



Eutelsat TV Line-Up

Channels transmitted by Eutelsat satellites

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Please note that most digital set top boxes (satellite receivers) are now fitted with a child protection function to prevent underage viewing of adult content.

Features may vary according to manufacturer and model type but most boxes allow you to block unsuitable content.

Contact your local dealer or installer to find out more.

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
EUTELSAT 117 WEST A								
3.720	V C	Edusat	package	DVB-S	3/4	27.000		
	C	Telesecundaria	TV	DVB-S	3/4	27.000		Spanish
	C	TV Docencia	TV	DVB-S	3/4	27.000		Spanish
	C	ILCE Canal 13 Innova Conocimiento	TV	DVB-S	3/4	27.000		Spanish
	C	UnAD	TV	DVB-S	3/4	27.000		Spanish
	C	ILCE Canal 15 Summa Saberes	TV	DVB-S	3/4	27.000		Spanish
	C	Canal 22 Nacional	TV	DVB-S	3/4	27.000		Spanish
	C	Telebachillerato	TV	DVB-S	3/4	27.000		Spanish
	C	Canal Iberoamericano	TV	DVB-S	3/4	27.000		Spanish
	C	Tele México	TV	DVB-S	3/4	27.000		Spanish
	C	TV Universidad	TV	DVB-S	3/4	27.000		Spanish
	C	Red de las Artes	TV	DVB-S	3/4	27.000		Spanish
	C	Aprende TV	TV	DVB-S	3/4	27.000		Spanish
	C	Canal del Congreso	TV	DVB-S	3/4	27.000		Spanish
	C	Especiales	TV	DVB-S	3/4	27.000		Spanish
	C	Transmisiones Especiales 27	TV	DVB-S	3/4	27.000		Spanish
	C	TV UNAM	TV	DVB-S	3/4	27.000		Spanish
3.740	H C	Televisa Networks	package	DVB-S2	3/4	30.000	Digicipher	
	C	TeleHit	TV	DVB-S2	3/4	30.000	Digicipher	Spanish
	C	Las Estrellas México	TV	DVB-S2	3/4	30.000	Digicipher	Spanish
	C	Bandamax	TV	DVB-S2	3/4	30.000	Digicipher	Spanish
	C	Telehit Urbano	TV	DVB-S2	3/4	30.000	Digicipher	Spanish
	C	Las Estrellas Latinoamérica	TV	DVB-S2	3/4	30.000	Digicipher	Spanish
	C	Unicable	TV	DVB-S2	3/4	30.000	Digicipher	Spanish
	C	TUDN Centro	TV	DVB-S2	3/4	30.000	Digicipher	Spanish
3.768	V C	Inti TV	TV	DVB-S2	3/4	4.800		Spanish
3.786	V C	Telecentro	TV	DVB-S	3/4	4.000		Spanish
3.796	V C	RTU	TV	DVB-S	3/4	2.242		Spanish
3.812	V C	unknown	package	DVB-S2	3/4	3.733		
	C	CineClick	TV	DVB-S2	3/4	3.733		Spanish
	C	XTime Channel	TV	DVB-S2	3/4	3.733		Spanish
	C	Primetime Channel	TV	DVB-S2	3/4	3.733		Spanish
3.820	H C	Televisa Networks	package	DVB-S2	3/4	30.000	Digicipher	
	C	Golden	TV	DVB-S2	3/4	30.000	Digicipher	Spanish
	C	Golden Premier	TV	DVB-S2	3/4	30.000	Digicipher	Spanish
	C	Golden Premier 2	TV	DVB-S2	3/4	30.000	Digicipher	Spanish
	C	Adrenalina Sports Network	TV	DVB-S2	3/4	30.000	Digicipher	Spanish
	C	De Película	TV	DVB-S2	3/4	30.000	Digicipher	Spanish
	C	TeleHit	TV	DVB-S2	3/4	30.000	Digicipher	Spanish
	C	Unicable	TV	DVB-S2	3/4	30.000	Digicipher	Spanish
	C	CJ Grand Shopping	TV	DVB-S2	3/4	30.000	Digicipher	Spanish
3.845	H C	Azteca Guatemala	TV	DVB-S	3/4	3.460	BISS	Spanish
	C	Unión Radio	radio	DVB-S	3/4	3.460		Spanish
3.853	H C	UCSG TV	TV	DVB-S2	2/3	1.667		Spanish
3.878	H C	EDN TV	TV	DVB-S2	3/4	1.665		Spanish
3.888	V C	Telerama	TV	DVB-S2	2/3	1.480		Spanish
3.899	H C	Oaxaqueña Radio Aro FM	radio	DVB-S2	3/4	4.167		Spanish
	C	Global 96.9 Aro FM	radio	DVB-S2	3/4	4.167		Spanish
3.903	V C	La Voz de María	TV	DVB-S	7/8	2.200		Spanish
3.905	H C	Teleceiba	TV	DVB-S2	3/4	1.600		Spanish
3.909	V C	Dominican Republic mux	package	DVB-S	3/4	6.379		
	C	Tele Antillas	TV	DVB-S	3/4	6.379		Spanish
	C	Coral 39	TV	DVB-S	3/4	6.379		Spanish
	C	Telesistema	TV	DVB-S	3/4	6.379		Spanish
3.911	H C	Veá Canal	TV	DVB-S	3/4	2.500		Spanish
3.924	V C	TPSD	package	DVB-S2	8/9	7.257		
	C	Color Visión 9	TV	DVB-S2	8/9	7.257		Spanish
	C	Canal 25	TV	DVB-S2	8/9	7.257		Spanish
	C	Red Nacional de Noticias	TV	DVB-S2	8/9	7.257		Spanish
	C	Super Canal	TV	DVB-S2	8/9	7.257		Spanish
	C	Hilando Fino TV	TV	DVB-S2	8/9	7.257		Spanish
	C	Sport Vision	TV	DVB-S2	8/9	7.257		Spanish

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	C	Megavisión	TV	DVB-S2	8/9	7.257		Spanish
	C	Teleunion	TV	DVB-S2	8/9	7.257		Spanish
	C	Amé 47 TV	TV	DVB-S2	8/9	7.257		Spanish
	C	Naranja TV	TV	DVB-S2	8/9	7.257		Spanish
	C	WMTI	TV	DVB-S2	8/9	7.257		Spanish
3.930	V C	Teleuniverso	TV	DVB-S	7/8	2.310		Spanish
3.940	H C	De Película	TV	DVB-S2	3/4	30.000	Digicipher	Spanish
	C	Las Estrellas Latinoamérica	TV	DVB-S2	3/4	30.000	Digicipher	Spanish
	C	Tinovelas América	TV	DVB-S2	3/4	30.000	Digicipher	Spanish
	C	Adrenalina Sports Network	TV	DVB-S2	3/4	30.000	Digicipher	Spanish
	C	Las Estrellas México +1	TV	DVB-S2	3/4	30.000	Digicipher	Spanish
3.963	H C	Panamericana TV	package	DVB-S2	3/4	2.400		
	C	Panamericana TV	TV	DVB-S2	3/4	2.400		
	C	Panamericana TV	TV	DVB-S2	3/4	2.400		
3.968	V C	Ecuavisa	package	DVB-S	3/4	7.500	BISS	
	C	Ecuavisa	TV	DVB-S	3/4	7.500	BISS	Spanish
	C	Ecuavisa Internacional	TV	DVB-S	3/4	7.500	BISS	Spanish
3.969	H C	Monte Marfa TV	TV	DVB-S2	3/4	1.100		Spanish
3.976	V C	RTG	TV	DVB-S	3/4	2.666		Spanish
3.979	H C	Canal Uno	TV	DVB-S2	3/4	2.000		Spanish
4.017	H C	unknown	package	DVB-S2	5/6	23.200	BISS	
	C	Claro Sports	TV	DVB-S2	5/6	23.200	BISS	Spanish
	C	Concert Channel	TV	DVB-S2	5/6	23.200	BISS	English
	C	Canal Claro	TV	DVB-S2	5/6	23.200	BISS	Spanish
	C	Claro Cinema	TV	DVB-S2	5/6	23.200	BISS	Spanish
	C	Nuestra Vision	TV	DVB-S2	5/6	23.200		Spanish
4.031	V C	Dominican Republic mux	package	DVB-S	5/6	15.200		
	C	Telemicro Internacional	TV	DVB-S	5/6	15.200		Spanish
	C	Digital 15	TV	DVB-S	5/6	15.200		Spanish
	C	Independencia FM	radio	DVB-S	5/6	15.200		Spanish
	C	Primera FM	radio	DVB-S	5/6	15.200		Spanish
4.064	H C	unknown	package	Digicipher 2	3/4	19.510		
	C	Canal del Congreso	TV	Digicipher 2	3/4	19.510		Spanish
	C	Gobierno de la República	TV	Digicipher 2	3/4	19.510		Spanish
4.075	H C	Cemesatel	TV	DVB-S	3/4	2.962		Spanish
4.084	H C	Guatevisión	TV	DVB-S	7/8	3.162		Spanish
4.094	H C	Gamavisión	TV	DVB-S2	3/4	1.666		Spanish
4.116	H C	TV Arquidiocesana	TV	DVB-S2	3/4	2.500		Spanish
4.120	V C	Lorac	package	DVB-S2	5/6	30.000	Digicipher	
	C	WTVJ-TV	TV	DVB-S2	5/6	30.000	Digicipher	English
	C	WPLG-TV	TV	DVB-S2	5/6	30.000	Digicipher	English
	C	Flow Sports	TV	DVB-S2	5/6	30.000	Digicipher	English
	C	Cala Action	TV	DVB-S2	5/6	30.000	Digicipher	English
	C	WFOR-TV	TV	DVB-S2	5/6	30.000	Digicipher	English
	C	TeleXitos	TV	DVB-S2	5/6	30.000	Digicipher	Spanish
	C	Cala Weather	TV	DVB-S2	5/6	30.000	Digicipher	English
	C	Cala Westerns	TV	DVB-S2	5/6	30.000	Digicipher	English
	C	Cala Classics	TV	DVB-S2	5/6	30.000	Digicipher	English
	C	WLTW-TV	TV	DVB-S2	5/6	30.000	Digicipher	English
	C	UniMás Este	TV	DVB-S2	5/6	30.000	Digicipher	Spanish
4.130	H C	Canal Antigua	package	DVB-S2	3/4	3.300		
	C	Canal Antigua	TV	DVB-S2	3/4	3.300		Spanish
	C	Antigua Sports	TV	DVB-S2	3/4	3.300		Spanish
	C	Gallero Soy	TV	DVB-S2	3/4	3.300		Spanish
4.134	H C	Ecuador TV	package	DVB-S	3/4	4.400		
	C	Ecuador TV	TV	DVB-S	3/4	4.400		Spanish
	C	Ecuador TV Internacional	TV	DVB-S	3/4	4.400		Spanish
4.155	H C	Oromar TV	TV	DVB-S2	3/4	1.480		Spanish
4.175	H C	RTV	TV	DVB-S2	?	1.850		Spanish
4.178	H C	Azteca Honduras	TV	DVB-S2	3/4	2.800		Spanish
4.184	H C	ILCE Canal 15 Summa Saberes	TV	DVB-S2	3/4	5.200		Spanish
4.196	H C	TV UNAM	TV	DVB-S	3/4	3.500		Spanish

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang	
11.940	V Ku 1	Orby TV	package	DVB-S2	2/3	30.000	Nagravision		
	Ku 1	TBS East	TV	DVB-S2	2/3	30.000	Nagravision	English,Spanish	
	Ku 1	AMC East	TV	DVB-S2	2/3	30.000	Nagravision	English,Spanish	
	Ku 1	IFC East	TV	DVB-S2	2/3	30.000	Nagravision	English	
	Ku 1	Sundance TV East	TV	DVB-S2	2/3	30.000	Nagravision	English	
	Ku 1	A&E East	TV	DVB-S2	2/3	30.000	Nagravision	English,Spanish	
	Ku 1	BBC America East	TV	DVB-S2	2/3	30.000	Nagravision	English	
	Ku 1	Hallmark Channel East	TV	DVB-S2	2/3	30.000	Nagravision	English	
	Ku 1	Lifetime Real Women	TV	DVB-S2	2/3	30.000	Nagravision	English	
	Ku 1	TCM US	TV	DVB-S2	2/3	30.000	Nagravision	English	
	Ku 1	Discovery Family	TV	DVB-S2	2/3	30.000	Nagravision	English	
	Ku 1	Discovery Life Channel	TV	DVB-S2	2/3	30.000	Nagravision	English	
	Ku 1	American Heroes Channel USA	TV	DVB-S2	2/3	30.000	Nagravision	English	
	Ku 1	Military History US	TV	DVB-S2	2/3	30.000	Nagravision	English	
	Ku 1	Crime + Investigation Network USA	TV	DVB-S2	2/3	30.000	Nagravision	English	
	Ku 1	Tru TV East	TV	DVB-S2	2/3	30.000	Nagravision	English	
	Ku 1	Logo East	TV	DVB-S2	2/3	30.000	Nagravision	English	
	Ku 1	Motortrend	TV	DVB-S2	2/3	30.000	Nagravision	English	
	Ku 1	HLN	TV	DVB-S2	2/3	30.000	Nagravision	English	
	Ku 1	CNN International North America	TV	DVB-S2	2/3	30.000	Nagravision	English	
	Ku 1	BBC World News Americas	TV	DVB-S2	2/3	30.000	Nagravision	English	
	Ku 1	C-SPAN	TV	DVB-S2	2/3	30.000	Nagravision	English	
	Ku 1	C-SPAN 2	TV	DVB-S2	2/3	30.000	Nagravision	English	
	Ku 1	Discovery en Español	TV	DVB-S2	2/3	30.000	Nagravision	Spanish	
	Ku 1	History en Español	TV	DVB-S2	2/3	30.000	Nagravision	Spanish	
	Ku 1	CNN en Español	TV	DVB-S2	2/3	30.000	Nagravision	Spanish	
	Ku 1	Discovery Familia	TV	DVB-S2	2/3	30.000	Nagravision	Spanish	
	Ku 1	HBO Signature East	TV	DVB-S2	2/3	30.000	Nagravision	English,Spanish	
	Ku 1	HBO Comedy East	TV	DVB-S2	2/3	30.000	Nagravision	English,Spanish	
	Ku 1	MoreMax East	TV	DVB-S2	2/3	30.000	Nagravision	English,Spanish	
	Ku 1	ActionMax East	TV	DVB-S2	2/3	30.000	Nagravision	English,Spanish	
	11.980	V Ku 1	Orby TV	package	DVB-S2	2/3	30.000	Nagravision	
		Ku 1	Hallmark Movies & Mysteries East	TV	DVB-S2	2/3	30.000	Nagravision	English
Ku 1		HGTV East	TV	DVB-S2	2/3	30.000	Nagravision	English,Spanish	
Ku 1		Food Network East	TV	DVB-S2	2/3	30.000	Nagravision	English,Spanish	
Ku 1		Destination America	TV	DVB-S2	2/3	30.000	Nagravision	English	
Ku 1		Cooking Channel	TV	DVB-S2	2/3	30.000	Nagravision	English	
Ku 1		DIY Network USA	TV	DVB-S2	2/3	30.000	Nagravision	English	
Ku 1		Science	TV	DVB-S2	2/3	30.000	Nagravision	English	
Ku 1		Cartoon Network West	TV	DVB-S2	2/3	30.000	Nagravision	English	
Ku 1		Nickelodeon West	TV	DVB-S2	2/3	30.000	Nagravision	English	
Ku 1		Nicktoons East	TV	DVB-S2	2/3	30.000	Nagravision	English	
Ku 1		Nick Jr East	TV	DVB-S2	2/3	30.000	Nagravision	English	
Ku 1		TeenNick East	TV	DVB-S2	2/3	30.000	Nagravision	English	
Ku 1		BET Gospel	TV	DVB-S2	2/3	30.000	Nagravision	English	
Ku 1		BET Her East	TV	DVB-S2	2/3	30.000	Nagravision	English	
Ku 1		BET Jams	TV	DVB-S2	2/3	30.000	Nagravision	English	
Ku 1		BET Soul	TV	DVB-S2	2/3	30.000	Nagravision	English	
Ku 1		MTV 2 East	TV	DVB-S2	2/3	30.000	Nagravision	English	
Ku 1		MTV Classic East	TV	DVB-S2	2/3	30.000	Nagravision	English	
Ku 1		VH1 East	TV	DVB-S2	2/3	30.000	Nagravision	English	
Ku 1		CMT East	TV	DVB-S2	2/3	30.000	Nagravision	English	
Ku 1		Great American Country	TV	DVB-S2	2/3	30.000	Nagravision	English	
Ku 1		Newsmax TV	TV	DVB-S2	2/3	30.000	Nagravision	English	
Ku 1		HBO East	TV	DVB-S2	2/3	30.000	Nagravision	English,Spanish	
Ku 1	Cinemax East	TV	DVB-S2	2/3	30.000	Nagravision	English,Spanish		
12.060	V Ku 2	Tigo	package	DVB-S	3/4	30.000	Conax		
	Ku 2	History Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish	
	Ku 2	Tigo promo	TV	DVB-S	3/4	30.000	Conax	Spanish	
	Ku 2	Warner Channel Atlántico Sur	TV	DVB-S	3/4	30.000	Conax	Spanish	
	Ku 2	AXN Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish	
	Ku 2	Sony Channel Sur	TV	DVB-S	3/4	30.000	Conax	Spanish	
	Ku 2	E! Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish	
Ku 2	HBO Family Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Ku 2	MTV Latino	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Universal TV América Latina Este	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	I-Sat	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Fox Premium Family Este	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Fox Premium Cinéma	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Az Mundo	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Caracol TV	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Golden Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	AMC Latin America	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Golden Edge	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Fox Sports Latin America	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Fox Sports 3 Latin America	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Discovery Turbo América Latina	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Cinemax Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Fox Sports 2 Latin America	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Cinecanal Este	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	HBO 2 Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	National Geographic Sur	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	History 2 Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	FXM Este	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	HBO Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish
12.080	H Ku 2	Tigo	package	DVB-S	3/4	30.000	Conax	
	Ku 2	Ve Plus	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Space Sur	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	FX Norte	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	AXN Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	ESPN América Latina	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	ESPN 2 América Latina	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Fox Life Sur	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Telemundo Internacional	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Az Corazón	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	ESPN 3 América Latina	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Pasiones Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Fox Latin America	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	TLC Latinoamérica	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Space Sur	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	FX Norte	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Canal 2	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Canal 4	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Canal 12	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Canal 6	TV	DVB-S	3/4	30.000	Conax	Spanish
	Ku 2	Megavisión Canal 21	TV	DVB-S	3/4	30.000	Conax	Spanish
12.100	V Ku 2	Tigo	package	DVB-S	3/4	29.000	Conax	
	Ku 2	TNT América Latina	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Elgourmet	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Nick Jr Latin America	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Boomerang Latin America	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	TVE Internacional América 1	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Cartoon Network Latin America	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Animal Planet Latinoamérica	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Fox Premium Movies	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Fox Premium Action Este	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	HTV	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Investigation Discovery Latinoamérica	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Discovery Channel Latinoamérica	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	TCM América Latina	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Discovery Kids América Latina	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Disney Junior Sur	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	TLC Latinoamérica	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	CNN en Español	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	TNT Series Argentina	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Venus	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	TNT América Latina	TV	DVB-S	3/4	29.000	Conax	Spanish

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Ku 2	Discovery Home & Health Latinoamérica	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Fox Premium Series Este	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Nickelodeon Sur	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Disney Channel Sur	TV	DVB-S	3/4	29.000	Conax	Spanish
	Ku 2	Disney XD Sur	TV	DVB-S	3/4	29.000	Conax	Spanish
12.123	V Ku 2	Tele Vida Abundante	TV	DVB-S2	3/4	3.078		Spanish
12.151	H Ku 2	BYU TV	TV	DVB-S2	2/3	2.678		English,Spanish
12.184	H Ku 2	Televisa Californias	TV	DVB-S2	3/4	1.680	BISS	Spanish
12.189	H Ku 2	Televisa Californias	TV	DVB-S	7/8	1.660	BISS	Spanish

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3.709	V C 1	UDG TV Canal 44	TV	DVB-S2	3/4	3.000		Spanish
3.713	V C 1	El Financiero Bloomberg	TV	DVB-S2	5/6	5.000		Spanish
3.721	V C 1	TRC TV	TV	DVB-S2	5/6	3.000		Spanish
3.734	V C 1	Canal 26	TV	DVB-S2	5/6	5.833		
	C 1	Canal 26	TV	DVB-S2	5/6	5.833		Spanish
	C 1	Canal 26.2	TV	DVB-S2	5/6	5.833		Spanish
3.748	V C 1	Veracidad Channel	TV	DVB-S	5/6	2.548		Spanish
3.760	V C 1	Telesur	TV	DVB-S	3/4	2.893		Spanish
3.763	V C 1	Tele Saltillo	TV	DVB-S2	?	2.078		Spanish
3.768	V C 1	TV Cuatro	package	DVB-S2	5/6	7.500		
	C 1	TV Cuatro 4.1	TV	DVB-S2	5/6	7.500		Spanish
	C 1	TV Cuatro 4.2	TV	DVB-S2	5/6	7.500		Spanish
	C 1	TV Cuatro 4.3	TV	DVB-S2	5/6	7.500		Spanish
3.769	H C 1	Sistema Michoacano de TV	TV	DVB-S2	3/4	3.500		Spanish
	C 1	La Radio de Todos FM	radio	DVB-S2	3/4	3.500		Spanish
3.773	H C 1	Tele Yucatán	TV	DVB-S	3/4	2.875		Spanish
3.774	V C 1	Telemax	TV	DVB-S2	5/6	4.051		Spanish
3.779	H C 1	TeleFórmula	TV	DVB-S2	2/3	4.800		Spanish
3.784	H C 1	Tele 10	TV	DVB-S	7/8	2.666		Spanish
3.787	H C 1	unknown	package	DVB-S	3/4	2.083		
	C 1	W Radio	radio	DVB-S	3/4	2.083		Spanish
	C 1	Radiopolis	radio	DVB-S	3/4	2.083		Spanish
	C 1	Los 40 México	radio	DVB-S	3/4	2.083		Spanish
	C 1	Ke buena	radio	DVB-S	3/4	2.083		Spanish
	C 1	TDW	radio	DVB-S	3/4	2.083		Spanish
	C 1	W Radio	radio	DVB-S	3/4	2.083		Spanish
	C 1	Los 40 México	radio	DVB-S	3/4	2.083		Spanish
	C 1	Los 40 México	radio	DVB-S	3/4	2.083		Spanish
	C 1	Ke buena	radio	DVB-S	3/4	2.083		Spanish
	C 1	Ke buena	radio	DVB-S	3/4	2.083		Spanish
	C 1	WFM	radio	DVB-S	3/4	2.083		Spanish
3.793	V C 1	unknown	package	DVB-S2	3/4	17.916	PowerVu	
	C 1	Film & Arts México	TV	DVB-S2	3/4	17.916	PowerVu	Spanish
	C 1	TVC Deportes 2	TV	DVB-S2	3/4	17.916	PowerVu	Spanish
	C 1	Mega Sports	TV	DVB-S2	3/4	17.916	PowerVu	Spanish
	C 1	Beat Box	TV	DVB-S2	3/4	17.916	PowerVu	Spanish
	C 1	Pánico	TV	DVB-S2	3/4	17.916	PowerVu	Spanish
	C 1	Hola! TV América Latina	TV	DVB-S2	3/4	17.916	PowerVu	Spanish
	C 1	Pasiones Estados Unidos	TV	DVB-S2	3/4	17.916	PowerVu	Spanish
	C 1	Cine Mexicano	TV	DVB-S2	3/4	17.916	PowerVu	Spanish
	C 1	AMC México	TV	DVB-S2	3/4	17.916	PowerVu	Spanish
	C 1	Cinema Platino 2	TV	DVB-S2	3/4	17.916	PowerVu	Spanish
	C 1	Cinema Platino	TV	DVB-S2	3/4	17.916	PowerVu	Spanish
	C 1	Más Chic Lationamérica	TV	DVB-S2	3/4	17.916	PowerVu	Spanish
	C 1	Elgourmet	TV	DVB-S2	3/4	17.916	PowerVu	Spanish
	C 1	NFL Network	TV	DVB-S2	3/4	17.916	PowerVu	Spanish
	C 1	NBA TV Latin America	TV	DVB-S2	3/4	17.916	PowerVu	Spanish
3.794	H C 1	RCG TV 1	TV	DVB-S2	3/5	1.660		Spanish
3.798	H C 1	RCG Noticias	TV	DVB-S2	?	1.660		Spanish
3.812	V C 1	Cepropie	TV	DVB-S2	3/4	6.660		Spanish
3.818	H C 1	Hidalgo TV	TV	DVB-S2	5/6	3.255		Spanish
	C 1	Hidalgo Radio	radio	DVB-S	5/6	3.255		Spanish
3.830	H C 1	Azteca	package	DVB-S2	3/4	15.000		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	C 1	Azteca Uno	TV	DVB-S2	3/4	15.000		Spanish
	C 1	Azteca 7	TV	DVB-S2	3/4	15.000		Spanish
	C 1	ADN 40	TV	DVB-S2	3/4	15.000		Spanish
	C 1	Azteca Uno	TV	DVB-S2	3/4	15.000		Spanish
3.844	H C 1	unknown	package	DVB-S2	5/6	4.687		
	C 1	México Travel Channel	TV	DVB-S2	5/6	4.687		Spanish
	C 1	Salud TV	TV	DVB-S2	5/6	4.687		Spanish
3.848	V C 1	Multimedios Plus	TV	DVB-S2	2/3	16.666	PowerVu	Spanish
	C 1	TLR	TV	DVB-S2	2/3	16.666	PowerVu	Spanish
	C 1	Multimedios TV Houston	TV	DVB-S2	2/3	16.666	PowerVu	Spanish
3.857	H C 1	XEJB AM 630	radio	DVB-S	3/4	2.804		Spanish
	C 1	XEJB FM 96.3	radio	DVB-S	3/4	2.804		Spanish
3.863	H C 1	TV Nuevo León 28	TV	DVB-S	3/4	3.200		Spanish
	C 1	Opus 1510 AM	radio	DVB-S	3/4	3.200		Spanish
3.867	H C 1	Tlaxcala TV	TV	DVB-S2	3/5	2.415		Spanish
	C 1	Radio Tlaxcala	radio	DVB-S2	3/5	2.415		Spanish
3.871	H C 1	World TV	TV	DVB-S2	3/4	1.666		Spanish
3.875	H C 1	Imagen TV	TV	DVB-S2	3/5	5.000		Spanish
3.880	V C 1	PCTV	package	DVB-S2	3/4	30.000	PowerVu	
	C 1	MTV Latino	TV	DVB-S2	3/4	30.000	PowerVu	Spanish
	C 1	Nickelodeon Norte	TV	DVB-S2	3/4	30.000	PowerVu	Spanish
	C 1	Excélsior TV	TV	DVB-S2	3/4	30.000	PowerVu	Spanish
	C 1	TeleFórmula	TV	DVB-S2	3/4	30.000	PowerVu	Spanish
	C 1	Cine Nostalgia	TV	DVB-S2	3/4	30.000	PowerVu	Spanish
	C 1	Cine Estelar	TV	DVB-S2	3/4	30.000	PowerVu	Spanish
	C 1	WOB! TV	TV	DVB-S2	3/4	30.000	PowerVu	Spanish
	C 1	Quiero TV	TV	DVB-S2	3/4	30.000		Spanish
	C 1	Megacanal	TV	DVB-S2	3/4	30.000		Spanish
	C 1	TVC	TV	DVB-S2	3/4	30.000	PowerVu	Spanish
	C 1	Video Rola	TV	DVB-S2	3/4	30.000	PowerVu	Spanish
	C 1	TVC Deportes	TV	DVB-S2	3/4	30.000	PowerVu	Spanish
	C 1	Efeko TV	TV	DVB-S2	3/4	30.000	PowerVu	Spanish
	C 1	Kids Central	TV	DVB-S2	3/4	30.000	PowerVu	Spanish
	C 1	DW Español	TV	DVB-S2	3/4	30.000	PowerVu	Spanish
3.955	H C 1	Excélsior TV	TV	DVB-S2	?	2.400		Spanish
4.012	V C 3	unknown	package	DVB-S2	2/3	11.600	PowerVu	
	C 3	TLR	TV	DVB-S2	2/3	11.600	PowerVu	Spanish
	C 3	Milenio TV	TV	DVB-S2	2/3	11.600	PowerVu	Spanish
	C 3	Multimedios Costa Rica	TV	DVB-S2	2/3	11.600	PowerVu	Spanish
	C 3	Multimedios Plus	TV	DVB-S2	2/3	11.600	PowerVu	Spanish
4.038	H C 3	unknown	package	DVB-S2	?	.833	BISS	
	C 3	W Radio	radio	DVB-S2	?	.833	BISS	Spanish
	C 3	W Deportes	radio	DVB-S2	?	.833	BISS	Spanish
	C 3	Los 40 México	radio	DVB-S2	?	.833	BISS	Spanish
	C 3	Ke buena	radio	DVB-S2	?	.833	BISS	Spanish
4.040	V C 3	United Teleports	package	DVB-S2	3/4	30.000		
	C 3	Retro TV East	TV	DVB-S2	3/4	30.000		English
	C 3	Action East	TV	DVB-S2	3/4	30.000		English
	C 3	The Family Channel East	TV	DVB-S2	3/4	30.000		English
	C 3	Retro TV West	TV	DVB-S2	3/4	30.000		English
	C 3	Heartland East	TV	DVB-S2	3/4	30.000		English
	C 3	Action West	TV	DVB-S2	3/4	30.000		English
	C 3	Cutlery Corner Network	TV	DVB-S2	3/4	30.000		English
	C 3	The Family Channel West	TV	DVB-S2	3/4	30.000		English
	C 3	KBEH-DT 3	TV	DVB-S2	3/4	30.000		Spanish
	C 3	Heartland West	TV	DVB-S2	3/4	30.000		English
	C 3	Tempo Networks	TV	DVB-S2	3/4	30.000		English
	C 3	Zee Familia	TV	DVB-S2	3/4	30.000		Spanish
	C 3	WJPX-TV	TV	DVB-S2	3/4	30.000		Spanish
	C 3	WPXO-LD	TV	DVB-S2	3/4	30.000		Spanish
	C 3	WSPF-CD	TV	DVB-S2	3/4	30.000		Spanish
	C 3	Zee Mundo	TV	DVB-S2	3/4	30.000		Spanish
	C 3	WPXS-TV	TV	DVB-S2	3/4	30.000		English
	C 3	Rev'n TV	TV	DVB-S2	3/4	30.000		English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
4.064	V C 3	TV Más	TV	DVB-S2	3/4	3.080		Spanish
	C 3	Radiomás	radio	DVB-S2	3/4	3.080		Spanish
4.086	V C 3	Hope Channel Inter-America	TV	DVB-S2	2/3	2.500		Spanish
4.140	H C 3	Thema America	package	DVB-S2	5/6	30.000	PowerVu	
	C 3	Canal + Internacional	TV	DVB-S2	5/6	30.000	PowerVu	French
	C 3	Once Internacional	TV	DVB-S2	5/6	30.000	PowerVu	Spanish
	C 3	AyM Sports	TV	DVB-S2	5/6	30.000	PowerVu	Spanish
	C 3	CincoMas	TV	DVB-S2	5/6	30.000	PowerVu	Spanish
	C 3	Latin American Sports USA	TV	DVB-S2	5/6	30.000	PowerVu	Spanish
	C 3	Kanal D Drama	TV	DVB-S2	5/6	30.000	PowerVu	Spanish
	C 3	Telemicro Internacional	TV	DVB-S2	5/6	30.000	PowerVu	Spanish
	C 3	Ecuavisa Internacional	TV	DVB-S2	5/6	30.000	PowerVu	Spanish
	C 3	CB TV Michoacan	TV	DVB-S2	5/6	30.000	PowerVu	Spanish
	C 3	Canal 22 Internacional	TV	DVB-S2	5/6	30.000	PowerVu	Spanish
	C 3	C News	TV	DVB-S2	5/6	30.000	PowerVu	French
	C 3	Mezzo	TV	DVB-S2	5/6	30.000	PowerVu	French
4.189	H C 3	The Erotic Networks	package	DVB-S2	5/6	15.000	Digicipher	
	C 3	Hustler TV USA	TV	DVB-S2	5/6	15.000	Digicipher	English
	C 3	Manhandle XX.5	TV	DVB-S2	5/6	15.000	Digicipher	English
	C 3	Cheap Thrills	TV	DVB-S2	5/6	15.000	Digicipher	English
	C 3	Xtsy Latin	TV	DVB-S2	5/6	15.000	Digicipher	English
	C 3	Xtsy XXX	TV	DVB-S2	5/6	15.000	Digicipher	English
	C 3	Juicy	TV	DVB-S2	5/6	15.000	Digicipher	English
	C 3	Real	TV	DVB-S2	5/6	15.000	Digicipher	English
	C 3	Penthouse TV	TV	DVB-S2	5/6	15.000	Digicipher	English
	C 3	Xtsy XX.5	TV	DVB-S2	5/6	15.000	Digicipher	English
	C 3	TEN	TV	DVB-S2	5/6	15.000	Digicipher	English
	C 3	Manhandle XXX	TV	DVB-S2	5/6	15.000	Digicipher	English
	C 3	Girlfriends Films	TV	DVB-S2	5/6	15.000	Digicipher	English
	C 3	Hustler HD USA	TV	DVB-S2	5/6	15.000	Digicipher	English
11.974	V Ku 2	unknown	package	DVB-S2	2/3	3.330		
	Ku 2	Hope Channel Inter-America	TV	DVB-S2	2/3	3.330		Spanish
	Ku 2	Hope Channel	TV	DVB-S2	2/3	3.330		English
11.984	H Ku 2	BVN Amerika	TV	DVB-S2	1/2	3.600		Dutch
12.046	H Ku 2	Reuters Live	TV	DVB-S2	4/5	18.900		English
12.161	H Ku 2	Apostolic Oneness Network	TV	DVB-S	3/4	1.480		English

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3.725	R C	StarTimes TV Uganda	package	DVB-S2	3/4	30.000	Conax	
	C	Discovery Family Africa	TV	DVB-S2	3/4	30.000	Conax	English
	C	ST Sports Premium	TV	DVB-S2	3/4	30.000	Conax	"English,French"
	C	ST Sports 1	TV	DVB-S2	3/4	30.000	Conax	"English,French"
	C	ST Plus	TV	DVB-S2	3/4	30.000	Conax	
	C	Star Gold UK	TV	DVB-S2	3/4	30.000	Conax	
	C	Fox Africa	TV	DVB-S2	3/4	30.000	Conax	English
	C	MTV Base Africa	TV	DVB-S2	3/4	30.000	Conax	English
	C	TVC News	TV	DVB-S2	3/4	30.000	Conax	English
	C	Fox News Channel	TV	DVB-S2	3/4	30.000	Conax	English
	C	Love Nature	TV	DVB-S2	3/4	30.000	Conax	English
	C	ST Sports 3	TV	DVB-S2	3/4	30.000	Conax	English
	C	ST Sports 2	TV	DVB-S2	3/4	30.000	Conax	English
	C	E! Africa	TV	DVB-S2	3/4	30.000	Conax	English
	C	AMC Series	TV	DVB-S2	3/4	30.000	Conax	English
	C	Nickelodeon Africa	TV	DVB-S2	3/4	30.000	Conax	English
	C	Zee Magic	TV	DVB-S2	3/4	30.000	Conax	French
	C	ST Rise	TV	DVB-S2	3/4	30.000	Conax	
	C	ST Swahili	TV	DVB-S2	3/4	30.000	Conax	Swahili
	C	ST Zone	TV	DVB-S2	3/4	30.000	Conax	English
	C	ST Novela E	TV	DVB-S2	3/4	30.000	Conax	English
	C	ST Movies Plus	TV	DVB-S2	3/4	30.000	Conax	English
	C	ST Sports Focus	TV	DVB-S2	3/4	30.000	Conax	English
	C	Fine Living	TV	DVB-S2	3/4	30.000	Conax	English
	C	JimJam Europe	TV	DVB-S2	3/4	30.000	Conax	English
	C	Emmanuel TV	TV	DVB-S2	3/4	30.000	Conax	English
	C	Fox Life Africa	TV	DVB-S2	3/4	30.000	Conax	English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	C	Smithsonian Channel UK	TV	DVB-S2	3/4	30.000	Conax	English
	C	Real Time Africa	TV	DVB-S2	3/4	30.000	Conax	English
	C	Bloomberg TV Africa	TV	DVB-S2	3/4	30.000	Conax	English
	C	National Geographic South Africa	TV	DVB-S2	3/4	30.000	Conax	English
	C	Aljazeera English	TV	DVB-S2	3/4	30.000	Conax	English
	C	Zee Cinema Africa	TV	DVB-S2	3/4	30.000	Conax	Hindi
	C	StarTimes TV Guide Uganda	TV	DVB-S2	3/4	30.000		English
	C	Colors	TV	DVB-S2	3/4	30.000	Conax	Hindi
	C	Nat Geo Wild South Africa	TV	DVB-S2	3/4	30.000	Conax	English
	C	Baby TV Europe	TV	DVB-S2	3/4	30.000	Conax	"English,French,Portuguese"
	C	Investigation Discovery Africa	TV	DVB-S2	3/4	30.000	Conax	English
	C	ST Kungfu	TV	DVB-S2	3/4	30.000	Conax	"English,French,Chinese"
	C	ST Dadin Kowa	TV	DVB-S2	3/4	30.000	Conax	Hausa
3.761	R C	StarTimes TV Uganda	package	DVB-S2	3/4	30.000	Conax	
	C	Agape TV Network	TV	DVB-S2	3/4	30.000	Conax	English
	C	Trace Africa Français	TV	DVB-S2	3/4	30.000	Conax	French
	C	StarLife	TV	DVB-S2	3/4	30.000	Conax	
	C	Toonami Africa	TV	DVB-S2	3/4	30.000	Conax	English
	C	EbonyLife TV	TV	DVB-S2	3/4	30.000	Conax	English
	C	ESPN 2 Africa	TV	DVB-S2	3/4	30.000	Conax	English
	C	AMC Movies	TV	DVB-S2	3/4	30.000	Conax	English
	C	Nina TV English	TV	DVB-S2	3/4	30.000	Conax	English
	C	ST Sino Drama	TV	DVB-S2	3/4	30.000	Conax	"English,French,Portuguese"
	C	Da Vinci	TV	DVB-S2	3/4	30.000	Conax	English
	C	Sky News International	TV	DVB-S2	3/4	30.000	Conax	English
	C	Tinovelas Europa	TV	DVB-S2	3/4	30.000	Conax	Spanish
	C	Trace Mziki	TV	DVB-S2	3/4	30.000	Conax	English
	C	ST Naija	TV	DVB-S2	3/4	30.000	Conax	English
	C	StarTimes Go Uganda	TV	DVB-S2	3/4	30.000		English
	C	ST Novela E Plus	TV	DVB-S2	3/4	30.000	Conax	English
	C	StarTimes Go Kenya	TV	DVB-S2	3/4	30.000		English
	C	ST Novela F Plus	TV	DVB-S2	3/4	30.000	Conax	French
	C	France 24 English	TV	DVB-S2	3/4	30.000	Conax	English
3.788	L C	Gabon 24	TV	DVB-S2	3/4	1.750		French
3.802	R C	Soico TV	package	DVB-S2	5/6	5.291		
	C	STV Noticias	TV	DVB-S2	5/6	5.291		Portuguese
	C	Soico TV	TV	DVB-S2	5/6	5.291		Portuguese
	C	Soico FM	radio	DVB-S2	5/6	5.291		Portuguese
3.826	R C	unknown	package	DVB-S2	4/5	13.830		
	C	Tele Congo	TV	DVB-S2	4/5	13.830		French
	C	Equidia Pro 1	TV	DVB-S2	4/5	13.830	Viaccess	"French,English,German"
	C	Trace FM Congo	radio	DVB-S2	4/5	13.830		French
	C	Radio Congo	radio	DVB-S2	4/5	13.830		French
3.840	L C	Channels 24	TV	DVB-S2	3/5	2.400		English
3.853	R C	Loyola	TV	DVB-S2	3/4	9.665		English
	C	ZNBC TV 4	TV	DVB-S2	3/4	9.665		English
	C	ZNBC TV 1	TV	DVB-S2	3/4	9.665		English
	C	Power TV	TV	DVB-S2	3/4	9.665		English
	C	Healing Center TV	TV	DVB-S2	3/4	9.665		English
3.859	L C	DBS TV	TV	DVB-S2	2/3	1.041		French
3.889	L C	ORTB TV	TV	DVB-S	3/4	2.982		French
	C	Radio Bénin	radio	DVB-S	3/4	2.982		French
	C	Atlantic FM	radio	DVB-S	3/4	2.982		French
3.892	L C	BB 24	TV	DVB-S	7/8	1.793		French
3.896	L C	TVE Internacional África	TV	DVB-S2	5/6	Y 3.500		
	C	RNE Radio Nacional	radio	DVB-S2	5/6	3.500		Spanish
	C	Radio Exterior	radio	DVB-S2	5/6	3.500		
3.900	R C	Asonga TV	TV	DVB-S2	3/4	1.458		Spanish
3.901	L C	CRTV	package	DVB-S2	5/6	4.250		
	C	CRTV	TV	DVB-S2	5/6	4.250		French
	C	CRTV News	TV	DVB-S2	5/6	4.250		French
	C	CRTV Sports and Entertainment	TV	DVB-S2	5/6	4.250		French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	C	CRTV National Radio	radio	DVB-S2	5/6	4.250		French
3.913	L C	AFP TV	TV	DVB-S2	5/6	8.915	BISS	English
3.925	R C	unknown	package	DVB-S2	2/3	30.000	Irdeto	
	C	ESPN Africa	TV	DVB-S2	2/3	30.000	Irdeto	"English,French"
	C	ESPN 2 Africa	TV	DVB-S2	2/3	30.000	Irdeto	English
	C	Fox Africa	TV	DVB-S2	2/3	30.000	Irdeto	English
	C	Fox Life Africa	TV	DVB-S2	2/3	30.000	Irdeto	English
	C	National Geographic South Africa	TV	DVB-S2	2/3	30.000	Irdeto	English
	C	Nat Geo Wild South Africa	TV	DVB-S2	2/3	30.000	Irdeto	English
	C	Voyage	TV	DVB-S2	2/3	30.000	Irdeto	French
	C	National Geographic France	TV	DVB-S2	2/3	30.000	Irdeto	French
	C	Nat Geo Wild France	TV	DVB-S2	2/3	30.000	Irdeto	French
	C	RTR Planeta	TV	DVB-S2	2/3	30.000		Russian
	C	Fashion One Africa	TV	DVB-S2	2/3	30.000	Irdeto	English
	C	Nina TV English	TV	DVB-S2	2/3	30.000	Irdeto	French
	C	Nina TV Français	TV	DVB-S2	2/3	30.000	Irdeto	French
3.964	R C	RFI	package	DVB-S2	1/2	4.166		
	C	Monte Carlo Doualiya	radio	DVB-S2	1/2	4.166		Arabic
	C	RFI Français	radio	DVB-S2	1/2	4.166		French
	C	RFI Langues 1	radio	DVB-S2	1/2	4.166		
	C	RFI Langues 2	radio	DVB-S2	1/2	4.166		
	C	RFI Musique	radio	DVB-S2	1/2	4.166		French
	C	RFI Diverse 1	radio	DVB-S2	1/2	4.166		
	C	RFI Diverse 2	radio	DVB-S2	1/2	4.166		
	C	RFI Diverse 3	radio	DVB-S2	1/2	4.166		
3.982	R C	Tele Congo	TV	DVB-S	7/8	2.019		French
	C	Radio Congo	radio	DVB-S	7/8	2.019		French
4.153	L C	Action	TV	DVB-S2	2/3	60.000	Nagravision	French
	C	Cine + Star	TV	DVB-S2	3/4	60.000	Nagravision	French
	C	Bblack! Africa	TV	DVB-S2	2/3	60.000	Nagravision	French
	C	TFX	TV	DVB-S2	2/3	60.000	Nagravision	French
	C	Trace Kitoko	TV	DVB-S2	2/3	60.000	Nagravision	French
	C	Canal + Sport France	TV	DVB-S2	2/3	60.000	Nagravision	French
	C	E! Africa	TV	DVB-S2	2/3	60.000	Nagravision	English
	C	Eagle TV	TV	DVB-S2	2/3	60.000	Nagravision	French
	C	PSTV SD Culturelle	TV	DVB-S2	2/3	60.000	Nagravision	French
	C	Moliere TV	TV	DVB-S2	2/3	60.000	Nagravision	French
	C	TFX	TV	DVB-S2	2/3	60.000	Nagravision	French
	C	Piwi +	TV	DVB-S2	2/3	60.000	Nagravision	French
	C	TéléToon Africa	TV	DVB-S2	2/3	60.000	Nagravision	French
	C	Action	TV	DVB-S2	2/3	60.000	Nagravision	French
	C	Ivoire TV Music	TV	DVB-S2	2/3	60.000	Nagravision	French
10.971	V MENA	Aljazeera	package	DVB-S	3/4	27.500		
	MENA	Aljazeera Channel	TV	DVB-S	3/4	27.500		Arabic
	MENA	Aljazeera Mubasher	TV	DVB-S	3/4	27.500		Arabic
	MENA	Aljazeera English	TV	DVB-S	3/4	27.500		English
	MENA	Aljazeera Documentary	TV	DVB-S	3/4	27.500		Arabic
	MENA	Libya Al-Ahrar TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Alanes TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Qatar TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Al Rayyan	TV	DVB-S	3/4	27.500		Arabic
	MENA	Aljazeera Mubasher	TV	DVB-S	3/4	27.500		Arabic
	MENA	Al Rayyan Radio	radio	DVB-S	3/4	27.500		Arabic
	MENA	Sout Al Islam	radio	DVB-S	3/4	27.500		Arabic
	MENA	Hebron Sat	TV	DVB-S	7/8	27.500		Arabic
	MENA	Albaghdadia	TV	DVB-S	7/8	27.500		Arabic
11.013	H MENA	BeIn	package	DVB-S2	2/3	27.500	Irdeto/Videoguard	
	MENA	Sharjah Media Corporation	package	DVB-S	5/6	27.500		
	MENA	BeIn Sports HD 1	TV	DVB-S2	2/3	27.500	Irdeto/Videoguard	"Arabic,English"
	MENA	Sharjah TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	BeIn Sports HD 2	TV	DVB-S2	2/3	27.500	Irdeto/Videoguard	"Arabic,English"
	MENA	Sharjah TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	BeIn Sports HD 3	TV	DVB-S2	2/3	27.500	Irdeto/Videoguard	"Arabic,English"
	MENA	Sharqiya TV	TV	DVB-S	5/6	27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	BeIn Sports HD 4	TV	DVB-S2	2/3	27.500	Irdeto/Videoguard	"Arabic,English"
	MENA	Sharqiya TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	A1 Wousta TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	BeIn Sports HD 3 Max	TV	DVB-S2	2/3	27.500	Irdeto/Videoguard	"Arabic,English"
	MENA	BeIn promo	TV	DVB-S2	2/3	27.500		Arabic
	MENA	Sharjah Sports	TV	DVB-S	5/6	27.500		Arabic
	MENA	Sharjah Sports	TV	DVB-S	5/6	27.500		Arabic
	MENA	Sharjah Radio	radio	DVB-S	5/6	27.500		Arabic
	MENA	Sharjah Quran	radio	DVB-S	5/6	27.500		Arabic
	MENA	Pulse 95	radio	DVB-S	5/6	27.500		English
11.054	H MENA	BeIn	package	DVB-S2	2/3	27.500	Irdeto/Videoguard	
	MENA	Kuwait TV	package	DVB-S2	2/3	27.500		
	MENA	BeIn Sports HD 5	TV	DVB-S2	2/3	27.500	Irdeto/Videoguard	"Arabic,English"
	MENA	KTV 1	TV	DVB-S2	2/3	27.500		Arabic
	MENA	BeIn Sports HD 6	TV	DVB-S2	2/3	27.500	Irdeto/Videoguard	"Arabic,English"
	MENA	KTV 2	TV	DVB-S2	2/3	27.500		English
	MENA	BeIn Sports HD 7	TV	DVB-S2	2/3	27.500	Irdeto/Videoguard	"Arabic,English"
	MENA	KTV Sport	TV	DVB-S2	2/3	27.500		Arabic
	MENA	BeIn Sports HD 8	TV	DVB-S2	2/3	27.500	Irdeto/Videoguard	"Arabic,English"
	MENA	KTV Sport Plus	TV	DVB-S2	2/3	27.500		Arabic
	MENA	BeIn Sports HD 9	TV	DVB-S2	2/3	27.500	Irdeto/Videoguard	"Arabic,English"
	MENA	KTV Ethraa	TV	DVB-S2	2/3	27.500		Arabic
	MENA	BeIn Sports Global	TV	DVB-S2	2/3	27.500		"Arabic,English"
	MENA	KTV Arabe	TV	DVB-S2	2/3	27.500		Arabic
	MENA	Al-Majlis TV	TV	DVB-S2	2/3	27.500		Arabic
	MENA	Al-Qurain TV	TV	DVB-S2	2/3	27.500		Arabic
	MENA	Kuwait Kids	TV	DVB-S2	2/3	27.500		Arabic
	MENA	Kuwait Radio One	radio	DVB-S2	2/3	27.500		Arabic
	MENA	Kuwait Radio Two	radio	DVB-S2	2/3	27.500		Arabic
	MENA	AlQuran Alkarem	radio	DVB-S2	2/3	27.500		Arabic
	MENA	Easy 92.5	radio	DVB-S2	2/3	27.500		English
	MENA	Kuwait FM	radio	DVB-S2	2/3	27.500		Arabic
	MENA	Super Station	radio	DVB-S2	2/3	27.500		Arabic
	MENA	The Old Arabic Singing	radio	DVB-S2	2/3	27.500		Arabic
	MENA	Traditional Station	radio	DVB-S2	2/3	27.500		Arabic
	MENA	OFM	radio	DVB-S2	2/3	27.500		Arabic
	MENA	Kuwait Radio One	radio	DVB-S2	2/3	27.500		Arabic
11.096	H MENA	Glory of God TV	TV	DVB-S	7/8	27.500		Amharic
	MENA	Alkarma TV Middle East 1	TV	DVB-S	7/8	27.500		Arabic
	MENA	Al Wifaq TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Hooosh promo	TV	DVB-S	7/8	27.500		
	MENA	EriSat	TV	DVB-S	7/8	27.500		
	MENA	Fares TV	TV	DVB-S	7/8	27.500		Amharic
	MENA	Libya Al-Ahrar TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	The Way TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	TV Ifa Fayyinaa	TV	DVB-S	7/8	27.500		Amharic
11.137	V MENA	unknown	package	DVB-S2	3/4	27.500		
	MENA	Al-Majd Public Channel	TV	DVB-S2	5/6	27.500		Arabic
	MENA	Nilesat promo	TV	DVB-S2	3/4	27.500		Arabic
	MENA	ANN	TV	DVB-S2	3/4	27.500		Arabic
	MENA	Al-Komail HD	TV	DVB-S2	5/6	27.500		Arabic
	MENA	Kurdsat News	TV	DVB-S2	5/6	27.500		Kurdish
	MENA	Nilesat promo	TV	DVB-S2	3/4	27.500		Arabic
	MENA	Alhurra TV	TV	DVB-S2	3/4	27.500		Arabic
	MENA	Bin Othaimen	TV	DVB-S2	3/4	27.500		Arabic
	MENA	Kurdsat	TV	DVB-S2	5/6	27.500		Kurdish
	MENA	Parwardayi HD	TV	DVB-S2	3/4	27.500		
	MENA	Fatima HD	TV	DVB-S2	5/6	27.500		Arabic
	MENA	Nahoo TV	TV	DVB-S2	5/6	27.500		Amharic
	MENA	OBN	TV	DVB-S2	5/6	27.500		
	MENA	Sama TV	TV	DVB-S2	5/6	27.500		Arabic
11.179	H MENA	Eutelsat MENA	package	DVB-S	7/8	27.500		
	MENA	Marjaeyat TV Nilesat	TV	DVB-S	7/8	27.500		English
	MENA	Al-Dardanel Channel	TV	DVB-S	5/6	27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Dr Abo Elnasr	TV	DVB-S	7/8	27.500		Arabic
	MENA	Oromia News Network	TV	DVB-S	7/8	27.500		
	MENA	Apple Comedy	TV	DVB-S	7/8	27.500		Arabic
	MENA	Apple Cinema	TV	DVB-S	7/8	27.500		Arabic
	MENA	Alostora	TV	DVB-S	7/8	27.500		Arabic
	MENA	Hareem Al Sultan	TV	DVB-S	7/8	27.500		Arabic
	MENA	Belody Aflam	TV	DVB-S	7/8	27.500		Arabic
	MENA	Sama TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Hekaya	TV	DVB-S	7/8	27.500		Arabic
	MENA	Mosalsalat Tube	TV	DVB-S	7/8	27.500		Arabic
	MENA	Apple Today	TV	DVB-S	7/8	27.500		Arabic
	MENA	Apple Moslsalat	TV	DVB-S	7/8	27.500		Arabic
	MENA	Alprince Drama	TV	DVB-S	7/8	27.500		Arabic
	MENA	Apple Aflam	TV	DVB-S	7/8	27.500		Arabic
	MENA	Tatt7 TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Syrian Satellite Channel	TV	DVB-S	7/8	27.500		Arabic
	MENA	Syria Drama	TV	DVB-S	7/8	27.500		Arabic
	MENA	Sahar TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Cinema 2	TV	DVB-S	7/8	27.500		Arabic
	MENA	Quran TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Alprince Cinema	TV	DVB-S	7/8	27.500		Arabic
	MENA	Apple Hekayat	TV	DVB-S	7/8	27.500		Arabic
	MENA	Nour El-Sham	TV	DVB-S	7/8	27.500		Arabic
	MENA	Souryana TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Vision TV Channel	TV	DVB-S	7/8	27.500		Amharic
	MENA	FIB TV	TV	DVB-S	7/8	27.500		
	MENA	Radio Damascus	radio	DVB-S	7/8	27.500		Arabic
	MENA	Radio Sout Al-Sha'ab	radio	DVB-S	7/8	27.500		Arabic
	MENA	Sawt Alshabab FM	radio	DVB-S	7/8	27.500		Arabic
	MENA	Amwaj FM	radio	DVB-S	7/8	27.500		Arabic
11.471	V East	MBC	package	DVB-S	5/6	27.500		
	East	Al Hadath	TV	DVB-S	5/6	27.500		Arabic
	East	MBC	TV	DVB-S	5/6	27.500		Arabic
	East	MBC 4	TV	DVB-S	5/6	27.500		English
	East	MBC Drama	TV	DVB-S	5/6	27.500		Arabic
	East	Citrus TV	TV	DVB-S	5/6	27.500		Arabic
	East	MBC Bollywood	TV	DVB-S	5/6	27.500		Arabic
	East	MBC 2	TV	DVB-S	5/6	27.500		Arabic
	East	MBC Action	TV	DVB-S	5/6	27.500		English
	East	MBC 3	TV	DVB-S	5/6	27.500		Arabic
	East	MBC Maser	TV	DVB-S	5/6	27.500		Arabic
	East	MBC FM	radio	DVB-S	5/6	27.500		Arabic
	East	Panorama FM	radio	DVB-S	5/6	27.500		Arabic
	East	MBC FM	radio	DVB-S	5/6	27.500		Arabic
11.512	V East	unknown	package	DVB-S	7/8	27.500		
	East	Hagerie TV	TV	DVB-S	7/8	27.500		
	East	LTV	TV	DVB-S	7/8	27.500		Amharic
	East	OBS	TV	DVB-S	7/8	27.500		
	East	EBS	TV	DVB-S	7/8	27.500		Amharic
	East	Nahoo TV	TV	DVB-S	7/8	27.500		Amharic
	East	Kana TV	TV	DVB-S	7/8	27.500		Amharic
	East	Fana TV	TV	DVB-S	7/8	27.500		Amharic
	East	DW TV	TV	DVB-S	7/8	27.500		
	East	DW TV	TV	DVB-S	7/8	27.500		
	East	Fana TV	TV	DVB-S	7/8	27.500		Amharic
	East	Walta TV	TV	DVB-S	7/8	27.500		Amharic
	East	Ahadu TV	TV	DVB-S	7/8	27.500		Amharic
	East	ARTS TV	TV	DVB-S	7/8	27.500		Amharic
	East	Ahadu Radio	radio	DVB-S	7/8	27.500		Amharic
	East	Fana FM	radio	DVB-S	7/8	27.500		
	East	Fana AM	radio	DVB-S	7/8	27.500		
11.554	V East	Gulfsat	package	DVB-S	7/8	27.500		
	East	Alahvaz TV	TV	DVB-S	7/8	27.500		Farsi
	East	Alwilayah TV	TV	DVB-S	7/8	27.500		Farsi

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	East	7 Stars TV	TV	DVB-S	7/8	27.500		Arabic
	East	Nesiha TV	TV	DVB-S	7/8	27.500		Amharic
	East	Harima TV	TV	DVB-S	7/8	27.500		Amharic
	East	Gada News Network	TV	DVB-S	7/8	27.500		
	East	Adala TV	TV	DVB-S	7/8	27.500		Arabic
	East	Albawadi TV	TV	DVB-S	7/8	27.500		Arabic
	East	Oromia Media Network	TV	DVB-S	7/8	27.500		
	East	Al-Sabah TV	TV	DVB-S	7/8	27.500		Arabic
	East	Al-Mahdi TV	TV	DVB-S	7/8	27.500		Arabic
	East	Ethiopia Orthodox TV	TV	DVB-S	7/8	27.500		Amharic
	East	Al Fallujah TV	TV	DVB-S	7/8	27.500		Arabic
	East	Hamiltan TV	TV	DVB-S	7/8	27.500		Somali
	East	GMM TV	TV	DVB-S	7/8	27.500		Amharic
	East	MBCal	TV	DVB-S	7/8	27.500		Arabic
	East	Zawya TV	TV	DVB-S	7/8	27.500		Amharic
	East	Hussainyah Radio	radio	DVB-S	7/8	27.500		
	East	NRT 4	TV	DVB-S	7/8	27.500		
	East	Arara TV	TV	DVB-S	7/8	27.500		
	East	Sidaama Media Network	TV	DVB-S	7/8	27.500		
11.595	V East	My TV	package	DVB-S	7/8	27.500		
	East	Halab Today TV	TV	DVB-S	7/8	27.500		Arabic
	East	GMM TV	TV	DVB-S	7/8	27.500		Amharic
	East	Zawya TV	TV	DVB-S	7/8	27.500		Amharic
	East	NRT 4	TV	DVB-S	7/8	27.500		
	East	Arara TV	TV	DVB-S	7/8	27.500		
	East	Sidaama Media Network	TV	DVB-S	7/8	27.500		
	East	Oromia Media Network	TV	DVB-S	7/8	27.500		
	East	Afri Health TV	TV	DVB-S	7/8	27.500		English
	East	Ethiopia Lijoch TV	TV	DVB-S	7/8	27.500		Amharic
	East	JTV Ethiopia	TV	DVB-S	7/8	27.500		Amharic
	East	Albaghdadia	TV	DVB-S	7/8	27.500		Arabic
	East	Music Iraq	TV	DVB-S	7/8	27.500		Arabic
	East	Al Qamar Al Hashimy	TV	DVB-S	7/8	27.500		Arabic
	East	Radio Dijla	radio	DVB-S	7/8	27.500		Arabic
	East	Bisrat Radio 101.1 FM	radio	DVB-S	7/8	27.500		Amharic
11.637	V East	STN	package	DVB-S2	5/6	27.500		
	East	Alaraby TV	TV	DVB-S2	5/6	27.500		Arabic
	East	Jin TV	TV	DVB-S2	5/6	27.500		Kurdish
	East	7 Spirit TV	TV	DVB-S2	5/6	27.500		Amharic
	East	Sudan Bukra	TV	DVB-S2	5/6	27.500		Arabic
	East	Alkarma TV Middle East 2	TV	DVB-S2	5/6	27.500		Arabic
	East	Med Muzik	TV	DVB-S2	5/6	27.500		Kurdish
	East	Elshaddai TV Network	TV	DVB-S2	5/6	27.500		Amharic
	East	Mereja TV	TV	DVB-S2	5/6	27.500		Amharic
	East	NRT 4	TV	DVB-S2	5/6	27.500		
	East	Stêrk	TV	DVB-S2	5/6	27.500		Kurdish
	East	Gospel TV	TV	DVB-S2	5/6	27.500		Amharic
	East	Winners Way TV	TV	DVB-S2	5/6	27.500		Amharic
	East	LuaLua TV	TV	DVB-S2	5/6	27.500		Arabic
	East	ANB	TV	DVB-S2	5/6	27.500		
	East	Oromia Clergy Network	TV	DVB-S2	5/6	27.500		
	East	Jesus TV	TV	DVB-S2	5/6	27.500		Amharic
	East	NRT	TV	DVB-S2	5/6	27.500		Kurdish
	East	Shabab Alqithara	TV	DVB-S2	5/6	27.500		Arabic
	East	NRT 3 Kids	TV	DVB-S2	5/6	27.500		
	East	Christ Jesus TV	TV	DVB-S2	5/6	27.500		English
	East	Hope Channel Ethiopia	TV	DVB-S2	5/6	27.500		Amharic
	East	Evangelical TV	TV	DVB-S2	5/6	27.500		Amharic
	East	Mo'aa TV	TV	DVB-S2	5/6	27.500		
	East	Sada FM TV	TV	DVB-S2	5/6	27.500		Arabic
	East	CM TV	TV	DVB-S2	5/6	27.500		Amharic
	East	Mekane Yesus TV	TV	DVB-S2	5/6	27.500		Amharic
	East	Al Karama News	TV	DVB-S2	5/6	27.500		Arabic
	East	NRT 2	TV	DVB-S2	5/6	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	East	MaEzer Semay TV	TV	DVB-S2	5/6	27.500		Amharic
	East	River TV	TV	DVB-S2	5/6	27.500		
	East	Holy Spirit TV Channel	TV	DVB-S2	5/6	27.500		
11.678	V East	Alrai Radio	radio	DVB-S2	5/6	27.500		Arabic
	V East	Gulfsat	package	DVB-S	3/4	27.500		
	East	Scope TV	TV	DVB-S	3/4	27.500		Arabic
	East	Salahalddin TV	TV	DVB-S	3/4	27.500		Arabic
	East	Al Qamar Al Hashimy	TV	DVB-S	3/4	27.500		Arabic
	East	Alrai TV	TV	DVB-S	3/4	27.500		Arabic
	East	Halab Today TV	TV	DVB-S	3/4	27.500		Arabic
	East	Yarmouk TV	TV	DVB-S	3/4	27.500		Arabic
	East	Bahrain TV	TV	DVB-S	3/4	27.500		Arabic
	East	Bahrain Lawal	TV	DVB-S	3/4	27.500		Arabic
	East	Bahrain International	TV	DVB-S	3/4	27.500		Arabic
	East	KTV 1	TV	DVB-S	3/4	27.500		Arabic
	East	KTV Sport	TV	DVB-S	3/4	27.500		Arabic
	East	Al-Qurain TV	TV	DVB-S	3/4	27.500		Arabic
	East	Radio Erena	radio	DVB-S	3/4	27.500		Tigrinya
12.521	H MENA	Aljazeera	package	DVB-S2	2/3	27.500		
	East	MindPixle	package	DVB-S	7/8	27.500		
	MENA	Aljazeera Channel	TV	DVB-S2	2/3	27.500		Arabic
	East	As-Sunnah TV	TV	DVB-S	7/8	27.500		Amharic
	MENA	Aljazeera Mubasher	TV	DVB-S2	2/3	27.500		Arabic
	East	Sidaama Media Network	TV	DVB-S	7/8	27.500		
	MENA	Aljazeera English	TV	DVB-S2	2/3	27.500		English
	East	Balageru TV	TV	DVB-S	7/8	27.500		Amharic
	MENA	Aljazeera Documentary	TV	DVB-S2	2/3	27.500		Arabic
	East	ETV Languages	TV	DVB-S	7/8	27.500		Amharic
	MENA	Aljazeera Mubasher	TV	DVB-S2	2/3	27.500		Arabic
	East	Tigrai TV	TV	DVB-S	7/8	27.500		Tigrinya
	MENA	Al Rayyan	TV	DVB-S2	2/3	27.500		Arabic
	East	South TV	TV	DVB-S	7/8	27.500		Amharic
	MENA	Al Rayyan Al Qadeem	TV	DVB-S2	2/3	27.500		Arabic
	East	Amhara TV	TV	DVB-S	7/8	27.500		Amharic
	East	OBN	TV	DVB-S	7/8	27.500		
	East	Assenna TV	TV	DVB-S	7/8	27.500		Tigrinya
	East	Ethiopia Orthodox TV	TV	DVB-S	7/8	27.500		Amharic
	East	TV 9 Ethio	TV	DVB-S	7/8	27.500		
	East	Ministry of Education TV	TV	DVB-S	7/8	27.500		Amharic
	East	Oromiyaa Radio	radio	DVB-S	7/8	27.500		
	East	EBC Radio 104.7	radio	DVB-S	7/8	27.500		
	East	Oromiyaa Radio	radio	DVB-S	7/8	27.500		
	East	Debub FM	radio	DVB-S	7/8	27.500		
12.563	V East	Eutelsat MENA	package	DVB-S	7/8	27.500		
	MENA	Iraqi Media Network	package	DVB-S	5/6	27.500		
	East	Family Cinema	TV	DVB-S	7/8	27.500		Arabic
	MENA	Iraqia News	TV	DVB-S	5/6	27.500		Arabic
	MENA	Iraqia News	TV	DVB-S	5/6	27.500		Arabic
	East	Sowt Al-Arab TV	TV	DVB-S	7/8	27.500		Arabic
	East	Saudi 24 FM	TV	DVB-S	7/8	27.500		Arabic
	East	24 Sport	TV	DVB-S	7/8	27.500		Arabic
	MENA	Iraqia Türkmen	TV	DVB-S	5/6	27.500		Turkmen
	East	Zilzal Cinema	TV	DVB-S	7/8	27.500		Arabic
	East	Box	TV	DVB-S	7/8	27.500		Arabic
	MENA	Iraqia Kurdish	TV	DVB-S	5/6	27.500		Kurdish
	East	Al Shasha Classic	TV	DVB-S	7/8	27.500		Arabic
	East	Alyaoum Drama	TV	DVB-S	7/8	27.500		Arabic
	MENA	Iraqia General	TV	DVB-S	5/6	27.500		Arabic
	MENA	Iraqia Syriac	TV	DVB-S	5/6	27.500		Arabic
	East	D Drama	TV	DVB-S	7/8	27.500		Arabic
	MENA	Iraq Educational Channel	TV	DVB-S	5/6	27.500		Arabic
	East	Sout Masr	TV	DVB-S	7/8	27.500		Arabic
	MENA	Radio Iraqia	radio	DVB-S	5/6	27.500		Arabic
	MENA	Forqan Radio	radio	DVB-S	5/6	27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Imam Ali TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Radio Baghdad	radio	DVB-S	5/6	27.500		Arabic
	East	Zilzal Alyoom	TV	DVB-S	7/8	27.500		Arabic
	East	Njoom Hollywood	TV	DVB-S	7/8	27.500		Arabic
	East	Apple Drama	TV	DVB-S	7/8	27.500		Arabic
	East	Alyaoum Hakayat	TV	DVB-S	7/8	27.500		Arabic
	East	Al Sa3aa Cinema	TV	DVB-S	7/8	27.500		Arabic
	East	PNC Yom	TV	DVB-S	7/8	27.500		Arabic
	East	Al Sa3aa Drama	TV	DVB-S	7/8	27.500		Arabic
	East	Hollywood Horror	TV	DVB-S	7/8	27.500		Arabic
	East	Al Sa3aa Classic	TV	DVB-S	7/8	27.500		Arabic
	East	Family Hikayat	TV	DVB-S	7/8	27.500		Arabic
	East	Al Shasha Drama	TV	DVB-S	7/8	27.500		Arabic
	East	Alfath TV	TV	DVB-S	7/8	27.500		Arabic
	East	Zilzal Mosalsalat	TV	DVB-S	7/8	27.500		Arabic
	East	Al Shasha Comedy	TV	DVB-S	7/8	27.500		Arabic
	East	Al Shasha Film	TV	DVB-S	7/8	27.500		Arabic
	East	Al Shasha Muslslat	TV	DVB-S	7/8	27.500		Arabic
	East	Alyaoum Comedy	TV	DVB-S	7/8	27.500		Arabic
	East	Alyaoum Aflam	TV	DVB-S	7/8	27.500		Arabic
	East	Family Classic	TV	DVB-S	7/8	27.500		Arabic
	East	Zilzal Aflam	TV	DVB-S	7/8	27.500		Arabic
	East	Arta FM	radio	DVB-S	7/8	27.500		
	East	Sout Raya	radio	DVB-S	7/8	27.500		Arabic
12.604	H MENA	BeIn	package	DVB-S2	2/3	27.500		
	East	Eutelsat MENA	package	DVB-S	7/8	27.500		
	MENA	BeIn Sports HD 10	TV	DVB-S2	2/3	27.500	Irdeto/Videoguard	"Arabic,English"
	MENA	BeIn Sports News	TV	DVB-S2	2/3	27.500		Arabic
	MENA	BeIn Sports HD 1 Max	TV	DVB-S2	2/3	27.500		Arabic,English,French
	MENA	BeIn promo	TV	DVB-S2	2/3	27.500		Arabic
	East	Rojava TV	TV	DVB-S	7/8	27.500		Kurdish
	East	Sham TV	TV	DVB-S	7/8	27.500		Arabic
	East	Imam Hussein TV 2	TV	DVB-S	7/8	27.500		Farsi
	East	Manu Chat	TV	DVB-S	7/8	27.500		Arabic
	East	Net TV	TV	DVB-S	7/8	27.500		Kurdish
	East	Alquran	TV	DVB-S	7/8	27.500		Arabic
	East	Fares TV	TV	DVB-S	7/8	27.500		Amharic
	East	OBN	TV	DVB-S	7/8	27.500		
	East	Al Salam TV	TV	DVB-S	7/8	27.500		Arabic
	East	Prime Media	TV	DVB-S	7/8	27.500		
	East	Al Husaynih	TV	DVB-S	7/8	27.500		Arabic
	East	Alfarqadayn	TV	DVB-S	7/8	27.500		Arabic
	East	FM	TV	DVB-S	7/8	27.500		Arabic
	East	C Sat	TV	DVB-S	7/8	27.500		Arabic
	East	Rûdaw	TV	DVB-S	7/8	27.500		Kurdish
	East	Africa TV 1	TV	DVB-S	7/8	27.500		Amharic
	East	Dabanga TV	TV	DVB-S	7/8	27.500		Arabic
12.620	V Europe	Belgian mux	package	DVB-S	1/2	.890		
	Europe	Radio Contact	radio	DVB-S	1/2	.890		French
	Europe	Maximum	radio	DVB-S	1/2	.890		French
	Europe	Bel RTL	radio	DVB-S	1/2	.890		French
12.621	V Europe	French mux	package	DVB-S2	3/4	.468		
	Europe	Hit West	radio	DVB-S2	3/4	.468		French
	Europe	Océane FM	radio	DVB-S2	3/4	.468		French
	Europe	Radio Cristal	radio	DVB-S2	3/4	.468		French
12.622	V Europe	Radio Maria Italia	radio	DVB-S	1/2	.255		Italian
12.646	V East	Ethiopian mux	package	DVB-S	7/8	27.500		
	MENA	Palsat	package	DVB-S	5/6	27.500		
	East	ETV News	TV	DVB-S	7/8	27.500		Amharic
	MENA	Musawa	TV	DVB-S	5/6	27.500		Arabic
	East	ETV News	TV	DVB-S	7/8	27.500		Amharic
	MENA	Ma'an TV	TV	DVB-S	5/6	27.500		
	East	OBN	TV	DVB-S	7/8	27.500		
	MENA	Palestine Mobasher	TV	DVB-S	5/6	27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	East	ETV Entertainment	TV	DVB-S	7/8	27.500		Amharic
	MENA	Palestinian Satellite Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Awdeh	TV	DVB-S	5/6	27.500		Arabic
	East	Tigrai TV	TV	DVB-S	7/8	27.500		Tigrinya
	MENA	Al-Quds Open University	TV	DVB-S	5/6	27.500		Arabic
	East	South TV	TV	DVB-S	7/8	27.500		Amharic
	East	Amhara TV	TV	DVB-S	7/8	27.500		Amharic
	MENA	Najah Broadcasting Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Palestine Sport	TV	DVB-S	5/6	27.500		Arabic
	East	Radio Ethiopia National Radio	radio	DVB-S	7/8	27.500		Amharic
	East	EBC FM 97.1	radio	DVB-S	7/8	27.500		Amharic
	MENA	Voice of Palestine	radio	DVB-S	5/6	27.500		Arabic
	East	FM Behir Dar 96.9	radio	DVB-S	7/8	27.500		
	MENA	Najah FM	radio	DVB-S	5/6	27.500		Arabic
	MENA	Quran Radio	radio	DVB-S	5/6	27.500		Arabic
	East	Radio Ethiopia National Radio	radio	DVB-S	7/8	27.500		Amharic
	East	EBC FM 97.1	radio	DVB-S	7/8	27.500		Amharic
	MENA	Radio Nablus	radio	DVB-S	5/6	27.500		Arabic
12.687	H MENA	Eutelsat	package	DVB-S	7/8	27.500		
	East	Gulfsat	package	DVB-S2	3/4	30.000		
	MENA	Babylon TV	TV	DVB-S	7/8	27.500		
	East	Blue Nile Channel	TV	DVB-S2	3/4	30.000		Arabic
	MENA	Elsharq	TV	DVB-S	7/8	27.500		Arabic
	East	Shamalia TV	TV	DVB-S2	3/4	30.000		Arabic
	East	Al Qubba Al Khadhra	TV	DVB-S2	3/4	30.000		Arabic
	East	Khartoum TV	TV	DVB-S2	3/4	30.000		Arabic
	MENA	Mekameleen TV	TV	DVB-S	7/8	27.500		Arabic
	East	Addis Media Network	TV	DVB-S2	3/4	30.000		Amharic
	MENA	Yemen Education	TV	DVB-S	7/8	27.500		Arabic
	East	Soutalarab TV	TV	DVB-S2	3/4	30.000		Arabic
	MENA	Suroyo TV	TV	DVB-S	7/8	27.500		Syriac
	East	Albawadi TV	TV	DVB-S2	3/4	30.000		Arabic
	MENA	Alyaum Channel	TV	DVB-S	7/8	27.500		Arabic
	East	Funoon TV	TV	DVB-S2	3/4	30.000		Arabic
	East	Al Shahed TV	TV	DVB-S2	3/4	30.000		Arabic
	MENA	Yemen TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Yemen Today TV	TV	DVB-S	7/8	27.500		Arabic
	East	Palestinian Satellite Channel	TV	DVB-S2	3/4	30.000		Arabic
	MENA	Sheba TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Aden TV	TV	DVB-S	7/8	27.500		Arabic
	East	Musawa	TV	DVB-S2	3/4	30.000		Arabic
	MENA	Al-Eman	TV	DVB-S	7/8	27.500		Arabic
	East	Palestine Mobasher	TV	DVB-S2	3/4	30.000		Arabic
	MENA	Watan TV	TV	DVB-S	7/8	27.500		Arabic
	East	Dongola Radio	radio	DVB-S2	3/4	30.000		Arabic
	MENA	I24 News Arabic	TV	DVB-S	7/8	27.500		Arabic
	MENA	Minbij TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Babylon TV	TV	DVB-S	7/8	27.500		
	MENA	Almawqef TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Speda Channel	TV	DVB-S	7/8	27.500		Kurdish
	MENA	Daawah TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Salam TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	EMCI TV Paris	TV	DVB-S	7/8	27.500		French
	MENA	Radio Sana'a	radio	DVB-S	7/8	27.500		Arabic
	MENA	Sawt Al Shaab FM	radio	DVB-S	7/8	27.500		Arabic
	MENA	Radio 21 September	radio	DVB-S	7/8	27.500		
	MENA	Rojava FM	radio	DVB-S	7/8	27.500		
	MENA	Misk FM	radio	DVB-S	7/8	27.500		Arabic
	MENA	Salam Radio	radio	DVB-S	7/8	27.500		Arabic
12.729	V East	Amozhgary TV	TV	DVB-S	5/6	27.500		Kurdish
	East	Ava TV	TV	DVB-S	5/6	27.500		Kurdish
	East	Alena Media TV	TV	DVB-S	5/6	27.500		
	East	GK Channel	TV	DVB-S	5/6	27.500		Kurdish
	East	Kirkuk TV	TV	DVB-S	5/6	27.500		Kurdish

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	East	KurdMax Show	TV	DVB-S	5/6	27.500		Kurdish
	East	KurdMax	TV	DVB-S	5/6	27.500		Kurdish
	East	KurdMax Music	TV	DVB-S	5/6	27.500		Kurdish
	East	Dwarozh	radio	DVB-S	5/6	27.500		

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10.719	V MENA	Qatar TV	TV	DVB-S2	3/4	22.000		Arabic
10.727	H MENA	Gulfsat	package	DVB-S	5/6	27.500		
	MENA	Awraas TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Karamah TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Waar TV	TV	DVB-S	5/6	27.500		Kurdish
	MENA	Alaraby TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	UTV	TV	DVB-S	5/6	27.500		
	MENA	Saout Alaquila	TV	DVB-S	5/6	27.500		Arabic
	MENA	OSM	TV	DVB-S	5/6	27.500		
	MENA	Massaya TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Kunuz Altabia TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Masa	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Maraa Alarabiya TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Dawacom TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Rafidain TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Kunouz TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	The Kingdom Sat	TV	DVB-S	5/6	27.500		Arabic
	MENA	Jesus Wonderful TV	TV	DVB-S	5/6	27.500		Amharic
	MENA	Zarok TV	TV	DVB-S	5/6	27.500		Kurdish
	MENA	Al Awhad TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alkafeel Radio	radio	DVB-S	5/6	27.500		Arabic
10.758	V MENA	Nilesat	package	DVB-S	5/6	27.500		
	MENA	Drama Badawia	TV	DVB-S	5/6	27.500		Arabic
	MENA	Safa TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al M3ali TV	TV	DVB-S	5/6	27.500		Arabic
10.777	H MENA	Nilesat	package	DVB-S	5/6	27.500		
	MENA	Al Matbakh	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Seha Wal Jamal TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Cairo Drama	TV	DVB-S	5/6	27.500		Arabic
	MENA	Cairo Cinema	TV	DVB-S	5/6	27.500		Arabic
	MENA	Watania 2	TV	DVB-S	5/6	27.500		Arabic
10.796	V MENA	Nilesat	package	DVB-S	5/6	27.500		
	MENA	A TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Watania 1	TV	DVB-S	5/6	27.500		Arabic
	MENA	Sudan TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alamaken TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Radio Tunis Chaîne Internationale	radio	DVB-S	5/6	27.500		
	MENA	Radio Nationale	radio	DVB-S	5/6	27.500		Arabic
	MENA	Radio Culturelle	radio	DVB-S	5/6	27.500		Arabic
	MENA	Umdurman Radio	radio	DVB-S	5/6	27.500		Arabic
10.815	H MENA	Miracle Channel	TV	DVB-S	7/8	27.500		Arabic
	MENA	Publitoools TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Sama Al Ain TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Libya 1	TV	DVB-S	7/8	27.500		Arabic
	MENA	Channel 12 Arab Satellite	TV	DVB-S	7/8	27.500		Arabic
	MENA	Alkarma Family	TV	DVB-S	7/8	27.500		Arabic
	MENA	Dlaa Banat	TV	DVB-S	7/8	27.500		Arabic
	MENA	Holy TV	TV	DVB-S	7/8	27.500		Amharic
	MENA	Al Nebras TV	TV	DVB-S	7/8	27.500		Arabic
10.834	V MENA	Qatar TV	TV	DVB-S2	3/4	27.500		Arabic
10.853	H MENA	On TV	package	DVB-S	5/6	27.500		
	MENA	On E	TV	DVB-S	5/6	27.500		Arabic
	MENA	On Sport 2	TV	DVB-S	5/6	27.500		Arabic
	MENA	On Sport	TV	DVB-S	5/6	27.500		Arabic
	MENA	On E	TV	DVB-S	5/6	27.500		Arabic
	MENA	On Sport	TV	DVB-S	5/6	27.500		Arabic
	MENA	On Sport 2	TV	DVB-S	5/6	27.500		Arabic
	MENA	On Drama	TV	DVB-S	5/6	27.500		Arabic
10.873	V MENA	Eutelsat MENA	package	DVB-S	7/8	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Al Rahma	TV	DVB-S	7/8	27.500		Arabic
	MENA	Libya Alhadath	TV	DVB-S	7/8	27.500		Arabic
	MENA	Family Drama	TV	DVB-S	7/8	27.500		Arabic
	MENA	Alyaoum Zaman	TV	DVB-S	7/8	27.500		Arabic
	MENA	TRT Kurdî	TV	DVB-S	7/8	27.500		Kurdish
	MENA	Scare TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Al Quds Today TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Zilzal Classic	TV	DVB-S	7/8	27.500		Arabic
	MENA	Addis Media Network	TV	DVB-S	7/8	27.500		Amharic
	MENA	Al Sa3aa Mosalsalate	TV	DVB-S	7/8	27.500		Arabic
	MENA	Hala London	TV	DVB-S	7/8	27.500		Arabic
	MENA	Layali TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	All TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Alsalam	TV	DVB-S	7/8	27.500		Arabic
	MENA	Dolly Mosalsalat	TV	DVB-S	7/8	27.500		Arabic
	MENA	Libya's Channel	TV	DVB-S	7/8	27.500		Arabic
	MENA	Al Sa3a Masra7	TV	DVB-S	7/8	27.500		Arabic
	MENA	Palestine Al Yawm	TV	DVB-S	7/8	27.500		Arabic
	MENA	Berbère TV	TV	DVB-S	7/8	27.500		French
	MENA	El Moled	TV	DVB-S	7/8	27.500		Arabic
	MENA	Algérie 24	TV	DVB-S	7/8	27.500		Arabic
	MENA	Sharo5an Hindi	TV	DVB-S	7/8	27.500		
	MENA	Antinéa Radio	radio	DVB-S	7/8	27.500		Berber
	MENA	Berbère Radio	radio	DVB-S	7/8	27.500		Berber
10.892	H MENA	Eutelsat MENA	package	DVB-S	7/8	27.500		
	MENA	Afaq TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Melody TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Cinema Pro	TV	DVB-S	7/8	27.500		Arabic
	MENA	Alghadeer TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Tok Tok Cinema	TV	DVB-S	7/8	27.500		Arabic
	MENA	RT Arabic	TV	DVB-S	7/8	27.500		Arabic
	MENA	Cinema 1	TV	DVB-S	7/8	27.500		Arabic
	MENA	Al Nujaba TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Dijlah TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Samarra TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Alsharqiya News	TV	DVB-S	7/8	27.500		Arabic
	MENA	Rûdaw	TV	DVB-S	7/8	27.500		Kurdish
	MENA	Asia Network TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Al Ayyam TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Rûdaw Radio	radio	DVB-S	7/8	27.500		Kurdish
10.922	V MENA	unknown	package	DVB-S	7/8	27.500		
	MENA	Imam Sadeq	TV	DVB-S	7/8	27.500		Arabic
	MENA	24 Family	TV	DVB-S	7/8	27.500		Arabic
	MENA	Al Tanasuh TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Echorouk TV News	TV	DVB-S	7/8	27.500		Arabic
	MENA	Echorouk TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Beur TV	TV	DVB-S	7/8	27.500		French
	MENA	Bahia TV	TV	DVB-S	7/8	27.500		French
	MENA	El Hayat TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	El-Heddaf TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Numidia TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	El Djazairia One	TV	DVB-S	7/8	27.500		Arabic
	MENA	Almustakillah TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	El Bilad TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Chams TV	TV	DVB-S	7/8	27.500		
	MENA	M24 TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	El Fadjer TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Al Haj	TV	DVB-S	7/8	27.500		Arabic
10.992	V NW Africa	Algerian mux	package	DVB-S2	9/10	5.000		
	NW Africa	Dzair News	TV	DVB-S2	9/10	5.000		Arabic
	NW Africa	El Fhama TV	TV	DVB-S2	9/10	5.000		Arabic
11.033	V NW Africa	Hi-Impact TV	TV	DVB-S2	3/4	5.000		English
11.158	V NW Africa	SNRT	package	DVB-S2	9/10	5.000		
	NW Africa	Eutelsat SmartFM promo	TV	DVB-S2	9/10	5.000		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	NW Africa	Radio 2M	radio	DVB-S2	9/10	5.000		
	NW Africa	Radio Oujda	radio	DVB-S2	9/10	5.000		
	NW Africa	Idaa al Watania	radio	DVB-S2	9/10	5.000		
	NW Africa	Radio Dakhla	radio	DVB-S2	9/10	5.000		
	NW Africa	Chaîne Inter	radio	DVB-S2	9/10	5.000		
	NW Africa	Idaa al Amazighia	radio	DVB-S2	9/10	5.000		Arabic
	NW Africa	Idaa Mohammed Assadiss	radio	DVB-S2	9/10	5.000		Arabic
	NW Africa	Radio Agadir	radio	DVB-S2	9/10	5.000		
	NW Africa	Radio Houceima	radio	DVB-S2	9/10	5.000		
	NW Africa	Radio Tétouan	radio	DVB-S2	9/10	5.000		
	NW Africa	Radio Meknes	radio	DVB-S2	9/10	5.000		
	NW Africa	Radio Tanger	radio	DVB-S2	9/10	5.000		
	NW Africa	Radio Fes	radio	DVB-S2	9/10	5.000		
	NW Africa	Radio Marrakech	radio	DVB-S2	9/10	5.000		
	NW Africa	Radio Laayoune	radio	DVB-S2	9/10	5.000		
	NW Africa	Radio Casablanca	radio	DVB-S2	9/10	5.000		
	NW Africa	RIM	radio	DVB-S2	9/10	5.000		
11.219	H MENA	unknown	package	DVB-S	5/6	27.500		
	MENA	PNC Film	TV	DVB-S	5/6	27.500		Arabic
	MENA	SRTV	TV	DVB-S	5/6	27.500		
	MENA	Es Radio	radio	DVB-S	5/6	27.500		
11.227	V MENA	unknown	package	DVB-S	5/6	27.500		
	MENA	ERTU 3 Al Kahera	TV	DVB-S	5/6	27.500		Arabic
	MENA	ERTU 4 Al Kanal	TV	DVB-S	5/6	27.500		Arabic
	MENA	ERTU 5 Al Askandria	TV	DVB-S	5/6	27.500		Arabic
	MENA	ERTU 6 Al Delta	TV	DVB-S	5/6	27.500		Arabic
	MENA	ERTU 7 Al Saeed	TV	DVB-S	5/6	27.500		Arabic
	MENA	ERTU 8 Teba	TV	DVB-S	5/6	27.500		Arabic
	MENA	Misr Al Zeraeey	TV	DVB-S	5/6	27.500		Arabic
	MENA	Yemen TV	TV	DVB-S	5/6	27.500		Arabic
11.258	H MENA	Eutelsat MENA	package	DVB-S2	5/6	27.500		
	MENA	Ajman TV	TV	DVB-S2	5/6	27.500		Arabic
	MENA	Al Shallal TV	TV	DVB-S2	5/6	27.500		Arabic
	MENA	RBC TV	TV	DVB-S2	5/6	27.500		Arabic
	MENA	Syria TV	TV	DVB-S2	5/6	27.500		Arabic
	MENA	Yemen Shabab Channel	TV	DVB-S2	5/6	27.500		Arabic
	MENA	Baby Kids Channel	TV	DVB-S2	5/6	27.500		Arabic
	MENA	Libya Future TV	TV	DVB-S2	5/6	27.500		Arabic
	MENA	Korek TV	TV	DVB-S2	5/6	27.500		Kurdish
	MENA	Al-Hadath News	TV	DVB-S2	5/6	27.500		Arabic
	MENA	ME Sat	TV	DVB-S2	5/6	27.500		Arabic
	MENA	Karbala Satellite Channel	TV	DVB-S2	5/6	27.500		Arabic
	MENA	I News	TV	DVB-S2	5/6	27.500		Arabic
	MENA	Alhurra TV	TV	DVB-S2	5/6	27.500		Arabic
	MENA	Alhurra TV Iraq	TV	DVB-S2	5/6	27.500		Arabic
	MENA	TRT Arabi	TV	DVB-S2	5/6	27.500		Arabic
	MENA	Al Rabia 4	radio	DVB-S2	5/6	27.500		
	MENA	Radio Sawa Mauritania	radio	DVB-S2	5/6	27.500		Arabic
	MENA	Radio Sawa Morocco	radio	DVB-S2	5/6	27.500		Arabic
	MENA	Radio Sawa Djibouti	radio	DVB-S2	5/6	27.500		Arabic
	MENA	Radio Sawa Iraq	radio	DVB-S2	5/6	27.500		Arabic
	MENA	Radio Sawa Lebanon	radio	DVB-S2	5/6	27.500		Arabic
	MENA	Radio Sawa Jordan	radio	DVB-S2	5/6	27.500		Arabic
	MENA	Radio Sawa Gulf	radio	DVB-S2	5/6	27.500		Arabic
	MENA	Radio Sawa Sudan	radio	DVB-S2	5/6	27.500		Arabic
	MENA	Radio Sawa Egypt	radio	DVB-S2	5/6	27.500		Arabic
	MENA	VoA Iraq	radio	DVB-S2	5/6	27.500		
11.277	V MENA	Disney Junior Middle East	TV	DVB-S2	2/3	27.500	Verimatrix (B)	English,Arabic
11.296	H MENA	Rotana	package	DVB-S	3/4	27.500		
	MENA	Rotana Music	TV	DVB-S	3/4	27.500		Arabic
	MENA	Rotana Clip	TV	DVB-S	3/4	27.500		Arabic
	MENA	Rotana Khalejia	TV	DVB-S	3/4	27.500		Arabic
	MENA	Rotana Classic	TV	DVB-S	3/4	27.500		Arabic
	MENA	Rotana Drama	TV	DVB-S	3/4	27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Rotana Cinema Egypt	TV	DVB-S	3/4	27.500		Arabic
	MENA	Rotana Cinema KSA	TV	DVB-S	3/4	27.500		Arabic
	MENA	Alresalah TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Rotana FM	radio	DVB-S	3/4	27.500		Arabic
11.315	V MENA	Eutelsat MENA	package	DVB-S	7/8	27.500		
	MENA	Karameesh	TV	DVB-S	7/8	27.500		Arabic
	MENA	Taha TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Sawt Alitra TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Zitouna TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Angel TV Arabia	TV	DVB-S	7/8	27.500		English
	MENA	Hala London	TV	DVB-S	7/8	27.500		Arabic
	MENA	Shareeyah TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Saudi 24 Anti Terrorism	TV	DVB-S	7/8	27.500		Arabic
	MENA	Gazelle News	TV	DVB-S	7/8	27.500		Arabic
	MENA	Al Maaref TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	MD	TV	DVB-S	7/8	27.500		Arabic
	MENA	Al-Masar Al-Oula Satellite Channel	TV	DVB-S	7/8	27.500		Arabic
	MENA	Noor Jordan TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Libya TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Syrian Educational TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Suhail TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Aden TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Sat TV promo	TV	DVB-S	7/8	27.500		English
11.334	H MENA	Jasco	package	DVB-S2	3/4	27.500		
	MENA	Al-Dawlyia	TV	DVB-S2	3/4	27.500		Arabic
	MENA	Beity TV	TV	DVB-S2	3/4	27.500		Arabic
	MENA	Alerth Alnabawi Channel	TV	DVB-S2	3/4	27.500		Arabic
	MENA	Sham TV	TV	DVB-S2	3/4	27.500		Arabic
	MENA	22 Arab TV	TV	DVB-S2	3/4	27.500		Arabic
	MENA	Kaifa TV	TV	DVB-S2	3/4	27.500		Arabic
	MENA	ANB	TV	DVB-S2	3/4	27.500		Arabic
	MENA	Al Mahrah TV	TV	DVB-S2	3/4	27.500		Arabic
	MENA	Al Quds Today TV	TV	DVB-S2	3/4	27.500		Arabic
	MENA	A One TV	TV	DVB-S2	3/4	27.500		Arabic
	MENA	W.TV	TV	DVB-S2	3/4	27.500		Arabic
11.354	V MENA	STN	package	DVB-S2	3/4	27.500		
	MENA	Ava Entertainment	TV	DVB-S2	3/4	27.500		Arabic
	MENA	Kurdistan 24	TV	DVB-S2	3/4	27.500		Kurdish
	MENA	UTV	TV	DVB-S2	3/4	27.500		
	MENA	Al-Khalij TV	TV	DVB-S2	3/4	27.500		Arabic
	MENA	Kurdistan TV	TV	DVB-S2	3/4	27.500		Kurdish
	MENA	Zagros TV	TV	DVB-S2	3/4	27.500		Kurdish
	MENA	Çira TV	TV	DVB-S2	3/4	27.500		Kurdish
	MENA	Ronahî TV	TV	DVB-S2	3/4	27.500		Kurdish
	MENA	Payam TV	TV	DVB-S2	3/4	27.500		Kurdish
	MENA	Bangawaz TV	TV	DVB-S2	3/4	27.500		Arabic
	MENA	Sat 7 Kids	TV	DVB-S2	3/4	27.500		Arabic
	MENA	Sat 7 Arabic	TV	DVB-S2	3/4	27.500		Arabic
	MENA	Alkarma Praise	TV	DVB-S2	3/4	27.500		Arabic
	MENA	Atfal & Mawaheb	TV	DVB-S2	3/4	27.500		Arabic
	MENA	Aryen TV	TV	DVB-S2	3/4	27.500		Kurdish
	MENA	Dengê Welat	radio	DVB-S2	3/4	27.500		Kurdish
	MENA	Kurdistan 24 Radio	radio	DVB-S2	3/4	27.500		Kurdish
	MENA	Praise Live	radio	DVB-S2	3/4	27.500		English
11.373	H MENA	unknown	package	DVB-S2	5/6	27.500		
	MENA	Abu Dhabi Sports 3	TV	DVB-S2	5/6	27.500		"Arabic,English"
	MENA	Abu Dhabi Sports 4	TV	DVB-S2	5/6	27.500		"Arabic,English"
	MENA	Lana TV	TV	DVB-S2	5/6	27.500		Arabic
	MENA	RT Arabic	TV	DVB-S2	5/6	27.500		Arabic
	MENA	Libyan Business Channel	TV	DVB-S2	5/6	27.500		Arabic
	MENA	Al-Majd Public Channel	TV	DVB-S2	5/6	27.500		Arabic
	MENA	Türkmeneli TV	TV	DVB-S2	5/6	27.500		Turkish
	MENA	Mosul Time TV	TV	DVB-S2	5/6	27.500		
	MENA	Radyo Türkmeneli	radio	DVB-S2	5/6	27.500		Turkish

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Medi 1 TV Arabic	TV	DVB-S2	5/6	27.500		Arabic
	MENA	W.TV	TV	DVB-S2	5/6	27.500		Arabic
	MENA	Medi 1 Maghreb	radio	DVB-S2	5/6	27.500		Arabic
11.392	V MENA	Eutelsat MENA	package	DVB-S	7/8	27.500		
	MENA	Yemen Shabab Channel	TV	DVB-S	7/8	27.500		Arabic
	MENA	Nuuralhuda TV	TV	DVB-S	7/8	27.500		Somali
	MENA	Al Mayadeen TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Mokhatat Safawi 24	TV	DVB-S	7/8	27.500		Arabic
	MENA	Alrased	TV	DVB-S	7/8	27.500		Arabic
	MENA	Al Hayat	TV	DVB-S	7/8	27.500		Arabic
	MENA	Alikhbaria Syria	TV	DVB-S	7/8	27.500		Arabic
	MENA	TV Islaamaa	TV	DVB-S	7/8	27.500		Arabic
	MENA	SBN Global	TV	DVB-S	7/8	27.500		English
	MENA	Al-Iman TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Alkofiya TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Libya Panorama Channel	TV	DVB-S	7/8	27.500		Arabic
	MENA	Alkawthar TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Wesal TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Libya Alrasmia Channel	TV	DVB-S	7/8	27.500		Arabic
	MENA	TRT Arabi	TV	DVB-S	7/8	27.500		Arabic
11.411	H MENA	Radio Albachaer	radio	DVB-S	7/8	27.500		Arabic
	MENA	unknown	package	DVB-S	7/8	27.500		
	MENA	M Aflam	TV	DVB-S	7/8	27.500		Arabic
	MENA	Shababik Mosalslat	TV	DVB-S	7/8	27.500		Arabic
	MENA	Shababik Drama	TV	DVB-S	7/8	27.500		Arabic
	MENA	Shababik Aflam	TV	DVB-S	7/8	27.500		Arabic
	MENA	Shababik Cinema	TV	DVB-S	7/8	27.500		Arabic
	MENA	Shababik Classic	TV	DVB-S	7/8	27.500		Arabic
	MENA	Shababik Hekayat	TV	DVB-S	7/8	27.500		Arabic
	MENA	Show Moslsl	TV	DVB-S	7/8	27.500		Arabic
	MENA	Show Drama	TV	DVB-S	7/8	27.500		Arabic
	MENA	Show Aflam	TV	DVB-S	7/8	27.500		Arabic
	MENA	Batoot Kids	TV	DVB-S	7/8	27.500		Arabic
	MENA	Show Cinema	TV	DVB-S	7/8	27.500		Arabic
	MENA	Show Hekayat	TV	DVB-S	7/8	27.500		Arabic
	MENA	Modern Drama	TV	DVB-S	7/8	27.500		Arabic
	MENA	Modern Al Youm	TV	DVB-S	7/8	27.500		Arabic
	MENA	Orpit Plus Cinema	TV	DVB-S	7/8	27.500		Arabic
	MENA	Drama Alwan	TV	DVB-S	7/8	27.500		Arabic
	MENA	Modern Comedy	TV	DVB-S	7/8	27.500		Arabic
	MENA	Modern Cinema	TV	DVB-S	7/8	27.500		Arabic
	MENA	Modern Film	TV	DVB-S	7/8	27.500		Arabic
	MENA	Almasirah TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Orpit Plus Movies	TV	DVB-S	7/8	27.500		Arabic
	MENA	Darbaka Aflam	TV	DVB-S	7/8	27.500		Arabic
	MENA	Orpit Plus Al Youm	TV	DVB-S	7/8	27.500		Arabic
	MENA	Home Aflam	TV	DVB-S	7/8	27.500		Arabic
	MENA	Orpit Plus Hekayat	TV	DVB-S	7/8	27.500		Arabic
	MENA	Home Cienma	TV	DVB-S	7/8	27.500		Arabic
	MENA	Darbaka Cinema	TV	DVB-S	7/8	27.500		Arabic
	MENA	Darbaka Drama	TV	DVB-S	7/8	27.500		Arabic
	MENA	Darbaka Action	TV	DVB-S	7/8	27.500		Arabic
	MENA	M Drama	TV	DVB-S	7/8	27.500		Arabic
	MENA	Al Nour Quran	TV	DVB-S	7/8	27.500		Arabic
	MENA	Orpit Plus Drama	TV	DVB-S	7/8	27.500		Arabic
	MENA	Al Nassr TV 24	TV	DVB-S	7/8	27.500		Arabic
	MENA	Ashoroq TV	TV	DVB-S	7/8	27.500		Arabic
11.430	V MENA	unknown	package	DVB-S	5/6	27.500		
	MENA	Palestine Mobasher	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Kahera Wal Nas 2	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alghad TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Majan TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Azhari TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alghad TV	TV	DVB-S	5/6	27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Sada Elbalad Drama	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Nada TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Ten	TV	DVB-S	5/6	27.500		Arabic
11.449	H MENA	DMC	package	DVB-S	5/6	27.500		
	MENA	DMC	TV	DVB-S	5/6	27.500		Arabic
	MENA	DMC	TV	DVB-S	5/6	27.500		Arabic
	MENA	DMC Drama	TV	DVB-S	5/6	27.500		Arabic
	MENA	Zamalek TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Time Sports	TV	DVB-S	5/6	27.500		Arabic
	MENA	Time Sports	TV	DVB-S	5/6	27.500		Arabic
	MENA	NRJ Egypt	radio	DVB-S	5/6	27.500		Arabic
11.475	V NW Africa	SNRT	package	DVB-S	3/4	27.500		
	NW Africa	Al Aoula Middle East	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	2M National	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	Arryadia	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	Athaqafia	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	Al Maghribia	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	Assadissa	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	Tamazight	TV	DVB-S	3/4	27.500		Berber
	NW Africa	Medi 1 TV Arabic	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	Al Aoula Middle East	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	Al Aoula Middle East	TV	DVB-S	3/4	27.500		Arabic
	NW Africa	Medi 1 Maghreb	radio	DVB-S	3/4	27.500		Arabic
11.488	H MENA	ERTU 2	TV	DVB-S	5/6	27.500		Arabic
	MENA	Mdeeh	TV	DVB-S	5/6	27.500		Arabic
	MENA	Oscar TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al-Nahar TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al-Nahar Drama	TV	DVB-S	5/6	27.500		Arabic
	MENA	CBC Drama	TV	DVB-S	5/6	27.500		Arabic
	MENA	CBC	TV	DVB-S	5/6	27.500		Arabic
	MENA	Extra News	TV	DVB-S	5/6	27.500		Arabic
	MENA	CBC Sofra	TV	DVB-S	5/6	27.500		Arabic
11.514	V NW Africa	SNRT	package	DVB-S2	2/3	27.500		
	NW Africa	Al Aoula Middle East	TV	DVB-S2	2/3	27.500		Arabic
	NW Africa	Arryadia	TV	DVB-S2	2/3	27.500		Arabic
	NW Africa	Athaqafia	TV	DVB-S2	2/3	27.500		Arabic
	NW Africa	Al Maghribia	TV	DVB-S2	2/3	27.500		Arabic
	NW Africa	Assadissa	TV	DVB-S2	2/3	27.500		Arabic
	NW Africa	Tamazight	TV	DVB-S2	2/3	27.500		Arabic
11.526	H MENA	Eutelsat MENA	package	DVB-S	7/8	27.500		
	MENA	M Cinema	TV	DVB-S	7/8	27.500		Arabic
	MENA	Ahwazna Satellite Channel	TV	DVB-S	7/8	27.500		Arabic
	MENA	Waad FM TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	KTO	TV	DVB-S	7/8	27.500		French
	MENA	Al Masrawia Aflam	TV	DVB-S	7/8	27.500		Arabic
	MENA	Belqees TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Alalam News Channel	TV	DVB-S	7/8	27.500		Arabic
	MENA	SA 24	TV	DVB-S	7/8	27.500		Arabic
	MENA	Al Sa3aa Food	TV	DVB-S	7/8	27.500		Arabic
	MENA	Mazazikh	TV	DVB-S	7/8	27.500		Arabic
	MENA	Star Cinema 1	TV	DVB-S	7/8	27.500		Arabic
	MENA	SA 24 Live	TV	DVB-S	7/8	27.500		Arabic
	MENA	Star Cinema 2	TV	DVB-S	7/8	27.500		Arabic
	MENA	Aljamahiriya TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Sha3beyat	TV	DVB-S	7/8	27.500		Arabic
	MENA	D Cinema	TV	DVB-S	7/8	27.500		Arabic
	MENA	Al Bait Baitak Cinema	TV	DVB-S	7/8	27.500		Arabic
	MENA	IUC	TV	DVB-S	7/8	27.500		Arabic
	MENA	ME Sat	TV	DVB-S	7/8	27.500		Arabic
	MENA	Roqiaty TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Tayba TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Mickey TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Radio Mariam Arabic	radio	DVB-S	7/8	27.500		Arabic
11.559	V NW Africa	MBC	package	DVB-S	5/6	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	NW Africa	Al Hadath	TV	DVB-S	5/6	27.500		Arabic
	NW Africa	MBC 5	TV	DVB-S	5/6	27.500		Arabic
	NW Africa	MBC 4	TV	DVB-S	5/6	27.500		English
	NW Africa	MBC 3	TV	DVB-S	5/6	27.500		Arabic
	NW Africa	MBC Action	TV	DVB-S	5/6	27.500		English
	NW Africa	MBC 2	TV	DVB-S	5/6	27.500		Arabic
	NW Africa	MBC Max	TV	DVB-S	5/6	27.500		Arabic
	NW Africa	MBC Bollywood	TV	DVB-S	5/6	27.500		Arabic
	NW Africa	MBC Drama	TV	DVB-S	5/6	27.500		Arabic
	NW Africa	Wanasah	TV	DVB-S	5/6	27.500		Arabic
11.603	H MENA	Eutelsat MENA	package	DVB-S	7/8	27.500		
	MENA	Altaleaa TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Libya Elwatan	TV	DVB-S	7/8	27.500		Arabic
	MENA	Halaba TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Karbala Satellite Channel	TV	DVB-S	7/8	27.500		Arabic
	MENA	Alyaoum Cinema	TV	DVB-S	7/8	27.500		Arabic
	MENA	7Besha	TV	DVB-S	7/8	27.500		Arabic
	MENA	Supreme Master TV	TV	DVB-S	7/8	27.500		English
	MENA	Cima Alibaba	TV	DVB-S	7/8	27.500		Arabic
	MENA	Vozrozhdeniye	TV	DVB-S	7/8	27.500		Russian
	MENA	Mody Kids Channel	TV	DVB-S	7/8	27.500		Arabic
	MENA	Afrah TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Koky Kids	TV	DVB-S	7/8	27.500		Arabic
	MENA	Orient News	TV	DVB-S	7/8	27.500		Arabic
	MENA	Tok Tok Cinema	TV	DVB-S	7/8	27.500		Arabic
	MENA	Star Cinema 3	TV	DVB-S	7/8	27.500		Arabic
	MENA	Télé Tchad	TV	DVB-S	7/8	27.500		French
	MENA	Assirat TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Al Sa3aa Comedy	TV	DVB-S	7/8	27.500		Arabic
	MENA	February TV	TV	DVB-S	7/8	27.500		Arabic
	MENA	Al Shasha Cinema	TV	DVB-S	7/8	27.500		Arabic
	MENA	Al Qanat 9	TV	DVB-S	7/8	27.500		Arabic
	MENA	Almahriah TV promo	TV	DVB-S	7/8	27.500		Arabic
	MENA	Radio Tchad	radio	DVB-S	7/8	27.500		French
	MENA	Almahriah TV promo	TV	DVB-S	7/8	27.500		Arabic
	MENA	Alhouda	radio	DVB-S	7/8	27.500		Arabic
11.641	H MENA	unknown	package	DVB-S	5/6	27.500		
	MENA	IFilm Arabic	TV	DVB-S	5/6	27.500		"Arabic,Farsi"
	MENA	TV Alittihad	TV	DVB-S	5/6	27.500		Arabic
	MENA	Thaqalayn TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Hodhod Arabic TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Baeenah Iraq TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Eshraq TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Dua Channel	TV	DVB-S	5/6	27.500		
	MENA	Nabaa TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Qamar TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alalam News Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al-Sahat TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Press TV	TV	DVB-S	5/6	27.500		English
	MENA	Al-Naeem TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Radio Alalam FM	radio	DVB-S	5/6	27.500		Arabic
11.658	V NW Africa	ONT	package	DVB-S	2/3	27.500		
	NW Africa	Watania 1	TV	DVB-S	2/3	27.500		Arabic
	NW Africa	Elhiwar Ettounsi TV	TV	DVB-S	2/3	27.500		Arabic
	NW Africa	Tunisna TV	TV	DVB-S	2/3	27.500		Arabic
	NW Africa	Attesia TV	TV	DVB-S	2/3	27.500		Arabic
	NW Africa	M Tunisia	TV	DVB-S	2/3	27.500		Arabic
	NW Africa	Watania 2	TV	DVB-S	2/3	27.500		Arabic
	NW Africa	Telvza TV	TV	DVB-S	2/3	27.500		Arabic
	NW Africa	Al Janoubiya TV	TV	DVB-S	2/3	27.500		Arabic
	NW Africa	Carthage+	TV	DVB-S	2/3	27.500		Arabic
	NW Africa	Al Insen TV	TV	DVB-S	2/3	27.500		Arabic
	NW Africa	Hannibal TV	TV	DVB-S	2/3	27.500		Arabic
	NW Africa	Radio Nationale	radio	DVB-S	2/3	27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
11.680	NW Africa	Radio Tunis Chaîne Internationale	radio	DVB-S	2/3	27.500		
	NW Africa	Radio Culturelle	radio	DVB-S	2/3	27.500		Arabic
	H MENA	TDA	package	DVB-S	3/4	27.500		
	MENA	ENTV	TV	DVB-S	3/4	27.500	BISS	Arabic
	MENA	Canal Algérie 2	TV	DVB-S	3/4	27.500		Arabic
	MENA	Algérie 3	TV	DVB-S	3/4	27.500		Arabic
	MENA	TV 4 Amazigh	TV	DVB-S	3/4	27.500		
	MENA	TV 5 Coran	TV	DVB-S	3/4	27.500		Arabic
	MENA	Algérie 3	TV	DVB-S	3/4	27.500		Arabic
	MENA	TV 6	TV	DVB-S	3/4	27.500		Arabic
	MENA	Chaîne 1	radio	DVB-S	3/4	27.500		Arabic
	MENA	Chaîne 2	radio	DVB-S	3/4	27.500		Berber
	MENA	Chaîne 3	radio	DVB-S	3/4	27.500		French
	MENA	Radio Décrochage	radio	DVB-S	3/4	27.500		
	MENA	Radio Bahdja	radio	DVB-S	3/4	27.500		Arabic
	MENA	Radio Décrochage 2	radio	DVB-S	3/4	27.500		
	MENA	Radio Algérie Internationale	radio	DVB-S	3/4	27.500		Arabic
	MENA	Radio Sahel	radio	DVB-S	3/4	27.500		Arabic
	MENA	Jil FM	radio	DVB-S	3/4	27.500		French
	MENA	Radio Coran	radio	DVB-S	3/4	27.500		Arabic
	MENA	Radio Ouargla	radio	DVB-S	3/4	27.500		Arabic
	MENA	Radio Tamanrasset	radio	DVB-S	3/4	27.500		Arabic
	MENA	Radio Bechar	radio	DVB-S	3/4	27.500		
	MENA	Radio Adrar	radio	DVB-S	3/4	27.500		Arabic
	MENA	Radio Illizi	radio	DVB-S	3/4	27.500		
	MENA	Radio Tindouf	radio	DVB-S	3/4	27.500		Arabic
	MENA	Radio Chlef	radio	DVB-S	3/4	27.500		
	MENA	Radio D'Oum El Bouaghi	radio	DVB-S	3/4	27.500		
	MENA	Radio Biskra	radio	DVB-S	3/4	27.500		Arabic
	MENA	Radio Blida	radio	DVB-S	3/4	27.500		
	MENA	Radio Setif	radio	DVB-S	3/4	27.500		French
	MENA	Radio Sidi Bel Abbès	radio	DVB-S	3/4	27.500		
	MENA	Radio Annaba	radio	DVB-S	3/4	27.500		
	MENA	Radio Constantine	radio	DVB-S	3/4	27.500		
	MENA	Radio Mostaganem	radio	DVB-S	3/4	27.500		
	MENA	Radio Msila	radio	DVB-S	3/4	27.500		
	MENA	Radio Oran	radio	DVB-S	3/4	27.500		
	MENA	Radio Bordj Bou-Argeridj	radio	DVB-S	3/4	27.500		
	MENA	Radio Boumerdes	radio	DVB-S	3/4	27.500		
	MENA	Radio El Tarf	radio	DVB-S	3/4	27.500		Arabic
	MENA	Radio Souk Ahras	radio	DVB-S	3/4	27.500		Arabic
	MENA	Radio Ain Temouchent	radio	DVB-S	3/4	27.500		
MENA	Radio Relizane	radio	DVB-S	3/4	27.500			
MENA	Radio Naama	radio	DVB-S	3/4	27.500			
MENA	Radio Tiaret	radio	DVB-S	3/4	27.500			
MENA	Radio Tipaza	radio	DVB-S	3/4	27.500			
MENA	Radio Saïda	radio	DVB-S	3/4	27.500			
MENA	Radio Jijel	radio	DVB-S	3/4	27.500			
MENA	Radio Tebessa	radio	DVB-S	3/4	27.500			
MENA	Radio Medea	radio	DVB-S	3/4	27.500			
MENA	Radio Mascara	radio	DVB-S	3/4	27.500			
MENA	Radio El Bayadh	radio	DVB-S	3/4	27.500			
MENA	Radio El-Oued	radio	DVB-S	3/4	27.500			
MENA	Radio Batna	radio	DVB-S	3/4	27.500			
MENA	Radio Laghouat	radio	DVB-S	3/4	27.500			
MENA	Radio Ain Defla	radio	DVB-S	3/4	27.500			
MENA	Radio Tissemsilt	radio	DVB-S	3/4	27.500			
MENA	Radio Bouira	radio	DVB-S	3/4	27.500			
MENA	Radio Guelma	radio	DVB-S	3/4	27.500			
MENA	Radio Mila	radio	DVB-S	3/4	27.500			
MENA	Radio regionale de Skikda	radio	DVB-S	3/4	27.500			
MENA	Radio Khenchla	radio	DVB-S	3/4	27.500			
MENA	Radio Djelfa	radio	DVB-S	3/4	27.500			
MENA	Radio Tizi Ouzou	radio	DVB-S	3/4	27.500			

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Radio Bejaia	radio	DVB-S	3/4	27.500		
	MENA	Radio Tlemcen	radio	DVB-S	3/4	27.500		
11.682	V NW Africa	unknown	package	DVB-S	1/2	4.814	Conax	
	NW Africa	Wisal Hausa TV	TV	DVB-S	1/2	4.814		Hausa
	NW Africa	BW TV Bravo	TV	DVB-S	1/2	4.814	Conax	German
	NW Africa	Radio Andernach	radio	DVB-S	1/2	4.814	Conax	German
12.111	H MENA	Oman TV	package	DVB-S	3/4	27.500		
	MENA	Oman TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Oman TV Sport	TV	DVB-S	3/4	27.500		Arabic
	MENA	Oman TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Oman TV Mubashir	TV	DVB-S	3/4	27.500		Arabic
	MENA	Oman TV Sport	TV	DVB-S	3/4	27.500		Arabic
	MENA	Oman TV Mubashir	TV	DVB-S	3/4	27.500		Arabic
	MENA	Oman TV Cultural	TV	DVB-S	3/4	27.500		Arabic
	MENA	Oman TV Cultural	TV	DVB-S	3/4	27.500		Arabic
	MENA	Radio Oman	radio	DVB-S	3/4	27.500		Arabic
	MENA	Al-Shabab	radio	DVB-S	3/4	27.500		Arabic
	MENA	Radio Oman FM	radio	DVB-S	3/4	27.500		English
	MENA	Holy Quran Radio	radio	DVB-S	3/4	27.500		Arabic
	MENA	Oman Classic Radio	radio	DVB-S	3/4	27.500		English
	MENA	Sawt Oman	radio	DVB-S	3/4	27.500		Arabic
12.169	V MENA	unknown	package	DVB-S	5/6	27.500		
	MENA	Sada Elbalad 2	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Saha TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Hadath	TV	DVB-S	5/6	27.500		Arabic
	MENA	Radio Hits 88.2	radio	DVB-S	5/6	27.500		Arabic
	MENA	Mega 92.7 FM	radio	DVB-S	5/6	27.500		Arabic
	MENA	Nagham FM	radio	DVB-S	5/6	27.500		Arabic
	MENA	Sha3by FM	radio	DVB-S	5/6	27.500		Arabic
12.188	H MENA	unknown	package	DVB-S2	3/4	27.500		
	MENA	Huda TV	TV	DVB-S2	3/4	27.500		English
	MENA	Music Haneen	TV	DVB-S2	3/4	27.500		Arabic
12.322	V MENA	Du	package	DVB-S2	3/4	30.000		
	MENA	Dubai Sports	TV	DVB-S2	3/4	30.000		Arabic
	MENA	Dubai TV	TV	DVB-S2	3/4	30.000		Arabic
	MENA	Dubai Racing	TV	DVB-S2	3/4	30.000		Arabic
	MENA	Madani Channel Urdu	TV	DVB-S2	3/4	30.000		Urdu
	MENA	Sama Dubai	TV	DVB-S2	3/4	30.000		Arabic
	MENA	Al Dafrah TV	TV	DVB-S2	3/4	30.000		Arabic
	MENA	Fujairah TV	TV	DVB-S2	3/4	30.000		Arabic
	MENA	Baynounah TV	TV	DVB-S2	3/4	30.000		Arabic
	MENA	Zayed Radio	radio	DVB-S2	3/4	30.000		Arabic
	MENA	Fujairah 92.6 FM	radio	DVB-S2	3/4	30.000		Arabic
12.341	H MENA	Nilesat	package	DVB-S	5/6	27.500		
	MENA	Al Mowselya TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	PNC Drama	TV	DVB-S	5/6	27.500		Arabic
	MENA	PNC Food	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Ahly TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	PNC Drama 2	TV	DVB-S	5/6	27.500		English
	MENA	Yemen Today TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alahad TV	TV	DVB-S	5/6	27.500		Arabic
12.360	V MENA	Du	package	DVB-S	5/6	27.500		
	MENA	Alsumaria	TV	DVB-S	5/6	27.500		Arabic
	MENA	Ennahar TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alghadye	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Rasheed TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Samira TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Chada TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	ESat	TV	DVB-S	5/6	27.500		Amharic
	MENA	Lana TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Sumer FM	radio	DVB-S	5/6	27.500		Arabic
	MENA	Al Rasheed FM	radio	DVB-S	5/6	27.500		Arabic
12.380	H MENA	Nilesat	package	DVB-S	5/6	27.500		
	MENA	Almasar Satellite Channel	TV	DVB-S	5/6	27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Egypt Educational Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Rafidain TV	TV	DVB-S	5/6	27.500		Arabic
12.399	V MENA	Jordan Media City	package	DVB-S	5/6	27.500		
	MENA	Altaghier TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Jordan Shams Al-Arab	TV	DVB-S	5/6	27.500		Arabic
	MENA	Makkah TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Roya TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	218 News	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Ghufraan TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Ahl-Alquran TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	218	TV	DVB-S	5/6	27.500		Arabic
	MENA	Karkok Alan	TV	DVB-S	5/6	27.500		
	MENA	Jordan Now TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	TT1	TV	DVB-S	5/6	27.500		
	MENA	RealEstate TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Jenan TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Sama Jordan	TV	DVB-S	5/6	27.500		Arabic
	MENA	MBCode	TV	DVB-S	5/6	27.500		Arabic
	MENA	VoA Africa 24	TV	DVB-S	5/6	27.500		English
	MENA	Jannah TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Sport TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Amen FM TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Fact International	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Haqqa	TV	DVB-S	5/6	27.500		Arabic
	MENA	Hadramout Satellite Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Oyoun Al-Watan TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	El Adjwaa TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Hayat FM	radio	DVB-S	5/6	27.500		Arabic
12.418	H MENA	Dubai Media	package	DVB-S	3/4	27.500		
	MENA	Dubai TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Sama Dubai	TV	DVB-S	3/4	27.500		Arabic
	MENA	Dubai One	TV	DVB-S	3/4	27.500		English
	MENA	Dubai Sports 2	TV	DVB-S	3/4	27.500		Arabic
	MENA	Dubai Sports 3	TV	DVB-S	3/4	27.500		Arabic
	MENA	Dubai Racing 2	TV	DVB-S	3/4	27.500		Arabic
	MENA	Dubai Racing 3	TV	DVB-S	3/4	27.500		Arabic
	MENA	Noor Dubai	TV	DVB-S	3/4	27.500		Arabic
	MENA	Dubai Zaman	TV	DVB-S	3/4	27.500		Arabic
	MENA	Dubai One	TV	DVB-S	3/4	27.500		English
	MENA	Noor Dubai Radio	radio	DVB-S	3/4	27.500		English
	MENA	Dubai Radio 93	radio	DVB-S	3/4	27.500		Arabic
12.437	V MENA	Nilesat	package	DVB-S	5/6	27.500		
	MENA	Diwan TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alanbar Satellite Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alhayah Mosalsalat	TV	DVB-S	5/6	27.500		Arabic
12.467	H MENA	Abu Dhabi TV Network	package	DVB-S2	2/3	27.500		
	MENA	Abu Dhabi TV	TV	DVB-S2	2/3	27.500		Arabic
	MENA	Emarat TV	TV	DVB-S2	2/3	27.500		Arabic
	MENA	Majid	TV	DVB-S2	2/3	27.500		Arabic
	MENA	Abu Dhabi Drama	TV	DVB-S2	2/3	27.500		Arabic
	MENA	Abu Dhabi Sports 1	TV	DVB-S2	2/3	27.500		"Arabic,English"
	MENA	Abu Dhabi Sports 2	TV	DVB-S2	2/3	27.500		"Arabic,English"
	MENA	Yas TV	TV	DVB-S2	2/3	27.500		"Arabic,English"
	MENA	National Geographic Abu Dhabi	TV	DVB-S2	2/3	27.500		Arabic

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10.972	V Super	Fransat	package	DVB-S2	3/4	29.950	Viaccess	
	Super	France 3 Aquitaine	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	France 3 Auvergne	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	France 3 Alpes	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	France 3 Limousin	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	France 3 Rhône-Alpes	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	France 3 Provence-Alpes	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	France 3 Languedoc-Roussillon	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	France 3 Pays de la Loire	TV	DVB-S2	3/4	29.950	Viaccess	French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang	
11.013	Super	France 3 Bretagne	TV	DVB-S2	3/4	29.950	Viaccess	French	
	V Super	RAI	package	DVB-S2	3/5	30.000			
	Super	Rai Sport	TV	DVB-S2	3/5	30.000		Italian	
	Super	Rai Scuola	TV	DVB-S2	3/5	30.000		Italian	
	Super	Rai 5	TV	DVB-S2	3/5	30.000		Italian	
	Super	Rai Storia	TV	DVB-S2	3/5	30.000		Italian	
	Super	Rai Radio 3 Classica	radio	DVB-S2	3/5	30.000		Italian	
	Super	Rai Gr Parlamento	radio	DVB-S2	3/5	30.000		Italian	
	Super	Rai Isoradio	radio	DVB-S2	3/5	30.000		Italian	
	Super	Rai Radio Tutta Italiana	radio	DVB-S2	3/5	30.000		Italian	
	Super	Rai Radio Techete'	radio	DVB-S2	3/5	30.000		Italian	
	Super	Rai Radio Live	radio	DVB-S2	3/5	30.000		Italian	
	Super	Rai Radio Kids	radio	DVB-S2	3/5	30.000		Italian	
	Super	Rai Radio 1 Sport	radio	DVB-S2	3/5	30.000		Italian	
	Super	Rai Radio 2 Indie	radio	DVB-S2	3/5	30.000		Italian	
	Super	RAI	package	DVB-S2	3/5	30.000			
	11.054	V Super	Rai 3 Piemonte	TV	DVB-S2	3/5	30.000		Italian
Super		Fransat	package	DVB-S2	3/4	29.950	Viaccess		
Super		ETB 1	TV	DVB-S2	3/4	29.950	Viaccess	Basque	
Super		ETB 3	TV	DVB-S2	3/4	29.950	Viaccess	Basque	
Super		France 3 Picardie	TV	DVB-S2	3/4	29.950	Viaccess	French	
Super		France 3 Nord Pas-de-Calais	TV	DVB-S2	3/4	29.950	Viaccess	French	
Super		France 3 Lorraine	TV	DVB-S2	3/4	29.950	Viaccess	French	
Super		France 3 Côte d'Azur	TV	DVB-S2	3/4	29.950	Viaccess	French	
Super		France 3 Poitou-Charentes	TV	DVB-S2	3/4	29.950	Viaccess	French	
Super		France 3 Champagne-Ardenne	TV	DVB-S2	3/4	29.950	Viaccess	French	
Super		France 3 Alsace	TV	DVB-S2	3/4	29.950	Viaccess	French	
Super		France 3 Midi-Pyrénées	TV	DVB-S2	3/4	29.950	Viaccess	French	
Super		France 3 Corse Via Stella	TV	DVB-S2	3/4	29.950	Viaccess	French	
11.096	V Super	Fransat	package	DVB-S2	3/4	29.950	Viaccess		
	Super	TF 1	TV	DVB-S2	3/4	29.950	Viaccess	French	
	Super	M6	TV	DVB-S2	3/4	29.950	Viaccess	French	
	Super	ARTE Français	TV	DVB-S2	3/4	29.950	Viaccess	"French,German"	
	Super	NRJ 12	TV	DVB-S2	3/4	29.950	Viaccess	French	
	Super	France 5	TV	DVB-S2	3/4	29.950	Viaccess	French	
	Super	W9	TV	DVB-S2	3/4	29.950	Viaccess	French	
	Super	6ter	TV	DVB-S2	3/4	29.950	Viaccess	French	
	Super	TMC	TV	DVB-S2	3/4	29.950	Viaccess	French	
	Super	TFX	TV	DVB-S2	3/4	29.950	Viaccess	"French,English"	
	Super	LCP Assemblée Nationale	TV	DVB-S2	3/4	29.950	Viaccess	French	
	Super	Public Sénat	TV	DVB-S2	3/4	29.950	Viaccess	French	
	11.137	V Super	Fransat	package	DVB-S2	2/3	29.950	Viaccess	
Super		RMC Sport 1	TV	DVB-S2	2/3	29.950	Viaccess	French	
Super		RMC Sport 4	TV	DVB-S2	2/3	29.950	Viaccess	French	
Super		BFM Business	TV	DVB-S2	2/3	29.950	Viaccess	French	
Super		BFM Paris	TV	DVB-S2	2/3	29.950	Viaccess	French	
Super		RMC Sport 2	TV	DVB-S2	2/3	29.950	Viaccess	French	
Super		RMC Sport 3	TV	DVB-S2	2/3	29.950	Viaccess	French	
Super		BFM Lyon	TV	DVB-S2	2/3	29.950	Viaccess	French	
Super		I24 News Français	TV	DVB-S2	2/3	29.950	Viaccess	French	
Super		01 TV	TV	DVB-S2	2/3	29.950	Viaccess	French	
Super		Label TV	TV	DVB-S2	2/3	29.950	Viaccess	French	
11.179		V Super	RAI	package	DVB-S2	3/5	30.000		
		Super	Rai Premium	TV	DVB-S2	3/5	30.000		Italian
	Super	Rai Yoyo	TV	DVB-S2	3/5	30.000		Italian	
	Super	Rai 4	TV	DVB-S2	3/5	30.000		Italian	
	Super	Rai Gulp	TV	DVB-S2	3/5	30.000		Italian	
	Super	Rai Movie	TV	DVB-S2	3/5	30.000		Italian	
	Super	Rai 1	TV	DVB-S2	3/5	30.000		Italian	
	Super	RAI	package	DVB-S2	3/5	30.000			
	Super	Rai 2	TV	DVB-S2	3/5	30.000		Italian	
	Super	Rai 3	TV	DVB-S2	3/5	30.000		Italian	
	Super	Rai Sport + HD	TV	DVB-S2	3/5	30.000		Italian	
	Super	RAI	package	DVB-S2	3/5	30.000			

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Super	Rai 3 Sardegna	TV	DVB-S2	3/5	30.000		Italian
	Super	Rai Radio 1	radio	DVB-S2	3/5	30.000		Italian
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	Rai 3 Campania	TV	DVB-S2	3/5	30.000		Italian
	Super	Rai Radio 1	radio	DVB-S2	3/5	30.000		Italian
11.456	H Super	TowerCast	package	DVB-S2	3/4	2.400		
	Super	Skyrock	radio	DVB-S2	3/4	2.400		French
	Super	NRJ France	radio	DVB-S2	3/4	2.400		French
	Super	Nostalgie	radio	DVB-S2	3/4	2.400		French
11.458	H Super	TowerCast	package	DVB-S	1/2	.543		
	Super	Nostalgie Belgique	radio	DVB-S	1/2	.543		French
	Super	NRJ Belgique	radio	DVB-S	1/2	.543		French
11.465	H Super	Alouette	package	DVB-S2	3/5	.667		
	Super	Alouette	radio	DVB-S2	3/5	.667		French
	Super	Alouette	radio	DVB-S2	3/5	.667		French
	Super	Alouette	radio	DVB-S2	3/5	.667		French
11.471	V Super	Fransat	package	DVB-S2	3/4	29.950	Viaccess	
	Super	TF 1 Séries Films	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	L'Équipe	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	RMC Story	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	RMC Découverte	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	Chérie 25	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	C News	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	BFM TV	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	C8	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	C Star	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	Gulli	TV	DVB-S2	3/4	29.950	Viaccess	French
11.480	H Super	TDF	package	DVB-S2	3/4	3.215		
	Super	RTL	radio	DVB-S2	3/4	3.215		French
	Super	RTL 2	radio	DVB-S2	3/4	3.215		French
	Super	Fun Radio	radio	DVB-S2	3/4	3.215		French
	Super	Radio Classique	radio	DVB-S2	3/4	3.215		French
	Super	Europe 1	radio	DVB-S2	3/4	3.215		French
	Super	Virgin Radio France	radio	DVB-S2	3/4	3.215		French
	Super	RFM	radio	DVB-S2	3/4	3.215		French
	Super	RMC	radio	DVB-S2	3/4	3.215		French
	Super	BFM Business Radio	radio	DVB-S2	3/4	3.215		French
	Super	France Inter	radio	DVB-S2	3/4	3.215		French
	Super	France Culture	radio	DVB-S2	3/4	3.215		French
	Super	France Musique	radio	DVB-S2	3/4	3.215		French
	Super	FIIP	radio	DVB-S2	3/4	3.215		French
	Super	Franceinfo: Radio	radio	DVB-S2	3/4	3.215		French
	Super	Mouv'	radio	DVB-S2	3/4	3.215		French
	Super	MFM Radio	radio	DVB-S2	3/4	3.215		French
	Super	Sud Radio	radio	DVB-S2	3/4	3.215		French
11.509	H Super	unknown	package	DVB-S2	8/9	29.500		
	Super	France 2	TV	DVB-S2	8/9	29.500		French
	Super	France 4	TV	DVB-S2	8/9	29.500		French
	Super	France 3	TV	DVB-S2	8/9	29.500		French
	Super	unknown	package	DVB-S2	8/9	29.500		
	Super	M6	TV	DVB-S2	8/9	29.500		French
	Super	W9	TV	DVB-S2	8/9	29.500		French
	Super	ARTE Français	TV	DVB-S2	8/9	29.500		"French,German"
	Super	France 5	TV	DVB-S2	8/9	29.500		French
	Super	6ter	TV	DVB-S2	8/9	29.500		French
	Super	unknown	package	DVB-S2	8/9	29.500		
	Super	TF 1	TV	DVB-S2	8/9	29.500		French
	Super	NRJ 12	TV	DVB-S2	8/9	29.500		French
	Super	TFX	TV	DVB-S2	8/9	29.500		French
	Super	TMC	TV	DVB-S2	8/9	29.500		French
	Super	LCP Assemblée Nationale	TV	DVB-S2	8/9	29.500		French
	Super	Public Sénat	TV	DVB-S2	8/9	29.500		French
11.554	V Super	Fransat	package	DVB-S2	3/4	29.950	Viaccess	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Super	France 2	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	France 3	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	France 4	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	Canal + France clair Fransat	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	LCI	TV	DVB-S2	3/4	29.950	Viaccess	French
11.596	V Super	Fransat	package	DVB-S2	2/3	29.950	Viaccess	
	Super	Fransat Ultra HD promo	TV	DVB-S2	2/3	29.950	Viaccess	French
11.637	V Super	RAI	package	DVB-S2	3/5	30.000		
	Super	Rai 1	TV	DVB-S2	3/5	Y 30.000		Italian
	Super	Rai 2	TV	DVB-S2	3/5	Y 30.000		Italian
	Super	Rai 3	TV	DVB-S2	3/5	Y 30.000		Italian
	Super	Rai News 24	TV	DVB-S2	3/5	Y 30.000		Italian
	Super	Rai Radio 1	radio	DVB-S2	3/5	30.000		Italian
	Super	Rai Radio 2	radio	DVB-S2	3/5	30.000		Italian
	Super	Rai Radio 3	radio	DVB-S2	3/5	30.000		Italian
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	Rai 3 Toscana	TV	DVB-S2	3/5	30.000		Italian
	Super	Rai Radio 1	radio	DVB-S2	3/5	30.000		Italian
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	Rai 3 Umbria	TV	DVB-S2	3/5	30.000		Italian
	Super	Rai Radio 1	radio	DVB-S2	3/5	30.000		Italian
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	Rai 3 Lazio	TV	DVB-S2	3/5	30.000		Italian
	Super	Rai Radio 1	radio	DVB-S2	3/5	30.000		Italian
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	Rai 3 Marche	TV	DVB-S2	3/5	30.000		Italian
	Super	Rai Radio 1	radio	DVB-S2	3/5	30.000		Italian
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	Rai 3 Liguria	TV	DVB-S2	3/5	30.000		Italian
	Super	Rai Radio 1	radio	DVB-S2	3/5	30.000		Italian
11.675	H Super	RAI	package	DVB-S2	2/3	30.000		
	Super	Rai 3 Piemonte	TV	DVB-S2	2/3	30.000		Italian
	Super	Rai Radio 1	radio	DVB-S2	2/3	30.000		Italian
	Super	RAI	package	DVB-S2	2/3	30.000		
	Super	Rai 3 Lombardia	TV	DVB-S2	2/3	30.000		Italian
	Super	Rai Radio 1	radio	DVB-S2	2/3	30.000		Italian
	Super	RAI	package	DVB-S2	2/3	30.000		
	Super	Rai 3 Veneto	TV	DVB-S2	2/3	30.000		Italian
	Super	Rai Radio 1	radio	DVB-S2	2/3	30.000		Italian
	Super	RAI	package	DVB-S2	2/3	30.000		
	Super	Rai 3 Emilia Romagna	TV	DVB-S2	2/3	30.000		Italian
	Super	Rai Radio 1	radio	DVB-S2	2/3	30.000		Italian
	Super	RAI	package	DVB-S2	2/3	30.000		
	Super	Rai 3 Abruzzo	TV	DVB-S2	2/3	30.000		Italian
	Super	Rai Radio 1	radio	DVB-S2	2/3	30.000		Italian
	Super	RAI	package	DVB-S2	2/3	30.000		
	Super	Rai 3 Molise	TV	DVB-S2	2/3	30.000		Italian
	Super	Rai Radio 1	radio	DVB-S2	2/3	30.000		Italian
	Super	RAI	package	DVB-S2	2/3	30.000		
	Super	Rai 3 Basilicata	TV	DVB-S2	2/3	30.000		Italian
	Super	Rai Radio 1	radio	DVB-S2	2/3	30.000		Italian
	Super	RAI	package	DVB-S2	2/3	30.000		
	Super	Rai 3 Puglia	TV	DVB-S2	2/3	30.000		Italian
	Super	Rai Radio 1	radio	DVB-S2	2/3	30.000		Italian
	Super	RAI	package	DVB-S2	2/3	30.000		
	Super	Rai 3 Calabria	TV	DVB-S2	2/3	30.000		Italian
	Super	Rai Radio 1	radio	DVB-S2	2/3	30.000		Italian
	Super	RAI	package	DVB-S2	2/3	30.000		
	Super	Rai 3 Sicilia	TV	DVB-S2	2/3	30.000		Italian
	Super	Rai Radio 1	radio	DVB-S2	2/3	30.000		Italian
11.679	V Super	Fransat	package	DVB-S2	3/4	29.950	Viaccess	
	Super	France 3	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	RMC Sport UHD	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	France 3 Franche-Comté	TV	DVB-S2	3/4	29.950	Viaccess	French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Super	France 3 Basse-Normandie	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	France 3 Bourgogne	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	France 3 Centre-Val de Loire	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	France 3 Paris Ile-de-France	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	France 3 Haute-Normandie	TV	DVB-S2	3/4	29.950	Viaccess	French
12.648	V Super	unknown	package	DVB-S2	8/9	29.500		
	Super	TF 1 Séries Films	TV	DVB-S2	8/9	29.500		French
	Super	L'Équipe	TV	DVB-S2	8/9	29.500		French
	Super	Chérie 25	TV	DVB-S2	8/9	29.500		French
	Super	RMC Découverte	TV	DVB-S2	8/9	29.500		French
	Super	RMC Story	TV	DVB-S2	8/9	29.500		French
	Super	unknown	package	DVB-S2	8/9	29.500		
	Super	C8	TV	DVB-S2	8/9	29.500		French
	Super	BFM TV	TV	DVB-S2	8/9	29.500		French
	Super	C News	TV	DVB-S2	8/9	29.500		French
	Super	C Star	TV	DVB-S2	8/9	29.500		French
	Super	Gulli	TV	DVB-S2	8/9	29.500		French
	Super	unknown	package	DVB-S2	8/9	29.500	Mediaguard/Nagravision	
	Super	Canal + France	TV	DVB-S2	8/9	29.500		French
	Super	Canal + Cinéma France	TV	DVB-S2	8/9	29.500	Mediaguard/Nagravision	French
	Super	Canal + Sport France	TV	DVB-S2	8/9	29.500	Mediaguard/Nagravision	French
	Super	Planète +	TV	DVB-S2	8/9	29.500	Mediaguard/Nagravision	French
	Super	LCI	TV	DVB-S2	8/9	29.500		French
	Super	Paris Première	TV	DVB-S2	8/9	29.500	Mediaguard/Nagravision	French
	Super	Canal + France	TV	DVB-S2	8/9	29.500	Mediaguard/Nagravision	French
12.669	H Super	Rete 4	TV	DVB-S2	2/3	35.000		Italian
12.690	V Super	Fransat	package	DVB-S2	3/4	29.950		
	Super	RCF Limousin	radio	DVB-S2	3/4	29.950		French
	Super	RCF Anjou	radio	DVB-S2	3/4	29.950		French
	Super	RCF Jerico Moselle	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu 107.1	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Alsace	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Armorique	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Auxerre	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Azur	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Normandie Calvados - Orne	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Béarn	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Belfort-Montbéliard	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Berry	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Besançon	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Bourgogne	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Breizh Izel	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Champagne-Ardenne	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Cotentin	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Creuse	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Drôme-Ardèche	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu RCFM	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Gard Lozère	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Gascogne	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Gironde	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Normandie Seine-Maritime - Eure	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Hérault	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Isère	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu La Rochelle	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Limousin	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Loire Océan	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Lorraine Nord	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Maine	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Mayenne	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Nord	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Orléans	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Pays Basque	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Pays d'Auvergne	radio	DVB-S2	3/4	29.950		French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Super	France Bleu Pays de Savoie	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Périgord	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Picardie	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Poitou	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Provence	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Roussillon	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Saint-Étienne Loire	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Sud Lorraine	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Occitanie	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Touraine	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu Vaucluse	radio	DVB-S2	3/4	29.950		French
	Super	FIP	radio	DVB-S2	3/4	29.950		French
	Super	France Bleu	radio	DVB-S2	3/4	29.950		French
	Super	Radio Espérance	radio	DVB-S2	3/4	29.950		French
	Super	RCF Alpha	radio	DVB-S2	3/4	29.950		French
	Super	RCF Pays de l'Ain	radio	DVB-S2	3/4	29.950		French
	Super	RCF Pays d'Aude	radio	DVB-S2	3/4	29.950		French
	Super	RCF en Berry	radio	DVB-S2	3/4	29.950		French
	Super	RCF Corrèze	radio	DVB-S2	3/4	29.950		French
	Super	RCF Drôme	radio	DVB-S2	3/4	29.950		French
	Super	RCF Loir-et-Cher	radio	DVB-S2	3/4	29.950		French
	Super	RCF Savoie	radio	DVB-S2	3/4	29.950		French
	Super	RCF Isère	radio	DVB-S2	3/4	29.950		French
	Super	RCF Vendée	radio	DVB-S2	3/4	29.950		French
	Super	RCF National	radio	DVB-S2	3/4	29.950		French
	Super	RCF Lyon	radio	DVB-S2	3/4	29.950		French
	Super	RCF Haute-Loire	radio	DVB-S2	3/4	29.950		French
	Super	RCF Vaucluse	radio	DVB-S2	3/4	29.950		French
	Super	RCF en Bourgogne	radio	DVB-S2	3/4	29.950		French
	Super	RCF Touraine	radio	DVB-S2	3/4	29.950		French
	Super	RCF C ₂ ur de Champagne	radio	DVB-S2	3/4	29.950		French
	Super	RCF Haute-Normandie	radio	DVB-S2	3/4	29.950		French
	Super	RCF Haute-Savoie	radio	DVB-S2	3/4	29.950		French
	Super	RCF Allier	radio	DVB-S2	3/4	29.950		French
	Super	RCF Bordeaux	radio	DVB-S2	3/4	29.950		French
	Super	RCF Alpes-Provence	radio	DVB-S2	3/4	29.950		French
	Super	RCF Besançon	radio	DVB-S2	3/4	29.950		French
	Super	RCF Aube Haute-Marne	radio	DVB-S2	3/4	29.950		French
	Super	RCF Poitou	radio	DVB-S2	3/4	29.950		French
	Super	RCF Reims-Ardennes	radio	DVB-S2	3/4	29.950		French
12.732	V Super	Fransat	package	DVB-S2	2/3	29.950	Viaccess	
	Super	NASA TV UHD	TV	DVB-S2	2/3	29.950	Viaccess	English

EUTELSAT 3B

3.660	R Global	Libya Al Wataniya	TV	DVB-S	5/6	2.900		Arabic
3.729	L Global	Burkina Faso mux	package	DVB-S2	3/5	16.833		
	Global	RTB TV	TV	DVB-S2	3/5	16.833		French
	Global	RTB Zenit	TV	DVB-S2	3/5	16.833		French
	Global	SMTV	TV	DVB-S2	3/5	16.833		French
	Global	TVZ Africa	TV	DVB-S2	3/5	16.833		French
	Global	Canal 3	TV	DVB-S2	3/5	16.833		French
	Global	BF1	TV	DVB-S2	3/5	16.833		French
	Global	Burkina Info TV	TV	DVB-S2	3/5	16.833		French
	Global	CVK	TV	DVB-S2	3/5	16.833		French
	Global	ImpacTV	TV	DVB-S2	3/5	16.833		French
	Global	TV Maria	TV	DVB-S2	3/5	16.833		French
	Global	TV Al Houda	TV	DVB-S2	3/5	16.833		French
	Global	El-Bethel TV	TV	DVB-S2	3/5	16.833		French
	Global	3 TV	TV	DVB-S2	3/5	16.833		French
	Global	Omega TV	TV	DVB-S2	3/5	16.833		French
	Global	Savane TV	TV	DVB-S2	3/5	16.833		French
	Global	LCA	TV	DVB-S2	3/5	16.833		French
	Global	RTB Radio	radio	DVB-S2	3/5	16.833		French
	Global	RTB Radio 2	radio	DVB-S2	3/5	16.833		French
	Global	Radio Rurale	radio	DVB-S2	3/5	16.833		French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
3.834	L Global	Top Congo FM	radio	DVB-S2	1/2	1.107	BISS	French
4.011	L Global	DW TV	TV	DVB-S2	3/4	3.450		
4.018	L Global	ETV News	TV	DVB-S2	3/5	2.874		Amharic
4.024	L Global	Hi-Impact TV	TV	DVB-S2	3/4	2.757		English
4.029	L Global	Amen TV Sat	TV	DVB-S2	3/4	1.841		French
4.031	L Global	Power TV	TV	DVB-S	7/8	1.100		
4.033	L Global	Info TV	TV	DVB-S2	5/6	1.124		French
4.036	L Global	TV Imaan	TV	DVB-S2	3/4	1.148		English
	Global	Radio Imaan	TV	DVB-S2	3/4	1.148		English
4.063	L Global	StarTimes TV Moçambique	package	DVB-S2	1/2	33.900	Conax	
	Global	TVM	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	TV Miramar	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	Soico TV	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	TIM	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	TVM Internacional	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	Gloom Channel	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	ITV	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	ST Novela E Plus	TV	DVB-S2	1/2	33.900	Conax	English
	Global	ST Movies Plus	TV	DVB-S2	1/2	33.900	Conax	English
	Global	ST Kungfu	TV	DVB-S2	1/2	33.900	Conax	English
	Global	RTP África	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	Discovery Family Africa	TV	DVB-S2	1/2	33.900	Conax	English
	Global	ST Sports Focus	TV	DVB-S2	1/2	33.900	Conax	English
	Global	ST Sports Arena	TV	DVB-S2	1/2	33.900	Conax	English
	Global	ST Sports Premium	TV	DVB-S2	1/2	33.900	Conax	English
	Global	ST Sports Life	TV	DVB-S2	1/2	33.900	Conax	English
	Global	ST World Football	TV	DVB-S2	1/2	33.900	Conax	English
	Global	Aljazeera English	TV	DVB-S2	1/2	33.900	Conax	English
	Global	Baby TV Europe	TV	DVB-S2	1/2	33.900	Conax	"English,Portuguese"
	Global	Afro Music Channel	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	Iqraa Africa & Europe	TV	DVB-S2	1/2	33.900	Conax	
4.099	L Global	StarTimes TV Moçambique	package	DVB-S2	1/2	33.900		
	Global	TV Sucesso	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	C TV	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	KTV	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	TV Maná Maputo	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	AMC Movies	TV	DVB-S2	1/2	33.900	Conax	English
	Global	Emmanuel TV	TV	DVB-S2	1/2	33.900	Conax	English
	Global	AMC Portugal	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	TLN Network	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	ST Novela P	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	ST Sino Drama	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	RTP Internacional Europa	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	TVI Internacional	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	SIC Internacional África	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	CGTN	TV	DVB-S2	1/2	33.900	Conax	English
	Global	BBC World News Africa	TV	DVB-S2	1/2	33.900	Conax	English
	Global	TVI 24 África	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	SIC Notícias	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	ST Kids	TV	DVB-S2	1/2	33.900	Conax	English
	Global	JimJam Europe	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	Biggs	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	Disney Channel Portugal	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	Disney Junior Portugal	TV	DVB-S2	1/2	33.900	Conax	Portuguese
	Global	ST Soul	TV	DVB-S2	1/2	33.900	Conax	English
	Global	ST Bollywood	TV	DVB-S2	1/2	33.900	Conax	English
11.050	V Steerable	ZBC News	TV	DVB-S2	3/5	17.054		English
	Steerable	Star FM	radio	DVB-S2	3/5	17.054		English
	Steerable	Zi FM	radio	DVB-S2	3/5	17.054		English
11.087	H Steerable	Jive TV	TV	DVB-S2	3/5	17.054		English
	Steerable	National FM	radio	DVB-S2	3/5	17.054		English
	Steerable	National FM	radio	DVB-S2	3/5	17.054		English
	Steerable	Radio Zimbabwe	radio	DVB-S2	3/5	17.054		English
	Steerable	Classic 263	radio	DVB-S2	3/5	17.054		English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Steerable	Classic 263	radio	DVB-S2	3/5	17.054		English
	Steerable	Power FM	radio	DVB-S2	3/5	17.054		English
11.190	H Steerable	TV Zimbo	TV	DVB-S2	?	5.000		Portuguese
11.650	H Europe	AIC TV	TV	DVB-S2	5/6	2.500		Arabic
11.655	H Europe	2M	package	DVB-S2	3/4	4.444	BISS	
	Europe	2M National	TV	DVB-S2	3/4	4.444	BISS	Arabic
	Europe	2M Monde	TV	DVB-S2	3/4	4.444		Arabic
	Europe	2M Monde	TV	DVB-S2	3/4	4.444	BISS	Arabic
	Europe	Radio 2M	radio	DVB-S2	3/4	4.444		
11.679	H Europe	IRIB	package	DVB-S2	5/6	5.000		
	Europe	Alalam News Channel Syria	TV	DVB-S2	5/6	5.000		Arabic
	Europe	IFilm 2	TV	DVB-S2	5/6	5.000		"Arabic,Farsi"
	Europe	Alalam News Channel	TV	DVB-S2	5/6	5.000		Arabic
	Europe	IFilm Arabic	TV	DVB-S2	5/6	5.000		"Farsi,Arabic"
	Europe	IRIB World Service Radio 7	radio	DVB-S2	5/6	5.000		English
	Europe	IRIB World Service Radio 3	radio	DVB-S2	5/6	5.000		Arabic
	Europe	IRIB World Service Radio 1	radio	DVB-S2	5/6	5.000		
	Europe	IRIB World Service Radio 2	radio	DVB-S2	5/6	5.000		
	Europe	IRIB World Service Radio 4	radio	DVB-S2	5/6	5.000		
	Europe	IRIB World Service Radio 5	radio	DVB-S2	5/6	5.000		
	Europe	IRIB World Service Radio 6	radio	DVB-S2	5/6	5.000		
11.686	H Europe	Al Nujaba TV	TV	DVB-S2	5/6	1.600		Arabic
11.687	H Europe	W.TV	TV	DVB-S2	3/4	1.378		Arabic
12.505	V Europe	Nabaa TV	TV	DVB-S2	5/6	1.100		Arabic
12.576	V Europe	Nessma	TV	DVB-S2	2/3	1.515		Arabic
12.702	H Europe	Digea	package	DVB-S2	3/5	13.960	BISS	
	Europe	Alpha TV	TV	DVB-S2	3/5	13.960	BISS	Greek
	Europe	Ant1	TV	DVB-S2	3/5	13.960	BISS	Greek
	Europe	Open Beyond TV	TV	DVB-S2	3/5	13.960	BISS	Greek
12.720	H Europe	Digea	package	DVB-S2	3/5	13.960	BISS	
	Europe	Makedonia TV	TV	DVB-S2	3/5	13.960	BISS	Greek
	Europe	SKAİ	TV	DVB-S2	3/5	13.960	BISS	Greek
	Europe	Star Channel	TV	DVB-S2	3/5	13.960	BISS	Greek
	Europe	Mega TV	TV	DVB-S2	3/5	13.960	BISS	Greek

EUTELSAT 7A

10.721	V Europe B	OpenSky	package	DVB-S	3/4	27.500		
	Europe B	BBC World Service English Europe	radio	DVB-S	3/4	27.500		English
	Europe B	BBC World Service English Australasia	radio	DVB-S	3/4	27.500		English
	Europe B	BBC World Service English News	radio	DVB-S	3/4	27.500		English
	Europe B	BBC World Service Arabic	radio	DVB-S	3/4	27.500		Arabic
	Europe B	BBC World Service Afghanistan	radio	DVB-S	3/4	27.500		
	Europe B	OpenSky	interactiv e	DVB-S	3/4	27.500		
10.804	V Europe B	Digiturk	package	DVB-S2	5/6	30.000		
	Europe B	Digiturk	package	DVB-S2	5/6	30.000	Irdeto	
	Europe B	MTV Live HD	TV	DVB-S2	5/6	30.000	Irdeto	English
	Europe B	TRT Avaz	TV	DVB-S2	5/6	30.000		Turkish
	Europe B	TRT 2	TV	DVB-S2	5/6	30.000		Turkish
	Europe B	Eurosport 1	TV	DVB-S2	5/6	30.000	Irdeto	"Turkish,English"
	Europe B	TRT Arabi	TV	DVB-S2	5/6	30.000		"Arabic,Turkish"
	Europe B	TRT Türk	TV	DVB-S2	5/6	30.000		Turkish
	Europe B	BeIn Sports Haber	TV	DVB-S2	5/6	30.000	Irdeto	"Turkish,English"
	Europe B	TRT Kurdî	TV	DVB-S2	5/6	30.000		Kurdish
	Europe B	Kanal 7	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	TBMM TV	TV	DVB-S2	5/6	30.000		Turkish
	Europe B	BeIn Series Sci-Fi	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	Eurosport 2	TV	DVB-S2	5/6	30.000	Irdeto	"Turkish,English"
	Europe B	TRT Spor 2	TV	DVB-S2	5/6	30.000		Turkish
	Europe B	CGTN Documentary	TV	DVB-S2	5/6	30.000		English
	Europe B	TRT Müzik	TV	DVB-S2	5/6	30.000		Turkish
	Europe B	TRT Haber	TV	DVB-S2	5/6	30.000	Y	Turkish
	Europe B	TRT Belgesel	TV	DVB-S2	5/6	30.000	Y	Turkish
	Europe B	TRT Spor	TV	DVB-S2	5/6	30.000		Turkish

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
10.845	H Europe B	Digiturk	package	DVB-S2	5/6	30.000	Irdeto	
	Europe B	Digiturk	package	DVB-S2	5/6	30.000	Irdeto	
	Europe B	Ülke TV	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	A2	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	A News	TV	DVB-S2	5/6	30.000	Irdeto	English
	Europe B	Aljazeera English	TV	DVB-S2	5/6	30.000	Irdeto	English
	Europe B	France 24 English	TV	DVB-S2	5/6	30.000	Irdeto	English
	Europe B	TLC Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	Disney XD Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	"Turkish,English"
	Europe B	BBC World News Europe	TV	DVB-S2	5/6	30.000	Irdeto	English
	Europe B	Halk TV	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
Europe B	Bloomberg TV Europe	TV	DVB-S2	5/6	30.000	Irdeto	English	
10.887	H Europe B	Digiturk	package	DVB-S2	5/6	30.000	Irdeto	
	Europe B	Digiturk	package	DVB-S2	5/6	30.000	Irdeto	
	Europe B	BeIn Series Drama	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	BeIn Sports 1 Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	BeIn Gurme	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	Fox Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	BeIn Movies Turk	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	Kanal D	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	BeIn Movies Premiere	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	TV 8	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	BeIn Movies Stars	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	TRT World	TV	DVB-S2	5/6	30.000	Irdeto	English
	Europe B	BeIn Sports 3 Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	Star TV	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	ATV Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	BeIn Series Vice	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	A Haber	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
10.928	H Europe B	Digiturk	package	DVB-S2	5/6	30.000	Irdeto	
	Europe B	Digiturk	package	DVB-S2	5/6	30.000	Irdeto	
	Europe B	Discovery Science Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	BeIn Series Comedy	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	FB TV	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	Teve 2	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	BeIn Movies Premiere 2	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	BeIn Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	BeIn Sports Max 2 Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	Bloomberg HT	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	BeIn Movies Action	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	Ekotürk	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	CGTN	TV	DVB-S2	5/6	30.000	Irdeto	English
	Europe B	Sunna TV	TV	DVB-S2	5/6	30.000	Irdeto	Arabic
	Europe B	MTV Hits	TV	DVB-S2	5/6	30.000	Irdeto	English
	Europe B	Quran TV	TV	DVB-S2	5/6	30.000	Irdeto	Arabic
	11.221	H Europe A	Eutelsat	package	DVB-S	3/4	27.500	
Europe A		TFM	TV	DVB-S	3/4	27.500		French
Europe A		Iran International	TV	DVB-S	3/4	27.500		Farsi
Europe A		TPA Internacional	TV	DVB-S	3/4	27.500		Portuguese
Europe A		Iranefarda TV	TV	DVB-S	3/4	27.500		Farsi
Europe A		Classic	radio	DVB-S	3/4	27.500		
Europe A		Mix	radio	DVB-S	3/4	27.500		
Europe A		I.D.	radio	DVB-S	3/4	27.500		
Europe A		Cocktail	radio	DVB-S	3/4	27.500		
Europe A		RFM	radio	DVB-S	3/4	27.500		French
Europe A		Rádio Luanda	radio	DVB-S	3/4	27.500		Portuguese
Europe A		Canal A	radio	DVB-S	3/4	27.500		Portuguese
Europe A		La Radio Plus	radio	DVB-S	3/4	27.500		French
11.471	H Europe B	Digiturk	package	DVB-S2	5/6	30.000	Irdeto	
	Europe B	Diyaret TV	TV	DVB-S2	5/6	30.000		Turkish
	Europe B	KRT	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	Nickelodeon HD	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	TGRT Haber	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	NBA TV	TV	DVB-S2	5/6	30.000	Irdeto	English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	Yaban	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	CNN Türk	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	NTV Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	360	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
11.513	H Europe B	Digiturk	package	DVB-S2	5/6	29.900	Irdeto	
	Europe B	BeIn Movies Action 2	TV	DVB-S2	5/6	29.900	Irdeto	Turkish
	Europe B	BeIn Sports Max 1 Türkiye	TV	DVB-S2	5/6	29.900	Irdeto	Turkish
	Europe B	GS TV	TV	DVB-S2	5/6	29.900	Irdeto	Turkish
	Europe B	Tele 1	TV	DVB-S2	5/6	29.900	Irdeto	Turkish
	Europe B	BBC HD Polska & Türkiye	TV	DVB-S2	5/6	29.900	Irdeto	English
	Europe B	Da Vinci	TV	DVB-S2	5/6	29.900	Irdeto	"Turkish,English"
	Europe B	Cartoon Network Türkiye	TV	DVB-S2	5/6	29.900	Irdeto	Turkish
	Europe B	Disney Junior Türkiye & Polska	TV	DVB-S2	5/6	29.900	Irdeto	"Turkish,English"
	Europe B	Disney Channel Türkiye	TV	DVB-S2	5/6	29.900	Irdeto	Turkish
	Europe B	Love Songs	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	In Love	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	90s Hits	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	80s Hits	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Party	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Concerts	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	America's Classics	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Classical Music	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Rock	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Energetic	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Classic Rock	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Nu Jazz	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Jazz	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Blues	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Reggae	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Latin	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Oldies but Goldies	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Morning Coffee	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Chill Out	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Hip Hop R&B	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Easy Listening	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Relaxation	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	International	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Dreamy	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Melancholic	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Smooth Jazz	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Happy	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Slow Türk	radio	DVB-S2	5/6	29.900	Irdeto	Turkish
	Europe B	Metro FM	radio	DVB-S2	5/6	29.900	Irdeto	Turkish
	Europe B	TRT Radyo 3	radio	DVB-S2	5/6	29.900		Turkish
	Europe B	Süper FM	radio	DVB-S2	5/6	29.900	Irdeto	Turkish
	Europe B	Show Radyo	radio	DVB-S2	5/6	29.900		Turkish
	Europe B	Alem FM	radio	DVB-S2	5/6	29.900	Irdeto	Turkish
	Europe B	Radyo Viva	radio	DVB-S2	5/6	29.900		Turkish
	Europe B	JoyTurk	radio	DVB-S2	5/6	29.900	Irdeto	Turkish
	Europe B	TRT Nagme	radio	DVB-S2	5/6	29.900		Turkish
	Europe B	TRT Türkü	radio	DVB-S2	5/6	29.900		Turkish
	Europe B	TRT FM	radio	DVB-S2	5/6	29.900		Turkish
	Europe B	5+1 Concerts	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Virgin Radio Türkiye	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Radio Slow Time	radio	DVB-S2	5/6	29.900	Irdeto	Turkish
	Europe B	Baba Radyo	radio	DVB-S2	5/6	29.900	Irdeto	Turkish
	Europe B	Best FM	radio	DVB-S2	5/6	29.900	Irdeto	Turkish
	Europe B	Kral FM	radio	DVB-S2	5/6	29.900	Irdeto	Turkish
	Europe B	Kral Pop Radyo	radio	DVB-S2	5/6	29.900	Irdeto	Turkish
	Europe B	Greek Songs	radio	DVB-S2	5/6	29.900	Irdeto	
	Europe B	Joy FM	radio	DVB-S2	5/6	29.900	Irdeto	Turkish
	Europe B	Radyo 7	radio	DVB-S2	5/6	29.900	Irdeto	Turkish
	Europe B	Masal Radyo	radio	DVB-S2	5/6	29.900	Irdeto	Turkish
11.596	H Europe B	Digiturk	package	DVB-S2	5/6	30.000	Irdeto	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	Rai 1	TV	DVB-S2	5/6	30.000	Irdeto	Italian
	Europe B	RTR Planeta	TV	DVB-S2	5/6	30.000	Irdeto	Russian
	Europe B	CNN International Europe	TV	DVB-S2	5/6	30.000	Irdeto	English
	Europe B	Mezzo	TV	DVB-S2	5/6	30.000	Irdeto	French
	Europe B	VH1 Europe	TV	DVB-S2	5/6	30.000	Irdeto	English
	Europe B	BBC Entertainment Europe	TV	DVB-S2	5/6	30.000	Irdeto	English
	Europe B	Minika Go	TV	DVB-S2	5/6	30.000	Irdeto	"Turkish,English"
	Europe B	Euro D	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	Nickelodeon Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	"Turkish,English"
	Europe B	TV 100	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
11.637	H Europe B	Digiturk	package	DVB-S2	5/6	30.000	Irdeto	
	Europe B	Habertürk	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	BeIn Sports 4 Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	Show TV	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	TRT 1	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	A Spor	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	BeIn Sports 2 Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	Haber Global	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	Boomerang Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
11.678	H Europe B	Digiturk	package	DVB-S2	5/6	30.000	Irdeto	
	Europe B	CBeebies Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	"Turkish,English"
	Europe B	BBC Earth Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	"Turkish,English"
	Europe B	TV Net	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	MCM Top	TV	DVB-S2	5/6	30.000	Irdeto	French
	Europe B	Fashion TV HD Europe	TV	DVB-S2	5/6	30.000	Irdeto	
	Europe B	UçanKus TV	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	National Geographic Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	"Turkish,English"
	Europe B	A Para	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
21.565	H Europe C	2S TV	TV	DVB-S2	2/3	1.100		French
21.568	H Europe C	Bantamba TV	TV	DVB-S2	2/3	1.100		English
21.571	H Europe C	TPA Internacional	TV	DVB-S	2/3	2.441		Portuguese
	Europe C	Rádio Luanda	radio	DVB-S	2/3	2.441		Portuguese
	Europe C	Canal A	radio	DVB-S	2/3	2.441		Portuguese

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10.721	H Europe B	IVG	package	DVB-S	3/4	22.000		
	Europe B	BBC Persian	TV	DVB-S	3/4	22.000		Farsi
	Africa	unknown	package	DVB-S2	?	30.000		
	Europe B	Simay-Azadi Iran National TV	TV	DVB-S	3/4	22.000		Farsi
	Europe B	Manoto	TV	DVB-S	3/4	22.000		Farsi
	Europe B	Rangarang TV Network	TV	DVB-S	3/4	22.000		Farsi
	Europe B	Mihan Radio	radio	DVB-S	3/4	22.000		Farsi
	Africa	Dikoder TV	TV	DVB-S2	?	30.000		English
	Africa	Ebira Unity TV	TV	DVB-S2	?	30.000		English
	Africa	Waffi TV	TV	DVB-S2	?	30.000		English
	Europe B	Channel Yek	TV	DVB-S	3/4	22.000		Farsi
	Africa	Mount Olive TV	TV	DVB-S2	?	30.000		English
	Europe B	Azadi TV	TV	DVB-S	3/4	22.000		Farsi
	Africa	Spirit & Bride Network	TV	DVB-S2	?	30.000		English
	Africa	Almasiyah TV	TV	DVB-S2	?	30.000		English
10.762	H Africa	unknown	package	DVB-S2	?	30.000		
	Africa	Gaskia TV	TV	DVB-S2	?	30.000		Hausa
	Africa	Sagani TV	TV	DVB-S2	?	30.000		English
	Africa	Apam TV	TV	DVB-S2	?	30.000		English
	Africa	Awake TV	TV	DVB-S2	?	30.000		English
	Africa	Bliss TV	TV	DVB-S2	?	30.000		English
	Africa	Gh One	TV	DVB-S2	?	30.000		English
	Africa	Lemon Plus TV	TV	DVB-S2	?	30.000		English
	Africa	Cash TV	TV	DVB-S2	?	30.000		English
	Africa	Muslim World TV	TV	DVB-S2	?	30.000		English
10.845	H Africa	unknown	package	DVB-S2	?	30.000		
	Africa	True African	TV	DVB-S2	?	30.000		English
	Africa	Afriwood Series	TV	DVB-S2	?	30.000		English
	Africa	Pulse	TV	DVB-S2	?	30.000		
	Africa	GospelLife TV	TV	DVB-S2	?	30.000		English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Africa	Fresh	TV	DVB-S2	?	30.000		English
	Africa	LOL Africa	TV	DVB-S2	?	30.000		English
	Africa	Kiddiwinks	TV	DVB-S2	?	30.000		English
	Africa	Sports Connect	TV	DVB-S2	?	30.000		English
	Africa	Fight Night	TV	DVB-S2	?	30.000		
	Africa	Romanza Classico	TV	DVB-S2	?	30.000		English
	Africa	Limelight	TV	DVB-S2	?	30.000		English
10.887	H Africa	Eutelsat	package	DVB-S2	4/5	30.000		
	Africa	GN TV Junior	TV	DVB-S2	4/5	30.000		English
	Africa	Q TV	TV	DVB-S2	4/5	30.000		English
	Africa	Commec promo	TV	DVB-S2	4/5	30.000		English
	Africa	Tumpaani TV	TV	DVB-S2	4/5	30.000		English
	Africa	Kantanka TV	TV	DVB-S2	4/5	30.000		English
	Africa	FS TV	TV	DVB-S2	4/5	30.000		English
10.928	H Africa	Muvi TV	package	DVB-S2	3/4	30.000	Conax	
	Africa	Muvi TV	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	Africa Unite TV	TV	DVB-S2	3/4	30.000		English
	Africa	Zambian TV	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	Muvi Bakadoli	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	Baby TV Europe	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	JimJam Europe	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	Boing Africa	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	Discovery Science	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	National Geographic South Africa	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	Investigation Discovery Africa	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	CBS Reality Africa	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	Pinoy Novella	TV	DVB-S2	3/4	30.000	Conax	
	Africa	ZNBC TV 1	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	Emmanuel TV	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	Prism Africa	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	Hope Channel Zambia	TV	DVB-S2	3/4	30.000		English
	Africa	ESPN Africa	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	ESPN 2 Africa	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	MBC 2	TV	DVB-S2	3/4	30.000	Conax	Arabic
	Africa	MBC Max	TV	DVB-S2	3/4	30.000	Conax	Arabic
	Africa	MBC Action	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	Muvi Nyimbo	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	BET Africa	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	MBC 4	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	Fox Africa	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	Fox Life Africa	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	BBC World News Africa	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	Aljazeera English	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	Muvi TV 2	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	Nonkas TV	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	Diamond TV	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	MBC + Power	TV	DVB-S2	3/4	30.000	Conax	English
	Africa	Komboni Radio 94.9 FM	radio	DVB-S2	3/4	30.000	Conax	English
	Africa	Joy FM	radio	DVB-S2	3/4	30.000	Conax	English
	Africa	Phoenix FM	radio	DVB-S2	3/4	30.000	Conax	English
	Africa	Jive FM	radio	DVB-S2	3/4	30.000	Conax	English
10.997	H Africa	Azam TV	package	DVB-S2	2/3	19.250	Nagravision	
	Africa	Azam One	TV	DVB-S2	2/3	19.250	Nagravision	English
	Africa	Azam Two	TV	DVB-S2	2/3	19.250	Nagravision	English,Swahili
	Africa	Sinema Zetu	TV	DVB-S2	2/3	19.250	Nagravision	Swahili
	Africa	Azam Sports HD	TV	DVB-S2	2/3	19.250	Nagravision	English
	Africa	Azam Sports 2	TV	DVB-S2	2/3	19.250	Nagravision	English
11.046	H Europe A	EVN TV	TV	DVB-S2	5/6	8.335	BISS	
11.190	H Africa	WRM TV	TV	DVB-S2	?	1.500		English
11.192	V Europe A	Simay-Azadi Iran National TV	TV	DVB-S2	3/4	3.674	BISS	Farsi
11.221	H Europe A	Pars TV	TV	DVB-S	3/4	27.500		Farsi
	Europe A	Andishev TV	TV	DVB-S	3/4	27.500		Farsi
11.262	H Europe B	unknown	package	DVB-S	5/6	27.500		
	Europe B	Hadi TV 4	TV	DVB-S	5/6	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	Kral TV	TV	DVB-S	5/6	27.500		Turkish
	Europe B	Erfan Halgheh TV	TV	DVB-S	5/6	27.500		
	Europe B	Janatobaghie TV	TV	DVB-S	5/6	27.500		Farsi
	Europe B	4U TV	TV	DVB-S	5/6	27.500		Farsi
	Europe B	I Toon TV	TV	DVB-S	5/6	27.500		Farsi
	Europe B	Nostalgic Radio	radio	DVB-S	5/6	27.500		Farsi
11.304	H Europe B	unknown	package	DVB-S2	2/3	29.700		
	Europe B	Manoto	TV	DVB-S2	2/3	29.700		Farsi
	Europe B	Cine Film	TV	DVB-S2	2/3	29.700		Farsi
	Europe B	Cine Series	TV	DVB-S2	2/3	29.700		Farsi
	Europe B	I Toon TV	TV	DVB-S2	2/3	29.700		Farsi
	Europe B	Iran International	TV	DVB-S2	2/3	29.700		Farsi
11.324	V Europe B	unknown	package	DVB-S2	2/3	29.700		
	Europe B	IFilm Persian	TV	DVB-S2	2/3	29.700		"Farsi,Arabic"
	Europe B	Bartar TV	TV	DVB-S2	2/3	29.700		
	Europe B	PMC	TV	DVB-S2	2/3	29.700		Farsi
	Europe B	Cine Film	TV	DVB-S2	2/3	29.700		Farsi
	Europe B	Cine Series	TV	DVB-S2	2/3	29.700		Farsi
	Europe B	Manoto +2	TV	DVB-S2	2/3	29.700		Arabic
	Europe B	Avang TV	TV	DVB-S2	2/3	29.700		Farsi
	Europe B	Radio We	radio	DVB-S2	2/3	29.700		Italian
11.345	H Europe B	unknown	package	DVB-S	5/6	27.500		
	Europe B	Didar Global TV	TV	DVB-S	5/6	27.500		Farsi
	Europe B	Manoto	TV	DVB-S	5/6	27.500		Farsi
	Europe B	4 Music TV	TV	DVB-S	5/6	27.500		English
	Europe B	Cine Film	TV	DVB-S	5/6	27.500		Farsi
	Europe B	Cine Series	TV	DVB-S	5/6	27.500		Farsi
11.356	H Africa	Azam TV	package	DVB-S2	5/6	45.000	Conax/Nagravision	
	Africa	Azam Xtra	TV	DVB-S2	5/6	45.000		Swahili
	Africa	National Geographic South Africa	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Channel Ten	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Sony Channel Africa	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Clouds TV	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	ZBC TV	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	ZBC Channel 2	TV	DVB-S2	5/6	45.000	Nagravision	"English,Swahili"
	Africa	ITV	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	EATV 5	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Edu Channel	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Wasafi TV	TV	DVB-S2	5/6	45.000	Nagravision	
	Africa	KBC Channel 1	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Citizen TV	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	NTV	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	KTN Home	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	KTN News	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	UBC TV	TV	DVB-S2	5/6	45.000	Nagravision	
	Africa	Baba TV	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	NTV Uganda	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	NBS TV	TV	DVB-S2	5/6	45.000	Nagravision	Swahili
	Africa	BBS TV	TV	DVB-S2	5/6	45.000	Nagravision	Swahili
	Africa	Urban TV	TV	DVB-S2	5/6	45.000	Nagravision	
	Africa	ABS TV	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	TV 10	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	MTV Base Africa	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Mahaasin TV	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	BBC World News Africa	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Aljazeera English	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	France 24 English	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	News Nation	TV	DVB-S2	5/6	45.000	Nagravision	Hindi
	Africa	Colors	TV	DVB-S2	5/6	45.000	Nagravision	Hindi
	Africa	MTV India	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Clouds FM	radio	DVB-S2	5/6	45.000		English
	Africa	EFM	radio	DVB-S2	5/6	45.000		Swahili
	Africa	Times FM	radio	DVB-S2	5/6	45.000		Swahili
	Africa	TBC FM	radio	DVB-S2	5/6	45.000		Swahili

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Africa	Choice FM	radio	DVB-S2	5/6	45.000		Swahili
	Africa	Kings FM	radio	DVB-S2	5/6	45.000		English
	Africa	Uhuru FM	radio	DVB-S2	5/6	45.000		Swahili
	Africa	Magic FM	radio	DVB-S2	5/6	45.000		English
	Africa	Radio Free Africa	radio	DVB-S2	5/6	45.000		
	Africa	Kiss FM	radio	DVB-S2	5/6	45.000		
	Africa	Radio One	radio	DVB-S2	5/6	45.000		English
	Africa	East Africa Radio	radio	DVB-S2	5/6	45.000		English
	Africa	BBC World Service Swahili	radio	DVB-S2	5/6	45.000		Swahili
	Africa	Capital Radio	radio	DVB-S2	5/6	45.000		English
	Africa	Radio 10	radio	DVB-S2	5/6	45.000		English
	Africa	BBC World Service English East Africa	radio	DVB-S2	5/6	45.000		English
11.387	H Europe B	unknown	package	DVB-S	5/6	27.500		
	Europe B	MBC Persia	TV	DVB-S	5/6	27.500		Farsi
	Europe B	TV 8 International	TV	DVB-S	5/6	27.500		Turkish
	Europe B	DD TV	TV	DVB-S	5/6	27.500		Farsi
	Europe B	Manoto +1	TV	DVB-S	5/6	27.500		Farsi
11.419	H Africa	Azam TV	package	DVB-S2	5/6	45.000	Nagravision	
	Africa	Azam Sports HD	TV	DVB-S2	5/6	45.000	Nagravision	"English,Swahili"
	Africa	UTV	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Star TV	TV	DVB-S2	5/6	45.000	Nagravision	Swahili
	Africa	TV E	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Capital TV	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Clouds Plus	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Kass TV	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Bukedde TV 1	TV	DVB-S2	5/6	45.000	Nagravision	
	Africa	Spark TV	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Salt TV	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Channel 44	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Top TV	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Rwanda TV	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Clouds TV Rwanda	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	MBC	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Times TV	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Zodiak TV	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Fox Africa	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Fox Life Africa	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	E TV Africa	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Nina TV English	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Romanza+ Africa	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	ESPN Africa	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	ESPN 2 Africa	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	National Geographic South Africa	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Travelxp HD	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Landscape HD	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Africanews	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	NHK World Japan	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Star Vijay International	TV	DVB-S2	5/6	45.000	Nagravision	Tamil
	Africa	Puthiya Thalaimurai	TV	DVB-S2	5/6	45.000	Nagravision	Tamil
	Africa	Asianet Middle East	TV	DVB-S2	5/6	45.000	Nagravision	Malayalam
	Africa	Mazhavil Manorama	TV	DVB-S2	5/6	45.000	Nagravision	Malayalam
	Africa	ABN	TV	DVB-S2	5/6	45.000	Nagravision	Telugu
	Africa	Sony SAB TV Asia	TV	DVB-S2	5/6	45.000	Nagravision	Hindi
	Africa	Colors Rishtey Asia	TV	DVB-S2	5/6	45.000	Nagravision	Hindi
	Africa	UTV Movies International	TV	DVB-S2	5/6	45.000	Nagravision	Hindi
	Africa	Sony Max UK	TV	DVB-S2	5/6	45.000	Nagravision	Hindi
	Africa	Channel U	TV	DVB-S2	5/6	45.000		English
	Africa	Horizon TV	TV	DVB-S2	5/6	45.000		English
	Africa	Radio Uhai FM	radio	DVB-S2	5/6	45.000		English
	Africa	Wasafi FM	radio	DVB-S2	5/6	45.000		
12.530	H Europe A	Or Hachaim	TV	DVB-S	1/2	1.480		English
12.538	V Europe A	Elhiwar Ettounsi TV	TV	DVB-S2	5/6	2.115		Arabic
12.549	V Europe A	Corallo Sat	TV	DVB-S2	5/6	2.222	BISS	Italian
12.604	H Africa	Azam TV	package	DVB-S2	2/3	29.981		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Africa	Africa TV 2	TV	DVB-S2	2/3	29.981		Swahili
	Africa	Peace TV English	TV	DVB-S2	2/3	29.981		English
	Africa	Quran TV	TV	DVB-S2	2/3	29.981		Arabic
	Africa	Sunna TV	TV	DVB-S2	2/3	29.981		Arabic
	Africa	Emmanuel TV	TV	DVB-S2	2/3	29.981		English
	Africa	IBN TV Africa	TV	DVB-S2	2/3	29.981		English
	Africa	Hi-Impact TV	TV	DVB-S2	2/3	29.981		English
	Africa	TV Africa	TV	DVB-S2	2/3	29.981		English
	Africa	Universal TV	TV	DVB-S2	2/3	29.981	Nagravision	Somali
	Africa	Bethel TV	TV	DVB-S2	2/3	29.981		Spanish
	Africa	Amen TV Sat	TV	DVB-S2	2/3	29.981		French
	Africa	JW Broadcasting	TV	DVB-S2	2/3	29.981		"English,French,Portuguese,Swahili,Zulu"
	Africa	Bloomberg TV Africa	TV	DVB-S2	2/3	29.981	Nagravision	English
	Africa	TV Imaan	TV	DVB-S2	2/3	29.981		
	Africa	TPA Internacional	TV	DVB-S2	2/3	29.981		Portuguese
	Africa	ORTC TV	TV	DVB-S2	2/3	29.981		French
	Africa	2M Monde	TV	DVB-S2	2/3	29.981		Arabic
	Africa	Holiday Africa	TV	DVB-S2	2/3	29.981		English
	Africa	ITV	TV	DVB-S2	2/3	29.981		English
	Africa	Radio Maarifa	radio	DVB-S2	2/3	29.981		English
	Africa	Amansan TV	TV	DVB-S2	2/3	29.981		English
	Africa	Sky FM	radio	DVB-S2	2/3	29.981		English
	Africa	Ocean 1 TV	TV	DVB-S2	2/3	29.981		English
	Africa	Sparkle TV	TV	DVB-S2	2/3	29.981		English
	Africa	DJ TV	TV	DVB-S2	2/3	29.981		English
	Africa	KFM TV	TV	DVB-S2	2/3	29.981		English
	Africa	Radio Christian Voice	radio	DVB-S2	2/3	29.981		English
	Africa	Radio Vaovao Mahaso	radio	DVB-S2	2/3	29.981		
	Africa	Top Congo FM	radio	DVB-S2	2/3	29.981		French
	Africa	Radio Imaan	radio	DVB-S2	2/3	29.981		English
	Africa	Raga FM	radio	DVB-S2	2/3	29.981		
	Africa	One Love Radio FM	radio	DVB-S2	2/3	29.981		English
	Africa	Joy FM	radio	DVB-S2	2/3	29.981		English
12.645	H Africa	LFC TV	TV	DVB-S2	?	30.000	Nagravision	English
	Africa	Sony Channel Africa	TV	DVB-S2	2/3	30.000	Nagravision	English
	Africa	Sony Max South Africa	TV	DVB-S2	2/3	30.000	Nagravision	English
	Africa	BET Africa	TV	DVB-S2	?	30.000	Nagravision	English
	Africa	Trace Mziki	TV	DVB-S2	?	30.000	Nagravision	English
	Africa	Investigation Discovery Xtra	TV	DVB-S2	?	30.000	Nagravision	English
	Africa	Yummi Yum Food Network	TV	DVB-S2	?	30.000	Nagravision	English
12.744	H Europe A	Numidia TV	TV	DVB-S	3/4	2.222		Arabic
21.750	H Europe C	Muvi TV	package	DVB-S2	2/3	17.272		
	Europe C	Muvi TV	TV	DVB-S2	2/3	17.272		English
	Europe C	Africa Unite TV	TV	DVB-S2	2/3	17.272		English
	Europe C	Muvi Nyimbo	TV	DVB-S2	2/3	17.272		English
	Europe C	Muvi TV 2	TV	DVB-S2	2/3	17.272		English
	Europe C	Pinoy Novella	TV	DVB-S2	2/3	17.272		
	Europe C	Prism Africa	TV	DVB-S2	2/3	17.272		English
	Europe C	Muvi TV Sports	TV	DVB-S2	2/3	17.272		English
	Europe C	Zambian TV	TV	DVB-S2	2/3	17.272		English
	Europe C	Hope Channel Zambia	TV	DVB-S2	2/3	17.272		English
	Europe C	Muvi Bakadoli	TV	DVB-S2	2/3	17.272		English
	Europe C	Emmanuel TV	TV	DVB-S2	2/3	17.272		English
	Europe C	ZNBC TV 1	TV	DVB-S2	2/3	17.272		English
	Europe C	Diamond TV	TV	DVB-S2	2/3	17.272		English
	Europe C	Komboni Radio 94.9 FM	radio	DVB-S2	2/3	17.272		English
	Europe C	KNC TV	TV	DVB-S2	2/3	17.272		English
	Europe C	Phoenix FM	radio	DVB-S2	2/3	17.272		English
	Europe C	JW Broadcasting	TV	DVB-S2	2/3	17.272		English
	Europe C	Jive FM	radio	DVB-S2	2/3	17.272		English

EUTELSAT 7C

10.804	V West	TRT Çocuk	TV	DVB-S2	5/6	30.000		Turkish
10.928	V West	BeIn H&E	TV	DVB-S2	5/6	30.000	Irdeto	Turkish

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
11.471	West	EuroStar	TV	DVB-S2	5/6		30.000	Irdeto	Turkish
	V West	Digiturk	package	DVB-S2	5/6		30.000	Irdeto	
	West	BeIn Box Office 1	TV	DVB-S2	5/6		30.000	Irdeto	Turkish
	West	BeIn Box Office 2	TV	DVB-S2	5/6		30.000	Irdeto	Turkish
	West	BeIn Box Office 3	TV	DVB-S2	5/6		30.000	Irdeto	Turkish
	West	Digiturk promo	TV	DVB-S2	5/6		30.000		Turkish
	West	Digiturk 4K	TV	DVB-S2	5/6		30.000		Turkish
11.554	West	EBA TV Ilkokul	TV	DVB-S2	5/6		30.000		Turkish
	V West	Digiturk	package	DVB-S	3/4		29.750	Irdeto	
11.596	West	Digiturk 4K	TV	DVB-S	3/4		29.750	Irdeto	Turkish
	H West	EuroNews English	TV	DVB-S2	5/6		30.000	Irdeto	English
11.678	West	Nick Jr Türkiye	TV	DVB-S2	5/6		30.000	Irdeto	Turkish
	H West	TJK TV	TV	DVB-S2	5/6		30.000		Turkish
	West	Show Turk	TV	DVB-S2	5/6		30.000	Irdeto	Turkish

EUTELSAT 9B

11.727	V Wide	Ziggo Sport Select	TV	DVB-S2	3/4		30.000	Conax	Dutch
	Wide	VTM	TV	DVB-S2	3/4	Y	30.000	Conax	Dutch
	Wide	Vier	TV	DVB-S2	3/4		30.000	Conax	Dutch
	Wide	Vijf	TV	DVB-S2	3/4		30.000	Conax	Dutch
	Wide	Zes	TV	DVB-S2	3/4		30.000	Conax	Dutch
	Wide	Ment	TV	DVB-S2	3/4		30.000	Conax	Dutch
	Wide	VTM Kids	TV	DVB-S2	3/4		30.000	Conax	Dutch
	Wide	Caz 2	TV	DVB-S2	3/4	Y	30.000	Conax	Dutch
	Wide	Ziggo Sport Voetbal	TV	DVB-S2	3/4		30.000	Conax	Dutch
	Wide	VRT Radio 1	radio	DVB-S2	3/4		30.000		Dutch
	Wide	VRT Radio 2 Vlaams-Brabant	radio	DVB-S2	3/4		30.000		Dutch
	Wide	VRT NWS	radio	DVB-S2	3/4		30.000		Dutch
	Wide	MNM	radio	DVB-S2	3/4		30.000		Dutch
	Wide	MNM Hits	radio	DVB-S2	3/4		30.000		Dutch
	Wide	StuBru	radio	DVB-S2	3/4		30.000		Dutch
	Wide	Klara	radio	DVB-S2	3/4		30.000		Dutch
	Wide	Klara Continuo	radio	DVB-S2	3/4		30.000		Dutch
	Wide	De Tijdloze	radio	DVB-S2	3/4		30.000		Dutch
	Wide	Q-music Vlaanderen	radio	DVB-S2	3/4		30.000		Dutch
	Wide	Joe	radio	DVB-S2	3/4		30.000		Dutch
Wide	Nostalgie Vlaanderen	radio	DVB-S2	3/4		30.000		Dutch	
Wide	Radio Continu	radio	DVB-S2	3/4		30.000		Dutch	
Wide	Groot Nieuws Radio	radio	DVB-S2	3/4		30.000		Dutch	
Wide	TRT Tamil Olli	radio	DVB-S2	3/4		30.000		Tamil	
11.747	H Wide	Joyne	package	DVB-S2	3/4		30.000	Conax	
	Wide	NPO 1	TV	DVB-S2	3/4	Y	30.000	Conax	Dutch
	Wide	NPO 2	TV	DVB-S2	3/4	Y	30.000	Conax	Dutch
	Wide	NPO 3	TV	DVB-S2	3/4	Y	30.000	Conax	Dutch
	Wide	RTL 4	TV	DVB-S2	3/4	Y	30.000	Conax	Dutch
	Wide	RTL 5	TV	DVB-S2	3/4	Y	30.000	Conax	Dutch
	Wide	SBS 6	TV	DVB-S2	3/4	Y	30.000	Conax	Dutch
	Wide	RTL 7	TV	DVB-S2	3/4	Y	30.000	Conax	Dutch
	Wide	Disney XD Nederland	TV	DVB-S2	3/4	Y	30.000	Conax	Dutch
	Wide	Veronica	TV	DVB-S2	3/4	Y	30.000	Conax	Dutch
	Wide	Net 5	TV	DVB-S2	3/4	Y	30.000	Conax	Dutch
	Wide	RTL 8	TV	DVB-S2	3/4	Y	30.000	Conax	Dutch
	Wide	RTL Z	TV	DVB-S2	3/4	Y	30.000	Conax	Dutch
	Wide	SBS 9	TV	DVB-S2	3/4	Y	30.000	Conax	Dutch
	Wide	Comedy Central Nederland	TV	DVB-S2	3/4	Y	30.000	Conax	Dutch
	Wide	Spike Nederland	TV	DVB-S2	3/4	Y	30.000	Conax	Dutch
	Wide	TV 538	TV	DVB-S2	3/4		30.000	Conax	Dutch
	Wide	National Geographic Nederland	TV	DVB-S2	3/4		30.000	Conax	Dutch
	Wide	24 Kitchen Nederland	TV	DVB-S2	3/4		30.000	Conax	Dutch
	Wide	Secret Circle	TV	DVB-S2	3/4		30.000	Conax	Dutch
Wide	Meiden van Holland Hard	TV	DVB-S2	3/4		30.000	Conax	Dutch	
Wide	BBC First Nederland	TV	DVB-S2	3/4		30.000	Conax	English	
Wide	Penthouse Gold	TV	DVB-S2	3/4		30.000	Conax	English	
Wide	Penthouse Quickies	TV	DVB-S2	3/4		30.000	Conax	English	
11.785	H Wide	M7 Deutschland	package	DVB-S2	2/3		27.500		

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Wide	ProSieben Maxx Deutschland	TV	DVB-S2	2/3	Y	27.500	Conax/Videoguard	German
	Wide	MTV Germany	TV	DVB-S2	2/3		27.500	Conax/Videoguard	German
	Wide	Welt	TV	DVB-S2	2/3	Y	27.500	Conax/Videoguard	German
	Wide	Channel 21	TV	DVB-S2	2/3	Y	27.500		German
	Wide	Eurosport 1 Germany	TV	DVB-S2	2/3		27.500	Conax/Videoguard	German
	Wide	Nickelodeon Deutschland	TV	DVB-S2	2/3	Y	27.500		German
	Wide	MTV Germany +1	TV	DVB-S2	2/3	Y	27.500		German
	Wide	Comedy Central Deutschland	TV	DVB-S2	2/3	Y	27.500		German
	Wide	HSE 24 Extra	TV	DVB-S2	2/3	Y	27.500		German
	Wide	BBC World News Europe	TV	DVB-S2	2/3		27.500		English
	Wide	Bloomberg TV Europe	TV	DVB-S2	2/3		27.500		English
	Wide	Deutsches Musik Fernsehen	TV	DVB-S2	2/3	Y	27.500		German
	Wide	Servus TV Deutschland	TV	DVB-S2	2/3	Y	27.500		German
	Wide	Deluxe Music	TV	DVB-S2	2/3		27.500		German
11.804	V	Wide	American Forces Network	package	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN Prime Atlantic	TV	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN News	TV	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN Sports	TV	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN Prime Pacific	TV	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN Spectrum	TV	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN Sports 2	TV	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN Family	TV	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN Movie	TV	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN The Eagle Atlantic	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN The Voice	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN PowerTalk	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN Clutch	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN Fans	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	Hot AC	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN Legacy	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN's Joe Radio	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	Gravity	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	Today's Best Country	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	NPR Worldwide AFRTS	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN Seasonal	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	The Contingency Channel	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN Freedom Radio	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN The Eagle Aviano	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN The Eagle Bavaria	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN The Eagle Benelux	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN The Eagle Incirlik	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN The Eagle Kaiserslautern	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN The Eagle Naples	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN The Eagle Rota	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN The Eagle Souda Bay	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN The Eagle Spangdahlem	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN The Eagle Stuttgart	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN The Eagle Vicenza	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN The Eagle Wiesbaden	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	AFN The Eagle Bahrain	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
	Wide	Sembach Afternoon Radio	radio	DVB-S2	2/3		27.500	PowerVu/Verimatrix	English
11.823	H	Wide	Skylogic	package	DVB-S	3/4	27.500	Cryptoguard/Irdeto/Xcrypt/BISS	
	Wide	Sisal TV 1	TV	DVB-S	3/4		27.500	Xcrypt	Italian
	Wide	Sisal TV 2	TV	DVB-S	3/4		27.500	Xcrypt	Italian
	Wide	Sisal TV 3	TV	DVB-S	3/4		27.500	Xcrypt	Italian
	Wide	Sisal TV 4	TV	DVB-S	3/4		27.500	Xcrypt	Italian
	Wide	Sisal TV 5	TV	DVB-S	3/4		27.500	Xcrypt	Italian
	Wide	NLM TV	TV	DVB-S	3/4		27.500		Tamil
	Wide	Ros & Ros Selex	radio	DVB-S	3/4		27.500		Italian
	Wide	GoldBet League	TV	DVB-S	3/4		27.500		Italian
	Wide	Radio Carrefour ipermercati	radio	DVB-S	3/4		27.500		Italian
	Wide	GoldBet Racing	TV	DVB-S	3/4		27.500		Italian
	Wide	Radio Carrefour market	radio	DVB-S	3/4		27.500		Italian
	Wide	Radio China FM	radio	DVB-S	3/4		27.500		Chinese

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang	
11.843	Wide	Radio We	radio	DVB-S	3/4	27.500		Italian	
	V Wide	Cosmote TV	package	DVB-S2	3/5	27.500	Videoguard		
	Wide	Stingray IConcerts	TV	DVB-S2	3/5	27.500	Videoguard		
	Wide	Kriti TV	TV	DVB-S2	3/5	27.500	Videoguard	Greek	
	Wide	Luxe TV	TV	DVB-S2	3/5	27.500	Videoguard	French	
	Wide	Stingray CMusic	TV	DVB-S2	3/5	27.500	Videoguard	English	
	Wide	France 24 Français	TV	DVB-S2	3/5	27.500	Videoguard	French	
	Wide	CNBC Europe	TV	DVB-S2	3/5	27.500	Videoguard	English	
	Wide	Star Kentrikis Elladas	TV	DVB-S2	3/5	27.500	Videoguard	Greek	
	Wide	BBC World News Europe	TV	DVB-S2	3/5	27.500	Videoguard	English	
	Wide	Mezzo	TV	DVB-S2	3/5	27.500	Videoguard	French	
	Wide	E! Europe	TV	DVB-S2	3/5	27.500	Videoguard	Greek	
	Wide	Ginx eSports TV Greece	TV	DVB-S2	3/5	27.500	Videoguard	English	
	Wide	MTV Live HD	TV	DVB-S2	3/5	27.500	Videoguard	English	
11.861	H Wide	Kabel Eins Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German	
	Wide	DMAX Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German	
	Wide	Tele 5	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	English	
	Wide	Nickelodeon Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	"German,English"	
	Wide	MTV Germany +1	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German	
11.881	Wide	Sport 1	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German	
	Wide	TLC Germany	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German	
	V Wide	Eutelsat	package	DVB-S2	2/3	27.500	Irdeto/Viaccess/BISS		
	Wide	Rai Italia Africa	TV	DVB-S2	2/3	27.500	Irdeto	Italian	
	Wide	RTI 1	TV	DVB-S2	2/3	27.500		French	
	Wide	Eurobet Canale Rosso	TV	DVB-S2	2/3	27.500	BISS	Italian	
	Wide	Eurobet Canale Blu & Giallo	TV	DVB-S2	2/3	27.500	BISS	Italian	
	Wide	Eurobet Canale Verde	TV	DVB-S2	2/3	27.500	BISS	Italian	
	Wide	ORTB TV	TV	DVB-S2	2/3	27.500		French	
	Wide	MCM Top	TV	DVB-S2	2/3	27.500	Viaccess	French	
	Wide	Radio Côte d'Ivoire	radio	DVB-S2	2/3	27.500		French	
	Wide	Radio Sénégal International	radio	DVB-S2	2/3	27.500			
	11.900	H Wide	unknown	package	DVB-S2	2/3	27.500	Conax/Nagravision/Viaccess/Video guard	
Wide		Trace Sport Stars	TV	DVB-S2	2/3	27.500	Viaccess	"English,French,Russian"	
Wide		Trace Urban	TV	DVB-S2	2/3	27.500	Viaccess	English	
Wide		TVT International	TV	DVB-S2	2/3	27.500		French	
Wide		RTB TV	TV	DVB-S2	2/3	27.500		French	
Wide		EbS	TV	DVB-S2	2/3	27.500		"English,French,German, Italian,Spanish,Greek,Portuguese,Dutch,Danish,Finnish,Swedish,Czech,Estonian,Latvian,Lithuanian,Hungarian,Maltese,Polish,Slovak,Slovenian,Bulgarian,Romanian,Irish,Croatian"	
Wide		EbS+	TV	DVB-S2	2/3	27.500		"English,French,German, Italian,Spanish,Greek,Portuguese,Dutch,Danish,Finnish,Swedish,Czech,Estonian,Latvian,Lithuanian,Hungarian,Maltese,Polish,Slovak,Slovenian,Bulgarian,Romanian,Irish,Croatian"	
Wide		MyZen TV	TV	DVB-S2	2/3	27.500	Viaccess	"Spanish,Russian,English ,French,Turkish"	
Wide		Radio Lomé	radio	DVB-S2	2/3	27.500		French	
Wide		Radio Kara	radio	DVB-S2	2/3	27.500		French	
Wide		RTB Radio	radio	DVB-S2	2/3	27.500		French	
11.938		H Wide	Cosmote TV	package	DVB-S2	2/3	27.500	Videoguard	
		Wide	ERT 3	TV	DVB-S2	2/3	27.500	Videoguard	Greek
		Wide	Village Cinemas	TV	DVB-S2	2/3	27.500	Videoguard	English
	Wide	Vergina TV	TV	DVB-S2	2/3	27.500	Videoguard	Greek	
	Wide	Atlas TV	TV	DVB-S2	2/3	27.500	Videoguard	Greek	
	Wide	CNN International Europe	TV	DVB-S2	2/3	27.500	Videoguard	English	
	Wide	TCM Central & Eastern Europe	TV	DVB-S2	2/3	27.500	Videoguard	English	
	Wide	ERT Sports	TV	DVB-S2	2/3	27.500	Videoguard	Greek	
	Wide	National Geographic Ellada	TV	DVB-S2	2/3	27.500	Videoguard	Greek	
	Wide	ERT 2	TV	DVB-S2	2/3	27.500	Videoguard	Greek	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang		
11.958	V	Wide	Cosmote Cinema 2	TV	DVB-S2	2/3	27.500	Videoguard	Greek	
	Wide	Fox Life Greece	TV	DVB-S2	2/3	27.500	Videoguard	Greek		
	Wide	MTVA	package	DVB-S2	2/3	27.500				
	Wide	M1	TV	DVB-S2	2/3	Y 27.500		Hungarian		
	Wide	M2	TV	DVB-S2	2/3	Y 27.500		Hungarian		
	Wide	Duna TV	TV	DVB-S2	2/3	Y 27.500		Hungarian		
	Wide	M4 Sport	TV	DVB-S2	2/3	Y 27.500		Hungarian		
	Wide	Duna World	TV	DVB-S2	2/3	Y 27.500		Hungarian		
	Wide	M5	TV	DVB-S2	2/3	Y 27.500		Hungarian		
	Wide	Kossuth Rádió	radio	DVB-S2	2/3	27.500		Hungarian		
	Wide	Petőfi Rádió	radio	DVB-S2	2/3	27.500		Hungarian		
	Wide	Bartók Rádió	radio	DVB-S2	2/3	27.500		Hungarian		
	Wide	Nemzetiségi Rádió	radio	DVB-S2	2/3	27.500				
	Wide	Parlamenti Rádió	radio	DVB-S2	2/3	27.500		Hungarian		
	Wide	Dankó Rádió	radio	DVB-S2	2/3	27.500		Hungarian		
	Wide	Duna World Rádió	radio	DVB-S2	2/3	27.500		Hungarian		
	Wide	Magyar Katolikus Rádió	radio	DVB-S2	2/3	27.500		Hungarian		
	Wide	Kossuth Rádió	radio	DVB-S2	2/3	27.500		Hungarian		
	11.977	H	Wide	Petőfi Rádió	radio	DVB-S2	2/3	27.500		Hungarian
		Wide	Bartók Rádió	radio	DVB-S2	2/3	27.500		Hungarian	
Wide		Dankó Rádió	radio	DVB-S2	2/3	27.500		Hungarian		
Wide		Kossuth Rádió	radio	DVB-S2	2/3	27.500		Hungarian		
Wide		Petőfi Rádió	radio	DVB-S2	2/3	27.500		Hungarian		
Wide		M7 Deutschland	package	DVB-S2	2/3	27.500	Conax/Videoguard			
Wide		Mediaset Italia	TV	DVB-S2	2/3	27.500	Conax/Videoguard	Italian		
Wide		Playboy TV Europe	TV	DVB-S2	2/3	27.500	Conax/Videoguard	"English,French"		
Wide		ITVN Europe	TV	DVB-S2	2/3	27.500	Conax/Videoguard	Polish		
Wide		Auto Motor und Sport	TV	DVB-S2	2/3	27.500	Conax/Videoguard	"German,Bulgarian,Czech,Hungarian"		
Wide		Fuel TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard	English		
Wide		Fix & Foxi	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German,Bulgarian		
Wide		Penthouse Passion	TV	DVB-S2	2/3	27.500	Conax/Videoguard	English		
Wide		Mezzo Live HD	TV	DVB-S2	2/3	27.500	Conax/Videoguard			
Wide		Ost West	TV	DVB-S2	2/3	27.500	Conax/Videoguard	Russian		
Wide	Nash Kinomir	TV	DVB-S2	2/3	27.500	Conax/Videoguard	Russian			
Wide	Telebom	TV	DVB-S2	2/3	27.500	Conax/Videoguard	Russian			
Wide	Teledom	TV	DVB-S2	2/3	27.500	Conax/Videoguard	Russian			
11.996	V	Wide	Globecast	package	DVB-S	3/4	27.500			
	Wide	CCTV 4 Europe	TV	DVB-S	3/4	27.500		Chinese		
	Wide	CGTN Español	TV	DVB-S	3/4	27.500		Spanish		
	Wide	CGTN Russkij	TV	DVB-S	3/4	27.500		Russian		
	Wide	CGTN Arabic	TV	DVB-S	3/4	27.500		Arabic		
	Wide	CGTN Documentary	TV	DVB-S	3/4	27.500		English		
12.015	H	Wide	NHK World Japan Radio	radio	DVB-S	3/4	27.500			
	Wide	M7 Deutschland	package	DVB-S2	2/3	27.500	Conax/Videoguard			
	Wide	Super RTL Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German		
	Wide	Sixx Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German		
	Wide	RTL Zwei Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German		
	Wide	Deluxe Music	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German		
	Wide	Comedy Central Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German		
12.034	V	Wide	Disney Channel Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German	
	Wide	Globecast	package	DVB-S2	3/4	27.500				
	Wide	M6 Suisse	TV	DVB-S2	3/4	27.500		French		
	Wide	6ter Suisse	TV	DVB-S2	3/4	27.500		French		
	Wide	W9 Suisse	TV	DVB-S2	3/4	27.500		French		
	Wide	RTG International	TV	DVB-S2	3/4	27.500		"Russian,English,Turkish"		
	Wide	Phoenix InfoNews Channel	TV	DVB-S2	3/4	27.500		Chinese		
	Wide	ORTM	TV	DVB-S2	3/4	27.500		French		
	Wide	Télé Sahel	TV	DVB-S2	3/4	27.500		French		
	Wide	BBC Entertainment Europe	TV	DVB-S2	3/4	27.500	Irdeto	English		
	Wide	Disney Channel Middle East	TV	DVB-S2	3/4	27.500	Irdeto	"Arabic,Greek,English"		
	Wide	Karusel International	TV	DVB-S2	3/4	27.500		Russian		
Wide	MST International	TV	DVB-S2	3/4	27.500	Conax				
Wide	Outdoor Channel International	TV	DVB-S2	3/4	27.500	Irdeto	Turkish,English,Russian			

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang	
12.054	H	Wide	ORTM Chaine Nationale	radio	DVB-S2	3/4	27.500	French	
		Wide	Voix du Sahel	radio	DVB-S2	3/4	27.500	French	
		Wide	unknown	package	DVB-S2	2/3	27.500	Viaccess/Videoguard	
		Wide	ERT 1	TV	DVB-S2	2/3	27.500	Videoguard	Greek
		Wide	Cosmote Sport 6	TV	DVB-S2	2/3	27.500	Videoguard	"Greek,English"
		Wide	Vouli Tileorasi	TV	DVB-S2	2/3	27.500		Greek
		Wide	4E	TV	DVB-S2	2/3	27.500		Greek
		Wide	Ant1	TV	DVB-S2	2/3	27.500	Videoguard	Greek
		Wide	Cosmote Sport 4	TV	DVB-S2	2/3	27.500	Videoguard	"Greek,English"
		Wide	One Channel	TV	DVB-S2	2/3	27.500	Videoguard	Greek
		Wide	Nat Geo Wild Europe	TV	DVB-S2	2/3	27.500	Videoguard	English
		Wide	Fashion TV Europe	TV	DVB-S2	2/3	27.500	Videoguard	
		Wide	Ant1 Europe	TV	DVB-S2	2/3	27.500	Viaccess	Greek
		Wide	Baby TV Europe	TV	DVB-S2	2/3	27.500	Videoguard	"Greek,English"
12.074	V	Wide	EuroNews Ellinika	TV	DVB-S2	2/3	27.500	Videoguard	Greek
		Wide	Cosmote Sport 7	TV	DVB-S2	2/3	27.500	Videoguard	"Greek,English"
		Wide	Makedonia TV	TV	DVB-S2	2/3	27.500	Videoguard	Greek
		Wide	Joyne	package	DVB-S2	3/4	30.000	Conax	
		Wide	Nickelodeon Nederland	TV	DVB-S2	3/4	30.000	Conax	Dutch
		Wide	Discovery Channel Nederland	TV	DVB-S2	3/4	30.000	Conax	Dutch
		Wide	Investigation Discovery Nederland	TV	DVB-S2	3/4	30.000	Conax	Dutch
		Wide	Eurosport 1 Nederland	TV	DVB-S2	3/4	30.000	Conax	"Dutch,English"
		Wide	Eurosport 2 Nederland	TV	DVB-S2	3/4	30.000	Conax	"Dutch,English"
		Wide	TLC Nederland	TV	DVB-S2	3/4	30.000	Conax	Dutch
		Wide	Xite Nederland	TV	DVB-S2	3/4	30.000	Conax	Dutch
		Wide	MTV NL	TV	DVB-S2	3/4	30.000	Conax	Dutch
		Wide	TV Oranje	TV	DVB-S2	3/4	30.000		Dutch
		Wide	Schlager TV	TV	DVB-S2	3/4	30.000		German
		Wide	Nashville TV	TV	DVB-S2	3/4	30.000		English
		Wide	192 TV	TV	DVB-S2	3/4	30.000	Conax	Dutch
		Wide	Omrop Fryslân TV	TV	DVB-S2	3/4	30.000		Frisian
		Wide	TV Noord	TV	DVB-S2	3/4	30.000		Dutch
		Wide	TV Drenthe	TV	DVB-S2	3/4	30.000		Dutch
		Wide	TV Oost	TV	DVB-S2	3/4	30.000		Dutch
		Wide	Omroep Flevoland TV	TV	DVB-S2	3/4	30.000		Dutch
		Wide	Omroep Zeeland TV	TV	DVB-S2	3/4	30.000		Dutch
		Wide	TV Rijnmond	TV	DVB-S2	3/4	30.000		Dutch
		Wide	RTV Utrecht	TV	DVB-S2	3/4	30.000		Dutch
		Wide	L1 TV	TV	DVB-S2	3/4	30.000		Dutch
		Wide	Omroep Brabant TV	TV	DVB-S2	3/4	30.000		Dutch
		Wide	TV Gelderland	TV	DVB-S2	3/4	30.000		Dutch
		Wide	NH TV	TV	DVB-S2	3/4	30.000		Dutch
		Wide	TV West	TV	DVB-S2	3/4	30.000		Dutch
		Wide	Één	TV	DVB-S2	3/4	Y 30.000	Conax	"Dutch,English"
		Wide	Canvas	TV	DVB-S2	3/4	Y 30.000	Conax	Dutch
		Wide	Ketnet Junior	TV	DVB-S2	3/4	Y 30.000	Conax	Dutch
		Wide	Ketnet	TV	DVB-S2	3/4	Y 30.000	Conax	Dutch
		Wide	History HD Europe	TV	DVB-S2	3/4	30.000	Conax	Dutch
Wide	Crime + Investigation Network Nederland	TV	DVB-S2	3/4	30.000	Conax	Dutch		
Wide	Family 7	TV	DVB-S2	3/4	30.000	Conax	Dutch		
Wide	Fox NL	TV	DVB-S2	3/4	30.000	Conax	Dutch		
Wide	Fox Sports 1 Nederland	TV	DVB-S2	3/4	Y 30.000	Conax	Dutch		
Wide	Travelxp HD Europe	TV	DVB-S2	3/4	30.000	Conax	English		
Wide	Joyne informatiekanaal	TV	DVB-S2	3/4	30.000		Dutch		
Wide	Dusk	TV	DVB-S2	3/4	30.000	Conax	English		
Wide	NPO Radio 1	radio	DVB-S2	3/4	30.000		Dutch		
Wide	NPO Radio 2	radio	DVB-S2	3/4	30.000		Dutch		
Wide	NPO 3FM	radio	DVB-S2	3/4	30.000		Dutch		
Wide	NPO Radio 4	radio	DVB-S2	3/4	30.000		Dutch		
Wide	NPO Radio 5	radio	DVB-S2	3/4	30.000		Dutch		
Wide	Radio NL	radio	DVB-S2	3/4	30.000		Dutch		
Wide	100% NL	radio	DVB-S2	3/4	30.000		Dutch		
Wide	Sky Radio	radio	DVB-S2	3/4	30.000		Dutch		
Wide	Radio 538	radio	DVB-S2	3/4	30.000		Dutch		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
12.092	Wide	Radio Veronica	radio	DVB-S2	3/4	30.000		Dutch
	H Wide	Arqiva	package	DVB-S2	3/4	27.500	PowerVu/Viaccess/Videoguard	
	Wide	Disney Junior Türkiye & Polska	TV	DVB-S2	3/4	27.500	Viaccess	"English,Turkish,Polish, Romanian,Greek,Arabic"
	Wide	NTD TV Europe	TV	DVB-S2	3/4	27.500		Chinese
	Wide	E! Europe	TV	DVB-S2	3/4	27.500	Viaccess	"English,German,French, Polish,Turkish,Czech,Hu ngarian"
12.111	V Wide	PTV Global	TV	DVB-S2	3/4	27.500		Urdu
	Italy	Mediaset	package	DVB-S2	2/3	31.400		
	Nordic & Eastern	Dorama	TV	DVB-S2	5/6	27.500	Verimatrix (B)	Russian
	Nordic Baltic	NLO TV	TV	DVB-S2	5/6	27.500		Ukrainian
	Italy	Boing Italia	TV	DVB-S2	2/3	31.400		Italian
	Nordic Baltic	Indigo TV	TV	DVB-S2	5/6	27.500		Ukrainian
	Italy	Cartoonito Italia	TV	DVB-S2	2/3	31.400		Italian
	Italy	20 Mediaset	TV	DVB-S2	2/3	31.400		Italian
	Italy	Top Crime	TV	DVB-S2	2/3	31.400		Italian
	Italy	Focus	TV	DVB-S2	2/3	31.400		Italian
	Italy	Cine 34	TV	DVB-S2	2/3	31.400		Italian
	Nordic & Eastern	Ukraina 24	TV	DVB-S2	5/6	27.500		Ukrainian
	Nordic & Eastern	Sea TV	TV	DVB-S2	5/6	27.500	Verimatrix (B)	Russian
	Nordic & Eastern	Da Vinci	TV	DVB-S2	5/6	27.500	Verimatrix (B)	Ukrainian
	Italy	Food Network Italia	TV	DVB-S2	2/3	31.400		Italian
	Italy	QVC Italia	TV	DVB-S2	2/3	31.400		Italian
	Italy	Persidera	package	DVB-S2	2/3	31.400		
	Italy	Quadrifoglio TV 230	TV	DVB-S2	2/3	31.400		Italian
	Italy	Quadrifoglio TV 162	TV	DVB-S2	2/3	31.400		Italian
	Italy	Juwelo Italia	TV	DVB-S2	2/3	31.400		Italian
	Italy	Channel 24	TV	DVB-S2	2/3	31.400		Italian
	Italy	HSE 24 Donna	TV	DVB-S2	2/3	31.400		Italian
	Italy	Rete Italia	TV	DVB-S2	2/3	31.400		Italian
	Italy	La 4 Italia	TV	DVB-S2	2/3	31.400		Italian
	Italy	Gold TV Italia	TV	DVB-S2	2/3	31.400		Italian
	Italy	Linea Gem	TV	DVB-S2	2/3	31.400		Italian
	Italy	Linea Italia	TV	DVB-S2	2/3	31.400		Italian
	Italy	Orler TV	TV	DVB-S2	2/3	31.400		Italian
	Italy	Air Italia	TV	DVB-S2	2/3	31.400		Italian
	Italy	HSE 24 Beauty	TV	DVB-S2	2/3	31.400		Italian
	Italy	Donna TV	TV	DVB-S2	2/3	31.400		Italian
	Italy	Canale 165	TV	DVB-S2	2/3	31.400		Italian
Italy	Rainbow	TV	DVB-S2	2/3	31.400		Italian	
Italy	Fire TV	TV	DVB-S2	2/3	31.400		Italian	
Italy	Life 120 Channel	TV	DVB-S2	2/3	31.400		Italian	
Italy	Top Calcio 24	TV	DVB-S2	2/3	31.400		Italian	
Italy	Quadrifoglio TV 232	TV	DVB-S2	2/3	31.400		Italian	
Italy	Italia Channel	TV	DVB-S2	2/3	31.400		Italian	
12.130	H Germany Ge	M7 Deutschland	package	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	EuroStar	TV	DVB-S2	2/3	27.500	Conax/Videoguard	Turkish
	Germany Ge	EuroNews Français	TV	DVB-S2	2/3	27.500	Conax/Videoguard	French
	Germany Ge	RTR Planeta	TV	DVB-S2	2/3	27.500	Conax/Videoguard	Russian
	Germany Ge	Marco Polo TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
	Germany Ge	TNT International	TV	DVB-S2	2/3	27.500	Conax/Videoguard	Russian
	Germany Ge	ProSieben Fun	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
	Germany Ge	Kinowelt TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
	Germany Ge	Bon Gusto	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
	Germany Ge	Heimatkanal	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
	Germany Ge	Silverline Movie Channel	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
	Germany Ge	Sony Channel Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	"German,English"
	12.149	V Nordic & Eastern	Viasat Sport East	TV	DVB-S2	5/6	27.500	Verimatrix (B)
Italy		Canale 5	TV	DVB-S2	2/3	31.400		Italian
Italy		Sky Sport Serie A	TV	DVB-S2	2/3	31.400	Nagravision	Italian
Italy		Italia 1	TV	DVB-S2	2/3	31.400		Italian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Italy	Mediaset Extra	TV	DVB-S2	2/3	31.400		Italian
	Italy	Rete 4	TV	DVB-S2	2/3	31.400		Italian
	Nordic & Eastern	Gametoon	TV	DVB-S2	5/6	27.500	Verimatrix (B)	English
	Italy	Premium Cinema 2	TV	DVB-S2	2/3	31.400	Nagravision/Videoguard	Italian
	Nordic & Eastern	Niki Kids	TV	DVB-S2	5/6	27.500	Verimatrix (B)	Ukrainian,English
	Nordic & Eastern	Niki Junior	TV	DVB-S2	5/6	27.500	Verimatrix (B)	Ukrainian,English
	Italy	Sky Atlantic	TV	DVB-S2	2/3	31.400	Nagravision	Italian
	Nordic & Eastern	Cartoon Network Russia & South East Europe	TV	DVB-S2	5/6	27.500	Verimatrix (B)	Russian,English
	Italy	Fox Italia	TV	DVB-S2	2/3	31.400	Nagravision	Italian
	Italy	Premium Stories	TV	DVB-S2	2/3	31.400	Nagravision/Videoguard	Italian
	Italy	Premium Crime	TV	DVB-S2	2/3	31.400	Nagravision/Videoguard	Italian
	Italy	Sportitalia	package	DVB-S2	2/3	31.400		
	Italy	Sportitalia	TV	DVB-S2	2/3	31.400		Italian
12.169	H Extended Greece	Cosmote TV	package	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Cosmote TV Promo Channel	TV	DVB-S2	2/3	27.500		
	Extended Greece	Fox Greece	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Extended Greece	Cosmote Sport 5	TV	DVB-S2	2/3	27.500	Videoguard	"Greek,English"
	Extended Greece	Nea TV	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Extended Greece	Action 24	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Extended Greece	EuroNews English	TV	DVB-S2	2/3	27.500	Videoguard	English
	Extended Greece	Cosmote Sport 9	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Extended Greece	BBC Earth Greece	TV	DVB-S2	2/3	27.500	Videoguard	English
	Extended Greece	Fox Sports Europe	TV	DVB-S2	2/3	27.500	Videoguard	English
	Extended Greece	CBS Reality Europe	TV	DVB-S2	2/3	27.500	Videoguard	English
	Extended Greece	Viasat Nature East	TV	DVB-S2	2/3	27.500	Videoguard	English
	Extended Greece	Viasat Explore East	TV	DVB-S2	2/3	27.500	Videoguard	English
	Extended Greece	Crime + Investigation UK	TV	DVB-S2	2/3	27.500	Videoguard	English
12.188	V Italy	Mediaset	package	DVB-S2	2/3	31.400		
	Nordic & Eastern	Fine Living	TV	DVB-S2	5/6	27.500	Verimatrix (B)	Russian,English
	Italy	Rete 4	TV	DVB-S2	2/3	31.400		Italian
	Italy	Canale 5	TV	DVB-S2	2/3	31.400		Italian
	Italy	Italia 1	TV	DVB-S2	2/3	31.400		Italian
	Italy	La 5	TV	DVB-S2	2/3	31.400		Italian
	Italy	TGCom 24	TV	DVB-S2	2/3	31.400		Italian
	Italy	Iris	TV	DVB-S2	2/3	31.400		Italian
	Nordic & Eastern	VIP Comedy	TV	DVB-S2	5/6	27.500	Verimatrix (B)	Russian
	Italy	Mediaset	package	DVB-S2	2/3	31.400	Nagravision	
	Nordic & Eastern	Blue Hustler Europe	TV	DVB-S2	5/6	27.500	Verimatrix (B)	English
	Nordic & Eastern	Barely Legal TV	TV	DVB-S2	5/6	27.500	Verimatrix (B)	English
	Italy	Sky Sport Serie A	TV	DVB-S2	2/3	31.400	Nagravision	Italian
	Italy	Premium Action	TV	DVB-S2	2/3	31.400	Nagravision/Videoguard	Italian
	Italy	Sky Cinema per te	TV	DVB-S2	2/3	31.400	Nagravision	Italian
	Italy	Sky Sport Uno	TV	DVB-S2	2/3	31.400	Nagravision	Italian
	Italy	Sky Sport Uno	TV	DVB-S2	2/3	31.400	Nagravision	Italian
	Italy	Sky Sport 24	TV	DVB-S2	2/3	31.400	Nagravision	Italian
	Italy	Sky Uno	TV	DVB-S2	2/3	31.400	Nagravision	Italian
	Nordic & Eastern	Futbol 1	TV	DVB-S2	5/6	27.500	Verimatrix (B)	Ukrainian
	Nordic & Eastern	Futbol 2	TV	DVB-S2	5/6	27.500	Verimatrix (B)	Ukrainian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
12.207	H Extended Greece	Cosmote TV	package	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Motorvision TV	TV	DVB-S2	2/3	27.500	Videoguard	"English,French"
	Extended Greece	Cosmote History	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Extended Greece	Smile TV	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Extended Greece	Alpha TV	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Extended Greece	Cosmote Series	TV	DVB-S2	2/3	27.500	Videoguard	English
	Extended Greece	VH1 Europe	TV	DVB-S2	2/3	27.500	Videoguard	English
	Extended Greece	Disney Channel Middle East	TV	DVB-S2	2/3	27.500	Videoguard	"Greek,English"
	Extended Greece	Cosmote Sport Highlights	TV	DVB-S2	2/3	27.500	Videoguard	"Greek,English"
	Extended Greece	SKAÍ	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Extended Greece	Star Channel	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Extended Greece	National Geographic Ellada	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Extended Greece	Viasat History	TV	DVB-S2	2/3	27.500	Videoguard	English
12.226	V Nordic Baltic	unknown	package	DVB-S2	5/6	27.500		
	Nordic Baltic	Niki Kids	TV	DVB-S2	5/6	27.500		Ukrainian
	Nordic Baltic	Niki Junior	TV	DVB-S2	5/6	27.500		Ukrainian
	Nordic Baltic	Eu Music	TV	DVB-S2	5/6	27.500		Ukrainian
	Nordic Baltic	4ever Music	TV	DVB-S2	5/6	27.500		Ukrainian
	Nordic Baltic	Eutelsat promo	TV	DVB-S2	5/6	27.500		English
12.245	H Germany Ge	M7 Deutschland	package	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	RTL Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
	Germany Ge	Vox Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
	Germany Ge	Sat. 1 Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
	Germany Ge	ProSieben Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
	Germany Ge	Nitro Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
	Germany Ge	N-TV	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
12.256	V Italy	Quadrifoglio TV 230	TV	DVB-S2	3/5	14.304		Italian
	Italy	Quadrifoglio TV 162	TV	DVB-S2	3/5	14.304		Italian
12.284	H Extended Greece	Cosmote TV	package	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Sirina TV	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Extended Greece	Neo Epsilon	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Extended Greece	Cosmote Cinema 1	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Extended Greece	Cosmote Cinema on demand 1	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Extended Greece	Cosmote Cinema on demand 2	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Extended Greece	Open Beyond TV	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Extended Greece	Hustler HD Europe	TV	DVB-S2	2/3	27.500	Videoguard	English
	Extended Greece	TV Creta	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Extended Greece	Penthouse Gold	TV	DVB-S2	2/3	27.500	Videoguard	English
	Extended Greece	Ena Channel	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Extended Greece	Blue Hustler Europe	TV	DVB-S2	2/3	27.500	Videoguard	English
	Extended Greece	Cosmote Sport 1	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Extended Greece	Private TV	TV	DVB-S2	2/3	27.500	Videoguard	English
12.322	H Germany Ge	M7 Deutschland	package	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	Show Turk	TV	DVB-S2	2/3	27.500	Conax/Videoguard	Turkish
	Germany Ge	CNN Türk	TV	DVB-S2	2/3	27.500	Conax/Videoguard	Turkish
	Germany Ge	Kanal 7 Avrupa	TV	DVB-S2	2/3	27.500	Conax/Videoguard	Turkish
	Germany Ge	Euro D	TV	DVB-S2	2/3	27.500	Conax/Videoguard	Turkish

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Germany Ge	TV 8 International	TV	DVB-S2	2/3		27.500	Conax/Videoguard	Turkish
	Germany Ge	Rai 1	TV	DVB-S2	2/3	Y	27.500	Conax/Videoguard	Italian
	Germany Ge	ATV Avrupa	TV	DVB-S2	2/3		27.500	Conax/Videoguard	Turkish
	Germany Ge	Rai 3	TV	DVB-S2	2/3	Y	27.500	Conax/Videoguard	Italian
	Germany Ge	TVP Polonia	TV	DVB-S2	2/3	Y	27.500	Conax/Videoguard	Polish
	Germany Ge	TRT Türk	TV	DVB-S2	2/3		27.500	Conax/Videoguard	Turkish
	Germany Ge	Wetter.com TV	TV	DVB-S2	2/3		27.500	Conax/Videoguard	German
	Germany Ge	RTL Crime Deutschland	TV	DVB-S2	2/3		27.500	Conax/Videoguard	German
	Germany Ge	MTV Live HD	TV	DVB-S2	2/3		27.500	Conax/Videoguard	English
12.341	V Italy	Cairo Communication	package	DVB-S2	5/6		31.400		
	Italy	La 7	TV	DVB-S2	5/6		31.400		Italian
	Italy	La 7 d	TV	DVB-S2	5/6		31.400		Italian
	Italy	La 7	TV	DVB-S2	5/6		31.400		Italian
	Italy	La 7 d	TV	DVB-S2	5/6		31.400		Italian
	Italy	Mediaset	package	DVB-S2	5/6		31.400		
	Italy	Radio 105 TV	TV	DVB-S2	5/6		31.400		Italian
	Italy	Virgin Radio Italia	TV	DVB-S2	5/6		31.400		Italian
	Italy	R101 TV	TV	DVB-S2	5/6		31.400		Italian
	Italy	Italia 2	TV	DVB-S2	5/6		31.400		Italian
	Italy	Virgin Radio TV	TV	DVB-S2	5/6		31.400		Italian
	Italy	R101	radio	DVB-S2	5/6		31.400		Italian
	Italy	Radio 105	radio	DVB-S2	5/6		31.400		Italian
	Italy	Virgin Radio Italia	radio	DVB-S2	5/6		31.400		Italian
	Italy	Donna Shopping	TV	DVB-S2	5/6		31.400		Italian
	Italy	Radio Monte Carlo	radio	DVB-S2	5/6		31.400		Italian
	Italy	TV 153	TV	DVB-S2	5/6		31.400		Italian
	Italy	Sportitalia	TV	DVB-S2	5/6		31.400		Italian
	Italy	Mediaset	package	DVB-S2	5/6		31.400		
	Italy	Boing Italia	TV	DVB-S2	5/6		31.400		Italian
	Italy	Padre Pio TV	TV	DVB-S2	5/6		31.400		Italian
	Italy	Cartoonito Italia	TV	DVB-S2	5/6		31.400		Italian
	Italy	Radio Zeta FM	radio	DVB-S2	5/6		31.400		Italian
	Italy	20 Mediaset	TV	DVB-S2	5/6		31.400		Italian
	Italy	Top Crime	TV	DVB-S2	5/6		31.400		Italian
	Italy	Focus	TV	DVB-S2	5/6		31.400		Italian
	Italy	Cine 34	TV	DVB-S2	5/6		31.400		Italian
	Italy	Food Network Italia	TV	DVB-S2	5/6		31.400		Italian
	Italy	QVC Italia	TV	DVB-S2	5/6		31.400		Italian
12.360	H Germany Ge	M7 Deutschland	package	DVB-S2	2/3		27.500	Conax/Videoguard	
	Germany Ge	Nick Jr Deutschland	TV	DVB-S2	2/3		27.500	Conax/Videoguard	"German,English"
	Germany Ge	Spiegel TV Wissen	TV	DVB-S2	2/3		27.500	Conax/Videoguard	German
	Germany Ge	History Deutschland	TV	DVB-S2	2/3		27.500	Conax/Videoguard	"German,English"
	Germany Ge	Crime + Investigation Deutschland	TV	DVB-S2	2/3		27.500	Conax/Videoguard	"German,English"
	Germany Ge	13th Street Deutschland	TV	DVB-S2	2/3		27.500	Conax/Videoguard	"German,English"
	Germany Ge	Syfy Deutschland	TV	DVB-S2	2/3		27.500	Conax/Videoguard	German
	Germany Ge	National Geographic Deutschland	TV	DVB-S2	2/3		27.500	Conax/Videoguard	"German,English"
	Germany Ge	Sport 1+	TV	DVB-S2	2/3		27.500	Conax/Videoguard	German
12.399	H Extended Greece	Cosmote TV	package	DVB-S2	2/3		27.500	Videoguard/BISS	
	Extended Greece	Cosmote Sport 2	TV	DVB-S2	2/3		27.500	Videoguard	Greek
	Extended Greece	Disney Junior Greece	TV	DVB-S2	2/3		27.500	Videoguard	"Greek,English"
	Extended Greece	Mega TV	TV	DVB-S2	2/3		27.500	Videoguard	Greek
	Extended Greece	Cosmote Sport 3	TV	DVB-S2	2/3		27.500	Videoguard	Greek
	Extended Greece	Travel Channel Europe	TV	DVB-S2	2/3		27.500	Videoguard	English
	Extended Greece	Body in Balance Greece	TV	DVB-S2	2/3		27.500	Videoguard	German
	Extended Greece	National Geographic +	TV	DVB-S2	2/3		27.500	Videoguard	
	Extended Greece	Mad TV	TV	DVB-S2	2/3		27.500	Videoguard	Greek
	Extended Greece	Disney XD Hellas	TV	DVB-S2	2/3		27.500	Videoguard	"Greek,English"

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Extended Greece	France 24 English	TV	DVB-S2	2/3	27.500	Videoguard	English
	Extended Greece	Nickelodeon HD	TV	DVB-S2	2/3	27.500	Videoguard	English
	Extended Greece	Cosmote Cinema 3	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Extended Greece	Cosmote Sport 8	TV	DVB-S2	2/3	27.500	Videoguard	"Greek,English"
	Extended Greece	Aigaio TV	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Extended Greece	Peiraiki Ekklesia 91.2 FM	radio	DVB-S2	2/3	27.500		Greek
12.437	H Germany Ge	M7 Deutschland	package	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	Romance TV Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
	Germany Ge	AXN Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	"German,English"
	Germany Ge	E! Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	"German,English"
	Germany Ge	Duck TV SD	TV	DVB-S2	2/3	27.500	Conax/Videoguard	English
	Germany Ge	Sportdigital Fussball	TV	DVB-S2	2/3	27.500	Conax/Videoguard	"German,English"
	Germany Ge	RTL Living Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
	Germany Ge	Gute Laune TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
	Germany Ge	Geo TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
	Germany Ge	Fox Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	"German,English"
12.466	V Italy	Persidera	package	DVB-S2	3/4	41.950		
	Italy	Giallo	TV	DVB-S2	3/4	41.950		Italian
	Italy	RTL 102.5 RadioVisione	TV	DVB-S2	3/4	41.950		Italian
	Italy	HSE 24 Italia	TV	DVB-S2	3/4	41.950		Italian
	Italy	Real Time Italia	TV	DVB-S2	3/4	41.950		Italian
	Italy	DMAX Italia	TV	DVB-S2	3/4	41.950		Italian
	Italy	Super!	TV	DVB-S2	3/4	41.950		Italian
	Italy	Radio Freccia TV	TV	DVB-S2	3/4	41.950		Italian
	Italy	Radio DeeJay	radio	DVB-S2	3/4	41.950		Italian
	Italy	Radio Capital	radio	DVB-S2	3/4	41.950		Italian
	Italy	M2o	radio	DVB-S2	3/4	41.950		Italian
	Italy	RTL 102.5 FM	radio	DVB-S2	3/4	41.950		Italian
	Italy	RTL 102.5 Viaradio	radio	DVB-S2	3/4	41.950		Italian
	Italy	Radio Freccia	radio	DVB-S2	3/4	41.950		Italian
	Italy	Persidera	package	DVB-S2	3/4	41.950		
	Italy	Motor Trend	TV	DVB-S2	3/4	41.950		Italian
	Italy	Alma TV	TV	DVB-S2	3/4	41.950		Italian
	Italy	Bom Channel	TV	DVB-S2	3/4	41.950		Italian
	Italy	TV 2000	TV	DVB-S2	3/4	41.950		Italian
	Italy	Sfera TV	TV	DVB-S2	3/4	41.950		Italian
	Italy	Radio Cusano Italia TV	TV	DVB-S2	3/4	41.950		Italian
	Italy	Kiss Kiss TV	TV	DVB-S2	3/4	41.950		Italian
	Italy	Parole di Vita	TV	DVB-S2	3/4	41.950		Italian
	Italy	Radio Zeta Radiovisione	TV	DVB-S2	3/4	41.950		Italian
	Italy	Radio Vaticana 5	radio	DVB-S2	3/4	41.950		Italian
	Italy	Persidera	package	DVB-S2	3/4	41.950		
	Italy	Boing Plus	TV	DVB-S2	3/4	41.950		Italian
	Italy	RDS Social TV	TV	DVB-S2	3/4	41.950		Italian
	Italy	Super Tennis	TV	DVB-S2	3/4	41.950		Italian
	Italy	Spike Italia	TV	DVB-S2	3/4	41.950		Italian,English
	Italy	Radio Italia TV	TV	DVB-S2	3/4	41.950		Italian
	Italy	VH1 Italia	TV	DVB-S2	3/4	41.950		Italian
	Italy	Frisbee	TV	DVB-S2	3/4	41.950		Italian
	Italy	TV 8	TV	DVB-S2	3/4	41.950		Italian,English
	Italy	K2	TV	DVB-S2	3/4	41.950		Italian
	Italy	Radio Italia	radio	DVB-S2	3/4	41.950		Italian
	Italy	Persidera	package	DVB-S2	3/4	41.950		
	Italy	Nove	TV	DVB-S2	3/4	41.950		Italian
	Italy	Cielo	TV	DVB-S2	3/4	41.950		Italian
	Italy	Paramount Network Italia	TV	DVB-S2	3/4	41.950		Italian,English
	Italy	Sky TG 24 Canale 50	TV	DVB-S2	3/4	41.950		Italian
	Italy	HGTV Italia	TV	DVB-S2	3/4	41.950		Italian
	Italy	Mediaset Extra	TV	DVB-S2	3/4	41.950		Italian
	Italy	DeeJay TV	TV	DVB-S2	3/4	41.950		Italian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Italy	Zelig	TV	DVB-S2	3/4	41.950		Italian
	Italy	Radio Maria Italia	radio	DVB-S2	3/4	41.950		Italian
12.475	H Extended Greece	Cosmote TV	package	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Center TV	TV	DVB-S2	2/3	27.500	Videoguard	German
	Extended Greece	Mad Hits	TV	DVB-S2	2/3	27.500	Videoguard	Greek
	Extended Greece	DW English	TV	DVB-S2	2/3	27.500	Videoguard	English
	Extended Greece	Aljazeera English	TV	DVB-S2	2/3	27.500	Videoguard	English
	Extended Greece	RT News	TV	DVB-S2	2/3	27.500	Videoguard	English
	Extended Greece	Bloomberg TV Europe	TV	DVB-S2	2/3	27.500	Videoguard	English
	Extended Greece	Edge Sport	TV	DVB-S2	2/3	27.500	Videoguard	English
	Extended Greece	MTV Europe	TV	DVB-S2	2/3	27.500	Videoguard	English
	Extended Greece	Food Network EMEA	TV	DVB-S2	2/3	27.500	Videoguard	English
	Extended Greece	Outdoor Channel International	TV	DVB-S2	2/3	27.500	Videoguard	English
	Extended Greece	Fine Living	TV	DVB-S2	2/3	27.500	Videoguard	English
	Extended Greece	Nautical Channel	TV	DVB-S2	2/3	27.500	Videoguard	English

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20.192	L Ireland	2RN	package	DVB-S2	5/6	12.500		
	Ireland	RTÉ 2	TV	DVB-S2	5/6	12.500		English,Irish
	Ireland	TG 4	TV	DVB-S2	5/6	12.500		Irish
	Ireland	RTÉ Jr	TV	DVB-S2	5/6	12.500		English
	Ireland	Oireachtas TV	TV	DVB-S2	5/6	12.500		Irish
	Ireland	RTÉ 2 +1	TV	DVB-S2	5/6	12.500		English,Irish
	Ireland	RTÉ Radio 1	radio	DVB-S2	5/6	12.500		English
	Ireland	RTÉ 2 FM	radio	DVB-S2	5/6	12.500		English
	Ireland	RTÉ Lyric FM	radio	DVB-S2	5/6	12.500		English
	Ireland	RTÉ Raidió na Gaeltachta	radio	DVB-S2	5/6	12.500		Irish
	Ireland	RTÉ Radio 1 Extra	radio	DVB-S2	5/6	12.500		English
	Ireland	RTÉ Pulse	radio	DVB-S2	5/6	12.500		English
	Ireland	RTÉ 2XM	radio	DVB-S2	5/6	12.500		English
	Ireland	RTÉ Jr Radio	radio	DVB-S2	5/6	12.500		English
	Ireland	RTÉ Gold	radio	DVB-S2	5/6	12.500		English
	Ireland	RTÉ Chill	radio	DVB-S2	5/6	12.500		English

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3.647	R C	StarTimes TV	package	DVB-S2	5/6	18.825		
	C	Capuchin TV	TV	DVB-S2	5/6	18.825		English
	C	Family TV	TV	DVB-S2	5/6	18.825		English
	C	NTV	TV	DVB-S2	5/6	18.825		English
	C	KTN Home	TV	DVB-S2	5/6	18.825		English
	C	K24	TV	DVB-S2	5/6	18.825		English
	C	Shifu TV	TV	DVB-S2	5/6	18.825		English
	C	KBC Channel 1	TV	DVB-S2	5/6	18.825		English
	C	God TV Africa	TV	DVB-S2	5/6	18.825		English
	C	Mwangaza TV	TV	DVB-S2	5/6	18.825		English
	C	Border TV	TV	DVB-S2	5/6	18.825		English
	C	Gikuyu TV	TV	DVB-S2	5/6	18.825		English
	C	Al Huda TV	TV	DVB-S2	5/6	18.825		Arabic
	C	Faith TV	TV	DVB-S2	5/6	18.825		English
	C	KTN Burudani TV	TV	DVB-S2	5/6	18.825		English
	C	Nuru TV	TV	DVB-S2	5/6	18.825		English
	C	KTN Farmers TV	TV	DVB-S2	5/6	18.825		English
	C	Citizen TV	TV	DVB-S2	5/6	18.825		English
	C	Akili Kids!	TV	DVB-S2	5/6	18.825		English
	C	ST Rembo TV	TV	DVB-S2	5/6	18.825		English
	C	PPP TV	TV	DVB-S2	5/6	18.825		English
	C	Lolwe TV Network	TV	DVB-S2	5/6	18.825		English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	C	Horizon TV	TV	DVB-S2	5/6	18.825		English
	C	Ebru TV Africa	TV	DVB-S2	5/6	18.825		English
	C	Edu Channel	TV	DVB-S2	5/6	18.825		English
	C	Elimu TV	TV	DVB-S2	5/6	18.825		English
	C	Kameme FM	radio	DVB-S2	5/6	18.825		Kikuyu
	C	Milele FM	radio	DVB-S2	5/6	18.825		
	C	Emoo FM	radio	DVB-S2	5/6	18.825		
	C	Mayian FM	radio	DVB-S2	5/6	18.825		
	C	Meru FM	radio	DVB-S2	5/6	18.825		
	C	Osiepe FM	radio	DVB-S2	5/6	18.825		
	C	Msenangu FM	radio	DVB-S2	5/6	18.825		
3.648	L C	Chinese mux	package	DVB-S2	2/3	20.161	Topwell/Unitend/VisionCrypt	
	C	CCTV 1	TV	DVB-S2	2/3	20.161	Topwell/Unitend/VisionCrypt	Chinese
	C	CCTV 2	TV	DVB-S2	2/3	20.161	Topwell/Unitend/VisionCrypt	Chinese
	C	CCTV 3	TV	DVB-S2	2/3	20.161	Topwell/Unitend/VisionCrypt	Chinese
	C	CCTV 4 Asia	TV	DVB-S2	2/3	20.161	Topwell/Unitend/VisionCrypt	Chinese
	C	CCTV 5	TV	DVB-S2	2/3	20.161	Topwell/Unitend/VisionCrypt	Chinese
	C	CCTV 8	TV	DVB-S2	2/3	20.161	Topwell/Unitend/VisionCrypt	Chinese
	C	CCTV 13	TV	DVB-S2	2/3	20.161	Topwell/Unitend/VisionCrypt	Chinese
	C	CCTV 14	TV	DVB-S2	2/3	20.161	Topwell/Unitend/VisionCrypt	Chinese
	C	CCTV 5+	TV	DVB-S2	2/3	20.161	Topwell/Unitend/VisionCrypt	Chinese
	C	CCTV 7	TV	DVB-S2	2/3	20.161	Topwell/Unitend/VisionCrypt	Chinese
	C	Beijing TV	TV	DVB-S2	2/3	20.161	Topwell/Unitend/VisionCrypt	Chinese
	C	Dragon TV International	TV	DVB-S2	2/3	20.161	Topwell/Unitend/VisionCrypt	Chinese
	C	Hunan TV International	TV	DVB-S2	2/3	20.161	Topwell/Unitend/VisionCrypt	Chinese
	C	Jiangsu Satellite TV	TV	DVB-S2	2/3	20.161	Topwell/Unitend/VisionCrypt	Chinese
	C	Zhejiang Satellite TV	TV	DVB-S2	2/3	20.161	Topwell/Unitend/VisionCrypt	Chinese
	C	Anhui Satellite TV	TV	DVB-S2	2/3	20.161	Topwell/Unitend/VisionCrypt	Chinese
	C	Liaoning TV	TV	DVB-S2	2/3	20.161	Topwell/Unitend/VisionCrypt	Chinese
	C	Phoenix Chinese Channel	TV	DVB-S2	2/3	20.161	Topwell/Unitend/VisionCrypt	Chinese
3.689	L C	CIS TV	TV	DVB-S2	3/4	1.083		
3.709	L C	TCV Internacional	TV	DVB-S2	5/6	1.002		Portuguese
3.721	R C	unknown	package	DVB-S2	5/6	3.600	BISS	
	C	Antenne A	TV	DVB-S2	5/6	3.600	BISS	French
	C	Cinarc TV	TV	DVB-S2	5/6	3.600	BISS	French
	C	B-One TV	TV	DVB-S2	5/6	3.600	BISS	French
	C	Moliere TV	TV	DVB-S2	5/6	3.600	BISS	French
	C	Cebs TV	TV	DVB-S2	5/6	3.600	BISS	French
3.724	R C	RTNB TV	TV	DVB-S2	5/6	1.818		French
3.736	R C	StarTimes TV	package	DVB-S2	5/6	12.902	Conax	
	C	Orisun TV	TV	DVB-S2	5/6	12.902	Conax	
	C	Estars TV	TV	DVB-S2	5/6	12.902	Conax	English
	C	Voxafrica Afrique	TV	DVB-S2	5/6	12.902	Conax	
	C	ST Nollywood Plus	TV	DVB-S2	5/6	12.902	Conax	
	C	StarTimes TV Guide Nigeria	TV	DVB-S2	5/6	12.902		English
	C	Silverbird TV	TV	DVB-S2	5/6	12.902	Conax	English
	C	Wap TV	TV	DVB-S2	5/6	12.902	Conax	English
	C	Channels TV	TV	DVB-S2	5/6	12.902	Conax	English
	C	Nigezie Xtreme	TV	DVB-S2	5/6	12.902	Conax	English
	C	Iqraa Africa & Europe	TV	DVB-S2	5/6	12.902	Conax	"French,English"
	C	Kaftan TV	TV	DVB-S2	5/6	12.902	Conax	English
	C	Ulafl TV	TV	DVB-S2	5/6	12.902	Conax	
	C	Area Ten TV	TV	DVB-S2	5/6	12.902	Conax	
	C	Nigbati	TV	DVB-S2	5/6	12.902	Conax	English
	C	Arewa 24	TV	DVB-S2	5/6	12.902	Conax	Hausa
	C	Isi Mbido	TV	DVB-S2	5/6	12.902	Conax	
	C	Liberty TV	TV	DVB-S2	5/6	12.902	Conax	English
	C	Impact Africa TV	TV	DVB-S2	5/6	12.902	Conax	English
	C	Ibadah TV	TV	DVB-S2	5/6	12.902	Conax	English
	C	Wazobia TV	TV	DVB-S2	5/6	12.902	Conax	English
3.748	R C	StarTimes TV	package	DVB-S2	5/6	9.082	Conax	
	C	New Frontiers TV	TV	DVB-S2	5/6	9.082	Conax	English
	C	NTA Knowledge	TV	DVB-S2	5/6	9.082	Conax	English
	C	NTA Entertainment	TV	DVB-S2	5/6	9.082	Conax	English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	C	NTA News 24	TV	DVB-S2	5/6	9.082	Conax	English
	C	NTA Sports 24	TV	DVB-S2	5/6	9.082		English
	C	NTA Igbo	TV	DVB-S2	5/6	9.082	Conax	
	C	Farin Wata	TV	DVB-S2	5/6	9.082	Conax	Hausa
	C	NTA Parliament	TV	DVB-S2	5/6	9.082	Conax	English
	C	NTA Hausa	TV	DVB-S2	5/6	9.082	Conax	Hausa
	C	Sunna TV	TV	DVB-S2	5/6	9.082	Conax	
	C	NTA Yoruba	TV	DVB-S2	5/6	9.082	Conax	
	C	AIT National	TV	DVB-S2	5/6	9.082	Conax	English
	C	Human Rights TV	TV	DVB-S2	5/6	9.082	Conax	English
	C	Peoples TV	TV	DVB-S2	5/6	9.082	Conax	English
	C	Tozali TV	TV	DVB-S2	5/6	9.082	Conax	English
	C	Viewer TV	TV	DVB-S2	5/6	9.082	Conax	English
3.759	L C	Rwanda TV	TV	DVB-S2	2/3	1.667		English
	C	StarTimes TV	package	DVB-S2	5/6	7.610	Conax	
	C	TV E	TV	DVB-S2	5/6	7.610	Conax	
	C	Clouds TV	TV	DVB-S2	5/6	7.610		English
	C	TV Sibuka	TV	DVB-S2	5/6	7.610	Conax	
	C	Channel Ten	TV	DVB-S2	5/6	7.610	Conax	English
	C	TBC 1	TV	DVB-S2	5/6	7.610	Conax	
	C	E TV Africa	TV	DVB-S2	5/6	7.610	Conax	English
	C	Tumaini TV	TV	DVB-S2	5/6	7.610	Conax	Swahili
	C	TBC 2	TV	DVB-S2	5/6	7.610	Conax	
	C	Mambo TV Swahili	TV	DVB-S2	5/6	7.610	Conax	Swahili
	C	Star TV	TV	DVB-S2	5/6	7.610	Conax	Swahili
	C	Upendo TV	TV	DVB-S2	5/6	7.610	Conax	
	C	Tanzania Safari Channel	TV	DVB-S2	5/6	7.610	Conax	English
	C	Wasafi TV	TV	DVB-S2	5/6	7.610	Conax	
3.768	R C	Ugandan mux	package	DVB-S2	5/6	8.475		
	C	UBC TV	TV	DVB-S2	5/6	8.475		
	C	Sanyuka TV	TV	DVB-S2	5/6	8.475		
	C	NBS TV	TV	DVB-S2	5/6	8.475		Swahili
	C	Bukedde TV 1	TV	DVB-S2	5/6	8.475		
	C	NTV Uganda	TV	DVB-S2	5/6	8.475		English
	C	Bukedde TV 2	TV	DVB-S2	5/6	8.475		
	C	Urban TV	TV	DVB-S2	5/6	8.475		English
	C	TV West	TV	DVB-S2	5/6	8.475		
	C	Salam TV	TV	DVB-S2	5/6	8.475		English
	C	Top TV	TV	DVB-S2	5/6	8.475		English
	C	BBS TV	TV	DVB-S2	5/6	8.475		
	C	Magic 1 HD	TV	DVB-S2	5/6	8.475		English
	C	Salt TV	TV	DVB-S2	5/6	8.475		English
	C	Bunyoro TV	TV	DVB-S2	5/6	8.475		English
	C	Top Radio 89.6 FM	radio	DVB-S2	5/6	8.475		
	C	Impact FM	radio	DVB-S2	5/6	8.475		
3.777	R C	New World TV	package	DVB-S2	3/4	6.480		
	C	NW Sport 1	TV	DVB-S2	3/4	6.480		
	C	NW Info 2	TV	DVB-S2	3/4	6.480		English
	C	NW Magazine	TV	DVB-S2	3/4	6.480		French
	C	NW Info	TV	DVB-S2	3/4	6.480		French
	C	A12 TV	TV	DVB-S2	3/4	6.480		French
	C	NW Transnat	TV	DVB-S2	3/4	6.480		French
	C	NW Muzik	TV	DVB-S2	3/4	6.480		French
	C	NW Sport 2	TV	DVB-S2	3/4	6.480		French
3.826	R C	Deeper Christian Life Ministry	TV	DVB-S2	5/6	4.584		English
3.835	R C	LoveWorld Plus	TV	DVB-S2	5/6	1.650		English
3.855	R C	Télé Tchad	TV	DVB-S2	2/3	2.062		French
3.857	L C	Ouest TV	TV	DVB-S2	3/4	1.125		English
3.871	R C	TV 1	TV	DVB-S2	5/6	1.000	BISS	English
4.039	R C	TVT International	package	DVB-S2	3/4	2.222		
	C	TVT International	TV	DVB-S2	3/4	2.222		French
	C	TVT International	TV	DVB-S2	3/4	2.222		French
10.733	V Wide	Fé TV	TV	DVB-S2	5/6	2.025		Portuguese
10.747	V Wide	Zap Viva	TV	DVB-S2	9/10	4.000		Portuguese

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
10.831	V Wide	Vida TV	TV	DVB-S	3/4	5.000	BISS	Portuguese
10.836	V Wide	Palanca TV	TV	DVB-S2	3/4	3.000		Portuguese
10.840	V Wide	ORTC TV	TV	DVB-S2	3/4	2.061		French
	Wide	ORTC Radio	radio	DVB-S2	3/4	2.061		French
11.007	V Wide	Alforat News	TV	DVB-S2	3/4	4.800		Arabic
	Wide	Alforat FM	radio	DVB-S2	3/4	4.800		Arabic
11.112	H Wide	NourSat	TV	DVB-S2	2/3	1.333		Arabic
11.221	V Wide	BFBS	package	DVB-S2	5/6	30.000	Irdeto	
	Wide	BBC One	TV	DVB-S2	5/6	30.000	Irdeto	English
	Wide	CBBC	TV	DVB-S2	5/6	30.000	Irdeto	English
	Wide	BFBS Extra	TV	DVB-S2	5/6	30.000	Irdeto	English
	Wide	ITV London	TV	DVB-S2	5/6	30.000	Irdeto	English
	Wide	Sky Sports Main Event UK	TV	DVB-S2	5/6	30.000	Irdeto	English
	Wide	BT Sport 1	TV	DVB-S2	5/6	30.000	Irdeto	English
	Wide	BFBS Sport	TV	DVB-S2	5/6	30.000	Irdeto	English
	Wide	Sky News UK	TV	DVB-S2	5/6	30.000	Irdeto	English
	Wide	BBC One Delay	TV	DVB-S2	5/6	30.000	Irdeto	English
	Wide	Channel 4 London	TV	DVB-S2	5/6	30.000	Irdeto	English
	Wide	BBC Two Delay	TV	DVB-S2	5/6	30.000	Irdeto	English
	Wide	Channel 5	TV	DVB-S2	5/6	30.000	Irdeto	English
	Wide	ITV Delay	TV	DVB-S2	5/6	30.000	Irdeto	English
	Wide	BFBS Extra Delay	TV	DVB-S2	5/6	30.000	Irdeto	English
	Wide	Sky Cinema Delay	TV	DVB-S2	5/6	30.000	Irdeto	English
	Wide	NTV National	TV	DVB-S2	5/6	30.000	Irdeto	Nepali
	Wide	Forces Radio BFBS Afghanistan	radio	DVB-S2	5/6	30.000		English
	Wide	BFBS Radio 2	radio	DVB-S2	5/6	30.000	Irdeto	English
	Wide	BBC World Service English	radio	DVB-S2	5/6	30.000	Irdeto	English
	Wide	Fun Kids	radio	DVB-S2	5/6	30.000		English
	Wide	TalkSport	radio	DVB-S2	5/6	30.000	Irdeto	English
	Wide	BFBS Brize Norton	radio	DVB-S2	5/6	30.000		English
11.346	H Wide	AFP TV	TV	DVB-S	3/4	27.500	BISS	English
	Wide	Al-Majd Public Channel	TV	DVB-S	3/4	27.500		Arabic
	Wide	Libyan Business Channel	TV	DVB-S	3/4	27.500		Arabic
	Wide	Cap Radio	radio	DVB-S	3/4	27.500		French
	Wide	Türkmeneli TV	TV	DVB-S	3/4	27.500		Turkish
	Wide	Radyo Türkmeneli	radio	DVB-S	3/4	27.500		Turkish
11.482	V Wide	Libya Alrasmia Channel	TV	DVB-S2	5/6	2.857		Arabic
11.547	V Wide	M24 TV	TV	DVB-S2	3/4	1.442		Arabic
	Wide	RIM	radio	DVB-S2	3/4	1.442		
11.568	V Wide	Ennahar TV	TV	DVB-S2	2/3	2.500		Arabic
11.570	V Wide	Diwan TV	TV	DVB-S2	3/5	1.667		Arabic
11.614	H Wide	Alahad TV	TV	DVB-S2	5/6	2.222		Arabic
11.624	V Wide	Kurdistan TV	TV	DVB-S2	4/5	3.800		Kurdish
11.628	V Wide	Zagros TV	TV	DVB-S2	4/5	3.800		Kurdish
	Wide	Z Radio	radio	DVB-S2	4/5	3.800		Kurdish
11.639	V Wide	Ava Entertainment	TV	DVB-S2	2/3	3.650	BISS	Arabic
	Wide	Ava Radio	radio	DVB-S2	2/3	3.650	BISS	Arabic
11.645	H Wide	Kurdistan 24	TV	DVB-S2	8/9	4.800		Kurdish
	Wide	Kurdistan 24 Radio	radio	DVB-S2	8/9	4.800		Kurdish
11.676	H Africa	TV Zimbo	package	DVB-S	7/8	11.153		
	Africa	TV Zimbo	TV	DVB-S	7/8	11.153		Portuguese
11.681	H Wide	Alikhbaria Syria	TV	DVB-S2	3/4	2.600		Arabic
11.688	H Wide	Sama TV	TV	DVB-S2	3/4	1.851		Arabic
12.676	V Wide	Radio Maria Italia	radio	DVB-S	1/2	.256		Italian

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10.721	H Europe B	STN	package	DVB-S	3/4	30.000		
	Europe B	K CN 3	TV	DVB-S	3/4	30.000		Serbian
	Europe B	K CN 1	TV	DVB-S	3/4	30.000		Serbian
	Europe B	K CN 2	TV	DVB-S	3/4	30.000		Serbian
	Europe B	Radio 1 Krvavec	radio	DVB-S	3/4	30.000		Slovenian
	Europe B	Radio Ognjisce	radio	DVB-S	3/4	30.000		Slovenian
10.762	H Europe B	DigitAlb	package	DVB-S2	3/5	30.000	Conax/BISS	
	Europe B	RTK 1	TV	DVB-S2	3/5	30.000		Albanian
	Europe B	Top News	TV	DVB-S2	3/5	30.000		Albanian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Europe B	Bang Bang	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Explorer Shkencë	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Film Komedi	TV	DVB-S2	3/5		30.000	Conax	English
	Europe B	Stinët	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Ora News	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	News 24	TV	DVB-S2	3/5	Y	30.000	Conax	Albanian
	Europe B	X1	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	T	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	SuperSport 7	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Ora	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	MTV Live HD	TV	DVB-S2	3/5		30.000	Conax	English
	Europe B	Film Hits	TV	DVB-S2	3/5		30.000	Conax	English
	Europe B	Film Aksion	TV	DVB-S2	3/5		30.000	Conax	English
	Europe B	Top Channel	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Top Albania Radio	radio	DVB-S2	3/5		30.000		Albanian
	Europe B	Top Gold	radio	DVB-S2	3/5		30.000		Albanian
10.804	H Europe B	DigitAlb	package	DVB-S2	2/3		29.950	Conax	
	Sub-Sahara Africa	unknown	package	DVB-S2	2/3		30.000		
	Europe B	EuroNews Albania	TV	DVB-S2	2/3		29.950		Albanian
	Sub-Sahara Africa	Vision 4	TV	DVB-S2	2/3		30.000		French
	Europe B	SuperSport 5	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Sub-Sahara Africa	2S TV	TV	DVB-S2	2/3		30.000		French
	Europe B	SuperSport 6	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Sub-Sahara Africa	CRTV	TV	DVB-S2	2/3		30.000		French
	Europe B	Junior TV	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Sub-Sahara Africa	Hadi TV 5	TV	DVB-S2	2/3		30.000		
	Europe B	Çufo	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Sub-Sahara Africa	Sen TV	TV	DVB-S2	2/3		30.000		French
	Europe B	My Music	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Sub-Sahara Africa	CRTV News	TV	DVB-S2	2/3		30.000		French
	Europe B	Explorer Natyra	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Europe B	Explorer Histori	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Sub-Sahara Africa	Label TV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	Christ Live	TV	DVB-S2	2/3		30.000		French
	Europe B	Eurofilm	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Sub-Sahara Africa	RTB TV	TV	DVB-S2	2/3		30.000		French
	Europe B	Film Autor	TV	DVB-S2	2/3		29.950	Conax	English
	Sub-Sahara Africa	Vision 4 RCA	TV	DVB-S2	2/3		30.000		French
	Europe B	Film Thriller	TV	DVB-S2	2/3		29.950	Conax	English
	Sub-Sahara Africa	CRTV Sports and Entertainment	TV	DVB-S2	2/3		30.000		French
	Europe B	Film Dramë	TV	DVB-S2	2/3		29.950	Conax	English
	Sub-Sahara Africa	LM TV Français	TV	DVB-S2	2/3		30.000		French
	Europe B	ABC News	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Sub-Sahara Africa	Arewa 24	TV	DVB-S2	2/3		30.000		Hausa
	Europe B	Melody TV	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Sub-Sahara Africa	Burkina Info TV	TV	DVB-S2	2/3		30.000		French
	Europe B	A2	TV	DVB-S2	2/3		29.950	Conax	Albanian
	Sub-Sahara Africa	ORTB TV	TV	DVB-S2	2/3		30.000		French
	Europe B	My Music Radio	radio	DVB-S2	2/3		29.950		Albanian
	Sub-Sahara Africa	Golfe TV Africa	TV	DVB-S2	2/3		30.000		French
	Europe B	NRG Radio Albania	radio	DVB-S2	2/3		29.950		Albanian
	Sub-Sahara Africa	France 24 Français	TV	DVB-S2	2/3		30.000		French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Sub-Sahara Africa	Asonga TV	TV	DVB-S2	2/3	30.000		Spanish
	Sub-Sahara Africa	Equinoxe TV	TV	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	Canal 2 International	TV	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	ImpacTV	TV	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	Boom TV	TV	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	STV	TV	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	Amen TV Sat	TV	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	Power TV	TV	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	Canal 2 Movies	TV	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	Africa TV 3	TV	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	Africa Sports TV	TV	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	Voxafrica Afrique	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Eden TV	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	TVC Africa	TV	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	CRTV National Radio	radio	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	Golfe FM	radio	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	RTB Radio	radio	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	Alpha Blondy FM	radio	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	Radio Biafra	radio	DVB-S2	2/3	30.000		English
	Sub-Sahara Africa	Radio Immaculée Conception	radio	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	RFI Afrique	radio	DVB-S2	2/3	30.000		French
	Sub-Sahara Africa	Diaspora FM	radio	DVB-S2	2/3	30.000		
10.845	H Europe B	DigitAlb	package	DVB-S2	3/5	30.000	Conax	
	South East Africa	Canal Réunion	package	DVB-S2	8/9	30.000	Mediaguard	
	Europe B	Film Një HD	TV	DVB-S2	3/5	30.000	Conax	Albanian
	South East Africa	Canal + Sport Réunion	TV	DVB-S2	8/9	30.000	Mediaguard	French
	Europe B	Film Dy HD	TV	DVB-S2	3/5	30.000	Conax	Albanian
	South East Africa	OCS max	TV	DVB-S2	8/9	30.000	Mediaguard	French
	Europe B	Family HD	TV	DVB-S2	3/5	30.000	Conax	Albanian
	South East Africa	Canal + Séries Réunion	TV	DVB-S2	8/9	30.000	Mediaguard	French
	Europe B	SuperSport 1	TV	DVB-S2	3/5	30.000	Conax	Albanian
	South East Africa	Canal + Réunion	TV	DVB-S2	8/9	30.000	Mediaguard	French
	Europe B	SuperSport 2	TV	DVB-S2	3/5	30.000	Conax	Albanian
	South East Africa	A+	TV	DVB-S2	8/9	30.000	Mediaguard	French
	Europe B	SuperSport 3	TV	DVB-S2	3/5	30.000	Conax	Albanian
	South East Africa	M6	TV	DVB-S2	8/9	30.000	Mediaguard	French
	Europe B	SuperSport 4	TV	DVB-S2	3/5	30.000	Conax	Albanian
	South East Africa	Paramount Channel France	TV	DVB-S2	8/9	30.000	Mediaguard	French
	Europe B	Travel Channel Europe	TV	DVB-S2	3/5	30.000	Conax	English
	South East Africa	Gulli	TV	DVB-S2	8/9	30.000	Mediaguard	French
	Europe B	Rrokum TV	TV	DVB-S2	3/5	30.000	Conax	Albanian
	South East Africa	Zing UK	TV	DVB-S2	8/9	30.000	Mediaguard	Hindi
	Europe B	Scan	TV	DVB-S2	3/5	30.000	Conax	Albanian

Freq	Beam		Analog	Diff	Fec		Symb of Rate	Acces	Lang
	South East Africa	Star Gold	TV	DVB-S2	8/9		30.000	Mediaguard	Hindi
	Europe B	DigitAlb promo	TV	DVB-S2	3/5		30.000		Albanian
	South East Africa	Top FM	radio	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	In TV	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	UTV News	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Travel Channel Europe	TV	DVB-S2	3/5		30.000	Irdeto	"English,Czech"
	Europe B	Travel Channel Europe	TV	DVB-S2	3/5		30.000	Conax	"English,Czech"
	Europe B	Star Plus	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Fox Movies Srbija	TV	DVB-S2	3/5		30.000	Conax	English
10.887	H Europe B	DigitAlb	package	DVB-S2	3/5		30.000	Conax/Irdeto	
	South East Africa	Canal Réunion	package	DVB-S2	8/9		30.000	Mediaguard	
	Europe B	National Geographic Channel HD Europe	TV	DVB-S2	3/5		30.000	Conax	English
	South East Africa	Canal + Cinéma Réunion	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Discovery Showcase HD	TV	DVB-S2	3/5		30.000	Conax	"English,Czech"
	South East Africa	Canal + Family Réunion	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	STV Folk	TV	DVB-S2	3/5		30.000	Conax	Albanian
	South East Africa	Zee Cinema Africa	TV	DVB-S2	8/9		30.000	Mediaguard	Hindi
	Europe B	Animal Planet Europe	TV	DVB-S2	3/5		30.000	Conax	"English,Czech"
	South East Africa	Cine + Premier	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Discovery Science	TV	DVB-S2	3/5		30.000	Conax	"English,Czech"
	South East Africa	National Geographic France	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Dorcel XXX	TV	DVB-S2	3/5		30.000	Conax	French
	South East Africa	Disney Cinema	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Stars XXX TV	TV	DVB-S2	3/5		30.000	Conax	"English,French"
	South East Africa	Golf +	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	24 Kitchen Srbija	TV	DVB-S2	3/5		30.000	Conax	English
	South East Africa	Dorcel TV	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Fox Srbija	TV	DVB-S2	3/5		30.000	Conax	Serbian
	South East Africa	Eurosport 1 France	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	DTX East Europe	TV	DVB-S2	3/5		30.000	Conax	English
	South East Africa	BeIn Sports 3	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Comedy Central Extra Central Europe	TV	DVB-S2	3/5		30.000	Conax	English
	South East Africa	Ushuaia TV	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Fox Life Regional	TV	DVB-S2	3/5		30.000	Conax	English
	South East Africa	Nat Geo Wild France	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Nickelodeon HD	TV	DVB-S2	3/5		30.000	Conax	English
	South East Africa	Canal + Sport 3	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Klan Macedonia	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Super Sonic TV	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Report TV	TV	DVB-S2	3/5		30.000	Conax	Albanian
	Europe B	Discovery Channel Bulgaria	TV	DVB-S2	3/5		30.000	Conax	Bulgarian
	Europe B	Playboy TV Europe	TV	DVB-S2	3/5		30.000	Conax	"English,French"
	Europe B	Animal Planet Europe	TV	DVB-S2	3/5		30.000	Irdeto	"English,Czech"
	Europe B	Discovery Science	TV	DVB-S2	3/5		30.000	Irdeto	"English,Czech"
	Europe B	Discovery Showcase HD	TV	DVB-S2	3/5		30.000	Irdeto	"English,Czech"
10.928	H Europe B	Antik Sat	package	DVB-S2	3/5		30.000	Conax/Irdeto/Videoguard	
	South East Africa	Parabole Réunion	package	DVB-S2	8/9		30.000	Mediaguard/Nagravision/Viaccess	
	South East Africa	Discovery Channel France	TV	DVB-S2	8/9		30.000	Viaccess	French
	South East Africa	MBS	TV	DVB-S2	8/9		30.000	Viaccess	French
	South East Africa	Téva	TV	DVB-S2	8/9		30.000	Viaccess	French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	South East Africa	W9	TV	DVB-S2	8/9	30.000	Viaccess	French
	South East Africa	BeIn Sports 1	TV	DVB-S2	8/9	30.000	Viaccess	French
	South East Africa	TMC	TV	DVB-S2	8/9	30.000	Viaccess	French
	South East Africa	Cine + Classic	TV	DVB-S2	8/9	30.000	Viaccess	French
	South East Africa	Sony Max South Africa	TV	DVB-S2	8/9	30.000	Viaccess	English
	Europe B	Epic Drama	TV	DVB-S2	3/5	30.000	Conax/Irdeto/Videoguard	"Lithuanian,Bulgarian,Turkish,Czech,Hungarian,Russian"
	South East Africa	TF 1	TV	DVB-S2	8/9	30.000	Viaccess	French
	Europe B	Evil Angel TV	TV	DVB-S2	3/5	30.000	Conax	English
	South East Africa	KTO	TV	DVB-S2	8/9	30.000	Viaccess	French
	Europe B	Viasat Nature East	TV	DVB-S2	3/5	30.000	Conax/Irdeto/Videoguard	"Russian,Czech,Hungarian"
	South East Africa	Dream'In	TV	DVB-S2	8/9	30.000	Viaccess	French
	Europe B	Viasat Explore East	TV	DVB-S2	3/5	30.000	Conax/Irdeto/Videoguard	"Russian,Turkish,Czech,Hungarian,Bulgarian"
	South East Africa	RTL 9	TV	DVB-S2	8/9	30.000	Mediaguard/Nagravision/Viaccess	French
	Europe B	Viasat History HD	TV	DVB-S2	3/5	30.000	Conax/Irdeto/Videoguard	"Swedish,Norwegian,Danish,Czech,Russian,Turkish,Hungarian"
	South East Africa	BeIn Sports 2	TV	DVB-S2	8/9	30.000	Viaccess	French
	South East Africa	Télé Kréol	TV	DVB-S2	8/9	30.000	Viaccess	
	South East Africa	Cine + Famiz	TV	DVB-S2	8/9	30.000	Mediaguard/Nagravision/Viaccess	French
	South East Africa	Discovery Science France	TV	DVB-S2	8/9	30.000	Viaccess	French
	South East Africa	Cine + Émotion	TV	DVB-S2	8/9	30.000	Mediaguard/Nagravision/Viaccess	French
	South East Africa	LCP Assemblée Nationale	TV	DVB-S2	8/9	30.000	Viaccess	French
	South East Africa	Public Sénat	TV	DVB-S2	8/9	30.000	Viaccess	French
	South East Africa	BFM TV	TV	DVB-S2	8/9	30.000	Viaccess	French
	South East Africa	TV Breizh	TV	DVB-S2	8/9	30.000	Viaccess	French
	South East Africa	Chérie FM	radio	DVB-S2	8/9	30.000	Viaccess	French
	South East Africa	Trace FM Réunion	radio	DVB-S2	8/9	30.000	Viaccess	
	South East Africa	Exo FM	radio	DVB-S2	8/9	30.000	Viaccess	French
	South East Africa	NRJ Réunion	radio	DVB-S2	8/9	30.000	Viaccess	French
	South East Africa	Radio One	radio	DVB-S2	8/9	30.000	Viaccess	French
	South East Africa	Koi FM	radio	DVB-S2	8/9	30.000	Viaccess	French
	South East Africa	Festival Radio	radio	DVB-S2	8/9	30.000	Viaccess	French
	South East Africa	Kréol FM	radio	DVB-S2	8/9	30.000	Viaccess	French
	South East Africa	RER	radio	DVB-S2	8/9	30.000	Viaccess	French
	South East Africa	Dream'On	radio	DVB-S2	8/9	30.000	Viaccess	French
10.972	V Europe B	Total TV	package	DVB-S2	3/5	27.500	Nagravision/Videoguard	
	Europe B	BK TV	TV	DVB-S2	3/5	27.500	Videoguard	Serbian
	Europe B	TV Palma Plus	TV	DVB-S2	3/5	27.500	Videoguard	Serbian
	Europe B	Arena Sport 1 Hrvatska	TV	DVB-S2	3/5	27.500	Videoguard	Croatian
	Europe B	Alfa TV	TV	DVB-S2	3/5	27.500	Videoguard	Bosnian
	Europe B	Arena Sport 4	TV	DVB-S2	3/5	27.500	Videoguard	Serbian
	Europe B	TV 24	TV	DVB-S2	3/5	27.500	Videoguard	Macedonian
	Europe B	Telma	TV	DVB-S2	3/5	27.500	Videoguard	Macedonian
	Europe B	MRT Sobraniski kanal	TV	DVB-S2	3/5	27.500	Videoguard	"Macedonian,Albanian"
	Europe B	Alfa TV	TV	DVB-S2	3/5	27.500	Videoguard	Macedonian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	Comedy Central Hungary	TV	DVB-S2	3/5	27.500	Nagravision/Videoguard	English
	Europe B	Travel Channel Europe	TV	DVB-S2	3/5	27.500	Videoguard	English
	Europe B	CineStar TV Premiere 1	TV	DVB-S2	3/5	27.500	Nagravision/Videoguard	"Serbian,Croatian"
	Europe B	Sport Klub Esports	TV	DVB-S2	3/5	27.500	Videoguard	Serbian
	Europe B	Crime + Investigation UK	TV	DVB-S2	3/5	27.500	Nagravision/Videoguard	English
	Europe B	Radio Studio B	radio	DVB-S2	3/5	27.500		Serbian
	Europe B	Hit FM Radio	radio	DVB-S2	3/5	27.500		Serbian
11.011	V Europe B	Total TV	package	DVB-S2	3/5	27.500	Videoguard	
	Europe B	Sport Klub 1 Srbija	TV	DVB-S2	3/5	Y 27.500	Videoguard	Serbian
	Europe B	Sport Klub 2 Srbija	TV	DVB-S2	3/5	Y 27.500	Videoguard	"Serbian,Croatian,Slovenian"
	Europe B	Sport Klub 1 Crna Gora	TV	DVB-S2	3/5	Y 27.500	Videoguard	Serbian
	Europe B	HBO Adria	TV	DVB-S2	3/5	27.500	Videoguard	"Serbian,Croatian,Slovenian,English,Macedonian"
	Europe B	HBO 2 Central Europe	TV	DVB-S2	3/5	27.500	Videoguard	"Serbian,Croatian,Slovenian,English,Macedonian"
	Europe B	Discovery Showcase HD	TV	DVB-S2	3/5	27.500	Videoguard	English
	Europe B	Fox Movies Srbija	TV	DVB-S2	3/5	27.500	Videoguard	Serbian
	Europe B	Animal Planet Europe	TV	DVB-S2	3/5	27.500	Videoguard	English
	Europe B	TV Vijesti	TV	DVB-S2	3/5	27.500	Videoguard	Serbian
11.016	H Sub-Sahara Africa	E-Télé	TV	DVB-S2	4/5	2.083		French
	Sub-Sahara Africa	E-Télé Benin	TV	DVB-S2	4/5	2.083		French
11.024	H Sub-Sahara Africa	TV Malagasy	TV	DVB-S	5/6	3.333		
	Sub-Sahara Africa	Radio Madagasikara	radio	DVB-S	5/6	3.333		
11.055	V Europe B	Antik Sat	package	DVB-S2	4/5	27.500	Conax/Irdeto/Videoguard	
	Europe B	TV Barrandov	TV	DVB-S2	4/5	27.500	Conax/Irdeto	Czech
	Europe B	CT 1 Cechy	TV	DVB-S2	4/5	Y 27.500	Conax/Irdeto	Czech
	Europe B	CT 24	TV	DVB-S2	4/5	27.500		Czech
	Europe B	Prima Krimi	TV	DVB-S2	4/5	Y 27.500	Conax/Irdeto	Czech
	Europe B	CT 2	TV	DVB-S2	4/5	Y 27.500	Conax/Irdeto	Czech
	Europe B	CT :D	TV	DVB-S2	4/5	27.500	Conax/Irdeto	Czech
	Europe B	CT art	TV	DVB-S2	4/5	27.500	Conax/Irdeto	Czech
	Europe B	CT Sport	TV	DVB-S2	4/5	27.500	Conax/Irdeto	Czech
	Europe B	Prima Cool	TV	DVB-S2	4/5	27.500	Conax/Irdeto	Czech
	Europe B	Prima Love	TV	DVB-S2	4/5	27.500	Conax/Irdeto	Czech
	Europe B	Prima Max	TV	DVB-S2	4/5	27.500	Conax/Irdeto	Czech
	Europe B	Prima Zoom	TV	DVB-S2	4/5	27.500	Conax/Irdeto	Czech
11.069	H Europe A	unknown	package	DVB-S	2/3	.355		
	Europe A	unknown	package	DVB-S2	3/5	.375		
	Europe A	Radio 538	radio	DVB-S	2/3	.355		Dutch
	Europe A	Sky Radio	radio	DVB-S2	3/5	.375		Dutch
	Europe A	Radio 10	radio	DVB-S	2/3	.355		Dutch
	Europe A	Radio Veronica	radio	DVB-S2	3/5	.375		Dutch
11.070	H Europe A	Slam!	radio	DVB-S	1/2	.274		Dutch
	Europe A	100% NL	radio	DVB-S	1/2	.274		Dutch
	Europe A	BNR Nieuwsradio	radio	DVB-S	3/4	.176		Dutch
11.094	V Europe B	Antik Sat	package	DVB-S2	4/5	27.500	Conax/Irdeto	
	Europe B	Eurosport 2	TV	DVB-S2	4/5	27.500	Conax/Irdeto	"Czech,English"
	Europe B	Prima Plus	TV	DVB-S2	4/5	27.500	Conax	Czech
	Europe B	Nova International	TV	DVB-S2	4/5	27.500	Conax	Czech
	Europe B	CS Film	TV	DVB-S2	4/5	27.500	Conax/Irdeto	Czech
	Europe B	CS Horror	TV	DVB-S2	4/5	27.500	Conax/Irdeto	Czech
	Europe B	The Fishing & Hunting Channel	TV	DVB-S2	4/5	27.500	Conax	"Czech,Hungarian,Romanian,Bulgarian"
	Europe B	Mnam TV	TV	DVB-S2	4/5	27.500	Conax	Czech
	Europe B	Film Europe	TV	DVB-S2	4/5	27.500	Conax/Irdeto	
	Europe B	CS Mystery	TV	DVB-S2	4/5	27.500	Conax	Czech
	Europe B	Arena Sport 2	TV	DVB-S2	4/5	27.500	Conax	Slovak
	Europe B	Extasy TV	TV	DVB-S2	4/5	27.500	Conax	Czech
	Europe B	Leo TV	TV	DVB-S2	4/5	27.500	Conax	Czech
	Europe B	Disney Channel Hungary & Czechia	TV	DVB-S2	4/5	27.500	Conax/Irdeto	"Czech,English,Hungarian"
	Europe B	Film + Czechia	TV	DVB-S2	4/5	27.500	Conax/Irdeto	Czech

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	HBO 2 Central Europe	TV	DVB-S2	4/5	27.500	Conax	"Czech,Hungarian"
	Europe B	HBO 3 Central Europe	TV	DVB-S2	4/5	27.500	Conax	"Czech,Hungarian"
	Europe B	HBO Czechia	TV	DVB-S2	4/5	27.500	Conax	Czech
	Europe B	Joj Cinema	TV	DVB-S2	4/5	27.500	Conax/Irdeto	Czech
	Europe B	National Geographic Hungary & Czechia	TV	DVB-S2	4/5	27.500	Conax/Irdeto	"Czech,English,Hungarian"
	Europe B	Nickelodeon Europe	TV	DVB-S2	4/5	27.500	Conax/Irdeto	"Czech,English,Hungarian"
	Europe B	TV Noe	TV	DVB-S2	4/5	27.500	Conax/Irdeto	Czech
	Europe B	Jojko	TV	DVB-S2	4/5	27.500	Conax/Irdeto	Slovak
	Europe B	Spektrum International	TV	DVB-S2	4/5	27.500	Conax/Irdeto	"Czech,Hungarian"
	Europe B	Spektrum Home Czech	TV	DVB-S2	4/5	27.500	Conax/Irdeto	Czech
	Europe B	Sport 2 Czechia	TV	DVB-S2	4/5	27.500	Conax/Irdeto	"Czech,Slovak"
	Europe B	TV Paprika Czech Republic	TV	DVB-S2	4/5	27.500	Conax/Irdeto	Czech
	Europe B	JimJam Europe	TV	DVB-S2	4/5	27.500	Conax/Irdeto/Videoguard	"Czech,English,Hungarian"
	Europe B	Nova Sport 1	TV	DVB-S2	4/5	27.500	Conax/Irdeto	Czech
	Europe B	Nova Sport 2	TV	DVB-S2	4/5	27.500	Conax/Irdeto	Czech
	Europe B	AXN Czech Republic	TV	DVB-S2	4/5	27.500	Conax/Irdeto	"Czech,English"
11.131	V	Europe B	Intact Media Group	package	DVB-S2	2/3	16.593	Conax
	Europe B	Antena 1	TV	DVB-S2	2/3	Y 16.593	Conax	Romanian
	Europe B	Antena Stars	TV	DVB-S2	2/3	Y 16.593	Conax	Romanian
	Europe B	Antena 3	TV	DVB-S2	2/3	Y 16.593	Conax	Romanian
	Europe B	Happy Channel	TV	DVB-S2	2/3	Y 16.593	Conax	Romanian
	Europe B	Zu TV	TV	DVB-S2	2/3	Y 16.593	Conax	Romanian
	Europe B	Antena International	TV	DVB-S2	2/3	16.593	Conax	Romanian
	Europe B	Antena 1	TV	DVB-S2	2/3	16.593	Conax	Romanian
	Europe B	Radio Zu	radio	DVB-S2	2/3	16.593		Romanian
	Europe B	Romantic FM	radio	DVB-S2	2/3	16.593		Romanian
11.151	V	Europe A	Pink	package	DVB-S2	3/5	14.375	Irdeto/Videoguard
	Europe A	Pink Thriller	TV	DVB-S2	3/5	14.375	Irdeto/Videoguard	Serbian
	Europe A	Pink Crime & Mystery	TV	DVB-S2	3/5	14.375	Irdeto/Videoguard	Serbian
	Europe A	Pink Romance	TV	DVB-S2	3/5	14.375	Irdeto/Videoguard	Serbian
	Europe A	Pink Sci-Fi & Fantasy	TV	DVB-S2	3/5	14.375	Irdeto/Videoguard	Serbian
	Europe A	Pink Reality	TV	DVB-S2	3/5	14.375	Irdeto/Videoguard	Serbian
	Europe A	Pink Premium	TV	DVB-S2	3/5	14.375	Irdeto/Videoguard	Serbian
	Europe A	Pink Soap	TV	DVB-S2	3/5	14.375	Irdeto/Videoguard	Serbian
	Europe A	Pink World	TV	DVB-S2	3/5	14.375	Irdeto/Videoguard	Serbian
	Europe A	Pink Zabava	TV	DVB-S2	3/5	14.375	Irdeto/Videoguard	Serbian
	Europe A	Pink Pedia	TV	DVB-S2	3/5	14.375	Irdeto/Videoguard	Serbian
	Europe A	Pink Hits 2	TV	DVB-S2	3/5	14.375	Irdeto/Videoguard	Serbian
	Europe A	Pink Koncert	TV	DVB-S2	3/5	14.375	Irdeto/Videoguard	Serbian
	Europe A	Pink Folk 1	TV	DVB-S2	3/5	14.375		Serbian
	Europe A	Pink Comedy	TV	DVB-S2	3/5	14.375	Irdeto/Videoguard	Serbian
	Europe A	Pink Horror	TV	DVB-S2	3/5	14.375	Irdeto/Videoguard	Serbian
	Europe A	Pink Folk 2	TV	DVB-S2	3/5	14.375	Irdeto/Videoguard	Serbian
11.158	H	Europe A	Tring Digital	package	DVB-S2	3/5	45.000	Conax
	Europe A	Vizion Plus	TV	DVB-S2	3/5	45.000	Conax	Albanian
	Europe A	Klan Kosova	TV	DVB-S2	3/5	45.000		Albanian
	Europe A	TV Klan	TV	DVB-S2	3/5	45.000	Conax	Albanian
	Europe A	Klan Plus	TV	DVB-S2	3/5	45.000	Conax	Albanian
	Europe A	RTK 1	TV	DVB-S2	3/5	45.000	Conax	Albanian
	Europe A	RTV 21 Sat	TV	DVB-S2	3/5	45.000	Conax	Albanian
	Europe A	Klan Macedonia	TV	DVB-S2	3/5	45.000	Conax	Albanian
	Europe A	Fax News	TV	DVB-S2	3/5	45.000	Conax	Albanian
	Europe A	ABC News	TV	DVB-S2	3/5	45.000		Albanian
	Europe A	Report TV	TV	DVB-S2	3/5	45.000		Albanian
	Europe A	News 24	TV	DVB-S2	3/5	45.000	Conax	Albanian
	Europe A	Kanali 7	TV	DVB-S2	3/5	45.000		Albanian
	Europe A	Syri TV	TV	DVB-S2	3/5	45.000	Conax	Albanian
	Europe A	Tring Tring	TV	DVB-S2	3/5	45.000	Conax	Albanian
	Europe A	Tring Kids	TV	DVB-S2	3/5	45.000	Conax	Albanian
	Europe A	Tip TV	TV	DVB-S2	3/5	45.000	Conax	Albanian
	Europe A	Living HD	TV	DVB-S2	3/5	45.000		Albanian
	Europe A	Tring Jolly	TV	DVB-S2	3/5	45.000	Conax	Albanian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Europe A	3 Plus	TV	DVB-S2	3/5		45.000	Conax	Albanian
	Europe A	Kanal D Drama	TV	DVB-S2	3/5		45.000	Conax	Albanian
	Europe A	Smile	TV	DVB-S2	3/5		45.000	Conax	Albanian
	Europe A	Tring Shqip	TV	DVB-S2	3/5		45.000	Conax	Albanian
	Europe A	Tring Super	TV	DVB-S2	3/5		45.000	Conax	Albanian
	Europe A	Tring Action	TV	DVB-S2	3/5		45.000	Conax	Albanian
	Europe A	Tring Life	TV	DVB-S2	3/5		45.000	Conax	Albanian
	Europe A	Tring Summertime	TV	DVB-S2	3/5		45.000	Conax	Albanian
	Europe A	Tring Fantasy	TV	DVB-S2	3/5		45.000	Conax	Albanian
	Europe A	Tring History	TV	DVB-S2	3/5		45.000	Conax	Albanian
	Europe A	Tring Planet	TV	DVB-S2	3/5		45.000	Conax	English
	Europe A	Tring World	TV	DVB-S2	3/5		45.000	Conax	Albanian
	Europe A	Tring Sport News	TV	DVB-S2	3/5		45.000	Conax	Albanian
	Europe A	Tring Sport 1	TV	DVB-S2	3/5		45.000	Conax	Albanian
	Europe A	Tring Sport 2	TV	DVB-S2	3/5		45.000	Conax	Albanian
	Europe A	Elrodi TV	TV	DVB-S2	3/5		45.000	Conax	Albanian
	Europe A	Folk +	TV	DVB-S2	3/5		45.000	Conax	Albanian
	Europe A	BBF Music TV	TV	DVB-S2	3/5		45.000	Conax	Albanian
	Europe A	Desire	TV	DVB-S2	3/5		45.000	Conax	Albanian
11.178	V Europe B	Total TV	package	DVB-S2	3/5		30.000	Irdeto/Videoguard	
	Europe B	Pink Plus	TV	DVB-S2	3/5	Y	30.000	Irdeto/Videoguard	Serbian
	Europe B	Pink Extra	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Pink Srbija	TV	DVB-S2	3/5	Y	30.000	Irdeto/Videoguard	Serbian
	Europe B	Pink Action	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Pink Movies	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Pink Film	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Pink Music	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Pink 3 Info	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Pink Family	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Zadruga 1	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Pink Kids	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Pink Music 2	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Zadruga 2	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	CityPlay	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Pink Western	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Zadruga 3	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Pink Classic	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Pink Style	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Pink Serije	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Pink World Cinema	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Zadruga 4	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Pink Show	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Pink Kuvar	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Pink Super Kids	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Ha Ha	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Lol	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Pink Media BH	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Pink Media M	TV	DVB-S2	3/5		30.000	Irdeto/Videoguard	Serbian
	Europe B	Pink Radio	radio	DVB-S2	3/5		30.000		Serbian
	Europe B	Welcome To Fun Radio	radio	DVB-S2	3/5		30.000		Serbian
11.221	H Europe A	Total TV	package	DVB-S2	3/5		30.000	Videoguard	
	Europe A	Planet TV	TV	DVB-S2	3/5		30.000	Videoguard	Slovenian
	Europe A	Golica TV	TV	DVB-S2	3/5		30.000	Videoguard	Slovenian
	Europe A	Brainz TV	TV	DVB-S2	3/5		30.000	Videoguard	Serbian
	Europe A	Nova BH	TV	DVB-S2	3/5		30.000	Videoguard	Serbian
	Europe A	Oto	TV	DVB-S2	3/5	Y	30.000	Videoguard	Slovenian
	Europe A	Nova Sport	TV	DVB-S2	3/5		30.000	Videoguard	"Serbian,Bosnian"
	Europe A	Sport Klub HD	TV	DVB-S2	3/5		30.000	Videoguard	"Serbian,Croatian,Slovenian"
	Europe A	Sport Klub 3	TV	DVB-S2	3/5		30.000	Videoguard	"Slovenian,Serbian,Croatian"
	Europe A	N1 Srbija	TV	DVB-S2	3/5		30.000	Videoguard	Serbian
	Europe A	Fox Srbija	TV	DVB-S2	3/5		30.000	Videoguard	Serbian
	Europe A	Fox Life Srbija	TV	DVB-S2	3/5		30.000	Videoguard	Serbian
	Europe A	Scifi Srbija	TV	DVB-S2	3/5		30.000	Videoguard	English

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang	
11.231	V Europe A	Kanal 77	radio	DVB-S2	3/5		30.000		Macedonian	
	V Europe A	Total TV	package	DVB-S2	4/5		42.000	Conax/Nagravision/Videoguard		
	Europe A	O Kanal	TV	DVB-S2	4/5	Y	42.000	Videoguard	Bosnian	
	Europe A	Nickelodeon Europe	TV	DVB-S2	4/5		42.000	Videoguard	"Serbian,Hungarian,English,Slovenian"	
	Europe A	Sport Klub 3	TV	DVB-S2	4/5		42.000	Videoguard	Slovenian	
	Europe A	Viasat Explore East	TV	DVB-S2	4/5		42.000	Videoguard	"English,Hungarian"	
	Europe A	Animal Planet Europe	TV	DVB-S2	4/5		42.000	Videoguard	English	
	Europe A	CineStar TV 2	TV	DVB-S2	4/5		42.000	Videoguard	Serbian,Croatian	
	Europe A	Investigation Discovery Xtra	TV	DVB-S2	4/5		42.000	Videoguard	English	
	Europe A	E! Europe	TV	DVB-S2	4/5		42.000	Videoguard	English	
	Europe A	TLC Balkan	TV	DVB-S2	4/5		42.000	Videoguard	English	
	Europe A	National Geographic Channel HD Europe	TV	DVB-S2	4/5		42.000	Videoguard	English	
	Europe A	Fox Movies Slovenija	TV	DVB-S2	4/5		42.000	Videoguard	Slovenian	
	Europe A	CineStar TV Action Srbija	TV	DVB-S2	4/5		42.000	Videoguard	Serbian	
	Europe A	HGTV Pan Regional	TV	DVB-S2	4/5		42.000	Videoguard	English	
	Europe A	AXN Adria	TV	DVB-S2	4/5		42.000	Videoguard	English	
	Europe A	Brazzers TV Europe	TV	DVB-S2	4/5		42.000	Nagravision/Videoguard	English	
	Europe A	Arena Sport 3	TV	DVB-S2	4/5		42.000	Videoguard	Serbian	
	Europe A	Disney Channel Polska	TV	DVB-S2	4/5		42.000	Videoguard	English	
	Europe A	Sport TV 1	TV	DVB-S2	4/5		42.000	Videoguard	Slovenian	
	Europe A	Prva Kick	TV	DVB-S2	4/5		42.000	Videoguard	Serbian	
	Europe A	Pink Reality	TV	DVB-S2	4/5		42.000	Videoguard	Serbian	
	Europe A	Pikaboo	TV	DVB-S2	4/5		42.000	Videoguard	"Croatian,Slovenian"	
Europe A	Happy	TV	DVB-S2	4/5	Y	42.000	Videoguard	Serbian		
Europe A	Play	radio	DVB-S2	4/5		42.000		Serbian		
11.262	H Europe B	BN TV Satelitski	TV	DVB-S2	2/3		30.000	Viaccess/Videoguard	Serbian	
	Europe B	BN Music	TV	DVB-S2	2/3		30.000		Serbian	
	Europe B	BN TV Zemaljski	TV	DVB-S2	2/3	Y	30.000	Viaccess/Videoguard	Serbian	
	Europe B	RTRS Plus	TV	DVB-S2	2/3		30.000		Serbian	
	Europe B	Aljazeera Balkans	TV	DVB-S2	2/3		30.000		Bosnian	
	Europe B	Radio Stari Grad	radio	DVB-S2	2/3		30.000		Bosnian	
	Europe B	Kalman Radio	radio	DVB-S2	2/3		30.000		Bosnian	
	Europe B	VIP Radio	radio	DVB-S2	2/3		30.000		Serbian	
	Europe B	Radio Bir	radio	DVB-S2	2/3		30.000		Bosnian	
	Europe B	Yu Planet TV	TV	DVB-S2	2/3		30.000		Serbian	
	Europe B	Radio BN	radio	DVB-S2	2/3		30.000		Serbian	
	Europe B	OBN	TV	DVB-S2	2/3	Y	30.000		Bosnian	
	Europe B	Radio Mix	radio	DVB-S2	2/3		30.000		Bosnian	
	Europe B	Radio Fles	radio	DVB-S2	2/3		30.000		Serbian	
	Europe B	Pro TV International	TV	DVB-S2	2/3		30.000		Romanian	
	Europe B	Radio Curak	radio	DVB-S2	2/3		30.000		Croatian	
	Europe B	Fashion TV HD Europe	TV	DVB-S2	2/3		30.000			
	Europe B	Radio Republike Srpske	radio	DVB-S2	2/3		30.000		Serbian	
	Europe B	TV Duga +	TV	DVB-S2	2/3		30.000		Serbian	
	Europe B	Radio Mir Medjugorje	radio	DVB-S2	2/3		30.000		Croatian	
	Europe B	Radio Posavina	radio	DVB-S2	2/3		30.000		Croatian	
	Europe B	K3	TV	DVB-S2	2/3		30.000		Serbian	
	Europe B	Bobar Radio	radio	DVB-S2	2/3		30.000		Serbian	
	Europe B	Nezavisni Radio Studio 99	radio	DVB-S2	2/3		30.000		Bosnian	
	Europe B	Radio Marija Srbija	radio	DVB-S2	2/3		30.000		Croatian	
	Europe B	Mária Rádió Szerbia	radio	DVB-S2	2/3		30.000		Hungarian	
	Europe B	Radio Maria Romania	radio	DVB-S2	2/3		30.000		Romanian	
	Europe B	Mária Rádió Erdély	radio	DVB-S2	2/3		30.000		Hungarian	
	Europe B	Radio Maria Albania	radio	DVB-S2	2/3		30.000		Albanian	
	Europe B	Radio Marija Bosna i Hercegovina	radio	DVB-S2	2/3		30.000		Croatian	
	11.283	V Europe B	A1 Telekom Austria	package	DVB-S2	2/3		30.000	Conax/Irdeto/Videoguard	
		Europe B	FilmBox Premium Adria	TV	DVB-S2	2/3		30.000	Conax/Videoguard	English
		Europe B	Timeless Drama Channel	TV	DVB-S2	2/3		30.000	Conax	"Turkish,Arabic"
Europe B		Gametoon	TV	DVB-S2	2/3		30.000	Conax	English	
Europe B		FightBox HD	TV	DVB-S2	2/3		30.000	Conax	English	
Europe B		FilmBox Arthouse Africa & Turkey & Middle East	TV	DVB-S2	2/3		30.000	Conax	English	
Europe B		FilmBox Arthouse Worldwide	TV	DVB-S2	2/3		30.000	Conax/Videoguard	"English,Russian"	

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Europe B	FilmBox Plus Adria	TV	DVB-S2	2/3		30.000	Conax/Videoguard	English
	Europe B	FilmBox Extra HD Adria	TV	DVB-S2	2/3		30.000	Conax/Videoguard	English
	Europe B	DocuBox HD	TV	DVB-S2	2/3		30.000	Conax/Irdeto/Videoguard	"English,Russian"
	Europe B	Fast & FunBox HD	TV	DVB-S2	2/3		30.000	Conax/Irdeto/Videoguard	"English,Russian,Turkish"
	Europe B	FightBox HD	TV	DVB-S2	2/3		30.000	Conax/Irdeto/Videoguard	English,Russian,Polish,Turkish,Spanish
	Europe B	Eroxxx HD	TV	DVB-S2	2/3		30.000	Conax/Irdeto/Videoguard	English
	Europe B	Erox HD	TV	DVB-S2	2/3		30.000	Conax/Irdeto/Videoguard	English
	Europe B	360 Tune Box	TV	DVB-S2	2/3		30.000	Conax	English
	Europe B	FilmBox Extra HD Czechia & Hungary	TV	DVB-S2	2/3		30.000	Conax/Irdeto	"Czech,Hungarian"
	Europe B	FilmBox Plus Hungary	TV	DVB-S2	2/3		30.000	Conax/Irdeto	"Czech,English,Hungarian"
	Europe B	FilmBox Premium Czechia	TV	DVB-S2	2/3		30.000	Conax/Irdeto	Czech
	Europe B	360 Tune Box	TV	DVB-S2	2/3		30.000	Conax/Irdeto/Videoguard	English
	Europe B	FashionBox HD	TV	DVB-S2	2/3		30.000	Conax/Irdeto/Videoguard	English
	Europe B	FilmBox Basic	TV	DVB-S2	2/3		30.000	Conax/Irdeto	"English,Hungarian,Bulgarian"
	Europe B	FilmBox Baltic	TV	DVB-S2	2/3		30.000	Conax	Russian
	Europe B	FilmBox Premium Hungary	TV	DVB-S2	2/3		30.000	Conax	Hungarian
	Europe B	FilmBox Family	TV	DVB-S2	2/3		30.000	Conax/Irdeto	"Czech,Hungarian"
	Europe B	FilmBox Plus Adria	TV	DVB-S2	2/3		30.000	Conax	English
	Europe B	FilmBox Extra HD Adria	TV	DVB-S2	2/3		30.000	Conax	English
	Europe B	Gametoon	TV	DVB-S2	2/3		30.000	Conax/Videoguard	English
11.324	V Europe B	Orange Slovensko	package	DVB-S2	2/3		30.000	Conax/Irdeto	
	Europe B	RTVS 1	TV	DVB-S2	2/3		30.000	Conax/Irdeto	Slovak
	Europe B	RTVS 2	TV	DVB-S2	2/3		30.000	Conax/Irdeto	Slovak
	Europe B	TV Markíza	TV	DVB-S2	2/3		30.000	Conax/Irdeto	Slovak
	Europe B	TV Joj	TV	DVB-S2	2/3	Y	30.000	Conax/Irdeto	Slovak
	Europe B	TV Doma	TV	DVB-S2	2/3		30.000	Conax/Irdeto	Slovak
	Europe B	Plus	TV	DVB-S2	2/3		30.000	Conax/Irdeto	Slovak
	Europe B	Dajto	TV	DVB-S2	2/3	Y	30.000	Conax/Irdeto	Slovak
	Europe B	Nova International	TV	DVB-S2	2/3		30.000	Irdeto	Czech
	Europe B	Óčko	TV	DVB-S2	2/3		30.000	Conax/Irdeto	Czech
	Europe B	Slágr TV	TV	DVB-S2	2/3		30.000	Conax/Irdeto	Czech
	Europe B	TA 3	TV	DVB-S2	2/3		30.000	Conax/Irdeto	Slovak
	Europe B	Ring TV	TV	DVB-S2	2/3		30.000	Conax/Irdeto	Slovak
	Europe B	Orange Sport	TV	DVB-S2	2/3		30.000	Irdeto	Slovak
	Europe B	Premier Sport	TV	DVB-S2	2/3		30.000	Irdeto	Slovak
11.356	H Sub-Sahara Africa	unknown	package	DVB-S2	3/4		45.000		
	Sub-Sahara Africa	RTS 1	TV	DVB-S2	3/4		45.000		French
	Sub-Sahara Africa	Télé Tchad	TV	DVB-S2	3/4		45.000		French
	Sub-Sahara Africa	Equinoxe TV	TV	DVB-S2	3/4		45.000		French
	Sub-Sahara Africa	Alwilayah TV Hausa	TV	DVB-S2	3/4		45.000		Hausa
	Sub-Sahara Africa	Divin Amour TV	TV	DVB-S2	3/4		45.000		
	Sub-Sahara Africa	Commec promo	TV	DVB-S2	3/4		45.000		
	Sub-Sahara Africa	Sikka TV	TV	DVB-S2	3/4		45.000		French
	Sub-Sahara Africa	Nina sat	TV	DVB-S2	3/4		45.000		French
	Sub-Sahara Africa	Radio Tchad	radio	DVB-S2	3/4		45.000		French
11.366	V Europe A	Orange Slovensko	package	DVB-S2	2/3		30.000	Conax/Irdeto	
	Europe A	Wau TV	TV	DVB-S2	2/3		30.000	Conax/Irdeto	Slovak
	Europe A	Senzi	TV	DVB-S2	2/3		30.000	Conax/Irdeto	Slovak
	Europe A	TV Lux	TV	DVB-S2	2/3		30.000	Conax/Irdeto	Slovak
	Europe A	AMC Central Europe	TV	DVB-S2	2/3		30.000	Conax/Irdeto	Czech
	Europe A	Discovery Channel Central Europe	TV	DVB-S2	2/3		30.000	Conax/Irdeto	"Czech,English,Hungarian"
	Europe A	Golf Channel Czechia	TV	DVB-S2	2/3		30.000	Irdeto	Czech
	Europe A	Investigation Discovery Xtra	TV	DVB-S2	2/3		30.000	Irdeto	"Czech,English,Hungarian"

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Europe A	Extasy TV	TV	DVB-S2	2/3		30.000	Irdeto	Czech
	Europe A	Leo TV	TV	DVB-S2	2/3		30.000	Irdeto	Czech
	Europe A	TLC Pan Regional	TV	DVB-S2	2/3		30.000	Conax/Irdeto	"Czech,English,Hungarian"
	Europe A	Sport 1 Czechia	TV	DVB-S2	2/3		30.000	Conax/Irdeto	Czech
	Europe A	Arena Sport 1	TV	DVB-S2	2/3		30.000	Conax/Irdeto	Slovak
11.387	H	Europe B	Total TV	package	DVB-S2	3/5	30.000	Conax/Nagravision/Videoguard	
	Europe B	Arena Sport 1 BiH	TV	DVB-S2	3/5		30.000	Videoguard	Serbian
	Europe B	Studio B	TV	DVB-S2	3/5	Y	30.000	Videoguard	Serbian
	Europe B	Alternativna TV	TV	DVB-S2	3/5		30.000	Videoguard	Serbian
	Europe B	RTRS TV	TV	DVB-S2	3/5	Y	30.000	Videoguard	Serbian
	Europe B	Brio	TV	DVB-S2	3/5	Y	30.000	Videoguard	Slovenian
	Europe B	Kino	TV	DVB-S2	3/5		30.000	Videoguard	Slovenian
	Europe B	TV 3	TV	DVB-S2	3/5	Y	30.000	Videoguard	Slovenian
	Europe B	MRT 1	TV	DVB-S2	3/5		30.000	Videoguard	Macedonian
	Europe B	Pink Srbija	TV	DVB-S2	3/5	Y	30.000	Videoguard	Serbian
	Europe B	Sitel TV	TV	DVB-S2	3/5		30.000	Videoguard	Macedonian
	Europe B	Kanal 5	TV	DVB-S2	3/5		30.000	Videoguard	Macedonian
	Europe B	Cinemania	TV	DVB-S2	3/5		30.000	Videoguard	Serbian
	Europe B	Pikaboo	TV	DVB-S2	3/5		30.000	Conax/Videoguard	"Serbian,Croatian,Slovenian,Macedonian,Albanian"
	Europe B	Kanal A	TV	DVB-S2	3/5	Y	30.000	Videoguard	Slovenian
	Europe B	Sport Klub 2 Slovenija	TV	DVB-S2	3/5		30.000	Videoguard	Slovenian
	Europe B	CineStar TV Comedy	TV	DVB-S2	3/5		30.000	Videoguard	Croatian
	Europe B	Lov i ribolov	TV	DVB-S2	3/5		30.000	Conax/Nagravision/Videoguard	Serbian
	Europe B	Nova M	TV	DVB-S2	3/5	Y	30.000	Videoguard	Serbian
11.427	V	Europe B	Tring Digital	package	DVB-S2	2/3	27.500	Conax	
	Europe B	Vizion Plus	TV	DVB-S2	2/3		27.500	Conax	Albanian
	Europe B	Tring Super	TV	DVB-S2	2/3		27.500	Conax	Albanian
	Europe B	Tring Sport News	TV	DVB-S2	2/3		27.500		Albanian
	Europe B	Tring Summertime	TV	DVB-S2	2/3		27.500	Conax	Albanian
	Europe B	RTV 21 Sat	TV	DVB-S2	2/3		27.500	Conax	Albanian
	Europe B	Tip TV	TV	DVB-S2	2/3		27.500	Conax	Albanian
	Europe B	Tring Tring	TV	DVB-S2	2/3		27.500	Conax	Albanian
	Europe B	Tring Planet	TV	DVB-S2	2/3		27.500	Conax	English
	Europe B	Tring Life	TV	DVB-S2	2/3		27.500	Conax	Albanian
	Europe B	Tring Action	TV	DVB-S2	2/3		27.500	Conax	Albanian
	Europe B	Tring Sport 1	TV	DVB-S2	2/3		27.500	Conax	Albanian
	Europe B	Tring Sport 2	TV	DVB-S2	2/3		27.500	Conax	Albanian
	Europe B	Smile	TV	DVB-S2	2/3		27.500	Conax	Albanian
	Europe B	Tring Jolly	TV	DVB-S2	2/3		27.500	Conax	Albanian
	Europe B	3 Plus	TV	DVB-S2	2/3		27.500	Conax	Albanian
	Europe B	BBF Music TV	TV	DVB-S2	2/3		27.500	Conax	Albanian
	Europe B	Tring World	TV	DVB-S2	2/3		27.500	Conax	Albanian
	Europe B	Tring Shqip	TV	DVB-S2	2/3		27.500	Conax	Albanian
	Europe B	Folk +	TV	DVB-S2	2/3		27.500	Conax	Albanian
	Europe B	Desire	TV	DVB-S2	2/3		27.500	Conax	Albanian
	Europe B	Kanali 7	TV	DVB-S2	2/3		27.500		Albanian
	Europe B	Tring Fantasy	TV	DVB-S2	2/3		27.500	Conax	Albanian
	Europe B	Klan Plus	TV	DVB-S2	2/3		27.500	Conax	Albanian
	Europe B	Radio Klan	radio	DVB-S2	2/3		27.500		Albanian
11.471	H	Europe B	Total TV	package	DVB-S2	3/4	30.000	Conax/Videoguard	
	Europe B	unknown	package	DVB-S2	5/6		30.000	Conax/Irdeto/Videoguard	
	Europe B	Extasy 4K	TV	DVB-S2	5/6		30.000	Conax	
	South East Africa	Canal Réunion	package	DVB-S2	8/9		30.000	Mediaguard/Nagravision/Viaccess	
	Europe B	Investigation Discovery Europe	TV	DVB-S2	5/6		30.000	Conax	Bulgarian
	Europe B	Prva Srpska TV	TV	DVB-S2	3/4	Y	30.000	Videoguard	Serbian
	Europe B	Arena HD	TV	DVB-S2	5/6		30.000		German
	South East Africa	Disney Channel France	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Eurosport 1	TV	DVB-S2	5/6		30.000	Conax/Irdeto	Czech,English,Bulgarian
	Europe B	Prva Plus	TV	DVB-S2	3/4		30.000	Videoguard	Serbian
	Europe B	Eurosport 2 North-East	TV	DVB-S2	5/6		30.000	Conax	Czech,Bulgarian,English

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	South East Africa	NRJ 12	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Happy	TV	DVB-S2	3/4	Y	30.000	Videoguard	Serbian
	Europe B	Planeta HD	TV	DVB-S2	5/6		30.000	Conax	Bulgarian
	Europe B	Auto Motor und Sport	TV	DVB-S2	5/6		30.000	Conax/Irdeto	Czech,Bulgarian,German
	South East Africa	Série Club	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Duck TV SD	TV	DVB-S2	5/6		30.000	Conax	English
	Europe B	RTV 1	TV	DVB-S2	3/4	Y	30.000	Videoguard	Serbian
	South East Africa	Antenne Réunion TV	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Fine Living	TV	DVB-S2	5/6		30.000	Conax	Czech,English
	Europe B	BHT 1	TV	DVB-S2	3/4	Y	30.000	Videoguard	Bosnian
	Europe B	Baby TV Europe	TV	DVB-S2	5/6		30.000	Conax/Irdeto	English
	South East Africa	C8	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Investigation Discovery Europe	TV	DVB-S2	5/6		30.000	Conax/Irdeto	English,Czech
	Europe B	Federalna TV	TV	DVB-S2	3/4	Y	30.000	Conax/Videoguard	Bosnian
	Europe B	Food Network EMEA	TV	DVB-S2	5/6		30.000	Conax	Bulgarian
	Europe B	TLC Balkan	TV	DVB-S2	5/6		30.000	Conax	Bulgarian,English
	South East Africa	Voyage	TV	DVB-S2	8/9		30.000	Mediaguard/Nagravision/Viaccess	French
	Europe B	Food Network EMEA	TV	DVB-S2	5/6		30.000	Conax	English
	Europe B	Pop TV	TV	DVB-S2	3/4	Y	30.000	Videoguard	Slovenian
	Europe B	Fine Living	TV	DVB-S2	5/6		30.000	Conax	English
	South East Africa	Trace Africa Français	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Esports TV	TV	DVB-S2	5/6		30.000	Conax	English
	Europe B	TVCG 1	TV	DVB-S2	3/4		30.000	Videoguard	Serbian
	Europe B	Investigation Discovery Europe	TV	DVB-S2	5/6		30.000	Conax	English
	South East Africa	Kolo TV	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	TLC Balkan	TV	DVB-S2	5/6		30.000	Conax	English
	Europe B	TVCG 2	TV	DVB-S2	3/4		30.000	Videoguard	Serbian
	Europe B	Fine Living	TV	DVB-S2	5/6		30.000	Conax/Irdeto	Czech,English
	South East Africa	Kanal Austral TV	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Nickelodeon Europe	TV	DVB-S2	5/6		30.000	Conax	Croatian
	Europe B	Nat Geo Wild Europe	TV	DVB-S2	5/6		30.000	Conax/Irdeto	English,Czech
	South East Africa	Nollywood TV	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Boomerang Central & Eastern Europe	TV	DVB-S2	5/6		30.000	Conax/Irdeto	English
	Europe B	24 Kitchen Hrvatska	TV	DVB-S2	5/6		30.000	Conax	English
	South East Africa	Action	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Fine Living	TV	DVB-S2	5/6		30.000	Irdeto	Czech
	Europe B	Sport Klub 1 Slovenija	TV	DVB-S2	3/4		30.000	Videoguard	Slovenian
	Europe B	Duck TV SD	TV	DVB-S2	5/6		30.000	Irdeto	English
	South East Africa	TFX	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Hema TV	TV	DVB-S2	3/4		30.000	Videoguard	Bosnian
	South East Africa	Eurosport 2 France	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Sport Klub 1 Hrvatska	TV	DVB-S2	3/4		30.000	Videoguard	Croatian
	South East Africa	LCI	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	TV 1000 Balkan	TV	DVB-S2	3/4		30.000	Videoguard	English
	South East Africa	Cine + Frisson	TV	DVB-S2	8/9		30.000	Mediaguard	French
	South East Africa	TV Plus Madagascar	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Diva Adria	TV	DVB-S2	3/4		30.000	Videoguard	English
	South East Africa	Automoto la chaîne	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Fox Crime Srbija	TV	DVB-S2	3/4		30.000	Conax/Videoguard	Serbian
	South East Africa	Disney XD France	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Fox Life Srbija	TV	DVB-S2	3/4		30.000	Conax/Videoguard	Serbian
	South East Africa	Cine + Club	TV	DVB-S2	8/9		30.000	Mediaguard	French

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Europe B	Fox Movies Srbija	TV	DVB-S2	3/4		30.000	Videoguard	Serbian
	South East Africa	Comédie +	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	National Geographic Srbija	TV	DVB-S2	3/4		30.000	Conax/Videoguard	Serbian
	South East Africa	InfoSport +	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Sport Klub 1 Srbija	TV	DVB-S2	3/4		30.000	Videoguard	Serbian
	South East Africa	MBC Sat	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	RTV 2	TV	DVB-S2	3/4	Y	30.000	Videoguard	Serbian
	South East Africa	MTV India	TV	DVB-S2	8/9		30.000	Mediaguard	English
	Europe B	IDJ TV	TV	DVB-S2	3/4		30.000	Conax/Videoguard	Serbian
	South East Africa	Zee Tamil	TV	DVB-S2	8/9		30.000	Mediaguard	Tamil
	South East Africa	Viva	TV	DVB-S2	8/9		30.000	Mediaguard	
	South East Africa	Colors	TV	DVB-S2	8/9		30.000	Mediaguard	Hindi
	South East Africa	Jazz Radio	radio	DVB-S2	8/9		30.000		French
	South East Africa	RFM	radio	DVB-S2	8/9		30.000		French
	South East Africa	Europe 1	radio	DVB-S2	8/9		30.000		French
	South East Africa	RMC	radio	DVB-S2	8/9		30.000		French
	South East Africa	Free Dom 1	radio	DVB-S2	8/9		30.000		French
	South East Africa	Top FM	radio	DVB-S2	8/9		30.000	Mediaguard	French
11.512	H Europe B	Max TV	package	DVB-S2	3/4		30.000	Conax/Nagravision/Videoguard	
	Europe B	TV Romania	package	DVB-S2	2/3		29.950		
	Europe B	TVR 1	TV	DVB-S2	2/3	Y	29.950	Conax	Romanian
	South East Africa	Canal Réunion	package	DVB-S2	8/9		30.000	Mediaguard/Nagravision/Viaccess	
	Europe B	RTL Living Hrvatska	TV	DVB-S2	3/4		30.000	Conax/Nagravision	Croatian
	Europe B	TVR 2	TV	DVB-S2	2/3	Y	29.950	Conax	Romanian
	South East Africa	Nickelodeon France	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	TVR 3	TV	DVB-S2	2/3	Y	29.950	Conax	Romanian
	Europe B	RTL Kockica	TV	DVB-S2	3/4		30.000	Conax/Nagravision/Videoguard	Croatian
	Europe B	TVR Moldova	TV	DVB-S2	2/3		29.950	Conax	Romanian
	South East Africa	Canal + Action Afrique	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	TVR International	TV	DVB-S2	2/3	Y	29.950		Romanian
	Europe B	National Geographic Hrvatska	TV	DVB-S2	3/4		30.000	Conax/Nagravision	Croatian
	Europe B	TVR 1	TV	DVB-S2	2/3		29.950	Conax	Romanian
	South East Africa	E! France	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	TVR 2	TV	DVB-S2	2/3		29.950	Conax	Romanian
	Europe B	Nat Geo Wild Europe	TV	DVB-S2	3/4		30.000	Conax/Nagravision	English
	Europe B	Radio România Actualitati	radio	DVB-S2	2/3		29.950		Romanian
	South East Africa	OCS City	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Radio România Cultural	radio	DVB-S2	2/3		29.950		Romanian
	Europe B	BBC Earth Romania	TV	DVB-S2	3/4		30.000	Nagravision	English
	Europe B	Radio România Muzical	radio	DVB-S2	2/3		29.950		Romanian
	South East Africa	Novelas TV	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Radio România Antena Satelor	radio	DVB-S2	2/3		29.950		Romanian
	Europe B	CineStar TV Fantasy	TV	DVB-S2	3/4		30.000	Conax/Nagravision/Videoguard	Croatian
	Europe B	Radio România International 1	radio	DVB-S2	2/3		29.950		Romanian
	South East Africa	C News	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Radio România International 2	radio	DVB-S2	2/3		29.950		Romanian
	Europe B	Nickelodeon Europe	TV	DVB-S2	3/4		30.000	Nagravision/Videoguard	Croatian
	Europe B	Radio România International 3	radio	DVB-S2	2/3		29.950		Romanian
	South East Africa	Iqraa Africa & Europe	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Vavoom	TV	DVB-S2	3/4		30.000	Conax/Nagravision	Croatian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	South East Africa	L'Équipe	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Boomerang Central & Eastern Europe	TV	DVB-S2	3/4		30.000	Nagravision	English
	South East Africa	C Star	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Baby TV Europe	TV	DVB-S2	3/4		30.000	Nagravision/Videoguard	English
	South East Africa	13ème Rue	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Cartoon Network Russia & South East Europe	TV	DVB-S2	3/4		30.000	Conax/Nagravision	English
	South East Africa	Planète + A&E	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Epic Drama	TV	DVB-S2	3/4		30.000	Nagravision	English
	South East Africa	Seasons	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Fox Life Hrvatska	TV	DVB-S2	3/4		30.000	Conax/Nagravision	Croatian
	South East Africa	Trace Urban	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Fox Crime Hrvatska	TV	DVB-S2	3/4		30.000	Conax/Nagravision	Croatian
	South East Africa	Paris Première	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	HNTV	TV	DVB-S2	3/4		30.000	Nagravision	Croatian
	South East Africa	Mezzo	TV	DVB-S2	8/9		30.000	Mediaguard	French
	South East Africa	Colmax TV	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Sport Klub 2 Srbija	TV	DVB-S2	3/4		30.000	Nagravision	Croatian
	South East Africa	Planète + CI	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Sport Klub 3	TV	DVB-S2	3/4		30.000	Nagravision	Croatian
	South East Africa	Equidia	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Arena Sport 3 Hrvatska	TV	DVB-S2	3/4		30.000	Nagravision	Croatian
	South East Africa	CGTN Français	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Jugoton TV	TV	DVB-S2	3/4		30.000	Conax/Nagravision	Croatian
	South East Africa	Planète +	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Sport Klub Start	TV	DVB-S2	3/4		30.000	Nagravision	Croatian
	South East Africa	MTV France	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Arena Sport 4 Hrvatska	TV	DVB-S2	3/4		30.000	Nagravision	Croatian
	South East Africa	Piwi +	TV	DVB-S2	8/9		30.000	Mediaguard	French
	South East Africa	Libido TV	TV	DVB-S2	8/9		30.000	Mediaguard	French
	South East Africa	Canal + Sport 4	TV	DVB-S2	8/9		30.000	Mediaguard	French
	South East Africa	Canal + Sport Réunion	TV	DVB-S2	8/9		30.000	Mediaguard	French
	South East Africa	Fun Radio Réunion	radio	DVB-S2	8/9		30.000	Mediaguard	French
	South East Africa	Nostalgie Réunion	radio	DVB-S2	8/9		30.000	Mediaguard	French
	South East Africa	NRJ Réunion	radio	DVB-S2	8/9		30.000	Mediaguard	French
	South East Africa	Ma FM	radio	DVB-S2	8/9		30.000	Mediaguard	French
	South East Africa	Exo FM	radio	DVB-S2	8/9		30.000	Mediaguard	French
	South East Africa	RMJ	radio	DVB-S2	8/9		30.000	Mediaguard	French
	South East Africa	ACEEM Radio	radio	DVB-S2	8/9		30.000	Mediaguard	French
	South East Africa	BFM Business Radio	radio	DVB-S2	8/9		30.000	Mediaguard	French
	South East Africa	Latina	radio	DVB-S2	8/9		30.000	Mediaguard	French
	South East Africa	Radio Nova	radio	DVB-S2	8/9		30.000	Mediaguard	French
	South East Africa	Skyrock	radio	DVB-S2	8/9		30.000	Mediaguard	French
	South East Africa	Voltage	radio	DVB-S2	8/9		30.000	Mediaguard	French

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	South East Africa	Alliance FM 92	radio	DVB-S2	8/9		30.000	Mediaguard	French
11.554	V Europe B	A1 Croatia	package	DVB-S2	5/6		30.000	Conax/Nagravision/Videoguard	
	Europe B	Total TV	package	DVB-S2	3/4		30.000	Conax/Nagravision/Videoguard	
	Europe B	HRT 1	TV	DVB-S2	5/6	Y	30.000	Conax	Croatian
	South East Africa	France TV	package	DVB-S2	5/6		30.000	Mediaguard/Nagravision/Viaccess	
	Europe B	HRT 2	TV	DVB-S2	5/6	Y	30.000	Conax	Croatian
	Europe B	RTS 1	TV	DVB-S2	3/4	Y	30.000	Videoguard	Serbian
	Europe B	Balkanika Music TV	TV	DVB-S2	5/6		30.000	Conax	Bulgarian
	South East Africa	Franceinfo: TV	TV	DVB-S2	5/6		30.000		French
	Europe B	Doku TV	TV	DVB-S2	5/6		30.000	Conax	Croatian
	Europe B	RTS 2	TV	DVB-S2	3/4	Y	30.000	Videoguard	Serbian
	South East Africa	Réunion 1ère	TV	DVB-S2	5/6		30.000	Mediaguard/Nagravision/Viaccess	French
	Europe B	Sport Klub 2 Srbija	TV	DVB-S2	5/6		30.000	Conax	"Croatian,Serbian,Slovenian"
	Europe B	Hustler HD Europe	TV	DVB-S2	5/6		30.000	Conax/Videoguard	English
	Europe B	Pink 2	TV	DVB-S2	3/4		30.000	Videoguard	Serbian
	Europe B	Hustler TV Europe	TV	DVB-S2	5/6		30.000	Conax/Nagravision/Videoguard	English
	South East Africa	Mayotte 1ère	TV	DVB-S2	5/6		30.000	Mediaguard/Nagravision/Viaccess	French
	Europe B	Sport Klub 1 Hrvatska	TV	DVB-S2	5/6		30.000	Conax	Croatian
	South East Africa	France 2	TV	DVB-S2	5/6		30.000	Mediaguard/Nagravision/Viaccess	French
	Europe B	HRT 3	TV	DVB-S2	5/6	Y	30.000	Conax	Croatian
	Europe B	Diva Adria	TV	DVB-S2	5/6		30.000	Conax	
	Europe B	OBN	TV	DVB-S2	3/4	Y	30.000	Videoguard	Bosnian
	South East Africa	France 3	TV	DVB-S2	5/6		30.000	Mediaguard/Nagravision/Viaccess	French
	Europe B	TV 1000 Balkan	TV	DVB-S2	5/6		30.000	Conax/Nagravision	English
	Europe B	TV Slovenija 1	TV	DVB-S2	3/4	Y	30.000	Videoguard	Slovenian
	South East Africa	France 4	TV	DVB-S2	5/6		30.000	Mediaguard/Nagravision/Viaccess	French
	Europe B	Sport Klub 3	TV	DVB-S2	5/6		30.000	Conax	Croatian
	Europe B	CineStar TV Action Hrvatska	TV	DVB-S2	5/6		30.000	Conax/Nagravision/Videoguard	Croatian
	Europe B	TV Slovenija 2	TV	DVB-S2	3/4	Y	30.000	Videoguard	Slovenian
	South East Africa	France 5	TV	DVB-S2	5/6		30.000	Mediaguard/Nagravision/Viaccess	French
	Europe B	PlanetSport 1	TV	DVB-S2	5/6		30.000	Conax	Croatian
	Europe B	Prva TV Crna Gora	TV	DVB-S2	3/4		30.000	Videoguard	Serbian
	South East Africa	France Ô promo	TV	DVB-S2	5/6		30.000	Mediaguard/Nagravision/Viaccess	French
	Europe B	PlanetSport 2	TV	DVB-S2	5/6		30.000	Conax	Croatian
	Europe B	Arena Sport 1	TV	DVB-S2	3/4		30.000	Videoguard	Serbian
	Europe B	Viasat Explore East	TV	DVB-S2	5/6		30.000	Conax/Nagravision	"English,Czech"
	South East Africa	ARTE Français	TV	DVB-S2	5/6		30.000	Mediaguard/Nagravision/Viaccess	French
	Europe B	PlanetSport 3	TV	DVB-S2	5/6		30.000	Conax	Croatian
	Europe B	Arena Sport 2	TV	DVB-S2	3/4		30.000	Videoguard	Serbian
	Europe B	Kino TV	TV	DVB-S2	5/6		30.000	Conax/Nagravision	Croatian
	South East Africa	France 24 Français	TV	DVB-S2	5/6		30.000		French
	Europe B	Viasat History	TV	DVB-S2	5/6		30.000	Conax/Nagravision	"English,Czech"
	Europe B	Sport Klub Golf	TV	DVB-S2	3/4		30.000	Videoguard	"Serbian,Croatian,Slovenian"
	Europe B	VH1 Europe	TV	DVB-S2	5/6		30.000	Conax/Irdeto/Nagravision/Videoguard	English
	Europe B	Mediaset Italia	TV	DVB-S2	5/6		30.000	Conax	Italian
	South East Africa	Réunion 1ère Radio	radio	DVB-S2	5/6		30.000		French
	Europe B	MTV Europe	TV	DVB-S2	5/6		30.000	Conax/Videoguard	English
	Europe B	Prva World	TV	DVB-S2	3/4		30.000	Videoguard	Serbian
	Europe B	Kreator TV	TV	DVB-S2	5/6		30.000	Conax	Croatian
	South East Africa	Mayotte 1ère Radio	radio	DVB-S2	5/6		30.000		French
	Europe B	HRT 4	TV	DVB-S2	5/6	Y	30.000	Conax	Croatian
	Europe B	Nova S	TV	DVB-S2	3/4		30.000	Videoguard	Serbian
	South East Africa	Mouv'	radio	DVB-S2	5/6		30.000		French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	CineStar TV Premiere 2	TV	DVB-S2	5/6	30.000	Conax	Croatian
	Europe B	Cinemania	TV	DVB-S2	3/4	30.000	Videoguard	Serbian
	Europe B	CineStar TV Premiere 1	TV	DVB-S2	5/6	30.000	Conax	Croatian
	South East Africa	Radio France Internationale	radio	DVB-S2	5/6	30.000		French
	Europe B	E! Europe	TV	DVB-S2	5/6	30.000	Conax/Irdeto/Nagravision	English
	Europe B	Grand	TV	DVB-S2	3/4	30.000	Conax/Videoguard	Serbian
	Europe B	Scifi Polska	TV	DVB-S2	5/6	30.000	Conax	English
	South East Africa	Franceinfo: Radio	radio	DVB-S2	5/6	30.000		French
	Europe B	Fight Channel	TV	DVB-S2	5/6	30.000	Conax/Videoguard	Croatian
	Europe B	N1 Bosna i Hercegovina	TV	DVB-S2	3/4	30.000	Videoguard	Bosnian
	Europe B	AXN Central Europe	TV	DVB-S2	5/6	30.000	Conax	English
	South East Africa	France Culture	radio	DVB-S2	5/6	30.000		French
	Europe B	N1 Hrvatska	TV	DVB-S2	3/4	30.000	Conax/Nagravision/Videoguard	Croatian
	Europe B	Planet Earth	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	CBS Reality Europe	TV	DVB-S2	5/6	30.000	Irdeto	Czech
	Europe B	Woman	TV	DVB-S2	5/6	30.000	Conax	Croatian
	South East Africa	France Inter	radio	DVB-S2	5/6	30.000		French
	Europe B	Fox Srbija	TV	DVB-S2	3/4	30.000	Videoguard	Serbian
	Europe B	Viasat Explore East	TV	DVB-S2	5/6	30.000	Irdeto	English,Czech
	Europe B	Viasat History	TV	DVB-S2	5/6	30.000	Irdeto	English,Czech
	South East Africa	France Musique	radio	DVB-S2	5/6	30.000		French
	Europe B	Fox Crime Srbija	TV	DVB-S2	3/4	30.000	Videoguard	Serbian
	Europe B	BBC First Polska	TV	DVB-S2	5/6	30.000	Conax	English
	South East Africa	France Bleu 107.1	radio	DVB-S2	5/6	30.000		French
	Europe B	24 Kitchen Srbija	TV	DVB-S2	3/4	30.000	Videoguard	Serbian
	South East Africa	France Bleu	radio	DVB-S2	5/6	30.000		French
	South East Africa	RFI Afrique	radio	DVB-S2	5/6	30.000		French
	South East Africa	Outre-mer 1ère	radio	DVB-S2	5/6	30.000	Viaccess	French
11.595	V Europe B	Fashion Television Europe	TV	DVB-S2	5/6	30.000		English
	Europe B	Antik Sat	package	DVB-S2	5/6	30.000	Conax	
	Europe B	Max TV	package	DVB-S2	3/4	30.000	Conax/Nagravision/Videoguard	
	Europe B	History Europe	TV	DVB-S2	3/4	30.000	Nagravision/Videoguard	English
	Europe B	M1 Gold	TV	DVB-S2	3/4	30.000	Nagravision	Croatian
	Europe B	RiC International	TV	DVB-S2	5/6	30.000	Conax	English,German
	Europe B	AXN Adria	TV	DVB-S2	3/4	30.000	Nagravision	English
	Europe B	Evil Angel TV	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	Arena Sport 2 Hrvatska	TV	DVB-S2	3/4	30.000	Nagravision	Croatian
	Europe B	Box Hits	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	Sport Klub 1 Hrvatska	TV	DVB-S2	3/4	30.000	Nagravision	Croatian
	Europe B	The Box Africa	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	Extreme Sports Channel	TV	DVB-S2	3/4	30.000	Nagravision	English
	Europe B	Magic TV	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	HRT 2	TV	DVB-S2	3/4	30.000	Nagravision	Croatian
	Europe B	Kiss TV	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	Kerrang!	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	Z1	TV	DVB-S2	3/4	30.000		Croatian
	Europe B	CMC TV	TV	DVB-S2	3/4	30.000	Conax/Nagravision/Videoguard	Croatian
	Europe B	Ginx eSports TV International	TV	DVB-S2	5/6	30.000	Conax	English
	Europe B	Arena Sport 6 Hrvatska	TV	DVB-S2	3/4	30.000	Nagravision	Croatian
	Europe B	Fashion One 4K	TV	DVB-S2	5/6	30.000		English
	Europe B	Da Vinci	TV	DVB-S2	3/4	30.000	Nagravision	English
	Europe B	CNN International Europe	TV	DVB-S2	3/4	30.000	Conax/Nagravision	English
	Europe B	Fox Movies Hrvatska	TV	DVB-S2	3/4	30.000	Nagravision	Croatian
	Europe B	RTL Passion Hrvatska	TV	DVB-S2	3/4	30.000	Nagravision	Croatian
	Europe B	RTL Crime Hrvatska	TV	DVB-S2	3/4	30.000	Nagravision	Croatian
	Europe B	Private TV	TV	DVB-S2	3/4	30.000	Nagravision	English
	Europe B	Vivid Touch	TV	DVB-S2	3/4	30.000	Nagravision	English
	Europe B	Fox Hrvatska	TV	DVB-S2	3/4	30.000	Conax/Nagravision	Croatian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Europe B	OTV Valentino	TV	DVB-S2	3/4		30.000		Bosnian
	Europe B	HRT 1	TV	DVB-S2	3/4	Y	30.000	Nagravision	Croatian
	Europe B	Radio CG	radio	DVB-S2	3/4		30.000		Serbian
	Europe B	Otvoreni Radio	radio	DVB-S2	3/4		30.000		Croatian
	Europe B	Narodni	radio	DVB-S2	3/4		30.000		Croatian
	Europe B	Antena Zagreb	radio	DVB-S2	3/4		30.000		Croatian
	Europe B	Radio Marija Hrvatska	radio	DVB-S2	3/4		30.000		Croatian
	Europe B	Gold FM	radio	DVB-S2	3/4		30.000		Croatian
	Europe B	Enter ZG	radio	DVB-S2	3/4		30.000		Croatian
	Europe B	Radio Valentino	radio	DVB-S2	3/4		30.000		Bosnian
11.596	H South East Africa	Parabole Réunion	package	DVB-S2	8/9		29.980	Viaccess	
	South East Africa	Kwezi TV	TV	DVB-S2	8/9		29.980	Viaccess	French
	South East Africa	Dorcel XXX	TV	DVB-S2	8/9		29.980	Viaccess	French
	South East Africa	Dorcel TV	TV	DVB-S2	8/9		29.980	Viaccess	French
	South East Africa	RTL	radio	DVB-S2	8/9		29.980	Viaccess	French
	South East Africa	Radio Classique	radio	DVB-S2	8/9		29.980	Viaccess	French
	South East Africa	RMC	radio	DVB-S2	8/9		29.980	Viaccess	French
	South East Africa	RCF National	radio	DVB-S2	8/9		29.980		French
	South East Africa	Free Dom 1	radio	DVB-S2	8/9		29.980	Viaccess	French
	South East Africa	Radio Plus FM	radio	DVB-S2	8/9		29.980	Viaccess	French
	South East Africa	Radio Arc en Ciel	radio	DVB-S2	8/9		29.980	Viaccess	French
	South East Africa	Kwezi FM	radio	DVB-S2	8/9		29.980	Viaccess	French
	South East Africa	Europe 1	radio	DVB-S2	8/9		29.980	Viaccess	French
	South East Africa	Nostalgie Réunion	radio	DVB-S2	8/9		29.980	Viaccess	French
	South East Africa	Gasy Radio	radio	DVB-S2	8/9		29.980	Viaccess	
	South East Africa	Radio Tana	radio	DVB-S2	8/9		29.980	Viaccess	
	South East Africa	Top FM	radio	DVB-S2	8/9		29.980	Viaccess	French
	South East Africa	Sunlight FM	radio	DVB-S2	8/9		29.980		French
	South East Africa	RLI FM 106	radio	DVB-S2	8/9		29.980	Viaccess	French
	South East Africa	Radio Plus	radio	DVB-S2	8/9		29.980	Viaccess	
	South East Africa	Best FM	radio	DVB-S2	8/9		29.980	Viaccess	French
	South East Africa	Kool FM	radio	DVB-S2	8/9		29.980	Viaccess	French
	South East Africa	Music FM	radio	DVB-S2	8/9		29.980	Viaccess	French
	South East Africa	RCM 13	radio	DVB-S2	8/9		29.980	Viaccess	French
	South East Africa	Azot Radio	radio	DVB-S2	8/9		29.980	Viaccess	French
	South East Africa	NRJ Maurice	radio	DVB-S2	8/9		29.980	Viaccess	French
11.637	H Europe B	A1 Telekom Austria	package	DVB-S2	5/6		30.000	Conax/Irdeto/Nagravision/Videoguard	
	Europe B	OIV	package	DVB-S2	2/3		30.000	Viaccess	
	Europe B	HRT 1	TV	DVB-S2	2/3	Y	30.000	Viaccess	Croatian
	South East Africa	Canal Réunion	package	DVB-S2	8/9		30.000	Mediaguard	
	Europe B	HRT 2	TV	DVB-S2	2/3	Y	30.000	Viaccess	Croatian
	Europe B	VH1 Classic	TV	DVB-S2	5/6		30.000	Conax	English
	Europe B	HRT 3	TV	DVB-S2	2/3	Y	30.000	Viaccess	Croatian
	South East Africa	OCS choc	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	HRT 4	TV	DVB-S2	2/3	Y	30.000		Croatian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Europe B	History Europe	TV	DVB-S2	5/6		30.000	Irdeto	"Czech,Hungarian,English"
	Europe B	HRT International	TV	DVB-S2	2/3		30.000		Croatian
	Europe B	TV Slovenija 1	TV	DVB-S2	2/3	Y	30.000		Slovenian
	Europe B	Nick Jr Central & Eastern Europe	TV	DVB-S2	5/6		30.000	Conax/Irdeto	English
	Europe B	TV Slovenija 2	TV	DVB-S2	2/3	Y	30.000		Slovenian
	South East Africa	OCS geants	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	TV Slovenija 3	TV	DVB-S2	2/3	Y	30.000		Slovenian
	Europe B	PlanetSport 4	TV	DVB-S2	5/6		30.000	Conax	Croatian
	Europe B	HR Prvi program	radio	DVB-S2	2/3		30.000		Croatian
	South East Africa	Sky One	TV	DVB-S2	8/9		30.000	Mediaguard	
	Europe B	HR Drugi program	radio	DVB-S2	2/3		30.000		Croatian
	Europe B	Travelxp HD Europe	TV	DVB-S2	5/6		30.000	Conax/Irdeto	"English,Czech"
	Europe B	HR Treci program	radio	DVB-S2	2/3		30.000		Croatian
	South East Africa	TéléToon Africa	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Glas Hrvatske	radio	DVB-S2	2/3		30.000		Croatian
	Europe B	Cartoon Network Bulgaria	TV	DVB-S2	5/6		30.000	Conax/Irdeto	"English,Bulgarian,Russian"
	Europe B	Hrvatski Katolicki Radio	radio	DVB-S2	2/3		30.000		Croatian
	South East Africa	Cartoon Network France	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Prvi	radio	DVB-S2	2/3		30.000		Slovenian
	Europe B	Disney Channel Romania	TV	DVB-S2	5/6		30.000	Conax	"Romanian,English"
	Europe B	Val 202	radio	DVB-S2	2/3		30.000		Slovenian
	South East Africa	BBC World News Africa	TV	DVB-S2	8/9		30.000	Mediaguard	English
	Europe B	Ars	radio	DVB-S2	2/3		30.000		Slovenian
	Europe B	History Europe	TV	DVB-S2	5/6		30.000	Conax	English
	Europe B	Radio Si	radio	DVB-S2	2/3		30.000		
	South East Africa	MTV Hits France	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Disney Channel Bulgaria	TV	DVB-S2	5/6		30.000	Conax	"Bulgarian,English"
	South East Africa	TV Record Madagascar	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Aurora TV	TV	DVB-S2	5/6		30.000		Croatian
	Europe B	Havoc TV	TV	DVB-S2	5/6		30.000	Conax	English
	South East Africa	6ter	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	AXN Spin Romania	TV	DVB-S2	5/6		30.000	Conax/Videoguard	"English,Romanian"
	South East Africa	English Club TV	TV	DVB-S2	8/9		30.000	Mediaguard	English
	South East Africa	Game One	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Barely Legal TV	TV	DVB-S2	5/6		30.000	Conax	English
	South East Africa	TV Malagasy	TV	DVB-S2	8/9		30.000	Mediaguard	
	South East Africa	Syfy France	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Da Vinci	TV	DVB-S2	5/6		30.000	Conax	
	South East Africa	Trek	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Travel Channel Europe	TV	DVB-S2	5/6		30.000	Conax	English
	South East Africa	XXL	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	PlanetSport 5	TV	DVB-S2	5/6		30.000	Conax	Croatian
	South East Africa	Disney Junior France	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	HBO Adria	TV	DVB-S2	5/6		30.000	Conax/Nagravision	"Croatian,Slovenian,Macedonian,Serbian,English"
	South East Africa	ORTC TV	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	HBO 2 Central Europe	TV	DVB-S2	5/6		30.000	Conax/Nagravision	"Croatian,Slovenian,Macedonian,Serbian,English"
	South East Africa	Star Plus	TV	DVB-S2	8/9		30.000	Mediaguard	Hindi
	Europe B	Cinemax Central Europe	TV	DVB-S2	5/6		30.000	Conax/Nagravision/Videoguard	"Croatian,Slovenian,Serbian"
	South East Africa	Penthouse Black	TV	DVB-S2	8/9		30.000	Mediaguard	English
	Europe B	Cinemax 2 Central Europe	TV	DVB-S2	5/6		30.000	Conax	Czech

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Europe B	Cinemax 2 Central Europe	TV	DVB-S2	5/6		30.000	Conax/Nagravision/Videoguard	"Croatian,Slovenian,Serbian"
	South East Africa	Voir +	TV	DVB-S2	8/9		30.000		French
	South East Africa	RMC Sport 4	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	HBO 3 Central Europe	TV	DVB-S2	5/6		30.000	Conax/Nagravision/Videoguard	"Croatian,Slovenian,Serbian,Macedonian,English"
	South East Africa	Living Foodz	TV	DVB-S2	8/9		30.000	Mediaguard	
	South East Africa	Times Now	TV	DVB-S2	8/9		30.000	Mediaguard	English
	Europe B	Cinemax 2 Central Europe	TV	DVB-S2	5/6		30.000	Irdeto	Czech
	South East Africa	Ma TV	TV	DVB-S2	8/9		30.000	Mediaguard	French
	Europe B	Cinemax Central Europe	TV	DVB-S2	5/6		30.000	Irdeto	Czech
	South East Africa	RFM TV	TV	DVB-S2	8/9		30.000	Mediaguard	French
	South East Africa	Zee TV Africa	TV	DVB-S2	8/9		30.000	Mediaguard	Hindi
	South East Africa	Trace Sport Stars	TV	DVB-S2	8/9		30.000	Mediaguard	French
	South East Africa	Radio Record	radio	DVB-S2	8/9		30.000		
	South East Africa	Radio des Jeunes	radio	DVB-S2	8/9		30.000		French
	South East Africa	RTL Réunion	radio	DVB-S2	8/9		30.000		French
	South East Africa	Radio Don Bosco	radio	DVB-S2	8/9		30.000		French
	South East Africa	RNM	radio	DVB-S2	8/9		30.000		
	South East Africa	Viva 98.8 FM	radio	DVB-S2	8/9		30.000		French
	South East Africa	Ylang FM	radio	DVB-S2	8/9		30.000		French
	South East Africa	Best FM	radio	DVB-S2	8/9		30.000		
	South East Africa	Kool FM	radio	DVB-S2	8/9		30.000		
	South East Africa	Radio One	radio	DVB-S2	8/9		30.000		French
	South East Africa	Radio Plus FM	radio	DVB-S2	8/9		30.000		French
11.678	H Europe B	Max TV	package	DVB-S2	3/4		30.000	Conax/Nagravision/Videoguard	
	South East Africa	Orange Réunion	package	DVB-S2	3/5		30.000	Viaccess	
	Europe B	Vivid TV Europe	TV	DVB-S2	3/4		30.000	Nagravision	English
	South East Africa	6ter	TV	DVB-S2	3/5		30.000	Viaccess	French
	Europe B	TV Arena	TV	DVB-S2	3/4		30.000		Slovenian
	Europe B	Woman	TV	DVB-S2	3/4		30.000	Conax/Nagravision	Croatian
	South East Africa	OCS City	TV	DVB-S2	3/5		30.000	Viaccess	French
	Europe B	History 2 Polska	TV	DVB-S2	3/4		30.000	Nagravision/Videoguard	English
	South East Africa	OCS choc	TV	DVB-S2	3/5		30.000	Viaccess	French
	Europe B	Pickbox	TV	DVB-S2	3/4		30.000	Nagravision	Croatian
	South East Africa	TF 1 Séries Films	TV	DVB-S2	3/5		30.000	Viaccess	French
	Europe B	Nova 24 TV	TV	DVB-S2	3/4		30.000		Slovenian
	South East Africa	OCS geants	TV	DVB-S2	3/5		30.000	Viaccess	French
	Europe B	TV Koper-Capodistria	TV	DVB-S2	3/4		30.000		
	Europe B	Viasat Nature East	TV	DVB-S2	3/4		30.000	Nagravision	English
	South East Africa	TV Brezh	TV	DVB-S2	3/5		30.000	Viaccess	French
	Europe B	Sport Klub Golf	TV	DVB-S2	3/4		30.000	Nagravision	Croatian
	South East Africa	Piwi +	TV	DVB-S2	3/5		30.000	Viaccess	French
	Europe B	Vivid Red	TV	DVB-S2	3/4		30.000	Nagravision	English
	South East Africa	Gulli Africa	TV	DVB-S2	3/5		30.000	Viaccess	French
	Europe B	24 Kitchen Hrvatska	TV	DVB-S2	3/4		30.000	Nagravision	Croatian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	South East Africa	Boomerang France	TV	DVB-S2	3/5		30.000	Viaccess	French
	South East Africa	Ushuaia TV	TV	DVB-S2	3/5		30.000	Viaccess	French
	Europe B	MTV Hits	TV	DVB-S2	3/4		30.000	Nagravision	English
	South East Africa	NRJ 12	TV	DVB-S2	3/5		30.000	Viaccess	French
	Europe B	Stingray Djazz	TV	DVB-S2	3/4		30.000	Nagravision	French
	South East Africa	Dorcel TV	TV	DVB-S2	3/5		30.000	Viaccess	French
	Europe B	Posavina TV	TV	DVB-S2	3/4		30.000		Croatian
	South East Africa	AB 1	TV	DVB-S2	3/5		30.000	Viaccess	French
	South East Africa	E! France	TV	DVB-S2	3/5		30.000	Viaccess	French
	Europe B	Blue Hustler Europe	TV	DVB-S2	3/4		30.000	Nagravision	English
	South East Africa	M6	TV	DVB-S2	3/5		30.000	Viaccess	French
	South East Africa	OCS max	TV	DVB-S2	3/5		30.000	Viaccess	French
	Europe B	Klasik TV	TV	DVB-S2	3/4		30.000	Conax/Nagravision	Croatian
	South East Africa	BeIn Sports 2	TV	DVB-S2	3/5		30.000	Viaccess	French
	South East Africa	Equidia	TV	DVB-S2	3/5		30.000	Viaccess	French
	Europe B	Nova TV	TV	DVB-S2	3/4	Y	30.000	Conax/Nagravision	Croatian
	South East Africa	RFM TV	TV	DVB-S2	3/5		30.000	Viaccess	French
	South East Africa	Automoto la chaîne	TV	DVB-S2	3/5		30.000	Viaccess	French
	Europe B	Doma Hrvatska	TV	DVB-S2	3/4		30.000	Conax/Nagravision/Videoguard	Croatian
	South East Africa	BeIn Sports 3	TV	DVB-S2	3/5		30.000	Viaccess	French
	Europe B	M1 Film	TV	DVB-S2	3/4		30.000	Nagravision	Croatian
	Europe B	Mini TV	TV	DVB-S2	3/4		30.000	Conax/Nagravision/Videoguard	Croatian
	South East Africa	C8	TV	DVB-S2	3/5		30.000	Viaccess	French
	Europe B	Laudato TV	TV	DVB-S2	3/4		30.000		Croatian
	South East Africa	CGTN Français	TV	DVB-S2	3/5		30.000	Viaccess	French
	Europe B	Arena Sport 1 Hrvatska	TV	DVB-S2	3/4		30.000	Nagravision	Croatian
	South East Africa	Trace Urban	TV	DVB-S2	3/5		30.000	Viaccess	French
	South East Africa	Trace Africa Français	TV	DVB-S2	3/5		30.000	Viaccess	French
	Europe B	Radio Capodistria	radio	DVB-S2	3/4		30.000		Italian
12.541	V Europe B	AlbanicaSat	package	DVB-S2	3/4		19.970	Conax/Irdeto	
	Europe B	Kohavision	TV	DVB-S2	3/4		19.970	Conax/Irdeto	Albanian
	Europe B	Klan Kosova	TV	DVB-S2	3/4		19.970	Conax/Irdeto	Albanian
	Europe B	RTV 21 Sat	TV	DVB-S2	3/4		19.970	Conax/Irdeto	Albanian
	Europe B	TV Dukagjini	TV	DVB-S2	3/4		19.970	Conax/Irdeto	Albanian
	Europe B	First Channel	TV	DVB-S2	3/4		19.970	Conax/Irdeto	Albanian
	Europe B	Arta	TV	DVB-S2	3/4		19.970	Conax/Irdeto	Albanian
	Europe B	T7	TV	DVB-S2	3/4		19.970	Conax/Irdeto	Albanian
	Europe B	Zico TV	TV	DVB-S2	3/4		19.970		Albanian
	Europe B	TV 21 Macedonia	TV	DVB-S2	3/4		19.970		Macedonian
	Europe B	Radio 21	radio	DVB-S2	3/4		19.970		Albanian
	Europe B	Radio Dukagjini	radio	DVB-S2	3/4		19.970		Albanian
12.562	H Sub-Sahara Africa	unknown	package	DVB-S2	2/3		30.000		
	Sub-Sahara Africa	TFM	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	L'Obs TV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	TFM Religions	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	NW Sport 1	TV	DVB-S2	2/3		30.000		
	Sub-Sahara Africa	TVT	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	NW Info	TV	DVB-S2	2/3		30.000		French

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Sub-Sahara Africa	InfoTV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	DBS TV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	LoveWorld Plus	TV	DVB-S2	2/3		30.000		English
	Sub-Sahara Africa	Dieu TV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	BF1	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	NW Magazine	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	Unafrika TV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	La Beninoise TV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	La Chrétienne TV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	QTV Gambia	TV	DVB-S2	2/3		30.000		English
	Sub-Sahara Africa	BB 24	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	SMTV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	NW Info 2	TV	DVB-S2	2/3		30.000		English
	Sub-Sahara Africa	A12 TV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	JesusChrist TV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	EMCI TV Paris	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	Miracle TV+	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	Distinction TV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	TV Chandelier	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	AC TV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	Casarhema TV	TV	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	RFM	radio	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	Radio Kara	radio	DVB-S2	2/3		30.000		French
	Sub-Sahara Africa	Radio Lomé	radio	DVB-S2	2/3		30.000		French
12.564	V Europe B	Kanal D Romania	TV	DVB-S	3/4		3.617	BISS	Romanian
12.570	H Europe A	SIC Internacional	TV	DVB-S	7/8		3.703	BISS	Portuguese
12.593	V Europe B	DM Sat	TV	DVB-S	2/3		2.500		Serbian
12.604	H Sub-Sahara Africa	Bis Africa	package	DVB-S2	2/3		29.980	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	TF 1	TV	DVB-S2	2/3		29.980	Conax/Nagravision/Viaccess	French
	Sub-Sahara Africa	France 2	TV	DVB-S2	2/3		29.980	Conax/Nagravision/Viaccess	French
	Sub-Sahara Africa	France Ô promo	TV	DVB-S2	2/3		29.980	Conax/Nagravision/Viaccess	French
	Sub-Sahara Africa	Passions TV	TV	DVB-S2	2/3		29.980	Conax/Nagravision/Viaccess	French
	Sub-Sahara Africa	Canal J	TV	DVB-S2	2/3		29.980	Conax/Nagravision/Viaccess	French
	Sub-Sahara Africa	Savannah TV	TV	DVB-S2	2/3		29.980	Conax/Nagravision/Viaccess	French
12.606	H Europe B	M1	TV	DVB-S2	3/4	Y	30.000	Irdeto	Hungarian
	Europe B	M2	TV	DVB-S2	3/4	Y	30.000	Irdeto	Hungarian
	Europe B	M4 Sport	TV	DVB-S2	3/4	Y	30.000	Irdeto	Hungarian
	Europe B	Duna TV	TV	DVB-S2	3/4	Y	30.000	Irdeto	Hungarian
	Europe B	TV 2	TV	DVB-S2	3/4	Y	30.000	Irdeto	Hungarian
	Europe B	TV 4	TV	DVB-S2	3/4	Y	30.000	Irdeto	Hungarian
	Europe B	Film + Hungary	TV	DVB-S2	3/4		30.000	Irdeto	Hungarian
	Europe B	Cool TV	TV	DVB-S2	3/4		30.000	Irdeto	Hungarian
	Europe B	RTL II	TV	DVB-S2	3/4		30.000	Irdeto	Hungarian
	Europe B	RTL Klub	TV	DVB-S2	3/4	Y	30.000	Irdeto	Hungarian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	RTL +	TV	DVB-S2	3/4	30.000	Irdeto	Hungarian
	Europe B	Sorozat +	TV	DVB-S2	3/4	30.000	Irdeto	Hungarian
	Europe B	Sláger TV	TV	DVB-S2	3/4	30.000	Irdeto	Hungarian
	Europe B	Kino Barrantov	TV	DVB-S2	3/4	30.000	Irdeto	Hungarian
	Europe B	Barrantov Krimi	TV	DVB-S2	3/4	30.000	Irdeto	Hungarian
	Europe B	Arena Sport 2	TV	DVB-S2	3/4	30.000	Irdeto	Slovak
	Europe B	Extreme Sports Channel	TV	DVB-S2	3/4	30.000	Irdeto	"English,Hungarian"
	Europe B	Orange Sport 3	TV	DVB-S2	3/4	30.000	Irdeto	Slovak
	Europe B	Orange Sport 4	TV	DVB-S2	3/4	30.000	Irdeto	Slovak
	Europe B	Orange Infokanál	TV	DVB-S2	3/4	30.000		Slovak
	Europe B	Lala TV	TV	DVB-S2	3/4	30.000	Irdeto	Slovak,Czech
	Europe B	Orange Sport 2	TV	DVB-S2	3/4	30.000	Irdeto	Slovak
	Europe B	RTVS 3	TV	DVB-S2	3/4	30.000	Conax/Irdeto	Slovak
12.639	H Europe B	RTSH	package	DVB-S2	3/5	10.833		
	Europe B	RTSH 3	TV	DVB-S2	3/5	10.833		Albanian
	Europe B	RTSH Plus	TV	DVB-S2	3/5	10.833		Albanian
	Europe B	RTSH 24	TV	DVB-S2	3/5	10.833		Albanian
	Europe B	RTSH Shqip	TV	DVB-S2	3/5	10.833		Albanian
	Europe B	RTSH Muzikë	TV	DVB-S2	3/5	10.833		Albanian
	Europe B	Radio Tirana 1	radio	DVB-S2	3/5	10.833		Albanian
	Europe B	Radio Tirana 2	radio	DVB-S2	3/5	10.833		Albanian
	Europe B	Radio Tirana International	radio	DVB-S2	3/5	10.833		
	Europe B	Radio Tirana Klasik	radio	DVB-S2	3/5	10.833		Albanian
	Europe B	Radio Tirana Jazz	radio	DVB-S2	3/5	10.833		Albanian
	Europe B	Radio Tirana 3	radio	DVB-S2	3/5	10.833		Albanian
12.643	V Europe B	Freesat	package	DVB-S2	2/3	27.500	Conax	
	Europe B	Prima TV	TV	DVB-S2	2/3	27.500	Conax	Romanian
	Europe B	Kanal D Romania	TV	DVB-S2	2/3	27.500	Conax	Romanian
	Europe B	National TV	TV	DVB-S2	2/3	27.500	Conax	Romanian
	Europe B	Boomerang Central & Eastern Europe	TV	DVB-S2	2/3	27.500	Conax	Romanian
	Europe B	Pro TV	TV	DVB-S2	2/3	27.500	Conax	Romanian
	Europe B	Pro X	TV	DVB-S2	2/3	27.500	Conax	Romanian
	Europe B	Pro 2	TV	DVB-S2	2/3	27.500	Conax	Romanian
	Europe B	Pro Cinema	TV	DVB-S2	2/3	27.500	Conax	Romanian
	Europe B	TNT Romania	TV	DVB-S2	2/3	27.500	Conax	Romanian
	Europe B	România TV	TV	DVB-S2	2/3	27.500	Conax	Romanian
	Europe B	Digi 24	TV	DVB-S2	2/3	27.500		Romanian
	Europe B	Etno TV	TV	DVB-S2	2/3	27.500		Romanian
	Europe B	TVR Cluj	TV	DVB-S2	2/3	Y 27.500		Romanian
	Europe B	TVR Craiova	TV	DVB-S2	2/3	Y 27.500		Romanian
	Europe B	TVR Iasi	TV	DVB-S2	2/3	Y 27.500		Romanian
	Europe B	TVR Timisoara	TV	DVB-S2	2/3	Y 27.500		Romanian
	Europe B	TVR Targu-Mures	TV	DVB-S2	2/3	Y 27.500		Romanian
	Europe B	Radio Trinitas	radio	DVB-S2	2/3	27.500		Romanian
	Europe B	Radio Reîntregirea	radio	DVB-S2	2/3	27.500		Romanian
12.654	H Europe B	Unire	package	DVB-S	2/3	11.111	PowerVu	
	Europe B	Unire TV 1	TV	DVB-S	2/3	11.111	PowerVu	Italian
	Europe B	Unire TV 2	TV	DVB-S	2/3	11.111	PowerVu	Italian
	Europe B	Unire Blu	TV	DVB-S	2/3	11.111	PowerVu	Italian
12.676	H Europe B	Libya Al-Ahrar TV	TV	DVB-S2	3/4	2.667	BISS	Arabic
12.687	H Sub-Sahara Africa	Zoe Channel	TV	DVB-S2	3/4	29.980		French
	Sub-Sahara Africa	RTS 2	TV	DVB-S2	3/4	29.980		French
	Sub-Sahara Africa	Hope World	TV	DVB-S2	3/4	29.980		French
	Sub-Sahara Africa	Veritas TV	TV	DVB-S2	3/4	29.980		
	Sub-Sahara Africa	Digitel promo	TV	DVB-S2	3/4	29.980		French
	Sub-Sahara Africa	Digitel promo	TV	DVB-S2	3/4	29.980		French
	Sub-Sahara Africa	My Righteous TV	TV	DVB-S2	3/4	29.980		English
	Sub-Sahara Africa	Sun+ TV	TV	DVB-S2	3/4	29.980		French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Sub-Sahara Africa	Africa Movie Star	TV	DVB-S2	3/4	29.980		
	Sub-Sahara Africa	Max 2 Cash	TV	DVB-S2	3/4	29.980		French
	Sub-Sahara Africa	True African	TV	DVB-S2	3/4	29.980		English
	Sub-Sahara Africa	Pulse	TV	DVB-S2	3/4	29.980		English
	Sub-Sahara Africa	Life TV	TV	DVB-S2	3/4	29.980		English
	Sub-Sahara Africa	Fresh	TV	DVB-S2	3/4	29.980		English
	Sub-Sahara Africa	LOL Africa	TV	DVB-S2	3/4	29.980		
	Sub-Sahara Africa	Kiddiwinks	TV	DVB-S2	3/4	29.980		English
12.694	H Europe A	unknown	package	DVB-S2	5/6	2.222		
12.699	H Europe B	SNAI	package	DVB-S	2/3	9.880		
	Europe B	SNAI Virtuali 2	TV	DVB-S	2/3	9.880		Italian
	Europe B	SNAI Virtuali 1	TV	DVB-S	2/3	9.880	PowerVu	Italian
	Europe B	SNAI Virtuali 3	TV	DVB-S	2/3	9.880		Italian
	Europe B	SNAI Virtuali 1	TV	DVB-S	2/3	9.880		Italian
12.717	H Europe B	National TV	TV	DVB-S2	3/4	7.500	BISS	Romanian
	Europe B	National 24 Plus	TV	DVB-S2	3/4	7.500	BISS	Romanian
	Europe B	Favorit TV	TV	DVB-S2	3/4	7.500		Romanian
	Europe B	Alfa Omega TV	TV	DVB-S2	3/4	7.500		Romanian
	Europe B	National FM	radio	DVB-S2	3/4	7.500		Romanian
	Europe B	RFI România	radio	DVB-S2	3/4	7.500		Romanian
	Europe B	Favorit FM	radio	DVB-S2	3/4	7.500		Romanian
12.739	H Europe B	Realitatea Plus	TV	DVB-S	3/4	2.256		Romanian
21.534	H Europe C	Vision 4	TV	DVB-S2	3/5	1.124		French
21.538	H Europe C	Vision 4	TV	DVB-S2	3/4	1.054		French
21.541	H Europe C	Eden TV	TV	DVB-S2	3/4	1.070		French
	Europe C	Diaspora FM	radio	DVB-S2	3/4	1.070		French
21.543	H Europe C	TVC Benin	TV	DVB-S2	3/4	1.100		French
21.545	H Europe C	STV	package	DVB-S2	5/6	2.143		
	Europe C	Boom TV	TV	DVB-S2	5/6	2.143		French
	Europe C	STV	TV	DVB-S2	5/6	2.143		French
21.547	H Europe C	Golfe TV Africa	TV	DVB-S2	5/6	1.238		French
	Europe C	Golfe FM	radio	DVB-S2	5/6	1.238		French
21.562	H Europe C	ImpactTV	TV	DVB-S2	2/3	1.010		French
21.563	H Europe C	Burkina Info TV	TV	DVB-S2	2/3	1.250		French
21.564	H Europe C	Radio Immaculée Conception	radio	DVB-S	3/4	.128		French
21.568	H Europe C	Equinoxe TV	TV	DVB-S2	3/4	1.383		French
21.571	H Europe C	TFM	package	DVB-S2	5/6	2.900		
	Europe C	TFM	TV	DVB-S2	5/6	2.900		French
	Europe C	L'Obs TV	TV	DVB-S2	5/6	2.900		French
	Europe C	TFM Religions	TV	DVB-S2	5/6	2.900		French
	Europe C	RFM	radio	DVB-S2	5/6	2.900		French
21.599	H Europe C	unknown	package	DVB-S2	2/3	5.206		
	Europe C	Zoe Channel	TV	DVB-S2	2/3	5.206		French
	Europe C	MIPC TV	TV	DVB-S2	2/3	5.206		French
	Europe C	Jes TV	TV	DVB-S2	2/3	5.206		French
	Europe C	Capital Santé TV	TV	DVB-S2	2/3	5.206		French
	Europe C	Divine TV	TV	DVB-S2	2/3	5.206		French
	Europe C	Hope World	TV	DVB-S2	2/3	5.206		French
21.607	H Europe C	unknown	package	DVB-S2	2/3	7.706		
	Europe C	Hope TV	TV	DVB-S2	2/3	7.706		French
	Europe C	Solution TV	TV	DVB-S2	2/3	7.706		French
	Europe C	Liberty TV	TV	DVB-S2	2/3	7.706		French
	Europe C	LTM TV	TV	DVB-S2	2/3	7.706		French
	Europe C	Jesus Savior TV	TV	DVB-S2	2/3	7.706		French
	Europe C	Miséricorde TV	TV	DVB-S2	2/3	7.706		French
	Europe C	Hausa 7 TV	TV	DVB-S2	2/3	7.706		Hausa
	Europe C	Transformers TV	TV	DVB-S2	2/3	7.706		French
	Europe C	Revival Channel	TV	DVB-S2	2/3	7.706		French
	Europe C	Porte TV	TV	DVB-S2	2/3	7.706		French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
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EUTELSAT 21B

10.856	V Wide	CCTV 2	TV	DVB-S2	1/2	30.000	Topwell/VisionCrypt	Chinese
	Wide	CHC HD	TV	DVB-S2	1/2	30.000	Topwell/VisionCrypt	Chinese
	Wide	CCTV 7	TV	DVB-S2	1/2	30.000	Topwell/VisionCrypt	Chinese
11.100	H Wide	Cote & Sport	package	DVB-S2	3/4	6.115		
	Wide	Cote & Sport 1	TV	DVB-S2	3/4	6.115		French
	Wide	Cote & Sport 2	TV	DVB-S2	3/4	6.115		French
11.186	V Western	BW TV Bravo	TV	DVB-S2	3/4	3.189	Conax	German
	Western	Radio Andernach	radio	DVB-S2	3/4	3.189	Conax	German
11.237	H Wide	Flowers International	TV	DVB-S2	5/6	2.583		Malayalam
11.473	V Wide	Al Baeenah Iraq TV	TV	DVB-S2	5/6	1.600		Arabic
11.486	H Wide	Libya Panorama Channel	TV	DVB-S2	5/6	1.497		Arabic
	Wide	MBC Maser	TV	DVB-S2	3/4	4.167	BISS	Arabic
11.494	H Wide	Libya Panorama Channel	TV	DVB-S2	5/6	1.430		Arabic
11.496	H Wide	Alghadeer TV	TV	DVB-S2	5/6	1.600		Arabic
11.516	H Wide	Radio Andernach	radio	DVB-S2	3/5	3.991	Conax	German
11.520	H Wide	Iran Press	TV	DVB-S	3/4	2.220		English
11.547	V Wide	Yemen TV	TV	DVB-S	5/6	2.000		Arabic
	Wide	Radio Sana'a	radio	DVB-S	5/6	2.000		Arabic
11.559	V Wide	MBC Maser	package	DVB-S2	5/6	5.000	BISS	
	Wide	MBC Maser	TV	DVB-S2	5/6	5.000	BISS	Arabic
	Wide	MBC Maser 2	TV	DVB-S2	5/6	5.000	BISS	Arabic
11.564	V Wide	MBC Maser	TV	DVB-S2	5/6	3.333	BISS	Arabic
11.569	H Western	Arryadia	package	DVB-S2	3/4	9.500		
	Western	Arryadia	TV	DVB-S2	3/4	9.500		Arabic
	Western	Arryadia	TV	DVB-S2	3/4	9.500		Arabic
	Western	Arryadia	TV	DVB-S2	3/4	9.500		Arabic
	Western	Arryadia	TV	DVB-S2	3/4	9.500		Arabic
11.578	H Western	Medi 1 Radio	package	DVB-S	2/3	.512		
	Western	Medi 1 Maghreb	radio	DVB-S	2/3	.512		Arabic
	Western	Medi 1 Afrique	radio	DVB-S	2/3	.512		French
11.582	V Wide	MBC	TV	DVB-S	7/8	2.850	BISS	Arabic
11.585	V Wide	MBC FM	radio	DVB-S2	7/8	2.850	BISS	Arabic
11.599	H Western	Chada FM	package	DVB-S	3/4	.255		
	Western	Chada FM	radio	DVB-S	3/4	.255		Arabic
	Western	Chada FM	radio	DVB-S	3/4	.255		Arabic
11.610	H Western	Skylogic	interactiv e	DVB-S	7/8	6.200		
11.613	H Western	MFM Radio	package	DVB-S	3/4	.376		
	Western	MFM Radio Casablanca	radio	DVB-S	3/4	.376		Arabic
	Western	MFM Radio Agadir	radio	DVB-S	3/4	.376		Arabic
	Western	MFM Radio Marrakech	radio	DVB-S	3/4	.376		Arabic
	Western	MFM Radio Fes	radio	DVB-S	3/4	.376		Arabic
11.618	V Western	Morrocan mux	package	DVB-S2	3/4	27.500		
	Western	Al Aoula Maroc	TV	DVB-S2	3/4	27.500		Arabic
	Western	2M National	TV	DVB-S2	3/4	27.500		Arabic
	Western	Arryadia	TV	DVB-S2	3/4	27.500		Arabic
	Western	Athaqafia	TV	DVB-S2	3/4	27.500		Arabic
	Western	Al Maghribia	TV	DVB-S2	3/4	27.500		Arabic
	Western	Assadissa	TV	DVB-S2	3/4	27.500		Arabic
	Western	Medi 1 TV Maghreb	TV	DVB-S2	3/4	27.500		French
	Western	Morrocan mux	package	DVB-S2	3/4	27.500		
	Western	Aflam TV	TV	DVB-S2	3/4	27.500		Arabic
	Western	Tamazight	TV	DVB-S2	3/4	27.500		Arabic
	Western	Laayoune TV	TV	DVB-S2	3/4	27.500		Arabic
	Western	Al Aoula Maroc	TV	DVB-S2	3/4	27.500		Arabic
	Western	Arryadia	TV	DVB-S2	3/4	27.500		Arabic
	Western	Assadissa	TV	DVB-S2	3/4	27.500		Arabic
	Western	Morrocan mux	package	DVB-S2	3/4	27.500		
	Western	Idaa al Watania	radio	DVB-S2	3/4	27.500		Arabic
	Western	Radio Tanger	radio	DVB-S2	3/4	27.500		
	Western	Chaîne Inter	radio	DVB-S2	3/4	27.500		
	Western	Radio Fes	radio	DVB-S2	3/4	27.500		
	Western	Idaa al Amazighia	radio	DVB-S2	3/4	27.500		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Western	Radio Marrakech	radio	DVB-S2	3/4	27.500		
	Western	Idaa Mohammed Assadiss	radio	DVB-S2	3/4	27.500		Arabic
	Western	Radio Agadir	radio	DVB-S2	3/4	27.500		
	Western	Radio Oujda	radio	DVB-S2	3/4	27.500		
	Western	Radio Casablanca	radio	DVB-S2	3/4	27.500		
	Western	Radio Tétouan	radio	DVB-S2	3/4	27.500		
	Western	Radio Meknes	radio	DVB-S2	3/4	27.500		
	Western	Radio Laayoune	radio	DVB-S2	3/4	27.500		
	Western	Radio Dakhla	radio	DVB-S2	3/4	27.500		
	Western	Radio Houceima	radio	DVB-S2	3/4	27.500		
	Western	Morrocan mux	package	DVB-S2	3/4	27.500		
11.663	V Wide	Afaq TV	TV	DVB-S2	3/4	2.220		Arabic
11.669	V Wide	Al Jadeed	TV	DVB-S	3/4	2.143		Arabic
11.678	V Wide	Al Hadath	TV	DVB-S	7/8	2.850		Arabic
11.681	V Wide	Altaleaa TV	TV	DVB-S2	3/4	1.481		Arabic
11.682	H Wide	Rûdaw	TV	DVB-S2	5/6	3.220		Kurdish
	Wide	Rûdaw Radio	radio	DVB-S2	5/6	3.220		Kurdish
	Wide	Rûdaw Music	radio	DVB-S2	5/6	3.220		Kurdish
11.685	V Wide	LuaLua TV	TV	DVB-S2	3/4	1.481		Arabic
11.688	V Wide	Alrased	TV	DVB-S2	5/6	2.220		Arabic
11.690	V Wide	Yemen Today TV	TV	DVB-S	5/6	1.300		Arabic
	Wide	Radio Yemen FM	radio	DVB-S	5/6	1.300		Arabic
11.697	H Wide	Asia Network TV	TV	DVB-S2	5/6	1.852		Arabic
12.537	V Wide	Ronahî TV	TV	DVB-S2	3/4	2.963		Kurdish

EUTELSAT 28E

11.386	H UK	Sky UK	package	DVB-S2	8/9	29.500	Videoguard	
	UK	Sky UK	package	DVB-S2	8/9	29.500	Videoguard	
	UK	BT Sport 1	TV	DVB-S2	8/9	29.500	Videoguard	English
	UK	BT Sport 2	TV	DVB-S2	8/9	29.500	Videoguard	English
	UK	BT Sport 3	TV	DVB-S2	8/9	29.500	Videoguard	English
	UK	BT Sport Extra 1	TV	DVB-S2	8/9	29.500	Videoguard	English
	UK	BT Sport ESPN	TV	DVB-S2	8/9	29.500	Videoguard	English
	UK	BT Sport Box Office 2 UK	TV	DVB-S2	8/9	29.500	Videoguard	English
11.426	H UK	The Racing Partnership	TV	DVB-S	2/3	27.500	Conax	English
	UK	Sky UK	package	DVB-S2	8/9	29.500		
	UK	S4C	TV	DVB-S2	8/9	29.500		"English,Welsh"
	UK	France 24 English	TV	DVB-S2	8/9	29.500		English
	UK	FreeSports	TV	DVB-S2	8/9	29.500		English
	UK	Quest UK	TV	DVB-S2	8/9	29.500		English
	UK	LaLiga TV	TV	DVB-S2	8/9	29.500	Videoguard	English

EUTELSAT 28F

11.306	V UK	Sky UK	package	DVB-S	5/6	27.500		
	UK	Sky UK	package	DVB-S	5/6	27.500	Videoguard	
	UK	BT Sport Extra 1	TV	DVB-S	5/6	27.500	Videoguard	English
	UK	Sony Movies Action	TV	DVB-S	5/6	27.500		English
	UK	BT Sport Extra 2	TV	DVB-S	5/6	27.500	Videoguard	English
	UK	Sony Movies	TV	DVB-S	5/6	27.500		English
	UK	BT Sport Extra 3	TV	DVB-S	5/6	27.500	Videoguard	English
	UK	Sony Movies Classic	TV	DVB-S	5/6	27.500		English
	UK	BT Sport Extra 4	TV	DVB-S	5/6	27.500	Videoguard	English
	UK	Sony Movies Classic +1	TV	DVB-S	5/6	27.500		English
	UK	BT Sport Extra 5	TV	DVB-S	5/6	27.500	Videoguard	English
	UK	Tiny Pop	TV	DVB-S	5/6	27.500		English
	UK	BT Sport Extra 6	TV	DVB-S	5/6	27.500	Videoguard	English
	UK	Pop	TV	DVB-S	5/6	27.500		English
	UK	BT Sport mosaic	TV	DVB-S	5/6	27.500	Videoguard	English
	UK	Tiny Pop +1	TV	DVB-S	5/6	27.500		English
	UK	Pop Max	TV	DVB-S	5/6	27.500		English
	UK	Sony Movies +1	TV	DVB-S	5/6	27.500		English
	UK	Pop Max +1	TV	DVB-S	5/6	27.500		English
	UK	Sony Movies Action +1	TV	DVB-S	5/6	27.500		English
	UK	Pop +1	TV	DVB-S	5/6	27.500		English
	UK	Sony Channel UK	TV	DVB-S	5/6	27.500		English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	UK	Sony Channel UK +1	TV	DVB-S	5/6	27.500		English
	UK	Sony Crime Channel	TV	DVB-S	5/6	Y 27.500		English
11.344	V UK	Sky UK	package	DVB-S	5/6	27.500		
	UK	Sky UK	package	DVB-S	5/6	27.500	Videoguard	
	UK	CBS Drama UK	TV	DVB-S	5/6	27.500		English
	UK	Trace Urban UK	TV	DVB-S	5/6	27.500		English
	UK	Box Nation	TV	DVB-S	5/6	27.500	Videoguard	English
	UK	CBS Justice Ireland	TV	DVB-S	5/6	27.500		English
	UK	Horror Channel UK	TV	DVB-S	5/6	27.500		English
	UK	BT Sport 1	TV	DVB-S	5/6	27.500	Videoguard	English
	UK	Trace Vault	TV	DVB-S	5/6	27.500		English
	UK	CBS Justice UK	TV	DVB-S	5/6	27.500		English
	UK	HGTV UK	TV	DVB-S	5/6	27.500		English
	UK	BT Sport 3	TV	DVB-S	5/6	27.500	Videoguard	English
	UK	HGTV UK +1	TV	DVB-S	5/6	27.500		English
	UK	Really UK	TV	DVB-S	5/6	27.500		English
	UK	CBS Reality UK	TV	DVB-S	5/6	27.500		English
	UK	Really Ireland	TV	DVB-S	5/6	27.500		English
	UK	CBS Reality Ireland	TV	DVB-S	5/6	27.500		English
	UK	PBS America	TV	DVB-S	5/6	27.500		English
	UK	BT Sport 2	TV	DVB-S	5/6	27.500	Videoguard	English
	UK	CBS Reality UK +1	TV	DVB-S	5/6	27.500		English
	UK	BT Sport ESPN	TV	DVB-S	5/6	27.500	Videoguard	English
	UK	Horror Channel UK +1	TV	DVB-S	5/6	27.500		English
	UK	BT Sport mosaic	TV	DVB-S	5/6	27.500	Videoguard	English
	UK	S4C	TV	DVB-S	5/6	Y 27.500		"Welsh,English"

EUTELSAT 28G

11.224	V Europe Ku	Sky UK	package	DVB-S2	2/3	23.000		
	Europe Ku	NHK World Japan	TV	DVB-S2	2/3	23.000		English
	Europe Ku	RT UK	TV	DVB-S2	2/3	23.000		English
	Europe Ku	Arirang World	TV	DVB-S2	2/3	23.000		English
	Europe Ku	CGTN	TV	DVB-S2	2/3	23.000		English
11.264	H Europe Ku	Sky UK	package	DVB-S	2/3	27.500		
	Europe Ku	Sky UK	package	DVB-S	2/3	27.500		
	Europe Ku	NickToons UK	TV	DVB-S	2/3	27.500	Videoguard	English
	Europe Ku	Phoenix CNE	TV	DVB-S	2/3	27.500		"English,Chinese"
	Europe Ku	Zee TV UK	TV	DVB-S	2/3	27.500	Videoguard	Hindi
	Europe Ku	Islam Channel Urdu	TV	DVB-S	2/3	27.500		Urdu
	Europe Ku	Nick Jr UK	TV	DVB-S	2/3	27.500	Videoguard	English
	Europe Ku	Nickelodeon UK	TV	DVB-S	2/3	Y 27.500	Videoguard	English
	Europe Ku	4Music	TV	DVB-S	2/3	Y 27.500	Videoguard	English
	Europe Ku	TBN UK	TV	DVB-S	2/3	27.500		English
	Europe Ku	Magic TV	TV	DVB-S	2/3	Y 27.500		English
	Europe Ku	Smithsonian Channel UK	TV	DVB-S	2/3	27.500		English
	Europe Ku	Revelation TV	TV	DVB-S	2/3	27.500		English
	Europe Ku	The Box UK	TV	DVB-S	2/3	Y 27.500		English
	Europe Ku	Box Hits	TV	DVB-S	2/3	Y 27.500		English
	Europe Ku	Abu Dhabi TV Europe	TV	DVB-S	2/3	27.500		Arabic
	Europe Ku	EWTN Europe	TV	DVB-S	2/3	27.500		English
	Europe Ku	Kiss TV	TV	DVB-S	2/3	Y 27.500		English
	Europe Ku	Kerrang!	TV	DVB-S	2/3	Y 27.500		English
	Europe Ku	EWTN Radio Britain & Ireland	radio	DVB-S	2/3	27.500		English
11.582	H Europe Ku	Sky UK	package	DVB-S	5/6	22.000		
	Europe Ku	Sony Max UK	TV	DVB-S	5/6	Y 22.000	Videoguard	Hindi
	Europe Ku	Colors Rishtey Europe	TV	DVB-S	5/6	22.000	Videoguard	Hindi
	Europe Ku	Foodxp	TV	DVB-S	5/6	22.000		Hindi
	Europe Ku	Colors	TV	DVB-S	5/6	22.000	Videoguard	Hindi
	Europe Ku	Kanshi TV	TV	DVB-S	5/6	22.000		
	Europe Ku	Now 70's	TV	DVB-S	5/6	22.000		English
	Europe Ku	Star Plus UK	TV	DVB-S	5/6	22.000	Videoguard	Hindi
	Europe Ku	Babestation	TV	DVB-S	5/6	22.000		English
	Europe Ku	Star Gold UK	TV	DVB-S	5/6	22.000	Videoguard	Hindi
	Europe Ku	Eman Channel	TV	DVB-S	5/6	22.000		English
	Europe Ku	Colors Cineplex	TV	DVB-S	5/6	22.000	Videoguard	Hindi

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe Ku	Aljazeera English	TV	DVB-S	5/6	22.000		English
	Europe Ku	Star Bharat UK	TV	DVB-S	5/6	22.000	Videoguard	Hindi
	Europe Ku	Panjab Radio	radio	DVB-S	5/6	22.000		Panjabi
	Europe Ku	Sukh Sagar Radio	radio	DVB-S	5/6	22.000		Panjabi
	Europe Ku	BFBS UK	radio	DVB-S	5/6	22.000		English
	Europe Ku	LBC	radio	DVB-S	5/6	22.000		English
	Europe Ku	Heart 106.2 London	radio	DVB-S	5/6	22.000		English
	Europe Ku	Heart 80s	radio	DVB-S	5/6	22.000		English
	Europe Ku	Kiss FM	radio	DVB-S	5/6	22.000		English
	Europe Ku	Magic 105.4	radio	DVB-S	5/6	22.000		English
	Europe Ku	Absolute Radio	radio	DVB-S	5/6	22.000		English
	Europe Ku	Absolute Radio 80s	radio	DVB-S	5/6	22.000		English
	Europe Ku	Absolute Radio 90s	radio	DVB-S	5/6	22.000		English
	Europe Ku	Absolute Radio Classic Rock	radio	DVB-S	5/6	22.000		English
11.597	V Europe Ku	Sky UK	package	DVB-S	5/6	22.000		
	Europe Ku	Studio 66 TV 1	TV	DVB-S	5/6	22.000		English
	Europe Ku	Channels 24	TV	DVB-S	5/6	22.000		English
	Europe Ku	TJC	TV	DVB-S	5/6	22.000		English
	Europe Ku	Channel 7	TV	DVB-S	5/6	22.000		English
	Europe Ku	Thane	TV	DVB-S	5/6	22.000		English
	Europe Ku	Craft Extra	TV	DVB-S	5/6	22.000		English
	Europe Ku	Hum Masala UK	TV	DVB-S	5/6	22.000		Urdu
	Europe Ku	Now 80's	TV	DVB-S	5/6	22.000		English
	Europe Ku	Ideal Extra	TV	DVB-S	5/6	22.000		English
	Europe Ku	Takbeer TV	TV	DVB-S	5/6	22.000		Arabic
	Europe Ku	SBN International	TV	DVB-S	5/6	22.000		"English,Spanish"
	Europe Ku	Hum News	TV	DVB-S	5/6	22.000		Urdu
	Europe Ku	Sky Sports Racing UK	TV	DVB-S	5/6	22.000	Videoguard	English
	Europe Ku	Psychic Today	TV	DVB-S	5/6	22.000		English
11.627	V Europe Ku	Sky UK	package	DVB-S	5/6	22.000	Videoguard	
	Europe Ku	MTV Rocks UK	TV	DVB-S	5/6	22.000	Videoguard	English
	Europe Ku	MTV UK	TV	DVB-S	5/6	22.000	Videoguard	English
	Europe Ku	MTV UK +1	TV	DVB-S	5/6	22.000	Videoguard	English
	Europe Ku	MTV Hits UK	TV	DVB-S	5/6	22.000	Videoguard	English
	Europe Ku	MTV Base UK	TV	DVB-S	5/6	22.000	Videoguard	English
	Europe Ku	MTV Classic UK	TV	DVB-S	5/6	22.000	Videoguard	English
	Europe Ku	MTV OMG	TV	DVB-S	5/6	22.000	Videoguard	English
	Europe Ku	MTV Ireland	TV	DVB-S	5/6	Y 22.000	Videoguard	English
	Europe Ku	MTV Music UK	TV	DVB-S	5/6	22.000	Videoguard	English
	Europe Ku	MTV Music UK +1	TV	DVB-S	5/6	22.000	Videoguard	English
	Europe Ku	Comedy Central Extra UK	TV	DVB-S	5/6	22.000	Videoguard	English
11.641	H Europe Ku	Sky UK	package	DVB-S2	2/3	23.000	Videoguard	
	Europe Ku	Virgin Media Sport	TV	DVB-S2	2/3	23.000	Videoguard	English
11.656	V Europe Ku	Sky UK	package	DVB-S	5/6	22.000	Videoguard	
	Europe Ku	Akaal Channel UK	TV	DVB-S	5/6	22.000		English
	Europe Ku	Abu Dhabi TV Europe	TV	DVB-S	5/6	22.000		Arabic
11.671	H Europe Ku	Sky UK	package	DVB-S2	2/3	23.000		
	Europe Ku	Ideal World	TV	DVB-S2	2/3	23.000		English
	Europe Ku	Create and Craft	TV	DVB-S2	2/3	23.000		English
	Europe Ku	Iran International	TV	DVB-S2	2/3	23.000		Farsi
	Europe Ku	Loveworld TV	TV	DVB-S2	2/3	23.000		English
	Europe Ku	CNN International Europe	TV	DVB-S2	2/3	23.000		English
11.686	V Europe Ku	Sky UK	package	DVB-S2	2/3	23.000		
	Europe Ku	Colors	TV	DVB-S2	2/3	23.000	Videoguard	Hindi
	Europe Ku	Daystar TV	TV	DVB-S2	2/3	23.000		English
	Europe Ku	Record TV Reino Unido	TV	DVB-S2	2/3	23.000		Portuguese
	Europe Ku	Bloomberg TV UK	TV	DVB-S2	2/3	23.000		English

EUTELSAT 36B

11.212	H Eurasia	GeoSat	package	DVB-S2	3/5	14.400		
	Eurasia	1 TV Ganatleba	TV	DVB-S2	3/5	14.400		Georgian
	Eurasia	Rustavi 2	TV	DVB-S2	3/5	14.400		Georgian
	Eurasia	Comedy TV	TV	DVB-S2	3/5	14.400		Georgian
	Eurasia	Marao TV	TV	DVB-S2	3/5	14.400		Georgian
	Eurasia	1 TV	TV	DVB-S2	3/5	14.400		Georgian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Eurasia	Green Wave FM	radio	DVB-S2	3/5	14.400		Georgian
	Eurasia	Georgia Radio	radio	DVB-S2	3/5	14.400		Georgian
	Eurasia	Radio Maestro	radio	DVB-S2	3/5	14.400		Georgian
11.221	V South Africa	Zap	package	DVB-S2	5/6	30.000	Nagravision	
	South Africa	TVCine Action	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	TVCine Edition	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	TVCine Emotion	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	CCTV 4 Europe	TV	DVB-S2	5/6	30.000	Nagravision	Chinese
	South Africa	FightBox HD	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	RTP Internacional Europa	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	SIC Radical	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	RFM TV	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	NBA TV	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Extreme Sports Channel	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Fine Living	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Gametoon	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Bloomberg TV Africa	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	BBC World News Africa	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Disney Junior Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Trace Brazuca	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Nautical Channel	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	STV Noticias	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	FashionBox HD	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	WooHoo	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Fast & FunBox HD	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	TVI Ficção	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Kiss TV	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Stingray IConcerts	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	TVCine Top	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
11.230	H Eurasia	GeoSat	package	DVB-S2	3/5	15.000		
	Eurasia	Imedi TV	TV	DVB-S2	3/5	15.000		Georgian
	Eurasia	GDS TV	TV	DVB-S2	3/5	15.000		Georgian
	Eurasia	Rustavi 2	TV	DVB-S2	3/5	15.000		Georgian
	Eurasia	Marao TV	TV	DVB-S2	3/5	15.000		Georgian
	Eurasia	Comedy TV	TV	DVB-S2	3/5	15.000		Georgian
	Eurasia	Maestro	TV	DVB-S2	3/5	15.000		Georgian
	Eurasia	Palitra News	TV	DVB-S2	3/5	15.000		Georgian
	Eurasia	Pos TV	TV	DVB-S2	3/5	15.000		Georgian
	Eurasia	Formula	TV	DVB-S2	3/5	15.000		Georgian
11.263	V South Africa	Zap	package	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Food Network EMEA	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Canal Panda Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Biggs	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Afro Music Channel	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Stingray CMusic	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Baby TV Europe	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	CGTN	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	DocuBox HD	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Soico TV	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Box Hits	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	TVI Internacional	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Fox Life Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	ESPN Africa	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Fox Movies Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Fox Comedy Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Aljazeera Channel	TV	DVB-S2	5/6	30.000	Nagravision	Arabic
	South Africa	Blaze Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	História Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Rossiya 24	TV	DVB-S2	5/6	30.000	Nagravision	Russian
	South Africa	Syfy Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	TVE Internacional Europa	TV	DVB-S2	5/6	30.000	Nagravision	Spanish
	South Africa	Luxe TV	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	MyZen Nature	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	MyZen Music	TV	DVB-S2	5/6	30.000	Nagravision	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	South Africa	NBA TV	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Odisseia	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Viva	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
11.304	V	South Africa	Zap	package	DVB-S2	5/6	30.000	Nagravision
	South Africa	Ushuaia TV	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	LCI	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	TV Globo Internacional África	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	France Ô promo	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	France 2	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	France 3	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	France 5	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	Outdoor Channel International	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Motorvision TV	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	A Bola TV	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Fight Network	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	SIC K	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Novelas	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	EuroNews Português	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Live	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Sport TV África 1	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	TV Séries	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Fox Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Benfica TV	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Be Kuduro	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Globo On	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	CM TV	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Colors Cineplex	TV	DVB-S2	5/6	30.000	Nagravision	Hindi
	South Africa	La Liga na Zap	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Rock	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Trance	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Reggae	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap 80's	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap 90's	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Dance Clubbin	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Hip Hop	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Pop	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Afro Beat	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Blues	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Jazz	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Easy Listening	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap The Chill Lounge	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Classic Music	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
11.346	H	Eurasia	Vivacom TV	package	DVB-S2	3/4	30.000	Irdeto
	South Africa	Zap	package	DVB-S2	5/6	30.000	Nagravision	
	Eurasia	Nat Geo Wild Europe	TV	DVB-S2	3/4	30.000	Irdeto	"English,Czech,Russian, Hebrew"
	South Africa	SIC Mulher	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	Eurasia	BNT 4	TV	DVB-S2	3/4	30.000		Bulgarian
	South Africa	SIC Caras	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	24 Kitchen Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	Eurasia	Fox Greece	TV	DVB-S2	3/4	30.000	Irdeto	"Greek,English"
	Eurasia	Fox Life Greece	TV	DVB-S2	3/4	30.000	Irdeto	"Greek,English"
	South Africa	RTR Planeta	TV	DVB-S2	5/6	30.000	Nagravision	Russian
	Eurasia	National Geographic Ellada	TV	DVB-S2	3/4	30.000	Irdeto	English
	South Africa	RTP África	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	Eurasia	Disney XD Hellas	TV	DVB-S2	3/4	30.000	Irdeto	"English,Greek"
	South Africa	RTP 3	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	Eurasia	Rybalka i Okhota	TV	DVB-S2	3/4	30.000	Irdeto	Russian
	South Africa	TVI 24 África	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Colors	TV	DVB-S2	5/6	30.000	Nagravision	Hindi
	Eurasia	Pyatnitsa! International	TV	DVB-S2	3/4	30.000	Irdeto	Russian
	South Africa	Sporting TV	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	Eurasia	TNT International	TV	DVB-S2	3/4	30.000	Irdeto	Russian
	South Africa	Canal 24 Horas	TV	DVB-S2	5/6	30.000	Nagravision	Spanish
	Eurasia	TNT 4 International	TV	DVB-S2	3/4	30.000	Irdeto	Russian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	South Africa	MCM Top	TV	DVB-S2	5/6	30.000	Nagravision	French
	Eurasia	TV 3 International	TV	DVB-S2	3/4	30.000	Irdeto	Russian
	South Africa	Afro Music Angola	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Band Internacional	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Live	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Cubavisión Internacional	TV	DVB-S2	5/6	30.000	Nagravision	Spanish
	South Africa	La Liga na Zap	TV	DVB-S2	5/6	30.000	Nagravision	Spanish
	South Africa	Fox Life Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	France 24 Français	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	The Box Africa	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Sport TV África 1	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Stingray Classica	TV	DVB-S2	5/6	30.000	Nagravision	English
11.387	V	South Africa	Zap	package	DVB-S2	5/6	30.000	Nagravision
	South Africa	AXN Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	TLN Network	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Canal Hollywood Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Travel Channel Europe	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Tiji	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	RT News	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Band News	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Novelas	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Disney Channel Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Nat Geo Wild South Africa	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	Rai Italia Africa	TV	DVB-S2	5/6	30.000	Nagravision	Italian
	South Africa	Aljazeera English	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	AXN Dublado	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Fox Crime Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Porto Canal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	ESPN 2 Africa	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	+Hits Africa	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Blast	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	National Geographic Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Fashion TV HD Europe	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	AXN Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	TV Globo Internacional África	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Fox Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
11.429	V	South Africa	Zap	package	DVB-S2	5/6	30.000	Nagravision
	South Africa	Canal Programação	TV	DVB-S2	5/6	30.000		Portuguese
	South Africa	TPA 1	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	TPA 2	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	TIM	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Gloom Channel	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	TV Zimbo	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap promo	TV	DVB-S2	5/6	30.000		Portuguese
	South Africa	TVM	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Africanews	TV	DVB-S2	5/6	30.000	Nagravision	English
	South Africa	TV Sucesso	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Digital Congo TV	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	Zap Filmes 3	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Filmes HD	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	TPA Internacional	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Zap Filmes 2	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	RTNC	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	Télé 50	TV	DVB-S2	5/6	30.000	Nagravision	French
	South Africa	TVM Internacional	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	TVM Telescola	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Rádio Mais	radio	DVB-S2	5/6	30.000		Portuguese
	South Africa	Radio Cazenga	radio	DVB-S2	5/6	30.000		Portuguese
	South Africa	Rádio Luanda	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Rádio Ecclesia	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	FM Estéreo	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Luanda Antena Comercial	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Rádio Cinco	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Canal A	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	South Africa	Rádio Viana	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
	South Africa	Rádio Escola	radio	DVB-S2	5/6	30.000	Nagravision	Portuguese
11.474	V South Africa	DSTV Africa	package	DVB-S	5/6	30.000	Irdeto	
	South Africa	AXN Portugal	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	TPA 1	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	TPA 2	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	Canal Panda Portugal	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	TVM	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	Disney Channel Portugal	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	Cartoon Network Portugal	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	TVM Internacional	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	Fé TV	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	Soico TV	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	Antena Nacional	radio	DVB-S	5/6	30.000	Irdeto	Portuguese
11.495	V Eurasia	Al Mayadeen TV	TV	DVB-S2	3/4	2.300		Arabic
11.501	V Eurasia	CNC World English	TV	DVB-S	3/4	5.786		English
11.510	V South Africa	DSTV Africa	package	DVB-S	5/6	30.000	Irdeto	
	South Africa	Fox Portugal	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	Fox Life Portugal	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	Fox Crime Portugal	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	Fox Comedy Portugal	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	TVCine Top	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	TVCine Edition	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	TVCine Emotion	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	TVCine Action	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	TV Séries	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	Banda TV	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
11.557	V South Africa	DSTV Africa	package	DVB-S	5/6	30.000	Irdeto	
	South Africa	Boomerang Portugal	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	Disney Junior Portugal	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	Biggs	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	Fox Movies Portugal	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	Trace Toca	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	Record News	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	DSTV Kids	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	TLN Network	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	Afro Music Channel	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	CM TV	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	DSTV Pipoca	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	Boom TV	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
	South Africa	Cine Mundo	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
11.586	H Eurasia	Alanbar Satellite Channel	TV	DVB-S	3/4	2.170		Arabic
11.593	V South Africa	DSTV Africa	package	DVB-S	5/6	30.000	Irdeto	
11.595	H Eurasia	Salam TV	TV	DVB-S2	5/6	1.600		Arabic
11.597	H Eurasia	Alyaum Channel	TV	DVB-S2	5/6	1.750		Arabic
11.684	V Eurasia	Syrian mux	package	DVB-S2	5/6	5.426		
	Eurasia	Syria Drama	TV	DVB-S2	5/6	5.426		Arabic
	Eurasia	Souryana TV	TV	DVB-S2	5/6	5.426		Arabic
	Eurasia	Nour El-Sham	TV	DVB-S2	5/6	5.426		Arabic
	Eurasia	Syrian Satellite Channel	TV	DVB-S2	5/6	5.426		Arabic
	Eurasia	Syrian Educational TV	TV	DVB-S2	5/6	5.426		Arabic
	Eurasia	Radio Damascus	radio	DVB-S2	5/6	5.426		
11.727	V Sub-Sahara Africa	DSTV Africa	package	DVB-S2	2/3	27.500	Irdeto	
	Russia	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Centralnoe TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport 6 Africa	TV	DVB-S2	2/3	27.500	Irdeto	English
	Sub-Sahara Africa	M-Net West	TV	DVB-S2	2/3	27.500	Irdeto	English
	Russia	Nashe TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Paramount Comedy Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport 3 Africa	TV	DVB-S2	2/3	27.500	Irdeto	English
	Sub-Sahara Africa	M-Net Movies Premiere Africa East	TV	DVB-S2	2/3	27.500	Irdeto	English

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Russia	Nashe Novoe Kino	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Auto Plus	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport 3 Angola	TV	DVB-S2	2/3		27.500	Irdeto	Portuguese
	Russia	Nauka	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport 2 Africa	TV	DVB-S2	2/3		27.500	Irdeto	English
	Russia	Mult i muzyka	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport 7 Africa	TV	DVB-S2	2/3		27.500	Irdeto	English
	Russia	Sarafan	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport 6 Angola	TV	DVB-S2	2/3		27.500	Irdeto	Portuguese
	Russia	Sankt Peterburg	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport 7 Angola	TV	DVB-S2	2/3		27.500	Irdeto	Portuguese
	Russia	Rodnoe Kino	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport 6 Nigeria	TV	DVB-S2	2/3		27.500	Irdeto	English
	Russia	MTV Rocks	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	English
	Sub-Sahara Africa	SuperSport 2 Nigeria	TV	DVB-S2	2/3		27.500	Irdeto	English
	Russia	STS Love	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport 2 Angola	TV	DVB-S2	2/3		27.500	Irdeto	Portuguese
	Russia	MTV Hits	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	English
	Russia	VH1 Europe	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	TNT Music	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Europa Plus TV	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Vremya	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Russkiy Roman	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	TV 5 Monde Europe	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	French
	Russia	Match! Strana	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Kinomiks	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Bridge TV Hits	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
11.747	H Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4		27.500	Irdeto	
	Sub-Sahara Africa	M-Net Movies Action + Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	B4U Movies UK	TV	DVB-S	3/4		27.500	Irdeto	Hindi
	Sub-Sahara Africa	ITV	TV	DVB-S	3/4		27.500	Irdeto	Portuguese
	Sub-Sahara Africa	SuperSport 6 Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Vuzu	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Disney Junior South Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	CNBC Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Disney XD South Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Top TV	TV	DVB-S	3/4		27.500	Irdeto	Portuguese
	Sub-Sahara Africa	CNN International Europe	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Pearl Magic	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	SuperSport 6 Angola	TV	DVB-S	3/4		27.500	Irdeto	Portuguese
	Sub-Sahara Africa	SuperSport 6 Nigeria	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Bisrat Radio 101.1 FM	radio	DVB-S	3/4		27.500	Irdeto	Amharic
	Sub-Sahara Africa	Ahadu Radio	radio	DVB-S	3/4		27.500	Irdeto	Amharic
11.766	V Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4		27.500	Irdeto	
	Sub-Sahara Africa	Universal TV Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Studio Universal Africa	TV	DVB-S	3/4		27.500	Irdeto	English

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Sub-Sahara Africa	Investigation Discovery Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	TLC Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Comedy Central Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Discovery Channel Middle East & Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Trace Jama	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	CBeebies South Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	SET Asia	TV	DVB-S	3/4		27.500	Irdeto	Hindi
	Sub-Sahara Africa	Sony Max UK	TV	DVB-S	3/4		27.500	Irdeto	Hindi
	Sub-Sahara Africa	Nickelodeon Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Fox Africa	TV	DVB-S	3/4		27.500	Irdeto	English
11.785	H Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4		27.500	Irdeto	
	Russia	NTV Plus	package	DVB-S2	3/4		27.500	Viaccess	
	Sub-Sahara Africa	Canal + Sport 1	TV	DVB-S	3/4		27.500	Irdeto	French
	Russia	Match! Arena	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	Afro Music Pop	TV	DVB-S	3/4		27.500	Irdeto	"Portuguese,English"
	Russia	Match! Boets	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	Match! Igra	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	Trace Africa Français	TV	DVB-S	3/4		27.500	Irdeto	French
	Russia	Match! Strana	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	Nat Geo Wild South Africa	TV	DVB-S	3/4		27.500	Irdeto	"English,Portuguese"
	Russia	Match! Futbol 1	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	NickToons Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Ghana TV	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	Match! Futbol 2	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	Bloomberg TV Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	Match! Futbol 3	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	BET Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	OTR	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	Kinouzhas	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	Telekanal Doktor	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	Trace Mziki	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Soundcity Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	Telekanal Zvezda	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	Islam Channel	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	Kanal Disney	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	Lifetime South Africa	TV	DVB-S	3/4		27.500	Irdeto	English,Portuguese
	Russia	Muz TV	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	Match Premier	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	NTV	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	Telekanal 360°	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	RBK TV	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	KHL TV	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	TNT	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	U	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	Super	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	World Fashion Channel Russia	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	Shop & Show	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	TNT Music	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	Mir Basketbola	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	M-1 Global TV	TV	DVB-S2	3/4		27.500	Viaccess	Russian,English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
11.804	V Sub-Sahara Africa	DSTV Africa	package	DVB-S2	3/4	27.500	Irdeto	
	Russia	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Moya Planeta	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport 5 Africa	TV	DVB-S2	3/4	27.500	Irdeto	English
	Russia	Mama	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport 5 Angola	TV	DVB-S2	3/4	27.500	Irdeto	Portuguese
	Russia	Russkiy Bestseller	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	TV Guberniya	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Kinosvidanie	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	KHL TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	NST	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Muzhskoe Kino	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	La Minor	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Muzika Pervogo	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Bridge TV Classic	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Telecafé	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Match! Futbol 1	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Match! Futbol 2	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Match! Futbol 3	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Zhivaya Planeta	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	T24	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Russkiy Detektiv	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Nano TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Bollywood HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Sinemateka	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
11.823	H Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto	
	Russia	NTV Plus	package	DVB-S2	3/4	27.500	Viaccess	
	Sub-Sahara Africa	Canal + Sport 2 Afrique	TV	DVB-S	3/4	27.500	Irdeto	French
	Russia	Match! Futbol 2	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Sub-Sahara Africa	France 2	TV	DVB-S	3/4	27.500	Irdeto	French
	Russia	Match! Futbol 3	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	Match Premier	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Sub-Sahara Africa	TéléToon Africa	TV	DVB-S	3/4	27.500	Irdeto	French
	Russia	MTV Live HD	TV	DVB-S2	3/4	27.500	Viaccess	English
	Sub-Sahara Africa	Planète +	TV	DVB-S	3/4	27.500	Irdeto	French
	Russia	Mir Premium	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Sub-Sahara Africa	RTL 9	TV	DVB-S	3/4	27.500	Irdeto	French
	Sub-Sahara Africa	Novelas TV	TV	DVB-S	3/4	27.500	Irdeto	French
	Russia	Perviy kanal	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Sub-Sahara Africa	Canal + Cinéma Centre	TV	DVB-S	3/4	27.500	Irdeto	French
	Russia	Match! Futbol 1	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	Nickelodeon HD	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Sub-Sahara Africa	Trace Naija	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	IMPD TV Africa	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Sub-Sahara Africa	Piwi +	TV	DVB-S	3/4	27.500	Irdeto	French
	Sub-Sahara Africa	TF 1	TV	DVB-S	3/4	27.500	Irdeto	French
	Sub-Sahara Africa	SIC Internacional África	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Sub-Sahara Africa	A+	TV	DVB-S	3/4	27.500	Irdeto	French
11.843	V Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto	
	Russia	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Sub-Sahara Africa	E TV Africa	TV	DVB-S	3/4	27.500	Irdeto	English
	Russia	Mult	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Sub-Sahara Africa	Plus TV Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	DSTV Africa Dish on TV Guide	TV	DVB-S	3/4		27.500		English
	Sub-Sahara Africa	Edu Channel	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	Svoyo TV	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport 8 Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	Telekanal O!	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Poehali!	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport Máximo 360	TV	DVB-S	3/4		27.500	Irdeto	"Portuguese,English"
	Russia	Shalun	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	TBC 1	TV	DVB-S	3/4		27.500	Irdeto	
	Sub-Sahara Africa	SuperSport Máximo 2	TV	DVB-S	3/4		27.500	Irdeto	Portuguese
	Russia	Telepoisk	TV	DVB-S2	3/4		27.500		Russian
	Russia	Ekran 1 Kinozal	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	Maisha Magic East	TV	DVB-S	3/4		27.500	Irdeto	Swahili
	Russia	Ekran 2 Kinozal	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport 10 Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Africa Magic Urban	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	Ekran 3 Kinozal	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	Africa Magic Showcase Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	Ekran 4 Kinozal	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Ekran 5 Kinozal	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport 10 Nigeria	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	Ekran 6 Kinozal	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport 8 Nigeria	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	Ekran 7 Kinozal	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport 10 Angola	TV	DVB-S	3/4		27.500	Irdeto	Portuguese
	Russia	Ekran 8 Kinozal	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport Máximo 2 Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	Ekran 9 Kinozal	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	SuperSport 8 Angola	TV	DVB-S	3/4		27.500	Irdeto	Portuguese
	Russia	Ekran 10 Kinozal	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Ekran 11 Kinozal	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Ekran 12 Kinozal	TV	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
11.862	H Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4		27.500	Irdeto	
	Russia	NTV Plus	package	DVB-S2	3/4		27.500	Viaccess	
	Russia	Fashion One 4K	TV	DVB-S2	3/4		27.500	Viaccess	English
	Sub-Sahara Africa	TV E	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Citizen TV	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	Home 4K	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	Stingray Festival 4K	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	SuperSport Play	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Africa Magic Igbo	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Ogun State TV	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	1 Magic Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Zee TV Africa	TV	DVB-S	3/4		27.500	Irdeto	Hindi
	Sub-Sahara Africa	Maisha Magic Bongo	TV	DVB-S	3/4		27.500	Irdeto	Swahili
	Sub-Sahara Africa	Zee World	TV	DVB-S	3/4		27.500	Irdeto	"English,Portuguese"

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
11.881	Sub-Sahara Africa	M-Net Movies Zone	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto	
	Russia	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Perviy kanal	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	TV Zimbo	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Sub-Sahara Africa	Mindset Learn	TV	DVB-S	3/4	27.500	Irdeto	English
	Russia	Rossiya 1	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Match!	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	TBN Africa	TV	DVB-S	3/4	27.500	Irdeto	English
	Russia	NTV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	Urban TV	TV	DVB-S	3/4	27.500	Irdeto	French
	Russia	5 Kanal	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	TNT Africa	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	Africanews	TV	DVB-S	3/4	27.500	Irdeto	English
	Russia	Rossiya K	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	Media Mais TV	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Russia	Rossiya 24	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	DMX Symphonic	radio	DVB-S	3/4	27.500	Irdeto	
	Russia	Karusel	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	DMX Chamber Music	radio	DVB-S	3/4	27.500	Irdeto	
	Russia	OTR	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	DMX Arias & Overtures	radio	DVB-S	3/4	27.500	Irdeto	
	Russia	TV Centr	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	DMX Light Classical	radio	DVB-S	3/4	27.500	Irdeto	
	Russia	REN TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	DMX Beautiful Instrumentals	radio	DVB-S	3/4	27.500	Irdeto	
	Russia	Telekanal Spas	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	DMX Contemporary Instrumentals	radio	DVB-S	3/4	27.500	Irdeto	
	Russia	STS	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	DMX The Light	radio	DVB-S	3/4	27.500	Irdeto	
	Russia	Domashniy	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	DMX Classic Rock	radio	DVB-S	3/4	27.500	Irdeto	
Russia	TV 3	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian	
Sub-Sahara Africa	DMX House Party	radio	DVB-S	3/4	27.500	Irdeto		
Russia	Pyatnitsa!	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian	
Sub-Sahara Africa	DMX Dance	radio	DVB-S	3/4	27.500	Irdeto		
Russia	Telekanal Zvezda	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian	
Sub-Sahara Africa	DMX Y2K Hits	radio	DVB-S	3/4	27.500	Irdeto		
Russia	Mir	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian	
Sub-Sahara Africa	DMX Campus Rock	radio	DVB-S	3/4	27.500	Irdeto		
Russia	TNT	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian	
Sub-Sahara Africa	DMX Hard Rock	radio	DVB-S	3/4	27.500	Irdeto		
Russia	Muz TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian	
Sub-Sahara Africa	DMX Alternative Rock	radio	DVB-S	3/4	27.500	Irdeto		
Sub-Sahara Africa	DMX Today's Hits	radio	DVB-S	3/4	27.500	Irdeto		
Russia	Radio Rossii	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian	
Sub-Sahara Africa	DMX Power Hits	radio	DVB-S	3/4	27.500	Irdeto		
Russia	Radio Mayak	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Sub-Sahara Africa	DMX Urban Beat	radio	DVB-S	3/4	27.500	Irdeto	
	Russia	Vesti FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	DMX Golden Oldies	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX 90's Hits	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX 70's Hits	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX 80's Hits	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX Classic R&B	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX Love Songs	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX Soft Hits	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX Familiar Favourites	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX Adult Contemporary	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX Urban Adult Contemporary	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX Smooth Jazz	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX Classic Jazz	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX Groove Lounge	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX Cityscapes	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX Blues	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX African Rhythms	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX Trots Afrikaans	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX Reggae	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX Traditional Country	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX Gospel	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX Italian Contemporary	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX Metro Blend	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX French Contemporary	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	DMX Modern Country	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	BBC World Service English	radio	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	BBC World Service en Français	radio	DVB-S	3/4	27.500	Irdeto	French
	Sub-Sahara Africa	BBC World Service Africa	radio	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	Cii Radio	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	TransAfrica Radio	radio	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	VoA Southern Africa	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	WRN English Africa & Middle East	radio	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	Citi FM	radio	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	Fana FM	radio	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	Hot 96	radio	DVB-S	3/4	27.500	Irdeto	English
11.900	H Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto	
	Russia	NTV Plus	package	DVB-S2	3/4	27.500	Viaccess	
	Sub-Sahara Africa	CBS Reality Africa	TV	DVB-S	3/4	27.500	Irdeto	"Portuguese,English"
	Russia	Da Vinci	TV	DVB-S2	3/4	27.500	Viaccess	Russian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Sub-Sahara Africa	SuperSport 5 Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	TV 1000 East	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	Cartoon Network Middle East & Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	TV 1000 Action	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	National Geographic South Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	TV 1000 Russkoe Kino	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	Africa Magic Epic	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	Viasat Explore Russia	TV	DVB-S2	3/4		27.500	Viaccess	"Russian,English"
	Sub-Sahara Africa	SuperSport Blitz Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	Viasat History	TV	DVB-S2	3/4		27.500	Viaccess	"Russian,English"
	Sub-Sahara Africa	SuperSport 7 Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	Viasat Nature East	TV	DVB-S2	3/4		27.500	Viaccess	"Russian,English"
	Sub-Sahara Africa	Sky News International	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	Viasat Sport East	TV	DVB-S2	3/4		27.500	Viaccess	"Russian,English"
	Russia	Extreme Sports Channel	TV	DVB-S2	3/4		27.500	Viaccess	"Russian,English"
	Sub-Sahara Africa	STN	TV	DVB-S	3/4		27.500	Irdeto	Somali
	Sub-Sahara Africa	SuperSport 4 Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	Tochka Otryva	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	Africa Magic Yoruba	TV	DVB-S	3/4		27.500	Irdeto	
	Russia	Perviy Obrazovatelnyy	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	Africa Magic Hausa	TV	DVB-S	3/4		27.500	Irdeto	Hausa
	Russia	Domashnie Zhivotnyye	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	SuperSport 4 Nigeria	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	Usadba	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	EuroNews Russkiy	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	SuperSport Blitz Nigeria	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	Fox Russia	TV	DVB-S2	3/4		27.500	Viaccess	"Russian,English"
	Sub-Sahara Africa	SuperSport Blitz Angola	TV	DVB-S	3/4		27.500	Irdeto	Portuguese
	Russia	Nat Geo Wild Russia	TV	DVB-S2	3/4		27.500	Viaccess	"Russian,English"
	Sub-Sahara Africa	SuperSport 4 Angola	TV	DVB-S	3/4		27.500	Irdeto	Portuguese
	Russia	Armenia TV Satellite	TV	DVB-S2	3/4		27.500	Viaccess	Armenian
	Sub-Sahara Africa	SuperSport 5 Angola	TV	DVB-S	3/4		27.500	Irdeto	Portuguese
	Russia	Paramount Comedy Russia	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	SuperSport 7 Angola	TV	DVB-S	3/4		27.500	Irdeto	Portuguese
	Russia	Mama	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	Paramount Channel Russia	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	Ocean TV	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	CCTV 4 Europe	TV	DVB-S2	3/4		27.500	Viaccess	Chinese
	Russia	CGTN	TV	DVB-S2	3/4		27.500	Viaccess	English
	Russia	CGTN Russkij	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	Mezzo	TV	DVB-S2	3/4		27.500	Viaccess	French
	Russia	Bashkirskoe Sputnikovoe TV	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	Pervyy Vegetarianskiy	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	CNN International Europe	TV	DVB-S2	3/4		27.500	Viaccess	English
	Russia	Humor FM	radio	DVB-S2	3/4		27.500		Russian
	Russia	Radio Dlya Dvoih	radio	DVB-S2	3/4		27.500		Russian
	Russia	Radio Romantika	radio	DVB-S2	3/4		27.500		Russian
	Russia	Avtoradio Moskva	radio	DVB-S2	3/4		27.500		Russian
	Russia	Radio Vanya	radio	DVB-S2	3/4		27.500		Russian
	Russia	NRJ Russia	radio	DVB-S2	3/4		27.500		Russian
	Russia	DFM	radio	DVB-S2	3/4		27.500		Russian
	Russia	Russkoe Radio	radio	DVB-S2	3/4		27.500		Russian
	Russia	Hit FM	radio	DVB-S2	3/4		27.500		Russian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Russia	Maximum 103.7 FM	radio	DVB-S2	3/4		27.500		Russian
	Russia	Business FM	radio	DVB-S2	3/4		27.500		Russian
	Russia	Militseyskaya Volna	radio	DVB-S2	3/4		27.500		Russian
	Russia	Comedy Radio	radio	DVB-S2	3/4		27.500		Russian
	Russia	Radio Komsomolskaya Pravda	radio	DVB-S2	3/4		27.500		Russian
	Russia	Relax FM	radio	DVB-S2	3/4		27.500		Russian
	Russia	Echo Moskva	radio	DVB-S2	3/4		27.500		Russian
	Russia	Radio Mir	radio	DVB-S2	3/4		27.500		Russian
	Russia	Love Radio	radio	DVB-S2	3/4		27.500		Russian
	Russia	Radio Chanson	radio	DVB-S2	3/4		27.500		Russian
	Russia	Detskoe Radio	radio	DVB-S2	3/4		27.500		Russian
11.919	V Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4		27.500	Irdeto	
	Sub-Sahara Africa	NTA News 24	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	NTA 2	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	NTA Parliament	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	EBS	TV	DVB-S	3/4		27.500	Irdeto	Amharic
	Sub-Sahara Africa	Y254	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Pop Central	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Switch TV	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Wasafi TV	TV	DVB-S	3/4		27.500	Irdeto	
	Sub-Sahara Africa	Newzroom Afrika	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Fana TV	TV	DVB-S	3/4		27.500	Irdeto	Amharic
	Sub-Sahara Africa	Kiss TV	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Wasafi FM	radio	DVB-S	3/4		27.500	Irdeto	
	Sub-Sahara Africa	EFM	radio	DVB-S	3/4		27.500	Irdeto	Swahili
	Sub-Sahara Africa	Clouds Plus	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Peace FM	radio	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	YFM	radio	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Joy FM	radio	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Starr FM	radio	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Adom FM	radio	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Kasapa FM	radio	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Magic FM	radio	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	LM Radio	radio	DVB-S	3/4		27.500	Irdeto	English
11.938	H Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4		27.500	Irdeto	
	Russia	NTV Plus	package	DVB-S2	3/4		27.500	Viaccess	
	Sub-Sahara Africa	CGTN	TV	DVB-S	3/4		27.500		English
	Russia	Fox Russia	TV	DVB-S2	3/4		27.500	Viaccess	"Russian,English"
	Sub-Sahara Africa	CCTV 4 Europe	TV	DVB-S	3/4		27.500		Chinese
	Russia	VIP Comedy	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	AIT International	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	VIP Megahit	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	Discovery Family Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	VIP Premiere	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	AMC	TV	DVB-S	3/4		27.500	Irdeto	English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Sub-Sahara Africa	BBC Lifestyle South Africa	TV	DVB-S	3/4	27.500	Irdeto	English
	Russia	Viasat Nature HD	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Sub-Sahara Africa	Boomerang EMEA	TV	DVB-S	3/4	27.500	Irdeto	English
	Russia	Viasat History HD	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	Mezzo Live HD	TV	DVB-S2	3/4	27.500	Viaccess	
	Sub-Sahara Africa	Nick Jr Africa	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	Aljazeera English	TV	DVB-S	3/4	27.500	Irdeto	English
	Russia	Eurosport 2 Rossiya	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Sub-Sahara Africa	Daystar TV	TV	DVB-S	3/4	27.500	Irdeto	English
	Russia	Hollywood HD	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Sub-Sahara Africa	MITV	TV	DVB-S	3/4	27.500	Irdeto	English
11.958	V Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	RTP África	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Sub-Sahara Africa	Record TV África	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Sub-Sahara Africa	Nickelodeon Iberia	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Sub-Sahara Africa	MTV Portugal	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Sub-Sahara Africa	National Geographic Portugal	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Sub-Sahara Africa	Amhara TV	TV	DVB-S	3/4	27.500	Irdeto	Amharic
	Sub-Sahara Africa	Telemundo Africa	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Sub-Sahara Africa	Gloom Channel	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Sub-Sahara Africa	MundoFox	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Sub-Sahara Africa	Vida TV	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Sub-Sahara Africa	SIC Notícias	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
11.977	H Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto	
	Russia	NTV Plus	package	DVB-S2	3/4	27.500	Viaccess	
	Sub-Sahara Africa	E! Europe	TV	DVB-S	3/4	27.500	Irdeto	"Portuguese,English"
	Russia	Perviy kanal	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Sub-Sahara Africa	Canal + Centre	TV	DVB-S	3/4	27.500	Irdeto	French
	Russia	NTV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Sub-Sahara Africa	E! Africa	TV	DVB-S	3/4	27.500	Irdeto	English
	Russia	TV Centr Ural	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	TNT	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Sub-Sahara Africa	TV 5 Monde Afrique	TV	DVB-S	3/4	27.500	Irdeto	French
	Russia	TV Centr	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	Bollywood HD	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Sub-Sahara Africa	IO	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Sub-Sahara Africa	BBC Brit South Africa	TV	DVB-S	3/4	27.500	Irdeto	English
	Russia	BelRos	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Sub-Sahara Africa	NDTV 24x7	TV	DVB-S	3/4	27.500	Irdeto	English
	Russia	MCM Top Russia	TV	DVB-S2	3/4	27.500	Viaccess	French
	Sub-Sahara Africa	NTA International	TV	DVB-S	3/4	27.500	Irdeto	English
	Russia	Astrakhan 24	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Sub-Sahara Africa	RTP Internacional Europa	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Sub-Sahara Africa	Eva +	TV	DVB-S	3/4	27.500	Irdeto	"English,Portuguese"
	Russia	Outdoor Channel International	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Russia	Ru TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Russia	Travel Channel Europe	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Russia	RT Documentary	TV	DVB-S2	3/4	27.500	Viaccess	English
	Sub-Sahara Africa	Radio France Internationale	radio	DVB-S	3/4	27.500	Irdeto	French
	Russia	RT News	TV	DVB-S2	3/4	27.500	Viaccess	English
	Russia	RTG TV	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English,Turkish"
	Russia	Juvelirochka	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	Bridge TV Hits	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	Gulli Girl	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	TNT 4	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	Bridge TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	Bridge TV Russkiy Hit	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	Mir 24	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	Perviy Meteo	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	Telekanal 2x2	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	Moskva 24	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	Sankt Peterburg	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	Nashe TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	Prosveshenie	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	Sovershenno Sekretno TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
11.996	V Sub-Sahara Africa	DSTV Africa	package	DVB-S2	3/4	27.500	Irdeto	
	Russia	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Sub-Sahara Africa	Discovery Channel Middle East & Africa	TV	DVB-S2	3/4	27.500	Irdeto	English
	Russia	Rossiya 1	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Karusel	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	Record TV África	TV	DVB-S2	3/4	27.500	Irdeto	Portuguese
	Russia	5 Kanal	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	TVCine Top	TV	DVB-S2	3/4	27.500	Irdeto	Portuguese
	Sub-Sahara Africa	AXN Portugal	TV	DVB-S2	3/4	27.500	Irdeto	Portuguese
	Russia	Rossiya K	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	NTV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	Studio Universal Africa	TV	DVB-S2	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	Cine Mundo	TV	DVB-S2	3/4	27.500	Irdeto	Portuguese
	Russia	TNT	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Sub-Sahara Africa	Banda TV	TV	DVB-S2	3/4	27.500	Irdeto	Portuguese
	Russia	STS	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Radost Moya	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Kanal Disney	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Detski Mir	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Cartoon Network Russia & South East Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Boomerang Central & Eastern Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Detskiy	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Tiji Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Gulli Girl	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	JimJam Rossiya	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Perviy kanal	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Grad Petrov	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Hit FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Chuvash Radio	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Russkoe Radio	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Russkiy Hit	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Vanya	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Comedy Radio	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Chanson	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Detskoe Radio	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	DFM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Maximum 103.7 FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Rodnyh Dorog	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Russia	Strana FM	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Kultura	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Iskatel	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Dacha	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Radonezh	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Novoe Radio	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Taxi FM	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Dorognoe Radio	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Retro FM Rossiya	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Europa Plus	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Dlya Dvoih	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Radio 7	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Modnoe Radio	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Mir	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Komsomolskaya Pravda	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Roks	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Record	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Radio 107	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Orfey	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Love Radio	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Zvezda	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Humor FM	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	NRJ Russia	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Radio Romantika	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
	Russia	Avtoradio Moskva	radio	DVB-S2	3/4		27.500	Exset/DRE-Crypt	Russian
12.015	H Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4		27.500	Irdeto	
	Russia	NTV Plus	package	DVB-S2	3/4		27.500	Viaccess	
	Sub-Sahara Africa	JimJam Europe	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	NTV	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	EuroNews English	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	InfoSport +	TV	DVB-S	3/4		27.500	Irdeto	French
	Russia	Konny Mir	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	EuroNews Français	TV	DVB-S	3/4		27.500	Irdeto	French
	Russia	Match!	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Russia	Dom Kino Premium	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	Rai Italia Africa	TV	DVB-S	3/4		27.500	Irdeto	Italian
	Russia	Bridge TV Deluxe	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	Emmanuel TV	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Hip TV	TV	DVB-S	3/4		27.500	Irdeto	English
	Russia	TNT	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Sub-Sahara Africa	EuroNews Deutsch	TV	DVB-S	3/4		27.500	Irdeto	German
	Sub-Sahara Africa	Eva	TV	DVB-S	3/4		27.500	Irdeto	"English,Portuguese"
	Sub-Sahara Africa	EuroNews Português	TV	DVB-S	3/4		27.500	Irdeto	Portuguese
	Sub-Sahara Africa	CBS Justice Africa	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Spice	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Radio Okapi	radio	DVB-S	3/4		27.500		French
12.034	V Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4		27.500	Irdeto	
	Sub-Sahara Africa	JimJam Europe	TV	DVB-S	3/4		27.500	Irdeto	Portuguese
	Sub-Sahara Africa	CNC World English	TV	DVB-S	3/4		27.500	Irdeto	English
	Sub-Sahara Africa	Sunna TV	TV	DVB-S	3/4		27.500	Irdeto	Arabic
	Sub-Sahara Africa	ETV	TV	DVB-S	3/4		27.500	Irdeto	Amharic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Sub-Sahara Africa	Telemundo Africa	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	Real Time Africa	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	Da Vinci	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	PBS Kids	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	France 24 Français	TV	DVB-S	3/4	27.500	Irdeto	French
	Sub-Sahara Africa	EWTN Africa - Asia	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	CGTN Documentary	TV	DVB-S	3/4	27.500		English
	Sub-Sahara Africa	Lumen Christi TV Network	TV	DVB-S	3/4	27.500	Irdeto	English
12.054	H Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	M-Net East	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	M-Net Movies All Stars	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	SuperSport 2 Africa	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	BBC World News Africa	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	MTV Base Africa	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	M-Net Movies Action Africa	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	MTV Africa	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	SuperSport 9 Africa	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	Disney Channel South Africa	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	Zambezi Magic	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	SuperSport 2 Nigeria	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	SuperSport 9 Nigeria	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	SuperSport 2 Angola	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Sub-Sahara Africa	SuperSport 9 Angola	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
12.073	V Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	Palanca TV	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Sub-Sahara Africa	Gh One	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	Adom TV	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	CGTN Français	TV	DVB-S	3/4	27.500		French
	Sub-Sahara Africa	Joy Prime	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	NBS TV	TV	DVB-S	3/4	27.500	Irdeto	Swahili
	Sub-Sahara Africa	United TV	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	TV 3	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	StarLife	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	Lagos TV	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	Dove TV	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	Joy News	TV	DVB-S	3/4	27.500	Irdeto	English
12.149	L Russia	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Moskva 24	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Pobeda	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Ryzhiy	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Kinopokaz	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian

Freq	Beam		Analog	Diff	Fec	Symb of Rate	Acces	Lang
	Russia	Zagorodny	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Kanal Teleputeshestviya	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Zdorovye	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Zoo TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Ryzhiy	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	EuroNews Russkiy	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Vmeste RF	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Bridge TV Russkiy Hit	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Bridge TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Istoriya Telekanal	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Shanson TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Russia	Nash Kinoroman	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
12.245	H Sub-Sahara Africa	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto	
	Sub-Sahara Africa	M-Net West	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	M-Net Movies Premiere Africa East	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	SuperSport 1 Africa	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	SuperSport 3 Africa	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	Maisha Magic Plus	TV	DVB-S	3/4	27.500	Irdeto	Swahili
	Sub-Sahara Africa	SuperSport Máximo 1	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Sub-Sahara Africa	SABC News	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	M-Net City	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	Africa Magic Family	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	Faith Africa	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	SuperSport 3 Angola	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Sub-Sahara Africa	SuperSport 1 Nigeria	TV	DVB-S	3/4	27.500	Irdeto	English
	Sub-Sahara Africa	TV Miramar	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Sub-Sahara Africa	SuperSport 1 Angola	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
12.510	H Eurasia	unknown	package	DVB-S2	3/4	3.333		
	Eurasia	Karbala Satellite Channel	TV	DVB-S2	3/4	3.333		Arabic
	Eurasia	Alquran	TV	DVB-S2	3/4	3.333		Arabic
12.520	V Eurasia	Almasar Satellite Channel	TV	DVB-S2	5/6	1.428		Arabic
12.571	H Eurasia	Assirat TV	TV	DVB-S2	5/6	1.110		Arabic
12.716	V Eurasia	Iraq Educational Channel	TV	DVB-S2	5/6	1.400		Arabic
12.744	H Eurasia	Asia Network TV	TV	DVB-S2	5/6	1.852	BISS	Arabic

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11.747	R Fixed 1	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Perviy Yaroslavskiy	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Feniks+Kino	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Oruzhie	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	TNV Planeta	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	BelRos	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Lipetskoye Vremya	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	TRK Sever	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	NTV Hit	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Mir 24	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Luxury	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Telekanal 360°	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Volgograd 24	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Bashkirskoe Sputnikovoe TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Osetiya-Iryston	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Nika TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Yamal TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Kuban 24 Orbita	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Chuvash En	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Fixed 1	Shop & Show	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Mir Belogorya TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Don 24	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Oblastnoe TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
12.073	L Fixed 1	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	NTV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Planeta HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Match! Arena	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Kinozal 1	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Kinozal 2	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Kinozal 3	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Kinozal 4	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Kinozal 5	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Kinozal 6	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Kinozal 7	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Kinozal 8	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Kinozal 9	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Kinozal 10	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Kinozal 11	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Kinozal 12	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
12.092	H Fixed 2	DSTV Africa	package	DVB-S2	2/3	27.500	Irdeto	
	Fixed 2	TLC Africa	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 2	Discovery Family Africa	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 2	Investigation Discovery Africa	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 2	TV Zimbo	TV	DVB-S2	2/3	27.500	Irdeto	Portuguese
12.111	L Fixed 1	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Izvestia TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	8 Kanal	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Nick Jr CIS	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Nickelodeon CIS	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Leomax	TV	DVB-S2	3/4	27.500		Russian
	Fixed 1	Telekanal Doktor	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Multilandia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Eda	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Shopping Live	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Top Shop TV Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	E	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Russkaya Komediya	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	TDK	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Cinéma	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Nasha Tema	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Shayan TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Marusya FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Vesna FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Vostok FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
12.130	H Fixed 2	DSTV Africa	package	DVB-S	2/3	27.500	Irdeto	
	Fixed 2	SuperSport 13 Africa	TV	DVB-S	2/3	27.500	Irdeto	English
	Fixed 2	SuperSport 11 Africa	TV	DVB-S	2/3	27.500	Irdeto	English
	Fixed 2	SuperSport 12 Africa	TV	DVB-S	2/3	27.500	Irdeto	English
	Fixed 2	SuperSport 11 Nigeria	TV	DVB-S	2/3	27.500	Irdeto	English
	Fixed 2	SuperSport 12 Nigeria	TV	DVB-S	2/3	27.500	Irdeto	English
	Fixed 2	M-Net Movies Premiere Africa West	TV	DVB-S	2/3	27.500	Irdeto	English
	Fixed 2	M-Net Movies Smile Africa	TV	DVB-S	2/3	27.500	Irdeto	English
	Fixed 2	SuperSport 11 Angola	TV	DVB-S	2/3	27.500	Irdeto	Portuguese
	Fixed 2	SuperSport 12 Angola	TV	DVB-S	2/3	27.500	Irdeto	Portuguese
	Fixed 2	WWE Network	TV	DVB-S	2/3	27.500	Irdeto	English
	Fixed 2	SuperSport 13 Nigeria	TV	DVB-S	2/3	27.500	Irdeto	English
	Fixed 2	Rádio MFM	radio	DVB-S	2/3	27.500	Irdeto	Portuguese
	Fixed 2	SuperSport 13 Angola	TV	DVB-S	2/3	27.500	Irdeto	Portuguese
	Fixed 2	Rádio Mais	radio	DVB-S	2/3	27.500	Irdeto	Portuguese
	Fixed 2	Classic 1027	radio	DVB-S	2/3	27.500	Irdeto	English
	Fixed 2	Rádio Luanda	radio	DVB-S	2/3	27.500	Irdeto	Portuguese
12.169	H Fixed 2	DSTV Africa	package	DVB-S2	2/3	27.500	Irdeto	
	Fixed 2	Africa Magic Showcase Africa	TV	DVB-S2	2/3	27.500	Irdeto	English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Fixed 2	Maisha Magic East	TV	DVB-S2	2/3	27.500	Irdeto	Swahili
	Fixed 2	SuperSport 3 Nigeria	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 2	SuperSport 7 Nigeria	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 2	SuperSport Máximo 1	TV	DVB-S2	2/3	27.500	Irdeto	Portuguese
	Fixed 2	SuperSport Máximo 2	TV	DVB-S2	2/3	27.500	Irdeto	Portuguese
	Fixed 2	SuperSport Blitz Africa	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 2	SuperSport Blitz Angola	TV	DVB-S2	2/3	27.500	Irdeto	Portuguese
	Fixed 2	SuperSport Blitz Nigeria	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 2	SuperSport Máximo 1 Africa	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 2	SuperSport Máximo 2 Africa	TV	DVB-S2	2/3	27.500	Irdeto	English
12.174	L Fixed 1	TNV Tatarstan	TV	DVB-S	3/4	4.340		Russian
	Fixed 1	Bolgar Radiosi	radio	DVB-S	3/4	4.340		Russian
12.207	H Fixed 2	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto	
	Fixed 1	NTV Plus	package	DVB-S2	3/4	27.500	Viaccess	
	Fixed 1	Eurosport 1 Rossiya	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Fixed 2	SuperSport 7 Nigeria	TV	DVB-S	3/4	27.500	Irdeto	English
	Fixed 1	National Geographic Russia	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Fixed 2	SuperSport 5 Nigeria	TV	DVB-S	3/4	27.500	Irdeto	English
	Fixed 1	Amedia Premium	TV	DVB-S2	3/4	27.500	Viaccess	Russian,English
	Fixed 2	SuperSport 3 Nigeria	TV	DVB-S	3/4	27.500	Irdeto	English
	Fixed 1	History Russia	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Fixed 2	Rwanda TV	TV	DVB-S	3/4	27.500	Irdeto	English
	Fixed 2	OnMax	TV	DVB-S	3/4	27.500	Irdeto	English
	Fixed 1	TLC Russia	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Fixed 2	TVC News	TV	DVB-S	3/4	27.500	Irdeto	English
	Fixed 1	Travel Channel Europe	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Fixed 1	Bollywood HD	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 2	Galaxy TV	TV	DVB-S	3/4	27.500	Irdeto	English
	Fixed 2	KBC Channel 1	TV	DVB-S	3/4	27.500	Irdeto	English
	Fixed 1	Nat Geo Wild Russia	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Fixed 2	Tanzania Safari Channel	TV	DVB-S	3/4	27.500	Irdeto	English
	Fixed 2	Wap TV	TV	DVB-S	3/4	27.500	Irdeto	English
	Fixed 2	Ghana Learning TV	TV	DVB-S	3/4	27.500	Irdeto	English
	Fixed 2	Zee Alem	TV	DVB-S	3/4	27.500	Irdeto	Amharic
	Fixed 2	Kameme TV	TV	DVB-S	3/4	27.500	Irdeto	English
	Fixed 2	Nation FM	radio	DVB-S	3/4	27.500	Irdeto	English
	Fixed 2	KBC English Service	radio	DVB-S	3/4	27.500	Irdeto	English
	Fixed 2	KBC Idhaa	radio	DVB-S	3/4	27.500	Irdeto	Swahili
	Fixed 2	Coro FM	radio	DVB-S	3/4	27.500	Irdeto	Kikuyu
	Fixed 2	Eastern Service	radio	DVB-S	3/4	27.500	Irdeto	
	Fixed 2	Nosim FM	radio	DVB-S	3/4	27.500	Irdeto	
	Fixed 2	Mwatu FM	radio	DVB-S	3/4	27.500	Irdeto	
	Fixed 2	Radio Maisha	radio	DVB-S	3/4	27.500	Irdeto	
12.226	L Fixed 1	Tricolor TV	package	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Promo Kino	TV	DVB-S	3/4	27.500		Russian
	Fixed 1	Teleinstruktor	TV	DVB-S	3/4	27.500		Russian
	Fixed 1	Tricolor TV promo	TV	DVB-S	3/4	27.500		Russian
	Fixed 1	Radio Rossii	radio	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Radio Mayak	radio	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Vesti FM	radio	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
12.245	R Fixed 1	NTV Plus	package	DVB-S2	3/4	27.500	Viaccess	
	Fixed 1	8 Kanal	TV	DVB-S2	3/4	27.500		Russian
	Fixed 1	Avto 24	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Detski Mir	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Eurosport 1 Rossiya	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Fixed 1	Izvestia TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Spike Rossiya	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Fixed 1	Zee TV Russia	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	JimJam Rossiya	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Fixed 1	Nickelodeon CIS	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Fixed 1	Sony Channel Russia	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Fixed 1	Sony Sci-Fi Russia	TV	DVB-S2	3/4	27.500	Viaccess	"English,Russian"
	Fixed 1	Sony Turbo	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Fixed 1	Travel + Adventure	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Fixed 1	Prodvizhenie Moskva	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Zagorodnaya Zhizn	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Radost Moya	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Evrokino	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	GTRK Groznyj	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Mir Seriala	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Bryanskaya Guberniya	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Illusion +	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Lubimoe Kino	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Shanson TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Istoriya Telekanal	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Moya Planeta	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Nauka	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Russkiy Illusion	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	TV XXI	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	CBS Reality Europe	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Fixed 1	Vesti FM	radio	DVB-S2	3/4	27.500		Russian
	Fixed 1	Radio Mayak	radio	DVB-S2	3/4	27.500		Russian
	Fixed 1	Radio Rossii	radio	DVB-S2	3/4	27.500		Russian
12.265	L Fixed 1	NTV Plus	package	DVB-S	3/4	27.500	Viaccess	
	Fixed 1	Rossiya 1	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 1	Match!	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 1	5 Kanal	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 1	REN TV	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 1	Rossiya K	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 1	Rossiya 24	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 1	Telekanal Spas	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 1	TV 3	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 1	Pyatnitsa!	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 1	Mir	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 1	Shopping Live	TV	DVB-S	3/4	27.500		Russian
	Fixed 1	RT Arabic	TV	DVB-S	3/4	27.500	Viaccess	Arabic
	Fixed 1	RT Español	TV	DVB-S	3/4	27.500	Viaccess	Spanish
	Fixed 1	Tvoy Dom	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 1	France 24 English	TV	DVB-S	3/4	27.500	Viaccess	English
12.284	H Fixed 2	DSTV Africa	package	DVB-S2	2/3	27.500	Irdeto	
	Fixed 1	NTV Plus	package	DVB-S2	3/4	27.500	Viaccess	
	Fixed 2	M-Net Movies Premiere Africa West	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 1	Cartoon Network Russia & South East Europe	TV	DVB-S2	3/4	27.500	Viaccess	"English,Russian"
	Fixed 2	M-Net Movies Smile Africa	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 2	SuperSport 8 Africa	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 2	M-Net East	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 1	NST	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 2	1 Magic Africa	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 1	Poehali!	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Fox Life Russia	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Fixed 2	SuperSport 5 Nigeria	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 1	Investigation Discovery Rossiya	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Fixed 2	M-Net Movies Action + Africa	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 2	M-Net Binge	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 2	SuperSport 8 Nigeria	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 1	Telekanal O!	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	MTV Russia	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 2	SuperSport 8 Angola	TV	DVB-S2	2/3	27.500	Irdeto	Portuguese
	Fixed 1	MTV Hits	TV	DVB-S2	3/4	27.500	Viaccess	English
	Fixed 1	MTV Rocks	TV	DVB-S2	3/4	27.500	Viaccess	English
	Fixed 1	National Geographic Russia	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Fixed 1	Nick Jr CIS	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Fixed 1	TLC Russia	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Fixed 1	VH1 Classic	TV	DVB-S2	3/4	27.500	Viaccess	English
	Fixed 1	VH1 Europe	TV	DVB-S2	3/4	27.500	Viaccess	English
	Fixed 1	Bober	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Vremya	TV	DVB-S2	3/4	27.500	Viaccess	Russian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Fixed 1	Dom Kino	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Boomerang Central & Eastern Europe	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Karusel	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Muzika Pervogo	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Telecafé	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	TV Bolt	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Star Cinema	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	A1	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	A2	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Amedia Hit	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Amedia Premium	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Hollywood HD	TV	DVB-S2	3/4	27.500	Viaccess	Russian
12.303	V Fixed 2	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto	
	Fixed 1	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Soyuz	TV	DVB-S2	3/4	27.500		Russian
	Fixed 2	ZNBC TV 1	TV	DVB-S	3/4	27.500	Irdeto	English
	Fixed 2	EbonyLife TV	TV	DVB-S	3/4	27.500	Irdeto	English
	Fixed 1	Telekanal 2x2	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Mezzo	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 2	TCV Internacional	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Fixed 2	Fox Life Africa	TV	DVB-S	3/4	27.500	Irdeto	English
	Fixed 1	Ru TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Bober	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 2	ZNBC TV 2	TV	DVB-S	3/4	27.500	Irdeto	English
	Fixed 2	Arise News	TV	DVB-S	3/4	27.500	Irdeto	English
	Fixed 1	Dom Kino	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Malysh TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 2	Rok 2	TV	DVB-S	3/4	27.500	Irdeto	English
	Fixed 1	Match! Boets	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 2	TV Africa	TV	DVB-S	3/4	27.500	Irdeto	English
	Fixed 2	Bukedde TV 2	TV	DVB-S	3/4	27.500	Irdeto	
	Fixed 1	Match Premier	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 2	Rok 3	TV	DVB-S	3/4	27.500	Irdeto	English
	Fixed 1	TNT 4	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Che!	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	U	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Strana FM TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	M-1 Global TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Udmurtiya	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Yurgan	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Arkhyz 24	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	GTRK Groznyj	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	RGVK Dagestan	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	NTK Ingushetia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	9 Volna	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Radio Voskresenie	radio	DVB-S2	3/4	27.500		Russian
12.322	R Fixed 1	NTV Plus	package	DVB-S2	3/4	27.500	Viaccess	
	Fixed 1	365 dnei TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Auto Plus	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Europa Plus TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Indijskoe Kino	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Kinomiks	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Kinosvidanie	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Kinohit	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Kinokomedija	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Kto est kto	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Kuhnya TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	La Minor	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Match! Planeta	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Kinoserija	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Muzhskoe Kino	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Rodnoe Kino	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Nashe Novoe Kino	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Nostalgia	TV	DVB-S2	3/4	27.500	Viaccess	Russian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Fixed 1	Nuart TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Kinosemja	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Russkaya Noch	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Shot TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Malysh TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	KVN TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Dikij Telekanal	TV	DVB-S2	3/4	27.500	Viaccess	Russian
12.341	V Fixed 2	DSTV Africa	package	DVB-S2	2/3	27.500	Irdeto	
	Fixed 1	NTV Plus	package	DVB-S	3/4	27.500	Viaccess	
	Fixed 1	Perviy kanal	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 2	SuperSport 1 Africa	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 1	Domashniy	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 2	SuperSport 4 Africa	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 1	Kuban 24 Orbita	TV	DVB-S	3/4	27.500		Russian
	Fixed 2	SuperSport 11 Africa	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 2	SuperSport 12 Africa	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 1	TV Guberniya	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 2	Newzroom Afrika	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 1	STS	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 1	STS Love	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 2	WWE Network	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 2	Maisha Magic Plus	TV	DVB-S2	2/3	27.500	Irdeto	Swahili
	Fixed 1	TDK	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 2	SuperSport 13 Africa	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 1	TNV Planeta	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 1	Che!	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 2	SuperSport 1 Nigeria	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 1	Discovery Science Rossiya	TV	DVB-S	3/4	27.500	Viaccess	Russian,English
	Fixed 2	SuperSport 4 Nigeria	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 1	NHK World Japan	TV	DVB-S	3/4	27.500		English
	Fixed 2	SuperSport 11 Nigeria	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 1	Detskiy	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 2	SuperSport 12 Nigeria	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 2	SuperSport 13 Nigeria	TV	DVB-S2	2/3	27.500	Irdeto	English
	Fixed 1	Zoo Park	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 1	Kino TV	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 2	SuperSport 1 Angola	TV	DVB-S2	2/3	27.500	Irdeto	Portuguese
	Fixed 1	Russkaya Komediya	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 2	SuperSport 4 Angola	TV	DVB-S2	2/3	27.500	Irdeto	Portuguese
	Fixed 1	Rossiya 1	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 2	SuperSport 11 Angola	TV	DVB-S2	2/3	27.500	Irdeto	Portuguese
	Fixed 2	SuperSport 12 Angola	TV	DVB-S2	2/3	27.500	Irdeto	Portuguese
	Fixed 2	SuperSport 13 Angola	TV	DVB-S2	2/3	27.500	Irdeto	Portuguese
12.360	H Fixed 2	DSTV Africa	package	DVB-S	2/3	26.480	Irdeto	
	Fixed 2	Inooro TV	TV	DVB-S	2/3	26.480	Irdeto	English
	Fixed 2	Spark TV	TV	DVB-S	2/3	26.480	Irdeto	English
	Fixed 2	Trybe TV	TV	DVB-S	2/3	26.480	Irdeto	English
	Fixed 2	Tigrai TV	TV	DVB-S	2/3	26.480	Irdeto	Tigrinya
	Fixed 2	OBN	TV	DVB-S	2/3	26.480	Irdeto	
	Fixed 2	Urban TV	TV	DVB-S	2/3	26.480	Irdeto	English
	Fixed 2	Arewa 24	TV	DVB-S	2/3	26.480	Irdeto	Hausa
	Fixed 2	TV West	TV	DVB-S	2/3	26.480	Irdeto	English
	Fixed 2	Kass TV	TV	DVB-S	2/3	26.480	Irdeto	English
	Fixed 2	Televista	TV	DVB-S	2/3	26.480	Irdeto	English
	Fixed 2	BBS TV	TV	DVB-S	2/3	26.480	Irdeto	Swahili
12.380	L Fixed 1	Match! Futbol 1	TV	DVB-S2	5/6	30.000	Exset	Russian
12.399	H Fixed 2	DSTV Africa	package	DVB-S	3/4	27.500	Irdeto	
	Fixed 1	NTV Plus	package	DVB-S2	3/4	27.500	Viaccess	
	Fixed 2	Bukedde TV 2	TV	DVB-S	3/4	27.500	Irdeto	
	Fixed 1	Kinopremyera	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 2	SBN International	TV	DVB-S	3/4	27.500	Irdeto	English
	Fixed 2	ARTS TV	TV	DVB-S	3/4	27.500	Irdeto	Amharic
	Fixed 2	Citi TV	TV	DVB-S	3/4	27.500	Irdeto	English
	Fixed 1	Match! Igra	TV	DVB-S2	3/4	27.500	Viaccess	Russian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang	
	Fixed 2	Baba TV	TV	DVB-S	3/4	27.500	Irdeto	English	
	Fixed 1	HDL	TV	DVB-S2	3/4	27.500	Viaccess	Russian	
	Fixed 1	Match! Arena	TV	DVB-S2	3/4	27.500	Viaccess	Russian	
	Fixed 2	Salt TV	TV	DVB-S	3/4	27.500	Irdeto	English	
	Fixed 2	Walta TV	TV	DVB-S	3/4	27.500	Irdeto	Amharic	
	Fixed 2	Asham TV	TV	DVB-S	3/4	27.500	Irdeto	Amharic	
	Fixed 2	Ahadu TV	TV	DVB-S	3/4	27.500	Irdeto	Amharic	
	Fixed 1	KHL TV HD	TV	DVB-S2	3/4	27.500	Viaccess	Russian	
	Fixed 2	Nahoo TV	TV	DVB-S	3/4	27.500	Irdeto	Amharic	
	Fixed 1	Tlum	TV	DVB-S2	3/4	27.500	Viaccess	Russian	
	Fixed 2	Citi FM	radio	DVB-S	3/4	27.500	Irdeto	English	
	Fixed 1	RTG HD	TV	DVB-S2	3/4	27.500	Viaccess	Russian	
	Fixed 2	NW Muzik	TV	DVB-S	3/4	27.500	Irdeto	French	
	Fixed 2	LTV	TV	DVB-S	3/4	27.500	Irdeto	Amharic	
	Fixed 2	Addis Media Network	TV	DVB-S	3/4	27.500	Irdeto	Amharic	
12.418	L	Fixed 1	Tricolor TV	package	DVB-S2	5/6	30.000	Exset/DRE-Crypt	
		Fixed 1	V mire zhitovnykh	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
		Fixed 1	Kapitan Fantastika	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
		Fixed 1	Priklyucheniya HD	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
		Fixed 1	Eureka	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
		Fixed 1	Multik	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
		Fixed 1	Exxxotica	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
		Fixed 1	Blue Hustler Europe	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	English
12.437	R	Fixed 1	NTV Plus	package	DVB-S2	3/4	27.500	Viaccess	
		Fixed 1	Telekanal FAN	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	REN TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	Karusel	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	Fine Living	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
		Fixed 1	Fashion TV Russia	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	NTV Pravo	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	Mult	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	NTV Serial	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	9 Volna	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	Telekanal Zvezda	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	Ani	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	NTV Hit	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	5 Kanal	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	Morskoi	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	NTV Styl	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	Food Network Russia	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
		Fixed 1	Moskva Telekanal	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	Zhivi!	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	Sarafan	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	Mult i muzyka	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	Russkiy Bestseller	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	Boks TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	E TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	Russkiy Roman	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	V Gostyakh u Skazki	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	Blue Hustler Europe	TV	DVB-S2	3/4	27.500	Viaccess	English
		Fixed 1	Playboy TV Europe	TV	DVB-S2	3/4	27.500	Viaccess	English
		Fixed 1	Multilandia	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	Barely Legal TV	TV	DVB-S2	3/4	27.500	Viaccess	English
		Fixed 1	Dorama	TV	DVB-S2	3/4	27.500	Viaccess	Russian
		Fixed 1	Dialogi o rybalke	TV	DVB-S2	3/4	27.500	Viaccess	Russian
12.440	H	Fixed 2	DSTV Africa	package	DVB-S	2/3	27.500	Irdeto	
		Fixed 2	Wazobia Max Lagos	TV	DVB-S	2/3	27.500	Irdeto	English
		Fixed 2	KTN Home	TV	DVB-S	2/3	27.500	Irdeto	English
		Fixed 2	NTV	TV	DVB-S	2/3	27.500	Irdeto	English
		Fixed 2	NTV Uganda	TV	DVB-S	2/3	27.500	Irdeto	English
		Fixed 2	UBC TV	TV	DVB-S	2/3	27.500	Irdeto	
		Fixed 2	KTN News	TV	DVB-S	2/3	27.500	Irdeto	English
		Fixed 2	K24	TV	DVB-S	2/3	27.500	Irdeto	English
		Fixed 2	Channel 44	TV	DVB-S	2/3	27.500	Irdeto	English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Fixed 2	Bukedde TV 1	TV	DVB-S	2/3	27.500	Irdeto	
	Fixed 2	TV 10	TV	DVB-S	2/3	27.500	Irdeto	English
	Fixed 2	Channels TV	TV	DVB-S	2/3	27.500	Irdeto	English
	Fixed 2	Silverbird TV	TV	DVB-S	2/3	27.500	Irdeto	English
12.456	L Fixed 1	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Dorama	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	KHL TV HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Mezzo Live HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	French
	Fixed 1	Juvelirochka	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	V Gostyakh u Skazki	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Super	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	English Club TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	English
	Fixed 1	Kinokomedija	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Kinoserija	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	KVN TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Indijskoe Kino	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Boks TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Ani	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Konny Mir	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Fixed 1	Anekdot TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
12.476	H Fixed 2	DSTV Africa	package	DVB-S	2/3	27.500	Irdeto	
	Fixed 2	Phoenix CNE	TV	DVB-S	2/3	27.500	Irdeto	Chinese
	Fixed 1	Russkij Extrem	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	Fixed 2	China Movie	TV	DVB-S	2/3	27.500	Irdeto	Chinese
	Fixed 2	CCTV Entertainment	TV	DVB-S	2/3	27.500	Irdeto	Chinese
	Fixed 2	Metro TV	TV	DVB-S	2/3	27.500	Irdeto	English
	Fixed 2	Zhejiang TV	TV	DVB-S	2/3	27.500	Irdeto	Chinese
	Fixed 2	Iqraa Arabic	TV	DVB-S	2/3	27.500	Irdeto	Arabic
	Fixed 2	Hunan TV International	TV	DVB-S	2/3	27.500	Irdeto	Chinese
	Fixed 2	Dragon TV International	TV	DVB-S	2/3	27.500	Irdeto	Chinese
	Fixed 2	DW Deutsch	TV	DVB-S	2/3	27.500	Irdeto	German
	Fixed 2	Rok DSTV	TV	DVB-S	2/3	27.500	Irdeto	English
	Fixed 2	ITV	TV	DVB-S	2/3	27.500	Irdeto	English
	Fixed 2	Rhythm	radio	DVB-S	2/3	27.500	Irdeto	English
	Fixed 2	Ray Power	radio	DVB-S	2/3	27.500	Irdeto	English
	Fixed 2	Star FM 101.5	radio	DVB-S	2/3	27.500	Irdeto	English

EXPRESS AT1

11.881	L Wide	Eurosport 1 Rossiya	TV	DVB-S2	5/6	30.000	Exset	Russian,English
	Wide	Insight UHD	TV	DVB-S2	5/6	30.000	Exset	Russian
	Wide	Love Nature	TV	DVB-S2	5/6	30.000	Exset	Russian,English
11.919	L Wide	Mult i muzyka	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
	Wide	365 dnei TV	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
	Wide	CNN International Asia Pacific	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	English
	Wide	Dom Kino	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
	Wide	Bober	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
	Wide	Ru TV	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
	Wide	Leomax +	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
	Wide	Zagorodny	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
	Wide	Zdorovye	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
	Wide	Zoo TV	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
	Wide	Rybolov	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
11.958	L Wide	Tricolor TV Sibir	package	DVB-S2	5/6	30.000	Exset/DRE-Crypt	
	Wide	Eureka	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
	Wide	Romantichnoe	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
	Wide	KHL TV HD	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
	Wide	Kino TV	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
	Wide	Nickelodeon CIS	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
	Wide	Russkij Extrem	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
	Wide	Match! Arena	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
11.996	L Wide	Kino Premium HD	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
	Wide	Ostrosyuzhetnoye	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
	Wide	Nashe	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
	Wide	Moya Planeta	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
	Wide	Tayny Galaktiki	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
12.034	Wide	Eda Premium	TV	DVB-S2	5/6	30.000	Exset/DRE-Crypt	Russian
	L Wide	Babes TV	TV	DVB-S2	?	30.000	Exset/DRE-Crypt	English
	Wide	Lyubimoe	TV	DVB-S2	?	30.000	Exset/DRE-Crypt	Russian
	Wide	Nash Kinopokaz	TV	DVB-S2	?	30.000	Exset/DRE-Crypt	Russian
	Wide	Nashe Muzhskoe	TV	DVB-S2	?	30.000	Exset/DRE-Crypt	Russian
	Wide	Blokbaster	TV	DVB-S2	?	30.000	Exset/DRE-Crypt	Russian
	Wide	Hit	TV	DVB-S2	?	30.000	Exset/DRE-Crypt	Russian
12.073	Wide	Kinopokaz	TV	DVB-S2	?	30.000	Exset/DRE-Crypt	Russian
	L Wide	Tricolor TV Sibir	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Kapitan Fantastika	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Shokiryushee	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Komediynoe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Priklucheniya HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	Wide	Ohotnik i Rybolov HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
12.111	Wide	V mire zhitovnykh	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	L East	Eureka	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
	L East	Radost Moya	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	STS Love	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Bridge TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Muz TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Istoriya Telekanal	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinokomedija	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	EuroNews Russkiy	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Indijskoe Kino	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Eda	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	S TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	TNT Music	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	MCM Top Russia	TV	DVB-S2	3/4	27.500	DRE-Crypt	French
	East	Russian Music Box	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Europa Plus TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Zhar Ptitsa	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Muzika Pervogo	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	TNT 4	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Shanson TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Luxury	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Mezzo	TV	DVB-S2	3/4	27.500	DRE-Crypt	French
	East	KVN TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
East	M-1 Global TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian	
East	Nano TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian	
East	Promo Kino	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian	
12.149	L East	Vmeste RF	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	L East	Perviy kanal	TV	DVB-S2	?	30.000	Exset/DRE-Crypt	Russian
	East	Telekanal 2x2	TV	DVB-S2	?	30.000	Exset/DRE-Crypt	Russian
	East	Bollywood HD	TV	DVB-S2	?	30.000	Exset/DRE-Crypt	Russian
	East	Sinematka	TV	DVB-S2	?	30.000	Exset/DRE-Crypt	Russian
12.188	East	Nasha Tema	TV	DVB-S2	?	30.000	Exset/DRE-Crypt	Russian
	L East	Tricolor TV Sibir	package	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	Shop & Show	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Malysh TV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Perviy kanal	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Juvelirochka	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Kinopokaz	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Multik	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Pobeda	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Pobeda	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Ryzhiy	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Poehali!	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Nash Kinopokaz	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Shopping Live	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Blokbaster	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	MTV Hits	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	English
	East	Telekanal O!	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
East	MTV Rocks	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	English	
East	Hit	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	East	Lyubimoe	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Marusya FM	radio	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Match! Strana	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Radio Rus	radio	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Match Premier	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Vostok FM	radio	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Vesna FM	radio	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
12.226	L East	Tricolor TV Sibir	package	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	Kino Premium HD	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
	East	Nash Kinoroman	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
12.265	L East	Tricolor TV Sibir	package	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Telepoisk	TV	DVB-S2	3/4	27.500		Russian
	East	Kinozal 1	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinozal 2	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinozal 3	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinozal 4	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinozal 5	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinozal 6	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinozal 7	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinozal 8	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinozal 9	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinozal 10	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinozal 11	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinozal 12	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Multilandia	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Detski Mir	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Nash Kinoroman	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinohit	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinomiks	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Kinopokaz	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Sarafan	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Top Shop TV Russia	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
12.303	L East	Tricolor TV Sibir	package	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Kinoserija	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Soyuz	TV	DVB-S2	3/4	27.500		Russian
	East	Nickelodeon CIS	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	JimJam Rossiya	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	V Gostyakh u Skazki	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Telekanal 360°	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Moya Planeta	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Nauka	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Russkiy Bestseller	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Russkiy Roman	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Dom Kino Premium	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Shanson TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Match! Boets	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	TNV Planeta	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Sarafan	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	NST	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Che!	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Russkiy Detektiv	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Candy TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	CandyMan TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Strana FM	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Radio Mayak	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Vesti FM	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	U	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Radio Chanson	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Dorognoe Radio	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Europa Plus	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Radio Vanya	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Maximum 103.7 FM	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Radio Dlya Dvoih	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian
	East	Radio Roks	radio	DVB-S2	3/4	27.500	DRE-Crypt	Russian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	East	Radio Orfey	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	NRJ Russia	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Humor FM	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Avtoradio	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Radio Monte Carlo	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Russkoe Radio	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Radio Zvezda	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Radio Romantika	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	DFM	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Radio Komsomolskaya Pravda	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Radio Kultura	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Radio 7	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Radio Mir	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Retro FM Rossiya	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Hit FM	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Grad Petrov	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Radio Record	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Radio Radonezh	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Radio 107	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Radio Dacha	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Love Radio	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Taxi FM	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Comedy Radio	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Modnoe Radio	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Detskoe Radio	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Radio Rodnyh Dorog	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Novoe Radio	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Radio Iskatel	radio	DVB-S2	3/4		27.500	DRE-Crypt	Russian
12.322	R	East	NTV Plus Vostok	package	DVB-S2	5/6	27.500	Viaccess	
	East	Kinosemja	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	Kinosvidanie	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	Kinohit	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	Nashe Novoe Kino	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	Kinomiks	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	Rodnoe Kino	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	Nashe TV	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	Mir Basketbola	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	Mama	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	A2	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	A1	TV	DVB-S2	5/6		27.500	Viaccess	"Russian,English"
	East	Illusion +	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	Blue Hustler Europe	TV	DVB-S2	5/6		27.500	Viaccess	English
	East	Dikij Telekanal	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	Telekanal 2x2	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	RT Doc	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	Telekanal Doktor	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	NTV Serial	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	Telekanal O!	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	Kto est kto	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	Travel Channel Europe	TV	DVB-S2	5/6	Y	27.500	Viaccess	Russian
	East	Boks TV	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	Discovery Science Rossiya	TV	DVB-S2	5/6		27.500	Viaccess	Russian,English
	East	Investigation Discovery Rossiya	TV	DVB-S2	5/6		27.500	Viaccess	"Russian,English"
	East	Tvoy Dom	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	Tiji Russia	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	Gulli Girl	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	Ani	TV	DVB-S2	5/6		27.500	Viaccess	Russian
	East	TDK	TV	DVB-S2	5/6		27.500	Viaccess	Russian
12.341	L	East	Tricolor TV Sibir	package	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Che!	TV	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Rossiya 1	TV	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Match!	TV	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Perviy kanal	TV	DVB-S2	3/4		27.500	DRE-Crypt	Russian
	East	Fashion Television Europe	TV	DVB-S2	3/4		27.500	DRE-Crypt	English

Freq	Beam		Analog	Diff	Fec	Symb of Rate	Acces	Lang
12.399	R East	NTV Plus Vostok	package	DVB-S2	5/6	27.500	Viaccess	
	East	Domashnie Zhivotnye	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Perviy kanal	TV	DVB-S2	5/6	Y 27.500	Viaccess	Russian
	East	Rossiia 1	TV	DVB-S2	5/6	Y 27.500	Viaccess	Russian
	East	NTV	TV	DVB-S2	5/6	Y 27.500	Viaccess	Russian
	East	5 Kanal	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Rossiia K	TV	DVB-S2	5/6	Y 27.500	Viaccess	Russian
	East	Karusel	TV	DVB-S2	5/6	Y 27.500	Viaccess	Russian
	East	TV Centr Ural	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	REN TV	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	STS	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Domashniy	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	TV 3	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Pyatnitsa!	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Telekanal Zvezda	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Mir	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	TNT	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Che!	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	STS Love	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	U	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Kanal Disney	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Hustler TV Europe	TV	DVB-S2	5/6	27.500	Viaccess	English
	East	Prodvizhenie Sibir	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	NTV Pravo	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	NTV Styl	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	TNV Planeta	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Muz TV	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Humor FM	radio	DVB-S2	5/6	27.500		Russian
	East	Radio Dlya Dvoih	radio	DVB-S2	5/6	27.500		Russian
	East	Radio Romantika	radio	DVB-S2	5/6	27.500		Russian
	East	Avtoradio	radio	DVB-S2	5/6	27.500		Russian
	East	Radio Vanya	radio	DVB-S2	5/6	27.500		Russian
	East	NRJ Russia	radio	DVB-S2	5/6	27.500		Russian
	East	DFM	radio	DVB-S2	5/6	27.500		Russian
	East	Russkoe Radio	radio	DVB-S2	5/6	27.500		Russian
	East	Hit FM	radio	DVB-S2	5/6	27.500		Russian
	East	Maximum 103.7 FM	radio	DVB-S2	5/6	27.500		Russian
	East	Business FM	radio	DVB-S2	5/6	27.500		Russian
	East	Militseyskaya Volna	radio	DVB-S2	5/6	27.500		Russian
	East	Comedy Radio	radio	DVB-S2	5/6	27.500		Russian
	East	Radio Komsomolskaya Pravda	radio	DVB-S2	5/6	27.500		Russian
	East	Relax FM	radio	DVB-S2	5/6	27.500		Russian
	East	Echo Moskva	radio	DVB-S2	5/6	27.500		Russian
	East	Radio Mir	radio	DVB-S2	5/6	27.500		Russian
	East	Love Radio	radio	DVB-S2	5/6	27.500		Russian
	East	Radio Chanson	radio	DVB-S2	5/6	27.500		Russian
	East	Detskoe Radio Moskva	radio	DVB-S2	5/6	27.500		Russian
	East	Vesti FM	radio	DVB-S2	5/6	27.500		Russian
	East	Radio Mayak	radio	DVB-S2	5/6	27.500		Russian
	East	Radio Rossii	radio	DVB-S2	5/6	27.500		Russian
	East	Radio Sibir	radio	DVB-S2	5/6	27.500		Russian
12.476	R East	NTV Plus Vostok	package	DVB-S2	5/6	27.500	Viaccess	
	East	Match! Futbol 2	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Match!	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Dom Kino Premium	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Match! Igra	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Match! Futbol 1	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Kinopremyera	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Match Premier	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Match! Futbol 3	TV	DVB-S2	5/6	27.500	Viaccess	Russian

EUTELSAT 70B

11.057	V Africa	unknown	package	DVB-S2	3/4	29.984		
	Africa	KTN News	TV	DVB-S2	3/4	29.984		English
	Africa	KTN Home	TV	DVB-S2	3/4	29.984		English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Africa	Biblia Husema Broadcasting	radio	DVB-S2	3/4	29.984		
	Africa	Capital FM	radio	DVB-S2	3/4	29.984		English
	Africa	Ejok FM	radio	DVB-S2	3/4	29.984		
	Africa	Miraya FM	radio	DVB-S2	3/4	29.984		Arabic
	Africa	Kameme FM	radio	DVB-S2	3/4	29.984		Kikuyu
	Africa	Nam Lolwe FM	radio	DVB-S2	3/4	29.984		
	Africa	Njata FM	radio	DVB-S2	3/4	29.984		
	Africa	Radio Damal	radio	DVB-S2	3/4	29.984		Somali
	Africa	Star FM	radio	DVB-S2	3/4	29.984		Somali
	Africa	Anguo FM	radio	DVB-S2	3/4	29.984		
	Africa	ATG Radio	radio	DVB-S2	3/4	29.984		
	Africa	Osiepe FM	radio	DVB-S2	3/4	29.984		
	Africa	Hope FM	radio	DVB-S2	3/4	29.984		English
	Africa	Dala FM	radio	DVB-S2	3/4	29.984		English
	Africa	Mayian FM	radio	DVB-S2	3/4	29.984		
	Africa	Milele FM	radio	DVB-S2	3/4	29.984		
	Africa	Msenangu FM	radio	DVB-S2	3/4	29.984		
	Africa	Family Radio	radio	DVB-S2	3/4	29.984		English
	Africa	Iganjo FM	radio	DVB-S2	3/4	29.984		
	Africa	Goobjoog FM	radio	DVB-S2	3/4	29.984		Somali
	Africa	Radio Maisha	radio	DVB-S2	3/4	29.984		
	Africa	Meru FM	radio	DVB-S2	3/4	29.984		
	Africa	Milele FM	radio	DVB-S2	3/4	29.984		
	Africa	Bukedde FM	radio	DVB-S2	3/4	29.984		
	Africa	Emoo FM	radio	DVB-S2	3/4	29.984		
	Africa	Kameme FM	radio	DVB-S2	3/4	29.984		Kikuyu
	Africa	Abood FM	radio	DVB-S2	3/4	29.984		
	Africa	Kigooco FM	radio	DVB-S2	3/4	29.984		
	Africa	Taboiyat FM	radio	DVB-S2	3/4	29.984		
	Africa	Osiepe FM	radio	DVB-S2	3/4	29.984		
11.097	H Central Asia	Kyrgyz mux	package	DVB-S2	?	23.627		
	Central Asia	KTRK Sport	TV	DVB-S2	?	23.627		
	Central Asia	5 Kanal	TV	DVB-S2	?	23.627		
	Central Asia	Ala Too 24	TV	DVB-S2	?	23.627		
	Central Asia	Pyramida	TV	DVB-S2	?	23.627		
	Central Asia	Mir +4	TV	DVB-S2	?	23.627		Russian
	Central Asia	Ilim Bilim	TV	DVB-S2	?	23.627		
	Central Asia	KTRK	TV	DVB-S2	?	23.627		
	Central Asia	Madaniyat	TV	DVB-S2	?	23.627		
	Central Asia	Muzika	TV	DVB-S2	?	23.627		
	Central Asia	Balastan	TV	DVB-S2	?	23.627		
	Central Asia	El TR	TV	DVB-S2	?	23.627		
	Central Asia	NTS	TV	DVB-S2	?	23.627		
11.609	H Asia	VoA TV China	TV	DVB-S2	1/2	5.406		Chinese
	Asia	Voice of America	radio	DVB-S2	1/2	5.406		
	Asia	Radio Free Asia	radio	DVB-S2	1/2	5.406		
12.682	V Wide	M-Three satcom	package	DVB-S2	1/2	16.046		
	Wide	MTA 7 Asia	TV	DVB-S2	1/2	16.046		Hindi,Urdu,English,Tami l,Malayalam,Arabic,Ben gali
	Wide	Supreme Master TV	TV	DVB-S2	1/2	16.046		English
	Wide	VoA Tibetan	radio	DVB-S2	1/2	16.046		
	Wide	Radio Free Asia Mandarin	radio	DVB-S2	1/2	16.046		Chinese
	Wide	Radio Free Asia Tibetan	radio	DVB-S2	1/2	16.046		

HOTBIRD 13B

10.815	H Wide	MX1	package	DVB-S	5/6	27.500		
	Wide	BVN Europa	TV	DVB-S	5/6	27.500	Y	Dutch
	Wide	CNL Evropa	TV	DVB-S	5/6	27.500		Russian
	Wide	TBN Rossiya	TV	DVB-S	5/6	27.500		Russian
	Wide	Thai TV Global Network	TV	DVB-S	5/6	27.500		Thai
	Wide	TVK	TV	DVB-S	5/6	27.500		
	Wide	The Word Network	TV	DVB-S	5/6	27.500		English
	Wide	VRT Radio 1	radio	DVB-S	5/6	27.500		Dutch
	Wide	The Overcomer	radio	DVB-S	5/6	27.500		English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
10.949	V Wide	Globecast	package	DVB-S	3/4	27.500		
	Wide	Al Hiwar TV	TV	DVB-S	3/4	27.500		Arabic
	Wide	Brazzers TV Europe	TV	DVB-S	3/4	27.500	Irdeto/Nagravision/Viaccess	"English,French"
	Wide	EWTN Europe	TV	DVB-S	3/4	27.500		English
	Wide	Persian BMS	radio	DVB-S	3/4	27.500		Farsi
	Wide	WRN Russkij	radio	DVB-S	3/4	27.500		Russian
	Wide	WRN English Europe	radio	DVB-S	3/4	27.500		English
	Wide	Radio Jahani	radio	DVB-S	3/4	27.500		Farsi
	Wide	Sawt Al Alam	radio	DVB-S	3/4	27.500		Arabic
10.971	H Wide	SRG SSR	package	DVB-S2	2/3	29.700	Viaccess	
	Wide	SRF 1	TV	DVB-S2	2/3	Y 29.700	Viaccess	German
	Wide	SRF Zwei	TV	DVB-S2	2/3	Y 29.700	Viaccess	German
	Wide	RTS 1	TV	DVB-S2	2/3	Y 29.700	Viaccess	French
	Wide	RTS 2	TV	DVB-S2	2/3	Y 29.700	Viaccess	French
11.054	H Wide	Media Broadcast Satellite	package	DVB-S	5/6	27.500		
	Wide	Arti TV	TV	DVB-S	5/6	27.500		Turkish
	Wide	MC EU	TV	DVB-S	5/6	27.500		Turkish
	Wide	Media Broadcast Satellite promo	TV	DVB-S	5/6	27.500		German
	Wide	Jin TV	TV	DVB-S	5/6	27.500		Kurdish
	Wide	Can TV	TV	DVB-S	5/6	27.500		Turkish
	Wide	Iran e Aryaee TV	TV	DVB-S	5/6	27.500		Farsi
11.075	V Wide	Aristo TV	TV	DVB-S2	3/4	30.000		German
	Wide	Anixe +	TV	DVB-S2	3/4	30.000		German
	Wide	Anixe HD Serie	TV	DVB-S2	3/4	30.000		German
	Wide	Folx	TV	DVB-S2	3/4	30.000		German
	Wide	MyTV Plus promo	TV	DVB-S2	3/4	30.000		German
11.200	V Wide	Eutelsat	package	DVB-S	5/6	27.500		
	Wide	Mohabat TV	TV	DVB-S	5/6	27.500		Farsi
	Wide	Deluxe 139	TV	DVB-S	5/6	27.500		Italian
	Wide	KICC TV	TV	DVB-S	5/6	27.500		English
	Wide	GünAz TV	TV	DVB-S	5/6	27.500		Azerbaijan
	Wide	Umut TV	TV	DVB-S	5/6	27.500		Turkish
	Wide	Omid TV	TV	DVB-S	5/6	27.500		Farsi
	Wide	Radio Mojdeh	radio	DVB-S	5/6	27.500		Farsi
	Wide	Radio Novaya Zhizn	radio	DVB-S	5/6	27.500		Russian
	Wide	RVS Italy	radio	DVB-S	5/6	27.500		Italian
11.541	V Wide	M-Three satcom	package	DVB-S	5/6	22.000	Nagravision/Videoguard	
	Wide	Simay-Azadi Iran National TV	TV	DVB-S	5/6	22.000		Farsi
	Wide	TG Norba 24	TV	DVB-S	5/6	22.000		Italian
	Wide	Radio Buon Consiglio	radio	DVB-S	5/6	22.000		Italian
11.566	H Wide	Globecast	package	DVB-S2	3/4	29.900		
	Wide	Qatar TV	TV	DVB-S2	3/4	29.900		Arabic
	Wide	TRT Arabi	TV	DVB-S2	3/4	29.900		Arabic
	Wide	Belarus 24	TV	DVB-S2	3/4	29.900		Russian
	Wide	EuroNews English	TV	DVB-S2	3/4	29.900		English
	Wide	TRT World	TV	DVB-S2	3/4	29.900		English
	Wide	Bahrain TV	TV	DVB-S2	3/4	29.900		Arabic
	Wide	France 24 Français	TV	DVB-S2	3/4	29.900		French
	Wide	France 24 English	TV	DVB-S2	3/4	29.900		English
	Wide	CNN International Europe	TV	DVB-S2	3/4	29.900	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	English
	Wide	Radio Belarus	radio	DVB-S2	3/4	29.900		
11.623	V Wide	Globecast	package	DVB-S	3/4	27.500		
	Wide	Tele Congo	TV	DVB-S	3/4	27.500		French
	Wide	Arirang World	TV	DVB-S	3/4	27.500		English
	Wide	Soyuz	TV	DVB-S	3/4	27.500		Russian
	Wide	ERT World	TV	DVB-S	3/4	27.500		Greek
	Wide	Radio Congo	radio	DVB-S	3/4	27.500		French
	Wide	Proto Programma	radio	DVB-S	3/4	27.500		Greek
	Wide	Deftero Programma	radio	DVB-S	3/4	27.500		Greek
	Wide	Trito Programma	radio	DVB-S	3/4	27.500		Greek
	Wide	ERA Spor	radio	DVB-S	3/4	27.500		Greek
	Wide	I Foni tis Elladas	radio	DVB-S	3/4	27.500		
	Wide	Radio 2000	radio	DVB-S	3/4	27.500		Hebrew
	Wide	WRN Russkij	radio	DVB-S	3/4	27.500		Russian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Radio Orient	radio	DVB-S	3/4	27.500		Arabic
	Wide	WRN English Europe	radio	DVB-S	3/4	27.500		English
	Wide	Radio Jahani	radio	DVB-S	3/4	27.500		Farsi
	Wide	Sawt Al Alam	radio	DVB-S	3/4	27.500		Arabic
11.681	H Wide	Bis TV	package	DVB-S2	3/4	27.500	Mediaguard/Nagravision/Viaccess	
	Wide	TF 1	TV	DVB-S2	3/4	Y 27.500	Mediaguard/Nagravision/Viaccess	French
	Wide	France 2	TV	DVB-S2	3/4	27.500	Mediaguard/Nagravision/Viaccess	French
	Wide	France 3	TV	DVB-S2	3/4	Y 27.500	Mediaguard/Nagravision/Viaccess	French
	Wide	France 5	TV	DVB-S2	3/4	27.500	Mediaguard/Nagravision/Viaccess	French
	Wide	M6	TV	DVB-S2	3/4	27.500	Viaccess	French
	Wide	ARTE Français	TV	DVB-S2	3/4	27.500		"French,German"
	Wide	C8	TV	DVB-S2	3/4	Y 27.500	Viaccess	French
	Wide	W9	TV	DVB-S2	3/4	Y 27.500	Viaccess	French
	Wide	TMC	TV	DVB-S2	3/4	27.500	Mediaguard/Nagravision/Viaccess	French
	Wide	TFX	TV	DVB-S2	3/4	Y 27.500	Mediaguard/Nagravision/Viaccess	French
	Wide	NRJ 12	TV	DVB-S2	3/4	Y 27.500	Viaccess	French
	Wide	LCP Assemblée Nationale	TV	DVB-S2	3/4	27.500	Viaccess	French
	Wide	Public Sénat	TV	DVB-S2	3/4	27.500	Viaccess	French
	Wide	France 4	TV	DVB-S2	3/4	Y 27.500	Mediaguard/Nagravision/Viaccess	French
	Wide	C News	TV	DVB-S2	3/4	27.500	Viaccess	French
	Wide	TF 1 Séries Films	TV	DVB-S2	3/4	27.500	Viaccess	French
	Wide	L'Équipe	TV	DVB-S2	3/4	27.500	Viaccess	French
	Wide	6ter	TV	DVB-S2	3/4	27.500	Viaccess	French
	Wide	RMC Story	TV	DVB-S2	3/4	27.500	Viaccess	French
	Wide	RMC Découverte	TV	DVB-S2	3/4	27.500	Viaccess	French
	Wide	Chérie 25	TV	DVB-S2	3/4	27.500	Viaccess	French
	Wide	LCI	TV	DVB-S2	3/4	27.500	Viaccess	French
11.727	V Wide	Globecast	package	DVB-S2	3/4	29.900		
	Wide	DW English	TV	DVB-S2	3/4	29.900		English
	Wide	BBC Arabic	TV	DVB-S2	3/4	29.900		Arabic
	Wide	Pobeda International	TV	DVB-S2	3/4	29.900		Russian
	Wide	DW-Radio 8	radio	DVB-S2	3/4	29.900		
	Wide	DW-Radio 9	radio	DVB-S2	3/4	29.900		
	Wide	DW-Radio FM 1	radio	DVB-S2	3/4	29.900		
	Wide	DW-Radio FM 2	radio	DVB-S2	3/4	29.900		
	Wide	BBC World Service Horn of Africa	radio	DVB-S2	3/4	29.900		
	Wide	RFI Français	radio	DVB-S2	3/4	29.900		French
	Wide	RFI Langues Est	radio	DVB-S2	3/4	29.900		
	Wide	RFI Langues Diverse	radio	DVB-S2	3/4	29.900		
	Wide	RFI Afrique	radio	DVB-S2	3/4	29.900		French
	Wide	RFI Diverse 7	radio	DVB-S2	3/4	29.900		
11.785	H Wide	Sky Cinema Due	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Classica HD	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Cinema Collection	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Cinema Action	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Fox Italia	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Fox Crime Italia	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Cartoon Network Italia	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Crime + Investigation Network Italia	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Uno +1	TV	DVB-S2	3/4	29.900	Videoguard	Italian
11.823	H Wide	Nova	package	DVB-S2	3/4	27.500	Irdeto	
	Wide	Makedonia TV	TV	DVB-S2	3/4	Y 27.500	Irdeto	Greek
	Wide	ERT 2	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Disney XD Hellas	TV	DVB-S2	3/4	27.500	Irdeto	"Greek,English"
	Wide	Mega TV	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Insight HD	TV	DVB-S2	3/4	27.500	Irdeto	English
	Wide	Ant1	TV	DVB-S2	3/4	Y 27.500	Irdeto	Greek
	Wide	Nova Cinema Extra	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	ERT 1	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Novasports 5	TV	DVB-S2	3/4	27.500	Irdeto	"Greek,English"
	Wide	SKAĪ	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Nova Cinema 4	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	MTV Hits	TV	DVB-S2	3/4	27.500	Irdeto	English
	Wide	Novasports 3	TV	DVB-S2	3/4	27.500	Irdeto	Greek

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Love Radio 97.5	radio	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Ecclesia Radio	radio	DVB-S2	3/4	27.500		Greek
	Wide	SKAĪ 100.3 FM	radio	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Melodia 99.2	radio	DVB-S2	3/4	27.500	Irdeto	Greek
11.843	V Wide	Sky Italia	package	DVB-S2	3/4	29.900	Videoguard	
	Wide	MTV Italia	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Nat Geo Wild Italia	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Sport NBA	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Sport Golf	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Cinema Drama	TV	DVB-S2	3/4	Y 29.900	Videoguard	Italian
	Wide	Sky Primafila 1	TV	DVB-S2	3/4	Y 29.900	Videoguard	Italian
	Wide	Sky Sport 8	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Sport 7	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Primafila 2	TV	DVB-S2	3/4	Y 29.900	Videoguard	Italian
11.862	H Wide	Sky Cinema per te	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Italia	package	DVB-S	5/6	29.900	Videoguard	
	Wide	DeA Kids +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Discovery Science Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Fox Italia +1	TV	DVB-S	5/6	Y 29.900	Videoguard	Italian
	Wide	Sky Meteo 24	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Fox Crime Italia +1	TV	DVB-S	5/6	Y 29.900	Videoguard	Italian
	Wide	Sky TG 24 Primo Piano	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Fox Life Italia +1	TV	DVB-S	5/6	Y 29.900	Videoguard	Italian
	Wide	Sky TG 24	TV	DVB-S	5/6	Y 29.900	Videoguard	Italian
	Wide	Nick Jr Italia +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Pesca	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Doctor's Life Channel	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	CNN International Europe	TV	DVB-S	5/6	29.900	Videoguard	English
11.881	V Wide	Sky Italia	package	DVB-S	3/4	27.500	Videoguard	
	Wide	National Geographic Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian
11.900	H Wide	Sky Italia	package	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Sport F1	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Sport Moto GP	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Inter TV	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Milan TV	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Torino Channel	TV	DVB-S2	3/4	29.900	Videoguard	Italian
11.938	H Wide	Nova	package	DVB-S2	3/4	27.500	Irdeto	
	Wide	E! Europe	TV	DVB-S2	3/4	27.500	Irdeto	English
	Wide	History Europe	TV	DVB-S2	3/4	27.500	Irdeto	English
	Wide	Nova Cinema 3	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Mad Greekz	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Novasports 24 HD	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	One Channel	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Disney Channel Middle East	TV	DVB-S2	3/4	27.500	Irdeto	"Greek,English"
	Wide	Nova Cinema 2	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Fox Life Greece	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Fox Greece	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Boomerang Central & Eastern Europe	TV	DVB-S2	3/4	27.500	Irdeto	"Greek,English"
	Wide	Nova games	interactiv e	DVB-S2	3/4	27.500	Irdeto	
	Wide	Novascope	interactiv e	DVB-S2	3/4	27.500	Irdeto	
	Wide	Mad Radio 106.2	radio	DVB-S2	3/4	27.500	Irdeto	Greek
11.958	V Wide	Sky Italia	package	DVB-S	3/4	27.500	Videoguard	
	Wide	Sky Sport 24	TV	DVB-S	3/4	27.500	Videoguard	Italian
	Wide	Sky Uno +1	TV	DVB-S	3/4	27.500	Videoguard	Italian
	Wide	Sky Sport Moto GP	TV	DVB-S	3/4	27.500	Videoguard	Italian
	Wide	Sky Sport Uno	TV	DVB-S	3/4	27.500	Videoguard	Italian
	Wide	Sky Sport Arena	TV	DVB-S	3/4	27.500	Videoguard	Italian
	Wide	Sky Sport Serie A	TV	DVB-S	3/4	27.500	Videoguard	Italian
	Wide	Boomerang Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian
	Wide	Nickelodeon Italia +1	TV	DVB-S	3/4	27.500	Videoguard	Italian
11.977	H Wide	Sky Italia	package	DVB-S	5/6	29.900	Videoguard	
	Wide	Crime + Investigation Network Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Wide	Fox News Channel	TV	DVB-S	5/6		29.900	Videoguard	English
	Wide	Sky News International	TV	DVB-S	5/6		29.900	Videoguard	English
	Wide	Lazio Style TV	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Ginx eSports TV Italia	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Vetrina Primafila	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Nat Geo Wild Italia	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Blaze Italia	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Sky Cinema Due	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	DeeJay 30 Songs	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Yesterjay '80	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Yesterjay '90	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Hit Italia	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Italian Vintage	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Capital '70	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Vintage '60	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Vibe	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Yesterjay 2000	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Heart 'n Song	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Dance	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Ritmo Latino	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Livetime	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Rock Classic	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Relax	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Chillout Cover	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Jazz & Fusion	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Jazz Gold	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Soul Train	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Extrabeat	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Sinfonia	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Opera	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Cinema DeeJay	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Country	radio	DVB-S	5/6		29.900	Videoguard	
	Wide	Dance 90	radio	DVB-S	5/6		29.900	Videoguard	
11.996	V Wide	Sky Italia	package	DVB-S2	3/4		29.900	Videoguard	
	Wide	Sky Sport Arena	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Discovery Science Italia	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Sky Cinema Comedy	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Sky Sport 24	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Sky Cinema Suspense	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Sky Arte	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Gambero Rosso Channel	TV	DVB-S2	3/4		29.900	Videoguard	Italian
12.015	H Wide	Cyfrowy Polsat	package	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	
	Wide	MTV Live HD	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	English
	Wide	MTV Music 24	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Nick Jr Central & Eastern Europe	TV	DVB-S2	3/4	Y	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English,Hungarian,Czech,Romanian,Bulgarian"
	Wide	VH1 Europe	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	English
	Wide	Nickelodeon Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Comedy Central Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"
	Wide	Paramount Channel Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Nicktoons Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,Hungarian,Romanian,Bulgarian,Czech"
	Wide	MTV Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	MTV Live HD	TV	DVB-S2	3/4		27.500	Nagravision	English
	Wide	Comedy Central Polska	TV	DVB-S2	3/4		27.500	Irdeto/Nagravision	Polish,English
	Wide	Paramount Channel Polska	TV	DVB-S2	3/4		27.500	Irdeto/Nagravision	Polish
	Wide	VOD 202	TV	DVB-S2	3/4		27.500	Irdeto/Nagravision	
	Wide	VOD 203	TV	DVB-S2	3/4		27.500	Irdeto/Nagravision	
	Wide	VOD 205	TV	DVB-S2	3/4		27.500	Irdeto/Nagravision	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	VOD 204	TV	DVB-S2	3/4	27.500	Irdeto/Nagravision	
	Wide	VOD 206	TV	DVB-S2	3/4	27.500	Irdeto/Nagravision	
	Wide	VOD 207	TV	DVB-S2	3/4	27.500	Irdeto/Nagravision	
	Wide	VOD 208	TV	DVB-S2	3/4	27.500	Irdeto/Nagravision	
	Wide	Xxx VOD 1	TV	DVB-S2	3/4	27.500	Irdeto/Nagravision	
	Wide	Xxx VOD 2	TV	DVB-S2	3/4	27.500	Irdeto/Nagravision	
	Wide	Polsat 1	TV	DVB-S2	3/4	27.500	Nagravision	Polish
12.034	V Wide	Sky Italia	package	DVB-S	5/6	29.900	Nagravision/Videoguard	
	Wide	MTV Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Cinema Uno	TV	DVB-S	5/6	Y 29.900	Videoguard	Italian
	Wide	MTV Music Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Cinema Family	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Cielo	TV	DVB-S	5/6	29.900	Nagravision/Videoguard	Italian
	Wide	Sky Cinema Action	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Cinema Uno +24	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Discovery Channel Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Cinema Romance	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Cinema Suspense	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Eurosport 2 Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Sport 8	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Radio InBlu	radio	DVB-S	5/6	29.900		Italian
	Wide	Sky Primafila 1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Vatican Radio 105 FM	radio	DVB-S	5/6	29.900		
	Wide	InBlu 2000	radio	DVB-S	5/6	29.900		Italian
12.054	H Wide	Sky Italia	package	DVB-S	5/6	29.900	Nagravision/Videoguard	
	Wide	Comedy Central Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Eurosport 1 Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Nick Jr Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Sport	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	MTV Rocks	TV	DVB-S	5/6	29.900	Videoguard	English
	Wide	National Geographic Italia +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Fox Crime Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Primafila 19	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Sport NBA	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Sport Football	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Uno	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Cinema Collection	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Cinema Comedy	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Cinema Drama	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Sport Golf	TV	DVB-S	5/6	29.900	Videoguard	Italian
12.073	V Wide	Sky Italia	package	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Atlantic	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Class CNBC	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Primafila 12	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Primafila 10	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Primafila 8	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Primafila 6	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Primafila 4	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Primafila 2	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Sport 2	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Sport 3	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Sport 4	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Sport 5	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Sport 6	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Sport 7	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Sport F1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Dove TV	TV	DVB-S	5/6	29.900	Videoguard	Italian
12.092	H Wide	Sky Italia	package	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky TG 24	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Blaze Italia	TV	DVB-S2	3/4	29.900	Videoguard	Italian
12.130	H Wide	Nova	package	DVB-S2	3/4	27.500	Irdeto	
	Wide	National Geographic Ellada	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Discovery Showcase HD	TV	DVB-S2	3/4	27.500	Irdeto	English
	Wide	ERT Sports	TV	DVB-S2	3/4	27.500	Irdeto	Greek

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Novasports 2	TV	DVB-S2	3/4	27.500	Irdeto	"English,Greek"
	Wide	Nat Geo Wild Europe	TV	DVB-S2	3/4	27.500	Irdeto	English
	Wide	Novasports 1	TV	DVB-S2	3/4	27.500	Irdeto	"English,Greek"
	Wide	Nova Cinema 1	TV	DVB-S2	3/4	27.500	Irdeto	Greek
12.149	V Wide	M-Three satcom	package	DVB-S	3/4	27.500		
	Wide	Watania 1	TV	DVB-S	3/4	27.500		Arabic
	Wide	CCTV 4 Europe	TV	DVB-S	3/4	27.500		Chinese
	Wide	PMC	TV	DVB-S	3/4	27.500		Farsi
	Wide	RTV San Marino	TV	DVB-S	3/4	27.500		Italian
	Wide	Alalam News Channel	TV	DVB-S	3/4	27.500		Arabic
	Wide	Bayyinat TV	TV	DVB-S	3/4	27.500		Arabic
	Wide	Radio Nationale	radio	DVB-S	3/4	27.500		Arabic
	Wide	Radio Tunis Chaîne Internationale	radio	DVB-S	3/4	27.500		
	Wide	Radio Freccia	radio	DVB-S	3/4	27.500		Italian
	Wide	Radio Italia	radio	DVB-S	3/4	27.500		Italian
	Wide	Radio Sportiva	radio	DVB-S	3/4	27.500		Italian
	Wide	RTL 102.5 FM	radio	DVB-S	3/4	27.500		Italian
	Wide	Radio Zeta FM	radio	DVB-S	3/4	27.500		Italian
	Wide	Radio 24	radio	DVB-S	3/4	27.500		Italian
	Wide	Radio Onda d'Urto	radio	DVB-S	3/4	27.500		Italian
	Wide	Radio DeeJay	radio	DVB-S	3/4	27.500		Italian
	Wide	Radio Capital	radio	DVB-S	3/4	27.500		Italian
	Wide	M2o	radio	DVB-S	3/4	27.500		Italian
	Wide	Radio Iglesias	radio	DVB-S	3/4	27.500		Italian
	Wide	Radio Popolare	radio	DVB-S	3/4	27.500		Italian
	Wide	Radio San Marino	radio	DVB-S	3/4	27.500		Italian
	Wide	Radio Mater	radio	DVB-S	3/4	27.500		Italian
	Wide	Radio Alamal FM	radio	DVB-S	3/4	27.500		Arabic
12.169	H Wide	Nova	package	DVB-S2	3/4	27.500	Irdeto	
	Wide	Novasports 4	TV	DVB-S2	3/4	27.500	Irdeto	"Greek,English"
	Wide	Novasports Extra 2	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Open Beyond TV	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	MyZen TV	TV	DVB-S2	3/4	27.500	Irdeto	French
	Wide	Travel Channel Europe	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Kontra	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Novalife	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	National Geographic Ellada	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Action 24	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Mad TV	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	MTV Europe	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Animal Planet Africa	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Vouli Tileorasi	TV	DVB-S2	3/4	27.500		Greek
	Wide	Nickelodeon Greece	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	VH1 Europe	TV	DVB-S2	3/4	27.500	Irdeto	English
	Wide	Fox Sports Europe	TV	DVB-S2	3/4	27.500	Irdeto	English
	Wide	Real FM	radio	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Vima FM 99.5	radio	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Sport 24 Radio 103.3	radio	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Sto Kokkino	radio	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Parapolitika 90.1 FM	radio	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Spor FM	radio	DVB-S2	3/4	27.500	Irdeto	Greek
12.188	V Wide	Cyfrowy Polsat	package	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	
	Wide	Polsat Seriale	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	AXN White Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	AXN Black Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Nat Geo Wild Polska	TV	DVB-S2	3/4	27.500	Irdeto/Nagravision	"Polish,English"
	Wide	Disco Polo Music	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TV Okazje	TV	DVB-S2	3/4	27.500		Polish
	Wide	Disco Polo Music	TV	DVB-S2	3/4	27.500	Irdeto/Nagravision	Polish
	Wide	Polsat Rodzina	TV	DVB-S2	3/4	27.500	Irdeto/Nagravision	Polish

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Wide	AXN Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision	Polish
	Wide	Disney XD Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Disney Channel Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"
	Wide	JimJam Polsat	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"
	Wide	MTV Rocks	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	ATM Rozrywka	TV	DVB-S2	3/4	Y	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Vivid Touch	TV	DVB-S2	3/4		27.500	Irdeto/Nagravision/Viaccess	English
	Wide	Superstacja	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Disney Channel Polska	TV	DVB-S2	3/4		27.500	Irdeto/Nagravision	Polish,English
	Wide	Viasat Explore Polsat	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Fox Comedy Polska	TV	DVB-S2	3/4		27.500	Irdeto/Mediaguard/Nagravision	"Polish,English"
	Wide	RMF FM	radio	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Muzo FM	radio	DVB-S2	3/4		27.500		Polish
	Wide	RMF Classic	radio	DVB-S2	3/4		27.500		Polish
	Wide	Polskie Radio Jedyńka	radio	DVB-S2	3/4		27.500	Irdeto/Nagravision	Polish
	Wide	Polskie Radio Trójka	radio	DVB-S2	3/4		27.500	Irdeto/Nagravision	Polish
	Wide	RMF Maxxx	radio	DVB-S2	3/4		27.500		Polish
	Wide	Radio Złote Przeboje	radio	DVB-S2	3/4		27.500		Polish
	Wide	RMF FM	radio	DVB-S2	3/4		27.500	Irdeto/Nagravision	Polish
	Wide	Polskie Radio Jedyńka	radio	DVB-S2	3/4		27.500	Irdeto/Nagravision	Polish
	Wide	Polskie Radio Trójka	radio	DVB-S2	3/4		27.500	Irdeto/Nagravision	Polish
12.207	H Wide	Sky Italia	package	DVB-S2	3/4		29.900	Videoguard	
	Wide	Discovery Channel Italia	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Class Horse TV	TV	DVB-S2	3/4		29.900	Videoguard	Italian
	Wide	Sky 4K HDR	TV	DVB-S2	3/4		29.900	Videoguard	Italian
12.226	V Wide	VoA	package	DVB-S	3/4		27.500		
	Wide	Nastoyashcheye Vremya	TV	DVB-S	3/4		27.500		Russian
	Wide	Nastoyashcheye Vremya	TV	DVB-S	3/4		27.500		Russian
	Wide	VoA TV Europe	TV	DVB-S	3/4		27.500		
	Wide	Radio Farda TV	TV	DVB-S	3/4		27.500		Farsi
	Wide	VoA TV Persian	TV	DVB-S	3/4		27.500		Farsi
	Wide	VoA TV Persian	TV	DVB-S	3/4		27.500		Farsi
	Wide	VoA TV Europe	TV	DVB-S	3/4		27.500		
	Wide	VoA TV Global	TV	DVB-S	3/4		27.500		English
	Wide	Voice of America	radio	DVB-S	3/4		27.500		
	Wide	Radio Free Europe/Radio Liberty	radio	DVB-S	3/4		27.500		Russian
	Wide	Voice of America	radio	DVB-S	3/4		27.500		Ukrainian
	Wide	Radio Free Europe/Radio Liberty	radio	DVB-S	3/4		27.500		Armenian
	Wide	Voice of America	radio	DVB-S	3/4		27.500		Georgian
	Wide	Radio Free Europe/Radio Liberty	radio	DVB-S	3/4		27.500		Belarussian
	Wide	VoA 1	radio	DVB-S	3/4		27.500		English
	Wide	Voice of America	radio	DVB-S	3/4		27.500		
	Wide	Radio Slobodna Evropa Makedonija	radio	DVB-S	3/4		27.500		Macedonian
	Wide	Voice of America	radio	DVB-S	3/4		27.500		
	Wide	Radio Slobodna Evropa	radio	DVB-S	3/4		27.500		
	Wide	VoA Africa Live	radio	DVB-S	3/4		27.500		English
	Wide	Voice of America	radio	DVB-S	3/4		27.500		
	Wide	Radio France Internationale	radio	DVB-S	3/4		27.500		French
	Wide	Voice of America	radio	DVB-S	3/4		27.500		
	Wide	VoA 1	radio	DVB-S	3/4		27.500		English
	Wide	Radio Evropa e Lirë	radio	DVB-S	3/4		27.500		Albanian
	Wide	Voice of America	radio	DVB-S	3/4		27.500		
	Wide	Radio Free Europe/Radio Liberty	radio	DVB-S	3/4		27.500		
	Wide	Voice of America	radio	DVB-S	3/4		27.500		
	Wide	Radio Free Europe/Radio Liberty	radio	DVB-S	3/4		27.500		
	Wide	VoA Eastern Europe	radio	DVB-S	3/4		27.500		
	Wide	Radio Free Europe/Radio Liberty	radio	DVB-S	3/4		27.500		
	Wide	VoA Eastern Europe	radio	DVB-S	3/4		27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Radio Free Europe/Radio Liberty	radio	DVB-S	3/4	27.500		
	Wide	Radio Free Europe/Radio Liberty	radio	DVB-S	3/4	27.500		
	Wide	Radio Free Europe/Radio Liberty	radio	DVB-S	3/4	27.500		
	Wide	Radio Sawa Levant	radio	DVB-S	3/4	27.500		Arabic
	Wide	Radio Sawa Iraq	radio	DVB-S	3/4	27.500		Arabic
	Wide	Voice of America	radio	DVB-S	3/4	27.500		
	Wide	Radio Sawa Gulf	radio	DVB-S	3/4	27.500		Arabic
	Wide	Radio Sawa North Africa	radio	DVB-S	3/4	27.500		Arabic
	Wide	Radio Free Asia	radio	DVB-S	3/4	27.500		
	Wide	Voice of America	radio	DVB-S	3/4	27.500		Arabic
	Wide	Radio Sawa Sudan	radio	DVB-S	3/4	27.500		Arabic
	Wide	Radio Sawa Lebanon	radio	DVB-S	3/4	27.500		Arabic
	Wide	Radio Svoboda	radio	DVB-S	3/4	27.500		Russian
	Wide	Radio Svoboda Ukraina	radio	DVB-S	3/4	27.500		Ukrainian
	Wide	Radio Ozodi	radio	DVB-S	3/4	27.500		Tajik
	Wide	Radio Svoboda	radio	DVB-S	3/4	27.500		Belarussian
	Wide	Radio Tavisupleba	radio	DVB-S	3/4	27.500		Georgian
	Wide	Radio Azatutyun	radio	DVB-S	3/4	27.500		Armenian
	Wide	Deewa Radio	radio	DVB-S	3/4	27.500		
	Wide	Mashaal Radio	radio	DVB-S	3/4	27.500		Pushto
	Wide	Azattyk Unalgysy	radio	DVB-S	3/4	27.500		
	Wide	Ozodlik Radiosi	radio	DVB-S	3/4	27.500		Uzbek
	Wide	Azadliq Radiosu	radio	DVB-S	3/4	27.500		Azerbaijan
	Wide	Voice of America	radio	DVB-S	3/4	27.500		
	Wide	Azatlyk Radiosy	radio	DVB-S	3/4	27.500		Turkmen
	Wide	Krym Realii	radio	DVB-S	3/4	27.500		Russian
	Wide	Radio Liberty North Caucasus	radio	DVB-S	3/4	27.500		
	Wide	Radio Europa Libera	radio	DVB-S	3/4	27.500		Romanian
	Wide	Radio Slobodna Evropa	radio	DVB-S	3/4	27.500		
	Wide	Radio Farda	radio	DVB-S	3/4	27.500		Farsi
	Wide	Radio Evropa e Lirë	radio	DVB-S	3/4	27.500		Albanian
	Wide	Ekho Kavkaza	radio	DVB-S	3/4	27.500		Russian
	Wide	Voice of America	radio	DVB-S	3/4	27.500		
	Wide	Radio Sawa Egypt	radio	DVB-S	3/4	27.500		Arabic
	Wide	Voice of America	radio	DVB-S	3/4	27.500		Urdu
12.265	V Wide	Cyfrowy Polsat	package	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	
	Wide	Polsat Sport	TV	DVB-S2	3/4	27.500	Irdeto/Nagravision	Polish
	Wide	Fox Comedy Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Viasat History Polsat	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TVP 2	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Polsat Doku	TV	DVB-S2	3/4	27.500	Irdeto/Nagravision	Polish
	Wide	Polsat Sport Extra	TV	DVB-S2	3/4	27.500	Irdeto/Nagravision	Polish
	Wide	AXN Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Cinemax 2 Central Europe	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Fox Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	History HD Europe	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"
	Wide	Crime + Investigation Polsat	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"
	Wide	Crime + Investigation Polsat	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish,English
12.284	H Wide	Cyfrowy Polsat	package	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	
	Wide	TNT Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"
	Wide	Cartoon Network Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"
	Wide	Nat Geo People	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"
	Wide	Viasat Nature Polsat	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Extreme Sports Channel Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	CBS Europa	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Eurosport 2 Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"
	Wide	Discovery Science Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"
	Wide	HBO Polska	TV	DVB-S2	3/4	Y 27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Polsat Sport Fight	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Polsat Sport News	TV	DVB-S2	3/4	27.500	Irdeto/Nagravision	Polish
	Wide	Disney Junior Türkiye & Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"
12.303	V Wide	unknown	package	DVB-S2	3/4	27.500		
	Wide	Record TV Europa	TV	DVB-S2	3/4	27.500		Portuguese
	Wide	Telesur	TV	DVB-S2	3/4	27.500		Spanish
	Wide	TBN Europe	TV	DVB-S2	3/4	27.500		English
	Wide	Life TV	TV	DVB-S2	3/4	27.500		Russian
	Wide	Hillsong Channel	TV	DVB-S2	3/4	27.500		English
	Wide	Al Horreya TV	TV	DVB-S2	3/4	27.500		Arabic
	Wide	TBN Polska	TV	DVB-S2	3/4	27.500		Polish
	Wide	TBN Nejat TV	TV	DVB-S2	3/4	27.500		Farsi
	Wide	Kanal Hayat	TV	DVB-S2	3/4	27.500		Turkish
	Wide	TCI	TV	DVB-S2	3/4	27.500		Italian
	Wide	TVE Internacional Europa	TV	DVB-S2	3/4	Y 27.500		Spanish
	Wide	Canal 24 Horas	TV	DVB-S2	3/4	Y 27.500		Spanish
	Wide	RNE Radio Nacional	radio	DVB-S2	3/4	27.500		Spanish
	Wide	RNE Radio Clásica	radio	DVB-S2	3/4	27.500		Spanish
	Wide	RNE Radio 3	radio	DVB-S2	3/4	27.500		Spanish
	Wide	RNE Radio 5	radio	DVB-S2	3/4	27.500		Spanish
	Wide	Radio Exterior	radio	DVB-S2	3/4	27.500		Spanish
	Wide	RNE Ràdio 4	radio	DVB-S2	3/4	27.500		Catalan
12.322	H Wide	Eutelsat	package	DVB-S	3/4	27.500		
	Wide	BBC Persian	TV	DVB-S	3/4	27.500		Farsi
	Wide	Detski Mir	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Wide	Ronahi TV	TV	DVB-S	3/4	27.500		Kurdish
	Wide	Nashe Lubimoe Kino	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Wide	Stêrk	TV	DVB-S	3/4	27.500		Kurdish
	Wide	Velayat TV Network	TV	DVB-S	3/4	27.500		Farsi
	Wide	Iran International	TV	DVB-S	3/4	27.500		Farsi
12.341	V Wide	Sky Italia	package	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Cinema Uno	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Primafila 8	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Primafila 10	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Uno	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Sport Uno	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Atlantic	TV	DVB-S2	3/4	29.900	Videoguard	Italian
12.360	H Wide	Eurosport 2 Italia	TV	DVB-S2	3/4	29.900	Videoguard	"Italian,English"
	Wide	Sky Cinema Uno +24	TV	DVB-S2	3/4	Y 29.900	Videoguard	Italian
	Wide	Sky Sport Serie A	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Cinema Romance	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	CNBC Europe	TV	DVB-S2	3/4	29.900		English
	Wide	Sky Sport Football	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Cinema Family	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Atlantic +1	TV	DVB-S2	3/4	29.900	Videoguard	Italian
12.380	V Wide	Globecast	package	DVB-S	3/4	27.500		
	Wide	EuroNews Russskiy	TV	DVB-S	3/4	27.500		Russian
	Wide	EuroNews Magyar	TV	DVB-S	3/4	27.500		Hungarian
	Wide	Al Rayyan Radio	radio	DVB-S	3/4	27.500		Arabic
	Wide	RFI Français	radio	DVB-S	3/4	27.500		French
	Wide	RFI Langues Est	radio	DVB-S	3/4	27.500		
	Wide	RFI Langues Diverse	radio	DVB-S	3/4	27.500		
	Wide	RFI Afrique	radio	DVB-S	3/4	27.500		French
	Wide	RFI Diverse 7	radio	DVB-S	3/4	27.500		
	Wide	Monte Carlo Doualiya	radio	DVB-S	3/4	27.500		Arabic
12.399	H Wide	Sama Dubai	TV	DVB-S2	2/3	29.700		Arabic

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Dubai TV International	TV	DVB-S2	2/3	29.700		Arabic
	Wide	Dubai Sports	TV	DVB-S2	2/3	29.700		"English,Arabic"
	Wide	Sudan TV	TV	DVB-S2	2/3	29.700		Arabic
	Wide	Noor Dubai Radio	radio	DVB-S2	2/3	29.700		Arabic
	Wide	Al Masriyah	TV	DVB-S2	2/3	29.700		Arabic
	Wide	Jordan TV	TV	DVB-S2	2/3	29.700		Arabic
	Wide	Libya Al Wataniya	TV	DVB-S2	2/3	29.700		Arabic
	Wide	KTV 1	TV	DVB-S2	2/3	29.700		Arabic
	Wide	Oman TV	TV	DVB-S2	2/3	29.700		Arabic
	Wide	Sudan Radio	radio	DVB-S2	2/3	29.700		Arabic
	Wide	Holy Quran Radio	radio	DVB-S2	2/3	29.700		Arabic
	Wide	Sout Al-Arab	radio	DVB-S2	2/3	29.700		Arabic
	Wide	El-Bernameg Al-Aam	radio	DVB-S2	2/3	29.700		Arabic
	Wide	El-Quran El-Karim	radio	DVB-S2	2/3	29.700		Arabic
	Wide	Kuwait Radio One	radio	DVB-S2	2/3	29.700		Arabic
	Wide	Radio Oman	radio	DVB-S2	2/3	29.700		Arabic
	Wide	AlQuran Alkarem	radio	DVB-S2	2/3	29.700		Arabic
	Wide	Radio Oman FM	radio	DVB-S2	2/3	29.700		English
	Wide	Al-Shabab	radio	DVB-S2	2/3	29.700		Arabic
12.418	V Wide	Sky Italia	package	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Sport 5	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Sport 6	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Primafila 6	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Sport	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Eurosport 1 Italia	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Sport 2	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Primafila 4	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Sky Primafila 12	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Roma TV	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	DAZN 1 Italia	TV	DVB-S2	3/4	29.900	Videoguard	Italian
12.437	H Wide	Viasat Sport East	TV	DVB-S2	3/5	29.900	Verimatrix (B)	Russian,English
12.466	V Wide	Sky Italia	package	DVB-S2	3/4	29.900	Nagravision/Viaccess/Videoguard	
	Wide	Premium Stories	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Premium Action	TV	DVB-S2	3/4	29.900	Videoguard	Italian
	Wide	Premium Crime	TV	DVB-S2	3/4	29.900	Videoguard	Italian
12.476	H Wide	Globecast	package	DVB-S2	3/4	29.900		
	Wide	RT News	TV	DVB-S2	3/4	29.900		English
	Wide	RT Documentary	TV	DVB-S2	3/4	29.900		English
	Wide	Telepace	TV	DVB-S2	3/4	29.900		Italian
	Wide	2M Monde	TV	DVB-S2	3/4	29.900		Arabic
	Wide	BBC Brit Polska	TV	DVB-S2	3/4	29.900	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"
	Wide	CBebies Polska	TV	DVB-S2	3/4	29.900	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"
	Wide	BBC Lifestyle Polska	TV	DVB-S2	3/4	29.900	Conax/Irdeto/Nagravision/Viaccess	"Polish,English"
	Wide	EuroNews Italiano	TV	DVB-S2	3/4	29.900		Italian
	Wide	EuroNews Ellinika	TV	DVB-S2	3/4	29.900		Greek
	Wide	Al Rayyan Al Qadeem	TV	DVB-S2	3/4	29.900		Arabic
	Wide	Equidia Pro 1	TV	DVB-S2	3/4	29.900	Viaccess	"French,English,German"
	Wide	Equidia Pro 2	TV	DVB-S2	3/4	29.900	Viaccess	French
	Wide	Radio Vaticana Telepace	radio	DVB-S2	3/4	29.900		
	Wide	Sout Al Islam	radio	DVB-S2	3/4	29.900		Arabic
	Wide	Radio 2M	radio	DVB-S2	3/4	29.900		
12.520	V Wide	Ronahî TV	TV	DVB-S2	3/4	27.500		Kurdish
12.597	V Wide	Globecast	package	DVB-S	3/4	27.500		
	Wide	BBC World News Europe	TV	DVB-S	3/4	27.500		English
	Wide	Perviy kanal Europa	TV	DVB-S	3/4	27.500		Russian
	Wide	CNN International Europe	TV	DVB-S	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	English
	Wide	JSTV 1	TV	DVB-S	3/4	27.500	Conax	"Japanese,English"
	Wide	JSTV 2	TV	DVB-S	3/4	27.500	Conax	"Japanese,English"
	Wide	Perviy kanal Europa	TV	DVB-S	3/4	27.500		Russian
	Wide	RT Documentary	TV	DVB-S	3/4	27.500		English
	Wide	National Prison Radio	radio	DVB-S	3/4	27.500		English
12.673	V Wide	Sky Italia	package	DVB-S	5/6	29.900	Videoguard	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Sky Primafila 23	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Primafila 22	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Primafila 20	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Primafila 3	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Primafila 5	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Sky Primafila 21	TV	DVB-S	5/6	29.900	Videoguard	Italian

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11.648	V Europe	Al-Manar TV	TV	DVB-S	3/4	3.000		Arabic
	Europe	Alnour Radio	radio	DVB-S	3/4	3.000		Arabic

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4.506	V C	Rede Centro Oeste	package	DVB-S2	2/3	5.000		
	C	SBT MS	TV	DVB-S2	2/3	5.000		Portuguese
	C	TV Guanandi	TV	DVB-S2	2/3	5.000		Portuguese
4.510	V C	TV Assembleia Paraná	TV	DVB-S2	2/3	2.083		Portuguese
4.515	V C	TVE Bahia	TV	DVB-S	3/4	4.286		Portuguese
	C	Educadora FM	radio	DVB-S	3/4	4.286		Portuguese
4.566	H C	TV Cachoeira	package	DVB-S2	3/4	5.083		
	C	TV Cachoeira	TV	DVB-S2	3/4	5.083		Portuguese
	C	TV Cachoeira	TV	DVB-S2	3/4	5.083		Portuguese
4.614	H C	TV Atalaia	TV	DVB-S2	3/4	2.400		Portuguese
	C	Xodó FM Aracaju	radio	DVB-S2	3/4	2.400		Portuguese
4.692	H C	Band Triângulo	package	DVB-S2	3/4	3.720		
	C	Band Triângulo	TV	DVB-S2	3/4	3.720		Portuguese
	C	Band Triângulo	TV	DVB-S2	3/4	3.720		Portuguese
4.698	H C	TV Integração Zona da Mata	package	DVB-S2	3/4	6.668	Irdeto	
	C	TV Integração Zona da Mata	TV	DVB-S2	3/4	6.668	Irdeto	Portuguese
	C	TV Integração Zona da Mata	TV	DVB-S2	3/4	6.668	Irdeto	Portuguese
4.705	H C	TV Integração Ituiutaba	package	DVB-S2	3/4	5.000	Irdeto	
	C	TV Integração Ituiutaba	TV	DVB-S2	3/4	5.000	Irdeto	Portuguese
	C	TV Integração Ituiutaba	TV	DVB-S2	3/4	5.000		Portuguese
4.712	H C	TVE Bahia	package	DVB-S2	3/4	4.780		
	C	TVE Bahia	TV	DVB-S2	3/4	4.780		Portuguese
	C	TVE Bahia	TV	DVB-S2	3/4	4.780		Portuguese
	C	Educadora FM	radio	DVB-S2	3/4	4.780		Portuguese
4.770	V C	Eutelsat	package	DVB-S2	3/4	45.000		
	C	Eutelsat promo	TV	DVB-S2	3/4	45.000		
	C	Eutelsat promo	TV	DVB-S2	3/4	45.000		

EXPRESS AT2

12.226	L Ku	NTV Plus Dalniy Vostok	package	DVB-S2	3/4	27.500		
	Ku	Fashion One 4K	TV	DVB-S2	3/4	27.500		English
	Ku	Home 4K	TV	DVB-S2	3/4	27.500		Russian
	Ku	Stingray Festival 4K	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
12.245	R Ku	NTV Plus Dalniy Vostok	package	DVB-S2	3/4	27.500	Viaccess	
	Ku	Evrokino	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Illusion +	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Tochka Otryva	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Russkiy Illusion	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Cartoon Network Russia & South East Europe	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Ku	Fox Russia	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Ku	Fox Life Russia	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Ku	Detski Mir	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	EuroNews Russkiy	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Eurosport 1 Rossiya	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Ku	Bober	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Dom Kino	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	JimJam Rossiya	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Ku	Morskoi	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Hollywood HD	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Ku	Nat Geo Wild Russia	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Ku	National Geographic Russia	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Ku	Nickelodeon CIS	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Ku	TLC Russia	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Ku	TV XXI	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Ku	V Gostyakh u Skazki	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	CBS Reality Europe	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Ku	Extreme Sports Channel	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Ku	MTV Russia	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Eurosport 2 Rossiya	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
12.303	L Ku	NTV Plus Dalniy Vostok	package	DVB-S2	3/4	27.500	Viaccess	
	Ku	Match!	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	KHL TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Auto Plus	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Match! Boets	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Europa Plus TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Indijskoe Kino	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Telekanal Spas	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Kinokomedija	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Kuhnya TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	La Minor	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Kinoserija	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	365 dnei TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	OTR	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Bridge TV Russkiy Hit	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	RBK TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Bridge TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Konniiy Mir	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Rossiia 24	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Sovershenno Sekretno TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Bollywood HD	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Moya Planeta	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Outdoor Channel International	TV	DVB-S2	3/4	27.500	Viaccess	English
	Ku	Match! Strana	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	World Fashion Channel Russia	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Muzhskoe Kino	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Russkaya Noch	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Nostalgia	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	NHK World Japan	TV	DVB-S2	3/4	27.500	Viaccess	English
12.322	R Ku	NTV Plus Dalniy Vostok	package	DVB-S2	3/4	27.500	Viaccess	
	Ku	Kinosemja	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Kinosvidanie	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Kinohit	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Nashe Novoe Kino	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Kinomiks	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Rodnoe Kino	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Nashe TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Muz TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Mama	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	A2	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	A1	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Ku	Russkij Extrem	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Telekanal 2x2	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	RT Doc	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Telekanal Doktor	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	NTV Serial	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Telekanal O!	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Kto est kto	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Boks TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Discovery Science Rossiya	TV	DVB-S2	3/4	27.500	Viaccess	Russian,English
	Ku	Investigation Discovery Rossiya	TV	DVB-S2	3/4	27.500	Viaccess	"Russian,English"
	Ku	Tiji Russia	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Gulli Girl	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Ani	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	TDK	TV	DVB-S2	3/4	27.500	Viaccess	Russian
12.380	L Ku	NTV Plus Dalniy Vostok	package	DVB-S2	3/4	27.500	Viaccess	
	Ku	Perviy kanal	TV	DVB-S2	3/4	Y 27.500	Viaccess	Russian
	Ku	Rossiia 1	TV	DVB-S2	3/4	Y 27.500	Viaccess	Russian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Ku	NTV	TV	DVB-S2	3/4	Y	27.500	Viaccess	Russian
	Ku	5 Kanal	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	Rossiia K	TV	DVB-S2	3/4	Y	27.500	Viaccess	Russian
	Ku	Karusel	TV	DVB-S2	3/4	Y	27.500	Viaccess	Russian
	Ku	TV Centr Dal'nii Vostok	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	REN TV	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	STS	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	Domashniy	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	TV 3	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	Pyatnitsa!	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	Telekanal Zvezda	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	Mir	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	TNT	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	Che!	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	STS Love	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	TNT 4	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	U	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	Kanal Disney	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	Prodvizhenie Sibir	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	NVK Sakha	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	OTV Prim	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	Gubernia	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	TNV Planeta	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	Humor FM	radio	DVB-S2	3/4		27.500		Russian
	Ku	Radio Dlya Dvoih	radio	DVB-S2	3/4		27.500		Russian
	Ku	Radio Romantika	radio	DVB-S2	3/4		27.500		Russian
	Ku	Avtoradio	radio	DVB-S2	3/4		27.500		Russian
	Ku	Radio Vanya	radio	DVB-S2	3/4		27.500		Russian
	Ku	NRJ Russia	radio	DVB-S2	3/4		27.500		Russian
	Ku	DFM	radio	DVB-S2	3/4		27.500		Russian
	Ku	Russkoe Radio	radio	DVB-S2	3/4		27.500		Russian
	Ku	Hit FM	radio	DVB-S2	3/4		27.500		Russian
	Ku	Maximum 103.7 FM	radio	DVB-S2	3/4		27.500		Russian
	Ku	Business FM	radio	DVB-S2	3/4		27.500		Russian
	Ku	Militseyskaya Volna	radio	DVB-S2	3/4		27.500		Russian
	Ku	Comedy Radio	radio	DVB-S2	3/4		27.500		Russian
	Ku	Radio Komsomolskaya Pravda	radio	DVB-S2	3/4		27.500		Russian
	Ku	Relax FM	radio	DVB-S2	3/4		27.500		Russian
	Ku	Echo Moskva	radio	DVB-S2	3/4		27.500		Russian
	Ku	Radio Mir	radio	DVB-S2	3/4		27.500		Russian
	Ku	Love Radio	radio	DVB-S2	3/4		27.500		Russian
	Ku	Radio Chanson	radio	DVB-S2	3/4		27.500		Russian
	Ku	Detskoe Radio Moskva	radio	DVB-S2	3/4		27.500		Russian
12.456	L Ku	NTV Plus Dalniy Vostok	package	DVB-S2	3/4		27.500	Viaccess	
	Ku	Dom Kino Premium	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	Kinopremyera	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	Match! Arena	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	Rossiia 1	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	HDL	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	Hollywood HD	TV	DVB-S2	3/4		27.500	Viaccess	"Russian,English"
	Ku	Travel Channel Europe	TV	DVB-S2	3/4		27.500	Viaccess	"Russian,English"
12.476	R Ku	NTV Plus Dalniy Vostok	package	DVB-S2	3/4		27.500	Viaccess	
	Ku	Match! Futbol 2	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	Match!	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	Match! Igra	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	Match! Futbol 1	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	Perviy kanal	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	Match Premier	TV	DVB-S2	3/4		27.500	Viaccess	Russian
	Ku	Match! Futbol 3	TV	DVB-S2	3/4		27.500	Viaccess	Russian

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10.970	H Ku 1	Star TV México	package	DVB-S2	3/4		30.000	Irdeto	
	Ku 1	La Mexicana TV	TV	DVB-S2	3/4		30.000	Irdeto	Spanish
	Ku 1	Las Estrellas México +2	TV	DVB-S2	3/4		30.000	Irdeto	Spanish
	Ku 1	Canal Star TV	TV	DVB-S2	3/4		30.000		Spanish

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Ku 1	Sony Channel Centro	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Multimedios Plus	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Warner Channel México	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Universal TV México	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Tru TV América Latina	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	National Geographic Norte	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Disney Channel México	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Disney XD México	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Boomerang México	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Cinemax Latinoamérica	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	HBO Latinoamérica	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Fox Premium Series Oeste	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Fox Premium Family Oeste	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	ESPN México	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
11.010	H Ku 1	Star TV México	package	DVB-S2	3/4	30.000	Irdeto	
	Ku 1	Las Estrellas México	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	A+	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Canal 22.2	TV	DVB-S2	3/4	30.000		Spanish
	Ku 1	MTV Latino Norte	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Telehit Urbano	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Nueve	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	AXN Latinoamérica	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Tinovelas América	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	TNT Series México	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	History Latinoamérica	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Nickelodeon Norte	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	BitMe	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Golden	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	HBO 2 Latinoamérica	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	HBO Family Latinoamérica	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	HBO Pop Latinoamérica	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	ESPN 2 América Latina	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
11.050	H Ku 1	Star TV México	package	DVB-S2	3/4	30.000	Irdeto	
	Ku 1	Imagen TV	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Once	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	TV UNAM	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Canal 22 Nacional	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	ADN 40	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Justicia TV	TV	DVB-S2	3/4	30.000		Spanish
	Ku 1	Foro TV	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Syfy Latin	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Lifetime Latinoamérica	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Comedy Central Latinoamérica Norte	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	History 2 Latinoamérica	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Enlace	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Once niñas y niños	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Cinecanal Oeste	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Studio Universal México	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Fox Sports 2 Latin America	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	Playboy TV Latin America	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
11.480	H Ku 1	Azteca Uno	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
11.520	H Ku 1	Canal 5	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	HBO Xtreme Latinoamérica	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
	Ku 1	HBO Mundi México	TV	DVB-S2	3/4	30.000	Irdeto	Spanish
11.560	H Ku 1	Azteca 7	TV	DVB-S2	3/4	30.000	Irdeto	Spanish

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3.916	H C	Hope Channel International	TV	DVB-S2	3/4	3.330		English
	C	LifeTalk Radio	radio	DVB-S2	3/4	3.330		English
	C	Hope FM 107	radio	DVB-S2	3/4	3.330		English
	C	Hope FM Papua New Guinea	radio	DVB-S2	3/4	3.330		English
3.964	V C	Sydney Teleport Services	package	DVB-S2	5/6	5.832	Irdeto	
	C	Premier League TV	TV	DVB-S2	5/6	5.832	Irdeto	English
	C	Sky News Australia	TV	DVB-S2	5/6	5.832	Irdeto	English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
3.969	C	SET International	TV	DVB-S2	5/6	5.832	Irdeto	Chinese
	H C	Walesi	package	DVB-S2	3/5	7.500	Verimatrix	
	C	FBC TV	TV	DVB-S2	3/5	7.500	Verimatrix	
	C	FBC Sports	TV	DVB-S2	3/5	7.500	Verimatrix	
	C	FBC 2	TV	DVB-S2	3/5	7.500	Verimatrix	
	C	Education Channel	TV	DVB-S2	3/5	7.500	Verimatrix	
	C	Fiji One	TV	DVB-S2	3/5	7.500	Verimatrix	English
	C	Parliament of Fiji	TV	DVB-S2	3/5	7.500	Verimatrix	English
	C	Mai TV	TV	DVB-S2	3/5	7.500	Verimatrix	English
	C	Hope Channel Fiji	TV	DVB-S2	3/5	7.500	Verimatrix	English
4.196	H C	Channel 2	TV	DVB-S2	3/5	7.500	Verimatrix	English
4.196	H C	NBC TV	TV	DVB-S2	3/4	1.415		English
11.537	V SW Pacific	SpeedCast	interactiv e	DVB-S2	?	1.500		
11.623	V North Pacific	Altegro Sky	interactiv e	DVB-S2	8/9	3.500		
11.646	V SE Pacific	SpeedCast	interactiv e	DVB-S2	?	2.200		
12.531	H South Pacific	Eutelsat promo	TV	DVB-S2	3/5	31.000		English

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4.109	H C	unknown	package	DVB-S2	3/4	9.600		
	C	Canal Once	TV	DVB-S2	3/4	9.600		Spanish
12.008	H Ku 4	Ici Radio Canada Télé Montréal	TV	DVB-S	2/3	7.350		French

EUTELSAT 33E

10.758	V Wide	unknown	package	DVB-S2	5/6	27.500	Irdeto	
	Wide	France 24 English	TV	DVB-S2	5/6	27.500		English
	Wide	Rai Storia	TV	DVB-S2	5/6	27.500	Irdeto	French
	Wide	ARTE Français	TV	DVB-S2	5/6	27.500	Irdeto	"French,German"
	Wide	A1 Aoula Europe	TV	DVB-S2	5/6	27.500	Irdeto	Arabic
	Wide	2M Monde	TV	DVB-S2	5/6	27.500	Irdeto	Arabic
	Wide	TV 5 Monde Maghreb-Orient	TV	DVB-S2	5/6	27.500	Irdeto	French
	Wide	Al Maghribia	TV	DVB-S2	5/6	27.500	Irdeto	Arabic
	Wide	TV 5 Monde Afrique	TV	DVB-S2	5/6	27.500	Irdeto	French
	Wide	TV 5 Monde Style HD	TV	DVB-S2	5/6	27.500	Irdeto	French
	Wide	Tivi 5 Monde	TV	DVB-S2	5/6	27.500	Irdeto	French
	Wide	Trace Urban	TV	DVB-S2	5/6	27.500	Irdeto	French
11.350	V Wide	Skylogic	interactiv e	DVB-S	1/2	15.710		
12.598	V Wide	unknown	package	DVB-S2X	25/36	10.057		
	Wide	TMC Suisse	TV	DVB-S2X	25/36	10.057		French
	Wide	TFX Suisse	TV	DVB-S2X	25/36	10.057		French
	Wide	TF 1 Suisse	TV	DVB-S2X	25/36	10.057		French
12.646	H Wide	Vivacom TV	package	DVB-S2	3/4	13.910		
	Wide	BTv	TV	DVB-S2	3/4	13.910		Bulgarian
	Wide	Nova TV	TV	DVB-S2	3/4	13.910		Bulgarian
	Wide	BNT 1	TV	DVB-S2	3/4	13.910		Bulgarian
	Wide	BNT 2	TV	DVB-S2	3/4	13.910		Bulgarian
	Wide	BNT 3	TV	DVB-S2	3/4	13.910		Bulgarian
12.722	V Wide	TV Mobilna	package	DVB-S2	3/4	16.730	Irdeto	
	Wide	Polsat News	TV	DVB-S2	3/4	16.730		Polish
	Wide	TVP Seriale	TV	DVB-S2	3/4	16.730	Irdeto	Polish
	Wide	Polsat Sport	TV	DVB-S2	3/4	16.730	Irdeto	Polish
	Wide	Polsat Film	TV	DVB-S2	3/4	16.730	Irdeto	Polish
	Wide	Comedy Central Polska	TV	DVB-S2	3/4	16.730	Irdeto	Polish
	Wide	Nickelodeon Europe	TV	DVB-S2	3/4	16.730	Irdeto	Polish
	Wide	Kino Polska	TV	DVB-S2	3/4	16.730	Irdeto	Polish
	Wide	Polsat Sport Extra	TV	DVB-S2	3/4	16.730	Irdeto	Polish
	Wide	Polsat Café	TV	DVB-S2	3/4	16.730	Irdeto	Polish
	Wide	Polsat Play	TV	DVB-S2	3/4	16.730	Irdeto	Polish
	Wide	Tele 5	TV	DVB-S2	3/4	16.730	Irdeto	Polish
	Wide	Muzo FM	radio	DVB-S2	3/4	16.730	Irdeto	Polish
	Wide	Polskie Radio Trójka	radio	DVB-S2	3/4	16.730	Irdeto	Polish

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Wide	RMF FM	radio	DVB-S2	3/4		16.730	Irdeto	Polish
	Wide	RMF Maxxx	radio	DVB-S2	3/4		16.730	Irdeto	Polish
	Wide	Radio Zet	radio	DVB-S2	3/4		16.730	Irdeto	Polish
	Wide	Antyradio	radio	DVB-S2	3/4		16.730	Irdeto	Polish
	Wide	Radio Plus FM	radio	DVB-S2	3/4		16.730	Irdeto	Polish
	Wide	Radio Zlote Przeboje	radio	DVB-S2	3/4		16.730	Irdeto	Polish
	Wide	Tok FM	radio	DVB-S2	3/4		16.730	Irdeto	Polish
	Wide	Rock Radio	radio	DVB-S2	3/4		16.730	Irdeto	Polish
	Wide	Radio Eska Rock	radio	DVB-S2	3/4		16.730	Irdeto	Polish
	Wide	Radio Vox FM	radio	DVB-S2	3/4		16.730	Irdeto	Polish

HOTBIRD 13C

10.719	V Wide	Platforma Canal +	package	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	
	Wide	Trace Urban	TV	DVB-S2	3/4		27.500	Conax/Mediaguard/Nagravision/Viaccess	English
	Wide	Cinemax Central Europe	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"
	Wide	Nat Geo Wild Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"
	Wide	TVP HD	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TVP Info	TV	DVB-S2	3/4		27.500		Polish
	Wide	TVP 3 Warszawa	TV	DVB-S2	3/4	Y	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Active Family	TV	DVB-S2	3/4		27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Canal + 4K Ultra HD	TV	DVB-S2	3/4		27.500	Nagravision	Polish
	Wide	Cinemax Central Europe	TV	DVB-S2	3/4		27.500	Irdeto/Nagravision	Polish,English
	Wide	Nat Geo Wild Polska	TV	DVB-S2	3/4		27.500	Irdeto/Nagravision	"Polish,English"
10.758	V Wide	Cyfrowy Polsat	package	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	
	Wide	W Polsce PL	TV	DVB-S2	3/4		27.500	Irdeto/Nagravision	Polish
	Wide	Stopklatka TV	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Stars TV	TV	DVB-S2	3/4		27.500		Polish
	Wide	Da Vinci Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Polsat Games	TV	DVB-S2	3/4	Y	27.500	Irdeto/Nagravision	Polish
	Wide	Metro	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TVP Rozrywka	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TV Republika	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	FilmBox Arthouse Worldwide	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	4 Fun TV	TV	DVB-S2	3/4		27.500		Polish
	Wide	4 Fun Dance	TV	DVB-S2	3/4		27.500		Polish
	Wide	Epic Drama	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Zoom TV	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Polsat Music	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Polsat Music	TV	DVB-S2	3/4		27.500	Irdeto/Nagravision	Polish
	Wide	Boomerang Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"
	Wide	Polo TV	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Eska TV Extra	TV	DVB-S2	3/4		27.500		Polish
	Wide	Eska TV	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Fokus TV	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Nowa TV	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
10.796	V Wide	Platforma Canal +	package	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	
	Wide	Discovery Life Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"
	Wide	Biznes 24	TV	DVB-S2	3/4		27.500	Conax/Nagravision/Viaccess	Polish
	Wide	TVS	TV	DVB-S2	3/4		27.500		Polish

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Wide	TVP Kultura	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	WP TV	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	CBS Reality Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TVP Seriale	TV	DVB-S2	3/4	Y	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	National Geographic Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"
	Wide	TVP ABC	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Puls 2	TV	DVB-S2	3/4		27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Kino TV	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	FilmBox Family	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,Czech,Hungarian"
	Wide	FilmBox Action	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TV Puls	TV	DVB-S2	3/4	Y	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TVP Historia	TV	DVB-S2	3/4	Y	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	FilmBox Extra HD Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TVP Historia	TV	DVB-S2	3/4	Y	27.500	Irdeto/Nagravision	Polish
10.834	V Wide	Platforma Canal +	package	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	
	Wide	Kino Polska Muzyka	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Sport Klub Polska	TV	DVB-S2	3/4		27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Animal Planet Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TVP Sport	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Discovery Historia	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	AXN Spin Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Red Carpet	TV	DVB-S2	3/4		27.500		Polish
	Wide	BBC First Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"
	Wide	BBC Earth Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"
	Wide	HBO 2 Polska	TV	DVB-S2	3/4		27.500	Irdeto/Nagravision	Polish
	Wide	HBO 3 Central Europe	TV	DVB-S2	3/4		27.500	Irdeto/Nagravision	Polish
	Wide	TVP Sport	TV	DVB-S2	3/4		27.500	Irdeto/Mediaguard/Nagravision	Polish
	Wide	BBC First Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish,English
	Wide	BBC Earth Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish,English
	Wide	HBO 2 Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	HBO 3 Central Europe	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
10.873	V Wide	SNRT	package	DVB-S2	3/4		27.500		
	Wide	Al Maghribia	TV	DVB-S2	3/4		27.500		Arabic
	Wide	Al Aoula Middle East	TV	DVB-S2	3/4		27.500		Arabic
	Wide	Al Aoula Europe	TV	DVB-S2	3/4		27.500		Arabic
	Wide	Athaqafia	TV	DVB-S2	3/4		27.500		Arabic
	Wide	Al Aoula Europe	TV	DVB-S2	3/4		27.500		Arabic
	Wide	Assadissa	TV	DVB-S2	3/4		27.500		Arabic
	Wide	Medi 1 TV Maghreb	TV	DVB-S2	3/4		27.500		French
	Wide	Arrayadia	TV	DVB-S2	3/4		27.500		Arabic
	Wide	Tamazight	TV	DVB-S2	3/4		27.500		Berber
	Wide	Idaa al Watania	radio	DVB-S2	3/4		27.500		Arabic
	Wide	Radio Dakhla	radio	DVB-S2	3/4		27.500		
	Wide	Sud Radio	radio	DVB-S2	3/4		27.500		
	Wide	Chaîne Inter	radio	DVB-S2	3/4		27.500		
	Wide	Idaa al Amazighia	radio	DVB-S2	3/4		27.500		Arabic
	Wide	Idaa Mohammed Assadiss	radio	DVB-S2	3/4		27.500		Arabic
	Wide	Radio Agadir	radio	DVB-S2	3/4		27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Radio Oujda	radio	DVB-S2	3/4	27.500		
	Wide	Radio Casablanca	radio	DVB-S2	3/4	27.500		
	Wide	Radio Houceima	radio	DVB-S2	3/4	27.500		
	Wide	Radio Tétouan	radio	DVB-S2	3/4	27.500		
	Wide	Radio Meknes	radio	DVB-S2	3/4	27.500		
	Wide	Radio Laayoune	radio	DVB-S2	3/4	27.500		
	Wide	Radio Dakhla	radio	DVB-S2	3/4	27.500		
	Wide	Medi 1 Afrique	radio	DVB-S2	3/4	27.500		French
	Wide	Radio Tanger	radio	DVB-S2	3/4	27.500		
	Wide	Radio Fes	radio	DVB-S2	3/4	27.500		
	Wide	Radio Marrakech	radio	DVB-S2	3/4	27.500		
10.892	H Wide	unknown	package	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	
	Wide	Canal + Sport 3 Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Canal + Sport 4 Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TVR	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Playboy TV Europe	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision	Polish
	Wide	RTBF La Trois	TV	DVB-S2	3/4	Y 27.500	Mediaguard/Viaccess	French,Dutch
	Wide	RTL TVI	TV	DVB-S2	3/4	27.500	Mediaguard/Viaccess	French
	Wide	StudioMed TV	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision	Polish
	Wide	RTBF La Une	TV	DVB-S2	3/4	Y 27.500	Mediaguard/Viaccess	French
	Wide	RTBF La Deux	TV	DVB-S2	3/4	Y 27.500	Mediaguard/Viaccess	French,Dutch
	Wide	Club RTL	TV	DVB-S2	3/4	27.500	Mediaguard/Viaccess	French
	Wide	Plug RTL	TV	DVB-S2	3/4	27.500	Mediaguard/Viaccess	French
	Wide	Canal + Sport 3 Polska	TV	DVB-S2	3/4	27.500	Irdeto/Nagravision	Polish
	Wide	Canal + Sport 4 Polska	TV	DVB-S2	3/4	27.500	Irdeto/Nagravision	Polish
	Wide	Pure	radio	DVB-S2	3/4	27.500	Mediaguard/Viaccess	French
	Wide	Classic 21	radio	DVB-S2	3/4	27.500	Mediaguard/Viaccess	French
	Wide	VivaCité Bruxelles	radio	DVB-S2	3/4	27.500	Mediaguard/Viaccess	French
	Wide	Musiq'3	radio	DVB-S2	3/4	27.500	Mediaguard/Viaccess	French
	Wide	La Première	radio	DVB-S2	3/4	27.500	Mediaguard/Viaccess	French
	Wide	Mint	radio	DVB-S2	3/4	27.500	Mediaguard/Viaccess	French
	Wide	Bel RTL	radio	DVB-S2	3/4	27.500	Mediaguard/Viaccess	French
	Wide	Radio Contact	radio	DVB-S2	3/4	27.500	Mediaguard/Viaccess	French
10.911	V Wide	Cyfrowy Polsat	package	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	
	Wide	Sundance TV Europe	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	E! Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Scifi Polska	TV	DVB-S2	3/4	Y 27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TLC Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	History 2 Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Golf Channel Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish,English
	Wide	FightBox HD	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Eurosport 1 Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	13 Ulica	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Lifetime Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
10.930	H Wide	unknown	package	DVB-S2	2/3	30.000	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	
	Wide	Kazakh TV	TV	DVB-S2	2/3	30.000		Russian,English,Kazakh,Uzbek
	Wide	Brazzers TV Europe	TV	DVB-S2	2/3	30.000	Irdeto/Nagravision/Viaccess	English,French
	Wide	UA TV	TV	DVB-S2	2/3	30.000		Russian
	Wide	Dorcel TV	TV	DVB-S2	2/3	30.000	Conax/Irdeto/Nagravision/Viaccess	"French,English,Spanish,Polish"
	Wide	RTBF La Une	TV	DVB-S2	2/3	Y 30.000	Mediaguard/Viaccess	French
	Wide	RTBF La Deux	TV	DVB-S2	2/3	Y 30.000	Mediaguard/Viaccess	"French,Dutch"
	Wide	Club RTL	TV	DVB-S2	2/3	30.000	Mediaguard/Viaccess	French
	Wide	Plug RTL	TV	DVB-S2	2/3	30.000	Mediaguard/Viaccess	French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Baby TV Europe	TV	DVB-S2	2/3	30.000	Conax/Mediaguard/Nagravision/Viaccess	"German,English,French,Dutch,Turkish,Polish,Spanish,Portuguese,Greek,Italian"
	Wide	Private TV	TV	DVB-S2	2/3	30.000	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	English
	Wide	Hustler HD Europe	TV	DVB-S2	2/3	30.000	Irdeto/Nagravision	English
	Wide	Hustler HD Europe	TV	DVB-S2	2/3	30.000	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	English
	Wide	Private TV	TV	DVB-S2	2/3	30.000	Irdeto/Nagravision	English
	Wide	Blue Hustler Europe	TV	DVB-S2	2/3	30.000	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	English
	Wide	Pure	radio	DVB-S2	2/3	30.000	Mediaguard/Viaccess	French
	Wide	Classic 21	radio	DVB-S2	2/3	30.000	Mediaguard/Viaccess	French
	Wide	VivaCité Bruxelles	radio	DVB-S2	2/3	30.000	Mediaguard/Viaccess	French
	Wide	Musiq'3	radio	DVB-S2	2/3	30.000	Mediaguard/Viaccess	French
	Wide	La Première	radio	DVB-S2	2/3	30.000	Mediaguard/Viaccess	French
	Wide	Mint	radio	DVB-S2	2/3	30.000	Mediaguard/Viaccess	French
	Wide	Bel RTL	radio	DVB-S2	2/3	30.000	Mediaguard/Viaccess	French
	Wide	Radio Contact	radio	DVB-S2	2/3	30.000	Mediaguard/Viaccess	French
10.992	V Wide	RAI	package	DVB-S	2/3	27.500		
	Wide	Rai 3 Friuli Venezia Giulia	TV	DVB-S	2/3	Y 27.500	Nagravision	Italian
	Wide	Rai Movie	TV	DVB-S	2/3	Y 27.500	Nagravision	Italian
	Wide	Rai 1	TV	DVB-S	2/3	Y 27.500		Italian
	Wide	Rai 2	TV	DVB-S	2/3	Y 27.500		Italian
	Wide	Rai 3	TV	DVB-S	2/3	Y 27.500		Italian
	Wide	Rai 4	TV	DVB-S	2/3	Y 27.500	Mediaguard/Nagravision	Italian
	Wide	Rai News 24	TV	DVB-S	2/3	Y 27.500		Italian
	Wide	Rai Radio Tutta Italiana	radio	DVB-S	2/3	27.500		Italian
	Wide	Rai Radio 1 OM	radio	DVB-S	2/3	27.500		Italian
	Wide	Rai Radio 2	radio	DVB-S	2/3	27.500		Italian
	Wide	Rai Radio 3	radio	DVB-S	2/3	27.500		Italian
	Wide	Rai Radio 1 Sport	radio	DVB-S	2/3	27.500		Italian
11.013	H Wide	RAI	package	DVB-S2	3/4	29.900	Nagravision	
	Wide	Rai Gulp	TV	DVB-S2	3/4	Y 29.900	Nagravision	Italian
	Wide	Rai Yoyo	TV	DVB-S2	3/4	Y 29.900	Nagravision	Italian
	Wide	Rai 4K	TV	DVB-S2	3/4	29.900	Nagravision	"Italian,English"
	Wide	Rai Scuola	TV	DVB-S2	3/4	Y 29.900	Nagravision	Italian
	Wide	Rai 4	TV	DVB-S2	3/4	Y 29.900	Nagravision	Italian
	Wide	Rai Premium	TV	DVB-S2	3/4	Y 29.900	Nagravision	Italian
	Wide	Rai Movie	TV	DVB-S2	3/4	Y 29.900	Nagravision	Italian
	Wide	Rai Radio 1	radio	DVB-S2	3/4	29.900		Italian
	Wide	Rai Radio 2	radio	DVB-S2	3/4	29.900		Italian
	Wide	Rai Radio 3	radio	DVB-S2	3/4	29.900		Italian
	Wide	Rai Radio 3 Classica	radio	DVB-S2	3/4	29.900		Italian
	Wide	Rai Gr Parlamento	radio	DVB-S2	3/4	29.900		Italian
	Wide	Rai Isoradio	radio	DVB-S2	3/4	29.900		Italian
	Wide	Rai Radio Techete'	radio	DVB-S2	3/4	29.900		Italian
	Wide	Rai Radio Live	radio	DVB-S2	3/4	29.900		Italian
	Wide	Rai Radio Kids	radio	DVB-S2	3/4	29.900		Italian
	Wide	Rai Radio 2 Indie	radio	DVB-S2	3/4	29.900		Italian
	Wide	Rai Radio Tutta Italiana	radio	DVB-S2	3/4	29.900		Italian
	Wide	Rai Radio 1 OM	radio	DVB-S2	3/4	29.900		Italian
	Wide	Rai Radio 1 Sport	radio	DVB-S2	3/4	29.900		Italian
11.034	V Wide	Globecast	package	DVB-S	3/4	27.500		
	Wide	TV 5 Coran	TV	DVB-S	3/4	27.500		Arabic
	Wide	TV 4 Amazigh	TV	DVB-S	3/4	27.500		
	Wide	TNT International Europe	TV	DVB-S	3/4	27.500		Russian
	Wide	CGTN	TV	DVB-S	3/4	27.500		English
	Wide	Best Market TV	TV	DVB-S	3/4	27.500		Russian
	Wide	RTR Planeta	TV	DVB-S	3/4	27.500		Russian
	Wide	Rossiya 24	TV	DVB-S	3/4	27.500		Russian
	Wide	TV Rus	TV	DVB-S	3/4	27.500		Russian
	Wide	NTV Mir	TV	DVB-S	3/4	27.500		Russian
	Wide	Ganj e Hozour TV	TV	DVB-S	3/4	27.500		Farsi
	Wide	8 Kanal International	TV	DVB-S	3/4	27.500		Russian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Chaîne 2	radio	DVB-S	3/4	27.500		Berber
	Wide	Chaîne 3	radio	DVB-S	3/4	27.500		French
	Wide	Chaîne 1	radio	DVB-S	3/4	27.500		Arabic
11.117	V Wide	Cyfrowy Polsat	package	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	
	Wide	Polsat Sport Premium 1	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Polsat Sport Premium 2	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Nagravision/Viaccess	Polish
	Wide	Polsat Sport Premium 3	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Nagravision/Viaccess	Polish
	Wide	Polsat Sport Premium 4	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Nagravision/Viaccess	Polish
	Wide	Polsat Sport Premium 5	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Nagravision/Viaccess	Polish
	Wide	Polsat Sport Premium 6	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Nagravision/Viaccess	Polish
11.137	H Wide	Arqiva	package	DVB-S	3/4	27.500		
	Wide	Bloomberg TV Europe	TV	DVB-S	3/4	27.500		English
	Wide	Aljazeera English	TV	DVB-S	3/4	27.500		English
	Wide	Aljazeera English	TV	DVB-S	3/4	27.500		English
	Wide	Bartar TV	TV	DVB-S	3/4	27.500		
	Wide	Manoto	TV	DVB-S	3/4	27.500		Farsi
11.158	V Wide	Cyfrowy Polsat	package	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	
	Wide	Polsat News 2	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Polsat	TV	DVB-S2	3/4	Y 27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Polsat Play	TV	DVB-S2	3/4	Y 27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TV 4	TV	DVB-S2	3/4	Y 27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TV 6	TV	DVB-S2	3/4	Y 27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Polsat Café	TV	DVB-S2	3/4	Y 27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Polsat Film	TV	DVB-S2	3/4	Y 27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Polsat News	TV	DVB-S2	3/4	Y 27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Polsat 2	TV	DVB-S2	3/4	Y 27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Super Polsat	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
11.179	H Wide	Canale Italia	TV	DVB-S2	3/4	27.500		Italian
	Wide	Canale Italia 83	TV	DVB-S2	3/4	27.500		Italian
	Wide	Canale Italia 84	TV	DVB-S2	3/4	27.500		Italian
	Wide	Radio Margherita	radio	DVB-S2	3/4	27.500		Italian
	Wide	Radio Cusano Campus	radio	DVB-S2	3/4	27.500		Italian
11.219	H Wide	Dorama	TV	DVB-S2	3/5	29.900	Verimatrix (B)	Russian
	Wide	Star Family	TV	DVB-S2	3/5	29.900	Verimatrix (B)/Conax	Russian
	Wide	Ukraina 24	TV	DVB-S2	3/5	29.900		Ukrainian
11.240	V Wide	Eutelsat	package	DVB-S	3/4	27.500	Conax/Cryptoworks/Irdeto/Mediaguard/Nagravision/Viaccess	
	Wide	Eurosport 2	TV	DVB-S	3/4	Y 27.500	Irdeto/Viaccess/Videoguard/Verimatrix	English
	Wide	Eurosport 2	TV	DVB-S	3/4	Y 27.500	Irdeto/Viaccess/Videoguard	English,Czech
	Wide	Eurosport 2	TV	DVB-S	3/4	Y 27.500	Irdeto/Viaccess/Videoguard	English,Spanish
	Wide	Eurosport 2	TV	DVB-S	3/4	Y 27.500	Irdeto/Viaccess/Videoguard	English,Greek
	Wide	Eurosport 2	TV	DVB-S	3/4	Y 27.500	Irdeto/Viaccess/Videoguard	English,Russian
	Wide	Eurosport 2	TV	DVB-S	3/4	Y 27.500	Irdeto/Viaccess/Videoguard	Portuguese
	Wide	Eurosport 2	TV	DVB-S	3/4	Y 27.500	Irdeto/Viaccess/Videoguard	Italian
	Wide	Eurosport 2	TV	DVB-S	3/4	Y 27.500	Irdeto/Viaccess/Videoguard	Italian,English,German,Czech,Russian,Greek,Hungarian,Serbian,Portuguese,Turkish,Spanish,Romanian
	Wide	Eurosport 1	TV	DVB-S	3/4	Y 27.500	Irdeto/Viaccess/Videoguard/Verimatrix	"English,Croatian"
	Wide	Eurosport 1	TV	DVB-S	3/4	Y 27.500	Irdeto/Viaccess	English,Spanish
	Wide	Eurosport 1	TV	DVB-S	3/4	Y 27.500	Irdeto/Viaccess	Italian
	Wide	Eurosport 1	TV	DVB-S	3/4	Y 27.500	Irdeto/Viaccess	English
	Wide	Eurosport 1	TV	DVB-S	3/4	Y 27.500	Irdeto/Viaccess	Dutch
	Wide	Eurosport 1	TV	DVB-S	3/4	Y 27.500	Irdeto/Viaccess	English,Polish
	Wide	Eurosport 1	TV	DVB-S	3/4	Y 27.500	Irdeto/Viaccess	English,Russian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Wide	Eurosport 1	TV	DVB-S	3/4	Y	27.500	Irdeto/Viaccess	Portuguese
	Wide	Eurosport 1	TV	DVB-S	3/4	Y	27.500	Irdeto/Viaccess	English,Hungarian
	Wide	Eurosport 1	TV	DVB-S	3/4	Y	27.500	Irdeto/Viaccess	Czech
	Wide	Eurosport 1	TV	DVB-S	3/4	Y	27.500	Irdeto/Viaccess	English,Greek
	Wide	Eurosport 1	TV	DVB-S	3/4	Y	27.500	Irdeto/Viaccess	English,Greek
	Wide	Eurosport 1	TV	DVB-S	3/4	Y	27.500	Irdeto/Viaccess	Bulgarian
	Wide	Eurosport 2	TV	DVB-S	3/4	Y	27.500	Irdeto/Viaccess/Videoguard	English,Turkish
	Wide	Eurosport 1	TV	DVB-S	3/4	Y	27.500	Irdeto/Viaccess	Serbian
	Wide	Eurosport 1	TV	DVB-S	3/4	Y	27.500	Irdeto/Viaccess	English,Turkish
	Wide	Eurosport 2	TV	DVB-S	3/4	Y	27.500	Irdeto/Viaccess/Videoguard	German
	Wide	Eurosport 2	TV	DVB-S	3/4	Y	27.500	Irdeto/Viaccess/Videoguard	Serbian
	Wide	Eurosport 1	TV	DVB-S	3/4	Y	27.500	Irdeto/Viaccess	English,Greek,Dutch,Polish,Russian,Portuguese,Romanian,Czech,Hungarian,Bulgarian,Spanish,French,Italian,Croatian,Turkish,Serbian
	Wide	Eurosport 2 North-East	TV	DVB-S	3/4		27.500	Viaccess/Videoguard	"English,Bulgarian,Turkish"
	Wide	Eurosport 1	TV	DVB-S	3/4	Y	27.500	Viaccess	English,Polish,Spanish,Italian,Croatian
	Wide	Eurosport 2 North-East	TV	DVB-S	3/4		27.500	Viaccess	English
	Wide	Eurosport 2 North-East	TV	DVB-S	3/4		27.500	Viaccess	English,Bulgarian
	Wide	Eurosport 2 North-East	TV	DVB-S	3/4		27.500	Viaccess	Serbian
	Wide	Eurosport 2	TV	DVB-S	3/4	Y	27.500	Irdeto/Viaccess/Videoguard	Romanian
	Wide	Eurosport 2 North-East	TV	DVB-S	3/4		27.500	Viaccess	English,Russian
	Wide	Eurosport 2	TV	DVB-S	3/4	Y	27.500	Irdeto/Viaccess/Videoguard	Hungarian
	Wide	Eurosport 1	TV	DVB-S	3/4	Y	27.500	Irdeto/Viaccess	English,Romanian,Czech,Hungarian
	Wide	Eurosport 2 North-East	TV	DVB-S	3/4		27.500	Viaccess	English,Bulgarian,Serbian,Russian,Hungarian,Romanian,Croatian,Turkish
	Wide	Eurosport 2 North-East	TV	DVB-S	3/4		27.500	Viaccess	English,Hungarian
	Wide	Eurosport 2 North-East	TV	DVB-S	3/4		27.500	Viaccess	Romanian
	Wide	Eurosport 2 North-East	TV	DVB-S	3/4		27.500	Viaccess	English,Croatian
	Wide	Eurosport 1	TV	DVB-S	3/4	Y	27.500	Irdeto/Viaccess	Romanian
	Wide	Eurosport 2 North-East	TV	DVB-S	3/4		27.500	Viaccess	English,Turkish
	Wide	Noviy Mir	TV	DVB-S	3/4		27.500		Russian
	Wide	RT News	TV	DVB-S	3/4		27.500		English
11.258	H Wide	TeleArabia Pro	package	DVB-S2	3/4		27.500	Irdeto	
	Wide	MBC	TV	DVB-S2	3/4		27.500	Irdeto	Arabic
	Wide	MBC 3	TV	DVB-S2	3/4		27.500	Irdeto	Arabic
	Wide	MBC Maser	TV	DVB-S2	3/4		27.500	Irdeto	Arabic
	Wide	Rotana Cinema KSA	TV	DVB-S2	3/4		27.500	Irdeto	Arabic
	Wide	Rotana Clip	TV	DVB-S2	3/4		27.500	Irdeto	Arabic
	Wide	MTV Alloubnaniya	TV	DVB-S2	3/4		27.500	Irdeto	Arabic
	Wide	Iqraa Africa & Europe	TV	DVB-S2	3/4		27.500	Irdeto	English
	Wide	Gulli Bil Arabie	TV	DVB-S2	3/4		27.500	Irdeto	French
	Wide	MBC Drama	TV	DVB-S2	3/4		27.500	Irdeto	Arabic
	Wide	Zee Alwan	TV	DVB-S2	3/4		27.500	Irdeto	Arabic
	Wide	Ennahar TV	TV	DVB-S2	3/4		27.500	Irdeto	Arabic
	Wide	Rawdah	TV	DVB-S2	3/4		27.500	Irdeto	Arabic
	Wide	Rotana Classic	TV	DVB-S2	3/4		27.500	Irdeto	Arabic
	Wide	PNC Food	TV	DVB-S2	3/4		27.500	Irdeto	Arabic
	Wide	Lana TV	TV	DVB-S2	3/4		27.500	Irdeto	Arabic
	Wide	Hannibal TV	TV	DVB-S2	3/4		27.500	Irdeto	Arabic
11.278	V Wide	Canal + Now	TV	DVB-S2	3/4		27.500	Conax/Mediaguard/Nagravision	Polish
	Wide	Eleven Sports 4 Polska	TV	DVB-S2	3/4		27.500	Conax/Mediaguard/Nagravision	Polish
	Wide	Canal + Polska	TV	DVB-S2	3/4	Y	27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Canal + Sport Polska	TV	DVB-S2	3/4		27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	National Geographic Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"
	Wide	MiniMini +	TV	DVB-S2	3/4		27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	National Geographic Polska	TV	DVB-S2	3/4		27.500	Irdeto/Nagravision	Polish,English
11.296	H Wide	IKO MG	package	DVB-S	5/6		27.500		
	Wide	Aryen TV	TV	DVB-S	5/6		27.500		Kurdish

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	CBC	TV	DVB-S	5/6	27.500		Azerbaijan
	Wide	Wesal Haq	TV	DVB-S	5/6	27.500		
	Wide	Yemen TV	TV	DVB-S	5/6	27.500		Arabic
	Wide	Kurdsat	TV	DVB-S	5/6	27.500		Kurdish
	Wide	Nour TV	TV	DVB-S	5/6	27.500		Arabic
	Wide	Somali National TV	TV	DVB-S	5/6	27.500		Somali
	Wide	Ictimai TV	TV	DVB-S	5/6	27.500		Azerbaijan
	Wide	SNTV 2	TV	DVB-S	5/6	27.500		Somali
	Wide	Xezer TV	TV	DVB-S	5/6	27.500		Azerbaijan
	Wide	Lalish TV	TV	DVB-S	5/6	27.500		Kurdish
	Wide	Kazakh TV	TV	DVB-S	5/6	27.500		"Russian,English,Kazakh, Uzbek"
	Wide	Az TV	TV	DVB-S	5/6	27.500		Azerbaijan
	Wide	Medya Haber	TV	DVB-S	5/6	27.500		Turkish
	Wide	Radio Sana'a	radio	DVB-S	5/6	27.500		Arabic
	Wide	Dengê Welat	radio	DVB-S	5/6	27.500		Kurdish
	Wide	SRTV	TV	DVB-S	5/6	27.500		Somali
	Wide	Azadi TV	TV	DVB-S	5/6	27.500		Farsi
	Wide	Universal TV	TV	DVB-S	5/6	27.500		Somali
	Wide	Rûdaw Radio	radio	DVB-S	5/6	27.500		Kurdish
	Wide	Rûdaw Music	radio	DVB-S	5/6	27.500		Kurdish
11.317	V Wide	MX1	package	DVB-S	3/4	27.500		
	Wide	Kentron TV International	TV	DVB-S	3/4	27.500		Armenian
	Wide	Kaleme TV	TV	DVB-S	3/4	27.500		Farsi
	Wide	Payam-e-Afghan TV	TV	DVB-S	3/4	27.500		Farsi
	Wide	Horn Cable TV	TV	DVB-S	3/4	27.500		Somali
	Wide	Somali Cable	TV	DVB-S	3/4	27.500		Somali
	Wide	Hadi TV 3	TV	DVB-S	3/4	27.500		
11.334	H Wide	Arqiva	package	DVB-S	3/4	27.500		
	Wide	Armenia 1 TV Satellite	TV	DVB-S	3/4	27.500		Armenian
	Wide	Armenia TV Europe	TV	DVB-S	3/4	27.500		Armenian
	Wide	SBN International	TV	DVB-S	3/4	27.500		"English,Spanish"
	Wide	RTP Internacional Europa	TV	DVB-S	3/4	Y 27.500		Portuguese
	Wide	Hotbird 4K1	TV	DVB-S	3/4	27.500		English
	Wide	Public Radio of Armenia	radio	DVB-S	3/4	27.500		Armenian
	Wide	RDP Internacional	radio	DVB-S	3/4	27.500		
	Wide	RDP Antena 1	radio	DVB-S	3/4	27.500		Portuguese
11.373	H Wide	Iran International	TV	DVB-S2	3/4	27.500		Farsi
	Wide	NASA TV Public	TV	DVB-S2	3/4	27.500		English
	Wide	Rûdaw	TV	DVB-S2	3/4	27.500		Kurdish
	Wide	Ava Entertainment	TV	DVB-S2	3/4	27.500		
	Wide	Kurdistan 24	TV	DVB-S2	3/4	27.500		Kurdish
	Wide	Parole di Vita	TV	DVB-S2	3/4	27.500		Italian
	Wide	Tesory Channel	TV	DVB-S2	3/4	27.500		Italian
	Wide	NHK World Japan	TV	DVB-S2	3/4	27.500		English
	Wide	Iraqia News	TV	DVB-S2	3/4	27.500		Arabic
	Wide	ETV News	TV	DVB-S2	3/4	27.500		Amharic
	Wide	Rûdaw Radio	radio	DVB-S2	3/4	27.500		Kurdish
	Wide	Rûdaw Music	radio	DVB-S2	3/4	27.500		Kurdish
11.393	V Wide	TVN	package	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess/Videoguard	
	Wide	Nuta TV	TV	DVB-S2	3/4	27.500		Polish
	Wide	Discovery Life Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	"Polish,English"
	Wide	Motor Trend	TV	DVB-S2	3/4	27.500	Conax/Nagravision/Videoguard	"Italian,English"
	Wide	Giallo	TV	DVB-S2	3/4	27.500	Conax/Nagravision/Videoguard	"Italian,English"
	Wide	Nove	TV	DVB-S2	3/4	27.500	Conax/Nagravision/Videoguard	"Italian,English"
	Wide	NTL	TV	DVB-S2	3/4	27.500		Polish
	Wide	Junior Music	TV	DVB-S2	3/4	27.500		Polish
	Wide	Power TV	TV	DVB-S2	3/4	27.500		Polish
	Wide	To!TV	TV	DVB-S2	3/4	27.500		Polish
	Wide	Adventure	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TVN 24 BiS	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish

Freq	Beam		Analog	Diff	Fec	Symb of Rate	Acces	Lang
	Wide	HGTV Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Food Network EMEA	TV	DVB-S2	3/4	27.500	Conax/Viaccess	"English,Czech,Hungarian,Turkish,Bulgarian,Russian"
	Wide	Fine Living	TV	DVB-S2	3/4	27.500	Conax/Viaccess	"English,Czech,Hungarian,Russian"
11.411	H Wide	Platforma Canal +	package	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Viaccess	
	Wide	Canal + Film	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Canal + Family Polska	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Teletoon + HD Polska	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Planete + Polska	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Kuchnia +	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Motowizja	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Ale Kino +	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Canal + Seriale	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Teletoon + HD Polska	TV	DVB-S2	3/4	27.500	Conax/Nagravision	Polish
	Wide	Planete + Polska	TV	DVB-S2	3/4	27.500	Conax/Nagravision	Polish
	Wide	Kuchnia +	TV	DVB-S2	3/4	27.500	Conax/Nagravision	Polish
11.449	H Wide	Platforma Canal +	package	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	
	Wide	Canal + Dokument	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Investigation Discovery Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Nagravision/Viaccess	"Polish,English"
	Wide	DTX Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Nagravision/Viaccess	Polish
	Wide	Food Network EMEA	TV	DVB-S2	3/4	27.500	Conax	"Turkish,English,Czech,Hungarian,Bulgarian"
	Wide	Fine Living	TV	DVB-S2	3/4	27.500	Conax	"English,Czech,Hungarian,Russian"
	Wide	AMC Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Discovery Channel Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Nagravision/Viaccess	Polish
	Wide	N Sport +	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TVP 1	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Romance TV Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Investigation Discovery Polska	TV	DVB-S2	3/4	27.500	Irdeto/Nagravision	"Polish,English"
	Wide	DTX Polska	TV	DVB-S2	3/4	27.500	Irdeto/Mediaguard/Nagravision	Polish
	Wide	Discovery Channel Polska	TV	DVB-S2	3/4	27.500	Irdeto/Nagravision	Polish
	Wide	TVP 1	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	N Sport +	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision	Polish
	Wide	VOD	TV	DVB-S2	3/4	27.500	Conax	"Polish,English"
11.488	H Wide	Platforma Canal +	package	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Viaccess	
	Wide	Canal + »1	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Canal + Sport 2 Polska	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Domo +	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Fight Klub	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Eleven Sports 1 Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Kino Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Nagravision/Viaccess	Polish
	Wide	Fox Polska	TV	DVB-S2	3/4	27.500	Irdeto/Mediaguard/Nagravision	"Polish,English"
	Wide	Eleven Sports 2 Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Eleven Sports 3 Polska	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Radio Zet	radio	DVB-S2	3/4	27.500		Polish
	Wide	Melo Radio	radio	DVB-S2	3/4	27.500		Polish
	Wide	Radio Zet Chill	radio	DVB-S2	3/4	27.500		Polish

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Wide	Antyradio	radio	DVB-S2	3/4		27.500		Polish
	Wide	Muzo FM	radio	DVB-S2	3/4		27.500	Mediaguard/Nagravision	Polish
	Wide	Polskie Radio 24	radio	DVB-S2	3/4		27.500		Polish
	Wide	Polskie Radio Jedyńka	radio	DVB-S2	3/4		27.500		Polish
	Wide	Polskie Radio Dwójka	radio	DVB-S2	3/4		27.500		Polish
	Wide	Polskie Radio Trójka	radio	DVB-S2	3/4		27.500		Polish
	Wide	Radio Poland	radio	DVB-S2	3/4		27.500		Polish
	Wide	Radio Jasna Góra	radio	DVB-S2	3/4		27.500		Polish
	Wide	Tok FM	radio	DVB-S2	3/4		27.500		Polish
11.508	V Wide	TVN	package	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	
	Wide	TVN	TV	DVB-S2	3/4	Y	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TVN Style	TV	DVB-S2	3/4	Y	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TVN Style	TV	DVB-S2	3/4	Y	27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TVN Turbo	TV	DVB-S2	3/4	Y	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TVN Turbo	TV	DVB-S2	3/4	Y	27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TVN 24	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TVN 7	TV	DVB-S2	3/4	Y	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TVN Fabula	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TTV	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Travel Channel Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	Food Network Polska	TV	DVB-S2	3/4		27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess	Polish
	Wide	TVN	TV	DVB-S2	3/4	Y	27.500	Irdeto/Nagravision	Polish
	Wide	TVN 7	TV	DVB-S2	3/4	Y	27.500	Irdeto/Nagravision	Polish
	Wide	Food Network Polska	TV	DVB-S2	3/4		27.500	Conax/Mediaguard/Nagravision	Polish
11.526	H Wide	SRG SSR	package	DVB-S2	2/3		29.700	Viaccess	
	Wide	RSI La 1	TV	DVB-S2	2/3	Y	29.700	Viaccess	"Italian,English"
	Wide	RSI La 2	TV	DVB-S2	2/3	Y	29.700	Viaccess	"Italian,English"
	Wide	SRF Info	TV	DVB-S2	2/3	Y	29.700		"German,English"
	Wide	Radio SRF 1	radio	DVB-S2	2/3		29.700		German
	Wide	Radio SRF 2 Kultur	radio	DVB-S2	2/3		29.700		German
	Wide	Radio SRF 3	radio	DVB-S2	2/3		29.700		German
	Wide	Radio SRF Virus	radio	DVB-S2	2/3		29.700		German
	Wide	Radio SRF Musikwelle	radio	DVB-S2	2/3		29.700		German
	Wide	Radio Rumantsch	radio	DVB-S2	2/3		29.700		Romany
	Wide	RTS La 1ère	radio	DVB-S2	2/3		29.700		French
	Wide	RTS Espace 2	radio	DVB-S2	2/3		29.700		French
	Wide	RTS Couleur 3	radio	DVB-S2	2/3		29.700		French
	Wide	RTS Option Musique	radio	DVB-S2	2/3		29.700		French
	Wide	RSI Rete Uno	radio	DVB-S2	2/3		29.700		Italian
	Wide	RSI Rete Due	radio	DVB-S2	2/3		29.700		Italian
	Wide	RSI Rete Tre	radio	DVB-S2	2/3		29.700		Italian
	Wide	Radio Swiss Classic Deutsch	radio	DVB-S2	2/3		29.700		German
	Wide	Radio Swiss Pop	radio	DVB-S2	2/3		29.700		German
	Wide	Radio Swiss Jazz	radio	DVB-S2	2/3		29.700		German
	Wide	Radio SRF 4 News	radio	DVB-S2	2/3		29.700		German
	Wide	Radio Swiss Classic Français	radio	DVB-S2	2/3		29.700		French
	Wide	Radio SRF 1 Aargau Solothurn	radio	DVB-S2	2/3		29.700		German
	Wide	Radio SRF 1 Basel Baselland	radio	DVB-S2	2/3		29.700		German
	Wide	Radio SRF 1 Bern Freiburg Wallis	radio	DVB-S2	2/3		29.700		German
	Wide	Radio SRF 1 Zentralschweiz	radio	DVB-S2	2/3		29.700		German
	Wide	Radio SRF 1 Ostschweiz	radio	DVB-S2	2/3		29.700		German
	Wide	Radio SRF 1 Zürich Schaffhausen	radio	DVB-S2	2/3		29.700		German
	Wide	Radio SRF 1 Graubünden	radio	DVB-S2	2/3		29.700		German
	Wide	Radio Swiss Classic Italiano	radio	DVB-S2	2/3		29.700		Italian
11.585	V Wide	CCTV	package	DVB-S2	5/6		27.500		
	Wide	CCTV 4 Europe	TV	DVB-S2	5/6		27.500		Chinese
	Wide	CGTN	TV	DVB-S2	5/6		27.500		English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	CGTN Documentary	TV	DVB-S2	5/6	27.500		English
	Wide	CGTN Español	TV	DVB-S2	5/6	27.500		Spanish
	Wide	CGTN Français	TV	DVB-S2	5/6	27.500		French
11.642	H Wide	M-Three satcom	package	DVB-S2	3/4	27.500		
	Wide	RTL 102.5 RadioVisione	TV	DVB-S2	3/4	27.500		Italian
	Wide	Simay-Azadi Iran National TV	TV	DVB-S2	3/4	27.500		Farsi
	Wide	Radio Freccia TV	TV	DVB-S2	3/4	27.500		Italian
	Wide	I24 News Français	TV	DVB-S2	3/4	27.500		French
	Wide	I24 News English	TV	DVB-S2	3/4	27.500		English
	Wide	Radionorba TV	TV	DVB-S2	3/4	27.500		Italian
	Wide	KBS World	TV	DVB-S2	3/4	27.500		Korean
	Wide	HRT International	TV	DVB-S2	3/4	27.500		Croatian
	Wide	TV Yes Italia	TV	DVB-S2	3/4	27.500		Italian
	Wide	Kurdistan TV	TV	DVB-S2	3/4	27.500		Kurdish
	Wide	Daystar TV	TV	DVB-S2	3/4	27.500		English
	Wide	Bethel TV	TV	DVB-S2	3/4	27.500		Spanish
	Wide	Radio Zeta Radiovisione	TV	DVB-S2	3/4	27.500		Italian
	Wide	RTL 102.5 Doc	TV	DVB-S2	3/4	27.500		Italian
	Wide	RTL 102.5 Viaradio	TV	DVB-S2	3/4	27.500		Italian
	Wide	Paramount Network Italia	TV	DVB-S2	3/4	27.500		Italian,English
	Wide	ReteSette	TV	DVB-S2	3/4	27.500		Italian
	Wide	Glas Hrvatske	radio	DVB-S2	3/4	27.500		Croatian
11.662	V Wide	Emilia-Romagna 24	TV	DVB-S2	3/4	27.500		Italian
	Wide	TRM h24	TV	DVB-S2	3/4	27.500		Italian
	Wide	Tele Moda	TV	DVB-S2	3/4	27.500		Italian
	Wide	Aurora Arte	TV	DVB-S2	3/4	27.500		Italian
	Wide	Padre Pio TV	TV	DVB-S2	3/4	27.500		Italian
	Wide	Tele 5	TV	DVB-S2	3/4	27.500		Polish
	Wide	Polonia 1	TV	DVB-S2	3/4	27.500		Polish
	Wide	Water Planet	TV	DVB-S2	3/4	27.500	Irdeto/Nagravision	Polish
	Wide	Novela TV	TV	DVB-S2	3/4	27.500	Irdeto/Nagravision	Polish
	Wide	TVR International	TV	DVB-S2	3/4	27.500	Y	Romanian
	Wide	Radio Italia TV	TV	DVB-S2	3/4	27.500		Italian
	Wide	Unire Sat	TV	DVB-S2	3/4	27.500		Italian
	Wide	Arte Atelier	TV	DVB-S2	3/4	27.500		Italian
	Wide	Antichità Chiossone	TV	DVB-S2	3/4	27.500		English
	Wide	Radio Italia Trend TV	TV	DVB-S2	3/4	27.500		Italian
	Wide	Suryoyo Sat	TV	DVB-S2	3/4	27.500		Syriac
	Wide	RDS Social TV	TV	DVB-S2	3/4	27.500		Italian
	Wide	QVC Italia	TV	DVB-S2	3/4	27.500		Italian
	Wide	BFC Forbes	TV	DVB-S2	3/4	27.500		Italian
	Wide	TVA Vicenza	TV	DVB-S2	3/4	27.500		Italian
	Wide	RDS Relax	radio	DVB-S2	3/4	27.500		Italian
	Wide	Videolina	TV	DVB-S2	3/4	27.500		Italian
	Wide	Radio Number One	radio	DVB-S2	3/4	27.500		Italian
11.747	H Wide	Du	package	DVB-S2	3/4	27.500		
	Wide	Sharjah TV	TV	DVB-S2	3/4	27.500		Arabic
	Wide	Abu Dhabi Sports 1	TV	DVB-S2	3/4	27.500		"Arabic,English"
	Wide	Zad TV	TV	DVB-S2	3/4	27.500		Arabic
	Wide	Alsharqiya TV	TV	DVB-S2	3/4	27.500		Arabic
	Wide	Sharjah Radio	radio	DVB-S2	3/4	27.500		Arabic
11.766	V Wide	RAI	package	DVB-S2	3/4	29.900	Nagravision	
	Wide	Rai 1	TV	DVB-S2	3/4	29.900	Y Nagravision	Italian
	Wide	Rai 2	TV	DVB-S2	3/4	29.900	Y Nagravision	Italian
	Wide	Rai 3	TV	DVB-S2	3/4	29.900	Y Nagravision	Italian
	Wide	Rai Sport + HD	TV	DVB-S2	3/4	29.900	Y Nagravision	Italian
	Wide	Rai News 24	TV	DVB-S2	3/4	29.900	Y Nagravision	Italian
	Wide	Rai Storia	TV	DVB-S2	3/4	29.900	Y Nagravision	Italian
	Wide	Rai 5	TV	DVB-S2	3/4	29.900	Y Nagravision	Italian
11.804	V Wide	RAI	package	DVB-S	2/3	27.500		
	Wide	Camera dei Deputati	TV	DVB-S	2/3	27.500		Italian
	Wide	Rai Sport	TV	DVB-S	2/3	27.500	Y	Italian
	Wide	Rai Storia	TV	DVB-S	2/3	27.500	Y	Italian
	Wide	Rai Gulp	TV	DVB-S	2/3	27.500	Y	Italian

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Wide	Rai Yoyo	TV	DVB-S	2/3	Y	27.500	Nagravision	Italian
	Wide	Rai Scuola	TV	DVB-S	2/3	Y	27.500		Italian
	Wide	Uninettuno University TV	TV	DVB-S	2/3		27.500		Italian
	Wide	Rai Premium	TV	DVB-S	2/3	Y	27.500	Nagravision	Italian
	Wide	Rai 5	TV	DVB-S	2/3	Y	27.500	Nagravision	Italian
	Wide	Senato TV	TV	DVB-S	2/3		27.500		Italian
	Wide	Rai Radio 1	radio	DVB-S	2/3		27.500		Italian
	Wide	Rai Radio 2	radio	DVB-S	2/3		27.500		Italian
	Wide	Rai Radio 3	radio	DVB-S	2/3		27.500		Italian
	Wide	Rai Radio 3 Classica	radio	DVB-S	2/3		27.500		Italian
	Wide	Rai Gr Parlamento	radio	DVB-S	2/3		27.500		Italian
	Wide	Rai Isoradio	radio	DVB-S	2/3		27.500		Italian
	Wide	Rai Radio Techete'	radio	DVB-S	2/3		27.500		Italian
	Wide	Rai Radio Live	radio	DVB-S	2/3		27.500		Italian
	Wide	Rai Radio Kids	radio	DVB-S	2/3		27.500		Italian
	Wide	Rai Radio 2 Indie	radio	DVB-S	2/3		27.500		Italian
11.919	V Wide	Mediaset	package	DVB-S	5/6		29.900	Nagravision/Videoguard	
	Wide	Italia 1	TV	DVB-S	5/6	Y	29.900	Nagravision/Videoguard	Italian
	Wide	Canale 5	TV	DVB-S	5/6	Y	29.900	Nagravision/Videoguard	Italian
	Wide	Rete 4	TV	DVB-S	5/6	Y	29.900	Nagravision/Videoguard	Italian
	Wide	Iris	TV	DVB-S	5/6	Y	29.900	Nagravision/Videoguard	Italian
	Wide	Boing Italia	TV	DVB-S	5/6		29.900	Nagravision	Italian
	Wide	La 5	TV	DVB-S	5/6		29.900	Nagravision/Videoguard	Italian
	Wide	TGCom 24	TV	DVB-S	5/6	Y	29.900		Italian
	Wide	Mediaset Extra	TV	DVB-S	5/6		29.900	Nagravision/Videoguard	Italian
	Wide	Italia 2	TV	DVB-S	5/6		29.900	Nagravision/Videoguard	Italian
	Wide	Top Crime	TV	DVB-S	5/6	Y	29.900	Nagravision/Videoguard	Italian
	Wide	Cartoonito Italia	TV	DVB-S	5/6		29.900	Nagravision	Italian
	Wide	Focus	TV	DVB-S	5/6		29.900	Nagravision/Videoguard	Italian
	Wide	20 Mediaset	TV	DVB-S	5/6		29.900	Nagravision/Videoguard	Italian
	Wide	La 7	TV	DVB-S	5/6		29.900	Nagravision	Italian
	Wide	La 7 d	TV	DVB-S	5/6		29.900	Nagravision	Italian
	Wide	R101	radio	DVB-S	5/6		29.900		Italian
	Wide	Radio Monte Carlo	radio	DVB-S	5/6		29.900		Italian
	Wide	MC 2	radio	DVB-S	5/6		29.900		Italian
	Wide	Virgin Radio Italia	radio	DVB-S	5/6		29.900		Italian
	Wide	Radio 105	radio	DVB-S	5/6		29.900		Italian
	Wide	Orbital 101.9 FM	radio	DVB-S	5/6		29.900		Portuguese
12.111	V Wide	Telespazio	package	DVB-S	3/4		27.500		
	Wide	Aljazeera Documentary	TV	DVB-S	3/4		27.500		Arabic
	Wide	Aljazeera Mubasher	TV	DVB-S	3/4		27.500		Arabic
	Wide	Aljazeera Channel	TV	DVB-S	3/4		27.500		Arabic
	Wide	Elsharq	TV	DVB-S	3/4		27.500		Arabic
	Wide	Al Mayadeen TV	TV	DVB-S	3/4		27.500		Arabic
	Wide	Awraas TV	TV	DVB-S	3/4		27.500		Arabic
	Wide	QVC Italia	TV	DVB-S	3/4		27.500		Italian
	Wide	RIK Sat	TV	DVB-S	3/4		27.500		Greek
	Wide	Mekameleen TV	TV	DVB-S	3/4		27.500		Arabic
	Wide	Radio Mariam Armenia	radio	DVB-S	3/4		27.500		Armenian
	Wide	Radio Maria Italia	radio	DVB-S	3/4		27.500		Italian
	Wide	Radio Dimensione Suono	radio	DVB-S	3/4		27.500		Italian
	Wide	Dimensione Suono Roma	radio	DVB-S	3/4		27.500		Italian
	Wide	Radio Italia Anni 60	radio	DVB-S	3/4		27.500		Italian
	Wide	Radio Italia	radio	DVB-S	3/4		27.500		Italian
	Wide	Radio Kiss Kiss	radio	DVB-S	3/4		27.500		Italian
	Wide	Radio Padre Pio	radio	DVB-S	3/4		27.500		Italian
	Wide	Radio EuroSpin	radio	DVB-S	3/4		27.500		Italian
	Wide	Radio Radicale	radio	DVB-S	3/4		27.500		Italian
	Wide	Dimensione Suono Soft Nord	radio	DVB-S	3/4		27.500		Italian
	Wide	Radio Radio	radio	DVB-S	3/4		27.500		Italian
	Wide	Dimensione Suono Soft Centro	radio	DVB-S	3/4		27.500		Italian
	Wide	DiscoRadio	radio	DVB-S	3/4		27.500		Italian
12.539	H Wide	unknown	package	DVB-S2	5/6		30.000	Conax/Nagravision/Viaccess	
	Wide	Hotbird 4K1	TV	DVB-S2	5/6		30.000		English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	FTV UHD	TV	DVB-S2	5/6	30.000		
	Wide	Love Nature	TV	DVB-S2	5/6	Y 30.000	Conax/Viaccess	"English,Turkish,Russian ,Bulgarian,Czech"
	Wide	MyZen TV 4K	TV	DVB-S2	5/6	30.000	Nagravision/Viaccess	"English,French,Russian, Turkish"
12.558	V Wide	Saudi Broadcasting Authority	package	DVB-S2	5/6	27.500		
	Wide	SBC	TV	DVB-S2	5/6	27.500		Arabic
	Wide	Sunna TV	TV	DVB-S2	5/6	27.500		Arabic
	Wide	Quran TV	TV	DVB-S2	5/6	27.500		Arabic
	Wide	Ekhbariya TV	TV	DVB-S2	5/6	27.500		Arabic
	Wide	Saudi TV	TV	DVB-S2	5/6	27.500		Arabic
12.577	H Wide	unknown	package	DVB-S2	3/4	27.500		
	Wide	Aljazeera Channel	TV	DVB-S2	3/4	27.500		Arabic
	Wide	Italian Fishing TV	TV	DVB-S2	3/4	27.500		Italian
	Wide	Wine TV	TV	DVB-S2	3/4	27.500		Italian
	Wide	Italia Channel	TV	DVB-S2	3/4	27.500		Italian
	Wide	CNC World English	TV	DVB-S2	3/4	27.500		English
	Wide	MS Motor TV	TV	DVB-S2	3/4	27.500		Italian
	Wide	MS Channel	TV	DVB-S2	3/4	27.500		Italian
	Wide	Canal Algérie 2	TV	DVB-S2	3/4	27.500		Arabic
	Wide	Algérie 3	TV	DVB-S2	3/4	27.500		Arabic
	Wide	TV Art Live	TV	DVB-S2	3/4	27.500		Italian
	Wide	RT Arabic	TV	DVB-S2	3/4	27.500		Arabic
12.616	H Wide	Sky Italia	package	DVB-S	5/6	29.900	Nagravision/Videoguard	
	Wide	Class TV Moda	TV	DVB-S	5/6	29.900		Italian
	Wide	Fox Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Baby TV Europe	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Gambero Rosso Channel	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	DeA Junior	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Mosaico Bambini	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Nickelodeon Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Discovery Channel Italia +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Boomerang Italia +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Cartoon Network Italia +1	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	La Effe	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Caccia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Dove TV	TV	DVB-S	5/6	29.900	Videoguard	Italian
12.635	V Wide	Sky Italia	package	DVB-S	5/6	29.900	Nagravision/Videoguard	
	Wide	La 7	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Real Time Italia +1	TV	DVB-S	5/6	29.900	Nagravision/Videoguard	Italian
	Wide	TV 8	TV	DVB-S	5/6	29.900	Nagravision/Videoguard	"Italian,English"
	Wide	DMAX Italia +1	TV	DVB-S	5/6	29.900	Nagravision/Videoguard	Italian
	Wide	Nove	TV	DVB-S	5/6	29.900	Nagravision/Videoguard	Italian
	Wide	Frisbee	TV	DVB-S	5/6	29.900	Nagravision/Videoguard	Italian
	Wide	Super!	TV	DVB-S	5/6	29.900	Nagravision/Videoguard	Italian
	Wide	DeA Kids	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	K2	TV	DVB-S	5/6	29.900	Nagravision/Videoguard	Italian
	Wide	Real Time Italia	TV	DVB-S	5/6	29.900	Nagravision/Videoguard	Italian
	Wide	DMAX Italia	TV	DVB-S	5/6	29.900	Nagravision/Videoguard	Italian
	Wide	Cartoon Network Italia	TV	DVB-S	5/6	29.900	Videoguard	Italian
	Wide	Food Network Italia	TV	DVB-S	5/6	29.900	Nagravision/Videoguard	Italian
12.654	H Wide	Holy Quran Radio	radio	DVB-S	5/6	27.500		Arabic
12.692	H Wide	Mediawan Thematics	package	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Via ccess	
	Wide	BFM TV	TV	DVB-S2	3/4	27.500		French
	Wide	C Star	TV	DVB-S2	3/4	Y 27.500	Mediaguard/Nagravision/Viaccess	French
	Wide	Gulli	TV	DVB-S2	3/4	Y 27.500	Mediaguard/Nagravision/Viaccess	French
	Wide	France Ô promo	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Via ccess	French
	Wide	Game One	TV	DVB-S2	3/4	27.500	Viaccess	French
	Wide	Equidia	TV	DVB-S2	3/4	27.500	Viaccess	French
	Wide	RTL 9	TV	DVB-S2	3/4	Y 27.500	Viaccess	French
	Wide	AB 1	TV	DVB-S2	3/4	Y 27.500	Mediaguard/Nagravision/Viaccess	French
	Wide	Automoto la chaîne	TV	DVB-S2	3/4	Y 27.500	Mediaguard/Nagravision/Viaccess	"French,Turkish"
	Wide	Animaux	TV	DVB-S2	3/4	27.500	Mediaguard/Nagravision/Viaccess	"French,Turkish,English"

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Wide	Chasse & Pêche	TV	DVB-S2	3/4	Y	27.500	Mediaguard/Nagravision/Viaccess	"French,Turkish,Bulgarian,Russian"
	Wide	Paramount Channel France	TV	DVB-S2	3/4		27.500	Nagravision/Viaccess	French
	Wide	Crime District	TV	DVB-S2	3/4		27.500	Mediaguard/Nagravision/Viaccess	French
	Wide	Trek	TV	DVB-S2	3/4	Y	27.500	Mediaguard/Nagravision/Viaccess	"French,Turkish"
	Wide	Toute l'Histoire	TV	DVB-S2	3/4	Y	27.500	Mediaguard/Nagravision/Viaccess	French
	Wide	Action	TV	DVB-S2	3/4	Y	27.500	Mediaguard/Nagravision/Viaccess	French
	Wide	Mangas	TV	DVB-S2	3/4	Y	27.500	Mediaguard/Nagravision/Viaccess	French
	Wide	Science & Vie TV	TV	DVB-S2	3/4	Y	27.500	Mediaguard/Nagravision/Viaccess	"French,Turkish"
	Wide	Téva	TV	DVB-S2	3/4		27.500	Viaccess	French
	Wide	XXL	TV	DVB-S2	3/4	Y	27.500	Irdeto/Mediaguard/Nagravision/Viaccess	French
	Wide	Golf Channel France	TV	DVB-S2	3/4		27.500	Mediaguard/Nagravision/Viaccess	French
12.713	V	Wide	package	DVB-S	5/6		29.900	Videoguard	
	Wide	Sky Primafila 9	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Sky Primafila 11	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Sky Primafila 13	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Sky Primafila 7	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Sky Primafila 28	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Sky Primafila 24	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Sky Primafila 26	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Sky Primafila 27	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Nat Geo Wild Italia +1	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Sky Primafila 25	TV	DVB-S	5/6		29.900	Videoguard	Italian
12.731	H	Wide	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Sky Primafila 16	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Sky Primafila 15	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Sky Primafila 17	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Sky Primafila 18	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Sky Primafila 14	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Sky Sport 9	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Sky Sport 10	TV	DVB-S	5/6		29.900	Videoguard	Italian
	Wide	Sky Sport 13	TV	DVB-S	5/6		29.900	Videoguard	Italian

HOTBIRD 13E

10.727	H	Wide	unknown	package	DVB-S2	3/4	30.000	Nagravision/Viaccess	
		Wide	NASA TV UHD	TV	DVB-S2	3/4	30.000		English
		Wide	Museum	TV	DVB-S2	3/4	30.000	Nagravision/Viaccess	"English,French,Polish"
10.775	H	Wide	IRIB	package	DVB-S2	3/5	29.900		
		Wide	IRINN	TV	DVB-S2	3/5	29.900		Farsi
		Wide	Quran TV	TV	DVB-S2	3/5	29.900		Farsi
		Wide	IFilm Persian	TV	DVB-S2	3/5	29.900		"Farsi,Arabic"
		Wide	Nasim	TV	DVB-S2	3/5	29.900		Farsi
		Wide	Jame-Jam TV Network	TV	DVB-S2	3/5	29.900		Farsi
		Wide	Sahar Balkan	TV	DVB-S2	3/5	29.900		Bosnian
		Wide	Sahar Azeri	TV	DVB-S2	3/5	29.900		Azerbaijan
		Wide	Sahar Urdu	TV	DVB-S2	3/5	29.900		
		Wide	Sahar Kurdi	TV	DVB-S2	3/5	29.900		Kurdish
		Wide	Alkawthar TV	TV	DVB-S2	3/5	29.900		Arabic
		Wide	Press TV	TV	DVB-S2	3/5	29.900		English
		Wide	Hispan TV	TV	DVB-S2	3/5	29.900		Spanish
		Wide	IFilm English	TV	DVB-S2	3/5	29.900		"English,Farsi"
		Wide	Radio Iran	radio	DVB-S2	3/5	29.900		Farsi
		Wide	Radio Payam	radio	DVB-S2	3/5	29.900		Farsi
		Wide	Radio Javan	radio	DVB-S2	3/5	29.900		Farsi
		Wide	Radio Maaref	radio	DVB-S2	3/5	29.900		Farsi
		Wide	Radio Quran	radio	DVB-S2	3/5	29.900		Farsi
		Wide	Radio Farhang	radio	DVB-S2	3/5	29.900		Farsi
		Wide	Radio Salamat	radio	DVB-S2	3/5	29.900		Farsi
		Wide	Radio Varzesh	radio	DVB-S2	3/5	29.900		Farsi
		Wide	Radio Eghtesad	radio	DVB-S2	3/5	29.900		Farsi
		Wide	Radio Tehran	radio	DVB-S2	3/5	29.900		Farsi
		Wide	Radio Ava	radio	DVB-S2	3/5	29.900		Farsi
		Wide	Radio Namayesh	radio	DVB-S2	3/5	29.900		Farsi
		Wide	Radio Fasli	radio	DVB-S2	3/5	29.900		Farsi
		Wide	IRIB World Service Radio 7	radio	DVB-S2	3/5	29.900		English

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	IRIB World Service Radio 3	radio	DVB-S2	3/5	29.900		Arabic
	Wide	Radio Telavat	radio	DVB-S2	3/5	29.900		Farsi
	Wide	Radio Gofogoo	radio	DVB-S2	3/5	29.900		Farsi
	Wide	IRIB World Service Radio 1	radio	DVB-S2	3/5	29.900		
	Wide	IRIB World Service Radio 2	radio	DVB-S2	3/5	29.900		
	Wide	IRIB World Service Radio 4	radio	DVB-S2	3/5	29.900		
	Wide	IRIB World Service Radio 5	radio	DVB-S2	3/5	29.900		
	Wide	IRIB World Service Radio 6	radio	DVB-S2	3/5	29.900		
11.432	V Wide	Mediaset	package	DVB-S2	3/4	29.900	Nagravision/Videoguard	
	Wide	Cine 34	TV	DVB-S2	3/4	29.900	Nagravision/Videoguard	Italian
	Wide	20 Mediaset	TV	DVB-S2	3/4	29.900	Nagravision/Videoguard	Italian
	Wide	Radio Monte Carlo TV	TV	DVB-S2	3/4	29.900	Nagravision/Videoguard	Italian
	Wide	Italia 1	TV	DVB-S2	3/4	29.900	Nagravision/Videoguard	Italian
	Wide	Canale 5	TV	DVB-S2	3/4	29.900	Nagravision/Videoguard	Italian
	Wide	Rete 4	TV	DVB-S2	3/4	29.900	Nagravision/Videoguard	Italian

EUTELSAT 5 WEST B

11.096	V Transalpine	ViaVosges	TV	DVB-S2	3/4	29.950		French
	Transalpine	KTO	TV	DVB-S2	3/4	29.950		French
	Transalpine	RT France	TV	DVB-S2	3/4	29.950		French
	Transalpine	France 3 Nouvelle-Aquitaine	TV	DVB-S2	3/4	29.950	Viaccess	French
11.465	H Transalpine	Magic Alouette Haute-Vienne	radio	DVB-S2	3/5	.667		French
	Transalpine	Tempo Alouette	radio	DVB-S2	3/5	.667		French
	Transalpine	Magic Alouette Creuse	radio	DVB-S2	3/5	.667		French
11.471	V Transalpine	#ALaMaison	TV	DVB-S2	3/4	29.950	Viaccess	French
	Transalpine	D!ci TV	TV	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu 107.1	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Alsace	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Armorique	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Auxerre	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Azur	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Normandie Calvados - Orne	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Béarn	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Belfort-Montbéliard	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Berry	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Besançon	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Bourgogne	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Breizh Izel	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Champagne-Ardenne	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Cotentin	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Creuse	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Drôme-Ardèche	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu RCFM	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Gard Lozère	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Gascogne	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Gironde	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Normandie Seine-Maritime - Eure	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Hérault	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Isère	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu La Rochelle	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Limousin	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Loire Océan	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Lorraine Nord	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Maine	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Mayenne	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Nord	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Orléans	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Pays Basque	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Pays d'Auvergne	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Pays de Savoie	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Périgord	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Picardie	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Poitou	radio	DVB-S2	3/4	29.950		French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Transalpine	France Bleu Provence	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Roussillon	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Saint-Étienne Loire	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Sud Lorraine	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Occitanie	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Touraine	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Bleu Vaucluse	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Inter	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Culture	radio	DVB-S2	3/4	29.950		French
	Transalpine	France Musique	radio	DVB-S2	3/4	29.950		French
	Transalpine	FIP	radio	DVB-S2	3/4	29.950		French
	Transalpine	Franceinfo: Radio	radio	DVB-S2	3/4	29.950		French
	Transalpine	Mouv'	radio	DVB-S2	3/4	29.950		French
	Transalpine	BFM Business Radio	radio	DVB-S2	3/4	29.950		French
	Transalpine	RMC	radio	DVB-S2	3/4	29.950		French
	Transalpine	Nostalgie	radio	DVB-S2	3/4	29.950		French
	Transalpine	NRJ France	radio	DVB-S2	3/4	29.950		French
	Transalpine	Rire & Chansons	radio	DVB-S2	3/4	29.950		French
	Transalpine	Chérie FM	radio	DVB-S2	3/4	29.950		French
	Transalpine	Europe 1	radio	DVB-S2	3/4	29.950		French
	Transalpine	Virgin Radio France	radio	DVB-S2	3/4	29.950		French
	Transalpine	RFM	radio	DVB-S2	3/4	29.950		French
	Transalpine	Africa N° 1 Libreville	radio	DVB-S2	3/4	29.950		French
	Transalpine	Radio Nova	radio	DVB-S2	3/4	29.950		French
11.472	H Transalpine	unknown	package	DVB-S2	4/5	9.900		
	Transalpine	France Bleu 107.1	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Alsace	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Armorique	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Auxerre	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Azur	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Normandie Calvados - Orne	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Béarn	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Belfort-Montbéliard	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Berry	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Besançon	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Bourgogne	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Breizh Izel	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Champagne-Ardenne	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Cotentin	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Creuse	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Drôme-Ardèche	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu RCFM	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Gard Lozère	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Gascogne	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Gironde	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Normandie Seine-Maritime - Eure	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Hérault	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Isère	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu La Rochelle	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Limousin	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Loire Océan	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Lorraine Nord	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Maine	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Mayenne	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Nord	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Orléans	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Pays Basque	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Pays d'Auvergne	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Pays de Savoie	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Périgord	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Picardie	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Poitou	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Provence	radio	DVB-S2	4/5	9.900		French

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Transalpine	France Bleu Roussillon	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Saint-Étienne Loire	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Sud Lorraine	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Occitanie	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Touraine	radio	DVB-S2	4/5	9.900		French
	Transalpine	France Bleu Vaucluse	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF National	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Pays de l'Ain	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Allier	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Alpes-Provence	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Aube Haute-Marne	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Pays d'Aude	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF en Berry	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF en Bourgogne	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Besançon	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Drôme	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Bordeaux	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Alpha	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Touraine	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Isère	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Loir-et-Cher	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Haute-Loire	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Anjou	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Reims-Ardennes	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Cœur de Champagne	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Lyon	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Savoie	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Haute-Savoie	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Haute-Normandie	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Vaucluse	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Vendée	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Poitou	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Limousin	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Corrèze	radio	DVB-S2	4/5	9.900		French
	Transalpine	RCF Jerico Moselle	radio	DVB-S2	4/5	9.900		French
	Transalpine	FIP	radio	DVB-S2	4/5	9.900		French
	Transalpine	Radio Espérance	radio	DVB-S2	4/5	9.900		French
11.554	V Transalpine	Fransat Info promo	TV	DVB-S2	3/4	29.950		French
11.637	V Transalpine	Rete Oro	TV	DVB-S2	3/5	30.000		Italian
12.522	V Transalpine	Sky Sport Serie A	TV	DVB-S2	3/4	35.500	Nagravision	Italian
	Transalpine	Premium Action	TV	DVB-S2	3/4	35.500	Nagravision/Videoguard	Italian
	Transalpine	Sky Cinema per te	TV	DVB-S2	3/4	35.500	Nagravision	Italian
	Transalpine	Sky Sport Uno	TV	DVB-S2	3/4	35.500	Nagravision	Italian
	Transalpine	Sky Sport Uno	TV	DVB-S2	3/4	35.500	Nagravision	Italian
	Transalpine	Sky Sport 24	TV	DVB-S2	3/4	35.500	Nagravision	Italian
	Transalpine	Sky Uno	TV	DVB-S2	3/4	35.500	Nagravision	Italian
	Transalpine	Cairo Communication	package	DVB-S2	3/4	35.500		
	Transalpine	La 7	TV	DVB-S2	3/4	35.500		Italian
	Transalpine	La 7	TV	DVB-S2	3/4	35.500		Italian
12.585	H Transalpine	Rete 4	TV	DVB-S2	2/3	35.500		Italian
	Transalpine	Canale 5	TV	DVB-S2	2/3	35.500		Italian
	Transalpine	Italia 1	TV	DVB-S2	2/3	35.500		Italian
	Transalpine	La 5	TV	DVB-S2	2/3	35.500		Italian
	Transalpine	TGCom 24	TV	DVB-S2	2/3	35.500		Italian
	Transalpine	Iris	TV	DVB-S2	2/3	35.500		Italian
	Transalpine	Sportitalia	package	DVB-S2	2/3	35.500		
	Transalpine	Sportitalia	TV	DVB-S2	2/3	35.500		Italian
12.669	H Transalpine	Cairo Communication	package	DVB-S2	2/3	35.500		
	Transalpine	La 7	TV	DVB-S2	2/3	35.500		Italian
	Transalpine	La 7 d	TV	DVB-S2	2/3	35.500		Italian
	Transalpine	La 7	TV	DVB-S2	2/3	35.500		Italian
	Transalpine	La 7 d	TV	DVB-S2	2/3	35.500		Italian
	Transalpine	Sky Sport Serie A	TV	DVB-S2	2/3	35.500	Nagravision	Italian
	Transalpine	Premium Action	TV	DVB-S2	2/3	35.500	Nagravision/Videoguard	Italian

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	Transalpine	Sky Cinema per te	TV	DVB-S2	2/3	35.500	Nagravision	Italian
	Transalpine	Sky Sport Uno	TV	DVB-S2	2/3	35.500	Nagravision	Italian
	Transalpine	Sky Sport Uno	TV	DVB-S2	2/3	35.500	Nagravision	Italian
	Transalpine	Sky Sport 24	TV	DVB-S2	2/3	35.500	Nagravision	Italian