



Eutelsat TV Line-Up

Channels transmitted by Eutelsat satellites

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No responsibility is taken for errors or omissions.

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
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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		
	C	TV Docencia	TV	DVB-S	3/4	27.000		
	C	ILCE Canal 13 Innova Conocimiento	TV	DVB-S	3/4	27.000		
	C	UnAD	TV	DVB-S	3/4	27.000		
	C	ILCE Canal 15 Summa Saberes	TV	DVB-S	3/4	27.000		
	C	Canal 22 Nacional	TV	DVB-S	3/4	27.000		
	C	Telebachillerato	TV	DVB-S	3/4	27.000		
	C	Canal Iberoamericano	TV	DVB-S	3/4	27.000		
	C	Tele México	TV	DVB-S	3/4	27.000		
	C	TV Universidad	TV	DVB-S	3/4	27.000		
	C	Red de las Artes	TV	DVB-S	3/4	27.000		
	C	Aprende TV	TV	DVB-S	3/4	27.000		
	C	Canal del Congreso	TV	DVB-S	3/4	27.000		
	C	Especiales	TV	DVB-S	3/4	27.000		
	C	Transmisiones Especiales 27	TV	DVB-S	3/4	27.000		
	C	TV UNAM	TV	DVB-S	3/4	27.000		
3.744	V C	INE TV	TV	DVB-S2	3/4	2.665		
3.748	V C	Radio Centro	radio	DVB-S	7/8	2.100		
3.768	V C	Inti Network	TV	DVB-S2	3/4	4.800		
3.772	V C	Gama TV	TV	DVB-S	3/4	3.515	BISS	
3.786	V C	Telecentro	TV	DVB-S	3/4	4.000		
3.798	V C	TPSD	package	DVB-S2	8/9	5.225		
	C	Color Visión 9	TV	DVB-S2	8/9	5.225		
	C	Noticias 16	TV	DVB-S2	8/9	5.225		
	C	Canal 25	TV	DVB-S2	8/9	5.225		
	C	Buenavision TV	TV	DVB-S2	8/9	5.225		
	C	Sport Vision	TV	DVB-S2	8/9	5.225		
	C	Amé 47 TV	TV	DVB-S2	8/9	5.225		
	C	Red Nacional de Noticias	TV	DVB-S2	8/9	5.225		
	C	Santo Domingo TV	TV	DVB-S2	8/9	5.225		
	C	Naranja TV	TV	DVB-S2	8/9	5.225		
3.804	H C	Canal Judicial	TV	DVB-S	3/4	4.000		
	C	Congreso TV	TV	DVB-S2	5/6	1.480		
3.808	H C	Canal Antigua	TV	DVB-S	3/4	2.170		
3.820	H C	Canal Uno	TV	DVB-S2	3/4	2.000	BISS	
3.824	H C	Canal 10	TV	DVB-S	3/4	1.808		
3.840	V C	unknown	package	DVB-S2	3/4	30.000	PowerVu	
	C	Film & Arts México	TV	DVB-S2	3/4	30.000	PowerVu	
	C	TVC Deportes 2	TV	DVB-S2	3/4	30.000	PowerVu	
	C	Mega Sports	TV	DVB-S2	3/4	30.000	PowerVu	
	C	Pánico	TV	DVB-S2	3/4	30.000	PowerVu	
	C	TVC	TV	DVB-S2	3/4	30.000	PowerVu	
	C	Video Rola	TV	DVB-S2	3/4	30.000	PowerVu	
	C	Pasiones Latinoamérica	TV	DVB-S2	3/4	30.000	PowerVu	
	C	Cine Mexicano	TV	DVB-S2	3/4	30.000	PowerVu	
	C	Pánico	TV	DVB-S2	3/4	30.000	PowerVu	
	C	AMC México	TV	DVB-S2	3/4	30.000	PowerVu	
	C	Platino 2	TV	DVB-S2	3/4	30.000	PowerVu	
	C	Platino	TV	DVB-S2	3/4	30.000	PowerVu	
	C	Más Chic Lationamérica	TV	DVB-S2	3/4	30.000	PowerVu	
	C	Elgourmet	TV	DVB-S2	3/4	30.000	PowerVu	
	C	Sundance TV Latin America	TV	DVB-S2	3/4	30.000	PowerVu	
	C	Hola! TV	TV	DVB-S2	3/4	30.000	PowerVu	
	C	NFL Network	TV	DVB-S2	3/4	30.000	PowerVu	
3.845	H C	Azteca Guatemala	TV	DVB-S	3/4	3.460	BISS	
3.850	H C	El Financiero Bloomberg	TV	DVB-S2	5/6	5.000		
3.853	H C	UCSG TV	TV	DVB-S2	3/4	1.667		
3.868	V C	unknown	package	DVB-S2	3/4	8.131		
	C	PX Sports	TV	DVB-S2	3/4	8.131		
	C	Trace Sport Stars	TV	DVB-S2	3/4	8.131	BISS	
3.883	H C	TV Manabita	TV	DVB-S2	3/4	1.350		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
3.888	V C	Telerama	TV	DVB-S2	2/3	1.480		
3.890	V C	Telefuturo	TV	DVB-S	3/4	1.475		
3.897	V C	Canela TV	TV	DVB-S	3/4	1.480		
3.899	H C	CorTV	TV	DVB-S2	3/4	4.167		
	C	Oaxaqueña Radio Aro FM	radio	DVB-S2	3/4	4.167		
	C	Global 96.9 Aro FM	radio	DVB-S2	3/4	4.167		
3.903	V C	La Voz de Marfa	TV	DVB-S	7/8	2.200		
	C	UNAH UTV	TV	DVB-S2	5/6	1.480		
3.905	H C	Teleceiba	TV	DVB-S2	3/4	1.600		
3.908	H C	Canal Antigua	TV	DVB-S	3/4	2.170		
3.911	H C	Veá Canal	TV	DVB-S	3/4	2.500		
3.916	H C	IPN	TV	DVB-S	3/4	1.520		
3.920	V C	MW Network	package	Digicipher 2	3/4	7.320	Encrypted	
	C	Movie World	TV	Digicipher 2	3/4	7.320	Encrypted	
	C	Momentum	TV	Digicipher 2	3/4	7.320	Encrypted	
	C	Beverly Hills Movies	TV	Digicipher 2	3/4	7.320	Encrypted	
3.926	V C	Globo TV	TV	DVB-S	3/4	2.222		
	C	Radio Globo Honduras	radio	DVB-S	3/4	2.222		
3.930	V C	Teleuniverso	TV	DVB-S	7/8	2.310		
3.932	V C	Mas TV Canal 54	TV	DVB-S2	3/4	1.447		
3.940	H C	Televisa Networks	package	Digicipher 2	3/4	29.270	Encrypted	
	C	De Película	TV	Digicipher 2	3/4	29.270	Encrypted	
	C	Golden	TV	Digicipher 2	3/4	29.270	Encrypted	
	C	Golden Edge	TV	Digicipher 2	3/4	29.270	Encrypted	
	C	Unicable	TV	Digicipher 2	3/4	29.270	Encrypted	
	C	TeleHit	TV	Digicipher 2	3/4	29.270	Encrypted	
	C	RMS	TV	Digicipher 2	3/4	29.270	Encrypted	
	C	Bandamax	TV	Digicipher 2	3/4	29.270	Encrypted	
	C	Tinovelas América	TV	Digicipher 2	3/4	29.270	Encrypted	
	C	Las Estrellas México	TV	Digicipher 2	3/4	29.270	Encrypted	
	C	Foro TV	TV	Digicipher 2	3/4	29.270	Encrypted	
	C	Canal 5	TV	Digicipher 2	3/4	29.270	Encrypted	
	C	Gala TV	TV	Digicipher 2	3/4	29.270	Encrypted	
	C	Tiin	TV	Digicipher 2	3/4	29.270	Encrypted	
	C	Las Estrellas México +2	TV	Digicipher 2	3/4	29.270	Encrypted	
3.949	V C	Honduras mux	package	DVB-S2	3/4	11.250		
	C	DTV	TV	DVB-S2	3/4	11.250		
	C	Si TV	TV	DVB-S2	3/4	11.250		
	C	Mi Viña Channel	TV	DVB-S2	3/4	11.250		
	C	HCH	TV	DVB-S2	3/4	11.250		
	C	Waldiviación Internacional	TV	DVB-S2	3/4	11.250		
	C	Todo Deportes TV	TV	DVB-S2	3/4	11.250		
	C	TeleProgreso	TV	DVB-S2	3/4	11.250		
	C	JBN TV	TV	DVB-S2	3/4	11.250		
	C	Canal 11	TV	DVB-S2	3/4	11.250		
	C	TVH	TV	DVB-S2	3/4	11.250		
	C	CCI Channel	TV	DVB-S2	3/4	11.250		
	C	FFAA TV	TV	DVB-S2	3/4	11.250		
	C	Nuevo Mundo	TV	DVB-S2	3/4	11.250		
	C	Canal 11	TV	DVB-S2	3/4	11.250		
	C	CHTV	TV	DVB-S2	3/4	11.250		
	C	Radio Globo Honduras	radio	DVB-S2	3/4	11.250		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	C	Musiquera	radio	DVB-S2	3/4	11.250		
	C	HCH Radio	radio	DVB-S2	3/4	11.250		
	C	Radio Visión Honduras	radio	DVB-S2	3/4	11.250		
3.957	V C	unknown	package	DVB-S2	3/4	1.595		
	C	Todo Deportes TV	TV	DVB-S2	3/4	1.595		
	C	Canal 11	TV	DVB-S2	3/4	1.595		
	C	TeleProgreso	TV	DVB-S2	3/4	1.595		
	C	TVH	TV	DVB-S2	3/4	1.595		
	C	JBN TV	TV	DVB-S2	3/4	1.595		
	C	CCI Channel	TV	DVB-S2	3/4	1.595		
	C	FFAA TV	TV	DVB-S2	3/4	1.595		
	C	Nuevo Mundo	TV	DVB-S2	3/4	1.595		
	C	Canal 11	TV	DVB-S2	3/4	1.595		
	C	DTV	TV	DVB-S2	3/4	1.595		
	C	Si TV	TV	DVB-S2	3/4	1.595		
	C	Waldivisión Internacional	TV	DVB-S2	3/4	1.595		
	C	Mi Viña Channel	TV	DVB-S2	3/4	1.595		
	C	HCH	TV	DVB-S2	3/4	1.595		
	C	CHTV	TV	DVB-S2	3/4	1.595		
	C	Radio Globo Honduras	radio	DVB-S2	3/4	1.595		
	C	Musiquera	radio	DVB-S2	3/4	1.595		
	C	HCH Radio	radio	DVB-S2	3/4	1.595		
	C	Radio Visión Honduras	radio	DVB-S2	3/4	1.595		
3.960	V C	CB TV México	TV	DVB-S2	5/6	1.595		
3.962	V C	NTV	TV	DVB-S2	3/4	1.800		
3.968	V C	Ecuavisa	package	DVB-S	3/4	7.500	BISS	
	C	Ecuavisa	TV	DVB-S	3/4	7.500	BISS	
	C	Ecuavisa Internacional	TV	DVB-S	3/4	7.500	BISS	
3.969	H C	Monte María TV	TV	DVB-S2	3/4	1.100		
3.975	H C	Honduras mux	package	DVB-S2	3/4	2.170		
	C	TV Nacional de Honduras	TV	DVB-S2	3/4	2.170		
	C	Congreso TV	TV	DVB-S2	3/4	2.170		
3.976	V C	RTG	TV	DVB-S	3/4	2.666		
3.984	V C	NTR Canal 44	TV	DVB-S	3/4	3.100		
4.009	V C	Dominican Republic mux	package	DVB-S	3/4	6.379		
	C	Tele Antillas	TV	DVB-S	3/4	6.379		
	C	Coral 39	TV	DVB-S	3/4	6.379		
	C	Telesistema	TV	DVB-S	3/4	6.379		
4.014	H C	unknown	package	DVB-S2	5/6	17.600		
	C	Claro Sports	TV	DVB-S2	5/6	17.600		
	C	Concert Channel	TV	DVB-S2	5/6	17.600		
	C	Canal Claro	TV	DVB-S2	5/6	17.600		
	C	Claro Cinema	TV	DVB-S2	5/6	17.600		
4.015	V C	Ecuador TV	TV	DVB-S	3/4	3.000		Spanish
4.031	V C	Dominican Republic mux	package	DVB-S	5/6	15.200		
	C	Telemicro Canal 5	TV	DVB-S	5/6	15.200		
	C	Telemicro Internacional	TV	DVB-S	5/6	15.200		
	C	Digital 15	TV	DVB-S	5/6	15.200		
	C	Independencia FM	radio	DVB-S	5/6	15.200		
	C	Primera FM	radio	DVB-S	5/6	15.200		
4.044	H C	Panamericana TV	TV	DVB-S	3/4	3.333		
4.049	H C	México Gobierno Federal	package	DVB-S	3/4	3.330		
4.052	V C	TV Méxicuense	package	DVB-S2	3/4	5.146		
	C	TV Méxicuense	TV	DVB-S2	3/4	5.146		
	C	+ Méxicuense	TV	DVB-S2	3/4	5.146		
	C	Radio Méxicuense 91.1 FM	radio	DVB-S2	3/4	5.146		
	C	Radio Méxicuense 1600 AM	radio	DVB-S2	3/4	5.146		
4.057	V C	CB TV Michoacan	TV	DVB-S2	5/6	1.596		
4.064	H C	unknown	package	Digicipher 2	3/4	19.510		
	C	Canal del Congreso	TV	Digicipher 2	3/4	19.510		
	C	Canal Judicial	TV	Digicipher 2	3/4	19.510		
	C	Gobierno de la República	TV	Digicipher 2	3/4	19.510		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
4.075	H C	Cemesatel	TV	DVB-S	3/4	2.962		
4.084	H C	Guatevisión	TV	DVB-S	7/8	3.162		
4.090	H C	El Financiero Bloomberg	package	DVB-S2	5/6	5.000		
	C	El Financiero Bloomberg	TV	DVB-S2	5/6	5.000		
	C	El Financiero Bloomberg	TV	DVB-S2	5/6	5.000		
4.098	H C	Tele Ciudadana	TV	DVB-S	2/3	3.200		
4.103	H C	Ecuavisa Quito	TV	DVB-S2	2/3	1.600		
4.106	H C	Telesur	TV	DVB-S	2/3	3.200		
4.109	H C	México Travel Channel	TV	DVB-S2	3/4	2.885		
4.116	H C	TV Arquidiócesana	TV	DVB-S2	3/4	2.500		
4.120	V C	unknown	package	DVB-S2	5/6	30.000		
	C	Nacion TV Internacional	TV	DVB-S2	5/6	30.000	Digicipher	
	C	Flow Sports	TV	DVB-S2	5/6	30.000		
4.134	H C	Ecuador TV Internacional	TV	DVB-S	3/4	4.400		
4.155	H C	Oromar TV	TV	DVB-S2	3/4	1.480		
4.175	H C	RTV	TV	DVB-S2	?	1.850		
4.178	H C	Azteca Honduras	TV	DVB-S2	3/4	2.800		
4.189	H C	Edusat	package	Digicipher 2	3/4	9.760		
	C	Telesecundaria	TV	Digicipher 2	3/4	9.760		
	C	TV Docencia	TV	Digicipher 2	3/4	9.760		
	C	TV UNAM	TV	Digicipher 2	3/4	9.760		
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	
	Ku 2	Tigo promo	TV	DVB-S	3/4	30.000		
	Ku 2	Warner Channel Atlántico Sur	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	AXN Latinoamérica	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Canal Sony Sur	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	El Latinoamérica	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	HBO Family Latinoamérica	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	MTV Latino	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Max Prime Este	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Universal Channel América Latina Este	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	I-Sat	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Fox Premium Family Este	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Fox Premium Cinéma	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Az Mundo	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Caracol TV	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Golden Latinoamérica	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	AMC Latin America	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Golden Edge	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Fox Sports Latin America	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Fox Sports 3 Latin America	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Discovery Turbo América Latina	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Cinemax Latinoamérica	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	EWTN España Latinoamérica	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Fox Sports 2 Latin America	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Cinecanal Este	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	HBO 2 Latinoamérica	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	National Geographic Atlántico Sur	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	H2 Latinoamérica	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	FXM Este	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	HBO Latinoamérica	TV	DVB-S	3/4	30.000	Conax	
12.080	H Ku 2	Tigo	package	DVB-S	3/4	30.000	Conax	
	Ku 2	Ve Plus TV	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Space Sur	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	FX Norte	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	AXN Latinoamérica	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	ESPN América Latina	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	ESPN 2 América Latina	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Fox Life Sur	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Telemundo Internacional	TV	DVB-S	3/4	30.000	Conax	

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	Ku 2	Az Corazón	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	ESPN 3 América Latina	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Pasiones Latinoamérica	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Fox Latin America	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	TLC Latinoamérica	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Space Sur	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	FX Norte	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Canal 2	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Canal 4	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Canal 12	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Canal 6	TV	DVB-S	3/4	30.000	Conax	
	Ku 2	Megavisión Canal 21	TV	DVB-S	3/4	30.000	Conax	
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	
	Ku 2	Elgourmet	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	Nick Jr Latin America	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	Boomerang Latin America	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	TVE Internacional América 1	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	Cartoon Network Latin America	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	Animal Planet Latinoamérica	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	Fox Premium Movies	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	Fox Premium Action Este	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	HTV	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	Investigation Discovery Latinoamérica	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	Discovery Channel Latinoamérica	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	TCM América Latina	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	Discovery Kids América Latina	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	Disney Junior Sur	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	TLC Latinoamérica	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	CNN en Español	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	TNT Series Argentina	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	Venus	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	TNT América Latina	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	Discovery Home & Health Latinoamérica	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	Fox Premium Series Este	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	Nickelodeon Sur	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	Disney Channel Sur	TV	DVB-S	3/4	29.000	Conax	
	Ku 2	Disney XD Sur	TV	DVB-S	3/4	29.000	Conax	
12.123	V Ku 2	Tele Vida Abundante	TV	DVB-S2	3/4	3.078		
12.184	H Ku 2	XEWT 12	TV	DVB-S2	3/4	1.680	BISS	
12.189	H Ku 2	XEWT 12	TV	DVB-S	7/8	1.660	BISS	

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3.704	V C 1	Canal Pro	TV	DVB-S	3/4	2.120		
3.720	V C 1	TRC TV	TV	DVB-S2	5/6	3.000		
3.731	V C 1	TV Tabasqueña	TV	DVB-S	7/8	3.782		
	C 1	La Más Choca de Todas	radio	DVB-S	7/8	3.782		
3.736	V C 1	TeleFórmula	TV	DVB-S	3/4	3.254		
3.744	V C 1	TV Cuatro 4.1	TV	DVB-S	3/4	2.893		
3.747	H C 1	Veracidad Channel	TV	DVB-S	7/8	2.542		
3.752	V C 1	Telemar	TV	DVB-S	3/4	2.893		
3.760	V C 1	Telesur	TV	DVB-S	3/4	2.893		
3.764	H C 1	RCG TV 1	TV	DVB-S	3/4	2.934		
3.765	V C 1	Megacanal	TV	DVB-S	3/4	3.254		
3.768	H C 1	Sistema Michoacano de TV	TV	DVB-S	7/8	2.976		
	C 1	La Radio de Todos FM	radio	DVB-S	7/8	2.976		
3.769	V C 1	Video Rola	TV	DVB-S	3/4	3.363		
	C 1	La Radio de Todos FM	radio	DVB-S	3/4	3.363		
3.773	V C 1	Green TV	TV	DVB-S	3/4	2.532		
	C 1	Trecevisión	TV	DVB-S	3/4	2.875		
3.779	H C 1	TeleFórmula	TV	DVB-S2	2/3	4.800		
3.784	H C 1	Tele 10	TV	DVB-S	7/8	2.666		
3.787	H C 1	unknown	package	DVB-S	3/4	2.083		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	C 1	W Radio	radio	DVB-S	3/4	2.083		
	C 1	Radiopolis	radio	DVB-S	3/4	2.083		
	C 1	Los 40 Principales México	radio	DVB-S	3/4	2.083		
	C 1	Ke buena	radio	DVB-S	3/4	2.083		
	C 1	TDW	radio	DVB-S	3/4	2.083		
	C 1	W Radio	radio	DVB-S	3/4	2.083		
	C 1	Los 40 Principales México	radio	DVB-S	3/4	2.083		
	C 1	Los 40 Principales México	radio	DVB-S	3/4	2.083		
	C 1	Ke buena	radio	DVB-S	3/4	2.083		
	C 1	Ke buena	radio	DVB-S	3/4	2.083		
	C 1	WFM	radio	DVB-S	3/4	2.083		
3.794	H C 1	RCG TV 1	TV	DVB-S2	3/5	1.660		
3.796	H C 1	TV Tabasqueña	TV	DVB-S	?	3.470		
3.809	H C 1	Canal 22	package	DVB-S2	5/6	10.000		
	C 1	Canal 22 Nacional	TV	DVB-S2	5/6	10.000	BISS	
	C 1	Canal 22 Metropolitana y Nacional	TV	DVB-S2	5/6	10.000		
	C 1	Canal 22.2	TV	DVB-S2	5/6	10.000		
	C 1	Canal 22 Metropolitana y Nacional	TV	DVB-S2	5/6	10.000		
3.821	H C 1	Hidalgo TV	TV	DVB-S	7/8	3.255		
	C 1	Hidalgo Radio	radio	DVB-S	7/8	3.255		
3.824	H C 1	Canal 6 Media TV	TV	DVB-S2	7/8	2.400		
3.828	V C 1	Conoce México	TV	DVB-S	5/6	2.550		
3.834	H C 1	Canal Catorce	TV	DVB-S2	5/6	3.620		
3.835	V C 1	Mayavisión	TV	DVB-S	3/4	1.807		
3.837	V C 1	Conoce México	TV	DVB-S	7/8	2.550		
3.848	H C 1	World TV	TV	DVB-S2	3/4	3.200		
	C 1	Multimedios TV	package	DVB-S2	2/3	19.165	PowerVu	
	C 1	Multimedios Plus	TV	DVB-S2	2/3	19.165	PowerVu	
	C 1	Milenio TV	TV	DVB-S2	2/3	19.165	PowerVu	
	C 1	Multimedios TV USA	TV	DVB-S2	2/3	19.165	PowerVu	
	C 1	Multimedios TV Houston	TV	DVB-S2	2/3	19.165	PowerVu	
	C 1	Altavisión	TV	DVB-S2	2/3	19.165	PowerVu	
	C 1	Multimedios TV	TV	DVB-S2	2/3	19.165	PowerVu	
3.853	H C 1	Imagen Informativa	TV	DVB-S	3/4	3.255		
3.857	H C 1	XEJB AM 630	radio	DVB-S	3/4	2.804		
	C 1	XEJB FM 96.3	radio	DVB-S	3/4	2.804		
3.863	H C 1	TV Nuevo León 28	TV	DVB-S	3/4	3.200		
	C 1	1510 La Nueva Radio	radio	DVB-S	3/4	3.200		
3.867	H C 1	Tlaxcala TV	TV	DVB-S2	3/5	2.415		
	C 1	Radio Tlaxcala	radio	DVB-S2	3/5	2.415		
3.875	H C 1	Imagen TV	TV	DVB-S2	?	5.000		
3.880	V C 1	TVC Networks	package	DVB-S2	2/3	30.000	PowerVu	
	C 1	MTV Latíno	TV	DVB-S2	2/3	30.000	PowerVu	
	C 1	Nickelodeon Norte	TV	DVB-S2	2/3	30.000	PowerVu	
	C 1	KW TV	TV	DVB-S2	2/3	30.000	PowerVu	
	C 1	NBA TV	TV	DVB-S2	2/3	30.000	PowerVu	
	C 1	Excélsior TV	TV	DVB-S2	2/3	30.000	PowerVu	
	C 1	TeleFórmula	TV	DVB-S2	2/3	30.000	PowerVu	
	C 1	Cine Nostalgia	TV	DVB-S2	2/3	30.000	PowerVu	
	C 1	Cine Estelar	TV	DVB-S2	2/3	30.000	PowerVu	
	C 1	WOB! TV	TV	DVB-S2	2/3	30.000	PowerVu	
	C 1	Ocho TV	TV	DVB-S2	2/3	30.000		
	C 1	Megacanal	TV	DVB-S2	2/3	30.000		
	C 1	TVC	TV	DVB-S2	2/3	30.000	PowerVu	
	C 1	Video Rola	TV	DVB-S2	2/3	30.000	PowerVu	
	C 1	TVC Deportes	TV	DVB-S2	2/3	30.000	PowerVu	
	C 1	Efeko TV	TV	DVB-S2	2/3	30.000	PowerVu	
	C 1	Green TV	TV	DVB-S2	2/3	30.000	PowerVu	
3.900	H C 1	Hi-TV	package	DVB-S2	3/5	31.350	Conax	
	C 1	Az Corazón	TV	DVB-S2	3/5	31.350	Conax	
	C 1	Azteca 7	TV	DVB-S2	3/5	31.350	Conax	
	C 1	Azteca Noticias	TV	DVB-S2	3/5	31.350	Conax	
3.955	H C 1	Excélsior TV	TV	DVB-S2	?	2.400		
4.034	H C 3	Claro TV pro-mo	TV	DVB-S	3/4	3.551		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
4.064	V C 3	TV Más	TV	DVB-S2	3/4	3.080		
	C 3	Radiomás	radio	DVB-S2	3/4	3.080		
4.140	H C 3	Alterna TV	package	DVB-S2	5/6	30.000	PowerVu	
	C 3	Canal Once	TV	DVB-S2	5/6	30.000	PowerVu	
	C 3	Fix & Foxi	TV	DVB-S2	5/6	30.000	PowerVu	
	C 3	AyM Sports	TV	DVB-S2	5/6	30.000	PowerVu	
	C 3	Latin American Sports USA	TV	DVB-S2	5/6	30.000	PowerVu	
	C 3	Latin American Sports Puerto Rico	TV	DVB-S2	5/6	30.000	PowerVu	
	C 3	Telemicro Internacional	TV	DVB-S2	5/6	30.000	PowerVu	
	C 3	Ecuavisa Internacional	TV	DVB-S2	5/6	30.000	PowerVu	
	C 3	CB TV Michoacan	TV	DVB-S2	5/6	30.000	PowerVu	
	C 3	PX Sports	TV	DVB-S2	5/6	30.000	PowerVu	
	C 3	Canal 22 Internacional	TV	DVB-S2	5/6	30.000	PowerVu	
	C 3	Motorsport TV North America	TV	DVB-S2	5/6	30.000	PowerVu	
	C 3	Motorsport TV Latin America	TV	DVB-S2	5/6	30.000	PowerVu	
	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	
	C 3	Manhandle XX.5	TV	DVB-S2	5/6	15.000	Digicipher	
	C 3	Cheap Thrills	TV	DVB-S2	5/6	15.000	Digicipher	
	C 3	Xtsy Latin	TV	DVB-S2	5/6	15.000	Digicipher	
	C 3	Xtsy XXX	TV	DVB-S2	5/6	15.000	Digicipher	
	C 3	Juicy	TV	DVB-S2	5/6	15.000	Digicipher	
	C 3	Real	TV	DVB-S2	5/6	15.000	Digicipher	
	C 3	Penthouse TV	TV	DVB-S2	5/6	15.000	Digicipher	
	C 3	Xtsy XX.5	TV	DVB-S2	5/6	15.000	Digicipher	
	C 3	TEN	TV	DVB-S2	5/6	15.000	Digicipher	
	C 3	Manhandle XXX	TV	DVB-S2	5/6	15.000	Digicipher	
	C 3	Girlfriends Films	TV	DVB-S2	5/6	15.000	Digicipher	
	C 3	Hustler HD USA	TV	DVB-S2	5/6	15.000	Digicipher	
11.994	V Ku 2	unknown	package	DVB-S	2/3	4.340		
	Ku 2	Esperanza TV	TV	DVB-S	2/3	4.340		
	Ku 2	Hope Channel	TV	DVB-S	2/3	4.340		
	Ku 2	Radio Nuevo Tiempo	radio	DVB-S	2/3	4.340		
12.046	H Ku 2	Reuters Live	TV	DVB-S2	3/5	18.900		
12.076	H Ku 2	BVN Amerika	TV	DVB-S	3/4	5.787		Dutch
12.161	H Ku 2	Apostolic Oneness Network	TV	DVB-S	3/4	1.480		

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3.807	R C	Soico TV	package	DVB-S2	5/6	3.250		
	C	STV Noticias	TV	DVB-S2	5/6	3.250		
	C	Soico TV	TV	DVB-S2	5/6	3.250		
	C	Soico FM	radio	DVB-S2	5/6	3.250		
3.825	L C	TV Lesotho	TV	DVB-S2	3/5	4.597		
	C	Radio Lesotho	radio	DVB-S2	3/5	4.597		
3.840	L C	Channels 24	TV	DVB-S2	3/5	2.400		
3.853	R C	Zambian mux	package	DVB-S2	3/4	9.664		
	C	ZNBC TV 1	TV	DVB-S2	3/4	9.664		
	C	ZNBC TV 2	TV	DVB-S2	3/4	9.664		
	C	ZNBC TV 3	TV	DVB-S2	3/4	9.664		
	C	Revelation TV	TV	DVB-S2	3/4	9.664		
	C	Prime TV	TV	DVB-S2	3/4	9.664		
	C	ABN TV	TV	DVB-S2	3/4	9.664		
	C	Fresh TV	TV	DVB-S2	3/4	9.664		
	C	Q TV	TV	DVB-S2	3/4	9.664		
	C	City TV	TV	DVB-S2	3/4	9.664		
	C	CBC TV	TV	DVB-S2	3/4	9.664		
	C	Diamond TV	TV	DVB-S2	3/4	9.664		
	C	Camnet TV	TV	DVB-S2	3/4	9.664		
	C	Life TV	TV	DVB-S2	3/4	9.664		
	C	Hope Channel Zambia	TV	DVB-S2	3/4	9.664		
	C	TBN Zambia	TV	DVB-S2	3/4	9.664		
3.859	L C	DBS TV	TV	DVB-S2	2/3	1.041		
3.889	R C	RFI	package	DVB-S2	1/2	30.000		
	C	Monte Carlo Doualiya	radio	DVB-S2	1/2	30.000		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	C	RFI Français	radio	DVB-S2	1/2	30.000		
	C	RFI Langues 1	radio	DVB-S2	1/2	30.000		
	C	RFI Langues 2	radio	DVB-S2	1/2	30.000		
	C	RFI Musique	radio	DVB-S2	1/2	30.000		
	C	RFI Diverse 1	radio	DVB-S2	1/2	30.000		
	C	RFI Diverse 2	radio	DVB-S2	1/2	30.000		
	C	RFI Diverse 3	radio	DVB-S2	1/2	30.000		
3.925	R C	Fox Sports Africa	TV	DVB-S2	2/3	30.000	Irdeto	English,French
4.025	R C	Asonga TV	TV	DVB-S2	3/4	1.457		
4.135	R C	StarTimes TV Uganda	package	DVB-S2	3/4	30.000		
	C	Trace Africa	TV	DVB-S2	3/4	30.000		
	C	Kombat Sport	TV	DVB-S2	3/4	30.000		
	C	Biggs	TV	DVB-S2	3/4	30.000	Conax	
	C	National Geographic South Africa	TV	DVB-S2	3/4	30.000	Conax	
	C	Fox Portugal	TV	DVB-S2	3/4	30.000	Conax	
	C	CGTN Documentary	TV	DVB-S2	3/4	30.000		
	C	Africa 24	TV	DVB-S2	3/4	30.000		
	C	African Movie Channel	TV	DVB-S2	3/4	30.000		
	C	Dove TV	TV	DVB-S2	3/4	30.000		
	C	BEN	TV	DVB-S2	3/4	30.000		
	C	CGTN	TV	DVB-S2	3/4	30.000		
	C	SFR Sport 3	TV	DVB-S2	3/4	30.000		
	C	Ma Chaîne Sport	TV	DVB-S2	3/4	30.000		
	C	Nat Geo Wild Europe	TV	DVB-S2	3/4	30.000		
	C	ST Sino Drama	TV	DVB-S2	3/4	30.000		
	C	Viasat Life	TV	DVB-S2	3/4	30.000		
	C	Viasat Nature Africa	TV	DVB-S2	3/4	30.000		
	C	CNC World English	TV	DVB-S2	3/4	30.000		
	C	Trace Africa	TV	DVB-S2	3/4	30.000		
	C	Trace Mziki	TV	DVB-S2	3/4	30.000		
	C	ST Naija	TV	DVB-S2	3/4	30.000		
	C	ST Novela E Plus	TV	DVB-S2	3/4	30.000		
4.153	L C	Easy TV	package	DVB-S2	3/4	60.000	Nagravision	
	C	Cine + Star	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Planète +	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Piwi +	TV	DVB-S2	3/4	60.000	Nagravision	
	C	TéléToon Africa	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Bblack! Africa	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Trace Africa	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Voxafrica Afrique	TV	DVB-S2	3/4	60.000	Nagravision	
	C	KTO	TV	DVB-S2	3/4	60.000	Nagravision	
	C	BET France	TV	DVB-S2	3/4	60.000	Nagravision	
	C	LM TV Français	TV	DVB-S2	3/4	60.000	Nagravision	
	C	MTV Hits France	TV	DVB-S2	3/4	60.000	Nagravision	
	C	InfoSport +	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Gospel Music TV	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Easy TV promo	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Nollywood TV	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Disney Channel France	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Easy TV	package	DVB-S2	3/4	60.000	Nagravision	
	C	Voyage	TV	DVB-S2	3/4	60.000	Nagravision	
	C	A+ Sport	TV	DVB-S2	3/4	60.000	Nagravision	
	C	C8	TV	DVB-S2	3/4	60.000	Nagravision	
	C	TV 5 Monde Afrique	TV	DVB-S2	3/4	60.000	Nagravision	
	C	France 24 Français	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Zee Magic	TV	DVB-S2	3/4	60.000	Nagravision	
	C	MTV Base Africa	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Novelas TV	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Africanews	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Penthouse Black	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Easy TV	package	DVB-S2	3/4	60.000	Nagravision	
	C	A+	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Easy TV	package	DVB-S2	3/4	60.000	Nagravision	
	C	DRTV	TV	DVB-S2	3/4	60.000	Nagravision	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	C	Tele Congo	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Top TV	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Studio Sango Malamu	TV	DVB-S2	3/4	60.000	Nagravision	
	C	MRC TV	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Vox TV	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Easy TV	package	DVB-S2	3/4	60.000	Nagravision	
	C	RTNC	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Antenne A	TV	DVB-S2	3/4	60.000	Nagravision	
	C	B-One TV	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Trace Mziki	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Wantashi TV	TV	DVB-S2	3/4	60.000	Nagravision	
	C	RTDV	TV	DVB-S2	3/4	60.000	Nagravision	
	C	La Voix de l'Aigle	TV	DVB-S2	3/4	60.000	Nagravision	
	C	Studio Sango Malamu	TV	DVB-S2	3/4	60.000	Nagravision	
4.171	R C	StarTimes TV Uganda	package	DVB-S2	3/4	30.000	Conax	
	C	Discovery Science	TV	DVB-S2	3/4	30.000	Conax	
	C	ST Sports Premium	TV	DVB-S2	3/4	30.000	Conax	
	C	ST Bollywood	TV	DVB-S2	3/4	30.000	Conax	Hindustani,Lug,Yor
	C	ST Sports Arena	TV	DVB-S2	3/4	30.000	Conax	
	C	ST Plus	TV	DVB-S2	3/4	30.000	Conax	
	C	Star Gold UK	TV	DVB-S2	3/4	30.000	Conax	
	C	Animaux	TV	DVB-S2	3/4	30.000	Conax	
	C	MTV Base Africa	TV	DVB-S2	3/4	30.000	Conax	
	C	ST Kungfu Plus	TV	DVB-S2	3/4	30.000	Conax	
	C	Fox News Channel	TV	DVB-S2	3/4	30.000	Conax	
	C	Fox Africa	TV	DVB-S2	3/4	30.000	Conax	
	C	ST World Football	TV	DVB-S2	3/4	30.000	Conax	
	C	ST Sports Life	TV	DVB-S2	3/4	30.000	Conax	
	C	E! Africa	TV	DVB-S2	3/4	30.000	Conax	
	C	AMC Africa	TV	DVB-S2	3/4	30.000	Conax	
	C	Nickelodeon Africa	TV	DVB-S2	3/4	30.000	Conax	
	C	Iroko 2	TV	DVB-S2	3/4	30.000	Conax	
	C	Fox Sports Africa	TV	DVB-S2	3/4	30.000	Conax	
	C	ST Swahili	TV	DVB-S2	3/4	30.000	Conax	
	C	ST Zone	TV	DVB-S2	3/4	30.000	Conax	
	C	ST Novela E1	TV	DVB-S2	3/4	30.000	Conax	
	C	ST Movies	TV	DVB-S2	3/4	30.000	Conax	
	C	ST Sports Focus	TV	DVB-S2	3/4	30.000	Conax	
	C	Fine Living	TV	DVB-S2	3/4	30.000	Conax	
	C	ST Music	TV	DVB-S2	3/4	30.000	Conax	
	C	Fox Life Africa	TV	DVB-S2	3/4	30.000	Conax	
	C	JimJam Middle East	TV	DVB-S2	3/4	30.000	Conax	
	C	Fox Sports 2 Africa	TV	DVB-S2	3/4	30.000	Conax	
	C	ST Bollywood Africa	TV	DVB-S2	3/4	30.000	Conax	Hindustani,Lug,Yor
	C	African Movie Channel Series	TV	DVB-S2	3/4	30.000	Conax	
	C	ST Series E1	TV	DVB-S2	3/4	30.000	Conax	
	C	Pop Africa	TV	DVB-S2	3/4	30.000	Conax	
	C	Bloomberg TV Africa	TV	DVB-S2	3/4	30.000	Conax	
	C	Aljazeera English	TV	DVB-S2	3/4	30.000	Conax	
	C	Smile TV	TV	DVB-S2	3/4	30.000	Conax	
	C	Zee Cinema Africa	TV	DVB-S2	3/4	30.000	Conax	Hindustani
	C	StarTimes TV Guide	TV	DVB-S2	3/4	30.000	Conax	
	C	National Geographic South Africa	TV	DVB-S2	3/4	30.000	Conax	
	C	Baby TV Europe	TV	DVB-S2	3/4	30.000	Conax	
	C	Iroko 1	TV	DVB-S2	3/4	30.000	Conax	
	C	Investigation Discovery Xtra	TV	DVB-S2	3/4	30.000	Conax	
	C	ST Kungfu	TV	DVB-S2	3/4	30.000	Conax	
	C	ST Dadin Kowa	TV	DVB-S2	3/4	30.000	Conax	Hau
10.971	V MENA	Aljazeera	package	DVB-S	3/4	27.500		
	MENA	My TV	package	DVB-S	5/6	27.500		
	MENA	Aljazeera Channel	TV	DVB-S	3/4	27.500		
	MENA	Libya News Channel	TV	DVB-S	5/6	27.500		
	MENA	Aden Sky	TV	DVB-S	5/6	27.500		
	MENA	Aljazeera Mubasher	TV	DVB-S	3/4	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Alaraby TV	TV	DVB-S	5/6	27.500		
	MENA	Aljazeera English	TV	DVB-S	3/4	27.500		
	MENA	Aljazeera Documentary	TV	DVB-S	3/4	27.500		
	MENA	Alremas TV	TV	DVB-S	5/6	27.500		
	MENA	Alebaa TV	TV	DVB-S	5/6	27.500		
	MENA	Qatar TV	TV	DVB-S	3/4	27.500		
	MENA	Al Aqila TV	TV	DVB-S	5/6	27.500		
	MENA	Al Rayyan Satellite Channel	TV	DVB-S	3/4	27.500		
	MENA	Aljazeera Mubasher Misr	TV	DVB-S	3/4	27.500		
	MENA	Hala TV	TV	DVB-S	5/6	27.500		
	MENA	Damaa TV	TV	DVB-S	5/6	27.500		
	MENA	TRT World	TV	DVB-S	5/6	27.500		
	MENA	Al Walaa TV	TV	DVB-S	5/6	27.500		
	MENA	Manhaj	TV	DVB-S	5/6	27.500		
	MENA	Al-Faith TV	TV	DVB-S	5/6	27.500		
11.013	H MENA	Noorsat	package	DVB-S	5/6	27.500		
	MENA	Sharjah Media Corporation	package	DVB-S	5/6	27.500		
	MENA	Almasirah TV	TV	DVB-S	5/6	27.500		
	MENA	Sharjah TV	TV	DVB-S	5/6	27.500		
	MENA	DTV Algérie	TV	DVB-S	5/6	27.500		Arabic
	MENA	Heim Alshabab TV	TV	DVB-S	5/6	27.500		
	MENA	Sharjah TV	TV	DVB-S	5/6	27.500		
	MENA	Sharqiya TV	TV	DVB-S	5/6	27.500		
	MENA	Shatharat Watanea TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Sharqiya TV	TV	DVB-S	5/6	27.500		
	MENA	Al Wousta TV	TV	DVB-S	5/6	27.500		
	MENA	Palestinian TV	TV	DVB-S	5/6	27.500		
	MENA	Hebron Sat	TV	DVB-S	5/6	27.500		
	MENA	Sharjah Sports	TV	DVB-S	5/6	27.500		
	MENA	Alwilayah TV Hausa	TV	DVB-S	5/6	27.500		Hau
	MENA	Sharjah Sports	TV	DVB-S	5/6	27.500		
	MENA	Mekameleen TV	TV	DVB-S	5/6	27.500		
	MENA	Sharjah Radio	radio	DVB-S	5/6	27.500		
	MENA	Al-Sahat TV	TV	DVB-S	5/6	27.500		
	MENA	Sharjah Quran	radio	DVB-S	5/6	27.500		
	MENA	Nabaa TV	TV	DVB-S	5/6	27.500		
	MENA	Al Mayadeen TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Watan TV	TV	DVB-S	5/6	27.500		
11.054	V MENA	Kuwait TV	package	DVB-S2	2/3	27.500		
	MENA	KTV 1	TV	DVB-S2	2/3	27.500		
	MENA	KTV 2	TV	DVB-S2	2/3	27.500		
	MENA	KTV Sport	TV	DVB-S2	2/3	27.500		
	MENA	KTV Arabe	TV	DVB-S2	2/3	27.500		
	MENA	KTV Sport Plus	TV	DVB-S2	2/3	27.500		
	MENA	KTV Ethraa	TV	DVB-S2	2/3	27.500		
	MENA	KTV Arabe	TV	DVB-S2	2/3	27.500		
	MENA	Al-Majlis TV	TV	DVB-S2	2/3	27.500		
	MENA	Al-Qurain TV	TV	DVB-S2	2/3	27.500		
	MENA	Radio Kuwait Main Program	radio	DVB-S2	2/3	27.500		
	MENA	Radio Kuwait Program 2	radio	DVB-S2	2/3	27.500		
	MENA	Radio Kuwait Quran	radio	DVB-S2	2/3	27.500		
	MENA	Easy 92.5	radio	DVB-S2	2/3	27.500		
	MENA	Kuwait FM	radio	DVB-S2	2/3	27.500		
	MENA	Super Station	radio	DVB-S2	2/3	27.500		
	MENA	Old Arabic Music	radio	DVB-S2	2/3	27.500		
	MENA	Shaabya	radio	DVB-S2	2/3	27.500		
	MENA	Hona Kuwait	radio	DVB-S2	2/3	27.500		
	MENA	Radio Kuwait Main Program	radio	DVB-S2	2/3	27.500		
11.096	H MENA	Viewsat	package	DVB-S	5/6	27.500		
	MENA	Al Karama TV	TV	DVB-S	5/6	27.500		
	MENA	Alkarma TV Middle East 1	TV	DVB-S	5/6	27.500		
	MENA	Lamsat	TV	DVB-S	5/6	27.500		
	MENA	Falaksat	TV	DVB-S	5/6	27.500		
	MENA	Holy Spirit TV	TV	DVB-S	5/6	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Charity TV	TV	DVB-S	5/6	27.500		
	MENA	Christ Mission TV	TV	DVB-S	5/6	27.500		Amharic
	MENA	Al-Fady TV	TV	DVB-S	5/6	27.500		
	MENA	Al Horreya TV	TV	DVB-S	5/6	27.500		
	MENA	Alanwar TV 2	TV	DVB-S	5/6	27.500		
	MENA	Misr ElBald	TV	DVB-S	5/6	27.500		
	MENA	Kale Awadi TV	TV	DVB-S	5/6	27.500		
	MENA	Logos TV	TV	DVB-S	5/6	27.500		
	MENA	Imam Alabbas	TV	DVB-S	5/6	27.500		
	MENA	Black Banners	TV	DVB-S	5/6	27.500		
	MENA	Elshaddai TV Network	TV	DVB-S	5/6	27.500		
	MENA	Alkeraza TV	TV	DVB-S	5/6	27.500		
	MENA	Al-Shaer TV	TV	DVB-S	5/6	27.500		
	MENA	Al Ons TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	The Savior	TV	DVB-S	5/6	27.500		
	MENA	Christ Life TV	TV	DVB-S	5/6	27.500		
	MENA	Iraq Future TV	TV	DVB-S	5/6	27.500		
	MENA	Presence TV Channel	TV	DVB-S	5/6	27.500		
	MENA	GMM TV	TV	DVB-S	5/6	27.500		
	MENA	Nour Al Sharq	TV	DVB-S	5/6	27.500		
	MENA	Nour Al Koddass	TV	DVB-S	5/6	27.500		
	MENA	Nour Mariam	TV	DVB-S	5/6	27.500		
11.137	H MENA	unknown	package	DVB-S2	3/4	27.500		
	MENA	Nilat TV	TV	DVB-S2	3/4	27.500		
	MENA	Libya Al-Ahrar TV	TV	DVB-S2	3/4	27.500		
	MENA	Libya's Channel	TV	DVB-S2	3/4	27.500		
	MENA	Pelistank TV	TV	DVB-S2	3/4	27.500		
	MENA	Libya Future TV	TV	DVB-S2	3/4	27.500		
	MENA	Fashion Television Middle East	TV	DVB-S2	3/4	27.500		
	MENA	Imam Reda TV	TV	DVB-S2	3/4	27.500		
	MENA	Yas TV	TV	DVB-S2	3/4	27.500		
	MENA	Majid	TV	DVB-S2	3/4	27.500		
	MENA	Al Fallujah TV	TV	DVB-S2	3/4	27.500		
	MENA	Marina FM TV	TV	DVB-S2	3/4	27.500		
	MENA	Fujairah TV	TV	DVB-S2	3/4	27.500		
	MENA	Quran TV	TV	DVB-S2	3/4	27.500		
11.179	H MENA	Noorsat Misr	package	DVB-S	5/6	27.500		
	MENA	Marjaeyat TV Nilesat	TV	DVB-S	5/6	27.500		
	MENA	Zanoubia TV	TV	DVB-S	5/6	27.500		
	MENA	Dr Zrzz	TV	DVB-S	5/6	27.500		
	MENA	4G Film	TV	DVB-S	5/6	27.500		
	MENA	4G Cima	TV	DVB-S	5/6	27.500		
	MENA	Alostora	TV	DVB-S	5/6	27.500		
	MENA	Hareem Al Sultan	TV	DVB-S	5/6	27.500		
	MENA	Cinema Tube	TV	DVB-S	5/6	27.500		
	MENA	Sama TV	TV	DVB-S	5/6	27.500		
	MENA	Hekaya	TV	DVB-S	5/6	27.500		
	MENA	Mosalsalat Tube	TV	DVB-S	5/6	27.500		
	MENA	4G Drama	TV	DVB-S	5/6	27.500		
	MENA	Gold TV	TV	DVB-S	5/6	27.500		
	MENA	Dolly Mosalsalat	TV	DVB-S	5/6	27.500		
	MENA	4G Aflam	TV	DVB-S	5/6	27.500		
	MENA	Tatt7 TV	TV	DVB-S	5/6	27.500		
	MENA	Syrian Satellite Channel	TV	DVB-S	5/6	27.500		
	MENA	Syria Drama	TV	DVB-S	5/6	27.500		
	MENA	Sahar TV	TV	DVB-S	5/6	27.500		
	MENA	Cima Tube	TV	DVB-S	5/6	27.500		
	MENA	Quran TV	TV	DVB-S	5/6	27.500		
	MENA	Publitoools TV	TV	DVB-S	5/6	27.500		
	MENA	Music Alarab	TV	DVB-S	5/6	27.500		
	MENA	4G Classic	TV	DVB-S	5/6	27.500		
	MENA	Nour El-Sham	TV	DVB-S	5/6	27.500		
	MENA	Souryana TV	TV	DVB-S	5/6	27.500		
	MENA	Qamishlo TV	TV	DVB-S	5/6	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Aldawaa Alshafy	TV	DVB-S	5/6	27.500		
	MENA	Aljamahiriya TV	TV	DVB-S	5/6	27.500		
	MENA	Radio Damascus	radio	DVB-S	5/6	27.500		
	MENA	Radio Sout Al-Sha'ab	radio	DVB-S	5/6	27.500		
	MENA	Radio Sout Al-Shbab	radio	DVB-S	5/6	27.500		
	MENA	Radio Amwaj	radio	DVB-S	5/6	27.500		
	MENA	Radio Syriana	radio	DVB-S	5/6	27.500		
11.471	V East	MBC	package	DVB-S	5/6	27.500		
	East	Al Hadath	TV	DVB-S	5/6	27.500		
	East	Al Arabiya	TV	DVB-S	5/6	27.500		
	East	MBC	TV	DVB-S	5/6	27.500		
	East	MBC 4	TV	DVB-S	5/6	27.500		
	East	MBC Drama	TV	DVB-S	5/6	27.500		
	East	MBC Bollywood	TV	DVB-S	5/6	27.500		
	East	MBC 2	TV	DVB-S	5/6	27.500		
	East	MBC Action	TV	DVB-S	5/6	27.500		
	East	MBC Max	TV	DVB-S	5/6	27.500		
	East	MBC 3	TV	DVB-S	5/6	27.500		
	East	Wanasah	TV	DVB-S	5/6	27.500		
	East	MBC FM	radio	DVB-S	5/6	27.500		
	East	Panorama FM	radio	DVB-S	5/6	27.500		
	East	Al Arabiya 99	radio	DVB-S	5/6	27.500		
11.512	V East	EthioSat	package	DVB-S2	2/3	30.000		
	East	EBC	TV	DVB-S2	2/3	30.000		
	East	Addis TV Network	TV	DVB-S2	2/3	30.000		
	East	ESTV	TV	DVB-S2	2/3	30.000		
	East	OBN	TV	DVB-S2	2/3	30.000		
	East	Tigrai TV	TV	DVB-S2	2/3	30.000		
	East	Southern TV	TV	DVB-S2	2/3	30.000		
	East	Amhara TV	TV	DVB-S2	2/3	30.000		
	East	Walta TV	TV	DVB-S2	2/3	30.000		
	East	EthioSat promo	TV	DVB-S2	2/3	30.000		
11.554	V East	Gulfsat	package	DVB-S	3/4	27.500		
	East	Aden TV	TV	DVB-S	3/4	27.500		
	East	Sanaa Satellite Channel	TV	DVB-S	3/4	27.500		
	East	Roaa TV	TV	DVB-S	3/4	27.500		
	East	Alwatan Plus	TV	DVB-S	3/4	27.500		
	East	Alwatan TV	TV	DVB-S	3/4	27.500		
	East	Albawadi TV	TV	DVB-S	3/4	27.500		
	East	Rawasi TV	TV	DVB-S	3/4	27.500		
	East	Al-Sabah TV	TV	DVB-S	3/4	27.500		
	East	Al-Mahdi TV	TV	DVB-S	3/4	27.500		
	East	Algad TV	TV	DVB-S	3/4	27.500		
	East	Khartoum TV	TV	DVB-S	3/4	27.500		
	East	Al Kout Channel	TV	DVB-S	3/4	27.500		
	East	Al Fallujah TV	TV	DVB-S	3/4	27.500		
	East	Altarbaweya	TV	DVB-S	3/4	27.500		
	East	Alabrar TV	TV	DVB-S	3/4	27.500		
	East	Almareefa	TV	DVB-S	3/4	27.500		
	East	DMM TV	TV	DVB-S	3/4	27.500		
11.595	V East	Gulfsat	package	DVB-S	3/4	27.500		
	East	Aljazeera Channel	TV	DVB-S	3/4	27.500		
	East	Alquds Satellite Channel	TV	DVB-S	3/4	27.500		
	East	Halab Today TV	TV	DVB-S	3/4	27.500		
	East	Wesal TV	TV	DVB-S	3/4	27.500		
	East	Tayba TV	TV	DVB-S	3/4	27.500		
	East	Omdurman TV	TV	DVB-S	3/4	27.500		
	East	Wesal Haq	TV	DVB-S	3/4	27.500		
	East	Free Syria TV	TV	DVB-S	3/4	27.500		
	East	Suhail TV	TV	DVB-S	3/4	27.500		
	East	Deir Press Network	TV	DVB-S	3/4	27.500		
	East	Shada TV	TV	DVB-S	3/4	27.500		
	East	Rushd TV	TV	DVB-S	3/4	27.500		
	East	Jamawar Kurdistan	TV	DVB-S	3/4	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	East	EBS	TV	DVB-S	3/4	27.500		
	East	Kassala TV	TV	DVB-S	3/4	27.500		
	East	Ahwazona TV	TV	DVB-S	3/4	27.500		
	East	Berekah Broadcasting Network	radio	DVB-S	3/4	27.500		
	East	Tayba FM	radio	DVB-S	3/4	27.500		
	East	Fujairah 95.1 FM	radio	DVB-S	3/4	27.500		
	East	Zayed Radio	radio	DVB-S	3/4	27.500		
	East	Jamawar News Radio	radio	DVB-S	3/4	27.500		
11.637	V East	STN	package	DVB-S	3/4	27.500		
	East	Alaraby TV	TV	DVB-S	3/4	27.500		
	East	Alaraby TV	TV	DVB-S	3/4	27.500		
	East	Toheed TV	TV	DVB-S	3/4	27.500		
	East	Koogi TV	TV	DVB-S	3/4	27.500		
	East	GEM Arabia	TV	DVB-S	3/4	27.500		
	East	Med Muzik	TV	DVB-S	3/4	27.500		
	East	Stêrk	TV	DVB-S	3/4	27.500		
	East	ANB	TV	DVB-S	3/4	27.500		
	East	ABN Europe & Middle East	TV	DVB-S	3/4	27.500		
	East	Mekameleen TV 2	TV	DVB-S	3/4	27.500		
	East	Winners Way TV	TV	DVB-S	3/4	27.500		
	East	LuaLua TV	TV	DVB-S	3/4	27.500		
	East	Cairo One TV	TV	DVB-S	3/4	27.500		
	East	Sign and Miracle TV	TV	DVB-S	3/4	27.500		
	East	D Movies	TV	DVB-S	3/4	27.500		
	East	KurdLine	TV	DVB-S	3/4	27.500		
	East	Rangarang Radio	radio	DVB-S	3/4	27.500		
	East	Ur FM	radio	DVB-S	3/4	27.500		
11.678	V East	Alrai Radio	radio	DVB-S	3/4	27.500		
	V East	Gulfsat	package	DVB-S	3/4	27.500		
	East	Jammoly TV	TV	DVB-S	3/4	27.500		
	East	Bahrain TV	TV	DVB-S	3/4	27.500		
	East	Bahrain International	TV	DVB-S	3/4	27.500		
	East	KTV 1	TV	DVB-S	3/4	27.500		
	East	KTV 2	TV	DVB-S	3/4	27.500		
	East	KTV Sport	TV	DVB-S	3/4	27.500		
	East	MBC Maser	TV	DVB-S	3/4	27.500		
	East	MBC Maser 2	TV	DVB-S	3/4	27.500		
	East	Yarmouk TV	TV	DVB-S	3/4	27.500		
	East	Al Istijaba TV	TV	DVB-S	3/4	27.500		
	East	Red Sea TV	TV	DVB-S	3/4	27.500		
	East	Sudan Music	TV	DVB-S	3/4	27.500		
	East	Goan TV	TV	DVB-S	3/4	27.500		
	East	Radio Erena	radio	DVB-S	3/4	27.500		
	East	Eritrean Forum	radio	DVB-S	3/4	27.500		
12.521	H MENA	Aljazeera	package	DVB-S2	2/3	27.500		
	East	unknown	package	DVB-S	5/6	27.500		
	MENA	Aljazeera Channel	TV	DVB-S2	2/3	27.500		
	East	NRT 2	TV	DVB-S	5/6	27.500		
	MENA	Aljazeera English	TV	DVB-S2	2/3	27.500		
	East	NRT	TV	DVB-S	5/6	27.500		
	MENA	Aljazeera Documentary	TV	DVB-S2	2/3	27.500		
	East	Rêga	TV	DVB-S	5/6	27.500		
	MENA	Al Rayyan Satellite Channel	TV	DVB-S2	2/3	27.500		
	East	Amozhgary TV	TV	DVB-S	5/6	27.500		
	East	Bangwaz	TV	DVB-S	5/6	27.500		
	East	Ishtar TV	TV	DVB-S	5/6	27.500		
	East	Almawqef TV	TV	DVB-S	5/6	27.500		
	East	NRT Arabic	TV	DVB-S	5/6	27.500		
	East	Payam TV	TV	DVB-S	5/6	27.500		
	East	NRT Arabic	TV	DVB-S	5/6	27.500		
	East	Korek TV	TV	DVB-S	5/6	27.500		
	East	Dwarozh	radio	DVB-S	5/6	27.500		
	East	Radio Dijla	radio	DVB-S	5/6	27.500		
12.563	V East	Noorsat	package	DVB-S	5/6	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	East	Silk Road TV	TV	DVB-S	5/6	27.500		
	MENA	Tayba TV	TV	DVB-S2	2/3	27.500		
	East	China Arab TV	TV	DVB-S	5/6	27.500		
	East	MDC	TV	DVB-S	5/6	27.500		
	MENA	Al Anis TV	TV	DVB-S2	2/3	27.500		
	East	Alalam News Channel	TV	DVB-S	5/6	27.500		
	East	Aham Al Anbaa TV	TV	DVB-S	5/6	27.500		
	MENA	Libya Kids	TV	DVB-S2	2/3	27.500		Arabic
	East	Addounia TV	TV	DVB-S	5/6	27.500		
	MENA	Libya Alquran	TV	DVB-S2	2/3	27.500		
	East	Time Turki	TV	DVB-S	5/6	27.500		
	East	Kidzinia Cartoon	TV	DVB-S	5/6	27.500		
	MENA	Tayba Ashbal TV	TV	DVB-S2	2/3	27.500		
	East	Cairo Cinema 2	TV	DVB-S	5/6	27.500		
	East	LDC	TV	DVB-S	5/6	27.500		
	MENA	Tayba FM	radio	DVB-S2	2/3	27.500		
	East	Arta FM	radio	DVB-S	5/6	27.500		
	East	Radio Alkul	radio	DVB-S	5/6	27.500		
	East	Radio Hara FM	radio	DVB-S	5/6	27.500		
	East	Sout Raya	radio	DVB-S	5/6	27.500		
	East	ANA Radio	radio	DVB-S	5/6	27.500		
12.604	H MENA	MX1	package	DVB-S	5/6	27.500		
	East	Noorsat	package	DVB-S	5/6	27.500		
	East	Iraq Today TV Channel	TV	DVB-S	5/6	27.500		
	MENA	Rûdaw	TV	DVB-S	5/6	27.500		
	MENA	Dawsha	TV	DVB-S	5/6	27.500		
	East	Kurdsat	TV	DVB-S	5/6	27.500		
	MENA	SBN Global	TV	DVB-S	5/6	27.500		
	East	Türkmeneli TV	TV	DVB-S	5/6	27.500		Tuk
	East	Channel 4 Teen	TV	DVB-S	5/6	27.500		
	MENA	The Word Network	TV	DVB-S	5/6	27.500		
	MENA	Cima Wast Elbalad	TV	DVB-S	5/6	27.500		
	East	Imam Hassan TV	TV	DVB-S	5/6	27.500		
	East	Alahad TV 2	TV	DVB-S	5/6	27.500		
	MENA	D Movies	TV	DVB-S	5/6	27.500		
	East	Imam Hussein TV 2	TV	DVB-S	5/6	27.500		
	MENA	Spider Action TV	TV	DVB-S	5/6	27.500		
	East	Alfarqadayn	TV	DVB-S	5/6	27.500		
	MENA	Zoom Kids	TV	DVB-S	5/6	27.500		
	MENA	Shifa El Rahman TV	TV	DVB-S	5/6	27.500		
	MENA	Zoom Cinema	TV	DVB-S	5/6	27.500		
	MENA	D Cinema	TV	DVB-S	5/6	27.500		
	MENA	Play Drama	TV	DVB-S	5/6	27.500		
	MENA	Alyaoum Aflam	TV	DVB-S	5/6	27.500		
	MENA	Babel TV	TV	DVB-S	5/6	27.500		
	MENA	Alyaoum Cinema	TV	DVB-S	5/6	27.500		
	MENA	Sada Elhayat	TV	DVB-S	5/6	27.500		
	MENA	Christ TV	TV	DVB-S	5/6	27.500		
	MENA	KurdMax	TV	DVB-S	5/6	27.500		
	MENA	MIT	TV	DVB-S	5/6	27.500		Arabic
	MENA	KurdMax Show	TV	DVB-S	5/6	27.500		
	MENA	Libya 24	TV	DVB-S	5/6	27.500		
	MENA	Al Hiwar TV	TV	DVB-S	5/6	27.500		
	MENA	Dodo Kids TV	TV	DVB-S	5/6	27.500		
	MENA	Alzaeem	TV	DVB-S	5/6	27.500		
	MENA	Elsharq	TV	DVB-S	5/6	27.500		
	MENA	Vin TV	TV	DVB-S	5/6	27.500		
	MENA	Libya Today	TV	DVB-S	5/6	27.500		
	MENA	Alhusseinia Quran	radio	DVB-S	5/6	27.500		
	MENA	Al Husaniya Radio	radio	DVB-S	5/6	27.500		
	MENA	Amaniload TV	TV	DVB-S	5/6	27.500		Amharic
	MENA	Rûdaw Radio	radio	DVB-S	5/6	27.500		
12.646	V East	Gulfsat	package	DVB-S	5/6	27.500		
	MENA	Palsat	package	DVB-S	5/6	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	East	Badinan Sat	TV	DVB-S	5/6	27.500		
	MENA	Musawa	TV	DVB-S	5/6	27.500		
	East	Huna Salahden	TV	DVB-S	5/6	27.500		
	MENA	Ma'an TV	TV	DVB-S	5/6	27.500		
	East	Korek TV	TV	DVB-S	5/6	27.500		
	MENA	Palestine Mobasher	TV	DVB-S	5/6	27.500		
	East	GK Channel	TV	DVB-S	5/6	27.500		
	MENA	Palestinian Satellite Channel	TV	DVB-S	5/6	27.500		
	MENA	Al Falstiniyah TV	TV	DVB-S	5/6	27.500		
	East	Kanal 4	TV	DVB-S	5/6	27.500		
	MENA	Awdeh	TV	DVB-S	5/6	27.500		
	East	Kirkuk TV	TV	DVB-S	5/6	27.500		
	MENA	Al-Quds Open University	TV	DVB-S	5/6	27.500		
	East	Net TV	TV	DVB-S	5/6	27.500		
	MENA	Najah Broadcasting Channel	TV	DVB-S	5/6	27.500		
	East	Net Drama	TV	DVB-S	5/6	27.500		
	MENA	Palestine Sport	TV	DVB-S	5/6	27.500		
	East	Xendan Radio	radio	DVB-S	5/6	27.500		Kurdish
	East	Dwarozh	radio	DVB-S	5/6	27.500		
	MENA	Voice of Palestine	radio	DVB-S	5/6	27.500		
	MENA	Najah FM	radio	DVB-S	5/6	27.500		
	MENA	Quran Radio	radio	DVB-S	5/6	27.500		
12.655	V Europe	Mediaset	package	DVB-S2	5/6	5.000	BISS	
12.687	H MENA	IKO MG	package	DVB-S	5/6	27.500		
	East	Suntsat	package	DVB-S	5/6	27.501		
	MENA	Alhawza Alilmiyya TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Kurdsat	TV	DVB-S	5/6	27.500		
	East	Sudan Sport	TV	DVB-S	5/6	27.501		
	East	Africa TV 1	TV	DVB-S	5/6	27.501		
	MENA	Kurdsat News	TV	DVB-S	5/6	27.500		
	East	Africa TV 4	TV	DVB-S	5/6	27.501		
	MENA	Kurdsat	TV	DVB-S	5/6	27.500		
	East	Dorar TV	TV	DVB-S	5/6	27.501		
	MENA	Kurdsat News	TV	DVB-S	5/6	27.500		
	East	Almanal TV	TV	DVB-S	5/6	27.501		
	MENA	Rojava TV	TV	DVB-S	5/6	27.500		
	MENA	GK Channel	TV	DVB-S	5/6	27.500		
	East	Sudan Drama	TV	DVB-S	5/6	27.501		
	East	Sudania 24 TV	TV	DVB-S	5/6	27.501		
	MENA	Yemen Education	TV	DVB-S	5/6	27.500		
	East	Ashorooq TV	TV	DVB-S	5/6	27.501		
	MENA	Suroyo TV	TV	DVB-S	5/6	27.500		Syr
	MENA	Alyaum Channel	TV	DVB-S	5/6	27.500		
	East	Sudan Music	TV	DVB-S	5/6	27.501		
	East	Al Istijaba TV	TV	DVB-S	5/6	27.501		
	MENA	Yemen TV	TV	DVB-S	5/6	27.500		
	East	Al Alamiya TV	TV	DVB-S	5/6	27.501		
	MENA	Yemen Today TV	TV	DVB-S	5/6	27.500		
	East	Al-Faraena TV	TV	DVB-S	5/6	27.501		
	MENA	Sheba TV	TV	DVB-S	5/6	27.500		
	MENA	Aden TV	TV	DVB-S	5/6	27.500		
	East	Almanal Radio	radio	DVB-S	5/6	27.501		
	MENA	Al-Eman	TV	DVB-S	5/6	27.500		
	MENA	Helhelok TV	TV	DVB-S	5/6	27.500		
	MENA	I24 News Arabic	TV	DVB-S	5/6	27.500		
	MENA	Minbij TV	TV	DVB-S	5/6	27.500		
	MENA	Al Nabaa Channel	TV	DVB-S	5/6	27.500		
	MENA	Alahvaz TV	TV	DVB-S	5/6	27.500		
	MENA	Radio Kurdistan	radio	DVB-S	5/6	27.500		
	MENA	Radio Sana'a	radio	DVB-S	5/6	27.500		
	MENA	Furat FM	radio	DVB-S	5/6	27.500		
12.729	V East	Nilesat	package	DVB-S	5/6	27.500		
	East	KurdMax	TV	DVB-S	5/6	27.500		
	East	KurdMax Pepile	TV	DVB-S	5/6	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	East	Waar Sport	TV	DVB-S	5/6	27.500		
	East	Waar TV	TV	DVB-S	5/6	27.500		
	East	Syria Radio Network	radio	DVB-S	5/6	27.500		

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10.719	V MENA	Qatar TV	package	DVB-S2	3/4	22.000		
	MENA	Qatar TV	TV	DVB-S2	3/4	22.000		
	MENA	Qatar TV	TV	DVB-S2	3/4	22.000		
	MENA	Qatar TV	TV	DVB-S2	3/4	22.000		
	MENA	Qatar TV	TV	DVB-S2	3/4	22.000		
	MENA	Qatar TV	TV	DVB-S2	3/4	22.000		
	MENA	Qatar Radio	radio	DVB-S2	3/4	22.000		
	MENA	Holy Quran Radio	radio	DVB-S2	3/4	22.000		
	MENA	Radio Oryx	radio	DVB-S2	3/4	22.000		
	MENA	Radio QBS	radio	DVB-S2	3/4	22.000		
	MENA	Urdu Radio	radio	DVB-S2	3/4	22.000		
	MENA	Sout al Khaleej 2	radio	DVB-S2	3/4	22.000		
	MENA	Sout al Khaleej 3	radio	DVB-S2	3/4	22.000		
	MENA	Sout al Khaleej 4	radio	DVB-S2	3/4	22.000		
	MENA	Sout al Khaleej Europe	radio	DVB-S2	3/4	22.000		
10.727	H MENA	Gulfsat	package	DVB-S	5/6	27.500		
	MENA	Alaraby TV	TV	DVB-S	5/6	27.500		
	MENA	Masr Alhaya	TV	DVB-S	5/6	27.500		
	MENA	Al Falak	TV	DVB-S	5/6	27.500		
	MENA	Amir Alshea	TV	DVB-S	5/6	27.500		
	MENA	Al Arrab TV	TV	DVB-S	5/6	27.500		
	MENA	Jannah TV	TV	DVB-S	5/6	27.500		
	MENA	Al Masa	TV	DVB-S	5/6	27.500		
	MENA	IMC	TV	DVB-S	5/6	27.500		
	MENA	Al Shahed TV	TV	DVB-S	5/6	27.500		
	MENA	Alfath TV	TV	DVB-S	5/6	27.500		
	MENA	Daawah TV	TV	DVB-S	5/6	27.500		
	MENA	Mo'aa TV	TV	DVB-S	5/6	27.500		
	MENA	Evangelical TV	TV	DVB-S	5/6	27.500		
	MENA	Alafasy	TV	DVB-S	5/6	27.500		
	MENA	Sat 7 Academy	TV	DVB-S	5/6	27.500		
	MENA	Al Malakoot Sat	TV	DVB-S	5/6	27.500		
	MENA	Télé Maroc	TV	DVB-S	5/6	27.500		
	MENA	Al Awhad TV	TV	DVB-S	5/6	27.500		
	MENA	Kurdistan TV	TV	DVB-S	5/6	27.500		
	MENA	Alkafeel Radio	radio	DVB-S	5/6	27.500		
10.758	V MENA	Nilesat	package	DVB-S	5/6	27.500		
	MENA	Bin Othaimen	TV	DVB-S	5/6	27.500		
	MENA	Al Soyoof TV	TV	DVB-S	5/6	27.500		
	MENA	Alamaken Drama	TV	DVB-S	5/6	27.500		
	MENA	Safa TV	TV	DVB-S	5/6	27.500		
	MENA	Al M3ali TV	TV	DVB-S	5/6	27.500		
	MENA	KurdMax	TV	DVB-S	5/6	27.500		
	MENA	Future International	TV	DVB-S	5/6	27.500		
10.777	H MENA	Nilesat	package	DVB-S	5/6	27.500		
	MENA	Cairo Drama	TV	DVB-S	5/6	27.500		
	MENA	Al Seha Wal Jamal TV	TV	DVB-S	5/6	27.500		
	MENA	LBC Sat	TV	DVB-S	5/6	27.500		
	MENA	Cairo Cinema	TV	DVB-S	5/6	27.500		
	MENA	Iraq Education Channel	TV	DVB-S	5/6	27.500		
	MENA	Watania 2	TV	DVB-S	5/6	27.500		
10.796	V MENA	Nilesat	package	DVB-S	5/6	27.500		
	MENA	A TV	TV	DVB-S	5/6	27.500		
	MENA	Watania 1	TV	DVB-S	5/6	27.500		
	MENA	Sudan TV	TV	DVB-S	5/6	27.500		
	MENA	Alamaken Satellite Channel	TV	DVB-S	5/6	27.500		
	MENA	Radio Zitouna FM	radio	DVB-S	5/6	27.500		
	MENA	Radio Tunis Chaîne Internationale	radio	DVB-S	5/6	27.500		
	MENA	Radio Nationale	radio	DVB-S	5/6	27.500		
	MENA	Radio Culturelle	radio	DVB-S	5/6	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang	
10.815	MENA	Umdurman Radio	radio	DVB-S	5/6	27.500			
	H MENA	Viewsat	package	DVB-S	5/6	27.500			
	MENA	Miracle Channel	TV	DVB-S	5/6	27.500			
	MENA	Chaîne Nord-Africaine	TV	DVB-S	5/6	27.500			
	MENA	Aghapy TV	TV	DVB-S	5/6	27.500			
	MENA	Dalooa	TV	DVB-S	5/6	27.500			
	MENA	Sahar Kurdi	TV	DVB-S	5/6	27.500			
	MENA	Al Basira	TV	DVB-S	5/6	27.500			
	MENA	BK TV	TV	DVB-S	5/6	27.500			
	MENA	Alasayel TV	TV	DVB-S	5/6	27.500			
	MENA	Nawaim TV	TV	DVB-S	5/6	27.500			
	MENA	Al Asrar TV	TV	DVB-S	5/6	27.500			
	MENA	Menhag Alnbowa	TV	DVB-S	5/6	27.500			
	MENA	Almagd TV	TV	DVB-S	5/6	27.500			
	MENA	Shoog	TV	DVB-S	5/6	27.500			
	MENA	Zain TV	TV	DVB-S	5/6	27.500			
	MENA	CTV	TV	DVB-S	5/6	27.500			
	MENA	Nour El Shabeh	TV	DVB-S	5/6	27.500			
	MENA	Arab Woman TV	TV	DVB-S	5/6	27.500			
	MENA	Bethel TV	TV	DVB-S	5/6	27.500			
	MENA	Christ Army TV	TV	DVB-S	5/6	27.500			
	MENA	Christ Jesus TV	TV	DVB-S	5/6	27.500			
	MENA	Marsil TV	TV	DVB-S	5/6	27.500			
MENA	NourSat	TV	DVB-S	5/6	27.500				
MENA	Jesus TV	TV	DVB-S	5/6	27.500				
MENA	MaEzer Semay Satellite TV	TV	DVB-S	5/6	27.500				
MENA	Radio MaEzer Semay	radio	DVB-S	5/6	27.500				
10.834	V MENA	Paramount Channel Arabia	TV	DVB-S2	3/4	30.000	Betacrypt		
10.853	H MENA	On TV	package	DVB-S	5/6	27.500			
	MENA	On Live	TV	DVB-S	5/6	27.500			
	MENA	On E	TV	DVB-S	5/6	27.500			
	MENA	On Sport	TV	DVB-S	5/6	27.500			
	MENA	On Live	TV	DVB-S	5/6	27.500			
	MENA	On E	TV	DVB-S	5/6	27.500			
	MENA	On Sport	TV	DVB-S	5/6	27.500			
	MENA	On Drama	TV	DVB-S	5/6	27.500			
10.873	V MENA	Noorsat	package	DVB-S	5/6	27.500			
	MENA	Al Rahma	TV	DVB-S	5/6	27.500			
	MENA	Libya Alhaya TV	TV	DVB-S	5/6	27.500			
	MENA	Family Drama	TV	DVB-S	5/6	27.500			
	MENA	Shanpoo Aflam	TV	DVB-S	5/6	27.500			
	MENA	TRT Kurdi	TV	DVB-S	5/6	27.500			
	MENA	Scare TV	TV	DVB-S	5/6	27.500			
	MENA	NART TV	TV	DVB-S	5/6	27.500			
	MENA	Zweina Baladna	TV	DVB-S	5/6	27.500			
	MENA	Alordon Alyoom	TV	DVB-S	5/6	27.500			
	MENA	Addis TV Network	TV	DVB-S	5/6	27.500			
	MENA	T Film	TV	DVB-S	5/6	27.500			
	MENA	Jam3tna TV	TV	DVB-S	5/6	27.500			
	MENA	Nour TV	TV	DVB-S	5/6	27.500			
	MENA	All TV	TV	DVB-S	5/6	27.500			
	MENA	Baby	TV	DVB-S	5/6	27.500		Arabic	
	MENA	Alsalam	TV	DVB-S	5/6	27.500			
	MENA	Libya's Channel	TV	DVB-S	5/6	27.500			
	MENA	Angel TV Arabia	TV	DVB-S	5/6	27.500			
	MENA	Al Sa3a Masra7	TV	DVB-S	5/6	27.500			
	MENA	Palestine Al Yawm	TV	DVB-S	5/6	27.500			
	MENA	Berbère TV	TV	DVB-S	5/6	27.500			
	MENA	Sharo5an Hindi	TV	DVB-S	5/6	27.500			
	MENA	Al Zarqa Alyawm	TV	DVB-S	5/6	27.500			
	MENA	Clacket Drama Zaman	TV	DVB-S	5/6	27.500		Arabic	
	MENA	Antinéa Radio	radio	DVB-S	5/6	27.500		Ber	
	MENA	Berbère Radio	radio	DVB-S	5/6	27.500		Ber	
	10.892	H MENA	Noorsat	package	DVB-S	5/6	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Melody TV	TV	DVB-S	5/6	27.500		
	MENA	Cinema Pro	TV	DVB-S	5/6	27.500		
	MENA	Alghadeer TV	TV	DVB-S	5/6	27.500		
	MENA	Tok Tok Cinema	TV	DVB-S	5/6	27.500		
	MENA	RT Arabic	TV	DVB-S	5/6	27.500		
	MENA	Cinema 1	TV	DVB-S	5/6	27.500		
	MENA	OTV	TV	DVB-S	5/6	27.500		
	MENA	Samarra TV	TV	DVB-S	5/6	27.500		
	MENA	Walta TV	TV	DVB-S	5/6	27.500		
	MENA	Alsharqiya News	TV	DVB-S	5/6	27.500		
	MENA	Alsharqiya News	TV	DVB-S	5/6	27.500		
	MENA	Rûdaw	TV	DVB-S	5/6	27.500		
	MENA	Al Ayam TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Rûdaw Radio	radio	DVB-S	5/6	27.500		
10.922	V MENA	unknown	package	DVB-S	5/6	27.500		
	MENA	Imam Reda TV	TV	DVB-S	5/6	27.500		
	MENA	SA Family	TV	DVB-S	5/6	27.500		
	MENA	Al Tanasuh TV	TV	DVB-S	5/6	27.500		
	MENA	Aqsa Satellite Channel	TV	DVB-S	5/6	27.500		
	MENA	CBC Benna	TV	DVB-S	5/6	27.500		
	MENA	Echorouk TV News	TV	DVB-S	5/6	27.500		
	MENA	Echorouk TV	TV	DVB-S	5/6	27.500		
	MENA	Beur TV	TV	DVB-S	5/6	27.500		
	MENA	Bahia TV	TV	DVB-S	5/6	27.500		
	MENA	El-Heddaf TV	TV	DVB-S	5/6	27.500		
	MENA	Numidia TV	TV	DVB-S	5/6	27.500		
	MENA	El Djazairia One	TV	DVB-S	5/6	27.500		
	MENA	Almustakillah TV	TV	DVB-S	5/6	27.500		
	MENA	El Bilad TV	TV	DVB-S	5/6	27.500		
	MENA	Chams TV	TV	DVB-S	5/6	27.500		
	MENA	El Fadjer TV	TV	DVB-S	5/6	27.500		
	MENA	Belad Alharamin	TV	DVB-S	5/6	27.500		
10.930	H MENA	Jordan Media City	package	DVB-S	5/6	27.500		
	MENA	Amman TV	TV	DVB-S	5/6	27.500		
	MENA	Al Nujaba TV	TV	DVB-S	5/6	27.500		
	MENA	Al-Naeem TV	TV	DVB-S	5/6	27.500		
	MENA	Jordan Sport	TV	DVB-S	5/6	27.500		
	MENA	Mouda	TV	DVB-S	5/6	27.500		
	MENA	Noor Alkhaleej	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al-Etejah Satellite Channel	TV	DVB-S	5/6	27.500		
	MENA	Oyoun Al-Watan TV	TV	DVB-S	5/6	27.500		
	MENA	MB Duha	TV	DVB-S	5/6	27.500		
	MENA	Al Wadi TV	TV	DVB-S	5/6	27.500		
	MENA	A One	TV	DVB-S	5/6	27.500		
	MENA	A Konoz Altb TV	TV	DVB-S	5/6	27.500		
	MENA	Konoz Alshefa	TV	DVB-S	5/6	27.500		
	MENA	Al Dawaela	TV	DVB-S	5/6	27.500		
	MENA	Zalzala TV	TV	DVB-S	5/6	27.500		
	MENA	Qatar Aswaq	TV	DVB-S	5/6	27.500		
	MENA	Al Teb Albadel	TV	DVB-S	5/6	27.500		
	MENA	ABNCENA	TV	DVB-S	5/6	27.500		
	MENA	Al-Mrsad	TV	DVB-S	5/6	27.500		
	MENA	Radio Al-Najba	radio	DVB-S	5/6	27.500		
	MENA	JBC Radio	radio	DVB-S	5/6	27.500		
	MENA	Rotana Radio Jordan	radio	DVB-S	5/6	27.500		
	MENA	Hayat FM	radio	DVB-S	5/6	27.500		
	MENA	Radio Fann	radio	DVB-S	5/6	27.500		
	MENA	Yaqaen FM	radio	DVB-S	5/6	27.500		
	MENA	Al Quran Al Kareem Radio	radio	DVB-S	5/6	27.500		
	MENA	Alamel Radio	radio	DVB-S	5/6	27.500		
	MENA	Bliss 104.3	radio	DVB-S	5/6	27.500		
10.992	V NW Africa	Echorouk TV	package	DVB-S2	9/10	5.000		
	NW Africa	Echorouk TV News	TV	DVB-S2	9/10	5.000		
	NW Africa	Echorouk TV	TV	DVB-S2	9/10	5.000		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
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		
	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		
11.219	H MENA	unknown	package	DVB-S	5/6	27.500		
	MENA	LTC	TV	DVB-S	5/6	27.500		
	MENA	Panorama Film	TV	DVB-S	5/6	27.500		
	MENA	Aljamiya Satellite Channel	TV	DVB-S	5/6	27.500		
	MENA	Shabab TV	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	Al Kahera	TV	DVB-S	5/6	27.500		
	MENA	Al Kanal	TV	DVB-S	5/6	27.500		
	MENA	Al Askandria	TV	DVB-S	5/6	27.500		
	MENA	Al Delta	TV	DVB-S	5/6	27.500		
	MENA	Al Saeed	TV	DVB-S	5/6	27.500		
	MENA	Teba	TV	DVB-S	5/6	27.500		
	MENA	Misr Al Zeraeey	TV	DVB-S	5/6	27.500		
	MENA	Yemen TV	TV	DVB-S	5/6	27.500		
11.258	H MENA	Noorsat	package	DVB-S	5/6	27.500		
	MENA	El Moled	TV	DVB-S	5/6	27.500		
	MENA	Waad FM TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Al Magharibia	TV	DVB-S	5/6	27.500		
	MENA	Al Magharibia 2	TV	DVB-S	5/6	27.500		
	MENA	Halaba TV	TV	DVB-S	5/6	27.500		
	MENA	Time Sha3beyat	TV	DVB-S	5/6	27.500		
	MENA	Yemen Shabab Channel	TV	DVB-S	5/6	27.500		
	MENA	Cinema 2	TV	DVB-S	5/6	27.500		
	MENA	Mickey Channel	TV	DVB-S	5/6	27.500		
	MENA	Al Bait Baitak Cinema	TV	DVB-S	5/6	27.500		
	MENA	Family Classic	TV	DVB-S	5/6	27.500		Arabic
	MENA	ME Sat	TV	DVB-S	5/6	27.500		
	MENA	Dr Zrzr	TV	DVB-S	5/6	27.500		
	MENA	Southern TV	TV	DVB-S	5/6	27.500		
	MENA	Mody Kids Channel	TV	DVB-S	5/6	27.500		
	MENA	Al Waad Channel	TV	DVB-S	5/6	27.500		
	MENA	Sama Al Yemen TV	TV	DVB-S	5/6	27.500		
	MENA	T Cinema	TV	DVB-S	5/6	27.500		
	MENA	Al Hayat	TV	DVB-S	5/6	27.500		
	MENA	Alkebbel Aflam	TV	DVB-S	5/6	27.500		
	MENA	Panorama Yom	TV	DVB-S	5/6	27.500		
	MENA	T Taxi	TV	DVB-S	5/6	27.500		
	MENA	T Drama	TV	DVB-S	5/6	27.500		
	MENA	Debub FM	radio	DVB-S	5/6	27.500		
	MENA	Clacket Zaman	TV	DVB-S	5/6	27.500		Arabic
	MENA	Clacket Drama	TV	DVB-S	5/6	27.500		Arabic
11.296	H MENA	unknown	package	DVB-S	3/4	27.500		
	MENA	Rotana Music	TV	DVB-S	3/4	27.500		
	MENA	Rotana Clip	TV	DVB-S	3/4	27.500		
	MENA	Rotana Khalejia	TV	DVB-S	3/4	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Rotana Classic	TV	DVB-S	3/4	27.500		
	MENA	Rotana Drama	TV	DVB-S	3/4	27.500		
	MENA	Rotana Cinema	TV	DVB-S	3/4	27.500		
	MENA	Rotana Cinema KSA	TV	DVB-S	3/4	27.500		
	MENA	Al-Resalah	TV	DVB-S	3/4	27.500		
	MENA	Rotana FM	radio	DVB-S	3/4	27.500		
11.315	V MENA	Noorsat	package	DVB-S	5/6	27.500		
	MENA	Karameesh	TV	DVB-S	5/6	27.500		
	MENA	Taha TV	TV	DVB-S	5/6	27.500		
	MENA	Zitouna TV	TV	DVB-S	5/6	27.500		
	MENA	Al Arefe	TV	DVB-S	5/6	27.500		
	MENA	Shareeyah TV	TV	DVB-S	5/6	27.500		
	MENA	Erhaby TV	TV	DVB-S	5/6	27.500		
	MENA	Green Life	TV	DVB-S	5/6	27.500		
	MENA	MBCode	TV	DVB-S	5/6	27.500		
	MENA	Toyor Aljanah	TV	DVB-S	5/6	27.500		
	MENA	Al Maaref TV	TV	DVB-S	5/6	27.500		
	MENA	Alquds Satellite Channel	TV	DVB-S	5/6	27.500		
	MENA	MD	TV	DVB-S	5/6	27.500		
	MENA	Al-Masar Al-Oula Satellite Channel	TV	DVB-S	5/6	27.500		
	MENA	UNRWA TV	TV	DVB-S	5/6	27.500		
	MENA	Noor Jordan TV	TV	DVB-S	5/6	27.500		
	MENA	Baghdad TV	TV	DVB-S	5/6	27.500		
	MENA	Leqaa TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Suhail TV	TV	DVB-S	5/6	27.500		
	MENA	Aden TV	TV	DVB-S	5/6	27.500		
	MENA	Wast Albalad	TV	DVB-S	5/6	27.500		Arabic
11.334	H MENA	Jasco	package	DVB-S	5/6	27.500		
	MENA	Resalat Al Islam	TV	DVB-S	5/6	27.500		
	MENA	Beity TV	TV	DVB-S	5/6	27.500		
	MENA	Fursan TV	TV	DVB-S	5/6	27.500		
	MENA	Al Qassim TV	TV	DVB-S	5/6	27.500		
	MENA	Alerth Alnabawi Channel	TV	DVB-S	5/6	27.500		
	MENA	Semsem	TV	DVB-S	5/6	27.500		
	MENA	Kaifa TV	TV	DVB-S	5/6	27.500		
	MENA	ANB	TV	DVB-S	5/6	27.500		
	MENA	Libya 1	TV	DVB-S	5/6	27.500		
	MENA	Alwakaa TV	TV	DVB-S	5/6	27.500		
11.354	V MENA	STN	package	DVB-S	5/6	27.500		
	MENA	Ta3arof TV	TV	DVB-S	5/6	27.500		
	MENA	MTA 3	TV	DVB-S	5/6	27.500		
	MENA	Ethiopia Orthodox TV	TV	DVB-S	5/6	27.500		
	MENA	Kurdistan 24	TV	DVB-S	5/6	27.500		
	MENA	Al-Khalij TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Sawt Alitraa TV	TV	DVB-S	5/6	27.500		
	MENA	GTV	TV	DVB-S	5/6	27.500		
	MENA	Kurdistan 24	TV	DVB-S	5/6	27.500		
	MENA	Çira TV	TV	DVB-S	5/6	27.500		
	MENA	Ronahî TV	TV	DVB-S	5/6	27.500		
	MENA	One Music TV	TV	DVB-S	5/6	27.500		
	MENA	Sat 7 Kids	TV	DVB-S	5/6	27.500		
	MENA	Sat 7 Arabic	TV	DVB-S	5/6	27.500		
	MENA	Alkarma TV Middle East 1	TV	DVB-S	5/6	27.500		Arabic
	MENA	Atfal & Mawaheb	TV	DVB-S	5/6	27.500		
	MENA	Aryen TV	TV	DVB-S	5/6	27.500		
	MENA	OMH	TV	DVB-S	5/6	27.500		
	MENA	Inta Omri TV	TV	DVB-S	5/6	27.500		
	MENA	Alruqiya	TV	DVB-S	5/6	27.500		
	MENA	Dzair 16	TV	DVB-S	5/6	27.500		
	MENA	Ana Bintizarek	TV	DVB-S	5/6	27.500		
	MENA	Anta Oana	TV	DVB-S	5/6	27.500		
	MENA	Khaleej Al Arab 2	TV	DVB-S	5/6	27.500		Arabic
	MENA	Layalina	TV	DVB-S	5/6	27.500		
	MENA	Alashk Wihawa	TV	DVB-S	5/6	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Alhob Kulo	TV	DVB-S	5/6	27.500		
	MENA	Dabanga TV	TV	DVB-S	5/6	27.500		
	MENA	Radio Al-Mahabba	radio	DVB-S	5/6	27.500		
	MENA	Radio Vaticana 7	radio	DVB-S	5/6	27.500		
	MENA	Dengé Welat	radio	DVB-S	5/6	27.500		
	MENA	Kurdistan 24 Radio	radio	DVB-S	5/6	27.500		
	MENA	Praise FM	radio	DVB-S	5/6	27.500		
11.373	H MENA	Travel Channel Europe	TV	DVB-S2	2/3	27.500	Betacrypt/Irdeto	English
11.392	V MENA	Noorsat	package	DVB-S	5/6	27.500		
	MENA	Asia News TV	TV	DVB-S	5/6	27.500		
	MENA	Toyor Baby	TV	DVB-S	5/6	27.500		
	MENA	Al Mayadeen TV	TV	DVB-S	5/6	27.500		
	MENA	Mokhatat Safawi	TV	DVB-S	5/6	27.500		
	MENA	Alrased	TV	DVB-S	5/6	27.500		
	MENA	Alikhbaria Syria	TV	DVB-S	5/6	27.500		
	MENA	Alordon Alyoom	TV	DVB-S	5/6	27.500		Arabic
	MENA	Wesal Haq	TV	DVB-S	5/6	27.500		
	MENA	Al-Iman TV	TV	DVB-S	5/6	27.500		
	MENA	Alkofiya TV	TV	DVB-S	5/6	27.500		
	MENA	Alkawthar TV	TV	DVB-S	5/6	27.500		
	MENA	Wesal TV	TV	DVB-S	5/6	27.500		
	MENA	Libya Alrasmia Channel	TV	DVB-S	5/6	27.500		
	MENA	TRT Arapça	TV	DVB-S	5/6	27.500		
	MENA	Radio Albachaer	radio	DVB-S	5/6	27.500		
11.411	H MENA	OSN	package	DVB-S2	3/4	30.000	Betacrypt	
	MENA	Nat Geo Wild Asia	TV	DVB-S2	3/4	30.000	Betacrypt	
	MENA	Nat Geo People Asia	TV	DVB-S2	3/4	30.000	Betacrypt	
	MENA	National Geographic Asia	TV	DVB-S2	3/4	30.000	Betacrypt	
	MENA	Star Movies HD Middle East	TV	DVB-S2	3/4	30.000	Betacrypt	
	MENA	Star World HD Middle East	TV	DVB-S2	3/4	30.000	Betacrypt	
	MENA	OSN Ya Hala! Drama	TV	DVB-S2	3/4	30.000	Betacrypt	
	MENA	Ginx eSports TV International	TV	DVB-S2	3/4	30.000	Betacrypt	
	MENA	OSN Sports 4	TV	DVB-S2	3/4	30.000	Betacrypt	
11.430	V MENA	unknown	package	DVB-S	5/6	27.500		
	MENA	Al Rafidain +	TV	DVB-S	5/6	27.500		
	MENA	Al-Nahar Drama +2	TV	DVB-S	5/6	27.500		
	MENA	Palestine Mobasher	TV	DVB-S	5/6	27.500		
	MENA	Al Kahera Wal Nas 2	TV	DVB-S	5/6	27.500		
	MENA	Alghad TV	TV	DVB-S	5/6	27.500		
	MENA	Majan TV Channel	TV	DVB-S	5/6	27.500		
	MENA	Azhari TV	TV	DVB-S	5/6	27.500		
	MENA	Alghad TV	TV	DVB-S	5/6	27.500		
	MENA	Sada Elbalad Drama	TV	DVB-S	5/6	27.500		
	MENA	5 Stars	TV	DVB-S	5/6	27.500		
	MENA	Al Nada TV	TV	DVB-S	5/6	27.500		
	MENA	Ten	TV	DVB-S	5/6	27.500		
11.449	H MENA	DMC	package	DVB-S	5/6	27.500		
	MENA	DMC	TV	DVB-S	5/6	27.500		
	MENA	DMC	TV	DVB-S	5/6	27.500		
	MENA	DMC News	TV	DVB-S	5/6	27.500		
	MENA	DMC Drama	TV	DVB-S	5/6	27.500		
	MENA	DMC Sports	TV	DVB-S	5/6	27.500		
	MENA	DMC Sports	TV	DVB-S	5/6	27.500		
	MENA	NRJ Egypt	radio	DVB-S	5/6	27.500		
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		
	NW Africa	2M National	TV	DVB-S	3/4	27.500		
	NW Africa	Arryadia	TV	DVB-S	3/4	27.500		
	NW Africa	Athaqafia	TV	DVB-S	3/4	27.500		
	NW Africa	Al Maghribia	TV	DVB-S	3/4	27.500		
	NW Africa	Assadissa	TV	DVB-S	3/4	27.500		
	NW Africa	Tamazight	TV	DVB-S	3/4	27.500		Ber
	NW Africa	Medi 1 TV Afrique	TV	DVB-S	3/4	27.500		
	NW Africa	Al Aoula Middle East	TV	DVB-S	3/4	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	NW Africa	Al Aoula Middle East	TV	DVB-S	3/4	27.500		
	NW Africa	Medi 1 Maghreb	radio	DVB-S	3/4	27.500		
11.488	H MENA	unknown	package	DVB-S	5/6	27.500		
	MENA	Al-Nahar TV	TV	DVB-S	5/6	27.500		
	MENA	ERTU 2	TV	DVB-S	5/6	27.500		
	MENA	Qatar Today TV	TV	DVB-S	5/6	27.500		
	MENA	Oscar TV	TV	DVB-S	5/6	27.500		
	MENA	Al-Nahar Drama	TV	DVB-S	5/6	27.500		
	MENA	CBC Drama	TV	DVB-S	5/6	27.500		
	MENA	CBC	TV	DVB-S	5/6	27.500		
	MENA	Extra News	TV	DVB-S	5/6	27.500		
	MENA	CBC Sofra	TV	DVB-S	5/6	27.500		
	MENA	Alhayah Alaan promo	TV	DVB-S	5/6	27.500		
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		
	NW Africa	Arryadia	TV	DVB-S2	2/3	27.500		
	NW Africa	Athaqafia	TV	DVB-S2	2/3	27.500		
	NW Africa	Al Maghribia	TV	DVB-S2	2/3	27.500		
	NW Africa	Assadissa	TV	DVB-S2	2/3	27.500		
	NW Africa	Tamazight	TV	DVB-S2	2/3	27.500		
11.526	H MENA	Noorsat	package	DVB-S	5/6	27.500		
	MENA	M Cinema	TV	DVB-S	5/6	27.500		
	MENA	Ahwazona TV	TV	DVB-S	5/6	27.500		
	MENA	KTO	TV	DVB-S	5/6	27.500		
	MENA	Al Masrawia Aflam	TV	DVB-S	5/6	27.500		
	MENA	Belqees TV	TV	DVB-S	5/6	27.500		
	MENA	Alalam News Channel	TV	DVB-S	5/6	27.500		
	MENA	SA 24	TV	DVB-S	5/6	27.500		
	MENA	Shanpoo Aflam	TV	DVB-S	5/6	27.500		
	MENA	Mazazikh	TV	DVB-S	5/6	27.500		
	MENA	Star Cinema 1	TV	DVB-S	5/6	27.500		
	MENA	Masdar TV	TV	DVB-S	5/6	27.500		
	MENA	Star Cinema 2	TV	DVB-S	5/6	27.500		
	MENA	Shahrazad Alkher	TV	DVB-S	5/6	27.500		
	MENA	Belody Aflam	TV	DVB-S	5/6	27.500		
	MENA	Al Nassr TV	TV	DVB-S	5/6	27.500		
	MENA	Libya TV	TV	DVB-S	5/6	27.500		
	MENA	Iraq News	TV	DVB-S	5/6	27.500		
	MENA	Alminbar	TV	DVB-S	5/6	27.500		
	MENA	IUC	TV	DVB-S	5/6	27.500		
	MENA	Al Nabaa Channel	TV	DVB-S	5/6	27.500		
	MENA	Radio Mariam Arabic	radio	DVB-S	5/6	27.500		
11.559	V NW Africa	MBC	package	DVB-S	5/6	27.500		
	NW Africa	Al Hadath	TV	DVB-S	5/6	27.500		
	NW Africa	Al Arabiya	TV	DVB-S	5/6	27.500		
	NW Africa	MBC	TV	DVB-S	5/6	27.500		
	NW Africa	MBC 4	TV	DVB-S	5/6	27.500		
	NW Africa	MBC 3	TV	DVB-S	5/6	27.500		
	NW Africa	MBC Action	TV	DVB-S	5/6	27.500		
	NW Africa	MBC 2	TV	DVB-S	5/6	27.500		
	NW Africa	MBC Max	TV	DVB-S	5/6	27.500		
	NW Africa	MBC Bollywood	TV	DVB-S	5/6	27.500		
	NW Africa	MBC Drama	TV	DVB-S	5/6	27.500		
	NW Africa	Wanasah	TV	DVB-S	5/6	27.500		
11.564	H MENA	unknown	package	DVB-S	3/4	27.500		
	MENA	Nilesat promo	TV	DVB-S	3/4	27.500		
11.603	H MENA	Noorsat	package	DVB-S	5/6	27.500		
	MENA	Elwatan Channel	TV	DVB-S	5/6	27.500		
	MENA	Altaleaa TV	TV	DVB-S	5/6	27.500		
	MENA	Karbala Satellite Channel	TV	DVB-S	5/6	27.500		
	MENA	Music Sha3by TV	TV	DVB-S	5/6	27.500		
	MENA	7Besha	TV	DVB-S	5/6	27.500		
	MENA	Cima Alibaba	TV	DVB-S	5/6	27.500		
	MENA	Afrah TV	TV	DVB-S	5/6	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Koky Kids	TV	DVB-S	5/6	27.500		
	MENA	Syrian Educational TV	TV	DVB-S	5/6	27.500		
	MENA	Orient News	TV	DVB-S	5/6	27.500		
	MENA	Tok Tok Cinema	TV	DVB-S	5/6	27.500		
	MENA	Tal2a Hendy	TV	DVB-S	5/6	27.500		
	MENA	Assirat TV	TV	DVB-S	5/6	27.500		
	MENA	Al Sa3aa Comedy	TV	DVB-S	5/6	27.500		
	MENA	MIT	TV	DVB-S	5/6	27.500		
	MENA	Al Shasha Cinema	TV	DVB-S	5/6	27.500		
	MENA	Al Qanat 9	TV	DVB-S	5/6	27.500		
	MENA	Syria TV	TV	DVB-S	5/6	27.500		Arabic
	MENA	Alhouda	radio	DVB-S	5/6	27.500		
	MENA	Syria TV	TV	DVB-S	5/6	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		
	MENA	IBN	TV	DVB-S	5/6	27.500		
	MENA	Alwilayah TV	TV	DVB-S	5/6	27.500		
	MENA	Thaqalayn TV	TV	DVB-S	5/6	27.500		
	MENA	Hodhod Arabic TV	TV	DVB-S	5/6	27.500		
	MENA	An Najaf Al Ashraf	TV	DVB-S	5/6	27.500		
	MENA	Al Baeenah Iraq TV	TV	DVB-S	5/6	27.500		
	MENA	Al Eshraq TV	TV	DVB-S	5/6	27.500		
	MENA	Dua Channel	TV	DVB-S	5/6	27.500		
	MENA	Al Qamar TV	TV	DVB-S	5/6	27.500		
	MENA	Minhaj TV	TV	DVB-S	5/6	27.500		
	MENA	Velayat TV Network	TV	DVB-S	5/6	27.500		
	MENA	Press TV	TV	DVB-S	5/6	27.500		
11.658	V NW Africa	ONT	package	DVB-S	2/3	27.500		
	NW Africa	Watania 1	TV	DVB-S	2/3	27.500		
	NW Africa	Elhiwar Ettounsi TV	TV	DVB-S	2/3	27.500		
	NW Africa	Tunisna TV	TV	DVB-S	2/3	27.500		
	NW Africa	Attessia TV	TV	DVB-S	2/3	27.500		
	NW Africa	M Tunisia	TV	DVB-S	2/3	27.500		
	NW Africa	Watania 2	TV	DVB-S	2/3	27.500		
	NW Africa	Telvza TV	TV	DVB-S	2/3	27.500		
	NW Africa	Al Janoubiya TV	TV	DVB-S	2/3	27.500		
	NW Africa	Carthage+	TV	DVB-S	2/3	27.500		
	NW Africa	Al Insen TV	TV	DVB-S	2/3	27.500		
	NW Africa	Hannibal TV	TV	DVB-S	2/3	27.500		
	NW Africa	Radio Nationale	radio	DVB-S	2/3	27.500		
	NW Africa	Radio Tunis Chaîne Internationale	radio	DVB-S	2/3	27.500		
	NW Africa	Radio Culturelle	radio	DVB-S	2/3	27.500		
11.680	H MENA	TDA	package	DVB-S	3/4	27.500		
	MENA	ENTV	TV	DVB-S	3/4	27.500	BISS	
	MENA	Canal Algérie	TV	DVB-S	3/4	27.500		
	MENA	Thalitha TV	TV	DVB-S	3/4	27.500		
	MENA	Algérie 4	TV	DVB-S	3/4	27.500		
	MENA	Algérie 5	TV	DVB-S	3/4	27.500		
	MENA	Thalitha TV	TV	DVB-S	3/4	27.500		
	MENA	Chaîne 1	radio	DVB-S	3/4	27.500		
	MENA	Chaîne 2	radio	DVB-S	3/4	27.500		Ber
	MENA	Chaîne 3	radio	DVB-S	3/4	27.500		
	MENA	Radio Décrochage	radio	DVB-S	3/4	27.500		
	MENA	Radio Bahdja	radio	DVB-S	3/4	27.500		
	MENA	Radio Décrochage 2	radio	DVB-S	3/4	27.500		
	MENA	Radio Algérie Internationale	radio	DVB-S	3/4	27.500		
	MENA	Radio Sahel	radio	DVB-S	3/4	27.500		
	MENA	Jil FM	radio	DVB-S	3/4	27.500		
	MENA	Radio Coran	radio	DVB-S	3/4	27.500		
	MENA	Radio Ouargla	radio	DVB-S	3/4	27.500		
	MENA	Radio Tamanrasset	radio	DVB-S	3/4	27.500		
	MENA	Radio Bechar	radio	DVB-S	3/4	27.500		
	MENA	Radio Adrar	radio	DVB-S	3/4	27.500		
	MENA	Radio Illizi	radio	DVB-S	3/4	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Radio Tindouf	radio	DVB-S	3/4	27.500		
	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		
	MENA	Radio Blida	radio	DVB-S	3/4	27.500		
	MENA	Radio Setif	radio	DVB-S	3/4	27.500		
	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-Arredj	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		
	MENA	Radio Souk Ahras	radio	DVB-S	3/4	27.500		
	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		
	MENA	Radio Bejaia	radio	DVB-S	3/4	27.500		
	MENA	Radio Tlemcen	radio	DVB-S	3/4	27.500		
	MENA	Radio Régionale de Ghardaïa	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		Hau
	NW Africa	BW TV	TV	DVB-S	1/2	4.814	Conax	
	NW Africa	Radio Andernach	radio	DVB-S	1/2	4.814	Conax	
12.111	H MENA	Oman TV	package	DVB-S	3/4	27.500		
	MENA	Oman TV	TV	DVB-S	3/4	27.500		
	MENA	Oman TV Sport	TV	DVB-S	3/4	27.500		
	MENA	Oman TV	TV	DVB-S	3/4	27.500		
	MENA	Oman TV Live	TV	DVB-S	3/4	27.500		
	MENA	Oman TV Sport	TV	DVB-S	3/4	27.500		
	MENA	Oman TV Live	TV	DVB-S	3/4	27.500		
	MENA	Oman TV Culture	TV	DVB-S	3/4	27.500		
	MENA	Oman TV Culture	TV	DVB-S	3/4	27.500		
	MENA	Radio Oman	radio	DVB-S	3/4	27.500		
	MENA	Al-Shabab	radio	DVB-S	3/4	27.500		
	MENA	Radio Oman FM	radio	DVB-S	3/4	27.500		
	MENA	Holy Quran Radio	radio	DVB-S	3/4	27.500		
	MENA	Oman Classic Radio	radio	DVB-S	3/4	27.500		
	MENA	Sawt Oman	radio	DVB-S	3/4	27.500		
12.169	V MENA	unknown	package	DVB-S	5/6	27.500		
	MENA	Music Haneen	TV	DVB-S	5/6	27.500		
	MENA	Sada Elbalad 2	TV	DVB-S	5/6	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Al-Teeb TV	TV	DVB-S	5/6	27.500		
	MENA	Al Sahara TV Alabel	TV	DVB-S	5/6	27.500		
	MENA	Al Arabiya	TV	DVB-S	5/6	27.500		
	MENA	Al Hadath	TV	DVB-S	5/6	27.500		
	MENA	Radio Hits 88.2	radio	DVB-S	5/6	27.500		
	MENA	Mega 92.7 FM	radio	DVB-S	5/6	27.500		
	MENA	Nagham FM	radio	DVB-S	5/6	27.500		
	MENA	Sha3by FM 95	radio	DVB-S	5/6	27.500		
12.188	H MENA	unknown	package	DVB-S2	5/6	27.500		
	MENA	Al-Iraqiya News	TV	DVB-S2	5/6	27.500		
	MENA	NBN	TV	DVB-S2	5/6	27.500		
	MENA	Huda TV	TV	DVB-S2	5/6	27.500		
12.245	V MENA	BeIn	package	DVB-S2	2/3	27.500		
	MENA	BeIn Sports Global	TV	DVB-S2	2/3	27.500		
	MENA	BeIn Sports News	TV	DVB-S2	2/3	27.500		
	MENA	BeIn Sports HD 1 Max	TV	DVB-S2	2/3	27.500		Arabic
	MENA	BeIn Sports HD 2 Max	TV	DVB-S2	2/3	27.500		Arabic
12.265	H MENA	BeIn Sports HD 3 Max promo	TV	DVB-S2	2/3	27.500		
12.322	V MENA	Du	package	DVB-S2	3/4	30.000		
	MENA	Dubai Sports	TV	DVB-S2	3/4	30.000		
	MENA	Dubai TV	TV	DVB-S2	3/4	30.000		
	MENA	Dubai Racing	TV	DVB-S2	3/4	30.000		
	MENA	Madani Channel Urdu	TV	DVB-S2	3/4	30.000		
	MENA	Dubai Zaman	TV	DVB-S2	3/4	30.000		
	MENA	Sama Dubai	TV	DVB-S2	3/4	30.000		
	MENA	Al Dafrah TV	TV	DVB-S2	3/4	30.000		
	MENA	Fujairah TV	TV	DVB-S2	3/4	30.000		
	MENA	Nat Geo Kids Abu Dhabi	TV	DVB-S2	3/4	30.000		
	MENA	Zayed Radio	radio	DVB-S2	3/4	30.000		
	MENA	Fujairah 92.6 FM	radio	DVB-S2	3/4	30.000		
12.341	H MENA	Nilesat	package	DVB-S	5/6	27.500		
	MENA	Al Mowselya TV	TV	DVB-S	5/6	27.500		
	MENA	Afaq Satellite Channel	TV	DVB-S	5/6	27.500		
	MENA	Amhara TV	TV	DVB-S	5/6	27.500		
	MENA	Panorama Drama	TV	DVB-S	5/6	27.500		
	MENA	Panorama Food	TV	DVB-S	5/6	27.500		
	MENA	Al Ahly TV	TV	DVB-S	5/6	27.500		
	MENA	Panorama Drama 2	TV	DVB-S	5/6	27.500		
	MENA	Yemen Today TV	TV	DVB-S	5/6	27.500		
	MENA	Alahad TV	TV	DVB-S	5/6	27.500		
	MENA	FM Behir Dar 96.9	radio	DVB-S	5/6	27.500		
12.360	V MENA	Du	package	DVB-S	3/4	27.500		
	MENA	Alsumaria	TV	DVB-S	3/4	27.500		
	MENA	Al Waha TV	TV	DVB-S	3/4	27.500		
	MENA	Arabica TV	TV	DVB-S	3/4	27.500		
	MENA	Al Ghad Al Mushreq	TV	DVB-S	3/4	27.500		
	MENA	Imagine Movies	TV	DVB-S	3/4	27.500		
	MENA	LDC	TV	DVB-S	3/4	27.500		
	MENA	Ennahar TV	TV	DVB-S	3/4	27.500		
	MENA	MTV Alloubnaniya	TV	DVB-S	3/4	27.500		
	MENA	Aghani Aghani TV	TV	DVB-S	3/4	27.500		
	MENA	Al Rasheed TV	TV	DVB-S	3/4	27.500		
	MENA	Samira TV	TV	DVB-S	3/4	27.500		
	MENA	Dzair TV	TV	DVB-S	3/4	27.500		
	MENA	Chada TV	TV	DVB-S	3/4	27.500		Arabic
	MENA	Sumer FM	radio	DVB-S	3/4	27.500		
	MENA	Al Rasheed FM	radio	DVB-S	3/4	27.500		
12.380	H MENA	Nilesat	package	DVB-S	5/6	27.500		
	MENA	Almasar Satellite Channel	TV	DVB-S	5/6	27.500		
	MENA	OBN	TV	DVB-S	5/6	27.500		
	MENA	Al-Iraqiya Sport	TV	DVB-S	5/6	27.500		
	MENA	Al Assema 2	TV	DVB-S	5/6	27.500		
	MENA	Al Assema	TV	DVB-S	5/6	27.500		
	MENA	Moga Comedy	TV	DVB-S	5/6	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA	Al Rafidain TV	TV	DVB-S	5/6	27.500		
	MENA	Télé Tchad	TV	DVB-S	5/6	27.500		
	MENA	Oromiyaa Radio	radio	DVB-S	5/6	27.500		
	MENA	Forqan Radio	radio	DVB-S	5/6	27.500		
	MENA	Radio Iraqia	radio	DVB-S	5/6	27.500		
	MENA	Radio Tchad	radio	DVB-S	5/6	27.500		
12.399	V MENA	Jordan Media City	package	DVB-S	5/6	27.500		
	MENA	218	TV	DVB-S	5/6	27.500		
	MENA	218 News	TV	DVB-S	5/6	27.500		Arabic
	MENA	Altaghier TV	TV	DVB-S	5/6	27.500		
	MENA	Makkah TV	TV	DVB-S	5/6	27.500		
	MENA	Al Diyar Satellite Channel	TV	DVB-S	5/6	27.500		
	MENA	Roya TV	TV	DVB-S	5/6	27.500		
	MENA	Ahl-Alquran TV	TV	DVB-S	5/6	27.500		
	MENA	Maestro	TV	DVB-S	5/6	27.500		
	MENA	218	TV	DVB-S	5/6	27.500		
	MENA	Kuwait Medical TV	TV	DVB-S	5/6	27.500		
	MENA	Karkok Alan	TV	DVB-S	5/6	27.500		
	MENA	Jordan Now TV	TV	DVB-S	5/6	27.500		
	MENA	TT1	TV	DVB-S	5/6	27.500		
	MENA	Syria Medical	TV	DVB-S	5/6	27.500		
	MENA	Jenan TV	TV	DVB-S	5/6	27.500		
	MENA	MB Ruqia	TV	DVB-S	5/6	27.500		
	MENA	Eamar Syria TV	TV	DVB-S	5/6	27.500		
	MENA	Sama Jordan	TV	DVB-S	5/6	27.500		
	MENA	VoA Africa 24	TV	DVB-S	5/6	27.500		
	MENA	Dzair M	TV	DVB-S	5/6	27.500		
	MENA	Jannah TV	TV	DVB-S	5/6	27.500		
	MENA	Al Wadi TV	TV	DVB-S	5/6	27.500		
	MENA	Iraq Alentikhabiyeh 2018 Channel	TV	DVB-S	5/6	27.500		Arabic
	MENA	Manaseer TV	TV	DVB-S	5/6	27.500		
	MENA	Amen FM TV	TV	DVB-S	5/6	27.500		
	MENA	Jordan Adwaa	TV	DVB-S	5/6	27.500		
	MENA	Fact International	TV	DVB-S	5/6	27.500		
	MENA	Eamar Syria TV	TV	DVB-S	5/6	27.500		
	MENA	JNC	TV	DVB-S	5/6	27.500		
	MENA	Al Haqiqa	TV	DVB-S	5/6	27.500		
	MENA	Soora TV	TV	DVB-S	5/6	27.500		
	MENA	Dzair 25	TV	DVB-S	5/6	27.500		
	MENA	El Adjwaa TV	TV	DVB-S	5/6	27.500		
	MENA	El Aggar TV	TV	DVB-S	5/6	27.500		
	MENA	Radio Alwasat	radio	DVB-S	5/6	27.500		
	MENA	Radio Al-Mahabba	radio	DVB-S	5/6	27.500		
12.418	H MENA	Dubai Media	package	DVB-S	3/4	27.500		
	MENA	Dubai TV	TV	DVB-S	3/4	27.500		
	MENA	Sama Dubai	TV	DVB-S	3/4	27.500		
	MENA	Dubai One	TV	DVB-S	3/4	27.500		
	MENA	Dubai Sports 2	TV	DVB-S	3/4	27.500		
	MENA	Dubai Sports 3	TV	DVB-S	3/4	27.500		
	MENA	Dubai Racing 2	TV	DVB-S	3/4	27.500		
	MENA	Dubai Racing 3	TV	DVB-S	3/4	27.500		
	MENA	Noor Dubai	TV	DVB-S	3/4	27.500		
	MENA	Dubai Zaman	TV	DVB-S	3/4	27.500		
	MENA	Noor Dubai Radio	radio	DVB-S	3/4	27.500		
	MENA	Dubai Radio 93	radio	DVB-S	3/4	27.500		
12.437	V MENA	Nilesat	package	DVB-S	5/6	27.500		
	MENA	ANN	TV	DVB-S	5/6	27.500		
	MENA	Cairo University	TV	DVB-S	5/6	27.500		
	MENA	Al-Iraqiya News	TV	DVB-S	5/6	27.500		
	MENA	Sham FM International	TV	DVB-S	5/6	27.500		
	MENA	Alanbar Satellite Channel	TV	DVB-S	5/6	27.500		
	MENA	Alhayah Mosalsalat	TV	DVB-S	5/6	27.500		
	MENA	Türkmen TV	TV	DVB-S	5/6	27.500		
	MENA	Republic of Iraq Radio	radio	DVB-S	5/6	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
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		
	MENA	Emarat TV	TV	DVB-S2	2/3	27.500		
	MENA	Majid	TV	DVB-S2	2/3	27.500		
	MENA	Abu Dhabi Drama	TV	DVB-S2	2/3	27.500		
	MENA	Abu Dhabi Sports 1	TV	DVB-S2	2/3	27.500		
	MENA	Abu Dhabi Sports 2	TV	DVB-S2	2/3	27.500		
	MENA	Yas TV	TV	DVB-S2	2/3	27.500		
	MENA	National Geographic Abu Dhabi	TV	DVB-S2	2/3	27.500		

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3.646	R C	Télé Sahel	TV	DVB-S	3/4	2.170		
	C	Voix du Sahel	radio	DVB-S	3/4	2.170		
3.652	R C	Tele Congo	TV	DVB-S	7/8	2.018		
	C	Radio Congo	radio	DVB-S	7/8	2.018		
3.656	R C	KTN Home	TV	DVB-S2	3/5	2.917		
	C	Radio Maisha	radio	DVB-S2	3/5	2.917		
3.712	L C	CRTV	package	DVB-S2	5/6	4.250		
	C	CRTV	TV	DVB-S2	5/6	4.250		
	C	CRTV News	TV	DVB-S2	5/6	4.250		French
	C	CRTV National Radio	radio	DVB-S2	5/6	4.250		
3.727	R C	Globecast	package	DVB-S	7/8	29.950		
	C	Globecast promo	TV	DVB-S	7/8	29.950		
	C	Globecast promo	TV	DVB-S	7/8	29.950		
	C	Globecast promo	TV	DVB-S	7/8	29.950		
	C	Globecast promo	TV	DVB-S	7/8	29.950		
	C	Tele Congo	TV	DVB-S	7/8	29.950		
	C	Al Maghribia	TV	DVB-S	7/8	29.950		
	C	Canal Algérie	TV	DVB-S	7/8	29.950		
	C	TVE Internacional Europa	TV	DVB-S	7/8	Y 29.950		
	C	Cofrac	radio	DVB-S	7/8	29.950		
	C	RTBF International	radio	DVB-S	7/8	29.950		
	C	Radio Al Bayane	radio	DVB-S	7/8	29.950		
	C	Radio Congo	radio	DVB-S	7/8	29.950		
	C	Chaîne 1	radio	DVB-S	7/8	29.950		
	C	Radio Algérie Internationale	radio	DVB-S	7/8	29.950		
	C	RNE Radio Nacional	radio	DVB-S	7/8	29.950		
	C	Radio Exterior	radio	DVB-S	7/8	29.950		
4.021	R C	Dunamis TV	TV	DVB-S2	3/4	1.245		
4.054	R C	Top TV	TV	DVB-S2	3/4	1.833		
4.100	L C	Gabon TV	TV	DVB-S	7/8	1.944		
	C	RTG Radio 1	radio	DVB-S	7/8	1.944		
4.102	L C	Gabon 24	TV	DVB-S2	3/4	1.249		
4.103	L C	Télé Africa	TV	DVB-S2	3/4	1.249		
4.154	L C	ORTB TV	TV	DVB-S	3/4	2.985		
	C	Radio Bénin	radio	DVB-S	3/4	2.985		
	C	Atlantic FM	radio	DVB-S	3/4	2.985		
4.156	L C	BB 24	TV	DVB-S	7/8	1.793		
	C	Radio Bénin	radio	DVB-S	7/8	1.793		
	C	Radio Parakou	radio	DVB-S	7/8	1.793		
4.162	L C	Africa N° 1 Libreville	package	DVB-S	3/4	1.500		
	C	Africa N° 1 Libreville	radio	DVB-S	3/4	1.500		
	C	Africa N° 1 Libreville	radio	DVB-S	3/4	1.500		
4.164	L C	Africa N° 1 Paris	radio	DVB-S	1/2	.556		
10.972	V Super	TV 5 Monde France Belgique Suisse	TV	DVB-S2	3/4	Y 29.950	Viaccess	French
11.013	V Super	RAI	package	DVB-S2	3/5	30.000		
	Super	Rai Sport	TV	DVB-S2	3/5	30.000		
	Super	Rai 5	TV	DVB-S2	3/5	30.000		
	Super	Rai Scuola	TV	DVB-S2	3/5	30.000		
	Super	Rai Storia	TV	DVB-S2	3/5	30.000		
	Super	Rai Radio Classica	radio	DVB-S2	3/5	30.000		
	Super	Rai Gr Parlamento	radio	DVB-S2	3/5	30.000		
	Super	Rai Isoradio	radio	DVB-S2	3/5	30.000		
	Super	Rai Radio Tutta Italiana	radio	DVB-S2	3/5	30.000		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Super	Rai Radio Techete'	radio	DVB-S2	3/5	30.000		
	Super	Rai Radio Live	radio	DVB-S2	3/5	30.000		
	Super	Rai Radio Kids	radio	DVB-S2	3/5	30.000		
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	Rai 3 Piemonte	TV	DVB-S2	3/5	30.000		
11.054	V Super	Dlci TV	TV	DVB-S2	3/4	29.950		
	Super	ETB 1	TV	DVB-S2	3/4	29.950	Viaccess	Basque
11.096	V Super	TF 1	TV	DVB-S2	3/4	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		
	Super	Rai Yoyo	TV	DVB-S2	3/5	30.000		
	Super	Rai 4	TV	DVB-S2	3/5	30.000		
	Super	Rai Gulp	TV	DVB-S2	3/5	30.000		
	Super	Rai Movie	TV	DVB-S2	3/5	30.000		
	Super	Rai 1	TV	DVB-S2	3/5	30.000		
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	Rai 2	TV	DVB-S2	3/5	30.000		
	Super	Rai 3	TV	DVB-S2	3/5	30.000		
	Super	Rai Sport + HD	TV	DVB-S2	3/5	30.000		
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	Rai 3 Campania	TV	DVB-S2	3/5	30.000		
11.456	H Super	TowerCast	package	DVB-S2	3/4	2.400		
	Super	Skyrock	radio	DVB-S2	3/4	2.400		
	Super	NRJ France	radio	DVB-S2	3/4	2.400		
	Super	Nostalgie	radio	DVB-S2	3/4	2.400		
11.458	H Super	TowerCast	package	DVB-S	1/2	.543		
	Super	Nostalgie Belgique	radio	DVB-S	1/2	.543		
	Super	NRJ Belgique	radio	DVB-S	1/2	.543		
11.465	H Super	Alouette	package	DVB-S2	3/5	.667		
	Super	Alouette	radio	DVB-S2	3/5	.667		
	Super	Alouette	radio	DVB-S2	3/5	.667		
	Super	Alouette	radio	DVB-S2	3/5	.667		
	Super	Alouette	radio	DVB-S2	3/5	.667		
11.471	V Super	TF 1 Séries Films	TV	DVB-S2	3/4	29.950	Viaccess	French
11.480	H Super	TDF	package	DVB-S2	3/4	3.215		
	Super	Radio Courtoisie	radio	DVB-S2	3/4	3.215		
	Super	RCF Isère	radio	DVB-S2	3/4	3.215		
	Super	RTL	radio	DVB-S2	3/4	3.215		
	Super	RTL 2	radio	DVB-S2	3/4	3.215		
	Super	Fun Radio	radio	DVB-S2	3/4	3.215		
	Super	Radio Classique	radio	DVB-S2	3/4	3.215		
	Super	Europe 1	radio	DVB-S2	3/4	3.215		
	Super	Virgin Radio France	radio	DVB-S2	3/4	3.215		
	Super	RFM	radio	DVB-S2	3/4	3.215		
	Super	RMC	radio	DVB-S2	3/4	3.215		
	Super	BFM Business Radio	radio	DVB-S2	3/4	3.215		
	Super	France Inter	radio	DVB-S2	3/4	3.215		
	Super	France Culture	radio	DVB-S2	3/4	3.215		
	Super	France Musique	radio	DVB-S2	3/4	3.215		
	Super	FIP	radio	DVB-S2	3/4	3.215		
	Super	France Info	radio	DVB-S2	3/4	3.215		
	Super	Mouv'	radio	DVB-S2	3/4	3.215		
	Super	MFM Radio	radio	DVB-S2	3/4	3.215		
	Super	Sud Radio	radio	DVB-S2	3/4	3.215		
11.509	H Super	unknown	package	DVB-S2	8/9	29.500		
	Super	France 2	TV	DVB-S2	8/9	29.500		
	Super	France 3	TV	DVB-S2	8/9	29.500		
	Super	France 4	TV	DVB-S2	8/9	29.500		
	Super	France Ô	TV	DVB-S2	8/9	29.500		
	Super	Franceinfo:	TV	DVB-S2	8/9	29.500		
	Super	unknown	package	DVB-S2	8/9	29.500		
	Super	M6	TV	DVB-S2	8/9	29.500		
	Super	W9	TV	DVB-S2	8/9	29.500		
	Super	ARTE Français	TV	DVB-S2	8/9	29.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Super	France 5	TV	DVB-S2	8/9	29.500		
	Super	6ter	TV	DVB-S2	8/9	29.500		
	Super	unknown	package	DVB-S2	8/9	29.500		
	Super	TF 1	TV	DVB-S2	8/9	29.500		
	Super	NRJ 12	TV	DVB-S2	8/9	29.500		
	Super	TFX	TV	DVB-S2	8/9	29.500		
	Super	TMC	TV	DVB-S2	8/9	29.500		
	Super	LCP TNT	TV	DVB-S2	8/9	29.500		
11.512	V Super	RTL 9	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	Mangas	TV	DVB-S2	3/4	29.950	Viaccess	French
	Super	Bis TV promo	TV	DVB-S2	3/4	29.950		
11.538	H Wide	Divona	interactiv e	DVB-S	7/8	8.681		
11.554	V Super	Fransat Info promo	TV	DVB-S2	3/4	29.950		
11.596	V Super	SFR promo	TV	DVB-S2	2/3	29.950		
	Super	RT France	TV	DVB-S2	2/3	29.950		
11.637	V Super	RAI	package	DVB-S2	3/5	30.000		
	Super	Rai 1	TV	DVB-S2	3/5	30.000		
	Super	Rai 2	TV	DVB-S2	3/5	30.000		
	Super	Rai 3 Liguria	TV	DVB-S2	3/5	30.000		
	Super	Rai News 24	TV	DVB-S2	3/5	30.000		
	Super	Rai Radio 1	radio	DVB-S2	3/5	30.000		
	Super	Rai Radio 2	radio	DVB-S2	3/5	30.000		
	Super	Rai Radio 3	radio	DVB-S2	3/5	30.000		
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	Rai 3 Toscana	TV	DVB-S2	3/5	30.000		
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	Rai 3 Umbria	TV	DVB-S2	3/5	30.000		
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	Rai 3 Lazio	TV	DVB-S2	3/5	30.000		
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	Rai 3 Marche	TV	DVB-S2	3/5	30.000		
	Super	RAI	package	DVB-S2	3/5	30.000		
	Super	Rai 3 Toscana	TV	DVB-S2	3/5	30.000		
11.675	H Super	RAI	package	DVB-S2	2/3	30.000		
	Super	Rai 3 Piemonte	TV	DVB-S2	2/3	30.000		
	Super	RAI	package	DVB-S2	2/3	30.000		
	Super	Rai 3 Lombardia	TV	DVB-S2	2/3	30.000		
	Super	RAI	package	DVB-S2	2/3	30.000		
	Super	Rai 3 Veneto	TV	DVB-S2	2/3	30.000		
	Super	RAI	package	DVB-S2	2/3	30.000		
	Super	Rai 3 Emilia Romagna	TV	DVB-S2	2/3	30.000		
	Super	RAI	package	DVB-S2	2/3	30.000		
	Super	Rai 3 Abruzzo	TV	DVB-S2	2/3	30.000		
	Super	RAI	package	DVB-S2	2/3	30.000		
	Super	Rai 3 Molise	TV	DVB-S2	2/3	30.000		
	Super	RAI	package	DVB-S2	2/3	30.000		
	Super	Rai 3 Basilicata	TV	DVB-S2	2/3	30.000		
	Super	RAI	package	DVB-S2	2/3	30.000		
	Super	Rai 3 Puglia	TV	DVB-S2	2/3	30.000		
	Super	RAI	package	DVB-S2	2/3	30.000		
	Super	Rai 3 Calabria	TV	DVB-S2	2/3	30.000		
	Super	RAI	package	DVB-S2	2/3	30.000		
	Super	Rai 3 Sicilia	TV	DVB-S2	2/3	30.000		
11.679	V Super	France 3	TV	DVB-S2	3/4	29.950	Viaccess	French
12.522	V Super	SFR Sport 1	TV	DVB-S2	2/3	29.950	Viaccess	French
12.564	V Super	Fransat	package	DVB-S2	2/3	29.950		
	Super	Vosges TV	TV	DVB-S2	2/3	29.950		
	Super	KTO	TV	DVB-S2	2/3	29.950		
	Super	Mont Blanc Live TV	TV	DVB-S2	2/3	29.950		
	Super	Berbère TV	TV	DVB-S2	2/3	29.950		
	Super	Berbère Jeunesse	TV	DVB-S2	2/3	29.950		
	Super	Berbère Music	TV	DVB-S2	2/3	29.950		
	Super	France Bleu 107.1	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Alsace	radio	DVB-S2	2/3	29.950		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Super	France Bleu Armorique	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Auxerre	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Azur	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Normandie Calvados - Orne	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Béarn	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Belfort-Montbéliard	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Berry	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Besançon	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Bourgogne	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Breizh Izel	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Champagne-Ardenne	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Cotentin	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Creuse	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Drôme-Ardèche	radio	DVB-S2	2/3	29.950		
	Super	France Bleu RCFM	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Gard Lozère	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Gascogne	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Gironde	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Normandie Seine-Maritime - Eure	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Hérault	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Isère	radio	DVB-S2	2/3	29.950		
	Super	France Bleu La Rochelle	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Limousin	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Loire Océan	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Lorraine Nord	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Maine	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Mayenne	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Nord	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Orléans	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Pays Basque	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Pays d'Auvergne	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Pays de Savoie	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Périgord	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Picardie	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Poitou	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Provence	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Roussillon	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Saint-Étienne Loire	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Sud Lorraine	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Toulouse	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Touraine	radio	DVB-S2	2/3	29.950		
	Super	France Bleu Vaucluse	radio	DVB-S2	2/3	29.950		
	Super	France Inter	radio	DVB-S2	2/3	29.950		
	Super	France Culture	radio	DVB-S2	2/3	29.950		
	Super	France Musique	radio	DVB-S2	2/3	29.950		
	Super	FIP	radio	DVB-S2	2/3	29.950		
	Super	France Info	radio	DVB-S2	2/3	29.950		
	Super	Mouv'	radio	DVB-S2	2/3	29.950		
	Super	BFM Business Radio	radio	DVB-S2	2/3	29.950		
	Super	RMC	radio	DVB-S2	2/3	29.950		
	Super	Nostalgie	radio	DVB-S2	2/3	29.950		
	Super	NRJ France	radio	DVB-S2	2/3	29.950		
	Super	Rire & Chansons	radio	DVB-S2	2/3	29.950		
	Super	Chérie FM	radio	DVB-S2	2/3	29.950		
	Super	Europe 1	radio	DVB-S2	2/3	29.950		
	Super	Virgin Radio France	radio	DVB-S2	2/3	29.950		
	Super	RFM	radio	DVB-S2	2/3	29.950		
	Super	Africa N° 1 Libreville	radio	DVB-S2	2/3	29.950		
	Super	Berbère Radio	radio	DVB-S2	2/3	29.950		Ber
	Super	Antinéa Radio	radio	DVB-S2	2/3	29.950		Ber
	Super	RCF National	radio	DVB-S2	2/3	29.950		
	Super	Metropolys	radio	DVB-S2	2/3	29.950		
12.585	H Super	Premium Joi	TV	DVB-S2	2/3	35.000	Nagravision	Italian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang	
12.606	V Super	Cairo Communication	package	DVB-S2	2/3	35.000			
	Super	La 7	TV	DVB-S2	2/3	35.000			
	Super	La 7 d	TV	DVB-S2	2/3	35.000			
	Super	La 7	TV	DVB-S2	2/3	35.000			
	Super	R101 TV	TV	DVB-S2	2/3	35.000			
	Super	Canale 5	TV	DVB-S2	2/3	35.000			
	Super	Italia 1	TV	DVB-S2	2/3	35.000			
	Super	R101	radio	DVB-S2	2/3	35.000			
	Super	Radio 105	radio	DVB-S2	2/3	35.000			
	Super	Virgin Radio Italia	radio	DVB-S2	2/3	35.000			
12.627	H Super	Zelig	TV	DVB-S2	2/3	35.000			
	Super	Sportitalia	TV	DVB-S2	2/3	35.000			
	Super	Padre Pio TV	TV	DVB-S2	2/3	35.000			
	Super	Radio Zeta Radiovisione	TV	DVB-S2	2/3	35.000			
12.648	V Super	TF 1 Séries Films	TV	DVB-S2	8/9	29.500			
	Super	L'Équipe	TV	DVB-S2	8/9	29.500			
	Super	Chérie 25	TV	DVB-S2	8/9	29.500			
	Super	RMC Découverte	TV	DVB-S2	8/9	29.500			
	Super	Numéro 23	TV	DVB-S2	8/9	29.500			
	Super	C8	TV	DVB-S2	8/9	29.500			
	Super	BFM TV	TV	DVB-S2	8/9	29.500			
	Super	C News	TV	DVB-S2	8/9	29.500			
	Super	C Star	TV	DVB-S2	8/9	29.500			
	Super	Gulli	TV	DVB-S2	8/9	29.500			
	Super	LCI	TV	DVB-S2	8/9	29.500			
	Super	Paris Première	TV	DVB-S2	8/9	29.500			
	12.669	H Super	Mediaset	package	DVB-S2	2/3	35.000		
		Super	Rete 4	TV	DVB-S2	2/3	35.000		
Super		Canale 5	TV	DVB-S2	2/3	35.000			
Super		Italia 1	TV	DVB-S2	2/3	35.000			
Super		La 5	TV	DVB-S2	2/3	35.000			
Super		TGCom 24	TV	DVB-S2	2/3	35.000			
Super		Iris	TV	DVB-S2	2/3	35.000			
Super		Mediaset	package	DVB-S2	2/3	35.000			
Super		Boing Italia	TV	DVB-S2	2/3	35.000			
Super		Cartoonito Italia	TV	DVB-S2	2/3	35.000			
Super		20 promo	TV	DVB-S2	2/3	35.000		Italian	
Super		Food Network Italia	TV	DVB-S2	2/3	35.000			
Super		QVC Italia	TV	DVB-S2	2/3	35.000			
Super		Top Crime	TV	DVB-S2	2/3	35.000			
Super		Italia 2	TV	DVB-S2	2/3	35.000		Italian	
Super		Mediaset Extra	TV	DVB-S2	2/3	35.000			
12.690		V Super	Fransat	package	DVB-S2	3/4	29.950		
	Super	Label TV	TV	DVB-S2	3/4	29.950		French	
	Super	France Bleu 107.1	radio	DVB-S2	3/4	29.950			
	Super	France Bleu Alsace	radio	DVB-S2	3/4	29.950			
	Super	France Bleu Armorique	radio	DVB-S2	3/4	29.950			
	Super	France Bleu Auxerre	radio	DVB-S2	3/4	29.950			
	Super	France Bleu Azur	radio	DVB-S2	3/4	29.950			
	Super	France Bleu Normandie Calvados - Orne	radio	DVB-S2	3/4	29.950			
	Super	France Bleu Béarn	radio	DVB-S2	3/4	29.950			
	Super	France Bleu Belfort-Montbéliard	radio	DVB-S2	3/4	29.950			
	Super	France Bleu Berry	radio	DVB-S2	3/4	29.950			
	Super	France Bleu Besançon	radio	DVB-S2	3/4	29.950			
	Super	France Bleu Bourgogne	radio	DVB-S2	3/4	29.950			
	Super	France Bleu Breizh Izel	radio	DVB-S2	3/4	29.950			
	Super	France Bleu Champagne-Ardenne	radio	DVB-S2	3/4	29.950			
	Super	France Bleu Cotentin	radio	DVB-S2	3/4	29.950			
	Super	France Bleu Creuse	radio	DVB-S2	3/4	29.950			
	Super	France Bleu Drôme-Ardèche	radio	DVB-S2	3/4	29.950			
	Super	France Bleu RCFM	radio	DVB-S2	3/4	29.950			
	Super	France Bleu Gard Lozère	radio	DVB-S2	3/4	29.950			
	Super	France Bleu Gascogne	radio	DVB-S2	3/4	29.950			
	Super	France Bleu Gironde	radio	DVB-S2	3/4	29.950			

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Super	France Bleu Normandie Seine-Maritime - Eure	radio	DVB-S2	3/4	29.950		
	Super	France Bleu Hérault	radio	DVB-S2	3/4	29.950		
	Super	France Bleu Isère	radio	DVB-S2	3/4	29.950		
	Super	France Bleu La Rochelle	radio	DVB-S2	3/4	29.950		
	Super	France Bleu Limousin	radio	DVB-S2	3/4	29.950		
	Super	France Bleu Loire Océan	radio	DVB-S2	3/4	29.950		
	Super	France Bleu Lorraine Nord	radio	DVB-S2	3/4	29.950		
	Super	France Bleu Maine	radio	DVB-S2	3/4	29.950		
	Super	France Bleu Mayenne	radio	DVB-S2	3/4	29.950		
	Super	France Bleu Nord	radio	DVB-S2	3/4	29.950		
	Super	France Bleu Orléans	radio	DVB-S2	3/4	29.950		
	Super	France Bleu Pays Basque	radio	DVB-S2	3/4	29.950		
	Super	France Bleu Pays d'Auvergne	radio	DVB-S2	3/4	29.950		
	Super	France Bleu Pays de Savoie	radio	DVB-S2	3/4	29.950		
	Super	France Bleu Périgord	radio	DVB-S2	3/4	29.950		
	Super	France Bleu Picardie	radio	DVB-S2	3/4	29.950		
	Super	France Bleu Poitou	radio	DVB-S2	3/4	29.950		
	Super	France Bleu Provence	radio	DVB-S2	3/4	29.950		
	Super	France Bleu Roussillon	radio	DVB-S2	3/4	29.950		
	Super	France Bleu Saint-Étienne Loire	radio	DVB-S2	3/4	29.950		
	Super	France Bleu Sud Lorraine	radio	DVB-S2	3/4	29.950		
	Super	France Bleu Toulouse	radio	DVB-S2	3/4	29.950		
	Super	France Bleu Touraine	radio	DVB-S2	3/4	29.950		
	Super	France Bleu Vaucluse	radio	DVB-S2	3/4	29.950		
	Super	FIIP	radio	DVB-S2	3/4	29.950		
	Super	France Bleu	radio	DVB-S2	3/4	29.950		
	Super	Radio Espérance	radio	DVB-S2	3/4	29.950		
	Super	RCF Pays de l'Ain	radio	DVB-S2	3/4	29.950		
	Super	RCF Ardèche	radio	DVB-S2	3/4	29.950		
	Super	RCF Pays d'Aude	radio	DVB-S2	3/4	29.950		
	Super	RCF en Berry	radio	DVB-S2	3/4	29.950		
	Super	RCF Corrèze	radio	DVB-S2	3/4	29.950		
	Super	RCF Drôme	radio	DVB-S2	3/4	29.950		
	Super	RCF Loir-et-Cher	radio	DVB-S2	3/4	29.950		
	Super	RCF Savoie	radio	DVB-S2	3/4	29.950		
	Super	RCF National	radio	DVB-S2	3/4	29.950		
	Super	RCF Lyon	radio	DVB-S2	3/4	29.950		
	Super	RCF Haute-Loire	radio	DVB-S2	3/4	29.950		
	Super	RCF Vaucluse	radio	DVB-S2	3/4	29.950		
	Super	RCF en Bourgogne	radio	DVB-S2	3/4	29.950		
	Super	RCF Touraine	radio	DVB-S2	3/4	29.950		
	Super	RCF Reims-Ardenne	radio	DVB-S2	3/4	29.950		
	Super	RCF Haute-Normandie	radio	DVB-S2	3/4	29.950		
	Super	RCF Haute-Savoie	radio	DVB-S2	3/4	29.950		
	Super	RCF Allier	radio	DVB-S2	3/4	29.950		
	Super	RCF Bordeaux	radio	DVB-S2	3/4	29.950		
	Super	RCF Alpes-Provence	radio	DVB-S2	3/4	29.950		
	Super	RCF Besançon	radio	DVB-S2	3/4	29.950		
	Super	RCF Aube Haute-Marne	radio	DVB-S2	3/4	29.950		
	Super	RCF Poitou	radio	DVB-S2	3/4	29.950		
	Super	RCF Marne et Meuse	radio	DVB-S2	3/4	29.950		
12.711	H Wide	Cairo Communication	package	DVB-S2	3/4	35.500		
	Wide	La 7	TV	DVB-S2	3/4	35.500		
	Wide	La 7 d	TV	DVB-S2	3/4	35.500		
	Wide	La 7	TV	DVB-S2	3/4	35.500		

EUTELSAT 3B

3.667	R Global	Clouds TV	TV	DVB-S2	5/6	1.547
	Global	Clouds FM	radio	DVB-S2	5/6	1.547
	Global	Choice FM	radio	DVB-S2	5/6	1.547
3.698	R Global	IMPD TV Worldwide	TV	DVB-S2	3/4	2.140
3.717	L Global	RTB TV	TV	DVB-S2	5/6	1.917
3.729	L Global	Burkina Faso mux	package	DVB-S2	3/5	16.833
	Global	RTB TV	TV	DVB-S2	3/5	16.833

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Global	RTB Zenit	TV	DVB-S2	3/5	16.833		
	Global	SMTV	TV	DVB-S2	3/5	16.833		
	Global	TVZ Africa	TV	DVB-S2	3/5	16.833		
	Global	Canal 3	TV	DVB-S2	3/5	16.833		
	Global	BF1	TV	DVB-S2	3/5	16.833		
	Global	Burkina Info TV	TV	DVB-S2	3/5	16.833		
	Global	ImpacTV	TV	DVB-S2	3/5	16.833		
	Global	TV Maria	TV	DVB-S2	3/5	16.833		
	Global	TV Al Houda	TV	DVB-S2	3/5	16.833		
	Global	El-Bethel TV	TV	DVB-S2	3/5	16.833		
	Global	3 TV	TV	DVB-S2	3/5	16.833		
	Global	Omega TV	TV	DVB-S2	3/5	16.833		
	Global	Savane TV	TV	DVB-S2	3/5	16.833		
	Global	LCA	TV	DVB-S2	3/5	16.833		
	Global	Tele du Parlement	TV	DVB-S2	3/5	16.833		French
3.740	L Global	ENN	TV	DVB-S	3/4	2.222		
3.779	L Global	Rede Internacional de TV	TV	DVB-S2	5/6	3.200		Portuguese
3.797	L Global	Tigrai TV	TV	DVB-S	2/3	2.442		
	Global	Tigrai Radio	radio	DVB-S	2/3	2.442		
4.029	L Global	Amen TV Sat	TV	DVB-S2	2/3	1.125		
4.031	L Global	Power TV	TV	DVB-S	7/8	1.100		
4.034	L Global	Vox TV	TV	DVB-S2	2/3	1.082		
4.036	L Global	CMR 7 TV	TV	DVB-S2	2/3	1.124		
4.050	L Global	TVGE	package	DVB-S2	2/3	5.500		
	Global	TVGE	TV	DVB-S2	2/3	5.500		
	Global	TVGE Internacional	TV	DVB-S2	2/3	5.500		
4.081	L Global	unknown	package	DVB-S2	2/3	44.490		
	Global	TVGE	TV	DVB-S2	2/3	44.490		
	Global	TVGE Internacional	TV	DVB-S2	2/3	44.490		
	Global	Asonga TV	TV	DVB-S2	2/3	44.490		
	Global	Afrique Média	TV	DVB-S2	2/3	44.490		
	Global	Africa 24	TV	DVB-S2	2/3	44.490		
	Global	EuroNews Español	TV	DVB-S2	2/3	44.490		
	Global	Canal 24 Horas	TV	DVB-S2	2/3	44.490		
	Global	TVE Internacional Europa	TV	DVB-S2	2/3	44.490		
	Global	CGTN Español	TV	DVB-S2	2/3	44.490		
	Global	RT Español	TV	DVB-S2	2/3	44.490		
	Global	NTN 24 Internacional	TV	DVB-S2	2/3	44.490		
	Global	Antena 3 Internacional	TV	DVB-S2	2/3	44.490		
	Global	Atreseries	TV	DVB-S2	2/3	44.490		
	Global	Telesur	TV	DVB-S2	2/3	44.490		
	Global	Cubavisión Internacional	TV	DVB-S2	2/3	44.490		
	Global	Telemedellín	TV	DVB-S2	2/3	44.490		
	Global	Destinos TV	TV	DVB-S2	2/3	44.490		
	Global	Fashion Television Africa	TV	DVB-S2	2/3	44.490		
	Global	Maya TV	TV	DVB-S2	2/3	44.490		
	Global	Trendy Channel	TV	DVB-S2	2/3	44.490		
	Global	Encuentro Internacional	TV	DVB-S2	2/3	44.490		
	Global	Az Clic	TV	DVB-S2	2/3	44.490		
	Global	Az Mundo	TV	DVB-S2	2/3	44.490		
	Global	Azteca Internacional	TV	DVB-S2	2/3	44.490		
	Global	Az Corazón	TV	DVB-S2	2/3	44.490		
	Global	RCN Telenovelas	TV	DVB-S2	2/3	44.490		
	Global	Tlnovelas América	TV	DVB-S2	2/3	44.490		
	Global	De Película	TV	DVB-S2	2/3	44.490		
	Global	TeleHit	TV	DVB-S2	2/3	44.490		
	Global	Zoom	TV	DVB-S2	2/3	44.490		
	Global	Las Estrellas Latinoamérica	TV	DVB-S2	2/3	44.490		
	Global	Mi Gente TV	TV	DVB-S2	2/3	44.490		
	Global	Cantinazo TV	TV	DVB-S2	2/3	44.490		
	Global	Teleantioquia	TV	DVB-S2	2/3	44.490		
	Global	Telepacífico	TV	DVB-S2	2/3	44.490		
	Global	Canal Antiestrés	TV	DVB-S2	2/3	44.490		
	Global	RMS	TV	DVB-S2	2/3	44.490		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Global	Rumba TV	TV	DVB-S2	2/3	44.490		
	Global	Fox Sports Africa	TV	DVB-S2	2/3	44.490		
	Global	Real Madrid TV Español	TV	DVB-S2	2/3	44.490		
	Global	Fox Sports 2 Africa	TV	DVB-S2	2/3	44.490		
	Global	CGTN Documentary	TV	DVB-S2	2/3	44.490		
	Global	CCTV 4 Europe	TV	DVB-S2	2/3	44.490		
	Global	CGTN	TV	DVB-S2	2/3	44.490		
	Global	Aljazeera English	TV	DVB-S2	2/3	44.490		
11.050	V Steerable	Zim Digital	package	DVB-S2	?	17.054		
	Steerable	Zim Digital Sports	TV	DVB-S2	?	17.054		
	Steerable	Zim Digital Sports	TV	DVB-S2	?	17.054		
	Steerable	Zim Docs	TV	DVB-S2	?	17.054		
	Steerable	Zim Docs	TV	DVB-S2	?	17.054		
	Steerable	Zim Digital Entertainment	TV	DVB-S2	?	17.054		
	Steerable	Zim Digital Entertainment	TV	DVB-S2	?	17.054		
	Steerable	Power FM	radio	DVB-S2	?	17.054		
11.087	H Steerable	Zim Digital	package	DVB-S2	?	17.054		
	Steerable	ZBC TV	TV	DVB-S2	?	17.054		
	Steerable	ZBC TV	TV	DVB-S2	?	17.054		
	Steerable	Zim Series	TV	DVB-S2	?	17.054		
	Steerable	Zim Series	TV	DVB-S2	?	17.054		
	Steerable	Radio Zimbabwe	radio	DVB-S2	?	17.054		
11.455	H Europe	Libya Alhadath	TV	DVB-S2	3/4	Y 1.510		Arabic
11.456	V Europe	Libya Alrasmia Channel	TV	DVB-S	3/4	2.220		Arabic
11.459	V Europe	Alrased	TV	DVB-S2	5/6	2.220		
11.461	V Europe	Alshaab TV	TV	DVB-S2	5/6	1.000		Arabic
11.462	H Europe	Waad 101.1 FM	radio	DVB-S	5/6	1.146		
11.463	V Europe	Alghadeer TV	TV	DVB-S	3/4	2.220		Arabic
11.476	H Europe	Alikhbaria Syria	TV	DVB-S	3/4	2.600		
11.481	H Steerable	unknown	package	DVB-S	?	45.000		
	Steerable	Gabon TV	TV	DVB-S	?	45.000		
	Steerable	Télé Africa	TV	DVB-S	?	45.000		
	Steerable	TV 5 Monde Afrique	TV	DVB-S	?	45.000		
	Steerable	France 24 Français	TV	DVB-S	?	45.000		
	Steerable	Kanal 7	TV	DVB-S	?	45.000		
	Steerable	Gabon 24	TV	DVB-S	?	45.000		
	Steerable	MTA 1	TV	DVB-S	?	45.000		
	Steerable	Voxafrica Afrique	TV	DVB-S	?	45.000		
	Steerable	Africa 24	TV	DVB-S	?	45.000		
	Steerable	Stad'Afric	TV	DVB-S	?	45.000		
	Steerable	Afrique Média	TV	DVB-S	?	45.000		
	Steerable	Renaissance TV	TV	DVB-S	?	45.000		
	Steerable	Africa N° 1 Paris	radio	DVB-S	?	45.000		
11.485	H Europe	Almawqef TV	TV	DVB-S2	3/4	1.477		
11.488	H Europe	Asia News TV	TV	DVB-S2	3/4	1.860		
11.496	V Europe	IRIB	package	DVB-S2	3/4	9.720		
	Europe	Hispan TV	TV	DVB-S2	3/4	9.720		
	Europe	Alalam News Channel	TV	DVB-S2	3/4	9.720		
	Europe	Press TV	TV	DVB-S2	3/4	9.720		
	Europe	IFilm 2	TV	DVB-S2	3/4	9.720		
	Europe	Alalam News Channel	TV	DVB-S2	3/4	9.720		
	Europe	IFilm Arabic	TV	DVB-S2	3/4	9.720		
	Europe	IRIB World Service Radio 1	radio	DVB-S2	3/4	9.720		
	Europe	IRIB World Service Radio 2	radio	DVB-S2	3/4	9.720		
	Europe	IRIB World Service Radio 3	radio	DVB-S2	3/4	9.720		
	Europe	IRIB World Service Radio 4	radio	DVB-S2	3/4	9.720		
	Europe	IRIB World Service Radio 5	radio	DVB-S2	3/4	9.720		
	Europe	IRIB World Service Radio 6	radio	DVB-S2	3/4	9.720		
	Europe	IRIB World Service Radio 7	radio	DVB-S2	3/4	9.720		
11.507	V Europe	Sama TV	TV	DVB-S2	3/4	1.830		
11.606	V Europe	LuaLua TV	TV	DVB-S2	3/4	1.480		
11.610	V Europe	Altaleaa TV	TV	DVB-S2	8/9	1.496		
11.612	V Europe	Asia Network TV	TV	DVB-S2	3/4	1.851		Arabic
11.642	H Europe	Assirat TV	TV	DVB-S2	3/4	1.111		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
11.645	H Europe	Alahad TV	TV	DVB-S2	5/6	2.220		
11.651	H Europe	Aden TV	TV	DVB-S	3/4	1.482		Arabic
11.669	V Europe	IBN	TV	DVB-S2	3/4	1.500		
11.671	V Europe	Baeynat Satellite Channel	TV	DVB-S2	3/4	1.500		
11.673	V Europe	An Najaf Al Ashraf	TV	DVB-S	2/3	1.850		
11.676	V Europe	unknown	package	DVB-S2	5/6	2.850		
	Europe	IRT	TV	DVB-S2	5/6	2.850		
	Europe	Central Asia TV	TV	DVB-S2	5/6	2.850		
11.682	V Europe	Diwan TV	TV	DVB-S2	5/6	1.667		
11.697	V Europe	Thaqalayn TV	TV	DVB-S2	2/3	1.500		
12.505	H Europe	Al Eshraq TV	TV	DVB-S2	3/4	1.600		
12.526	H Europe	2M	package	DVB-S2	3/4	4.444	BISS	
	Europe	2M National	TV	DVB-S2	3/4	4.444	BISS	
	Europe	2M Monde	TV	DVB-S2	3/4	4.444		
	Europe	2M Monde	TV	DVB-S2	3/4	4.444	BISS	
	Europe	Radio 2M	radio	DVB-S2	3/4	4.444		
12.531	H Europe	Elhiwar Ettouns TV	TV	DVB-S2	5/6	2.115		
12.551	V Europe	Al-Naeem TV	TV	DVB-S2	5/6	1.500		
	Europe	Radio Alamal FM	radio	DVB-S2	5/6	1.500		
12.560	V Europe	Al Wifaq TV	TV	DVB-S2	3/4	1.500		Arabic
12.562	V Europe	Velayat TV Network	TV	DVB-S2	3/4	1.500		Farsi
12.571	V Europe	Libya Sport 1	TV	DVB-S2	5/6	1.667		
12.574	V Europe	Aljamaiya Satellite Channel	TV	DVB-S2	3/4	1.447		
12.576	V Europe	Nessma	TV	DVB-S2	2/3	1.515		
12.702	H Europe	Digea	package	DVB-S2	3/5	13.960	BISS	
	Europe	Alpha TV	TV	DVB-S2	3/5	Y 13.960	BISS	
	Europe	Ant1	TV	DVB-S2	3/5	Y 13.960	BISS	
	Europe	Epsilon TV	TV	DVB-S2	3/5	13.960	BISS	
12.720	H Europe	Digea	package	DVB-S2	3/5	13.960	BISS	
	Europe	Makedonia TV	TV	DVB-S2	3/5	Y 13.960	BISS	
	Europe	Mega TV	TV	DVB-S2	3/5	Y 13.960	BISS	
	Europe	SKAĪ Tileorasi	TV	DVB-S2	3/5	13.960	BISS	
	Europe	Star Channel	TV	DVB-S2	3/5	Y 13.960	BISS	
12.734	V Europe	ERT	package	DVB-S2	3/5	16.750	BISS	
	Europe	ERT 1	TV	DVB-S2	3/5	16.750	BISS	
	Europe	ERT 2	TV	DVB-S2	3/5	16.750	BISS	
	Europe	Vouli Tileorasi	TV	DVB-S2	3/5	16.750		
	Europe	ERT 1	TV	DVB-S2	3/5	16.750	BISS	
	Europe	ERT 3	TV	DVB-S2	3/5	16.750		
	Europe	Proto Programma	radio	DVB-S2	3/5	16.750		
	Europe	Kosmos	radio	DVB-S2	3/5	16.750		
	Europe	Trito Programma	radio	DVB-S2	3/5	16.750		
	Europe	Deftero Programma	radio	DVB-S2	3/5	16.750		
	Europe	ERA Spor	radio	DVB-S2	3/5	16.750		
	Europe	I Foni tis Elladas	radio	DVB-S2	3/5	16.750		
12.737	H Europe	Zadruga TV	TV	DVB-S	3/4	2.930	BISS	

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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		
	Europe B	BBC World Service English Australasia	radio	DVB-S	3/4	27.500		
	Europe B	BBC World Service English News	radio	DVB-S	3/4	27.500		
	Europe B	BBC World Service Arabic	radio	DVB-S	3/4	27.500		
	Europe B	BBC World Service Afghanistan	radio	DVB-S	3/4	27.500		
	Europe B	OpenSky	interactive	DVB-S	3/4	27.500		
10.762	V Europe B	Digiturk	package	DVB-S	3/4	30.000		
	Europe B	TRT Avaz	TV	DVB-S	3/4	30.000		Tuk
	Europe B	TRT Okul	TV	DVB-S	3/4	30.000		Tuk
	Europe B	TRT Arapça	TV	DVB-S	3/4	30.000		Tuk
	Europe B	TRT Belgesel	TV	DVB-S	3/4	Y 30.000		Tuk
	Europe B	TRT Türk	TV	DVB-S	3/4	30.000		Tuk
	Europe B	TRT Kurdî	TV	DVB-S	3/4	30.000		
	Europe B	TRT Spor	TV	DVB-S	3/4	30.000		Tuk

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	TBMM TV	TV	DVB-S	3/4	30.000		Tuk
	Europe B	TRT Haber	TV	DVB-S	3/4	Y 30.000		Tuk
	Europe B	TRT Diyanet	TV	DVB-S	3/4	30.000		Tuk
	Europe B	TRT Müzik	TV	DVB-S	3/4	30.000		Tuk
	Europe B	TRT Çocuk	TV	DVB-S	3/4	30.000		Tuk
	Europe B	TRT Spor	TV	DVB-S	3/4	30.000		Tuk
10.804	H Europe B	MTV Live HD	TV	DVB-S2	5/6	30.000	Irdeto	English
10.845	V Europe B	Digiturk	package	DVB-S2	5/6	30.000	Irdeto	
	Europe B	BJK TV	TV	DVB-S2	5/6	30.000	Irdeto	Tuk
	Europe B	BeIn Movies Family	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	Ülke TV	TV	DVB-S2	5/6	30.000	Irdeto	Tuk
	Europe B	TRT Belgesel	TV	DVB-S2	5/6	30.000		Tuk
	Europe B	TV 8.5	TV	DVB-S2	5/6	30.000	Irdeto	Tuk
	Europe B	A2	TV	DVB-S2	5/6	30.000	Irdeto	Tuk
	Europe B	Habertürk	TV	DVB-S2	5/6	30.000	Irdeto	Tuk
	Europe B	A News	TV	DVB-S2	5/6	30.000	Irdeto	
	Europe B	Sony Channel Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	Tuk
10.887	V Europe B	Digiturk	package	DVB-S2	5/6	30.000	Irdeto	
	Europe B	BeIn Sports 1 Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	BeIn Sports Max 1 Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	TRT World	TV	DVB-S2	5/6	30.000		
10.928	V Europe B	Digiturk	package	DVB-S2	5/6	30.000	Irdeto	
	Europe B	BeIn Movies Premiere 2	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	Discovery Science Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	Nat Geo People	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	Bloomberg HT	TV	DVB-S2	5/6	30.000	Irdeto	Tuk
	Europe B	24 TV	TV	DVB-S2	5/6	30.000	Irdeto	Tuk
	Europe B	Digi Kanal	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
11.221	H Europe A	Eutelsat	package	DVB-S	3/4	27.500		
	Europe A	Kaleme TV	TV	DVB-S	3/4	27.500		
	Europe A	Manoto	TV	DVB-S	3/4	27.500		
	Europe A	Pars TV	TV	DVB-S	3/4	27.500		
	Europe A	Erfan Halgheh TV	TV	DVB-S	3/4	27.500		
	Europe A	Channel Yek	TV	DVB-S	3/4	27.500		Farsi
	Europe A	TFM	TV	DVB-S	3/4	27.500		
	Europe A	Iran International	TV	DVB-S	3/4	27.500		
	Europe A	RTS 1	TV	DVB-S	3/4	27.500		
	Europe A	TPA Internacional	TV	DVB-S	3/4	27.500		
	Europe A	Iranefarda TV	TV	DVB-S	3/4	27.500		
	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	Soft Pop	radio	DVB-S	3/4	27.500		
	Europe A	RFM	radio	DVB-S	3/4	27.500		
	Europe A	Rádio Luanda	radio	DVB-S	3/4	27.500		
	Europe A	Canal A	radio	DVB-S	3/4	27.500		
	Europe A	Radio Sénégal International	radio	DVB-S	3/4	27.500		
	Europe A	La Radio Plus	radio	DVB-S	3/4	27.500		
11.471	H Europe B	Slow Türk	radio	DVB-S2	5/6	30.000		Tuk
	Europe B	Metro FM	radio	DVB-S2	5/6	30.000		Tuk
	Europe B	TRT Radyo 3	radio	DVB-S2	5/6	30.000		Tuk
	Europe B	Süper FM	radio	DVB-S2	5/6	30.000		Tuk
	Europe B	Show Radyo	radio	DVB-S2	5/6	30.000		Tuk
	Europe B	Alem FM	radio	DVB-S2	5/6	30.000		Tuk
	Europe B	Radyo Viva	radio	DVB-S2	5/6	30.000		Tuk
	Europe B	JoyTurk	radio	DVB-S2	5/6	30.000		Tuk
	Europe B	TRT Nagme	radio	DVB-S2	5/6	30.000		Tuk
	Europe B	TRT Türkü	radio	DVB-S2	5/6	30.000		Tuk
	Europe B	TRT FM	radio	DVB-S2	5/6	30.000		Tuk
	Europe B	Radio Slow Time	radio	DVB-S2	5/6	30.000		Tuk
	Europe B	Baba Radyo	radio	DVB-S2	5/6	30.000		Tuk
	Europe B	Best FM	radio	DVB-S2	5/6	30.000		Tuk
	Europe B	Kral FM	radio	DVB-S2	5/6	30.000		Tuk

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	Kral Pop Radyo	radio	DVB-S2	5/6	30.000		Tuk
	Europe B	Greek Songs	radio	DVB-S2	5/6	30.000		
	Europe B	Joy FM	radio	DVB-S2	5/6	30.000		Tuk
	Europe B	Radyo 7	radio	DVB-S2	5/6	30.000		Tuk
	Europe B	Masal Radyo	radio	DVB-S2	5/6	30.000		Tuk
11.492	V Europe B	EuroStar	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	TRT Çocuk	TV	DVB-S2	5/6	30.000		Tuk
	Europe B	CNN Türk	TV	DVB-S2	5/6	30.000	Irdeto	Tuk
	Europe B	NTV Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	Tuk
	Europe B	360	TV	DVB-S2	5/6	30.000		Turkish
11.534	V Europe B	Baby TV Europe	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	TRT 1	TV	DVB-S2	5/6	30.000		Tuk
	Europe B	Cartoon Network Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
11.554	H Europe B	360	TV	DVB-S2	5/6	30.000		Tuk
11.575	V Europe B	Halk TV	TV	DVB-S	3/4	30.000		Tuk
11.596	H Europe B	Rai 1	TV	DVB-S2	5/6	30.000	Irdeto	Italian
	Europe B	BBC World News Europe	TV	DVB-S2	5/6	30.000	Irdeto	English
11.617	V Europe B	Digiturk	package	DVB-S2	5/6	30.000	Irdeto	
	Europe B	CBeebies Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	BBC Earth Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	Turkish,English
11.637	H Europe B	TRT 1	TV	DVB-S2	5/6	30.000		Tuk
	Europe B	TRT Spor	TV	DVB-S2	5/6	30.000		Tuk
	Europe B	TRT Haber	TV	DVB-S2	5/6	30.000		Tuk
11.678	H Europe B	DMAX Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
	Europe B	TJK TV	TV	DVB-S2	5/6	30.000		Tuk
	Europe B	Lifetime Türkiye	TV	DVB-S2	5/6	30.000	Irdeto	Turkish
12.728	H Africa	Free2View	package	DVB-S	5/6	30.000		
	Africa	RTS 1	TV	DVB-S	5/6	30.000		
	Africa	ORTC TV	TV	DVB-S	5/6	30.000		
	Africa	TPA Internacional	TV	DVB-S	5/6	30.000		
	Africa	ORTC Radio	radio	DVB-S	5/6	30.000		
	Africa	Radio Sénégal International	radio	DVB-S	5/6	30.000		
	Africa	Canal A	radio	DVB-S	5/6	30.000		
	Africa	Rádio Luanda	radio	DVB-S	5/6	30.000		
	Africa	Radio Vaovao Mahaso	radio	DVB-S	5/6	30.000		
21.565	H Europe C	2S TV	TV	DVB-S2	2/3	1.100		French
21.567	H Europe C	QTV Gambia	TV	DVB-S2	2/3	1.100		
21.568	H Europe C	Bantamba TV	TV	DVB-S2	2/3	1.100		
21.571	H Europe C	TPA Internacional	TV	DVB-S	2/3	2.441		
	Europe C	Rádio Luanda	radio	DVB-S	2/3	2.441		
	Europe C	Canal A	radio	DVB-S	2/3	2.441		

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10.721	H Europe B	IVG	package	DVB-S	3/4	22.000		
	Africa	Kwesé	package	DVB-S2	2/3	29.985		
	Europe B	BBC Persian	TV	DVB-S	3/4	22.000		
	Africa	Kwesé Info	TV	DVB-S2	2/3	29.985		
	Europe B	Simay-Azadi Iran National TV	TV	DVB-S	3/4	22.000		
	Africa	Kwesé Stories	TV	DVB-S2	2/3	29.985		
	Europe B	TBN Nejat TV	TV	DVB-S	3/4	22.000		
	Africa	Kwesé Movies 1	TV	DVB-S2	2/3	29.985		
	Europe B	Alhawza Alilmiiyya TV	TV	DVB-S	3/4	22.000		
	Africa	Kwesé Movies 2	TV	DVB-S2	2/3	29.985		
	Europe B	Tasvir Iran TV	TV	DVB-S	3/4	22.000		
	Africa	Kwesé Movies 3	TV	DVB-S2	2/3	29.985		
	Europe B	TV Azadi	TV	DVB-S	3/4	22.000		
	Africa	Kwesé Know	TV	DVB-S2	2/3	29.985		
	Europe B	Angel TV	TV	DVB-S	3/4	22.000		
	Africa	Kwesé Inc.	TV	DVB-S2	2/3	29.985		
	Europe B	Manoto	TV	DVB-S	3/4	22.000		
	Africa	Kwesé Kids	TV	DVB-S2	2/3	29.985		
	Europe B	Imam Hussein TV 1	TV	DVB-S	3/4	22.000		
	Africa	Kwesé Free Sports	TV	DVB-S2	2/3	29.985		
	Europe B	Rangarang TV Network	TV	DVB-S	3/4	22.000		
	Africa	Kwesé Free Sports Zambia	TV	DVB-S2	2/3	29.985		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	Start FM	radio	DVB-S	3/4	22.000		
	Africa	Kwesé Free Sports Rwanda	TV	DVB-S2	2/3	29.985		
	Europe B	Syria Radio Network	radio	DVB-S	3/4	22.000		
	Africa	Kwesé Prime	TV	DVB-S2	2/3	29.985		
	Africa	Kwesé Sports 1	TV	DVB-S2	2/3	29.985		
	Africa	Kwesé Sports 2	TV	DVB-S2	2/3	29.985		
	Africa	ESPN Africa	TV	DVB-S2	2/3	29.985		
10.762	H Africa	Kwesé	package	DVB-S2	2/3	29.985		
	Africa	TVC News Nigeria	TV	DVB-S2	2/3	29.985		
	Africa	Africanews	TV	DVB-S2	2/3	29.985		
	Africa	Aljazeera English	TV	DVB-S2	2/3	29.985		
	Africa	Rwanda TV	TV	DVB-S2	2/3	29.985		
	Africa	Passion	TV	DVB-S2	2/3	29.985		
	Africa	Revolt	TV	DVB-S2	2/3	29.985		
	Africa	BBC World News Africa	TV	DVB-S2	2/3	29.985		
	Africa	France 24 English	TV	DVB-S2	2/3	29.985		
	Africa	NBA TV	TV	DVB-S2	2/3	29.985		
	Africa	LFC TV	TV	DVB-S2	2/3	29.985		
	Africa	Dove TV	TV	DVB-S2	2/3	29.985		
	Africa	ITV Networks	TV	DVB-S2	2/3	29.985		
	Africa	EWTN Africa & Asia	TV	DVB-S2	2/3	29.985		
	Africa	DW English	TV	DVB-S2	2/3	29.985		
	Africa	CNN International Europe	TV	DVB-S2	2/3	29.985		
	Africa	Hillsong Channel	TV	DVB-S2	2/3	29.985		
	Africa	CNBC Africa	TV	DVB-S2	2/3	29.985		
	Africa	Hip TV	TV	DVB-S2	2/3	29.985		
	Africa	KTN Home	TV	DVB-S2	2/3	29.985		
10.845	H Africa	Kwesé	package	DVB-S2	2/3	29.985		
	Africa	JimJam Europe	TV	DVB-S2	2/3	29.985		
	Africa	AMC Africa	TV	DVB-S2	2/3	29.985		
	Africa	The Box Africa	TV	DVB-S2	2/3	29.985		
	Africa	Fashion Television Africa	TV	DVB-S2	2/3	29.985		
	Africa	Fine Living	TV	DVB-S2	2/3	29.985		
	Africa	Travel Channel Europe	TV	DVB-S2	2/3	29.985		
	Africa	Bloomberg TV Africa	TV	DVB-S2	2/3	29.985		
	Africa	Esports TV	TV	DVB-S2	2/3	29.985		
	Africa	African Movie Channel	TV	DVB-S2	2/3	29.985		
	Africa	African Movie Channel Series	TV	DVB-S2	2/3	29.985		
	Africa	CBS Reality South Africa	TV	DVB-S2	2/3	29.985		
	Africa	Trace Mziki	TV	DVB-S2	2/3	29.985		
	Africa	Trace Gospel	TV	DVB-S2	2/3	29.985		
	Africa	Trace Africa	TV	DVB-S2	2/3	29.985		
	Africa	Discovery Science	TV	DVB-S2	2/3	29.985		
	Africa	Animal Planet Europe	TV	DVB-S2	2/3	29.985		
	Africa	Investigation Discovery Xtra	TV	DVB-S2	2/3	29.985		
	Africa	DTX Rossiya	TV	DVB-S2	2/3	29.985		
	Africa	Zee Bollywood	TV	DVB-S2	2/3	29.985		
	Africa	Zee Bollywood	TV	DVB-S2	2/3	29.985		
	Africa	Pop Africa	TV	DVB-S2	2/3	29.985		
	Africa	True Movies South Africa	TV	DVB-S2	2/3	29.985		
	Africa	Viceland Africa	TV	DVB-S2	2/3	29.985		
	Africa	Odissea	TV	DVB-S2	2/3	29.985		
	Africa	Sky News International	TV	DVB-S2	2/3	29.985		
	Africa	Cartoon Network Middle East & Africa	TV	DVB-S2	2/3	29.985		
	Africa	Boomerang EMEA	TV	DVB-S2	2/3	29.985		
	Africa	Toonami Africa	TV	DVB-S2	2/3	29.985		
	Africa	WION	TV	DVB-S2	2/3	29.985		
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	
	Africa	Africa Unite TV	TV	DVB-S2	3/4	30.000		
	Africa	Z TV	TV	DVB-S2	3/4	30.000	Conax	
	Africa	Muvi Bakadoli	TV	DVB-S2	3/4	30.000	Conax	
	Africa	Baby TV Europe	TV	DVB-S2	3/4	30.000	Conax	
	Africa	JimJam Europe	TV	DVB-S2	3/4	30.000	Conax	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Africa	Boing Africa	TV	DVB-S2	3/4	30.000	Conax	
	Africa	Discovery Science Middle East	TV	DVB-S2	3/4	30.000	Conax	
	Africa	Nat Geo Gold	TV	DVB-S2	3/4	30.000	Conax	
	Africa	Investigation Discovery Xtra	TV	DVB-S2	3/4	30.000	Conax	
	Africa	CBS Reality South Africa	TV	DVB-S2	3/4	30.000	Conax	
	Africa	Pinoy TV	TV	DVB-S2	3/4	30.000	Conax	
	Africa	Muvi Novela	TV	DVB-S2	3/4	30.000	Conax	
	Africa	Emmanuel TV	TV	DVB-S2	3/4	30.000		
	Africa	Prism Africa	TV	DVB-S2	3/4	30.000		
	Africa	Hope Channel Zambia	TV	DVB-S2	3/4	30.000		
	Africa	Fox Sports Africa	TV	DVB-S2	3/4	30.000	Conax	
	Africa	Fox Sports 2 Africa	TV	DVB-S2	3/4	30.000	Conax	
	Africa	MBC 2	TV	DVB-S2	3/4	30.000	Conax	
	Africa	MBC Max	TV	DVB-S2	3/4	30.000	Conax	
	Africa	MBC Action	TV	DVB-S2	3/4	30.000	Conax	
	Africa	Muvi Nyimbo	TV	DVB-S2	3/4	30.000	Conax	
	Africa	BET Africa	TV	DVB-S2	3/4	30.000	Conax	
	Africa	MBC 4	TV	DVB-S2	3/4	30.000	Conax	
	Africa	Fox Africa	TV	DVB-S2	3/4	30.000	Conax	
	Africa	BBC World News Africa	TV	DVB-S2	3/4	30.000	Conax	
	Africa	Aljazeera English	TV	DVB-S2	3/4	30.000	Conax	
	Africa	Haba TV	TV	DVB-S2	3/4	30.000	Conax	
	Africa	MBC + Power	TV	DVB-S2	3/4	30.000	Conax	
	Africa	Komboni Radio 94.9 FM	radio	DVB-S2	3/4	30.000	Conax	
11.046	H Europe A	EVN TV	TV	DVB-S2	5/6	8.335	BISS	
11.262	H Europe B	unknown	package	DVB-S	5/6	27.500		
	Europe B	Kur'ân Hidayet	TV	DVB-S	5/6	27.500		Tuk
	Europe B	Hadi TV 1	TV	DVB-S	5/6	27.500		
	Europe B	Hadi TV 3	TV	DVB-S	5/6	27.500		
	Europe B	Janatobaghie TV	TV	DVB-S	5/6	27.500		
	Europe B	Central Asia TV	TV	DVB-S	5/6	27.500		
	Europe B	Honarmandan TV	TV	DVB-S	5/6	27.500		
	Europe B	Omid-e-Iran	TV	DVB-S	5/6	27.500		
	Europe B	4U TV	TV	DVB-S	5/6	27.500		
	Europe B	Khane Film	TV	DVB-S	5/6	27.500		
	Europe B	Dua Channel	TV	DVB-S	5/6	27.500		
	Europe B	Beitol Abbas	TV	DVB-S	5/6	27.500		
	Europe B	Discovery Home & Health Farsi	TV	DVB-S	5/6	27.500		
	Europe B	Al-Zahra TV	TV	DVB-S	5/6	27.500		
11.304	H Europe B	unknown	package	DVB-S2	2/3	29.700		
	Europe B	Manoto	TV	DVB-S2	2/3	29.700		
	Europe B	Extreme Sports	TV	DVB-S2	2/3	29.700		
	Europe B	Chances TV	TV	DVB-S2	2/3	29.700		
	Europe B	Earth TV	TV	DVB-S2	2/3	29.700		
	Europe B	I Toon TV	TV	DVB-S2	2/3	29.700		Farsi
	Europe B	National Geographic Farsi	TV	DVB-S2	2/3	29.700		
	Europe B	Cine Film	TV	DVB-S2	2/3	29.700		
	Europe B	Cine Series	TV	DVB-S2	2/3	29.700		
	Europe B	Radio Javan TV	TV	DVB-S2	2/3	29.700		
	Europe B	Iran International	TV	DVB-S2	2/3	29.700		
11.324	V Europe B	unknown	package	DVB-S2	2/3	29.700		
	Europe B	IFilm Arabic	TV	DVB-S2	2/3	29.700		
	Europe B	IFilm Persian	TV	DVB-S2	2/3	29.700		Arabic,Farsi
	Europe B	4 Fashion TV	TV	DVB-S2	2/3	29.700		
	Europe B	King TV Network	TV	DVB-S2	2/3	29.700		Farsi
	Europe B	National Geographic Farsi	TV	DVB-S2	2/3	29.700		Farsi
	Europe B	Cine Film	TV	DVB-S2	2/3	29.700		Farsi
11.345	H Europe B	unknown	package	DVB-S	5/6	27.500		
	Europe B	Hodhod Arabic TV Europe	TV	DVB-S	5/6	27.500		
	Europe B	Iran TV Network	TV	DVB-S	5/6	27.500		
	Europe B	IRT	TV	DVB-S	5/6	27.500		
	Europe B	Manoto	TV	DVB-S	5/6	27.500		
	Europe B	Earth TV	TV	DVB-S	5/6	27.500		
	Europe B	National Geographic Farsi	TV	DVB-S	5/6	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	Face 1 Persia	TV	DVB-S	5/6	27.500		
	Europe B	Class 1	TV	DVB-S	5/6	27.500		
11.356	H Africa	Azam Xtra	TV	DVB-S2	5/6	45.000		
	Africa	TV Imaan	TV	DVB-S2	5/6	45.000		
	Africa	Azam One	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Clouds FM	radio	DVB-S2	5/6	45.000		
	Africa	EFM	radio	DVB-S2	5/6	45.000		
	Africa	Times FM	radio	DVB-S2	5/6	45.000		
	Africa	TBC FM	radio	DVB-S2	5/6	45.000		
	Africa	Choice FM	radio	DVB-S2	5/6	45.000		
	Africa	ABM FM Radio	radio	DVB-S2	5/6	45.000		
	Africa	Uhuru FM	radio	DVB-S2	5/6	45.000		
	Africa	Magic FM	radio	DVB-S2	5/6	45.000		
	Africa	Radio Free Africa	radio	DVB-S2	5/6	45.000		
	Africa	Kiss FM	radio	DVB-S2	5/6	45.000		
	Africa	RFI Afrique	radio	DVB-S2	5/6	45.000		
	Africa	BBC World Service Swahili	radio	DVB-S2	5/6	45.000		
	Africa	Monte Carlo Doualiya	radio	DVB-S2	5/6	45.000		
	Africa	BBC World Service English East Africa	radio	DVB-S2	5/6	45.000		
	Africa	DW-Radio	radio	DVB-S2	5/6	45.000		
11.387	H Europe B	unknown	package	DVB-S	5/6	27.500		
	Europe B	Gala 1	TV	DVB-S	5/6	27.500		
	Europe B	Payam-e-Afghan TV	TV	DVB-S	5/6	27.500		
	Europe B	Persian Star 1	TV	DVB-S	5/6	27.500		
	Europe B	Persian Star 2	TV	DVB-S	5/6	27.500		
	Europe B	Cine Series	TV	DVB-S	5/6	27.500		
	Europe B	Cine Film	TV	DVB-S	5/6	27.500		
11.419	H Africa	Azam Sports HD	TV	DVB-S2	5/6	45.000	Nagravision	English,Swahili
	Africa	Star TV	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	NHK World Japan	TV	DVB-S2	5/6	45.000	Nagravision	English
	Africa	Radio Uhai FM	radio	DVB-S2	5/6	45.000		
	Africa	107 Salt FM	radio	DVB-S2	5/6	45.000		
	Africa	Radio West	radio	DVB-S2	5/6	45.000		
	Africa	Capital FM	radio	DVB-S2	5/6	45.000		
	Africa	88.8 CBS FM	radio	DVB-S2	5/6	45.000		
12.530	H Europe A	Satview promo	TV	DVB-S	2/3	1.480		
12.556	V Europe A	Fox Sports Europe	TV	DVB-S2	5/6	4.035	BISS	
12.604	H Africa	Azam TV	package	DVB-S2	2/3	30.000		
	Africa	Africa TV 2	TV	DVB-S2	2/3	30.000		
	Africa	Peace TV English	TV	DVB-S2	2/3	30.000		
	Africa	Quran TV	TV	DVB-S2	2/3	30.000		
	Africa	Sunna TV	TV	DVB-S2	2/3	30.000		
	Africa	WRM TV	TV	DVB-S2	2/3	30.000		
	Africa	Emmanuel TV	TV	DVB-S2	2/3	30.000		
	Africa	IBN TV Africa	TV	DVB-S2	2/3	30.000		
	Africa	My Righteous TV	TV	DVB-S2	2/3	30.000		
	Africa	Arise & Shine	TV	DVB-S2	2/3	30.000		
	Africa	Zongo TV	TV	DVB-S2	2/3	30.000		
	Africa	Q TV	TV	DVB-S2	2/3	30.000		
	Africa	Amen TV Sat	TV	DVB-S2	2/3	30.000		French
	Africa	JW Broadcasting	TV	DVB-S2	2/3	30.000		
	Africa	Radio Maarifa	radio	DVB-S2	2/3	30.000		
	Africa	Sky FM	radio	DVB-S2	2/3	30.000		
	Africa	Hot FM	radio	DVB-S2	2/3	30.000		
	Africa	Starr FM	radio	DVB-S2	2/3	30.000		
	Africa	Q FM	radio	DVB-S2	2/3	30.000		
	Africa	Q FM One	radio	DVB-S2	2/3	30.000		
	Africa	Q FM Two	radio	DVB-S2	2/3	30.000		
	Africa	Radio Christian Voice	radio	DVB-S2	2/3	30.000		
12.645	H Africa	African Movie Channel	TV	DVB-S2	2/3	30.000	Conax/Nagravision	
	Africa	MBC 2	TV	DVB-S2	2/3	30.000	Conax/Nagravision	Arabic
	Africa	MBC Max	TV	DVB-S2	2/3	30.000	Conax/Nagravision	Arabic
21.749	H Europe C	Muvi TV	package	DVB-S2	2/3	15.000		
	Europe C	Muvi TV	TV	DVB-S2	2/3	15.000		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe C	Africa Unite TV	TV	DVB-S2	2/3	15.000		
	Europe C	Muvi Nyimbo	TV	DVB-S2	2/3	15.000		
	Europe C	Datah	TV	DVB-S2	2/3	15.000		
	Europe C	Pinoy TV	TV	DVB-S2	2/3	15.000		
	Europe C	Prism Africa	TV	DVB-S2	2/3	15.000		
	Europe C	Haba TV	TV	DVB-S2	2/3	15.000		
	Europe C	Z TV	TV	DVB-S2	2/3	15.000		
	Europe C	Hope Channel Zambia	TV	DVB-S2	2/3	15.000		
	Europe C	Muvi Bakadoli	TV	DVB-S2	2/3	15.000		
	Europe C	Emmanuel TV	TV	DVB-S2	2/3	15.000		
	Europe C	Muvi TV promo	TV	DVB-S2	2/3	15.000		
	Europe C	Komboni Radio 94.9 FM	radio	DVB-S2	2/3	15.000		

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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	
	Wide	NPO 2	TV	DVB-S2	3/4	Y 30.000	Conax	
	Wide	NPO 3	TV	DVB-S2	3/4	Y 30.000	Conax	
	Wide	RTL 4	TV	DVB-S2	3/4	Y 30.000	Conax	
	Wide	RTL 5	TV	DVB-S2	3/4	Y 30.000	Conax	
	Wide	SBS 6	TV	DVB-S2	3/4	Y 30.000	Conax	
	Wide	RTL 7	TV	DVB-S2	3/4	Y 30.000	Conax	
	Wide	Disney XD Nederland	TV	DVB-S2	3/4	Y 30.000	Conax	
	Wide	Veronica	TV	DVB-S2	3/4	Y 30.000	Conax	
	Wide	Net 5	TV	DVB-S2	3/4	Y 30.000	Conax	
	Wide	RTL 8	TV	DVB-S2	3/4	Y 30.000	Conax	
	Wide	RTL Z	TV	DVB-S2	3/4	Y 30.000	Conax	
	Wide	SBS 9	TV	DVB-S2	3/4	Y 30.000	Conax	
	Wide	Comedy Central Nederland	TV	DVB-S2	3/4	Y 30.000	Conax	
	Wide	Spike Nederland	TV	DVB-S2	3/4	Y 30.000	Conax	
	Wide	EnjoyTV	TV	DVB-S2	3/4	30.000	Conax	
	Wide	National Geographic Nederland	TV	DVB-S2	3/4	30.000	Conax	
	Wide	24 Kitchen Nederland	TV	DVB-S2	3/4	30.000	Conax	
	Wide	Secret Circle	TV	DVB-S2	3/4	30.000	Conax	
	Wide	Meiden van Holland Hard	TV	DVB-S2	3/4	30.000	Conax	
	Wide	Passie XXX	TV	DVB-S2	3/4	30.000	Conax	
	Wide	Penthouse HD 1	TV	DVB-S2	3/4	30.000	Conax	
	Wide	Penthouse HD 2	TV	DVB-S2	3/4	30.000	Conax	
11.766	V Wide	Athavan TV	TV	DVB-S	3/4	27.500		
	Wide	Athavan Radio	radio	DVB-S	3/4	27.500		
11.785	H Wide	M7 Deutschland	package	DVB-S2	2/3	27.500		
	Wide	Pro Sieben Maxx Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	
	Wide	MTV Germany	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Wide	Welt	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	
	Wide	Channel 21	TV	DVB-S2	2/3	Y 27.500		
	Wide	Eurosport 1 Germany	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Wide	Nickelodeon Deutschland	TV	DVB-S2	2/3	Y 27.500		
	Wide	Viva Deutschland	TV	DVB-S2	2/3	Y 27.500		
	Wide	Comedy Central Deutschland	TV	DVB-S2	2/3	Y 27.500		
	Wide	HSE 24 Extra	TV	DVB-S2	2/3	Y 27.500		
	Wide	BBC World News Europe	TV	DVB-S2	2/3	27.500		
	Wide	Bloomberg TV Europe	TV	DVB-S2	2/3	27.500		
	Wide	Deutsches Musik Fernsehen	TV	DVB-S2	2/3	Y 27.500		
	Wide	Servus TV Deutschland	TV	DVB-S2	2/3	Y 27.500		
	Wide	Deluxe Music	TV	DVB-S2	2/3	27.500		
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	
	Wide	AFN News	TV	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN Sports	TV	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN Prime Pacific	TV	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN Spectrum	TV	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN Sports 2	TV	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN Family	TV	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN Movie	TV	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN The Eagle Atlantic	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	AFN The Voice	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN PowerTalk	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN Clutch	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN Fans	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	Hot AC	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN Legacy	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN's Joe Radio	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	Gravity	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	Today's Best Country	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	NPR Worldwide AFRTS	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN Seasonal	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	The Contingency Channel	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN Freedom Radio	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN The Eagle Aviano	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN The Eagle Bavaria	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN The Eagle Benelux	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN The Eagle Incirlik	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN The Eagle Kaiserslautern	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN The Eagle Naples	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN The Eagle Rota	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN The Eagle Souda Bay	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN The Eagle Spangdahlem	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN The Eagle Stuttgart	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN The Eagle Vicenza	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	AFN The Eagle Wiesbaden	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
	Wide	Sembach Afternoon Radio	radio	DVB-S2	2/3	27.500	PowerVu/Verimatrix	
11.823	H Wide	Sisal TV 1	TV	DVB-S	3/4	27.500	Xcrypt	
	Wide	Sisal TV 2	TV	DVB-S	3/4	27.500	Xcrypt	
	Wide	Sisal TV 3	TV	DVB-S	3/4	27.500	Xcrypt	
	Wide	Sisal TV 4	TV	DVB-S	3/4	27.500	Xcrypt	
	Wide	Ros & Ros	radio	DVB-S	3/4	27.500		
	Wide	Ros & Ros Selex	radio	DVB-S	3/4	27.500		
	Wide	Radio Carrefour ipermercati	radio	DVB-S	3/4	27.500		
	Wide	Radio Carrefour market	radio	DVB-S	3/4	27.500		
	Wide	Radio We	radio	DVB-S	3/4	27.500		
11.843	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	
	Wide	Luxe TV	TV	DVB-S2	3/5	27.500	Videoguard	
	Wide	C Music TV	TV	DVB-S2	3/5	27.500	Videoguard	
	Wide	Mad Hits	TV	DVB-S2	3/5	27.500	Videoguard	
	Wide	France 24 Français	TV	DVB-S2	3/5	27.500	Videoguard	
	Wide	CNBC Europe	TV	DVB-S2	3/5	27.500	Videoguard	
	Wide	Star Kentriki Elladas	TV	DVB-S2	3/5	27.500	Videoguard	
	Wide	BBC World News Europe	TV	DVB-S2	3/5	27.500	Videoguard	
	Wide	Mezzo	TV	DVB-S2	3/5	27.500	Videoguard	
	Wide	E! Europe	TV	DVB-S2	3/5	27.500	Videoguard	
	Wide	Ginx eSports TV Greece	TV	DVB-S2	3/5	27.500	Videoguard	
	Wide	MTV Live HD	TV	DVB-S2	3/5	27.500	Videoguard	
11.861	H Wide	Kabel Eins Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	
	Wide	DMAX Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	
	Wide	Tele 5	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	
	Wide	Nickelodeon Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Wide	Sport 1	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	
	Wide	TLC Germany	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	
11.881	V Wide	Power TV	TV	DVB-S2	2/3	27.500		
	Wide	World Fashion Channel International	TV	DVB-S2	2/3	27.500		
	Wide	Tamilan TV	TV	DVB-S2	2/3	27.500		
	Wide	RTI 1	TV	DVB-S2	2/3	27.500		
	Wide	Eurobet 11	TV	DVB-S2	2/3	27.500	BISS	
	Wide	Eurobet 12	TV	DVB-S2	2/3	27.500	BISS	
	Wide	Eurobet 13	TV	DVB-S2	2/3	27.500	BISS	
	Wide	Eurobet 14	TV	DVB-S2	2/3	27.500	BISS	
	Wide	ORTB TV	TV	DVB-S2	2/3	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Opap TV Virtual Games	TV	DVB-S2	2/3	27.500	Cryptoguard	Greek
	Wide	RTS 1	TV	DVB-S2	2/3	Y 27.500		
	Wide	Opap TV Monitor Games	TV	DVB-S2	2/3	27.500	Cryptoguard	Greek
	Wide	Radio Côte d'Ivoire	radio	DVB-S2	2/3	27.500		
	Wide	Opap TV Horse Races	TV	DVB-S2	2/3	27.500	Nagravision	Greek
11.900	H Wide	Radio Sénégal International	radio	DVB-S2	2/3	27.500		
	Wide	EbS	TV	DVB-S2	2/3	27.500		
	Wide	EbS+	TV	DVB-S2	2/3	27.500		
	Wide	TVT International	TV	DVB-S2	2/3	27.500		
	Wide	RTB TV	TV	DVB-S2	2/3	27.500		
	Wide	RTB Radio	radio	DVB-S2	2/3	27.500		
	Wide	Radio Lomé	radio	DVB-S2	2/3	27.500		
	Wide	Radio Kara	radio	DVB-S2	2/3	27.500		
11.919	V Wide	IBC Tamil TV	TV	DVB-S	3/4	27.500		
	Wide	Holygod TV Europe & Middle East	TV	DVB-S	3/4	27.500		
	Wide	NLM TV	TV	DVB-S	3/4	27.500		
	Wide	Star Vijay International	TV	DVB-S	3/4	27.500		
	Wide	IBC Tamil Radio	radio	DVB-S	3/4	27.500		
11.938	H Wide	Globecast	package	DVB-S	3/4	27.500		
	Wide	PTV Global	TV	DVB-S	3/4	27.500		
	Wide	Jiangsu TV	TV	DVB-S	3/4	27.500		
	Wide	CGTN Documentary	TV	DVB-S	3/4	27.500		
	Wide	RFI Français	radio	DVB-S	3/4	27.500		
	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		
	Wide	RFI Diverse 7	radio	DVB-S	3/4	27.500		
	Wide	Monte Carlo Doualiya	radio	DVB-S	3/4	27.500		
11.958	V Wide	MTVA	package	DVB-S2	2/3	27.500		
	Wide	M1	TV	DVB-S2	2/3	Y 27.500		
	Wide	M2	TV	DVB-S2	2/3	Y 27.500		
	Wide	Duna TV	TV	DVB-S2	2/3	Y 27.500		
	Wide	M4 Sport	TV	DVB-S2	2/3	Y 27.500		
	Wide	Duna World	TV	DVB-S2	2/3	Y 27.500		
	Wide	M5	TV	DVB-S2	2/3	Y 27.500		
	Wide	M3	TV	DVB-S2	2/3	Y 27.500	Conax	
	Wide	Kossuth Rádió	radio	DVB-S2	2/3	27.500		
	Wide	Petőfi Rádió	radio	DVB-S2	2/3	27.500		
	Wide	Bartók Rádió	radio	DVB-S2	2/3	27.500		
	Wide	Nemzetiségi Rádió	radio	DVB-S2	2/3	27.500		
	Wide	Parlamenti Rádió	radio	DVB-S2	2/3	27.500		
	Wide	Dankó Rádió	radio	DVB-S2	2/3	27.500		
	Wide	Duna World Rádió	radio	DVB-S2	2/3	27.500		
	Wide	Magyar Katolikus Rádió	radio	DVB-S2	2/3	27.500		
	Wide	Kossuth Rádió	radio	DVB-S2	2/3	27.500		
	Wide	Petőfi Rádió	radio	DVB-S2	2/3	27.500		
	Wide	Bartók Rádió	radio	DVB-S2	2/3	27.500		
	Wide	Dankó Rádió	radio	DVB-S2	2/3	27.500		
	Wide	Kossuth Rádió	radio	DVB-S2	2/3	27.500		
	Wide	Petőfi Rádió	radio	DVB-S2	2/3	27.500		
11.977	H Wide	M7 Deutschland	package	DVB-S2	2/3	27.500	Conax/Videoguard	
	Wide	Mediaset Italia	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Wide	ITVN Europe	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Wide	Auto Motor und Sport	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Wide	Fuel TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Wide	Fix & Foxi	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Wide	Penthouse HD	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Wide	Blue Hustler Europe	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Wide	Mezzo Live HD	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Wide	RTV D	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Wide	Nash Kinomir	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Wide	Telebom	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Wide	Teledom	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Wide	Duck TV HD	TV	DVB-S2	2/3	27.500	Conax/Videoguard	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang	
11.996	V Wide	Globecast	package	DVB-S	3/4	27.500			
	Wide	CCTV 4 Europe	TV	DVB-S	3/4	27.500			
	Wide	CGTN Español	TV	DVB-S	3/4	27.500			
	Wide	CGTN Russkij	TV	DVB-S	3/4	27.500			
	Wide	CGTN Arabic	TV	DVB-S	3/4	27.500			
	Wide	CGTN Documentary	TV	DVB-S	3/4	27.500		English	
	Wide	TV Globo Internacional Europa/África	TV	DVB-S	3/4	27.500	Viaccess	Portuguese	
	Wide	Jiangsu TV	TV	DVB-S	3/4	27.500		Chinese	
	Wide	Opap TV Horse Races	TV	DVB-S	3/4	27.500	Nagravision	Greek	
	12.015	H 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		
Wide		Sixx Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard		
Wide		RTL 2 Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard		
Wide		Deluxe Music	TV	DVB-S2	2/3	27.500	Conax/Videoguard		
Wide		Viva Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard		
Wide		Comedy Central Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard		
Wide		Disney Channel Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard		
12.034	V Wide	Globecast	package	DVB-S2	3/4	27.500			
	Wide	M6 Suisse	TV	DVB-S2	3/4	27.500			
	Wide	6ter Suisse	TV	DVB-S2	3/4	27.500			
	Wide	W9 Suisse	TV	DVB-S2	3/4	27.500			
	Wide	RTG International	TV	DVB-S2	3/4	27.500		Tuk	
	Wide	Phoenix InfoNews Channel	TV	DVB-S2	3/4	27.500			
	Wide	ORTM	TV	DVB-S2	3/4	27.500			
	Wide	Karusel International	TV	DVB-S2	3/4	27.500			
12.054	H Wide	ERT 1	TV	DVB-S2	2/3	27.500	Videoguard		
	Wide	Vouli Tileorasi	TV	DVB-S2	2/3	27.500			
	Wide	4E	TV	DVB-S2	2/3	27.500			
	Wide	Ant1	TV	DVB-S2	2/3	27.500	Videoguard		
	Wide	Channel 9	TV	DVB-S2	2/3	27.500	Videoguard		
	Wide	Cosmote Sport 4	TV	DVB-S2	2/3	27.500	Videoguard		
	Wide	Nat Geo Wild Europe	TV	DVB-S2	2/3	27.500	Videoguard		
	Wide	Kosmos	TV	DVB-S2	2/3	27.500	Videoguard		
	Wide	Fashion TV Europe	TV	DVB-S2	2/3	27.500	Videoguard		
	Wide	Baby TV Europe	TV	DVB-S2	2/3	27.500	Videoguard		
	Wide	EuroNews Ellinika	TV	DVB-S2	2/3	27.500	Videoguard		
	Wide	RT News	TV	DVB-S2	2/3	27.500	Videoguard		
	Wide	Bloomberg TV Europe	TV	DVB-S2	2/3	27.500	Videoguard		
	Wide	DW English	TV	DVB-S2	2/3	27.500	Videoguard		
	Wide	Aljazeera English	TV	DVB-S2	2/3	27.500	Videoguard		
	Wide	Cosmote Sport 7	TV	DVB-S2	2/3	27.500	Videoguard		
	Wide	Sundance TV Europe	TV	DVB-S2	2/3	27.500	Videoguard		
	Wide	MTV Europe	TV	DVB-S2	2/3	27.500	Videoguard		
	12.074	V Wide	Joyne	package	DVB-S2	3/4	30.000	Conax	
		Wide	Nickelodeon Nederland	TV	DVB-S2	3/4	30.000	Conax	
Wide		Discovery Channel Nederland	TV	DVB-S2	3/4	30.000	Conax		
Wide		Investigation Discovery Nederland	TV	DVB-S2	3/4	30.000	Conax		
Wide		Eurosport 1 Nederland	TV	DVB-S2	3/4	30.000	Conax		
Wide		Eurosport 2 Nederland	TV	DVB-S2	3/4	30.000	Conax		
Wide		TLC Nederland	TV	DVB-S2	3/4	30.000	Conax		
Wide		Xite Nederland	TV	DVB-S2	3/4	30.000	Conax		
Wide		MTV NL	TV	DVB-S2	3/4	30.000	Conax		
Wide		TV Oranje	TV	DVB-S2	3/4	30.000			
Wide		Schlager TV	TV	DVB-S2	3/4	30.000			
Wide		Nashville TV	TV	DVB-S2	3/4	30.000			
Wide		192 TV	TV	DVB-S2	3/4	30.000	Conax		
Wide		Omrop Fryslân TV	TV	DVB-S2	3/4	30.000			
Wide		TV Noord	TV	DVB-S2	3/4	30.000			
Wide		TV Drenthe	TV	DVB-S2	3/4	30.000			
Wide		TV Oost	TV	DVB-S2	3/4	30.000			
Wide		Omroep Flevoland TV	TV	DVB-S2	3/4	30.000			
Wide		Omroep Zeeland TV	TV	DVB-S2	3/4	30.000			
Wide		TV Rijnmond	TV	DVB-S2	3/4	30.000			
Wide	RTV Utrecht	TV	DVB-S2	3/4	30.000				

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	L1 TV	TV	DVB-S2	3/4	30.000		
	Wide	Omroep Brabant TV	TV	DVB-S2	3/4	30.000		
	Wide	TV Gelderland	TV	DVB-S2	3/4	30.000		
	Wide	NH TV	TV	DVB-S2	3/4	30.000		
	Wide	TV West	TV	DVB-S2	3/4	30.000		
	Wide	Één	TV	DVB-S2	3/4	Y 30.000	Conax	
	Wide	Canvas	TV	DVB-S2	3/4	Y 30.000	Conax	
	Wide	Ketnet	TV	DVB-S2	3/4	Y 30.000	Conax	
	Wide	History HD Europe	TV	DVB-S2	3/4	30.000	Conax	
	Wide	Crime + Investigation Network Nederland	TV	DVB-S2	3/4	30.000	Conax	
	Wide	Family 7	TV	DVB-S2	3/4	30.000	Conax	
	Wide	Fox NL	TV	DVB-S2	3/4	30.000	Conax	
	Wide	Fox Sports 1 Eredivisie	TV	DVB-S2	3/4	Y 30.000	Conax	
	Wide	Fox Sports 3 Eredivisie	TV	DVB-S2	3/4	30.000	Conax	
	Wide	Fox Sports 5 Eredivisie	TV	DVB-S2	3/4	30.000	Conax	
	Wide	Travelxp HD Europe	TV	DVB-S2	3/4	30.000	Conax	
	Wide	Dusk TV Netherlands	TV	DVB-S2	3/4	30.000	Conax	
	Wide	NPO Radio 1	radio	DVB-S2	3/4	30.000		
	Wide	NPO Radio 2	radio	DVB-S2	3/4	30.000		
	Wide	NPO 3FM	radio	DVB-S2	3/4	30.000		
	Wide	NPO Radio 4	radio	DVB-S2	3/4	30.000		
	Wide	NPO Radio 5	radio	DVB-S2	3/4	30.000		
	Wide	Radio NL	radio	DVB-S2	3/4	30.000		
	Wide	100% NL	radio	DVB-S2	3/4	30.000		
	Wide	Sky Radio	radio	DVB-S2	3/4	30.000		
	Wide	Radio 538	radio	DVB-S2	3/4	30.000		
	Wide	Radio Veronica	radio	DVB-S2	3/4	30.000		
12.092	H Wide	NTD TV Europe	TV	DVB-S2	3/4	27.500		
	Wide	TV 5 Monde France Belgique Suisse	TV	DVB-S2	3/4	Y 27.500		
12.111	V	Nordic Baltic Xtra TV	package	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	NLO TV	TV	DVB-S2	5/6	27.500		
	Nordic Baltic	Indigo TV	TV	DVB-S2	5/6	27.500		
	Nordic Baltic	TV 1000 East	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	TV 1000 Action	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	VIP Comedy	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	TV 1000 Russkoe Kino	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Sony Turbo	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Sony Channel Russia	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Sony Sci-Fi Russia	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Fox Russia	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Fox Life Russia	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Cartoon Network Russia & South East Europe	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Food Network Russia	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Fine Living	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Travel Channel Europe	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	National Geographic Russia	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Nat Geo Wild Russia	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Viasat Explore East	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Viasat History	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Viasat Nature East	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	History Russia	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	National Geographic Russia	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Animal Planet Russia	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Discovery Science	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Star Cinema	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Zee TV Russia	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Star Cinema	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
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	Tuk
	Germany Ge	EuroNews Français	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	EuroNews English	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	RTR Planeta	TV	DVB-S2	2/3	27.500	Conax/Videoguard	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Germany Ge	Marco Polo TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	Perviy kanal Europa	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	Pro Sieben Fun	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	Kinowelt TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	Bon Gusto	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	Heimatkanal	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	Silverline Movie Channel	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	Sony Channel Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
12.149	V Nordic Baltic	Xtra TV	package	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Futbol 1	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Futbol 2	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Telekanal Ukraina	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	History Russia	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	VIP Comedy	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Viasat History HD	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Viasat Nature HD	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	VIP Premiere	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	VIP Megahit	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Travel Channel Europe	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Viasat Sport East	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Viasat Sport East	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Pershiy Avtomobilniy	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Baby TV Europe	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Detski Mir	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Nickelodeon CIS	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Nick Jr CIS	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Duck TV SD	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Nordic Baltic	Boomerang Russia	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
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	Ionian TV	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Nea TV	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Action 24	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	EuroNews English	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	BBC Earth Greece	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Fox Sports Europe	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Food Network EMEA	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	CBS Reality Europe	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Viasat Nature East	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Viasat Explore East	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Crime + Investigation UK	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Outdoor Channel International	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Fine Living	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Nautical Channel	TV	DVB-S2	2/3	27.500	Videoguard	
12.188	V Wide	Xtra TV	package	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Wide	Fine Living	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Wide	Food Network Russia	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Wide	Viasat Sport East	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Wide	Nautical Channel	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Wide	DocuBox HD	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Wide	Gametoon	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Wide	FilmBox Russia	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Wide	FilmBox Arthouse Worldwide	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Wide	Kino Polska International	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Kino Polska Muzyka	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Wide	360 Tune Box	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Wide	Sea TV	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Wide	Erox HD	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Wide	TV XXI	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Wide	Dorama	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Wide	Da Vinci	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Wide	Niki Kids	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
	Wide	Niki Junior	TV	DVB-S2	5/6	27.500	Betacrypt/Conax	
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	
	Extended Greece	Cosmote History	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Alert	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Mega TV	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Smile TV	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Alpha TV	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Cosmote Cinema 4	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	VH1 Europe	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Disney Channel Middle East	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Cosmote Sport Highlights	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	SKAÍ Tileorasi	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Edge Sport	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Star Channel	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	National Geographic Ellada	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Viasat History	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Fox Life Greece	TV	DVB-S2	2/3	27.500	Videoguard	
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	
	Germany Ge	Vox Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	
	Germany Ge	Sat. 1 Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	
	Germany Ge	Pro Sieben Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	
	Germany Ge	Nitro Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	
	Germany Ge	N-TV	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	
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	
	Extended Greece	Extra	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Cosmote Cinema 1	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	SBC TV	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Cosmote Cinema on demand 2	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Cosmote Cinema on demand 3	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Cosmote Cinema on demand 4	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Makedonia TV	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Epsilon TV	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Hustler HD Europe	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Kontra Channel	TV	DVB-S2	2/3	27.500	Videoguard	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Extended Greece	Penthouse HD 1	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	TV 100	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Blue Hustler Europe	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Cosmote Sport 1	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Cosmote History	TV	DVB-S2	2/3	27.500	Videoguard	
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	Tuk
	Germany Ge	CNN Türk	TV	DVB-S2	2/3	27.500	Conax/Videoguard	Tuk
	Germany Ge	Kanal 7 Avrupa	TV	DVB-S2	2/3	27.500	Conax/Videoguard	Tuk
	Germany Ge	Euro D	TV	DVB-S2	2/3	27.500	Conax/Videoguard	Tuk
	Germany Ge	TV 8 International	TV	DVB-S2	2/3	27.500	Conax/Videoguard	Tuk
	Germany Ge	Rai 1	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	
	Germany Ge	ATV Avrupa	TV	DVB-S2	2/3	27.500	Conax/Videoguard	Tuk
	Germany Ge	Rai 3	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	
	Germany Ge	TVP Polonia	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	
	Germany Ge	TRT Türk	TV	DVB-S2	2/3	27.500	Conax/Videoguard	Tuk
	Germany Ge	Wetter.com TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	Animal Planet Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	MTV Live HD	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
12.341	V Italy	Cairo Communication	package	DVB-S2	5/6	31.400		
	Italy	La 7	TV	DVB-S2	5/6	31.400		
	Italy	La 7 d	TV	DVB-S2	5/6	31.400		
	Italy	La 7	TV	DVB-S2	5/6	31.400		
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	
	Germany Ge	Spiegel TV Wissen	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	History Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	A&E Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	13th Street Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	Syfy Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	National Geographic Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	Sport 1 US	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
12.399	H Extended Greece	Cosmote TV	package	DVB-S2	2/3	27.500	Videoguard/BISS	
	Extended Greece	Delta TV	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Blue Sky	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Cosmote Sport 2	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Epirus TV 1	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Art TV	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Diktyo TV	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Disney Junior Greece	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Cosmote Sport 3	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Travel Channel Europe	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	AB Channel	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Body in Balance Greece	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Mad TV	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Disney XD Hellas	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	France 24 English	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Nickelodeon HD	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Cosmote Cinema 3	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Cosmote Sport 8	TV	DVB-S2	2/3	27.500	Videoguard	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Extended Greece	Best TV	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Corfu TV	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Aigaio TV	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	TRT	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Peiraiki Ekklesia 91.2 FM	radio	DVB-S2	2/3	27.500		
	Extended Greece	Radio Oixalia	radio	DVB-S2	2/3	27.500		
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	
	Germany Ge	AXN Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	E! Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	Sportdigital	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	Eurosport 2	TV	DVB-S2	2/3	27.500	Conax/Videoguard	Y
	Germany Ge	Gute Laune TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	Discovery Channel Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
	Germany Ge	Fox Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	
12.475	H Extended Greece	Cosmote TV	package	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	ERT 3	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Cosmote Sport 6	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Village Cinemas	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Fox Greece	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Cosmote Cinema on demand 1	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	ERT HD	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Cosmote Sport 5	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	National Geographic Ellada	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	ERT 2	TV	DVB-S2	2/3	27.500	Videoguard	
	Extended Greece	Cosmote Cinema 2	TV	DVB-S2	2/3	27.500	Videoguard	

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20.185	L Ireland	2RN	package	DVB-S2	2/3	25.000		
	Ireland	RTÉ One	TV	DVB-S2	2/3	25.000		
	Ireland	RTÉ 2	TV	DVB-S2	2/3	25.000		
	Ireland	RTÉ News Now	TV	DVB-S2	2/3	25.000		
	Ireland	TG 4	TV	DVB-S2	2/3	25.000		
	Ireland	RTÉ Jr	TV	DVB-S2	2/3	25.000		
	Ireland	Oireachtas TV	TV	DVB-S2	2/3	25.000		
	Ireland	RTÉ One +1	TV	DVB-S2	2/3	25.000		
	Ireland	RTÉ Radio 1	radio	DVB-S2	2/3	25.000		
	Ireland	RTÉ Radio 2 FM	radio	DVB-S2	2/3	25.000		
	Ireland	RTÉ Lyric FM	radio	DVB-S2	2/3	25.000		
	Ireland	RTÉ Raidió na Gaeltachta	radio	DVB-S2	2/3	25.000		
	Ireland	RTÉ Radio 1 Extra	radio	DVB-S2	2/3	25.000		
	Ireland	RTÉ Pulse	radio	DVB-S2	2/3	25.000		
	Ireland	RTÉ 2XM	radio	DVB-S2	2/3	25.000		
	Ireland	RTÉ Jr Radio	radio	DVB-S2	2/3	25.000		
	Ireland	RTÉ Chill	radio	DVB-S2	2/3	25.000		
	Ireland	RTÉ Gold	radio	DVB-S2	2/3	25.000		

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3.649	L C	Chinese mux	package	DVB-S2	2/3	20.160	Unitend	
	C	Henan TV Satellite	TV	DVB-S2	2/3	20.160	Unitend	
	C	Jiangsu TV	TV	DVB-S2	2/3	20.160	Unitend	
	C	Phoenix Chinese Channel	TV	DVB-S2	2/3	20.160	Unitend	
	C	Beijing TV	TV	DVB-S2	2/3	20.160	Unitend	
	C	Anhui Satellite TV	TV	DVB-S2	2/3	20.160	Unitend	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	C	Zhejiang TV	TV	DVB-S2	2/3	20.160	Unitend	
	C	CCTV 2	TV	DVB-S2	2/3	20.160	Unitend	
	C	Liaoning TV	TV	DVB-S2	2/3	20.160	Unitend	
	C	CCTV 4 Europe	TV	DVB-S2	2/3	20.160	Unitend	
	C	Guangdong Satellite TV	TV	DVB-S2	2/3	20.160	Unitend	
	C	CCTV 14	TV	DVB-S2	2/3	20.160	Unitend	
	C	CCTV 1	TV	DVB-S2	2/3	20.160	Unitend	
	C	CCTV 13	TV	DVB-S2	2/3	20.160	Unitend	
	C	CCTV 3	TV	DVB-S2	2/3	20.160	Unitend	
	C	CCTV 5	TV	DVB-S2	2/3	20.160	Unitend	
3.656	R C	Congo-Kinshasa mux	package	DVB-S2	5/6	3.716	BISS	
	C	RTNC	TV	DVB-S2	5/6	3.716	BISS	
	C	RTNC 3	TV	DVB-S2	5/6	3.716	BISS	
	C	Moliere TV	TV	DVB-S2	5/6	3.716	BISS	
	C	B-One TV	TV	DVB-S2	5/6	3.716	BISS	
	C	Digital Congo TV	TV	DVB-S2	5/6	3.716	BISS	
	C	PSTV SD Culturelle	TV	DVB-S2	5/6	3.716	BISS	
3.677	L C	CIS TV	TV	DVB-S2	3/5	1.083		
3.682	R C	TVM	package	DVB-S2	3/4	4.167		
	C	TVM	TV	DVB-S2	3/4	4.167		Portuguese
	C	ST Plus	package	DVB-S2	3/4	4.167		
	C	ST Plus	TV	DVB-S2	3/4	4.167		
	C	Raia TV	package	DVB-S2	3/4	4.167		
	C	Raia TV	TV	DVB-S2	3/4	4.167		English
3.692	R C	RTNB TV	TV	DVB-S2	5/6	1.818		
3.701	L C	Rwanda TV	TV	DVB-S2	2/3	1.667		
3.709	L C	TCV Internacional	TV	DVB-S2	5/6	1.002		
3.722	L C	Ouest TV	TV	DVB-S2	3/4	1.124		
3.726	R C	StarTimes TV	package	DVB-S2	5/6	10.650		
	C	NTV	TV	DVB-S2	5/6	10.650		
	C	KTN Home	TV	DVB-S2	5/6	10.650		
	C	K24	TV	DVB-S2	5/6	10.650		
	C	Clouds TV	TV	DVB-S2	5/6	10.650		
	C	KBC Channel 1	TV	DVB-S2	5/6	10.650		
	C	God TV Africa	TV	DVB-S2	5/6	10.650		
	C	Border TV	TV	DVB-S2	5/6	10.650		
	C	Triple P	TV	DVB-S2	5/6	10.650		
	C	Gikuyu TV	TV	DVB-S2	5/6	10.650		
	C	Times TV	TV	DVB-S2	5/6	10.650		
	C	Citizen TV	TV	DVB-S2	5/6	10.650		
	C	MBCI TV	TV	DVB-S2	5/6	10.650		
	C	ST Plus	TV	DVB-S2	5/6	10.650		
	C	Raia TV	TV	DVB-S2	5/6	10.650		
3.736	R C	StarTimes TV	package	DVB-S2	5/6	7.307	Conax	
	C	Orisun TV	TV	DVB-S2	5/6	7.307	Conax	
	C	Estars TV	TV	DVB-S2	5/6	7.307		
	C	Awa TV	TV	DVB-S2	5/6	7.307	Conax	
	C	ST Yorùbá	TV	DVB-S2	5/6	7.307	Conax	Yor
	C	Silverbird TV	TV	DVB-S2	5/6	7.307	Conax	
	C	Wap TV	TV	DVB-S2	5/6	7.307		
	C	Channels TV	TV	DVB-S2	5/6	7.307		
	C	Nigezie	TV	DVB-S2	5/6	7.307		
	C	TVC News Nigeria	TV	DVB-S2	5/6	7.307		
	C	Iqraa Africa & Europe	TV	DVB-S2	5/6	7.307	Conax	
	C	Ulaff TV	TV	DVB-S2	5/6	7.307	Conax	
	C	Arewa 24	TV	DVB-S2	5/6	7.307	Conax	Hau
	C	Isi Mbido	TV	DVB-S2	5/6	7.307	Conax	
	C	Wazobia TV	TV	DVB-S2	5/6	7.307	Conax	
3.748	R C	Voxafrika Afrique	TV	DVB-S2	5/6	9.082		
	C	France 24 English	TV	DVB-S2	5/6	9.082		English
	C	Liberty TV	TV	DVB-S2	5/6	9.082		English
	C	DITV	TV	DVB-S2	5/6	9.082		
3.759	R C	StarTimes TV	package	DVB-S2	5/6	7.610	Conax	
	C	BBC World News Africa	TV	DVB-S2	5/6	7.610	Conax	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	C	TV Sibuka	TV	DVB-S2	5/6	7.610	Conax	
	C	Channel Ten	TV	DVB-S2	5/6	7.610	Conax	
	C	TBC 1	TV	DVB-S2	5/6	7.610	Conax	
	C	E TV Africa	TV	DVB-S2	5/6	7.610	Conax	
	C	TBC 2	TV	DVB-S2	5/6	7.610	Conax	
	C	Star TV	TV	DVB-S2	5/6	7.610	Conax	
	C	Kwesé Free Sports	TV	DVB-S2	5/6	7.610	Conax	
	C	ST Rise	TV	DVB-S2	5/6	7.610	Conax	
	C	Emmanuel TV	TV	DVB-S2	5/6	7.610		
3.768	R C	Ugandan mux	package	DVB-S2	5/6	8.475		
	C	UBC TV	TV	DVB-S2	5/6	8.475		
	C	Face TV	TV	DVB-S2	5/6	8.475		
	C	Sanyuka TV	TV	DVB-S2	5/6	8.475		
	C	Channel 44	TV	DVB-S2	5/6	8.475		
	C	NBS TV	TV	DVB-S2	5/6	8.475		
	C	Bukedde TV 1	TV	DVB-S2	5/6	8.475		
	C	NTV Uganda	TV	DVB-S2	5/6	8.475		
	C	Bukedde TV 2	TV	DVB-S2	5/6	8.475		
	C	Urban TV	TV	DVB-S2	5/6	8.475		
	C	TV West	TV	DVB-S2	5/6	8.475		
	C	Salam TV	TV	DVB-S2	5/6	8.475		
	C	BBS TV	TV	DVB-S2	5/6	8.475		
	C	Salt TV	TV	DVB-S2	5/6	8.475		
	C	ABS TV	TV	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	NW Cinema	TV	DVB-S2	3/4	6.480		
	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
3.835	R C	LoveWorld Plus	TV	DVB-S2	4/5	1.000		
4.039	R C	TVT International	package	DVB-S2	3/4	2.222		
	C	TVT International	TV	DVB-S2	3/4	2.222		
	C	TVT International	TV	DVB-S2	3/4	2.222		
10.733	V Wide	Fé TV	TV	DVB-S2	5/6	2.025		
10.747	V Wide	Zap Viva	TV	DVB-S2	9/10	4.000		
10.756	V Wide	TV Zimbo	TV	DVB-S	7/8	2.480		
10.836	V Wide	Palanca TV	TV	DVB-S2	3/4	3.000		
10.840	V Wide	ORTC TV	TV	DVB-S	1/2	3.255		
	Wide	ORTC Radio	radio	DVB-S	1/2	3.255		
10.956	H Wide	NourSat	TV	DVB-S2	2/3	2.400		
10.963	H Wide	Libya Al-Ahrar TV	TV	DVB-S2	3/4	2.417		
11.007	V Wide	Alforat News	TV	DVB-S2	3/4	4.800		
	Wide	Alforat FM	radio	DVB-S2	3/4	4.800		
11.113	V Wide	Al Rasheed TV	TV	DVB-S2	3/4	2.500	BISS	
	Wide	Al Rasheed FM	radio	DVB-S2	3/4	2.500	BISS	
11.164	V Wide	Dzair	package	DVB-S2	8/9	4.000		
	Wide	Dzair TV	TV	DVB-S2	8/9	4.000		
	Wide	Dzair News	TV	DVB-S2	8/9	4.000		
11.221	V Wide	Sky Cinema Delay	TV	DVB-S2	5/6	30.000	Irdeto	
	Wide	Nepal TV	TV	DVB-S2	5/6	30.000	Irdeto	
	Wide	BFBS Radio Afghanistan	radio	DVB-S2	5/6	30.000		
	Wide	BFBS Radio Cyprus	radio	DVB-S2	5/6	30.000		
	Wide	BFBS Radio UK Bases	radio	DVB-S2	5/6	30.000		
	Wide	BFBS Radio Germany	radio	DVB-S2	5/6	30.000		
	Wide	BFBS Radio Unwind	radio	DVB-S2	5/6	30.000		
	Wide	BFBS Radio UK National	radio	DVB-S2	5/6	30.000		
	Wide	BFBS Radio Northern Ireland	radio	DVB-S2	5/6	30.000		
	Wide	BFBS Radio Ops	radio	DVB-S2	5/6	30.000		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	BFBS Radio Beats	radio	DVB-S2	5/6	30.000		
	Wide	BFBS Gurkha Radio	radio	DVB-S2	5/6	30.000		
	Wide	BFBS Radio Dirt	radio	DVB-S2	5/6	30.000		
	Wide	BFBS Radio Rewind	radio	DVB-S2	5/6	30.000		
	Wide	BFBS Radio Shamishran	radio	DVB-S2	5/6	30.000		
	Wide	Fun Kids	radio	DVB-S2	5/6	30.000		
	Wide	BFBS Radio Gibraltar	radio	DVB-S2	5/6	30.000		
	Wide	BFBS Gurkha Radio	radio	DVB-S2	5/6	30.000		
11.346	H Wide	LaLiga TV	TV	DVB-S	3/4	27.500	Viaccess	English,Spanish
11.419	H Wide	Aljazeera	package	DVB-S2	5/6	11.814	BISS	
	Wide	Baraem	TV	DVB-S2	5/6	11.814	BISS	
	Wide	Jeem TV	TV	DVB-S2	5/6	11.814	BISS	
	Wide	Jeem TV Europe	TV	DVB-S2	5/6	11.814		
	Wide	Baraem 2	TV	DVB-S2	5/6	11.814		
11.483	V Wide	MUTV	TV	DVB-S2	5/6	4.000	BISS	
11.568	V Wide	Ennahar TV	TV	DVB-S2	2/3	2.500		
11.572	V Wide	NBN	TV	DVB-S2	3/4	1.667		
11.624	V Wide	Kurdistan TV	TV	DVB-S2	4/5	3.800		
11.630	V Wide	Zagros TV	TV	DVB-S2	4/5	3.800		
	Wide	Z Radio	radio	DVB-S2	4/5	3.800		
11.638	H Wide	AMC Middle East	TV	DVB-S	5/6	5.300	BISS	
11.639	V Europe	Waar TV	TV	DVB-S2	2/3	3.650		
	Europe	Waar Radio	radio	DVB-S2	2/3	3.650		
11.645	H Wide	Kurdistan 24	TV	DVB-S2	8/9	4.800		
	Wide	Kurdistan 24 Radio	radio	DVB-S2	8/9	4.800		
11.663	H Africa	Afro Music Angola	TV	DVB-S	3/4	3.830		
11.676	H Africa	TV Zimbo	package	DVB-S	7/8	11.153		
	Africa	TV Zimbo	TV	DVB-S	7/8	11.153		
11.681	H Wide	LBC	package	DVB-S2	5/6	3.200		
	Wide	LBC Europe	TV	DVB-S2	5/6	3.200		
	Wide	LDC	TV	DVB-S2	5/6	3.200		
	Wide	LDC America & Australia	TV	DVB-S2	5/6	3.200		
	Wide	Radio Liban Libre	radio	DVB-S2	5/6	3.200		
12.509	H Wide	Beladi Satellite TV	TV	DVB-S	5/6	2.667		
12.520	H Wide	Nabaa TV	TV	DVB-S2	5/6	1.100		
12.637	V Wide	APTN	package	DVB-S2	2/3	18.400	Betacrypt	
	Wide	APTN Global Video Wire	TV	DVB-S2	2/3	18.400	Betacrypt	
	Wide	APTN Direct	TV	DVB-S2	2/3	18.400	Betacrypt	

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10.815	H Wide	MX1	package	DVB-S	5/6	27.500		
	Wide	NetViet	TV	DVB-S	5/6	27.500		
	Wide	Vozrozhdeniye	TV	DVB-S	5/6	27.500		
	Wide	CNL Evropa	TV	DVB-S	5/6	27.500		
	Wide	Fashion Television Europe	TV	DVB-S	5/6	27.500		
	Wide	Russian Musicbox	TV	DVB-S	5/6	27.500		
	Wide	TBN Rossiya	TV	DVB-S	5/6	27.500		
	Wide	Thai TV Global Network	TV	DVB-S	5/6	27.500		
	Wide	TVK	TV	DVB-S	5/6	27.500		
	Wide	Horn Cable TV	TV	DVB-S	5/6	27.500		
	Wide	The Word Network	TV	DVB-S	5/6	27.500		
	Wide	Radio Tell	radio	DVB-S	5/6	27.500		
	Wide	The Overcomer	radio	DVB-S	5/6	27.500		
10.949	V Wide	Globecast	package	DVB-S	3/4	27.500		
	Wide	Al Hiwar TV	TV	DVB-S	3/4	27.500		
	Wide	Imam Hussein TV 1	TV	DVB-S	3/4	27.500		
	Wide	EWTN UK & Ireland	TV	DVB-S	3/4	27.500		
	Wide	CNBC Europe	TV	DVB-S	3/4	27.500		
	Wide	Al-Fady TV	TV	DVB-S	3/4	27.500		
	Wide	Imam Hussein TV 3	TV	DVB-S	3/4	27.500		
	Wide	Sat 7 Pars	TV	DVB-S	3/4	27.500		
	Wide	Velayat TV Network	TV	DVB-S	3/4	27.500		
	Wide	WRN Russkij	radio	DVB-S	3/4	27.500		
	Wide	WRN English Europe	radio	DVB-S	3/4	27.500		
	Wide	Radio Jahani	radio	DVB-S	3/4	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Sawt Al Alam	radio	DVB-S	3/4	27.500		
	Wide	RFI Persian	radio	DVB-S	3/4	27.500		
11.054	H Wide	Media Broadcast Satellite	package	DVB-S	5/6	27.500		
	Wide	DW English	TV	DVB-S	5/6	27.500		
	Wide	Arti TV	TV	DVB-S	5/6	27.500		Tuk
	Wide	MC EU	TV	DVB-S	5/6	27.500		Tuk
	Wide	Juwelo	TV	DVB-S	5/6	27.500		
	Wide	Health TV	TV	DVB-S	5/6	27.500		
	Wide	Gala 1	TV	DVB-S	5/6	27.500		
	Wide	Persian Star 2	TV	DVB-S	5/6	27.500		
	Wide	Alalam News Channel	TV	DVB-S	5/6	27.500		
	Wide	Media Broadcast Satellite promo	TV	DVB-S	5/6	27.500		
	Wide	TM TV	TV	DVB-S	5/6	27.500		
	Wide	Payam-e-Afghan TV	TV	DVB-S	5/6	27.500		
	Wide	Suryoyo Sat	TV	DVB-S	5/6	27.500		Syr
	Wide	Persian Star 1	TV	DVB-S	5/6	27.500		
	Wide	DW-Radio FM 2	radio	DVB-S	5/6	27.500		
	Wide	DW-Radio 8	radio	DVB-S	5/6	27.500		
	Wide	DW-Radio 9	radio	DVB-S	5/6	27.500		
	Wide	DW-Radio FM 1	radio	DVB-S	5/6	27.500		
11.200	V Wide	Eutelsat	package	DVB-S	5/6	27.500		
	Wide	MTA 3	TV	DVB-S	5/6	27.500		
	Wide	Mohabat TV	TV	DVB-S	5/6	27.500		
	Wide	KICC TV	TV	DVB-S	5/6	27.500		
	Wide	EBC	TV	DVB-S	5/6	27.500		
	Wide	Angel TV Europe	TV	DVB-S	5/6	27.500		
	Wide	GünAz TV	TV	DVB-S	5/6	27.500		
	Wide	SexySat Arabia	TV	DVB-S	5/6	27.500		
	Wide	Umut TV	TV	DVB-S	5/6	27.500		Tuk
	Wide	Omid TV	TV	DVB-S	5/6	27.500		
	Wide	Radio Mojdeh	radio	DVB-S	5/6	27.500		
	Wide	Radio Novaya Zhizn	radio	DVB-S	5/6	27.500		
	Wide	Payam-e-Doost	radio	DVB-S	5/6	27.500		
	Wide	Radio Sedaye Mardom	radio	DVB-S	5/6	27.500		
	Wide	Voisfarsi	radio	DVB-S	5/6	27.500		
	Wide	Radio Tondar	radio	DVB-S	5/6	27.500		
	Wide	RVS Italy	radio	DVB-S	5/6	27.500		
11.471	V Wide	unknown	package	DVB-S	5/6	27.500		
	Wide	Colombo TV	TV	DVB-S	5/6	27.500		
	Wide	Kalsan TV	TV	DVB-S	5/6	27.500		
	Wide	Kaleme TV	TV	DVB-S	5/6	27.500		
	Wide	Rangarang TV Network	TV	DVB-S	5/6	27.500		
	Wide	ESTV	TV	DVB-S	5/6	27.500		
	Wide	Medya Haber	TV	DVB-S	5/6	27.500		Tuk
	Wide	Somali Cable	TV	DVB-S	5/6	27.500		
	Wide	Telefishinka Caalamiga	TV	DVB-S	5/6	27.500		
	Wide	Telefishinka Caalamiga	TV	DVB-S	5/6	27.500		
	Wide	TV Azadi	TV	DVB-S	5/6	27.500		
	Wide	Somali National TV	TV	DVB-S	5/6	27.500		
11.541	V Wide	M-Three satcom	package	DVB-S	5/6	22.000		
	Wide	QVC Italia	TV	DVB-S	5/6	22.000		
	Wide	RTL 102.5 RadioVisione	TV	DVB-S	5/6	22.000		
	Wide	Cine Sony Italia	TV	DVB-S	5/6	22.000	Nagravision	Italian
	Wide	Simay-Azadi Iran National TV	TV	DVB-S	5/6	22.000		
	Wide	TG Norba 24	TV	DVB-S	5/6	22.000		
	Wide	Radio Buon Consiglio	radio	DVB-S	5/6	22.000		
	Wide	Radio Italia	radio	DVB-S	5/6	22.000		
	Wide	Radio Onda d'Urto	radio	DVB-S	5/6	22.000		
	Wide	RTL 102.5 FM	radio	DVB-S	5/6	22.000		
	Wide	Radio Padania Libera	radio	DVB-S	5/6	22.000		
11.566	H Wide	Globecast	package	DVB-S2	3/4	29.900		
	Wide	EuroNews English	TV	DVB-S2	3/4	29.900		
	Wide	KTV 1	TV	DVB-S2	3/4	29.900		
	Wide	TRT World	TV	DVB-S2	3/4	29.900		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Bahrain TV	TV	DVB-S2	3/4	29.900		
	Wide	France 24 Français	TV	DVB-S2	3/4	29.900		
	Wide	France 24 English	TV	DVB-S2	3/4	29.900		
	Wide	Radio Kuwait Main Program	radio	DVB-S2	3/4	29.900		
	Wide	Radio Kuwait Quran	radio	DVB-S2	3/4	29.900		
11.604	H Wide	Media Broadcast Satellite	package	DVB-S	5/6	27.500		
	Wide	Media Broadcast Satellite promo	TV	DVB-S	5/6	27.500		
	Wide	Iran e Aryaee TV	TV	DVB-S	5/6	27.500		
	Wide	TV Rus	TV	DVB-S	5/6	27.500		
	Wide	Radio POS AC	radio	DVB-S	5/6	27.500		
	Wide	Radio POS Soft AC	radio	DVB-S	5/6	27.500		
	Wide	Radio POS CHR	radio	DVB-S	5/6	27.500		
	Wide	Radio POS Hot AC	radio	DVB-S	5/6	27.500		
	Wide	Radio POS Euro AC	radio	DVB-S	5/6	27.500		
	Wide	Radio POS	radio	DVB-S	5/6	27.500		
11.623	V Wide	Globecast	package	DVB-S	3/4	27.500		
	Wide	Tele Congo	TV	DVB-S	3/4	27.500		
	Wide	Airrang World	TV	DVB-S	3/4	27.500		
	Wide	ERT World	TV	DVB-S	3/4	27.500		
	Wide	Belarus 24	TV	DVB-S	3/4	27.500		
	Wide	Soyuz	TV	DVB-S	3/4	27.500		
	Wide	Canal Algérie	TV	DVB-S	3/4	27.500		
	Wide	Thalitha TV	TV	DVB-S	3/4	27.500		
	Wide	Radio 2000	radio	DVB-S	3/4	27.500		
	Wide	France Maghreb 2 Province	radio	DVB-S	3/4	27.500		
	Wide	Radio Orient	radio	DVB-S	3/4	27.500		
	Wide	Proto Programma	radio	DVB-S	3/4	27.500		
	Wide	Deftero Programma	radio	DVB-S	3/4	27.500		
	Wide	Trito Programma	radio	DVB-S	3/4	27.500		
	Wide	ERA Spor	radio	DVB-S	3/4	27.500		
	Wide	I Foni tis Elladas	radio	DVB-S	3/4	27.500		
	Wide	Radio Congo	radio	DVB-S	3/4	27.500		
	Wide	Radio Belarus	radio	DVB-S	3/4	27.500		
11.681	H 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	ARTE Français	TV	DVB-S2	3/4	27.500		
11.727	V Wide	SCT promo	TV	DVB-S	3/4	27.500		
	Wide	Alice	TV	DVB-S	3/4	27.500		
	Wide	Telesur	TV	DVB-S	3/4	27.500		
	Wide	TBN Europe	TV	DVB-S	3/4	27.500		
	Wide	Life TV	TV	DVB-S	3/4	27.500		
	Wide	TCI	TV	DVB-S	3/4	27.500		
	Wide	Hillsong Channel	TV	DVB-S	3/4	27.500		
	Wide	Smile TV	TV	DVB-S	3/4	27.500		
	Wide	Juce TV	TV	DVB-S	3/4	27.500		
	Wide	Al Horreya TV	TV	DVB-S	3/4	27.500		
	Wide	TBN Polska	TV	DVB-S	3/4	27.500		
	Wide	TBN Nejat TV	TV	DVB-S	3/4	27.500		
	Wide	Kanal Hayat	TV	DVB-S	3/4	27.500		Tuk
11.785	H Wide	Sky Italia	package	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Cinema Cult	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Cinema Hits	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Cinema Max	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Fox Italia	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Fox Crime Italia	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Arte Atelier	TV	DVB-S2	3/4	29.900		
	Wide	DMAX Italia	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Cartoon Network Italia	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Milan TV	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Uno +1	TV	DVB-S2	3/4	29.900	Videoguard	
11.823	H Wide	Novasports Live Stats	TV	DVB-S2	3/4	27.500	Irdeto	Greek
	Wide	Ecclesia Radio	radio	DVB-S2	3/4	27.500		
11.843	V Wide	Sky Italia	package	DVB-S2	3/4	29.900	Videoguard	
	Wide	Fox Sports Italia	TV	DVB-S2	3/4	29.900	Videoguard	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	MTV Italia	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Sport Plus	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Primafila 1	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Calcio 8	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Cinema Uno +1	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Cinema Max +1	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Calcio 7	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Primafila 3	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Juventus TV	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Fox Animation	TV	DVB-S2	3/4	29.900	Videoguard	
11.862	H Wide	Sky Italia	package	DVB-S	5/6	29.900	Videoguard	
	Wide	DeA Kids +1	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Meteo 24	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky TG 24 mosaico	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky TG 24 Primo Piano	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky TG 24 Rassegne	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky TG 24 Eventi	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Pesca	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Doctor's Life Channel	TV	DVB-S	5/6	29.900	Videoguard	
11.881	V Wide	National Geographic Italia	TV	DVB-S	3/4	27.500	Videoguard	
11.900	H Wide	Sky Italia	package	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Sport F1 HD	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Torino Channel	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Inter Channel	TV	DVB-S2	3/4	29.900	Videoguard	
11.958	V Wide	Sky Italia	package	DVB-S	3/4	27.500	Videoguard	
	Wide	Sky Sport Moto GP HD	TV	DVB-S	3/4	27.500	Videoguard	
	Wide	Sky Sport 1	TV	DVB-S	3/4	27.500	Videoguard	
	Wide	Sky Sport 2	TV	DVB-S	3/4	27.500	Videoguard	
	Wide	Sky SuperCalcio	TV	DVB-S	3/4	27.500	Videoguard	
	Wide	Sky Uno +1	TV	DVB-S	3/4	27.500	Videoguard	
	Wide	Sky Sport 24	TV	DVB-S	3/4	27.500	Videoguard	
	Wide	Disney XD Italia	TV	DVB-S	3/4	27.500	Videoguard	
	Wide	Radio Kiss Kiss	radio	DVB-S	3/4	27.500		
	Wide	Radio Number One	radio	DVB-S	3/4	27.500		
	Wide	Dimensione Suono Soft	radio	DVB-S	3/4	27.500		
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	
	Wide	Fox News Channel	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Roma TV	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky News International	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Lazio Style TV	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Ginx eSports TV Italia	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Fox Italia	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Vetrina Primafila	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Nat Geo Wild Italia	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Fox Life Italia	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Blaze Italia	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Cinema Cult	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Fox Crime Italia	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Gambero Rosso Channel	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	The History Channel Italia	TV	DVB-S	5/6	29.900	Videoguard	
11.996	V Wide	Sky Italia	package	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Sport Mix	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Sport 2	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Discovery Science	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Cinema Comedy	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Cinema Classics	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Sport 24	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sportitalia	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Arte HD	TV	DVB-S2	3/4	29.900	Videoguard	
12.015	H Wide	MTV Live HD	TV	DVB-S2	3/4	27.500	Conax/Irdeto/Mediaguard/Nagravision/Viaccess/Videoguard/Verimatrix	English
	Wide	Nicktoons Polska	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Viaccess	Polish

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	VOD 202	TV	DVB-S2	3/4	27.500	Nagravision	
	Wide	VOD 203	TV	DVB-S2	3/4	27.500	Nagravision	
	Wide	VOD 204	TV	DVB-S2	3/4	27.500	Nagravision	
	Wide	VOD 205	TV	DVB-S2	3/4	27.500	Nagravision	
	Wide	VOD 206	TV	DVB-S2	3/4	27.500	Nagravision	
	Wide	VOD 207	TV	DVB-S2	3/4	27.500	Nagravision	
	Wide	VOD 208	TV	DVB-S2	3/4	27.500	Nagravision	
	Wide	Xxx VOD 1	TV	DVB-S2	3/4	27.500	Nagravision	
12.034	V	Wide	Sky Cinema Uno	TV	DVB-S	5/6	Y 29.900	Videoguard
	Wide	Sky Cinema Family	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Cinema Uno +24	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Cinema Classics	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Disney Channel Italia +2	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Cinema Max	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Disney Channel Italia	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Discovery Channel Italia	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Cinema Passion	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Disney Junior Italia	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Eurosport 2 Italia	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	CNN International Europe	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Radio InBlu	radio	DVB-S	5/6	29.900		
	Wide	Vatican Radio 105 FM	radio	DVB-S	5/6	29.900		
12.054	H	Wide	Sky Italia	package	DVB-S	5/6	29.900	Videoguard
	Wide	Eurosport 1 Italia	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Calcio 1	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	MTV Rocks	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	MTV Hits UK	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Primafila 20	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Sport 3	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Cinema Max +1	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Uno	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Blu	TV	DVB-S	5/6	29.900		
	Wide	Sky Cinema Uno +1	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Cinema Hits	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Cinema Comedy	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Mosaico Sky Cinema	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Fox Sports Italia	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Disney Junior Italia +1	TV	DVB-S	5/6	29.900	Videoguard	
12.073	V	Wide	Sky Italia	package	DVB-S	5/6	29.900	Videoguard
	Wide	Sky Atlantic HD	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Primafila 13	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Primafila 11	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Primafila 9	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Primafila 7	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Primafila 5	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Calcio 2	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Primafila 3	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Calcio 3	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Calcio 4	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Calcio 5	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Calcio 6	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Calcio 7	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Sport F1 HD	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Dove TV	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Lei	TV	DVB-S	5/6	29.900	Videoguard	
12.092	H	Wide	Sky Italia	package	DVB-S2	3/4	29.900	Videoguard
	Wide	Fox Life Italia	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	The History Channel Italia	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Nat Geo People	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Nat Geo Wild Italia	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky TG 24	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Arte Network	TV	DVB-S2	3/4	29.900		
	Wide	Blaze Italia	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Match Music	TV	DVB-S2	3/4	29.900		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Fashion TV Europe	TV	DVB-S2	3/4	29.900		
	Wide	Fox Comedy Italia	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Crime + Investigation Network Italia	TV	DVB-S2	3/4	29.900	Videoguard	
12.149	V Wide	Eutelsat	package	DVB-S	3/4	27.500		
	Wide	Watania 1	TV	DVB-S	3/4	27.500		
	Wide	Cine Film	TV	DVB-S	3/4	27.500		
	Wide	Cine Series	TV	DVB-S	3/4	27.500		
	Wide	CCTV 4 Europe	TV	DVB-S	3/4	27.500		
	Wide	King TV Network	TV	DVB-S	3/4	27.500		Farsi
	Wide	Bethel TV	TV	DVB-S	3/4	27.500		
	Wide	People TV	TV	DVB-S	3/4	27.500		
	Wide	CNC World English	TV	DVB-S	3/4	27.500		
	Wide	Baeynat Satellite Channel	TV	DVB-S	3/4	27.500		
	Wide	Khane Film	TV	DVB-S	3/4	27.500		
	Wide	Radio Culturelle	radio	DVB-S	3/4	27.500		
	Wide	Radio Nationale	radio	DVB-S	3/4	27.500		
	Wide	Radio Tunis Chaîne Internationale	radio	DVB-S	3/4	27.500		
	Wide	Radio Freccia	radio	DVB-S	3/4	27.500		
	Wide	Radio Italia	radio	DVB-S	3/4	27.500		
	Wide	RMC Sport	radio	DVB-S	3/4	27.500		
	Wide	Radio Sportiva	radio	DVB-S	3/4	27.500		
	Wide	RTL 102.5 FM	radio	DVB-S	3/4	27.500		
	Wide	Radio Zeta FM	radio	DVB-S	3/4	27.500		
	Wide	Radio 24	radio	DVB-S	3/4	27.500		
	Wide	DiscoRadio	radio	DVB-S	3/4	27.500		
	Wide	Radio Deejay	radio	DVB-S	3/4	27.500		
	Wide	Radio Capital	radio	DVB-S	3/4	27.500		
	Wide	M2o	radio	DVB-S	3/4	27.500		
	Wide	Radio Iglesias	radio	DVB-S	3/4	27.500		
	Wide	Radio Beckwith Evangelica	radio	DVB-S	3/4	27.500		
	Wide	Radio Popolare	radio	DVB-S	3/4	27.500		
	Wide	Radio Mater	radio	DVB-S	3/4	27.500		
12.169	H Wide	Vouli Tileorasi	TV	DVB-S2	3/4	27.500		
12.188	V Wide	Polsat Romans	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Via	Polish ccess
	Wide	Muzo FM	radio	DVB-S2	3/4	27.500		
	Wide	RMF Classic	radio	DVB-S2	3/4	27.500		
	Wide	Radio Zet	radio	DVB-S2	3/4	27.500		
	Wide	RMF Maxxx	radio	DVB-S2	3/4	27.500		
	Wide	Melo Radio	radio	DVB-S2	3/4	27.500		
	Wide	Radio Zlote Przeboje	radio	DVB-S2	3/4	27.500		
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	
	Wide	Cielo	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Disney Channel Italia	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Eurosport 2 Italia	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Classica HD	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Real Time	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Disney XD Italia	TV	DVB-S2	3/4	29.900	Videoguard	
12.226	V Wide	VoA	package	DVB-S	3/4	27.500		
	Wide	Alhurra TV Europe	TV	DVB-S	3/4	27.500		
	Wide	Nastoyashcheye Vremya	TV	DVB-S	3/4	27.500		
	Wide	Nastoyashcheye Vremya	TV	DVB-S	3/4	27.500		
	Wide	Radio Farda TV	TV	DVB-S	3/4	27.500		
	Wide	VoA TV Persian	TV	DVB-S	3/4	27.500		
	Wide	VoA TV Europe	TV	DVB-S	3/4	27.500		
	Wide	American Embassy TV Network	TV	DVB-S	3/4	27.500		
	Wide	Radio Svoboda	radio	DVB-S	3/4	27.500		
	Wide	Radio Svoboda Ukraina	radio	DVB-S	3/4	27.500		
	Wide	Ozodlik Radiosi	radio	DVB-S	3/4	27.500		
	Wide	Radio Svoboda	radio	DVB-S	3/4	27.500		
	Wide	Radio Tavisupleba	radio	DVB-S	3/4	27.500		
	Wide	Radio Azatutyun	radio	DVB-S	3/4	27.500		
	Wide	Deewa Radio	radio	DVB-S	3/4	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Mashaal Radio	radio	DVB-S	3/4	27.500		
	Wide	Azattyk Unalgysy	radio	DVB-S	3/4	27.500		
	Wide	Ozodlik Radiosi	radio	DVB-S	3/4	27.500		
	Wide	Azadliq Radiosu	radio	DVB-S	3/4	27.500		
	Wide	Azattyk Radiosy	radio	DVB-S	3/4	27.500		
	Wide	Azadliq Radiosi	radio	DVB-S	3/4	27.500		
	Wide	Radio Liberty North Caucasus	radio	DVB-S	3/4	27.500		
	Wide	Radio Europa Libera	radio	DVB-S	3/4	27.500		
	Wide	Radio Slobodna Evropa	radio	DVB-S	3/4	27.500		
	Wide	Radio Farda	radio	DVB-S	3/4	27.500		
	Wide	Radio Evropa e Lirë	radio	DVB-S	3/4	27.500		
	Wide	Ekho Kavkaza	radio	DVB-S	3/4	27.500		
	Wide	Voice of America	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	Voice of America	radio	DVB-S	3/4	27.500		Kir
	Wide	Radio Free Europe/Radio Liberty	radio	DVB-S	3/4	27.500		Kir
	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		
	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	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	Voice of America	radio	DVB-S	3/4	27.500		
	Wide	Radio Free Europe/Radio Liberty	radio	DVB-S	3/4	27.500		Bel
	Wide	Radio Farda	radio	DVB-S	3/4	27.500		
	Wide	Voice of America	radio	DVB-S	3/4	27.500		
	Wide	VoA 1	radio	DVB-S	3/4	27.500		
	Wide	Radio Evropa e Lirë	radio	DVB-S	3/4	27.500		
	Wide	VoA 1	radio	DVB-S	3/4	27.500		
	Wide	Voice of America	radio	DVB-S	3/4	27.500		
	Wide	Radio Slobodna Evropa Makedonija	radio	DVB-S	3/4	27.500		
	Wide	Voice of America	radio	DVB-S	3/4	27.500		
	Wide	Radio Slobodna Evropa	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	Voice of America	radio	DVB-S	3/4	27.500		
	Wide	Radio Sawa North Africa	radio	DVB-S	3/4	27.500		
	Wide	Radio Free Asia	radio	DVB-S	3/4	27.500		
	Wide	Radio Sawa Sudan	radio	DVB-S	3/4	27.500		
	Wide	Radio Sawa Lebanon	radio	DVB-S	3/4	27.500		
	Wide	Radio Sawa Levant	radio	DVB-S	3/4	27.500		
	Wide	Radio Sawa Iraq	radio	DVB-S	3/4	27.500		
	Wide	Radio Sawa Egypt	radio	DVB-S	3/4	27.500		
	Wide	Radio Sawa The Gulf	radio	DVB-S	3/4	27.500		
	Wide	VoA Africa Live	radio	DVB-S	3/4	27.500		
	Wide	Voice of America	radio	DVB-S	3/4	27.500		
	Wide	Voice of America	radio	DVB-S	3/4	27.500		
12.245	H Wide	Sky Italia	package	DVB-S	5/6	29.900	Videoguard	
	Wide	Fox Italia +1	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Fox Crime Italia +1	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Fox Life Italia +1	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Loveworld TV	TV	DVB-S	5/6	29.900		
	Wide	Nick Jr Italia +1	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Wine TV	TV	DVB-S	5/6	29.900		
	Wide	Canale Italia 83	TV	DVB-S	5/6	29.900		
	Wide	Archi News 24	TV	DVB-S	5/6	29.900		
	Wide	Fox Crime Italia +2	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Canale Italia 84	TV	DVB-S	5/6	29.900		
	Wide	The History Channel Italia +1	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	National Geographic Italia +1	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	One TV	TV	DVB-S	5/6	29.900		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Italian Fishing TV	TV	DVB-S	5/6	29.900		
	Wide	Radio Radio TV	TV	DVB-S	5/6	29.900		
	Wide	Radio Radio	radio	DVB-S	5/6	29.900		
12.265	V Wide	Polsat Sport Extra	TV	DVB-S2	3/4	27.500	Nagravision	Polish
12.284	H Wide	TNT Polska	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Via ccess	Polish,English
12.303	V Wide	Rai 4K	TV	DVB-S2	2/3	27.500	Nagravision	Italian
12.322	H Wide	Rede Internacional de TV	TV	DVB-S	3/4	27.500		
	Wide	Shant TV	TV	DVB-S	3/4	27.500		
	Wide	BBC Persian	TV	DVB-S	3/4	27.500		
	Wide	Angel TV	TV	DVB-S	3/4	27.500		
	Wide	Pars TV	TV	DVB-S	3/4	27.500		
	Wide	Erfan Halgheh TV	TV	DVB-S	3/4	27.500		
	Wide	Kurdistan 24	TV	DVB-S	3/4	27.500		
	Wide	Karbala Satellite Channel	TV	DVB-S	3/4	27.500		
	Wide	Al-Zahra TV	TV	DVB-S	3/4	27.500		
	Wide	Kurdistan 24 Radio	radio	DVB-S	3/4	27.500		
12.341	V Wide	Sky Cinema Uno	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Calcio 3	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Calcio 4	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Primafila 9	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Primafila 11	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Uno	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Sport 1	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Atlantic HD	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	National Geographic Italia	TV	DVB-S2	3/4	29.900	Videoguard	
12.360	H Wide	Sky Italia	package	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky SuperCalcio	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Discovery Travel & Living Italy	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Cinema Uno +24	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Cinema Passion	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Sport 3	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Cinema Family	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	TV 8	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Cinema Family +1	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Atlantic HD +1	TV	DVB-S2	3/4	29.900	Videoguard	
12.380	V Wide	Globecast	package	DVB-S	3/4	27.500		
	Wide	Nabaa TV	TV	DVB-S	3/4	27.500		
	Wide	ERI TV 1	TV	DVB-S	3/4	27.500		
	Wide	Sunna TV	TV	DVB-S	3/4	27.500		
	Wide	Alalam News Channel	TV	DVB-S	3/4	27.500		
	Wide	Qur'an Hidayah English	TV	DVB-S	3/4	27.500		
	Wide	Coran Hidaiah Français	TV	DVB-S	3/4	27.500		
	Wide	Corán Hidaiah Español	TV	DVB-S	3/4	27.500		
	Wide	CGN TV	TV	DVB-S	3/4	27.500		
	Wide	EuroNews Russkiy	TV	DVB-S	3/4	27.500		
	Wide	EuroNews Magyar	TV	DVB-S	3/4	27.500		
	Wide	Koran Hedayah	TV	DVB-S	3/4	27.500		
	Wide	Koran Hidayah	TV	DVB-S	3/4	27.500		
	Wide	Kur'an Hidajeh	TV	DVB-S	3/4	27.500		
	Wide	Kur'ani Hedaya Shqip	TV	DVB-S	3/4	27.500		
	Wide	Qur'an Hidayah Persian	TV	DVB-S	3/4	27.500		
	Wide	Al Rayyan Radio	radio	DVB-S	3/4	27.500		
	Wide	Radio Zara FM	radio	DVB-S	3/4	27.500		
	Wide	Dimtsi Hafash	radio	DVB-S	3/4	27.500		
	Wide	Emarat FM	radio	DVB-S	3/4	27.500		
	Wide	RFI Français	radio	DVB-S	3/4	27.500		
12.399	H Wide	Etisalat	package	DVB-S2	2/3	29.700		
	Wide	Sama Dubai	TV	DVB-S2	2/3	29.700		
	Wide	Dubai TV	TV	DVB-S2	2/3	29.700		
	Wide	Dubai Sports	TV	DVB-S2	2/3	29.700		
	Wide	Noor Dubai Radio	radio	DVB-S2	2/3	29.700		
12.418	V Wide	Sky Italia	package	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Calcio 5	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Calcio 6	TV	DVB-S2	3/4	29.900	Videoguard	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Sky Primafila 7	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Calcio 1	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Eurosport 1 Italia	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Calcio 2	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Primafila 5	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Sky Primafila 13	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Bike Channel	TV	DVB-S2	3/4	29.900	Videoguard	
	Wide	Roma TV	TV	DVB-S2	3/4	29.900	Videoguard	
12.437	H Wide	IRIB	package	DVB-S2	3/4	29.900		
	Wide	IRINN	TV	DVB-S2	3/4	29.900		
	Wide	Quran TV	TV	DVB-S2	3/4	29.900		
	Wide	IFilm Persian	TV	DVB-S2	3/4	29.900		Farsi,Arabic
	Wide	Nasim	TV	DVB-S2	3/4	29.900		
	Wide	Jame-Jam TV Network	TV	DVB-S2	3/4	29.900		
	Wide	Sahar Francophone	TV	DVB-S2	3/4	29.900		
	Wide	Sahar Balkan	TV	DVB-S2	3/4	29.900		
	Wide	Sahar Azeri	TV	DVB-S2	3/4	29.900		
	Wide	Sahar Urdu	TV	DVB-S2	3/4	29.900		
	Wide	Sahar Kurdi	TV	DVB-S2	3/4	29.900		
	Wide	Alkawthar TV	TV	DVB-S2	3/4	29.900		
	Wide	Press TV	TV	DVB-S2	3/4	29.900		
	Wide	Hispan TV	TV	DVB-S2	3/4	29.900		
	Wide	IFilm English	TV	DVB-S2	3/4	29.900		
	Wide	Radio Iran	radio	DVB-S2	3/4	29.900		
	Wide	Radio Payam	radio	DVB-S2	3/4	29.900		
	Wide	Radio Javan	radio	DVB-S2	3/4	29.900		
	Wide	Radio Maaref	radio	DVB-S2	3/4	29.900		
	Wide	Radio Quran	radio	DVB-S2	3/4	29.900		
	Wide	Radio Farhang	radio	DVB-S2	3/4	29.900		
	Wide	Radio Salamati	radio	DVB-S2	3/4	29.900		
	Wide	Radio Varzesh	radio	DVB-S2	3/4	29.900		
	Wide	Radio Eghtesad	radio	DVB-S2	3/4	29.900		
	Wide	Radio Tehran	radio	DVB-S2	3/4	29.900		
	Wide	Radio Ava	radio	DVB-S2	3/4	29.900		
	Wide	Radio Namayesh	radio	DVB-S2	3/4	29.900		
	Wide	Radio Farsi	radio	DVB-S2	3/4	29.900		
	Wide	IRIB World Service Radio 7	radio	DVB-S2	3/4	29.900		
	Wide	IRIB World Service Radio 3	radio	DVB-S2	3/4	29.900		
	Wide	Radio Telavat	radio	DVB-S2	3/4	29.900		
	Wide	Radio Goftogoo	radio	DVB-S2	3/4	29.900		
	Wide	IRIB World Service Radio 1	radio	DVB-S2	3/4	29.900		
	Wide	IRIB World Service Radio 2	radio	DVB-S2	3/4	29.900		
	Wide	IRIB World Service Radio 4	radio	DVB-S2	3/4	29.900		
	Wide	IRIB World Service Radio 5	radio	DVB-S2	3/4	29.900		
	Wide	IRIB World Service Radio 6	radio	DVB-S2	3/4	29.900		
12.466	V Wide	Sky Italia	package	DVB-S2	5/6	29.900	Videoguard	
12.476	H Wide	Globecast	package	DVB-S2	3/4	29.900		
	Wide	RT News	TV	DVB-S2	3/4	29.900		
	Wide	RT Documentary	TV	DVB-S2	3/4	29.900		
	Wide	Super Tennis	TV	DVB-S2	3/4	29.900		
	Wide	Telepace	TV	DVB-S2	3/4	29.900		
	Wide	EuroNews Italiano	TV	DVB-S2	3/4	29.900		
	Wide	EuroNews Ellinika	TV	DVB-S2	3/4	29.900		
	Wide	Abu Dhabi TV Europe	TV	DVB-S2	3/4	29.900		
	Wide	Al Rayyan Satellite Channel	TV	DVB-S2	3/4	29.900		
	Wide	Radio Vaticana Telepace	radio	DVB-S2	3/4	29.900		
	Wide	Sout Al Islam	radio	DVB-S2	3/4	29.900		
12.520	V Wide	STN	package	DVB-S	5/6	27.500		
	Wide	TV Koper Capodistria	TV	DVB-S	5/6	27.500		
	Wide	Ronahi TV	TV	DVB-S	5/6	27.500		
	Wide	Med Muzik	TV	DVB-S	5/6	27.500		
	Wide	Fadak TV	TV	DVB-S	5/6	27.500		
	Wide	Alaraby TV 2	TV	DVB-S	5/6	27.500		
	Wide	Kentron TV International	TV	DVB-S	5/6	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Stêrk	TV	DVB-S	5/6	27.500		
	Wide	Çira TV	TV	DVB-S	5/6	27.500		
	Wide	Somaliland National TV	TV	DVB-S	5/6	27.500		
	Wide	Syria TV	TV	DVB-S	5/6	27.500		Arabic
	Wide	Al Malakoot Sat	TV	DVB-S	5/6	27.500		
	Wide	Radio Capodistria	radio	DVB-S	5/6	27.500		
	Wide	Rangarang Radio	radio	DVB-S	5/6	27.500		
	Wide	Radio Al-Mahabba	radio	DVB-S	5/6	27.500		
	Wide	Radio Hargeisa	radio	DVB-S	5/6	27.500		
	Wide	Quran Radio Hargeisa	radio	DVB-S	5/6	27.500		
12.597	V Wide	Globecast	package	DVB-S	3/4	27.500		
	Wide	BBC World News Europe	TV	DVB-S	3/4	27.500		
	Wide	Perviy kanal Europa	TV	DVB-S	3/4	27.500		
	Wide	BBC Arabic	TV	DVB-S	3/4	27.500		
	Wide	JSTV 1	TV	DVB-S	3/4	27.500	Conax/Cryptoworks	
	Wide	JSTV 2	TV	DVB-S	3/4	27.500	Conax/Cryptoworks	
	Wide	EuroNews English	TV	DVB-S	3/4	27.500		
	Wide	Perviy kanal Europa	TV	DVB-S	3/4	27.500		
	Wide	RT Documentary	TV	DVB-S	3/4	27.500		
	Wide	BBC World Service Arabic	radio	DVB-S	3/4	27.500		
	Wide	BBC World Service English Europe	radio	DVB-S	3/4	27.500		
	Wide	BBC World Service English Middle East	radio	DVB-S	3/4	27.500		
	Wide	BBC World Service Horn of Africa	radio	DVB-S	3/4	27.500		
	Wide	Radio Japan	radio	DVB-S	3/4	27.500	Conax/Cryptoworks	
	Wide	National Prison Radio	radio	DVB-S	3/4	27.500		
12.635	V Wide	La Effe	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Boomerang Italia	TV	DVB-S	5/6	29.900	Videoguard	
12.673	V Wide	Sky Italia	package	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Primafila 2	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	A2i	TV	DVB-S	5/6	29.900		
	Wide	AB Channel	TV	DVB-S	5/6	29.900		
	Wide	Nickelodeon Italia +1	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Comedy Central Italia +1	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Primafila 22	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Primafila 28	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	La 9	TV	DVB-S	5/6	29.900		
	Wide	Parole di Vita	TV	DVB-S	5/6	29.900		
	Wide	Fox Business	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Primafila 4	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Primafila 6	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	ITV Italia	TV	DVB-S	5/6	29.900		
	Wide	Amici Animali TV	TV	DVB-S	5/6	29.900		Italian
	Wide	Arte Italia 124	TV	DVB-S	5/6	29.900		
	Wide	Sky Primafila 21	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Radio Deejay	radio	DVB-S	5/6	29.900	Videoguard	
	Wide	M2o	radio	DVB-S	5/6	29.900	Videoguard	
	Wide	Radio Capital	radio	DVB-S	5/6	29.900	Videoguard	
	Wide	R101	radio	DVB-S	5/6	29.900	Videoguard	
	Wide	Radio Italia	radio	DVB-S	5/6	29.900	Videoguard	
	Wide	Radio 24	radio	DVB-S	5/6	29.900	Videoguard	
	Wide	Radio Dimensione Suono	radio	DVB-S	5/6	29.900	Videoguard	
	Wide	Radio Web Italia All the Music & News	radio	DVB-S	5/6	29.900		

EUTELSAT HOT BIRD 13C

10.719	V Wide	TVP Info	TV	DVB-S2	3/4	27.500		
10.758	V Wide	VOD 202	TV	DVB-S2	3/4	27.500	Nagravision	Polish
	Wide	VOD 203	TV	DVB-S2	3/4	27.500	Irdeto/Nagravision	Polish
	Wide	VOD 204	TV	DVB-S2	3/4	27.500	Nagravision	Polish
	Wide	Stars TV	TV	DVB-S2	3/4	27.500		
	Wide	4 Fun TV	TV	DVB-S2	3/4	27.500		
	Wide	4 Fun Gold	TV	DVB-S2	3/4	27.500		
	Wide	4 Fun Dance	TV	DVB-S2	3/4	27.500		
10.796	V Wide	Discovery Life Polska	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Via ccess	Polish

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Vox Music TV	TV	DVB-S2	3/4	27.500		
	Wide	TVS	TV	DVB-S2	3/4	27.500		
	Wide	Eska Rock TV	TV	DVB-S2	3/4	27.500		
10.834	V Wide	Kino Polska Muzyka	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Via ccess	Polish
10.853	H Wide	MX1	package	DVB-S2	2/3	29.900		
	Wide	Canale Italia	TV	DVB-S2	2/3	29.900		
	Wide	Automoto TV	TV	DVB-S2	2/3	29.900		
	Wide	Orler TV	TV	DVB-S2	2/3	29.900		
	Wide	TRC Sat	TV	DVB-S2	2/3	29.900		
	Wide	La TV dei Tifosi	TV	DVB-S2	2/3	29.900		
	Wide	Marcopolo	TV	DVB-S2	2/3	29.900		
	Wide	Lazio TV Latina	TV	DVB-S2	2/3	29.900		
	Wide	Italia Channel	TV	DVB-S2	2/3	29.900		
	Wide	Arte Investimenti	TV	DVB-S2	2/3	29.900		
	Wide	Lombardia Sat	TV	DVB-S2	2/3	29.900		
	Wide	Viva l'Italia Channel	TV	DVB-S2	2/3	29.900		
	Wide	TRM h24	TV	DVB-S2	2/3	29.900		
	Wide	Donna TV	TV	DVB-S2	2/3	29.900		
	Wide	TV Art Live	TV	DVB-S2	2/3	29.900		
	Wide	Gambero Rosso Channel	TV	DVB-S2	2/3	29.900	Videoguard	
10.873	V Wide	SNRT	package	DVB-S2	3/4	27.500		
	Wide	Al Aoula Middle East	TV	DVB-S2	3/4	27.500		
	Wide	Athaqafia	TV	DVB-S2	3/4	27.500		
	Wide	Al Maghribia	TV	DVB-S2	3/4	27.500		
	Wide	Al Aoula Europe	TV	DVB-S2	3/4	27.500		
	Wide	Al Aoula Europe	TV	DVB-S2	3/4	27.500		
	Wide	Assadissa	TV	DVB-S2	3/4	27.500		
	Wide	Medi 1 TV Afrique	TV	DVB-S2	3/4	27.500		
	Wide	Arryadia	TV	DVB-S2	3/4	27.500		
	Wide	Arryadia Live	TV	DVB-S2	3/4	27.500		
	Wide	Tamazight	TV	DVB-S2	3/4	27.500		Ber
	Wide	Radio Agadir	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	Medi 1 Afrique	radio	DVB-S2	3/4	27.500		
	Wide	Idaa al Watania	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		
	Wide	Idaa al Watania	radio	DVB-S2	3/4	27.500		
	Wide	Idaa Mohammed Assadiss	radio	DVB-S2	3/4	27.500		
	Wide	Radio Dakhla	radio	DVB-S2	3/4	27.500		
	Wide	Radio Fes	radio	DVB-S2	3/4	27.500		
	Wide	Radio Tanger	radio	DVB-S2	3/4	27.500		
10.892	H Wide	Motowizja	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Via ccess	Polish
10.911	V Wide	Sundance TV Europe	TV	DVB-S2	3/4	27.500	Conax/Mediaguard/Nagravision/Via ccess	Polish
10.930	H Wide	Shant Premium	TV	DVB-S2	2/3	30.000	Conax	
	Wide	Armenia HD	TV	DVB-S2	2/3	30.000	Conax	
	Wide	HSE 24 Italia	TV	DVB-S2	2/3	30.000		
	Wide	UA TV	TV	DVB-S2	2/3	30.000		
	Wide	Baby TV Europe	TV	DVB-S2	2/3	30.000	Conax/Mediaguard/Nagravision/Via ccess	Tuk
10.992	V Wide	RAI	package	DVB-S	2/3	27.500		
	Wide	Rai 1	TV	DVB-S	2/3	Y 27.500		
	Wide	Rai 2	TV	DVB-S	2/3	Y 27.500		
	Wide	Rai 3	TV	DVB-S	2/3	Y 27.500		
	Wide	Rai News 24	TV	DVB-S	2/3	Y 27.500		
	Wide	Rai Radio Tutta Italiana	radio	DVB-S	2/3	27.500		
	Wide	Rai Radio 1	radio	DVB-S	2/3	27.500		
	Wide	Rai Radio 2	radio	DVB-S	2/3	27.500		
	Wide	Rai Radio 3	radio	DVB-S	2/3	27.500		
11.034	V Wide	Globecast	package	DVB-S	3/4	27.500		
	Wide	Algérie 5	TV	DVB-S	3/4	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Algérie 4	TV	DVB-S	3/4	27.500		
	Wide	TNT International	TV	DVB-S	3/4	27.500		
	Wide	Shanson TV Hotbird	TV	DVB-S	3/4	27.500		
	Wide	2M Monde	TV	DVB-S	3/4	27.500		
	Wide	CGTN	TV	DVB-S	3/4	27.500		
	Wide	STS International	TV	DVB-S	3/4	27.500		
	Wide	RTR Planeta	TV	DVB-S	3/4	27.500		
	Wide	Boutique TV	TV	DVB-S	3/4	27.500		
	Wide	Rossiya 24	TV	DVB-S	3/4	27.500		
	Wide	NTV Mir	TV	DVB-S	3/4	27.500		
	Wide	Ganj e Hozour TV	TV	DVB-S	3/4	27.500		
	Wide	8 Kanal Evrope	TV	DVB-S	3/4	27.500		
	Wide	Chaîne 1	radio	DVB-S	3/4	27.500		
	Wide	Radio 2M	radio	DVB-S	3/4	27.500		
	Wide	Chaîne 2	radio	DVB-S	3/4	27.500		Ber
	Wide	Chaîne 3	radio	DVB-S	3/4	27.500		
11.137	H Wide	Arqiva	package	DVB-S	3/4	27.500		
	Wide	Bloomberg TV Europe	TV	DVB-S	3/4	27.500		
	Wide	Aljazeera English	TV	DVB-S	3/4	27.500		
	Wide	Aljazeera English	TV	DVB-S	3/4	27.500		
	Wide	TV 5 Monde Europe	TV	DVB-S	3/4	27.500		
	Wide	WE1 promo	TV	DVB-S	3/4	27.500		Farsi
	Wide	Manoto	TV	DVB-S	3/4	27.500		
11.179	H Wide	Telespazio	package	DVB-S	3/4	27.500		
	Wide	CTV	TV	DVB-S	3/4	27.500		
	Wide	Marjaeyat TV Hotbird	TV	DVB-S	3/4	27.500		
	Wide	Alkarma TV Middle East 1	TV	DVB-S	3/4	27.500		
	Wide	Toheed TV	TV	DVB-S	3/4	27.500		
	Wide	TVP Polonia	TV	DVB-S	3/4	Y 27.500		
	Wide	Juwelo Italia	TV	DVB-S	3/4	27.500		
11.240	V Wide	Noviy Mir	TV	DVB-S	3/4	27.500		
11.296	H Wide	IKO MG	package	DVB-S	5/6	27.500		
	Wide	Aryen TV	TV	DVB-S	5/6	27.500		
	Wide	CBC	TV	DVB-S	5/6	27.500		
	Wide	Alhawza Alilmiyya TV	TV	DVB-S	5/6	27.500		
	Wide	Yemen TV	TV	DVB-S	5/6	27.500		
	Wide	Wesal Haq	TV	DVB-S	5/6	27.500		
	Wide	Kurdsat	TV	DVB-S	5/6	27.500		
	Wide	Nour TV	TV	DVB-S	5/6	27.500		
	Wide	RTVI Arkhiv	TV	DVB-S	5/6	27.500		
	Wide	Kazakh TV	TV	DVB-S	5/6	27.500		
	Wide	Radio Javan TV	TV	DVB-S	5/6	27.500		
	Wide	Al Nabaa Channel	TV	DVB-S	5/6	27.500		
	Wide	Radio Sana'a	radio	DVB-S	5/6	27.500		
	Wide	Radio Eviva	radio	DVB-S	5/6	27.500		
	Wide	Dengê Welat	radio	DVB-S	5/6	27.500		
11.317	V Wide	unknown	package	DVB-S	3/4	27.500		
	Wide	Rûdaw	TV	DVB-S	3/4	27.500		
	Wide	RT News	TV	DVB-S	3/4	27.500		
	Wide	RT Arabic	TV	DVB-S	3/4	27.500		
	Wide	Rûdaw Radio	radio	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		
	Wide	Armenia TV Europe	TV	DVB-S	3/4	27.500		
	Wide	RTP Internacional Europa	TV	DVB-S	3/4	Y 27.500		
	Wide	Daystar TV	TV	DVB-S	3/4	27.500		
	Wide	Public Radio of Armenia	radio	DVB-S	3/4	27.500		
	Wide	RDP Internacional	radio	DVB-S	3/4	27.500		
	Wide	RDP Antena 1	radio	DVB-S	3/4	27.500		
11.355	V Wide	Sky Italia	package	DVB-S	5/6	29.900	Videoguard	
	Wide	Comedy Central Italia	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	La 7	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	M2o TV	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	MTV Italia	TV	DVB-S	5/6	29.900	Videoguard	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Radio Capital TiVù	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Nick Jr Italia	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	MTV Music Italia	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Class CNBC	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Discovery Travel & Living Italy	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Discovery Science	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	DMAX Italia +1	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	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	X Factor Radio	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	Capital Livetime	radio	DVB-S	5/6	29.900	Videoguard	
	Wide	Capital 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	Extra Beat	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	Dolores O'Riordan	radio	DVB-S	5/6	29.900	Videoguard	
11.373	H Wide	unknown	package	DVB-S2	3/4	27.500		
	Wide	Iran International	TV	DVB-S2	3/4	27.500		
	Wide	Top Calcio 24	TV	DVB-S2	3/4	27.500		
11.393	V Wide	Polo TV	TV	DVB-S2	3/4	27.500		
	Wide	Mango	TV	DVB-S2	3/4	27.500	Y	
	Wide	Nuta TV	TV	DVB-S2	3/4	27.500		
	Wide	NTL	TV	DVB-S2	3/4	27.500		
	Wide	Eska TV Extra	TV	DVB-S2	3/4	27.500		
	Wide	Power TV	TV	DVB-S2	3/4	27.500		
	Wide	To!TV	TV	DVB-S2	3/4	27.500		
	Wide	Food Network EMEA	TV	DVB-S2	3/4	27.500	Conax	Tuk
	Wide	Fine Living	TV	DVB-S2	3/4	27.500	Conax	
	Wide	Travel Channel Europe	TV	DVB-S2	3/4	27.500	Conax	Tuk
11.449	H Wide	Food Network EMEA	TV	DVB-S2	3/4	27.500	Conax	
	Wide	Fine Living	TV	DVB-S2	3/4	27.500	Conax	
	Wide	VOD	TV	DVB-S2	3/4	27.500	Conax	
11.488	H Wide	Polskie Radio 24	radio	DVB-S2	3/4	27.500		
	Wide	Polskie Radio Jedyńka	radio	DVB-S2	3/4	27.500		
	Wide	Polskie Radio Dwójka	radio	DVB-S2	3/4	27.500		
	Wide	Polskie Radio Trójka	radio	DVB-S2	3/4	27.500		
	Wide	Radio Poland	radio	DVB-S2	3/4	27.500		
	Wide	Radio Jasna Góra	radio	DVB-S2	3/4	27.500		
	Wide	Radio Tok FM	radio	DVB-S2	3/4	27.500		
11.526	H Wide	SRF Info	TV	DVB-S2	2/3	29.700	Y	
	Wide	Radio SRF 1	radio	DVB-S2	2/3	29.700		
	Wide	Radio SRF 2 Kultur	radio	DVB-S2	2/3	29.700		
	Wide	Radio SRF 3	radio	DVB-S2	2/3	29.700		
	Wide	Radio SRF Virus	radio	DVB-S2	2/3	29.700		
	Wide	Radio SRF Musikwelle	radio	DVB-S2	2/3	29.700		
	Wide	Radio Rumantsch	radio	DVB-S2	2/3	29.700		
	Wide	RTS La 1ère	radio	DVB-S2	2/3	29.700		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	RTS Espace 2	radio	DVB-S2	2/3	29.700		
	Wide	RTS Couleur 3	radio	DVB-S2	2/3	29.700		
	Wide	RTS Option Musique	radio	DVB-S2	2/3	29.700		
	Wide	RSI Rete Uno	radio	DVB-S2	2/3	29.700		
	Wide	RSI Rete Due	radio	DVB-S2	2/3	29.700		
	Wide	RSI Rete Tre	radio	DVB-S2	2/3	29.700		
	Wide	Radio Swiss Classic Deutsch	radio	DVB-S2	2/3	29.700		
	Wide	Radio Swiss Pop	radio	DVB-S2	2/3	29.700		
	Wide	Radio Swiss Jazz	radio	DVB-S2	2/3	29.700		
	Wide	Radio SRF 4 News	radio	DVB-S2	2/3	29.700		
	Wide	Radio Swiss Classic Français	radio	DVB-S2	2/3	29.700		
	Wide	Radio SRF 1 Aargau Solothurn	radio	DVB-S2	2/3	29.700		
	Wide	Radio SRF 1 Basel Baselland	radio	DVB-S2	2/3	29.700		
	Wide	Radio SRF 1 Bern Freiburg Wallis	radio	DVB-S2	2/3	29.700		
	Wide	Radio SRF 1 Zentralschweiz	radio	DVB-S2	2/3	29.700		
	Wide	Radio SRF 1 Ostschweiz	radio	DVB-S2	2/3	29.700		
	Wide	Radio SRF 1 Zürich Schaffhausen	radio	DVB-S2	2/3	29.700		
	Wide	Radio SRF 1 Graubünden	radio	DVB-S2	2/3	29.700		
	Wide	Radio Swiss Classic Italiano	radio	DVB-S2	2/3	29.700		
11.585	V Wide	CCTV	package	DVB-S2	5/6	27.500		
	Wide	CCTV 4 Europe	TV	DVB-S2	5/6	27.500		
	Wide	CGTN	TV	DVB-S2	5/6	27.500		
	Wide	CGTN Documentary	TV	DVB-S2	5/6	27.500		
	Wide	CGTN Español	TV	DVB-S2	5/6	27.500		
	Wide	CGTN Français	TV	DVB-S2	5/6	27.500		
11.642	H Wide	QVC Italia	TV	DVB-S2	3/4	27.500		
	Wide	LeoVegas TV	TV	DVB-S2	3/4	27.500		
	Wide	RTL 102.5 RadioVisione	TV	DVB-S2	3/4	27.500		
	Wide	Radio Freccia TV	TV	DVB-S2	3/4	27.500		
	Wide	I24 News Français	TV	DVB-S2	3/4	27.500		
	Wide	I24 News English	TV	DVB-S2	3/4	27.500		
	Wide	Radionorba TV	TV	DVB-S2	3/4	27.500		
	Wide	KBS World	TV	DVB-S2	3/4	27.500		
	Wide	HRT 5	TV	DVB-S2	3/4	27.500		
	Wide	Tesory Channel	TV	DVB-S2	3/4	27.500		
	Wide	Sat TV promo	TV	DVB-S2	3/4	27.500		
	Wide	Kurdistan TV	TV	DVB-S2	3/4	27.500		
	Wide	Daystar TV	TV	DVB-S2	3/4	27.500		
	Wide	Bethel TV	TV	DVB-S2	3/4	27.500		
	Wide	Radio Zeta Radiovisione	TV	DVB-S2	3/4	27.500		
11.662	V Wide	Glas Hrvatske	radio	DVB-S2	3/4	27.500		
	Wide	Telespazio	package	DVB-S2	3/4	27.500		
	Wide	Madani Channel English	TV	DVB-S2	3/4	27.500		English
	Wide	GoldBet League	TV	DVB-S2	3/4	27.500		
	Wide	GoldBet Racing	TV	DVB-S2	3/4	27.500		
	Wide	Padre Pio TV	TV	DVB-S2	3/4	27.500		
	Wide	Tele 5	TV	DVB-S2	3/4	27.500		
	Wide	Polonia 1	TV	DVB-S2	3/4	27.500		
	Wide	TVR International	TV	DVB-S2	3/4	27.500	Y	
	Wide	Radio Italia TV	TV	DVB-S2	3/4	27.500		
	Wide	Radio Italia Rap TV	TV	DVB-S2	3/4	27.500		Italian
	Wide	Unire Sat	TV	DVB-S2	3/4	27.500		
	Wide	TeF Channel	TV	DVB-S2	3/4	27.500		
	Wide	Reteconomy	TV	DVB-S2	3/4	27.500		
	Wide	TVA Vicenza	TV	DVB-S2	3/4	27.500		
11.747	H Wide	Du	package	DVB-S	3/4	27.500		
	Wide	Sharjah TV	TV	DVB-S	3/4	27.500		
	Wide	Abu Dhabi Sports 1	TV	DVB-S	3/4	27.500		
	Wide	Yas TV	TV	DVB-S	3/4	27.500		
	Wide	Zad TV	TV	DVB-S	3/4	27.500		
	Wide	Alsharqiya TV	TV	DVB-S	3/4	27.500		
	Wide	Al Arabiya	TV	DVB-S	3/4	27.500		
	Wide	Sky News Arabia	TV	DVB-S	3/4	27.500		
	Wide	Orient News	TV	DVB-S	3/4	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang	
11.804	Wide	Orient News Radio	radio	DVB-S	3/4	27.500			
	Wide	Sharjah Radio	radio	DVB-S	3/4	27.500			
	V Wide	RAI	package	DVB-S	3/4	27.500			
	Wide	Camera dei Deputati	TV	DVB-S	3/4	27.500			
	Wide	Rai Sport	TV	DVB-S	3/4	Y 27.500			
	Wide	Rai Storia	TV	DVB-S	3/4	Y 27.500			
	Wide	Rai Gulp	TV	DVB-S	3/4	Y 27.500			
	Wide	Rai Scuola	TV	DVB-S	3/4	Y 27.500			
	Wide	Uninettuno University TV	TV	DVB-S	3/4	27.500			
	Wide	Senato TV	TV	DVB-S	3/4	27.500			
	Wide	Rai Radio 1	radio	DVB-S	3/4	27.500			
	Wide	Rai Radio 2	radio	DVB-S	3/4	27.500			
	Wide	Rai Radio 3	radio	DVB-S	3/4	27.500			
	Wide	Rai Radio Classica	radio	DVB-S	3/4	27.500			
	Wide	Rai Gr Parlamento	radio	DVB-S	3/4	27.500			
	Wide	Rai Isoradio	radio	DVB-S	3/4	27.500			
	11.919	V Wide	TGCom 24	TV	DVB-S	5/6	Y 29.900		
Wide		Italia 2	TV	DVB-S	5/6	29.900	Nagravision	Italian	
Wide		R101	radio	DVB-S	5/6	29.900			
Wide		RMC FM	radio	DVB-S	5/6	29.900			
Wide		RMC 2	radio	DVB-S	5/6	29.900			
Wide		Virgin Radio Italia	radio	DVB-S	5/6	29.900			
Wide		Radio 105	radio	DVB-S	5/6	29.900			
Wide		Orbital 101.9 FM	radio	DVB-S	5/6	29.900			
12.111		V Wide	Telespazio	package	DVB-S	3/4	27.500		
		Wide	RIK Sat	TV	DVB-S	3/4	27.500		
	Wide	Mekameleen TV	TV	DVB-S	3/4	27.500			
	Wide	Aljazeera Documentary	TV	DVB-S	3/4	27.500			
	Wide	Aljazeera Mubasher	TV	DVB-S	3/4	27.500			
	Wide	Aljazeera Channel	TV	DVB-S	3/4	27.500			
	Wide	Sender Neu Jerusalem	TV	DVB-S	3/4	27.500			
	Wide	Al Mayadeen TV	TV	DVB-S	3/4	27.500			
	Wide	MTA 2	TV	DVB-S	3/4	27.500		Hindustani,Ben	
	Wide	Radio Maria Italia	radio	DVB-S	3/4	27.500			
	Wide	RIK Tritto	radio	DVB-S	3/4	27.500			
	Wide	Radio Dimensione Suono	radio	DVB-S	3/4	27.500			
	Wide	Dimensione Suono Roma	radio	DVB-S	3/4	27.500			
	Wide	Radio Italia Anni 60	radio	DVB-S	3/4	27.500			
	Wide	Radio Italia	radio	DVB-S	3/4	27.500			
	Wide	Radio Padre Pio	radio	DVB-S	3/4	27.500			
	Wide	Radio EuroSpin	radio	DVB-S	3/4	27.500			
	Wide	Radio Radicale	radio	DVB-S	3/4	27.500			
	Wide	Dimensione Suono Soft	radio	DVB-S	3/4	27.500			
12.539	H Wide	unknown	package	DVB-S2	5/6	30.000			
	Wide	Eutelsat 4K1	TV	DVB-S2	5/6	30.000			
	Wide	FTV UHD	TV	DVB-S2	5/6	30.000			
	Wide	Love Nature	TV	DVB-S2	5/6	30.000	Viaccess		
12.558	V Wide	Telespazio	package	DVB-S	3/4	27.500			
	Wide	Thaqalayn TV	TV	DVB-S	3/4	27.500			
	Wide	Hodhod Arabic TV Europe	TV	DVB-S	3/4	27.500			
	Wide	Hodhod Farsi TV	TV	DVB-S	3/4	27.500			
	Wide	Hadi TV 3	TV	DVB-S	3/4	27.500			
	Wide	Hadi TV 4	TV	DVB-S	3/4	27.500			
	Wide	Dua Channel	TV	DVB-S	3/4	27.500			
	Wide	Jeem TV Europe	TV	DVB-S	3/4	27.500			
	Wide	Baraem 2	TV	DVB-S	3/4	27.500			
	Wide	Hodhod Arabic TV	TV	DVB-S	3/4	27.500			
12.616	H Wide	Deejay TV	TV	DVB-S	5/6	29.900	Videoguard		
	Wide	Class TV Moda	TV	DVB-S	5/6	29.900			
	Wide	Baby TV Europe	TV	DVB-S	5/6	29.900	Videoguard		
	Wide	DeA Junior	TV	DVB-S	5/6	29.900	Videoguard		

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Wide	Nickelodeon Italia	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Discovery Channel Italia +1	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Boomerang Italia +1	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Cartoon Network Italia +1	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Mosaico Bambini	TV	DVB-S	5/6		29.900	Videoguard	
12.635	V Wide	Caccia	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Fox Animation	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Fox Comedy Italia	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Disney Channel Italia +1	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Disney XD Italia +2	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Animal Planet Italia	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Frisbee	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Class Horse TV	TV	DVB-S	5/6		29.900		
	Wide	Disney XD Italia +1	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Disney in English	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Inter Channel	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	DeA Kids	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	K2	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Cartoon Network Italia	TV	DVB-S	5/6		29.900	Videoguard	
12.654	H Wide	Arabsat	package	DVB-S	5/6		27.500		
	Wide	Qatar TV	TV	DVB-S	5/6		27.500		
	Wide	Saudi TV	TV	DVB-S	5/6		27.500		
	Wide	Iqraa Arabic	TV	DVB-S	5/6		27.500		
	Wide	Sudan TV	TV	DVB-S	5/6		27.500		
	Wide	Oman TV	TV	DVB-S	5/6		27.500		
	Wide	Al Masriyah	TV	DVB-S	5/6		27.500		
	Wide	Al-Iraqiya News	TV	DVB-S	5/6		27.500		
	Wide	Jordan TV	TV	DVB-S	5/6		27.500		
	Wide	Quran TV	TV	DVB-S	5/6		27.500		
	Wide	Tayba TV	TV	DVB-S	5/6		27.500		
	Wide	Qatar Radio	radio	DVB-S	5/6		27.500		
	Wide	Riyadh Radio	radio	DVB-S	5/6		27.500		
	Wide	Saudia Radio	radio	DVB-S	5/6		27.500		
	Wide	El-Quran El-Karim	radio	DVB-S	5/6		27.500		
	Wide	Sudan Radio	radio	DVB-S	5/6		27.500		
	Wide	Holy Quran Radio	radio	DVB-S	5/6		27.500		
	Wide	Radio Oman	radio	DVB-S	5/6		27.500		
	Wide	Radio Oman FM	radio	DVB-S	5/6		27.500		
	Wide	Sout Al-Arab	radio	DVB-S	5/6		27.500		
	Wide	El-Bernameg Al-Aam	radio	DVB-S	5/6		27.500		
	Wide	Al-Shabab	radio	DVB-S	5/6		27.500		
	Wide	Radio Iraqia	radio	DVB-S	5/6		27.500		
	Wide	Republic of Iraq Radio	radio	DVB-S	5/6		27.500		
	Wide	Holy Quran Radio	radio	DVB-S	5/6		27.500		
	Wide	Radio Jordan	radio	DVB-S	5/6		27.500		
12.692	H 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	BFM TV	TV	DVB-S2	3/4		27.500		
12.713	V Wide	Sky Italia	package	DVB-S	5/6		29.900	Videoguard	
	Wide	Sky Primafila 10	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Sky Primafila 12	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Sky Primafila 14	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	TeenNick Italia	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Sky Primafila 8	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Sky Primafila 27	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Sky Primafila 23	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Sky Primafila 25	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Sky Primafila 26	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Nat Geo Wild Italia +1	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Sky Primafila 24	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Man-Ga	TV	DVB-S	5/6		29.900	Videoguard	
12.731	H Wide	Sky Italia	package	DVB-S	5/6		29.900	Videoguard	
	Wide	Lei +1	TV	DVB-S	5/6		29.900	Videoguard	
	Wide	Real Time +1	TV	DVB-S	5/6		29.900	Videoguard	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Sky Primafila 17	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Primafila 16	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Primafila 18	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Primafila 19	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Calcio 8	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Primafila 15	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Sport Plus	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Calcio 9	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Calcio 10	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Calcio 11	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Calcio 12	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Calcio 13	TV	DVB-S	5/6	29.900	Videoguard	
	Wide	Sky Primafila 1	TV	DVB-S	5/6	29.900	Videoguard	

EUTELSAT HOT BIRD 13E

10.775	H Wide	unknown	package	DVB-S	5/6	27.500		
	Wide	Janatobaghie TV	TV	DVB-S	5/6	27.500		
	Wide	Central Asia TV	TV	DVB-S	5/6	27.500		
	Wide	National Geographic Farsi	TV	DVB-S	5/6	27.500		
	Wide	IRT	TV	DVB-S	5/6	27.500		
	Wide	Iran TV Network	TV	DVB-S	5/6	27.500		
	Wide	Face 1 Persia	TV	DVB-S	5/6	27.500		
	Wide	Beitol Abbas	TV	DVB-S	5/6	27.500		
	Wide	Khane Film	TV	DVB-S	5/6	27.500		Farsi
	Wide	Discovery Home & Health Farsi	TV	DVB-S	5/6	27.500		
	Wide	Cama 1	TV	DVB-S	5/6	27.500		
	Wide	4U TV	TV	DVB-S	5/6	27.500		
	Wide	Merci TV Network	TV	DVB-S	5/6	27.500		
	Wide	Imam Asr TV	TV	DVB-S	5/6	27.500		
	Wide	Class 1	TV	DVB-S	5/6	27.500		
11.432	V Wide	Mediaset	package	DVB-S2	3/4	29.900	Nagravision	
	Wide	20 promo	TV	DVB-S2	3/4	29.900	Nagravision	Italian
	Wide	Italia 1	TV	DVB-S2	3/4	29.900	Nagravision	
	Wide	Canale 5	TV	DVB-S2	3/4	29.900	Nagravision	
	Wide	Rete 4	TV	DVB-S2	3/4	29.900	Nagravision	

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10.721	H Europe B	OiV	package	DVB-S	3/4	27.500		
	Europe B	HRT 1	TV	DVB-S	3/4	Y 27.500		
	Europe B	HRT 4	TV	DVB-S	3/4	Y 27.500		
	Europe B	HRT 5	TV	DVB-S	3/4	27.500		
	Europe B	TV Slovenija 1	TV	DVB-S	3/4	Y 27.500		
	Europe B	TV Slovenija 2	TV	DVB-S	3/4	Y 27.500		
	Europe B	TV Slovenija 3	TV	DVB-S	3/4	Y 27.500		
	Europe B	HR Prvi program	radio	DVB-S	3/4	27.500		
	Europe B	HR Drugi program	radio	DVB-S	3/4	27.500		
	Europe B	HR Treci program	radio	DVB-S	3/4	27.500		
	Europe B	Glas Hrvatske	radio	DVB-S	3/4	27.500		
	Europe B	HR Radio Pula	radio	DVB-S	3/4	27.500		
	Europe B	Hrvatski Katolicki Radio	radio	DVB-S	3/4	27.500		
	Europe B	Prvi	radio	DVB-S	3/4	27.500		
	Europe B	Val 202	radio	DVB-S	3/4	27.500		
	Europe B	Ars	radio	DVB-S	3/4	27.500		
	Europe B	Radio Si	radio	DVB-S	3/4	27.500		
10.762	H Europe B	DigitAlb	package	DVB-S2	3/5	30.000	Conax	
	Europe B	RTK 1	TV	DVB-S2	3/5	30.000		
	Europe B	Top News	TV	DVB-S2	3/5	30.000		
	Europe B	Bang Bang	TV	DVB-S2	3/5	30.000	Conax	
	Europe B	Explorerer Shkencë	TV	DVB-S2	3/5	30.000	Conax	
	Europe B	Film Aksion	TV	DVB-S2	3/5	30.000	Conax	
	Europe B	Film Komedi	TV	DVB-S2	3/5	30.000	Conax	
	Europe B	RTV 21 Sat	TV	DVB-S2	3/5	30.000	Conax	
	Europe B	Kohavision	TV	DVB-S2	3/5	30.000	Conax	
	Europe B	Stinët	TV	DVB-S2	3/5	30.000	Conax	
	Europe B	TV 21 Macedonia	TV	DVB-S2	3/5	30.000	Conax	

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Europe B	RTSH 1	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	News 24	TV	DVB-S2	3/5	Y	30.000	Conax	
	Europe B	X1	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	TV Dukagjini	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	BCTV Europe	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	T	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	SuperSport 7	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	Ora News	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	MTV Live HD	TV	DVB-S2	3/5		30.000	Conax	English
	Europe B	Top Albania Radio	radio	DVB-S2	3/5		30.000		
	Europe B	Top Gold	radio	DVB-S2	3/5		30.000		
	Europe B	City Radio	TV	DVB-S2	3/5		30.000		
10.804	H Europe B	DigitAlb	package	DVB-S2	2/3		29.950	Conax	
	Sub-Sahara Africa	My TV Smart	package	DVB-S2	2/3		30.000		
	Europe B	Top Channel	TV	DVB-S2	2/3	Y	29.950	Conax	
	Sub-Sahara Africa	CMR 7 TV	TV	DVB-S2	2/3		30.000		
	Europe B	TV Klan	TV	DVB-S2	2/3		29.950	Conax	
	Sub-Sahara Africa	Vision 4	TV	DVB-S2	2/3		30.000		
	Europe B	SuperSport 5	TV	DVB-S2	2/3		29.950	Conax	
	Sub-Sahara Africa	2S TV	TV	DVB-S2	2/3		30.000		
	Europe B	SuperSport 6	TV	DVB-S2	2/3		29.950	Conax	
	Sub-Sahara Africa	Alwilayah TV Hausa	TV	DVB-S2	2/3		30.000		Hau
	Europe B	Junior TV	TV	DVB-S2	2/3		29.950	Conax	
	Sub-Sahara Africa	CRTV	TV	DVB-S2	2/3		30.000		
	Europe B	Çufo	TV	DVB-S2	2/3		29.950	Conax	
	Sub-Sahara Africa	Hadi TV 5	TV	DVB-S2	2/3		30.000		
	Europe B	My Music	TV	DVB-S2	2/3		29.950	Conax	
	Sub-Sahara Africa	Sikka TV	TV	DVB-S2	2/3		30.000		
	Europe B	Explorer Natyra	TV	DVB-S2	2/3		29.950	Conax	
	Sub-Sahara Africa	Canal 2 English	TV	DVB-S2	2/3		30.000		
	Europe B	Explorer Histori	TV	DVB-S2	2/3		29.950	Conax	
	Sub-Sahara Africa	RTB TV	TV	DVB-S2	2/3		30.000		
	Europe B	Tema TV	TV	DVB-S2	2/3		29.950	Conax	
	Sub-Sahara Africa	Arewa 24	TV	DVB-S2	2/3		30.000		Hau
	Europe B	Eurofilm	TV	DVB-S2	2/3		29.950	Conax	
	Sub-Sahara Africa	Burkina Info TV	TV	DVB-S2	2/3		30.000		
	Europe B	Film Autor	TV	DVB-S2	2/3		29.950	Conax	
	Sub-Sahara Africa	ORTB TV	TV	DVB-S2	2/3		30.000		
	Europe B	Film Hits	TV	DVB-S2	2/3		29.950	Conax	
	Sub-Sahara Africa	Golfe TV Africa	TV	DVB-S2	2/3		30.000		
	Europe B	Film Thriller	TV	DVB-S2	2/3		29.950	Conax	
	Sub-Sahara Africa	France 24 Français	TV	DVB-S2	2/3		30.000		
	Europe B	Film Dramë	TV	DVB-S2	2/3		29.950	Conax	
	Sub-Sahara Africa	Asonga TV	TV	DVB-S2	2/3		30.000		
	Europe B	Klan Kosova	TV	DVB-S2	2/3		29.950	Conax	
	Sub-Sahara Africa	Emirem TV	TV	DVB-S2	2/3		30.000		
	Europe B	ABC News	TV	DVB-S2	2/3		29.950	Conax	
	Sub-Sahara Africa	Gabon TV	TV	DVB-S2	2/3		30.000		
	Europe B	Klan Plus	TV	DVB-S2	2/3		29.950	Conax	
	Sub-Sahara Africa	Equinoxe TV	TV	DVB-S2	2/3		30.000		
	Europe B	Melody	TV	DVB-S2	2/3		29.950	Conax	

Freq	Beam		Analog	Diff	Fec	Symb of Rate	Acces	Lang
	Sub-Sahara Africa	Canal 2 International	TV	DVB-S2	2/3	30.000		
	Europe B	X2	TV	DVB-S2	2/3	29.950	Conax	
	Sub-Sahara Africa	Canal 2 Musique	TV	DVB-S2	2/3	30.000		
	Europe B	Radio Klan	radio	DVB-S2	2/3	29.950		
	Sub-Sahara Africa	ImpacTV	TV	DVB-S2	2/3	30.000		
	Europe B	My Music Radio	radio	DVB-S2	2/3	29.950		
	Sub-Sahara Africa	Boom TV	TV	DVB-S2	2/3	30.000		
	Europe B	Radio Travel	radio	DVB-S2	2/3	29.950		
	Sub-Sahara Africa	STV	TV	DVB-S2	2/3	30.000		
	Europe B	NRG Radio Albania	radio	DVB-S2	2/3	29.950		
	Sub-Sahara Africa	Amen TV Sat	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Power TV	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Canal 2 Movies	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Ubiznews TV	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Africa TV 3	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Stad'Afric	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Gabon 24	TV	DVB-S2	2/3	30.000		
	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	TV Carrefour	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Nina TV Français	TV	DVB-S2	2/3	30.000	Viaccess	
	Sub-Sahara Africa	CRTV National Radio	radio	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Golfe FM	radio	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	RTB Radio	radio	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Alpha Blondy FM	radio	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Radio Immaculée Conception	radio	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	RFI Afrique	radio	DVB-S2	2/3	30.000		
	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	
	Europe B	UTV News	TV	DVB-S2	3/5	30.000	Conax	
	Europe B	Rrokum TV	TV	DVB-S2	3/5	30.000	Conax	
	Europe B	DigitAlb promo	TV	DVB-S2	3/5	30.000		
	Europe B	City TV	TV	DVB-S2	3/5	30.000	Conax	
	Europe B	Scan	TV	DVB-S2	3/5	30.000	Conax	
	Europe B	In TV	TV	DVB-S2	3/5	30.000	Conax	
	Europe B	Film Një HD	TV	DVB-S2	3/5	30.000	Conax	
	Europe B	Film Dy HD	TV	DVB-S2	3/5	30.000	Conax	
	Europe B	SuperSport 1	TV	DVB-S2	3/5	30.000	Conax	
	Europe B	SuperSport 2	TV	DVB-S2	3/5	30.000	Conax	
	Europe B	SuperSport 3	TV	DVB-S2	3/5	30.000	Conax	
	Europe B	Travel Channel Europe	TV	DVB-S2	3/5	30.000	Conax	
	Europe B	SuperSport 4	TV	DVB-S2	3/5	30.000	Conax	
	Europe B	Star Plus	TV	DVB-S2	3/5	30.000	Conax	
	Europe B	Top News	TV	DVB-S2	3/5	30.000		
10.887	H Europe B	DigitAlb	package	DVB-S2	3/5	30.000	Conax	
	Europe B	National Geographic Channel HD Europe	TV	DVB-S2	3/5	30.000	Conax	English
	Europe B	Discovery Showcase HD	TV	DVB-S2	3/5	30.000	Conax	
	Europe B	STV Folk	TV	DVB-S2	3/5	30.000	Conax	
	Europe B	Dorcel XXX	TV	DVB-S2	3/5	30.000	Conax	

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Europe B	Stars XXX TV	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	24 Kitchen Srbija	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	Fox Srbija	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	Comedy Central Extra Central Europe	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	Fox Life Regional	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	Alsat-M	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	Supersonic TV	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	A1 Report!	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	Folklorit	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	First Channel	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	Tribuna Channel	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	Discovery Channel Bulgaria	TV	DVB-S2	3/5		30.000	Conax	
10.928	H Europe B	Antik Sat	package	DVB-S2	3/5		30.000	Conax	
	Europe B	Ginx eSports TV International	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	Wness TV	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	Folx	TV	DVB-S2	3/5		30.000		
	Europe B	Fix & Foxi	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	AMC Cesko	TV	DVB-S2	3/5		30.000	Conax	Czech,Hungarian,Romanian
	Europe B	Kerrang!	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	Kiss TV	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	TA 3	TV	DVB-S2	3/5		30.000		Slovak
	Europe B	Magic TV	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	Box Hits	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	The Box Africa	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	CT 1 Cechy	TV	DVB-S2	3/5	Y	30.000	Conax	
	Europe B	CT 2	TV	DVB-S2	3/5	Y	30.000	Conax	
	Europe B	TV Nova	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	Prima	TV	DVB-S2	3/5		30.000	Conax	
	Europe B	TV Barrandov	TV	DVB-S2	3/5		30.000	Conax	Czech
	Europe B	Wau TV	TV	DVB-S2	3/5		30.000	Conax	Slovak
	Europe B	Prima Cool	TV	DVB-S2	3/5		30.000	Conax	Czech
	Europe B	Prima Zoom	TV	DVB-S2	3/5		30.000	Conax	Czech
	Europe B	TV Doma	TV	DVB-S2	3/5		30.000	Conax	Slovak
	Europe B	Sport 1 Czechia	TV	DVB-S2	3/5		30.000	Conax	Czech,Slovak
	Europe B	Plus	TV	DVB-S2	3/5	Y	30.000	Conax	Slovak
	Europe B	CT 24	TV	DVB-S2	3/5		30.000		Czech
	Europe B	TV Lux	TV	DVB-S2	3/5		30.000		Slovak
10.972	V Europe B	Total TV	package	DVB-S2	3/5		27.500	Conax/Videoguard	
	Europe B	BK TV	TV	DVB-S2	3/5		27.500	Videoguard	
	Europe B	TV Palma Plus	TV	DVB-S2	3/5		27.500	Videoguard	
	Europe B	Pink Kids	TV	DVB-S2	3/5		27.500	Videoguard	
	Europe B	Alfa TV	TV	DVB-S2	3/5		27.500	Videoguard	
	Europe B	Arena Sport 4	TV	DVB-S2	3/5		27.500	Videoguard	
	Europe B	24 Vesti	TV	DVB-S2	3/5		27.500	Videoguard	
	Europe B	Telma	TV	DVB-S2	3/5		27.500	Videoguard	
	Europe B	MRT Sobraniski kanal	TV	DVB-S2	3/5		27.500	Videoguard	
	Europe B	Kanal 5 plus	TV	DVB-S2	3/5		27.500	Videoguard	
	Europe B	Comedy Central Hungary	TV	DVB-S2	3/5		27.500	Conax/Videoguard	
	Europe B	CineStar TV Hrvatska	TV	DVB-S2	3/5		27.500	Videoguard	
	Europe B	Travel Channel Europe	TV	DVB-S2	3/5		27.500	Videoguard	
	Europe B	Sundance TV Europe	TV	DVB-S2	3/5		27.500	Conax/Videoguard	
	Europe B	CineStar Premiere 1	TV	DVB-S2	3/5		27.500	Videoguard	
	Europe B	Ginx eSports TV International	TV	DVB-S2	3/5		27.500	Videoguard	
	Europe B	CineStar Premiere 2	TV	DVB-S2	3/5		27.500	Videoguard	
	Europe B	Crime + Investigation UK	TV	DVB-S2	3/5		27.500	Conax/Videoguard	
	Europe B	Dusk TV Europe	TV	DVB-S2	3/5		27.500	Videoguard	
	Europe B	DTX East Europe	TV	DVB-S2	3/5		27.500	Videoguard	
	Europe B	Radio Studio B	radio	DVB-S2	3/5		27.500		
	Europe B	Hit FM Radio	radio	DVB-S2	3/5		27.500		
10.977	H Sub-Sahara Africa	See Afrika	package	DVB-S2	3/4		30.000	Videoguard	
	Sub-Sahara Africa	Canal 3 Benin	TV	DVB-S2	3/4		30.000	Videoguard	

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Sub-Sahara Africa	Canal 3 Cinema	TV	DVB-S2	3/4		30.000	Videoguard	
	Sub-Sahara Africa	Canal 3 Mboa	TV	DVB-S2	3/4		30.000	Videoguard	
	Sub-Sahara Africa	Kombat Sport	TV	DVB-S2	3/4		30.000	Videoguard	
	Sub-Sahara Africa	Tivi 5 Monde	TV	DVB-S2	3/4		30.000	Videoguard	
	Sub-Sahara Africa	Canal 3 Niger	TV	DVB-S2	3/4		30.000	Videoguard	
	Sub-Sahara Africa	Canal 3 Fongbe	TV	DVB-S2	3/4		30.000	Videoguard	
	Sub-Sahara Africa	Canal 3 Waama	TV	DVB-S2	3/4		30.000	Videoguard	
	Sub-Sahara Africa	Alminhaj TV	TV	DVB-S2	3/4		30.000	Videoguard	
	Sub-Sahara Africa	RTS 1	TV	DVB-S2	3/4		30.000		
	Sub-Sahara Africa	ORTM	TV	DVB-S2	3/4		30.000		
	Sub-Sahara Africa	Télé Sahel	TV	DVB-S2	3/4		30.000	Videoguard	
	Sub-Sahara Africa	Sunna TV	TV	DVB-S2	3/4		30.000	Videoguard	
	Sub-Sahara Africa	Sunna TV 2	TV	DVB-S2	3/4		30.000	Videoguard	
	Sub-Sahara Africa	Sunna TV Savana	TV	DVB-S2	3/4		30.000	Videoguard	Hau
	Sub-Sahara Africa	Sunna TV Makaranta	TV	DVB-S2	3/4		30.000	Videoguard	Hau
	Sub-Sahara Africa	Sunna TV Yoruba	TV	DVB-S2	3/4		30.000	Videoguard	Yor
	Sub-Sahara Africa	Tauraruwa	TV	DVB-S2	3/4		30.000	Videoguard	
	Sub-Sahara Africa	Ucab TV	TV	DVB-S2	3/4		30.000	Videoguard	
	Sub-Sahara Africa	Manara TV	TV	DVB-S2	3/4		30.000	Videoguard	
	Sub-Sahara Africa	Evangelique TV	TV	DVB-S2	3/4		30.000	Videoguard	
	Sub-Sahara Africa	Alleluia Télé	TV	DVB-S2	3/4		30.000	Videoguard	
	Sub-Sahara Africa	Canal 3 Monde	TV	DVB-S2	3/4		30.000	Videoguard	
	Sub-Sahara Africa	ORTM Chaîne Nationale	radio	DVB-S2	3/4		30.000		
11.004	H Sub-Sahara Africa	Digitel	package	DVB-S2	5/6		8.332		
	Sub-Sahara Africa	ABK TV	TV	DVB-S2	5/6		8.332		
	Sub-Sahara Africa	Divine TV	TV	DVB-S2	5/6		8.332		
	Sub-Sahara Africa	Zoe Channel	TV	DVB-S2	5/6		8.332		
	Sub-Sahara Africa	Glory Christ Channel	TV	DVB-S2	5/6		8.332		
	Sub-Sahara Africa	LTM TV	TV	DVB-S2	5/6		8.332		
	Sub-Sahara Africa	Afrique Média	TV	DVB-S2	5/6		8.332		
	Sub-Sahara Africa	Transformers TV	TV	DVB-S2	5/6		8.332		
	Sub-Sahara Africa	Revival Channel	TV	DVB-S2	5/6		8.332		
	Sub-Sahara Africa	Solution TV	TV	DVB-S2	5/6		8.332		
	Sub-Sahara Africa	Liberty TV	TV	DVB-S2	5/6		8.332		
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	
	Europe B	Sport Klub 2 Srbija	TV	DVB-S2	3/5	Y	27.500	Videoguard	
	Europe B	Sport Klub 1 Crna Gora	TV	DVB-S2	3/5	Y	27.500	Videoguard	
	Europe B	HBO Adria	TV	DVB-S2	3/5		27.500	Videoguard	
	Europe B	HBO 2 Central Europe	TV	DVB-S2	3/5		27.500	Videoguard	
	Europe B	Discovery Channel Srbija	TV	DVB-S2	3/5		27.500	Videoguard	
	Europe B	Fox Movies Srbija	TV	DVB-S2	3/5		27.500	Videoguard	
	Europe B	Animal Planet Europe	TV	DVB-S2	3/5		27.500	Videoguard	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	TV Vijesti	TV	DVB-S2	3/5	27.500	Videoguard	
11.016	H Sub-Sahara Africa	E-Télé	TV	DVB-S2	4/5	1.500		
11.019	H Sub-Sahara Africa	TV Centrafrique	TV	DVB-S2	?	1.795		
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	
	Europe B	Wau TV	TV	DVB-S2	4/5	27.500	Conax	Slk
	Europe B	TV Barrantov	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	Ócko	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	Disney Channel Hungary & Czechia	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	Minimax Hungary	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	Rik	TV	DVB-S2	4/5	27.500	Conax	Slk
	Europe B	Senzi	TV	DVB-S2	4/5	27.500	Conax	Slk
	Europe B	Slágr TV	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	TA 3	TV	DVB-S2	4/5	27.500	Conax	Slk
	Europe B	Ring TV	TV	DVB-S2	4/5	27.500	Conax	Slk
	Europe B	Film + Czechia	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	HBO 3 Central Europe	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	National Geographic Hungary & Czechia	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	TV Noe	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	TV Lux	TV	DVB-S2	4/5	27.500	Conax	Slk
	Europe B	Spektrum Home	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	Nickelodeon Europe	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	TV Joj	TV	DVB-S2	4/5	27.500	Conax	Slk
	Europe B	Plus	TV	DVB-S2	4/5	Y 27.500	Conax	Slk
	Europe B	TV Doma	TV	DVB-S2	4/5	Y 27.500	Conax	Slk
	Europe B	Joj Cinema	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	Sport 2 Czechia	TV	DVB-S2	4/5	27.500	Conax	Slk
	Europe B	TV Paprika	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	Dajto	TV	DVB-S2	4/5	27.500	Conax	Slk
	Europe B	RTV 1	TV	DVB-S2	4/5	27.500	Conax	Slk
	Europe B	TV Markíza	TV	DVB-S2	4/5	Y 27.500	Conax	Slk
	Europe B	RTV 2	TV	DVB-S2	4/5	27.500	Conax	Slk
11.069	H Europe A	unknown	package	DVB-S	2/3	.355		
	Europe A	Radio 538	radio	DVB-S	2/3	.355		
	Europe A	Radio 10	radio	DVB-S	2/3	.355		
11.071	H Europe A	Slam!	radio	DVB-S	1/2	.334		
	Europe A	BNR Nieuwsradio	radio	DVB-S	1/2	.334		
11.072	H Europe A	100% NL	radio	DVB-S	1/2	.334		
11.094	V Europe B	Antik Sat	package	DVB-S2	4/5	27.500	Conax	
	Europe B	Eurosport 2	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	Sport 1 Czechia	TV	DVB-S2	4/5	27.500	Conax	Slk
	Europe B	CS Mini	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	CS Film	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	Horor Film	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	TLC Balkan	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	Prima Zoom	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	Film Europe	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	Kino Svet	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	Arena Sport 1	TV	DVB-S2	4/5	27.500	Conax	Slk
	Europe B	Nova 2	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	Prima Cool	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	Nova Gold	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	CT 24	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	Nova Action	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	Nova Cinema	TV	DVB-S2	4/5	Y 27.500	Conax	
	Europe B	Nova Sport 1	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	Nova Sport 2	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	AXN Czech Republic	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	CT 2	TV	DVB-S2	4/5	Y 27.500	Conax	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	CT :D	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	CT art	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	Prima Max	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	Kino Barrandov	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	Prima Love	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	CT 1 Cechy	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	CT Sport	TV	DVB-S2	4/5	27.500	Conax	
	Europe B	Discovery Channel Central Europe	TV	DVB-S2	4/5	27.500	Conax	
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	
	Europe B	Antena Stars	TV	DVB-S2	2/3	Y 16.593	Conax	
	Europe B	Antena 3	TV	DVB-S2	2/3	Y 16.593	Conax	
	Europe B	Happy Channel	TV	DVB-S2	2/3	Y 16.593	Conax	
	Europe B	Zu TV	TV	DVB-S2	2/3	Y 16.593	Conax	
	Europe B	Antena International	TV	DVB-S2	2/3	16.593	Conax	
	Europe B	Radio Zu	radio	DVB-S2	2/3	16.593		
	Europe B	Romantic FM	radio	DVB-S2	2/3	16.593		
11.151	V Europe A	Pink Thriller	TV	DVB-S2	2/3	13.268	Irdeto/Videoguard	Serbian
	Europe A	Pink Folk 1	TV	DVB-S2	2/3	13.268		
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	
	Europe B	Pink Extra	TV	DVB-S2	3/5	30.000	Irdeto/Videoguard	
	Europe B	Pink BH	TV	DVB-S2	3/5	Y 30.000	Irdeto/Videoguard	
	Europe B	Pink M	TV	DVB-S2	3/5	Y 30.000	Irdeto/Videoguard	
	Europe B	Pink Srbija	TV	DVB-S2	3/5	Y 30.000	Irdeto/Videoguard	
	Europe B	Pink Action	TV	DVB-S2	3/5	30.000	Irdeto/Videoguard	
	Europe B	Pink Movies	TV	DVB-S2	3/5	30.000	Irdeto/Videoguard	
	Europe B	Pink Film	TV	DVB-S2	3/5	30.000	Irdeto/Videoguard	
	Europe B	Pink Music	TV	DVB-S2	3/5	30.000	Irdeto/Videoguard	
	Europe B	Pink 3 Info	TV	DVB-S2	3/5	30.000	Irdeto/Videoguard	
	Europe B	Pink Family	TV	DVB-S2	3/5	30.000	Irdeto/Videoguard	
	Europe B	Pink Fashion	TV	DVB-S2	3/5	30.000	Irdeto/Videoguard	
	Europe B	Pink Music 2	TV	DVB-S2	3/5	30.000	Irdeto/Videoguard	
	Europe B	Pink Hits	TV	DVB-S2	3/5	30.000	Irdeto/Videoguard	
	Europe B	CityPlay	TV	DVB-S2	3/5	30.000	Irdeto/Videoguard	
	Europe B	Pink Western	TV	DVB-S2	3/5	30.000	Irdeto/Videoguard	
	Europe B	Pink Classic	TV	DVB-S2	3/5	30.000	Irdeto/Videoguard	
	Europe B	Pink Style	TV	DVB-S2	3/5	30.000	Irdeto/Videoguard	
	Europe B	Bravo Music	TV	DVB-S2	3/5	30.000	Irdeto/Videoguard	
	Europe B	Pink Serije	TV	DVB-S2	3/5	30.000	Irdeto/Videoguard	
	Europe B	Pink World Cinema	TV	DVB-S2	3/5	30.000	Irdeto/Videoguard	
	Europe B	Pink Show	TV	DVB-S2	3/5	30.000	Irdeto/Videoguard	
	Europe B	Pink Kuvar	TV	DVB-S2	3/5	30.000	Irdeto/Videoguard	
	Europe B	Pink Super Kids	TV	DVB-S2	3/5	30.000	Irdeto/Videoguard	
	Europe B	Ha Ha	TV	DVB-S2	3/5	30.000	Irdeto/Videoguard	
	Europe B	Lol	TV	DVB-S2	3/5	30.000	Irdeto/Videoguard	
	Europe B	Pink Radio	radio	DVB-S2	3/5	30.000		
	Europe B	Radio S2	radio	DVB-S2	3/5	30.000		
11.221	H Europe A	Total TV	package	DVB-S2	3/5	30.000	Conax/Videoguard	
	Europe A	Planet TV	TV	DVB-S2	3/5	30.000	Videoguard	
	Europe A	Golica TV	TV	DVB-S2	3/5	30.000	Videoguard	
	Europe A	CineStar Fantasy	TV	DVB-S2	3/5	30.000	Videoguard	
	Europe A	Oto	TV	DVB-S2	3/5	Y 30.000	Videoguard	
	Europe A	CMC TV	TV	DVB-S2	3/5	30.000	Videoguard	
	Europe A	Sport Klub HD	TV	DVB-S2	3/5	30.000	Videoguard	
	Europe A	Sport Klub 3	TV	DVB-S2	3/5	30.000	Videoguard	
	Europe A	N1 Srbija	TV	DVB-S2	3/5	30.000	Videoguard	
	Europe A	Fox Srbija	TV	DVB-S2	3/5	30.000	Videoguard	
	Europe A	Fox Life Srbija	TV	DVB-S2	3/5	30.000	Videoguard	
	Europe A	Viasat Nature HD	TV	DVB-S2	3/5	30.000	Conax/Videoguard	
	Europe A	Viasat History HD	TV	DVB-S2	3/5	30.000	Conax/Videoguard	
	Europe A	Cinemax 2 Central Europe	TV	DVB-S2	3/5	30.000	Videoguard	
	Europe A	Hustler TV Europe	TV	DVB-S2	3/5	30.000	Videoguard	
	Europe A	Scifi Srbija	TV	DVB-S2	3/5	30.000	Videoguard	

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Europe A	Kanal 77	radio	DVB-S2	3/5		30.000		
11.231	V Europe A	TV 1	TV	DVB-S2	4/5	Y	42.000	Videoguard	Bosnian
	Europe A	Nickelodeon Hrvatska	TV	DVB-S2	4/5		42.000	Videoguard	Croatian,English
11.262	H Europe B	Team:Media	package	DVB-S	2/3		30.000		
	Europe B	BN Music	TV	DVB-S	2/3		30.000		
	Europe B	RTRS TV	TV	DVB-S	2/3	Y	30.000		
	Europe B	RTRS Plus	TV	DVB-S	2/3		30.000		
	Europe B	Radio Stari Grad	radio	DVB-S	2/3		30.000		
	Europe B	Kalman Radio	radio	DVB-S	2/3		30.000		
	Europe B	VIP Radio	radio	DVB-S	2/3		30.000		
	Europe B	Radio Bir	radio	DVB-S	2/3		30.000		
	Europe B	Radio BN	radio	DVB-S	2/3		30.000		
	Europe B	Radio Republike Srpske	radio	DVB-S	2/3		30.000		
	Europe B	Radio Mir Medjugorje	radio	DVB-S	2/3		30.000		
	Europe B	Radio Posavina	radio	DVB-S	2/3		30.000		
	Europe B	Bobar Radio	radio	DVB-S	2/3		30.000		
	Europe B	Radio Marija Srbija	radio	DVB-S	2/3		30.000		
	Europe B	Mária Rádió Szerbia	radio	DVB-S	2/3		30.000		
	Europe B	Radio Maria Romania	radio	DVB-S	2/3		30.000		
	Europe B	Mária Rádió Erdély	radio	DVB-S	2/3		30.000		
	Europe B	Radio Maria Albania	radio	DVB-S	2/3		30.000		
	Europe B	Radio Marija Bosna i Hercegovina	radio	DVB-S	2/3		30.000		
	Europe B	Radio Mariam Armenia	radio	DVB-S	2/3		30.000		
	Europe B	Mária Rádió	radio	DVB-S	2/3		30.000		
11.283	V Europe B	unknown	package	DVB-S2	2/3		30.000	Conax/Videoguard	
	Europe B	FilmBox Arthouse Africa & Turkey & Middle East	TV	DVB-S2	2/3		30.000	Conax	
	Europe B	FilmBox Arthouse Worldwide	TV	DVB-S2	2/3		30.000	Conax/Videoguard	
	Europe B	FilmBox Plus	TV	DVB-S2	2/3		30.000	Conax/Videoguard	
	Europe B	FilmBox Plus	TV	DVB-S2	2/3		30.000	Conax	
	Europe B	FilmBox Extra HD Adria	TV	DVB-S2	2/3		30.000	Conax/Videoguard	
	Europe B	DocuBox HD	TV	DVB-S2	2/3		30.000	Conax/Videoguard	
	Europe B	Fast & FunBox HD	TV	DVB-S2	2/3		30.000	Conax/Videoguard	Tuk
	Europe B	FightBox HD	TV	DVB-S2	2/3		30.000	Conax/Videoguard	Tuk
	Europe B	Eroxxx HD	TV	DVB-S2	2/3		30.000	Conax/Videoguard	
	Europe B	Erox HD	TV	DVB-S2	2/3		30.000	Conax/Videoguard	
	Europe B	FilmBox Extra HD Czechia & Hungary	TV	DVB-S2	2/3		30.000	Conax	
	Europe B	FilmBox Plus	TV	DVB-S2	2/3		30.000	Conax	
	Europe B	FilmBox Premium Czechia	TV	DVB-S2	2/3		30.000	Conax	
	Europe B	360 Tune Box	TV	DVB-S2	2/3		30.000	Conax/Videoguard	
	Europe B	FashionBox HD	TV	DVB-S2	2/3		30.000	Conax/Videoguard	
	Europe B	FilmBox Basic	TV	DVB-S2	2/3		30.000	Conax	
	Europe B	FilmBox Baltic	TV	DVB-S2	2/3		30.000	Conax	
	Europe B	FilmBox Premium Hungary	TV	DVB-S2	2/3		30.000	Conax	
	Europe B	FilmBox Family	TV	DVB-S2	2/3		30.000	Conax	
	Europe B	Gametoon	TV	DVB-S2	2/3		30.000	Conax	
	Europe B	Ultra	TV	DVB-S2	2/3		30.000	Conax	
	Europe B	Mini Ultra	TV	DVB-S2	2/3		30.000	Conax	
11.294	H Sub-Sahara Africa	Mega-Choice	package	DVB-S2	2/3		45.000		
	Sub-Sahara Africa	MMTV	TV	DVB-S2	2/3		45.000	Conax	
	Sub-Sahara Africa	Kwesé Free Sports	TV	DVB-S2	2/3		45.000	Conax	
	Sub-Sahara Africa	E TV Ghana	TV	DVB-S2	2/3		45.000		
	Sub-Sahara Africa	TV Africa	TV	DVB-S2	2/3		45.000		
	Sub-Sahara Africa	Emmanuel TV	TV	DVB-S2	2/3		45.000		
	Sub-Sahara Africa	Paradise Music Channel	TV	DVB-S2	2/3		45.000		
	Sub-Sahara Africa	CGTN	TV	DVB-S2	2/3		45.000		
	Sub-Sahara Africa	EWTN Africa & Asia	TV	DVB-S2	2/3		45.000		
	Sub-Sahara Africa	Metro TV	TV	DVB-S2	2/3		45.000		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Sub-Sahara Africa	France 24 English	TV	DVB-S2	2/3	45.000		
	Sub-Sahara Africa	TV 3	TV	DVB-S2	2/3	45.000		
	Sub-Sahara Africa	DW English	TV	DVB-S2	2/3	45.000		
	Sub-Sahara Africa	Aljazeera English	TV	DVB-S2	2/3	45.000		
	Sub-Sahara Africa	FashionBox HD	TV	DVB-S2	2/3	45.000	Conax	
	Sub-Sahara Africa	FilmBox Africa	TV	DVB-S2	2/3	45.000	Conax	
	Sub-Sahara Africa	360 Tune Box	TV	DVB-S2	2/3	45.000	Conax	
	Sub-Sahara Africa	DocuBox HD	TV	DVB-S2	2/3	45.000	Conax	
	Sub-Sahara Africa	Gametoon	TV	DVB-S2	2/3	45.000	Conax	
	Sub-Sahara Africa	FightBox HD	TV	DVB-S2	2/3	45.000	Conax	
	Sub-Sahara Africa	Fast & FunBox HD	TV	DVB-S2	2/3	45.000	Conax	
	Sub-Sahara Africa	FilmBox Arthouse Africa & Turkey & Middle East	TV	DVB-S2	2/3	45.000	Conax	
11.303	H Europe A	Aljazeera Balkans	TV	DVB-S2	2/3	30.000		
	Europe A	Yu Planet TV	TV	DVB-S2	2/3	30.000		
	Europe A	OBN	TV	DVB-S2	2/3	30.000	Y	
	Europe A	Aurora TV	TV	DVB-S2	2/3	30.000		
	Europe A	Pro TV International	TV	DVB-S2	2/3	30.000		
	Europe A	Hayat Folk	TV	DVB-S2	2/3	30.000		
	Europe A	Hayat Music	TV	DVB-S2	2/3	30.000		
	Europe A	Evrofutboll Gonki 1	TV	DVB-S2	2/3	30.000	BISS	
	Europe A	Evrofutboll Gonki 2	TV	DVB-S2	2/3	30.000	Nagravision	
	Europe A	AMC Balkan	TV	DVB-S2	2/3	30.000	Viaccess	English
	Europe A	Evrofutboll Gonki 3	TV	DVB-S2	2/3	30.000	Nagravision	
	Europe A	BN TV Satelitski	TV	DVB-S2	2/3	30.000	Viaccess	Serbian
	Europe A	Nezavisni Radio Studio 99	radio	DVB-S2	2/3	30.000		
	Europe A	Radio BN	radio	DVB-S2	2/3	30.000		Serbian
11.345	H Europe B	STN	package	DVB-S	3/4	30.000		
	Europe B	OTV Valentino	TV	DVB-S	3/4	30.000		Bosnian
	Europe B	TV Duga +	TV	DVB-S	3/4	30.000		Serbian
	Europe B	K CN Svet + 3	TV	DVB-S	3/4	30.000		Serbian
	Europe B	K CN 1	TV	DVB-S	3/4	30.000		Serbian
	Europe B	AMC Balkan	TV	DVB-S	3/4	30.000	Conax/Irdeto	Serbian
	Europe B	K CN Music 2	TV	DVB-S	3/4	30.000		Serbian
	Europe B	Radio 1 Ljubljana	radio	DVB-S	3/4	30.000		Slovenian
	Europe B	Radio Ognjisce	radio	DVB-S	3/4	30.000		Slovenian
	Europe B	Radio Valentino	radio	DVB-S	3/4	30.000		Bosnian
11.366	V Europe A	STN	package	DVB-S	3/4	30.000		
	Europe A	OTV Valentino	TV	DVB-S	3/4	30.000		
	Europe A	TV Duga +	TV	DVB-S	3/4	30.000		
	Europe A	K CN Svet + 3	TV	DVB-S	3/4	30.000		
	Europe A	K CN 1	TV	DVB-S	3/4	30.000		
	Europe A	K CN Music 2	TV	DVB-S	3/4	30.000		
	Europe A	Radio 1 Ljubljana	radio	DVB-S	3/4	30.000		
	Europe A	Radio Ognjisce	radio	DVB-S	3/4	30.000		
	Europe A	Radio Valentino	radio	DVB-S	3/4	30.000		
11.387	H Europe B	Total TV	package	DVB-S2	3/5	30.000	Videoguard	
	Europe B	Arena Sport 1 BiH	TV	DVB-S2	3/5	30.000	Videoguard	
	Europe B	Studio B	TV	DVB-S2	3/5	30.000	Y Videoguard	
	Europe B	Alternativna TV	TV	DVB-S2	3/5	30.000	Videoguard	
	Europe B	RTRS TV	TV	DVB-S2	3/5	30.000	Y Videoguard	
	Europe B	Brio	TV	DVB-S2	3/5	30.000	Videoguard	
	Europe B	Kino	TV	DVB-S2	3/5	30.000	Y Videoguard	
	Europe B	TV 3 Medias	TV	DVB-S2	3/5	30.000	Y Videoguard	
	Europe B	Doma Hrvatska	TV	DVB-S2	3/5	30.000	Y Videoguard	
	Europe B	RTL Hrvatska	TV	DVB-S2	3/5	30.000	Y Videoguard	
	Europe B	RTL 2 Hrvatska	TV	DVB-S2	3/5	30.000	Y Videoguard	
	Europe B	Mini TV	TV	DVB-S2	3/5	30.000	Y Videoguard	

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Europe B	Nova TV	TV	DVB-S2	3/5	Y	30.000	Videoguard	
	Europe B	Sitel TV	TV	DVB-S2	3/5		30.000	Videoguard	
	Europe B	Kanal 5	TV	DVB-S2	3/5		30.000	Videoguard	
	Europe B	Pikaboo	TV	DVB-S2	3/5		30.000	Videoguard	
	Europe B	Orlando Kids	TV	DVB-S2	3/5		30.000	Videoguard	
	Europe B	Kanal A	TV	DVB-S2	3/5	Y	30.000	Videoguard	
	Europe B	Sport Klub 2 Slovenija	TV	DVB-S2	3/5		30.000	Videoguard	
	Europe B	Minimax Serbia	TV	DVB-S2	3/5		30.000	Videoguard	
	Europe B	Lov i ribolov	TV	DVB-S2	3/5		30.000	Videoguard	
	Europe B	History Europe	TV	DVB-S2	3/5		30.000	Videoguard	
11.400	V Europe B	Tring Digital	package	DVB-S2	3/4		13.846	Conax	
	Europe B	BBF Music TV	TV	DVB-S2	3/4		13.846	Conax	
	Europe B	Elrodi TV	TV	DVB-S2	3/4		13.846	Conax	
	Europe B	Koha TV	TV	DVB-S2	3/4		13.846	Conax	
	Europe B	Jolly HD	TV	DVB-S2	3/4		13.846	Conax	
	Europe B	Club TV	TV	DVB-S2	3/4		13.846	Conax	
	Europe B	Fox Crime Regional	TV	DVB-S2	3/4		13.846	Conax	
	Europe B	Fox Life Regional	TV	DVB-S2	3/4		13.846	Conax	
	Europe B	TeleSport	TV	DVB-S2	3/4		13.846	Conax	
	Europe B	Tirana TV	TV	DVB-S2	3/4		13.846	Conax	
	Europe B	RTV 21 Sat	TV	DVB-S2	3/4		13.846	Conax	
	Europe B	Tring Fantasy	TV	DVB-S2	3/4		13.846	Conax	
	Europe B	Muse	TV	DVB-S2	3/4		13.846	Conax	
	Europe B	Bunga Bunga	TV	DVB-S2	3/4		13.846	Conax	
	Europe B	Bizarre	TV	DVB-S2	3/4		13.846	Conax	
	Europe B	TV 21 Macedonia	TV	DVB-S2	3/4		13.846	Conax	
	Europe B	Mediaset Italia	TV	DVB-S2	3/4		13.846	Conax	
	Europe B	Tring History	TV	DVB-S2	3/4		13.846	Conax	
	Europe B	National Geographic România	TV	DVB-S2	3/4		13.846	Conax	
	Europe B	Club FM	radio	DVB-S2	3/4		13.846		
11.427	V Europe B	Tring Digital	package	DVB-S2	5/6		27.500	Conax	
	Europe B	Vizion Plus	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	Tring Sport News	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	Tring Comedy	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	Tip TV	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	Tring Tring	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	Tring Planet	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	Tring Life	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	Tring Action	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	Tring Sport 1	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	Tring Sport 2	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	Smile	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	Tring Sport 3	TV	DVB-S2	5/6		27.500	Conax	Albanian
	Europe B	Luxe TV	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	3 Plus	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	Tring World	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	TV Shenja	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	Living	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	Tring Shqip	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	Click	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	RTSH 1	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	RTV 21 Popullore	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	Folk +	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	RTV 21 Junior	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	Fax News	TV	DVB-S2	5/6		27.500		
	Europe B	RTK 1	TV	DVB-S2	5/6		27.500		
	Europe B	Tring International	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	Ora News	TV	DVB-S2	5/6		27.500		
	Europe B	Channel One	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	Desire	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	Kanali 7	TV	DVB-S2	5/6		27.500		
	Europe B	Travel Channel Europe	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	Fox Srbija	TV	DVB-S2	5/6		27.500	Conax	
	Europe B	Tema TV	TV	DVB-S2	5/6		27.500	Conax	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
11.470	V Europe B	Mtel	package	DVB-S2	5/6	30.000	Conax	
	Europe B	Diema Family	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Eurosport 1	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Investigation Discovery Xtra	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Investigation Discovery Xtra	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	National Geographic Bulgaria	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Eurosport 1	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Planeta HD	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	TV Evropa	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Auto Motor und Sport	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	BNT World	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Planeta Folk	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Discovery Channel Bulgaria	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Duck TV SD	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Fen TV	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Fine Living	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Fox Crime Bulgaria	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	24 Kitchen Bulgaria	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Baby TV Europe	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Food Network EMEA	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Fox Bulgaria	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	TLC Balkan	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	BNT 2	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	BTV Comedy	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	BTV Cinema	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	BTV Lady	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Esports TV	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Bulgaria 24	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Nickelodeon Hrvatska	TV	DVB-S2	5/6	30.000	Conax	Croatian
	Europe B	Nat Geo Wild Europe	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Boomerang Central & Eastern Europe	TV	DVB-S2	5/6	30.000	Conax	
11.471	H Europe B	Total TV	package	DVB-S2	3/4	30.000	Conax/Videoguard	
	Europe B	Prva Srpska TV	TV	DVB-S2	3/4	Y 30.000	Videoguard	
	Europe B	Prva Plus	TV	DVB-S2	3/4	30.000	Videoguard	
	Europe B	Happy	TV	DVB-S2	3/4	Y 30.000	Videoguard	
	Europe B	RTV 1	TV	DVB-S2	3/4	Y 30.000	Videoguard	
	Europe B	BHT 1	TV	DVB-S2	3/4	30.000	Videoguard	
	Europe B	Federalna TV	TV	DVB-S2	3/4	Y 30.000	Videoguard	
	Europe B	Pop TV	TV	DVB-S2	3/4	Y 30.000	Videoguard	
	Europe B	TVCG 1	TV	DVB-S2	3/4	30.000	Videoguard	
	Europe B	TVCG 2	TV	DVB-S2	3/4	30.000	Videoguard	
	Europe B	HRT 1	TV	DVB-S2	3/4	Y 30.000	Videoguard	
	Europe B	HRT 2	TV	DVB-S2	3/4	Y 30.000	Videoguard	
	Europe B	MRT 1	TV	DVB-S2	3/4	30.000	Videoguard	
	Europe B	Sport Klub 1 Slovenija	TV	DVB-S2	3/4	30.000	Videoguard	
	Europe B	Hema TV	TV	DVB-S2	3/4	30.000	Videoguard	
	Europe B	Sport Klub 1 Hrvatska	TV	DVB-S2	3/4	30.000	Videoguard	
	Europe B	TV 1000 Balkan	TV	DVB-S2	3/4	30.000	Videoguard	
	Europe B	Discovery Channel Srbija	TV	DVB-S2	3/4	30.000	Conax/Videoguard	
	Europe B	Diva Adria	TV	DVB-S2	3/4	30.000	Videoguard	
	Europe B	Fox Crime Srbija	TV	DVB-S2	3/4	30.000	Conax/Videoguard	
	Europe B	Fox Life Srbija	TV	DVB-S2	3/4	30.000	Conax/Videoguard	
	Europe B	Fox Movies Srbija	TV	DVB-S2	3/4	30.000	Videoguard	
	Europe B	National Geographic Srbija	TV	DVB-S2	3/4	30.000	Conax/Videoguard	
	Europe B	AMC Balkan	TV	DVB-S2	3/4	30.000	Videoguard	
	Europe B	RTV 2	TV	DVB-S2	3/4	Y 30.000	Videoguard	
	Europe B	IDJ TV	TV	DVB-S2	3/4	30.000	Videoguard	
	Europe B	Nat Geo Wild Europe	TV	DVB-S2	3/4	30.000	Videoguard	
11.512	V Europe B	TV Romania	package	DVB-S2	2/3	29.950		
	Europe B	TVR 1	TV	DVB-S2	2/3	Y 29.950	Conax	
	Europe B	TVR 2	TV	DVB-S2	2/3	Y 29.950	Conax	
	Europe B	TVR 3	TV	DVB-S2	2/3	Y 29.950	Conax	
	Europe B	TVR Moldova	TV	DVB-S2	2/3	29.950	Conax	
	Europe B	TVR International	TV	DVB-S2	2/3	Y 29.950		

Freq	Beam		Analog	Diff	Fec		Symb ol Rate	Acces	Lang
	Europe B	TVR Cluj	TV	DVB-S2	2/3	Y	29.950		
	Europe B	TVR Craiova	TV	DVB-S2	2/3	Y	29.950		
	Europe B	TVR Iasi	TV	DVB-S2	2/3	Y	29.950		
	Europe B	TVR Timisoara	TV	DVB-S2	2/3	Y	29.950		
	Europe B	TVR Targu-Mures	TV	DVB-S2	2/3	Y	29.950		
	Europe B	TVR HD	TV	DVB-S2	2/3		29.950	Conax	
11.554	V Europe B	HRT 1	TV	DVB-S2	5/6	Y	30.000	Conax	
	Europe B	HRT 2	TV	DVB-S2	5/6	Y	30.000	Conax	
	Europe B	RTS 1	TV	DVB-S2	3/4	Y	30.000	Videoguard	
	Europe B	Balkanika Music TV	TV	DVB-S2	5/6		30.000	Conax	
	Europe B	RTS 2	TV	DVB-S2	3/4	Y	30.000	Videoguard	
	Europe B	Sport Klub 2 Srbija	TV	DVB-S2	5/6		30.000	Conax	
	Europe B	Hustler HD Europe	TV	DVB-S2	5/6		30.000	Conax	
	Europe B	Pink 2	TV	DVB-S2	3/4		30.000	Videoguard	
	South East Africa	France 24 Français	TV	DVB-S2	5/6		30.000		
	Europe B	Sport Klub 1 Hrvatska	TV	DVB-S2	5/6		30.000	Conax	
	Europe B	HRT 3	TV	DVB-S2	5/6	Y	30.000	Conax	
	Europe B	O2 TV	TV	DVB-S2	3/4	Y	30.000	Videoguard	
	Europe B	OBN	TV	DVB-S2	3/4	Y	30.000	Videoguard	
	Europe B	TV 1000 Balkan	TV	DVB-S2	5/6		30.000	Conax	
	Europe B	TV Slovenija 1	TV	DVB-S2	3/4	Y	30.000	Videoguard	
	Europe B	Sport Klub 3	TV	DVB-S2	5/6		30.000	Conax	
	Europe B	TV Slovenija 2	TV	DVB-S2	3/4	Y	30.000	Videoguard	
	Europe B	Federalna TV	TV	DVB-S2	5/6		30.000	Conax	
	Europe B	CineStar TV Hrvatska	TV	DVB-S2	5/6		30.000	Conax	
	Europe B	Prva TV Crna Gora	TV	DVB-S2	3/4		30.000	Videoguard	
	Europe B	Arena Sport 1	TV	DVB-S2	3/4		30.000	Videoguard	
	Europe B	Pikaboo	TV	DVB-S2	5/6		30.000	Conax	
	Europe B	Arena Sport 2	TV	DVB-S2	3/4		30.000	Videoguard	
	Europe B	RTL Living Hrvatska	TV	DVB-S2	5/6		30.000	Conax	
	Europe B	Sport Klub Golf	TV	DVB-S2	3/4		30.000	Videoguard	
	Europe B	Jugoton TV	TV	DVB-S2	5/6		30.000	Conax	
	South East Africa	Réunion 1ère Radio	radio	DVB-S2	5/6		30.000		
	Europe B	Mediaset Italia	TV	DVB-S2	5/6		30.000	Conax	
	Europe B	Prva World	TV	DVB-S2	3/4		30.000	Videoguard	
	South East Africa	Mayotte 1ère Radio	radio	DVB-S2	5/6		30.000		
	Europe B	Cinemanía	TV	DVB-S2	3/4		30.000	Videoguard	
	Europe B	Nat Geo Wild Europe	TV	DVB-S2	5/6		30.000	Conax	
	South East Africa	Mouv'	radio	DVB-S2	5/6		30.000		
	Europe B	Grand	TV	DVB-S2	3/4		30.000		
	Europe B	Klasik TV	TV	DVB-S2	5/6		30.000	Conax	
	Europe B	Kreator TV	TV	DVB-S2	5/6		30.000	Conax	
	South East Africa	Radio France Internationale	radio	DVB-S2	5/6		30.000		
	Europe B	HRT 4	TV	DVB-S2	5/6	Y	30.000	Conax	
	Europe B	N1 Bosna i Hercegovina	TV	DVB-S2	3/4		30.000	Videoguard	
	Europe B	Fight Channel World	TV	DVB-S2	5/6		30.000	Conax	
	South East Africa	France Info	radio	DVB-S2	5/6		30.000		
	Europe B	Orlando Kids	TV	DVB-S2	5/6		30.000	Conax	
	Europe B	Lov i ribolov	TV	DVB-S2	5/6		30.000	Conax	
	South East Africa	France Culture	radio	DVB-S2	5/6		30.000		
	Europe B	CineStar Premiere 2	TV	DVB-S2	5/6		30.000	Conax	
	Europe B	Fox Srbija	TV	DVB-S2	3/4		30.000	Conax/Videoguard	
	Europe B	CineStar Premiere 1	TV	DVB-S2	5/6		30.000	Conax	
	South East Africa	France Inter	radio	DVB-S2	5/6		30.000		
	Europe B	Fox Crime Srbija	TV	DVB-S2	3/4		30.000	Videoguard	
	South East Africa	France Musique	radio	DVB-S2	5/6		30.000		
	Europe B	Fight Channel	TV	DVB-S2	5/6		30.000	Conax/Videoguard	
	Europe B	24 Kitchen Srbija	TV	DVB-S2	3/4		30.000	Videoguard	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	AXN Central Europe	TV	DVB-S2	5/6	30.000	Conax	
	South East Africa	France Bleu 107.1	radio	DVB-S2	5/6	30.000		
	Europe B	RTS HD	TV	DVB-S2	3/4	30.000	Videoguard	
	South East Africa	France Bleu	radio	DVB-S2	5/6	30.000		
	South East Africa	RFI Afrique	radio	DVB-S2	5/6	30.000		
11.595	V Europe B	Mtel	package	DVB-S2	5/6	30.000	Conax	
	Europe B	BNT 1	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	RTL Crime Hrvatska	TV	DVB-S2	3/4	30.000	Nagravision	Croatian
	Europe B	BTV	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	BTV Action	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Nova Sport	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Diema Sport 2	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Alfa TV	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Nova TV	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Diema	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Z1	TV	DVB-S2	3/4	30.000		
	Europe B	Nickelodeon Hrvatska	TV	DVB-S2	3/4	30.000	Nagravision	Croatian
	Europe B	Ring	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Kino Nova	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Fox Life Bulgaria	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	DSTV	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Animal Planet Europe	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Bulgaria On Air	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	AXN Bulgaria	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Nat Geo Wild Europe	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Pink' o TV	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Okhota i Rybalka	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Bloomberg TV Bulgaria	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	AXN White	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	AXN Black	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	BG Music Channel	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Box TV	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Otvoreni Radio	radio	DVB-S2	3/4	30.000		
	Europe B	City TV	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Narodni Radio	radio	DVB-S2	3/4	30.000		
	Europe B	Mtel Sport 1	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Antena Zagreb	radio	DVB-S2	3/4	30.000		
	Europe B	EKids	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Radio Marija Hrvatska	radio	DVB-S2	3/4	30.000		
	Europe B	Evrokom	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Gold FM	radio	DVB-S2	3/4	30.000		
	Europe B	Edge Sport	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Enter ZG	radio	DVB-S2	3/4	30.000		
	Europe B	Planeta TV	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Radio Centar Studio Porec	radio	DVB-S2	3/4	30.000		
	Europe B	Tiankov Folk	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Bulgarian International TV	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Kanal 3	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Rodina	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Mtel Sport 2	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Fashion TV HD Europe	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	The Voice TV	TV	DVB-S2	5/6	30.000		
	Europe B	Magic TV	TV	DVB-S2	5/6	30.000		
	Europe B	Diema Sport	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Dusk TV Europe	TV	DVB-S2	5/6	30.000	Conax	
11.596	H South East Africa	Nat Geo Wild France	TV	DVB-S2	8/9	29.980	Viaccess	French
	South East Africa	Eurosport 1 France	TV	DVB-S2	8/9	29.980		
	South East Africa	RCF National	radio	DVB-S2	8/9	29.980		
	South East Africa	Sunlight FM	radio	DVB-S2	8/9	29.980		
11.637	H Europe B	Dorcel TV	TV	DVB-S2	5/6	30.000	Conax	

Freq	Beam		Analog	Diff	Fec	Symb of Rate	Acces	Lang
	Europe B	History Europe	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Nick Jr Europe	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Travelxp HD Europe	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Cartoon Network Bulgaria	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Disney Channel Romania	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Disney Channel Bulgaria	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	BNT HD	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Havoc TV	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Classica Deutschland	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Eurobet 5 ot 11	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Gold TV	TV	DVB-S2	5/6	30.000	Conax/Videoguard	
	Europe B	Barely Legal TV	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Disney Junior Romania & Bulgaria	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Da Vinci	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	Travel Channel Europe	TV	DVB-S2	5/6	30.000	Conax	
	Europe B	HBO 3 Central Europe	TV	DVB-S2	5/6	30.000	Conax/Videoguard	
	Europe B	CNN International Europe	TV	DVB-S2	5/6	30.000	Conax	
11.678	H Europe B	Posavina TV	TV	DVB-S2	3/4	30.000		
	South East Africa	6ter	TV	DVB-S2	3/5	30.000	Viaccess	French
	Europe B	Nova 24 TV	TV	DVB-S2	3/4	30.000		
	Europe B	Astro Savet	TV	DVB-S2	3/4	30.000		
	Europe B	Pickbox	TV	DVB-S2	3/4	30.000	Nagravision	
12.521	H Sub-Sahara Africa	My TV Smart	package	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	My TV More	TV	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	Silverbird TV	TV	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	Trace Urban	TV	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	My TV Yoruba	TV	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	AIT National	TV	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	Rave TV	TV	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	Channels TV	TV	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	My TV promo	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Quest TV	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Galaxy TV	TV	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	Digital Congo TV	TV	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	My TV Hausa	TV	DVB-S2	2/3	30.000	Conax	Hau
	Sub-Sahara Africa	My TV Series	TV	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	Wap TV	TV	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	Télé 50	TV	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	Aljazeera English	TV	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	Homebase TV	TV	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	RTI 2	TV	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	Wazobia TV	TV	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	NTA International	TV	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	My TV Africa	TV	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	Nolly Africa	TV	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	KBS World	TV	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	Ma Télé Afrique	TV	DVB-S2	2/3	30.000	Conax	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Sub-Sahara Africa	Ma Télé Xtra	TV	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	RTI 1	TV	DVB-S2	2/3	30.000	Conax	
	Sub-Sahara Africa	Aforevo TV	TV	DVB-S2	2/3	30.000	Conax	
12.541	V Europe B	Zico TV	TV	DVB-S2	3/4	19.970		
	Europe B	TV 21 Macedonia	TV	DVB-S2	3/4	19.970		
	Europe B	Radio 21	radio	DVB-S2	3/4	19.970		
	Europe B	Radio Dukagjini	radio	DVB-S2	3/4	19.970		
12.562	H Sub-Sahara Africa	unknown	package	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	TFM Infos	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Olé TFM	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	TFM Religions	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	NW Sport 1	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	TVT	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	NW Info	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	NW Cinema	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	DBS TV	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	LoveWorld Plus	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Dieu TV	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Cash Chrono	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	NW Magazine	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Unafrika TV	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	La Beninoise TV	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	La Chrétienne TV	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	QTV Senegal	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Vox TV	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	TVC News Nigeria	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	TVC Entertainment	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	BB 24	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	RFM	radio	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Radio Kara	radio	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Radio Lomé	radio	DVB-S2	2/3	30.000		
12.564	V Europe B	Kanal D Romania	TV	DVB-S	3/4	3.617	BISS	
12.570	H Europe A	SIC Internacional	TV	DVB-S	7/8	3.703	BISS	
12.574	V Europe B	Digital Sky	package	DVB-S2	2/3	6.500		
	Europe B	Etno TV	TV	DVB-S2	2/3	6.500		
	Europe B	Taraf TV	TV	DVB-S2	2/3	6.500		
	Europe B	Estrada TV	TV	DVB-S2	2/3	6.500		
	Europe B	Alfa Omega TV International	TV	DVB-S2	2/3	6.500		
	Europe B	Traditii TV	TV	DVB-S2	2/3	6.500		Romanian
12.593	V Europe B	DM Sat	TV	DVB-S	2/3	2.500		
12.597	V Europe B	TVCG Sat	TV	DVB-S	2/3	2.848		
	Europe B	Radio CG	radio	DVB-S	2/3	2.848		
12.604	H Sub-Sahara Africa	TV Sat Africa	package	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	TF 1	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	France 2	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Sub-Sahara Africa	France 3	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	France 5	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	France Ô	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	RTL 9	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	AB 3	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	Mangas	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	AB Moteurs	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	AB 1	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	Trek	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	Toute l'Histoire	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	Science & Vie TV	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	Animaux	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	Action	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	Nickelodeon Junior France	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	Crime District	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	TFX	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	TMC	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	Fox Sports Africa	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	KTO	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	Trace Africa	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	RTNC	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	Tiji	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	A+	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	TV Sat Africa promo	TV	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	XXL	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	Novelas TV	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	Gospel Music TV	TV	DVB-S2	2/3	30.000	Conax/Nagravision/Viaccess	
	Sub-Sahara Africa	RTL	radio	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	RFM	radio	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Virgin Radio France	radio	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Skyrock	radio	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	France Inter	radio	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Fun Radio	radio	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	RMC	radio	DVB-S2	2/3	30.000		
	Sub-Sahara Africa	Europe 1	radio	DVB-S2	2/3	30.000		
12.640	H Europe B	RTSH	package	DVB-S2	3/5	10.833		
	Europe B	RTSH 1	TV	DVB-S2	3/5	10.833		
	Europe B	RTSH 3	TV	DVB-S2	3/5	10.833		
	Europe B	RTSH Muzikë	TV	DVB-S2	3/5	10.833		
	Europe B	RTSH Plus	TV	DVB-S2	3/5	10.833		Albanian
	Europe B	RTSH Shqip	TV	DVB-S2	3/5	10.833		
	Europe B	RTSH Muzikë	TV	DVB-S2	3/5	10.833		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe B	Radio Tirana 1	radio	DVB-S2	3/5	10.833		
	Europe B	Radio Tirana 2	radio	DVB-S2	3/5	10.833		
	Europe B	Radio Tirana International	radio	DVB-S2	3/5	10.833		
	Europe B	Radio Tirana Klasik	radio	DVB-S2	3/5	10.833		
12.643	V Europe B	Freesat	package	DVB-S2	3/4	12.500	Conax	
	Europe B	Prima TV	TV	DVB-S2	3/4	12.500	Conax	
	Europe B	Kanal D Romania	TV	DVB-S2	3/4	12.500	Conax	
	Europe B	National TV	TV	DVB-S2	3/4	12.500	Conax	
	Europe B	Boomerang Central & Eastern Europe	TV	DVB-S2	3/4	12.500	Conax	
	Europe B	Pro TV	TV	DVB-S2	3/4	12.500	Conax	
	Europe B	Pro X	TV	DVB-S2	3/4	12.500	Conax	
	Europe B	Pro 2	TV	DVB-S2	3/4	12.500	Conax	
	Europe B	Pro Cinema	TV	DVB-S2	3/4	12.500	Conax	
	Europe B	TNT Romania	TV	DVB-S2	3/4	12.500	Conax	
	Europe B	România TV	TV	DVB-S2	3/4	12.500	Conax	
	Europe B	Neptun TV	TV	DVB-S2	3/4	12.500		
	Europe B	Radio Trinitas	radio	DVB-S2	3/4	12.500		
	Europe B	Radio Reîntregirea	radio	DVB-S2	3/4	12.500		
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	
	Europe B	Unire TV 2	TV	DVB-S	2/3	11.111	PowerVu	
	Europe B	Unire Blu	TV	DVB-S	2/3	11.111	PowerVu	
12.660	H Europe B	SNAI	package	DVB-S2	5/6	2.222		
	Europe B	SNAI promo	TV	DVB-S2	5/6	2.222	BISS	
	Europe B	SNAI Virtuali mosaic	TV	DVB-S2	5/6	2.222		
12.680	H Europe B	Joe	radio	DVB-S	1/2	.333		
12.699	H Europe B	SNAI	package	DVB-S	1/2	9.880		
	Europe B	SNAI Sat	TV	DVB-S	1/2	9.880	PowerVu	
	Europe B	SNAI Virtuali 2	TV	DVB-S	1/2	9.880		
	Europe B	SNAI Virtuali 3	TV	DVB-S	1/2	9.880		
12.717	H Europe B	Centrul National Media	package	DVB-S2	3/4	6.403	BISS	
	Europe B	National TV	TV	DVB-S2	3/4	6.403	BISS	
	Europe B	National 24 Plus	TV	DVB-S2	3/4	6.403	BISS	
	Europe B	Favorit TV	TV	DVB-S2	3/4	6.403		
	Europe B	Fresh FM	radio	DVB-S2	3/4	6.403		
	Europe B	RFI România	radio	DVB-S2	3/4	6.403		
	Europe B	National FM	radio	DVB-S2	3/4	6.403		
	Europe B	Favorit FM	radio	DVB-S2	3/4	6.403		
12.738	H Europe B	Realitatea Media	package	DVB-S	3/4	4.500		
	Europe B	Realitatea TV	TV	DVB-S	3/4	4.500		
	Europe B	Realitatea Plus	TV	DVB-S	3/4	4.500		
21.538	H Europe C	Vision 4	TV	DVB-S2	3/4	1.054		
21.540	H Europe C	Equinoxe TV	TV	DVB-S2	3/4	1.071		
21.541	H Europe C	Eden TV	TV	DVB-S2	3/4	1.071		
	Europe C	Diaspora FM	radio	DVB-S2	3/4	1.071		
21.543	H Europe C	TV Carrefour	TV	DVB-S2	3/4	1.100		
21.545	H Europe C	STV	package	DVB-S2	5/6	2.143		
	Europe C	Boom TV	TV	DVB-S2	5/6	2.143		
	Europe C	STV	TV	DVB-S2	5/6	2.143		
21.547	H Europe C	Golfe TV Africa	TV	DVB-S2	5/6	1.238		
	Europe C	Golfe FM	radio	DVB-S2	5/6	1.238		
21.548	H Europe C	Alpha Blondy FM	radio	DVB-S	3/4	.144		
21.562	H Europe C	ImpactTV	TV	DVB-S2	2/3	1.010		
21.563	H Europe C	Burkina Info TV	TV	DVB-S2	2/3	1.250		
21.564	H Europe C	Radio Immaculée Conception	radio	DVB-S	3/4	.128		
21.571	H Europe C	TFM	package	DVB-S2	5/6	2.900		
	Europe C	TFM	TV	DVB-S2	5/6	2.900		
	Europe C	TFM Religions	TV	DVB-S2	5/6	2.900		
	Europe C	RFM	radio	DVB-S2	5/6	2.900		
21.576	H Europe C	Canal 2 International	package	DVB-S2	3/4	3.332		
	Europe C	Canal 2 International	TV	DVB-S2	3/4	3.332		
	Europe C	Sweet FM Vision	TV	DVB-S2	3/4	3.332		
	Europe C	Canal 2 Musique	TV	DVB-S2	3/4	3.332		
	Europe C	Canal 2 Movies	TV	DVB-S2	3/4	3.332		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
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Europe C Canal 2 English TV DVB-S2 3/4 3.332

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11.175	V Western	BW TV	TV	DVB-S2	3/4	2.067	Conax	
	Western	Radio Andernach	radio	DVB-S2	3/4	2.067	Conax	
11.358	V Wide	Skylogic	interactiv e	DVB-S	2/3	7.500		
11.394	H Wide	Topaz TV	package	DVB-S2	3/4	2.690	Nagravision/BISS	
	Wide	Topaz TV	TV	DVB-S2	3/4	2.690	BISS	
	Wide	Topaz TV	TV	DVB-S2	3/4	2.690	Nagravision	
11.480	V Wide	Aqsa Satellite Channel	TV	DVB-S	3/4	2.222		
11.486	H Wide	Libya Panorama Channel	TV	DVB-S2	8/9	1.497		Arabic
11.488	V Wide	Afaq Satellite Channel	TV	DVB-S2	3/4	2.150		
11.489	H Wide	Alghadeer TV	TV	DVB-S2	3/4	1.953		Arabic
11.491	V Wide	Alquds Satellite Channel	TV	DVB-S2	3/4	2.210		
11.496	H Wide	Al Jadeed Sat	TV	DVB-S	3/4	2.500		
11.497	V Wide	ERI TV 1	TV	DVB-S	3/4	2.170		
	Wide	Radio Zara FM	radio	DVB-S	3/4	2.170		
	Wide	Dimtsi Hafash	radio	DVB-S	3/4	2.170		
11.499	H Wide	Iraq Education Channel	TV	DVB-S	3/4	2.170		
11.510	V Wide	Yemen Today TV	TV	DVB-S	5/6	1.306		Arabic
11.517	H Wide	Rûdaw	TV	DVB-S2	5/6	3.220		
	Wide	Rûdaw Radio	radio	DVB-S2	5/6	3.220		
	Wide	Rûdaw Music	radio	DVB-S2	5/6	3.220		
11.520	H Wide	Iran Press	TV	DVB-S	3/4	2.220		
11.543	V Wide	Al Baeenah Iraq TV	TV	DVB-S2	5/6	1.600		
11.547	V Wide	Yemen TV	TV	DVB-S	5/6	2.000		
	Wide	Radio Sana'a	radio	DVB-S	5/6	2.000		
11.569	H Western	Arryadia	package	DVB-S2	3/4	7.220		
	Western	Arryadia	TV	DVB-S2	3/4	7.220		
	Western	Arryadia	TV	DVB-S2	3/4	7.220		
	Western	Arryadia Live	TV	DVB-S2	3/4	7.220		
11.578	H Western	Medi 1 Radio	package	DVB-S	2/3	.512		
	Western	Medi 1 Maghreb	radio	DVB-S	2/3	.512		
	Western	Medi 1 Afrique	radio	DVB-S	2/3	.512		
11.582	V Wide	MBC Maghreb Al-Arabia	TV	DVB-S	7/8	2.850	BISS	
11.585	V Wide	MBC FM	radio	DVB-S2	7/8	2.850	BISS	
	Wide	Panorama FM	radio	DVB-S2	7/8	2.850	BISS	
11.590	V Wide	MBC Maser	TV	DVB-S	7/8	2.857	BISS	
11.599	H Western	Chada FM	package	DVB-S	3/4	.255		
	Western	Chada FM	radio	DVB-S	3/4	.255		
	Western	Chada FM	radio	DVB-S	3/4	.255		
11.604	H Western	Luxe Radio	radio	DVB-S	3/4	.185		
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		
	Western	MFM Radio Agadir	radio	DVB-S	3/4	.376		
	Western	MFM Radio Marrakech	radio	DVB-S	3/4	.376		
	Western	MFM Radio Fes	radio	DVB-S	3/4	.376		
11.674	H Wide	BW TV	TV	DVB-S2	5/6	1.813	Conax	
	Wide	Radio Andernach	radio	DVB-S2	5/6	1.813	Conax	
11.678	V Wide	Al Hadath	TV	DVB-S	7/8	2.850		
11.693	V Wide	OTV	TV	DVB-S2	5/6	1.660		
12.537	V Wide	Ronahî TV	TV	DVB-S	3/4	2.222		

EUTELSAT 25B/ES'HAIL 1

11.045	H MENA Ku	Aljazeera	package	DVB-S2	2/3	27.500		
	MENA Ku	Aljazeera Channel	TV	DVB-S2	2/3	27.500		
	MENA Ku	Aljazeera English	TV	DVB-S2	2/3	27.500		
	MENA Ku	Aljazeera Documentary	TV	DVB-S2	2/3	27.500		
11.103	V MENA Ku	BeIn	package	DVB-S2	3/4	27.500	Irdeto/Videoguard	
	MENA Ku	Jeem TV	TV	DVB-S2	3/4	27.500		
	MENA Ku	Baraem	TV	DVB-S2	3/4	27.500	Irdeto/Videoguard	
	MENA Ku	Fatafeat	TV	DVB-S2	3/4	27.500	Irdeto/Videoguard	
	MENA Ku	DTX Rossiya	TV	DVB-S2	3/4	27.500	Irdeto/Videoguard	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	MENA Ku	Be Junior	TV	DVB-S2	3/4	27.500	Irdeto/Videoguard	
	MENA Ku	Animal Planet HD	TV	DVB-S2	3/4	27.500	Irdeto/Videoguard	
11.123	H East	Yemeni mux	package	DVB-S	5/6	27.500		
	East	Aden TV	TV	DVB-S	5/6	27.500		
	East	Yemen TV	TV	DVB-S	5/6	27.500		
11.142	V MENA Ku	unknown	package	DVB-S	3/4	27.500		
	MENA Ku	Al Resoul	TV	DVB-S	3/4	27.500		
	MENA Ku	Al Rafidain TV	TV	DVB-S	3/4	27.500		
	MENA Ku	Alaraby TV	TV	DVB-S	3/4	27.500		
	MENA Ku	Alaraby TV	TV	DVB-S	3/4	27.500		
	MENA Ku	Mekameleen TV	TV	DVB-S	3/4	27.500		
	MENA Ku	Albawadi TV	TV	DVB-S	3/4	27.500		
	MENA Ku	Al Rayyan Satellite Channel	TV	DVB-S	3/4	27.500		
	MENA Ku	Al Rayyan Radio	radio	DVB-S	3/4	27.500		
	MENA Ku	Sout Al Islam	radio	DVB-S	3/4	27.500		
11.180	V MENA Ku	BeIn 4K	TV	DVB-S2	2/3	27.500	Videoguard	
11.566	H MENA Ku	BeIn Sports Global	TV	DVB-S2	2/3	27.500		
	MENA Ku	BeIn Sports News	TV	DVB-S2	2/3	27.500		
11.585	V MENA Ku	BeIn Max 1 HD	TV	DVB-S2	2/3	27.500	Irdeto/Videoguard	
11.604	H MENA Ku	Aljazeera	package	DVB-S	3/4	27.500		
	MENA Ku	Aljazeera Channel	TV	DVB-S	3/4	27.500		
	MENA Ku	Aljazeera Mubasher	TV	DVB-S	3/4	27.500		
	MENA Ku	Aljazeera English	TV	DVB-S	3/4	27.500		
	MENA Ku	Aljazeera Documentary	TV	DVB-S	3/4	27.500		
	MENA Ku	Qatar TV	TV	DVB-S	3/4	27.500		
	MENA Ku	Aljazeera Mubasher Misr	TV	DVB-S	3/4	27.500		
11.623	V MENA Ku	BeIn Max 2 HD	TV	DVB-S2	2/3	27.500	Irdeto/Videoguard	
11.678	H MENA Ku	Noorsat	package	DVB-S	5/6	27.500		
	MENA Ku	Al Mayadeen TV	TV	DVB-S	5/6	27.500		
	MENA Ku	Wesal Haq	TV	DVB-S	5/6	27.500		
	MENA Ku	Alalam News Channel	TV	DVB-S	5/6	27.500		
	MENA Ku	Alkarma TV Middle East 1	TV	DVB-S	5/6	27.500		
	MENA Ku	IUC	TV	DVB-S	5/6	27.500		
	MENA Ku	Nour Kids	TV	DVB-S	5/6	27.500		
	MENA Ku	Orient News	TV	DVB-S	5/6	27.500		
	MENA Ku	Aqsa Satellite Channel	TV	DVB-S	5/6	27.500		
	MENA Ku	The Word Network	TV	DVB-S	5/6	27.500		
	MENA Ku	Alghadeer TV	TV	DVB-S	5/6	27.500		
	MENA Ku	SBN International	TV	DVB-S	5/6	27.500		
	MENA Ku	OTV	TV	DVB-S	5/6	27.500		
	MENA Ku	Taha TV	TV	DVB-S	5/6	27.500		
	MENA Ku	The Overcomer	radio	DVB-S	5/6	27.500		
21.478	H MENA Ka	SNRT	package	DVB-S	3/4	21.422		
	MENA Ka	Al Aoula Maroc	TV	DVB-S	3/4	21.422		
	MENA Ka	2M Monde	TV	DVB-S	3/4	21.422		
	MENA Ka	Arryadia	TV	DVB-S	3/4	21.422		
	MENA Ka	Athaqafia	TV	DVB-S	3/4	21.422		
	MENA Ka	Al Maghribia	TV	DVB-S	3/4	21.422		
	MENA Ka	Assadissa	TV	DVB-S	3/4	21.422		
	MENA Ka	Medi 1 TV Afrique	TV	DVB-S	3/4	21.422		

EUTELSAT 28E

11.386	V UK	Sky UK	package	DVB-S2	3/4	29.500	Videoguard	
	UK	Sky UK	package	DVB-S2	8/9	29.500	Videoguard	
	UK	BT Sport 1	TV	DVB-S2	3/4	29.500	Videoguard	
	UK	BT Sport 2	TV	DVB-S2	8/9	29.500	Videoguard	
	UK	AMC UK	TV	DVB-S2	3/4	29.500	Videoguard	
	UK	BT Sport 2 in Pubs	TV	DVB-S2	8/9	29.500	Videoguard	
	UK	BT Sport 3	TV	DVB-S2	3/4	29.500	Videoguard	
	UK	BT Sport ESPN	TV	DVB-S2	8/9	29.500	Videoguard	
	UK	BT Sport Box Office	TV	DVB-S2	8/9	29.500	Videoguard	English
11.426	H UK	The Racing Partnership	TV	DVB-S	2/3	27.500	Conax	
	UK	Sky UK	package	DVB-S	5/6	27.500		
	UK	Food Network UK	TV	DVB-S	5/6	27.500		
	UK	PBS America	TV	DVB-S	5/6	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	UK	Food Network UK +1	TV	DVB-S	5/6	27.500		
	UK	Gems TV	TV	DVB-S	5/6	27.500		
	UK	Babestation	TV	DVB-S	5/6	27.500		
	UK	FreeSports	TV	DVB-S	5/6	27.500		
	UK	Craft Extra	TV	DVB-S	5/6	27.500		
	UK	France 24 English	TV	DVB-S	5/6	27.500		
	UK	TV 5 Monde Europe	TV	DVB-S	5/6	Y 27.500		

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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	Tru TV UK +1	TV	DVB-S	5/6	27.500		
	UK	Universal Channel UK +1	TV	DVB-S	5/6	27.500	Videoguard	
	UK	E! Ireland	TV	DVB-S	5/6	27.500	Videoguard	
	UK	Tru TV UK	TV	DVB-S	5/6	27.500		
	UK	E! UK	TV	DVB-S	5/6	27.500	Videoguard	
	UK	Scuzz	TV	DVB-S	5/6	27.500		
	UK	Chart Show Hits	TV	DVB-S	5/6	27.500		
	UK	Syfy UK	TV	DVB-S	5/6	27.500	Videoguard	
	UK	True Movies UK	TV	DVB-S	5/6	27.500		
	UK	Universal Channel UK	TV	DVB-S	5/6	27.500	Videoguard	
	UK	True Movies UK +1	TV	DVB-S	5/6	27.500		
	UK	Universal Channel Ireland	TV	DVB-S	5/6	27.500	Videoguard	
	UK	Movies 24 UK	TV	DVB-S	5/6	27.500	Videoguard	
	UK	Tiny Pop	TV	DVB-S	5/6	27.500		
	UK	Movies 24 UK +	TV	DVB-S	5/6	27.500	Videoguard	
	UK	Starz	TV	DVB-S	5/6	27.500		
	UK	Pop	TV	DVB-S	5/6	27.500		
	UK	Syfy UK +1	TV	DVB-S	5/6	27.500	Videoguard	
	UK	Motorsport TV UK	TV	DVB-S	5/6	27.500		
	UK	Tiny Pop +1	TV	DVB-S	5/6	27.500		
	UK	Pop Max	TV	DVB-S	5/6	27.500		
	UK	S4C	TV	DVB-S	5/6	27.500		
	UK	The Vault	TV	DVB-S	5/6	27.500		
	UK	Pop Max +1	TV	DVB-S	5/6	27.500		
	UK	Chart Show TV	TV	DVB-S	5/6	27.500		
	UK	Pop +1	TV	DVB-S	5/6	27.500		
	UK	True Entertainment	TV	DVB-S	5/6	27.500		
	UK	True Entertainment +1	TV	DVB-S	5/6	27.500		
	UK	Sony Crime Channel	TV	DVB-S	5/6	Y 27.500		
	UK	Sony Crime Channel 2	TV	DVB-S	5/6	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		
	UK	Studio 66 TV 1	TV	DVB-S	5/6	27.500		
	UK	Box Nation	TV	DVB-S	5/6	27.500	Videoguard	
	UK	Horror Channel UK	TV	DVB-S	5/6	27.500		
	UK	At The Races Ireland	TV	DVB-S	5/6	Y 27.500	Videoguard	English
	UK	Babestation Blue	TV	DVB-S	5/6	27.500		
	UK	Babestation Daytime Xtra	TV	DVB-S	5/6	27.500		
	UK	BT Sport 1	TV	DVB-S	5/6	27.500	Videoguard	
	UK	BT Sport Extra 2	TV	DVB-S	5/6	27.500	Videoguard	
	UK	AMC UK	TV	DVB-S	5/6	27.500	Videoguard	
	UK	BT Sport Extra 3	TV	DVB-S	5/6	27.500	Videoguard	
	UK	BT Sport Extra 4	TV	DVB-S	5/6	27.500	Videoguard	
	UK	CBS Action UK	TV	DVB-S	5/6	27.500		
	UK	BT Sport 3	TV	DVB-S	5/6	27.500	Videoguard	
	UK	BT Sport Extra 5	TV	DVB-S	5/6	27.500	Videoguard	
	UK	BT Sport Extra 6	TV	DVB-S	5/6	27.500	Videoguard	
	UK	High Street TV 3	TV	DVB-S	5/6	27.500		
	UK	BT Sport 2	TV	DVB-S	5/6	27.500	Videoguard	
	UK	CBS Reality UK	TV	DVB-S	5/6	27.500		
	UK	BT Sport ESPN	TV	DVB-S	5/6	27.500	Videoguard	
	UK	BT Sport Extra 1	TV	DVB-S	5/6	27.500	Videoguard	
	UK	BT Sport mosaic	TV	DVB-S	5/6	27.500	Videoguard	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	UK	CBS Reality UK +1	TV	DVB-S	5/6	27.500		
	UK	Horror Channel UK +1	TV	DVB-S	5/6	27.500		
	UK	BT Sport mosaic	TV	DVB-S	5/6	27.500	Videoguard	
	UK	Psychic Today	TV	DVB-S	5/6	27.500		
	UK	Babecall 2	TV	DVB-S	5/6	27.500		
	UK	S4C	TV	DVB-S	5/6	Y 27.500		
	UK	YourTV	TV	DVB-S	5/6	27.500		English

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11.224	H	Europe Ku	Sky UK	package	DVB-S	2/3	27.500	
		Europe Ku	Sky UK	package	DVB-S2	2/3	23.000	
		Europe Ku	ABN TV	TV	DVB-S	2/3	27.500	
		Europe Ku	Front Runner TV	TV	DVB-S	2/3	27.500	
		Europe Ku	RT UK	TV	DVB-S2	2/3	23.000	
		Europe Ku	Arirang World	TV	DVB-S2	2/3	23.000	
		Europe Ku	Premier Sports	TV	DVB-S2	2/3	23.000	Videoguard
		Europe Ku	BFBS Radio Digital	radio	DVB-S	2/3	27.500	
		Europe Ku	LBC London	radio	DVB-S	2/3	27.500	
		Europe Ku	Heart 106.2 London	radio	DVB-S	2/3	27.500	
		Europe Ku	Heart 80s	radio	DVB-S	2/3	27.500	
		Europe Ku	Absolute Radio	radio	DVB-S	2/3	27.500	
		Europe Ku	Absolute Radio 80s	radio	DVB-S	2/3	27.500	
		Europe Ku	Absolute Radio 90s	radio	DVB-S	2/3	27.500	
		Europe Ku	Absolute Radio Classic Rock	radio	DVB-S	2/3	27.500	
11.264	V	Europe Ku	Sky UK	package	DVB-S	2/3	27.500	
		Europe Ku	Phoenix CNE	TV	DVB-S	2/3	27.500	
		Europe Ku	Islam Channel Urdu	TV	DVB-S	2/3	27.500	
		Europe Ku	MTA 1	TV	DVB-S	2/3	27.500	Ben
		Europe Ku	TBN UK	TV	DVB-S	2/3	27.500	
		Europe Ku	God TV UK	TV	DVB-S	2/3	27.500	
		Europe Ku	Revelation TV	TV	DVB-S	2/3	27.500	
		Europe Ku	Peace TV English	TV	DVB-S	2/3	27.500	
		Europe Ku	EWTN UK & Ireland	TV	DVB-S	2/3	27.500	
		Europe Ku	Peace TV Urdu	TV	DVB-S	2/3	27.500	
		Europe Ku	EWTN Radio Europe/UK	radio	DVB-S	2/3	27.500	
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
		Europe Ku	Propeller TV	TV	DVB-S	5/6	22.000	
		Europe Ku	Rishtey Europe	TV	DVB-S	5/6	22.000	Videoguard
		Europe Ku	Olive TV	TV	DVB-S	5/6	22.000	
		Europe Ku	Colors	TV	DVB-S	5/6	22.000	Videoguard
		Europe Ku	Kanshi TV	TV	DVB-S	5/6	22.000	
		Europe Ku	Channel Aka	TV	DVB-S	5/6	22.000	
		Europe Ku	Star Plus UK	TV	DVB-S	5/6	22.000	Videoguard
		Europe Ku	Property TV	TV	DVB-S	5/6	22.000	
		Europe Ku	Star Gold UK	TV	DVB-S	5/6	22.000	Videoguard
		Europe Ku	Eman Channel	TV	DVB-S	5/6	22.000	
		Europe Ku	Safeer TV	TV	DVB-S	5/6	22.000	
		Europe Ku	TCM UK +1	TV	DVB-S	5/6	22.000	Videoguard
		Europe Ku	Rishtey Cineplex	TV	DVB-S	5/6	22.000	Videoguard
		Europe Ku	Star Bharat UK	TV	DVB-S	5/6	22.000	Videoguard
		Europe Ku	Panjab Radio	radio	DVB-S	5/6	22.000	
		Europe Ku	Sukh Sagar Radio	radio	DVB-S	5/6	22.000	
		Europe Ku	Kiss FM	radio	DVB-S	5/6	22.000	
		Europe Ku	Magic 105.4	radio	DVB-S	5/6	22.000	
11.597	V	Europe Ku	Sky UK	package	DVB-S	5/6	22.000	
		Europe Ku	Travel Channel UK +1	TV	DVB-S	5/6	22.000	
		Europe Ku	Channels 24	TV	DVB-S	5/6	22.000	
		Europe Ku	Vintage TV	TV	DVB-S	5/6	22.000	
		Europe Ku	The Jewellery Channel	TV	DVB-S	5/6	22.000	
		Europe Ku	GN TV	TV	DVB-S	5/6	22.000	
		Europe Ku	Thane	TV	DVB-S	5/6	22.000	
		Europe Ku	Gospel Channel Europe	TV	DVB-S	5/6	22.000	
		Europe Ku	Yanga!	TV	DVB-S	5/6	22.000	
		Europe Ku	Ideal World	TV	DVB-S	5/6	22.000	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe Ku	Now 80's	TV	DVB-S	5/6	22.000		
	Europe Ku	Ideal Extra	TV	DVB-S	5/6	22.000		
	Europe Ku	Takbeer TV	TV	DVB-S	5/6	22.000		
	Europe Ku	SBN International	TV	DVB-S	5/6	22.000		
	Europe Ku	Create and Craft	TV	DVB-S	5/6	22.000		
	Europe Ku	Showcase TV	TV	DVB-S	5/6	22.000		
	Europe Ku	CNC World English	TV	DVB-S	5/6	22.000		
11.612	H Europe Ku	Sky UK	package	DVB-S2	2/3	23.000		
	Europe Ku	Iran International	TV	DVB-S2	2/3	23.000		Farsi
	Europe Ku	Record TV Reino Unido	TV	DVB-S2	2/3	23.000		
	Europe Ku	Aljazeera English	TV	DVB-S2	2/3	23.000		
11.627	V Europe Ku	Sky UK	package	DVB-S	5/6	22.000		
	Europe Ku	UK 44	TV	DVB-S	5/6	22.000		Urdu
	Europe Ku	Price Crash	TV	DVB-S	5/6	22.000		English
	Europe Ku	TV X Pay-Per-Night	TV	DVB-S	5/6	22.000		English
11.656	V Europe Ku	Sky UK	package	DVB-S	5/6	22.000	Videoguard	
	Europe Ku	TV X	TV	DVB-S	5/6	22.000	Videoguard	
	Europe Ku	TV X Pay-Per-Night 2	TV	DVB-S	5/6	22.000	Videoguard	
	Europe Ku	TV X Pornstars	TV	DVB-S	5/6	22.000	Videoguard	
	Europe Ku	TV X Pay-Per-Night	TV	DVB-S	5/6	22.000	Videoguard	
	Europe Ku	40+	TV	DVB-S	5/6	22.000	Videoguard	
	Europe Ku	Holiday & Cruise TV	TV	DVB-S	5/6	22.000		
	Europe Ku	Price Crash	TV	DVB-S	5/6	22.000		
	Europe Ku	Shop Now	TV	DVB-S	5/6	22.000		English
	Europe Ku	UK 44	TV	DVB-S	5/6	22.000		
	Europe Ku	Zee TV UK	TV	DVB-S	5/6	22.000	Videoguard	Hindustani
	Europe Ku	& TV	TV	DVB-S	5/6	22.000	Videoguard	
	Europe Ku	Jus Punjabi	TV	DVB-S	5/6	22.000		Pan
11.671	H Europe Ku	Sky UK	package	DVB-S	5/6	22.000	Videoguard	
	Europe Ku	Cartoon Network UK	TV	DVB-S	5/6	22.000	Videoguard	
	Europe Ku	Boomerang UK	TV	DVB-S	5/6	22.000	Videoguard	
	Europe Ku	Boomerang UK +1	TV	DVB-S	5/6	22.000	Videoguard	
	Europe Ku	Cartoon Network UK +1	TV	DVB-S	5/6	22.000	Videoguard	
	Europe Ku	CNN International Europe	TV	DVB-S	5/6	22.000	Y	
	Europe Ku	CNN International Europe	TV	DVB-S	5/6	22.000		
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	Hindustani
	Europe Ku	Daystar TV	TV	DVB-S2	2/3	23.000		
	Europe Ku	Bloomberg TV UK	TV	DVB-S2	2/3	23.000		
	Europe Ku	Box Nation Live HD	TV	DVB-S2	2/3	23.000	Videoguard	

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11.212	H Eurasia	GeoSat	package	DVB-S2	3/5	14.400		
	Eurasia	Rustavi 2	TV	DVB-S2	3/5	14.400		
	Eurasia	Comedy TV	TV	DVB-S2	3/5	14.400		
	Eurasia	Marao TV	TV	DVB-S2	3/5	14.400		
	Eurasia	Kavkasia TV	TV	DVB-S2	3/5	14.400		
	Eurasia	1 TV	TV	DVB-S2	3/5	14.400		
	Eurasia	Nastoyashcheye Vremya	TV	DVB-S2	3/5	14.400		Russian
	Eurasia	Green Wave FM	radio	DVB-S2	3/5	14.400		
	Eurasia	Radio Maestro	radio	DVB-S2	3/5	14.400		
11.221	V South Africa	Zap	package	DVB-S2	5/6	30.000	Nagravision	
	South Africa	TV Cine 4	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	TV Cine 2	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	TV Cine 3	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	CCTV 4 Europe	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Zap Viva	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	RTP Internacional Europa	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	SIC Radical	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	RFM TV	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	NBA TV	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Extreme Sports Channel	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Fine Living	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Bloomberg TV Africa	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	BBC World News Africa	TV	DVB-S2	5/6	30.000	Nagravision	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	South Africa	Disney Junior Portugal	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Discovery Science	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	JimJam Europe	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Nautical Channel	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	STV Noticias	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	WooHoo	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	TVI Ficção	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Kiss TV	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	TV Cine 1	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Stingray IConcerts	TV	DVB-S2	5/6	30.000	Nagravision	
11.230	H Eurasia	Stereo+	package	DVB-S2	3/5	15.000		
	Eurasia	Imedi TV	TV	DVB-S2	3/5	15.000	BISS	
	Eurasia	GDS TV	TV	DVB-S2	3/5	15.000	BISS	
	Eurasia	Rustavi 2	TV	DVB-S2	3/5	15.000		
	Eurasia	Marao TV	TV	DVB-S2	3/5	15.000		
	Eurasia	TV Pirveli	TV	DVB-S2	3/5	15.000		
	Eurasia	Comedy TV	TV	DVB-S2	3/5	15.000		
	Eurasia	Obieqivi TV	TV	DVB-S2	3/5	15.000		
	Eurasia	Iberia TV	TV	DVB-S2	3/5	15.000		
	Eurasia	Palitra News	TV	DVB-S2	3/5	15.000		Georgian
11.254	H Eurasia	BNT World	TV	DVB-S2	2/3	15.000		
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	
	South Africa	Canal Panda Portugal	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Biggs	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Afro Music Channel	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	C Music TV	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Baby TV Europe	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	CGTN	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Soico TV	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Box Hits	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	TVI Internacional	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Fox Life Portugal	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Fox Sports Africa	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Fox Movies Portugal	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Fox Comedy Portugal	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Aljazeera Channel	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	A&E Portugal	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	História Portugal	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Rossiya 24	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Syfy Portugal	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	TVE Internacional Europa	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Luxe TV	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	MyZen Nature	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	NBA TV	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Zap Viva	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Odisseia	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	MyZen Music	TV	DVB-S2	5/6	30.000	Nagravision	
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	
	South Africa	Histoire	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	LCI	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	TV Globo Internacional Europa/África	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	France Ô	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	France 2	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	France 3	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	France 5	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Outdoor Channel International	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Motorvision TV	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	A Bola TV	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Fight Network	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	SIC K	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Zap Novelas	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	EuroNews Português	TV	DVB-S2	5/6	30.000	Nagravision	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	South Africa	Sport TV África 1	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	TV Séries	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Fox Portugal	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Benfica TV	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Be Kuduro	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Globo On	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	CM TV	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	MTV Beats	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	La Liga na Zap	TV	DVB-S2	5/6	30.000	Nagravision	
11.346	V South Africa	Zap	package	DVB-S2	5/6	30.000	Nagravision	
	South Africa	SIC Mulher	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	SIC Caras	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	24 Kitchen Portugal	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	RTR Planeta	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	BabyFirst TV	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	RTP África	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	RTP 3	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	TVI 24	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Colors	TV	DVB-S2	5/6	30.000	Nagravision	Hindustani
	South Africa	Sporting TV	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Canal 24 Horas	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	MCM Top	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Afro Music Concert	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Band Internacional	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Cubavisión Internacional	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	La Liga na Zap	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Fox Life Portugal	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	France 24 Français	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	The Box Africa	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Sport TV África 1	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Stingray Brava	TV	DVB-S2	5/6	30.000	Nagravision	
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	
	South Africa	AXN Black Portugal	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	TLN Network	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Caza y Pesca	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Canal Hollywood Portugal	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Travel Channel Europe	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Tiji	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	RT News	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	MUTV	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Band News	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Disney Channel Portugal	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Nat Geo Wild South Africa	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Rai Italia Africa	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Aljazeera English	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Fox Crime Portugal	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Porto Canal	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Fox Sports 2 Africa	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Afro Music Angola	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Blast	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	National Geographic Portugal	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Fashion TV HD Europe	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	AXN Portugal	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	TV Globo Internacional Europa/África	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Fox Portugal	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	BET International	TV	DVB-S2	5/6	30.000	Nagravision	
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	Nagravision	
	South Africa	TPA 1	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	TPA 2	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	TV Zimbo	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	MTV Base Africa	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Zap promo	TV	DVB-S2	5/6	30.000	Nagravision	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	South Africa	TVM	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	TV Sucesso	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Digital Congo TV	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Zap Filmes 1	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Zap Filmes 3	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	TIM	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	MTV India	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Zap Filmes 1	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	TPA Internacional	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Zap Filmes 2	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	RTNC	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Télé 50	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	TVM Internacional	TV	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Rádio Mais	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Radio Cazenga	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Rádio Luanda	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Rádio Ecclesia	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	FM Estéreo	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Luanda Antena Comercial	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Rádio Cinco	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Canal A	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Rádio Viana	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Rádio Escola	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Zap Rock	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Zap Blue	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Zap Jazz	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Zap Dance Clubbin	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Zap Easy Listening	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Zap Hip Hop	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Zap Trance	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Zap Reggae	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Zap The Chill Lounge	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Zap 80's	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Zap 90's	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Zap Pop	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Zap Classic Music	radio	DVB-S2	5/6	30.000	Nagravision	
	South Africa	Zap Afro Beat	radio	DVB-S2	5/6	30.000	Nagravision	
11.474	V South Africa	AXN Portugal	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
11.491	V Eurasia	Al Mayadeen TV	TV	DVB-S2	3/4	2.200		
11.510	V South Africa	Fox Portugal	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
11.557	V South Africa	Boomerang Portugal	TV	DVB-S	5/6	30.000	Irdeto	Portuguese
11.586	H Eurasia	Alanbar Satellite Channel	TV	DVB-S	5/6	2.170		
11.727	L 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	
	Russia	Nashe TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Paramount Comedy Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Nashe Novoe Kino	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Auto Plus	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Nauka	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Sarafan	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Sankt Peterburg	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Rodnoe Kino	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	MTV Rocks	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	STS Love	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	MTV Hits	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	VH1 Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	TNT Music	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Europa Plus TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Vremya	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Russkiy Roman	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	TV 5 Monde Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Match! Nash Sport	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Kinomiks	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Bridge TV Dance	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
11.747	H Sub-Sahara Africa	M-Net Movies Action + Africa	TV	DVB-S	3/4	27.500	Irdeto	English
11.766	L Russia	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Russkij Extrem	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Sub-Sahara Africa	Universal Channel South Africa	TV	DVB-S	3/4	27.500	Irdeto	English
	Russia	Kinopokaz HD 1	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Kinopokaz HD 2	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Eda	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Iskushenie	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Nashe Lyubimoe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
11.785	R Russia	Match! Arena	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	Match! Boets	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	NTV Plus Infokanal	TV	DVB-S2	3/4	27.500		
11.804	L 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	
	Russia	Mama	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Russkiy Bestseller	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	TV Guberniya	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Kinosvidanie	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	KHL TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	NST	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Muzhskoe Kino	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Zhara	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	La Minor	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Kuhnya TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Muzika Pervogo	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Bridge TV Classic	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Telecafé	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Match! Futbol 1	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Match! Futbol 2	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Match! Futbol 3	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Candy TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	CandyMan TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Zhivaya Planeta	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	T24	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Russkiy Detektiv	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Nano TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
11.823	H Sub-Sahara Africa	Canal + Sport 2 Afrique	TV	DVB-S	3/4	27.500	Irdeto	French
11.843	L 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	
	Sub-Sahara Africa	Dish on TV promo	TV	DVB-S	3/4	27.500		
	Russia	Zee TV Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Game Show	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Svoyo TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Telekanal O!	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Poehali!	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Shalun	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Telepoisk	TV	DVB-S2	3/4	27.500		
	Russia	Kinozal 1	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Kinozal 2	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Kinozal 3	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Kinozal 4	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Kinozal 5	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Kinozal 6	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Kinozal 7	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Kinozal 8	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Kinozal 9	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Kinozal 10	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Kinozal 11	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Kinozal 12	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
11.881	L Russia	Tricolor TV	package	DVB-S	3/4	27.500	Exset/DRE-Crypt	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Russia	Perviy kanal	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Russia	Rossiya 1	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Russia	Match!	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Russia	NTV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Russia	5 Kanal	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Russia	Rossiya K	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Russia	Rossiya 24	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Russia	Karusel	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Russia	OTR	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Russia	TV Centr	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Russia	REN TV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Russia	Telekanal Spas	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Russia	STS	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Russia	Domashniy Magazin	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Russia	TV 3	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Russia	Pyatnitsa!	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Russia	Telekanal Zvezda	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Russia	Mir	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Russia	TNT	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Russia	Muz TV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	Russian
11.900	H Sub-Sahara Africa	CBS Reality South Africa	TV	DVB-S	3/4	27.500	Irdeto	Portuguese,English
	Russia	Da Vinci	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	TV 1000 East	TV	DVB-S2	3/4	27.500	Viaccess	Russian
11.919	L Russia	Nash Futbol	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Nochnoy Club	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Russkaya Noch	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Olala	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Brazzers TV Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Dom Kino Premium	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Nickelodeon HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Perviy kanal	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
11.940	H Sub-Sahara Africa	CGTN	TV	DVB-S	3/4	27.500		
	Sub-Sahara Africa	CCTV 4 Europe	TV	DVB-S	3/4	27.500		
	Sub-Sahara Africa	AIT International	TV	DVB-S	3/4	27.500	Irdeto	English
11.958	L Russia	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Rossiya 1	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Fox Life Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Nat Geo Wild Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	National Geographic Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Fox Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Fashion Television Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
11.977	R Russia	Perviy kanal	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	NTV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
11.996	L Russia	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Rossiya 1	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Karusel	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	5 Kanal	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Rossiya K	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	NTV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	TNT	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	STS	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Radost Moya	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Kanal Disney	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Detski Mir	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	TeleKlub	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Cartoon Network Russia & South East Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Boomerang Central & Eastern Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Detskiy	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Tiji Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Gulli Girl	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Russia	JimJam Rossiya	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Baby TV Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Perviy kanal	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Grad Petrov	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Hit FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Chuvash Radio	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Russkoe Radio	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Kavkaz Music	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Radio Vanya	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Comedy Radio	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Radio Chanson	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Detskoe Radio	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	DFM 101.2	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Maximum 103.7 FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Radio Rus	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Strana FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Radio Kultura	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Radio Iskatel	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Radio Dacha	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Radio Radonezh	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Novoe Radio	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Sport FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Taxi FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Dorognoe Radio	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Retro FM Rossiya	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Europa Plus	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Radio Dlya Dvoih	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Radio 7	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Modnoe Radio	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Radio Mir	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Radio Komsomolskaya Pravda	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Radio Roks	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Radio Record	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Radio 107	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Radio Orfey	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Love Radio	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Radio Zvezda	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Humor FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	NRJ Russia	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Radio Romantika	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Avtoradio Moskva	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
12.015	H Sub-Sahara Africa	Radio Okapi	radio	DVB-S	3/4	27.500		
12.034	L Russia	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Sub-Sahara Africa	JimJam Europe	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Russia	Kino Premium HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Ostrosyuzhetnoye Kino HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Nash Detektiv	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Match!	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Nash Kinoroman	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Travel + Adventure	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Radio Monte Carlo	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Maks FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Sub-Sahara Africa	CGTN Documentary	TV	DVB-S	3/4	27.500		
12.054	H Sub-Sahara Africa	M-Net East	TV	DVB-S	3/4	27.500	Irdeto	English
12.073	V Sub-Sahara Africa	Palanca TV	TV	DVB-S	3/4	27.500	Irdeto	Portuguese
	Sub-Sahara Africa	CGTN Français	TV	DVB-S	3/4	27.500		
12.092	R Russia	Telekanal 2x2	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Russia	A1	TV	DVB-S2	3/4	27.500	Viaccess	Russian,English
12.149	L Russia	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Nat Geo Wild Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Russia	Fox Life Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Ostrosyuzhetnoye Kino HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Nash Detektiv	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Travel + Adventure	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Ryzhiy	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Kinopokaz	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Zagorodny	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Kanal Teleputeshestviya	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Ohotnik i Rybolov	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Tonus TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Zoo TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Ryzhiy	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	EuroNews Russkiy	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Fox Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Vmeste RF	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Bridge TV Russkiy Hit	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Kino Premium HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Bridge TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Istoriya Telekanal	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Shanson TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	National Geographic Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Russia	Nash Kinoroman	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
12.245	H Sub-Sahara Africa	M-Net West	TV	DVB-S	3/4	27.500	Irdeto	English
12.507	H Eurasia	Kazakh TV	TV	DVB-S2	5/6	1.667		
12.520	V Eurasia	Almasar Satellite Channel	TV	DVB-S2	5/6	1.428		
12.540	V Eurasia	CNC World English	TV	DVB-S	3/4	2.220		
12.572	V Eurasia	Al-Etejah Satellite Channel	TV	DVB-S2	3/4	2.000		
	Eurasia	Radio Aletejah	radio	DVB-S2	3/4	2.000		
12.712	V Eurasia	Al-Iraqiya Sport	TV	DVB-S	7/8	2.500		
	Eurasia	Republic of Iraq Radio	radio	DVB-S	7/8	2.500		
	Eurasia	Radio Iraqia	radio	DVB-S	7/8	2.500		
12.715	V Eurasia	Türkmen TV	TV	DVB-S	7/8	2.200		
	Eurasia	Forqan Radio	radio	DVB-S	7/8	2.200		

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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	
	Fixed 1	Feniks+Kino	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Oruzhie	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	TNV Planeta	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	BelRos	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Lipetskoye Vremya	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	TRK Sever	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	NTV Hit	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Mir 24	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Moskva 24	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Telekanal 360°	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Bashkirskoe Sputnikovoe TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Osetiya-Iryston	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Nika TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Yamal TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Kuban 24 Orbita	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Chuvash En	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Shop & Show	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Mir Belogorya TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Don 24	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Oblastnoe TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
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	
	Fixed 1	1HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Bollywood HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Planeta HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Spike TV Rossiya	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Match! Arena	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
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	
	Fixed 1	Trlck	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Pervyy Vegetarianskiy	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Nick Jr CIS	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Nickelodeon CIS	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Tochka TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Leomax	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Telekanal Doktor	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Multimania	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Eda	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Pes i Ko	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Shopping Live	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Top Shop TV Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Game Show	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
12.169	R Fixed 1	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	RT News	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	RT Documentary	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Kaleidoskop TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Otkritiy Mir	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	RBK TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	8 Kanal	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Zhivi!	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	TDK	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
12.174	L Fixed 1	TNV Tatarstan	TV	DVB-S	3/4	4.340		
	Fixed 1	Bolgar Radiosi	radio	DVB-S	3/4	4.340		
12.190	L Fixed 1	Tricolor TV	package	DVB-S	3/4	22.500	Exset/DRE-Crypt	
	Fixed 1	Domashniy Magazin	TV	DVB-S	3/4	22.500	Exset/DRE-Crypt	
	Fixed 1	Mir	TV	DVB-S	3/4	22.500	Exset/DRE-Crypt	
	Fixed 1	Pyatnitsa!	TV	DVB-S	3/4	22.500	Exset/DRE-Crypt	
	Fixed 1	REN TV	TV	DVB-S	3/4	22.500	Exset/DRE-Crypt	
	Fixed 1	STS	TV	DVB-S	3/4	22.500	Exset/DRE-Crypt	
	Fixed 1	TV 3	TV	DVB-S	3/4	22.500	Exset/DRE-Crypt	
	Fixed 1	BelRos	TV	DVB-S	3/4	22.500	Exset/DRE-Crypt	
	Fixed 1	TV-TV	TV	DVB-S	3/4	22.500		
	Fixed 1	Tricolor TV promo	TV	DVB-S	3/4	22.500		
	Fixed 1	Telekanal Zvezda	TV	DVB-S	3/4	22.500	Exset/DRE-Crypt	
	Fixed 1	Telekanal Spas	TV	DVB-S	3/4	22.500	Exset/DRE-Crypt	
	Fixed 1	Muz TV	TV	DVB-S	3/4	22.500	Exset/DRE-Crypt	
	Fixed 1	NRJ Moskva	radio	DVB-S	3/4	22.500		
	Fixed 1	Avtoradio Moskva	radio	DVB-S	3/4	22.500		
	Fixed 1	Radio Romantika	radio	DVB-S	3/4	22.500		
	Fixed 1	Humor FM	radio	DVB-S	3/4	22.500		
12.207	H Fixed 2	SuperSport 7 Nigeria	TV	DVB-S	3/4	27.500	Irdeto	English
12.226	L Fixed 1	Tricolor TV	package	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Perviy kanal	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Rossiya 1	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	NTV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Rossiya K	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Shop 24	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Match!	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Rossiya 24	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	5 Kanal	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	TV Centr	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	TV 2 TV	TV	DVB-S	3/4	27.500		
	Fixed 1	Radio Rossii	radio	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Radio Mayak	radio	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Vesti FM	radio	DVB-S	3/4	27.500	Exset/DRE-Crypt	
12.245	R Fixed 1	8 Kanal	TV	DVB-S2	3/4	27.500		
	Fixed 1	Prodvizhenie Moskva	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	Humor FM	radio	DVB-S2	3/4	27.500		
	Fixed 1	Radio Dlya Dvoih	radio	DVB-S2	3/4	27.500		
	Fixed 1	Radio Romantika	radio	DVB-S2	3/4	27.500		
	Fixed 1	Avtoradio Moskva	radio	DVB-S2	3/4	27.500		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Fixed 1	Radio Vanya	radio	DVB-S2	3/4	27.500		
	Fixed 1	NRJ Russia	radio	DVB-S2	3/4	27.500		
	Fixed 1	DFM 101.2	radio	DVB-S2	3/4	27.500		
	Fixed 1	Russkoe Radio	radio	DVB-S2	3/4	27.500		
	Fixed 1	Hit FM	radio	DVB-S2	3/4	27.500		
	Fixed 1	Maximum 103.7 FM	radio	DVB-S2	3/4	27.500		
	Fixed 1	Business FM	radio	DVB-S2	3/4	27.500		
	Fixed 1	Militseyskaya Volna	radio	DVB-S2	3/4	27.500		
	Fixed 1	Comedy Radio	radio	DVB-S2	3/4	27.500		
	Fixed 1	Radio Komsomolskaya Pravda	radio	DVB-S2	3/4	27.500		
	Fixed 1	Relax FM	radio	DVB-S2	3/4	27.500		
	Fixed 1	Echo Moskva	radio	DVB-S2	3/4	27.500		
	Fixed 1	Radio Mir	radio	DVB-S2	3/4	27.500		
	Fixed 1	Love Radio	radio	DVB-S2	3/4	27.500		
	Fixed 1	Radio Chanson	radio	DVB-S2	3/4	27.500		
12.265	L Fixed 1	Rossiya 1	TV	DVB-S	3/4	27.500	Viaccess	Russian
	Fixed 1	Shopping Live	TV	DVB-S	3/4	27.500		
12.284	R Fixed 1	Animal Planet Russia	TV	DVB-S2	3/4	27.500	Viaccess	Russian,English
	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
12.303	L Fixed 1	Tricolor TV	package	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Soyuz	TV	DVB-S	3/4	27.500		
	Fixed 1	Telekanal 2x2	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Mezzo	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Ru TV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Bober	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Dom Kino	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Malysh	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Match! Boets	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Nash Futbol	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Nashe Lyubimoe	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	TNT 4	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Che	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	U	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Mult i muzyka	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	7 TV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Arkhyz 24	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	GTRK Groznyj	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	RGVK Dagestan	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	NTK Ingushetia	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	ACB TV	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Radio Voskresenie	radio	DVB-S	3/4	27.500		
12.322	R 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
12.341	L Fixed 1	Kuban 24 Orbita	TV	DVB-S	3/4	27.500		
	Fixed 1	Detskoe Radio	radio	DVB-S	3/4	27.500		
12.360	R Fixed 1	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 2	Inooro TV	TV	DVB-S	2/3	26.480	Irdeto	English
	Fixed 1	Insight UHD	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	Fixed 1	Kino UHD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Fashion 4K	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
12.380	L Fixed 1	Tricolor TV	package	DVB-S2	3/4	27.500	Exset	
	Fixed 1	Match! Futbol 1	TV	DVB-S2	3/4	27.500	Exset	
	Fixed 1	Match! Futbol 2	TV	DVB-S2	3/4	27.500	Exset	
	Fixed 1	Match! Futbol 3	TV	DVB-S2	3/4	27.500	Exset	
	Fixed 1	Bridge HD	TV	DVB-S2	3/4	27.500	Exset	
	Fixed 1	Luxury	TV	DVB-S2	3/4	27.500	Exset	
	Fixed 1	Russian Musicbox	TV	DVB-S2	3/4	27.500	Exset	
	Fixed 1	NTV Styl	TV	DVB-S2	3/4	27.500	Exset	
	Fixed 1	O!2	TV	DVB-S2	3/4	27.500	Exset	
	Fixed 1	TNT	TV	DVB-S2	3/4	27.500	Exset	
	Fixed 1	Spike TV Rossiya	TV	DVB-S2	3/4	27.500	Exset	
	Fixed 1	Sovershenno Sekretno TV	TV	DVB-S2	3/4	27.500	Exset	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Fixed 1	NTV Serial	TV	DVB-S2	3/4	27.500	Exset	
	Fixed 1	NTV Pravo	TV	DVB-S2	3/4	27.500	Exset	
	Fixed 1	STS	TV	DVB-S2	3/4	27.500	Exset	
	Fixed 1	5 Kanal	TV	DVB-S2	3/4	27.500	Exset	Russian
12.418	L Fixed 1	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	V mire zhivotnykh	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Ohotnik i Rybolov HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Ginger HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Priklyucheniya HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Eureka HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Multik	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian
12.437	R Fixed 1	Detektiv TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Fixed 1	REN TV	TV	DVB-S2	3/4	27.500	Viaccess	Russian
12.456	L Fixed 1	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	KHL TV HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Mezzo Live HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Diskont	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Juvelirochka	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Super	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	English Club TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Kinokomedija	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Kinoserija	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	KVN TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Indijskoe Kino	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Boks TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Juvelirochka Moda	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Ani	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Tr!ck	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Konniy Mir	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Anekdot TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
12.476	R Fixed 1	Tricolor TV	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Russkij Extrem	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	Fixed 1	Sovershenno Sekretno TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	Fixed 1	CNN International Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	DW English	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	France 24 English	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	RT News	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 2	Hunan TV International	TV	DVB-S	2/3	27.500	Irdeto	Chinese
	Fixed 1	RT Documentary	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	RBK TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	8 Kanal	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	TDK	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Zhivi!	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Kuhnya TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	365 dnei TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Fixed 1	Zee TV Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	Russian

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11.881	L Wide	Tricolor TV Sibir	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Fox Life Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Fox Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Eda	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Rossiya 1	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Nickelodeon CIS	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Ru TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Bober	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Dom Kino	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
11.919	L Wide	Tricolor TV Sibir	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Mult i muzyka	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	365 dnei TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Kuhnya TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	France 24 English	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	DW English	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Eda	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	CNN International	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Wide	Ani	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Travel + Adventure	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Zhivi!	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	English Club TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	KHL TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Diskont	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Zee TV Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Zhivaya Planeta	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	T24	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Cartoon Network Russia & South East Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Boomerang Central & Eastern Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Gulli Girl	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Tiji Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Multimania	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
11.958	L Wide	Tricolor TV Sibir	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Eureka HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	V mire zhitovnykh	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	KHL TV HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	National Geographic Russia	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Iskushenie	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Nano TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
11.996	L Wide	Tricolor TV Sibir	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Kino Premium HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Nash Kinoroman	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Ostrosyuzhetnoye Kino HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Nash Detektiv	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Travel + Adventure	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Nat Geo Wild Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Zoo TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
12.034	L Wide	Tricolor TV Sibir	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Match! Arena	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Match! Igra	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Match!	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Russkij Extrem	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Shalun	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Nashe Lyubimoe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Russkaya Noch	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	MTV Hits	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Olala	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	MTV Rocks	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Perviy Oblastnoy Chelyabinsk	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Match! Nash Sport	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Nash Futbol	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
12.073	L Wide	Tricolor TV Sibir	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Ginger HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Priklucheniya HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Ohotnik i Rybolov HD	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Kinopokaz HD 1	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Kinopokaz HD 2	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Tonus TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	KVN TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Ryzhiy	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	Wide	Brazzers TV Europe	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
12.111	L East	Tricolor TV Sibir	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	East	Radost Moya	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	STS Love	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Bridge TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Muz TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Istoriya Telekanal	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Kinokomedija	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	EuroNews Russkiy	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Indijskoe Kino	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Eda	TV	DVB-S2	3/4	27.500	DRE-Crypt	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	East	S TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	TNT Music	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	MCM Top Russia	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Russian Musicbox	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Europa Plus TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Muzika Pervogo	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	TNT 4	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Shanson TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Luxury	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Mezzo	TV	DVB-S2	3/4	27.500	DRE-Crypt	
12.149	L East	Tricolor TV Sibir	package	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	East	Perviy kanal	TV	DVB-S2	3/4	Y 27.500	Exset/DRE-Crypt	
	East	Rossiya 1	TV	DVB-S2	3/4	Y 27.500	Exset/DRE-Crypt	
	East	Match!	TV	DVB-S2	3/4	Y 27.500	Exset/DRE-Crypt	
	East	NTV	TV	DVB-S2	3/4	Y 27.500	Exset/DRE-Crypt	
	East	5 Kanal	TV	DVB-S2	3/4	Y 27.500	Exset/DRE-Crypt	
	East	Rossiya K	TV	DVB-S2	3/4	Y 27.500	Exset/DRE-Crypt	
	East	Rossiya 24	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	East	Karusel	TV	DVB-S2	3/4	Y 27.500	Exset/DRE-Crypt	
	East	OTR	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	East	TV Centr Sibirija	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	East	REN TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	East	Telekanal Spas	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	East	STS	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	East	Domashniy	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	East	TV 3	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	East	Pyatnitsa!	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	East	Telekanal Zvezda	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	East	Mir	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	East	TNT	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	East	Muz TV	TV	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	East	TV-TV	TV	DVB-S2	3/4	27.500		
	East	TV 2 TV	TV	DVB-S2	3/4	27.500		
	East	Leomax	TV	DVB-S2	3/4	27.500		
	East	Radio Rossii	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	East	Radio Mayak	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
	East	Vesti FM	radio	DVB-S2	3/4	27.500	Exset/DRE-Crypt	
12.169	R East	Match!	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	KHL TV	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Auto Plus	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	M-1 Global TV	TV	DVB-S2	5/6	27.500	Viaccess	Russian
12.188	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	
	East	Malysh	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	Perviy kanal	TV	DVB-S	3/4	Y 27.500	Exset/DRE-Crypt	
	East	Juvelirochka	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	Kinopokaz	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	Multik	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	Kanal Teleputeshestviya	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	Ohotnik i Rybolov	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	Ryzhiy	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	Poehali!	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	GTRK Omsk 12 Kanal	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	Iskushenie	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	Shopping Live	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	Nochnoy Club	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	Telekanal O!	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	Nochnoy Club	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	Marusya FM	radio	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	Radio Rus	radio	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	Vostok FM	radio	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	Vesna FM	radio	DVB-S	3/4	27.500	Exset/DRE-Crypt	
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	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	East	Ostrosyuzhetnoye Kino HD	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	Nash Kinoroman	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	Nash Detektiv	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
	East	Nashe Lyubimoe	TV	DVB-S	3/4	27.500	Exset/DRE-Crypt	
12.245	R East	Perviy kanal	TV	DVB-S2	5/6	Y 27.500	Viaccess	Russian
	East	Prodvizhenie Sibir	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Humor FM	radio	DVB-S2	5/6	27.500		
	East	Radio Dlya Dvoih	radio	DVB-S2	5/6	27.500		
	East	Radio Romantika	radio	DVB-S2	5/6	27.500		
	East	Avtoradio	radio	DVB-S2	5/6	27.500		
	East	Radio Vanya	radio	DVB-S2	5/6	27.500		
	East	NRJ Russia	radio	DVB-S2	5/6	27.500		
	East	DFM 101.2	radio	DVB-S2	5/6	27.500		
	East	Russkoe Radio	radio	DVB-S2	5/6	27.500		
	East	Hit FM	radio	DVB-S2	5/6	27.500		
	East	Maximum 103.7 FM	radio	DVB-S2	5/6	27.500		
	East	Business FM	radio	DVB-S2	5/6	27.500		
	East	Militseyskaya Volna	radio	DVB-S2	5/6	27.500		
	East	Comedy Radio	radio	DVB-S2	5/6	27.500		
	East	Radio Komsomolskaya Pravda	radio	DVB-S2	5/6	27.500		
	East	Relax FM	radio	DVB-S2	5/6	27.500		
	East	Echo Moskva	radio	DVB-S2	5/6	27.500		
	East	Radio Mir	radio	DVB-S2	5/6	27.500		
	East	Love Radio	radio	DVB-S2	5/6	27.500		
	East	Radio Chanson	radio	DVB-S2	5/6	27.500		
	East	Detskoe Radio Moskva	radio	DVB-S2	5/6	27.500		
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		
	East	Kinozal 1	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Kinozal 2	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Kinozal 3	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Kinozal 4	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Kinozal 5	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Kinozal 6	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Kinozal 7	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Kinozal 8	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Kinozal 9	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Kinozal 10	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Kinozal 11	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Kinozal 12	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Multimania	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Zagorodny	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Detski Mir	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	TeleKlub	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Nash Kinoroman	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Nash Detektiv	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Kino Premium HD	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Ostrosyuzhetnoye Kino HD	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Kinohit	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Kinomiks	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Kinopokaz	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Sarafan	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Top Shop TV Russia	TV	DVB-S2	3/4	27.500	DRE-Crypt	
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	
	East	Soyuz	TV	DVB-S2	3/4	27.500		
	East	Nickelodeon CIS	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	JimJam Rossiya	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Baby TV Europe	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Fox Life Russia	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Fox Russia	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Moya Planeta	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Nauka	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Russkiy Bestseller	TV	DVB-S2	3/4	27.500	DRE-Crypt	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	East	Russkiy Roman	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	TV Sale	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Perviy Oblastnoy Chelyabinsk	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Agro TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	National Geographic Russia	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	TNV Planeta	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Nat Geo Wild Europe	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Shop 24	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Yamal TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Strana FM	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Radio Mayak	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Vesti FM	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Radio Chanson	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Dorognoe Radio	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Europa Plus	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Radio Vanya	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Maximum 103.7 FM	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Radio Dlya Dvoih	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Radio Roks	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Radio Orfey	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	NRJ Russia	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Humor FM	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Avtoradio	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Radio Monte Carlo	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Russkoe Radio	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Radio Zvezda	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Radio Romantika	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	DFM 101.2	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Radio Komsomolskaya Pravda	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Radio Kultura	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Radio 7	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Radio Mir	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Retro FM Rossiya	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Hit FM	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Grad Petrov	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Radio Record	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Radio Radonezh	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Radio 107	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Radio Dacha	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Love Radio	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Taxi FM	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Comedy Radio	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Modnoe Radio	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Detskoe Radio	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Radio Rodnux Dorog	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Novoe Radio	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Sport FM	radio	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Radio Iskatel	radio	DVB-S2	3/4	27.500	DRE-Crypt	
12.322	R East	Kinosemja	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Kinosvidanie	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Telekanal Doktor	TV	DVB-S2	5/6	27.500	Viaccess	
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	
	East	U	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Match! Boets	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Telekanal 2x2	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Sarafan	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Kinomiks	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Kinosvidanie	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Perviy kanal	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	RTG HD	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Fashion Television Europe	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Travel + Adventure	TV	DVB-S2	3/4	27.500	DRE-Crypt	
	East	Nashe Lyubimoe	TV	DVB-S2	3/4	27.500	DRE-Crypt	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
12.399	R East	Domashnie Zhivotnye	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	Avto 24	TV	DVB-S2	5/6	27.500	Viaccess	Russian
	East	CCTV 4 Asia	TV	DVB-S2	5/6	27.500	Viaccess	Chinese

EUTELSAT 70B

11.057	V Africa	Barmedas TV	TV	DVB-S2	2/3	30.000		
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		
	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		
11.211	H Wide	MTA 1	TV	DVB-S	1/2	5.110		Hindustani,Ben
11.490	V Africa	Family TV	TV	DVB-S2	2/3	2.150		
	Africa	Radio 316	radio	DVB-S2	2/3	2.150		
11.520	V Africa	Family TV	TV	DVB-S2	1/2	3.332		
	Africa	Radio 316	radio	DVB-S2	1/2	3.332		
11.555	H Asia	TPA Internacional	TV	DVB-S2	1/2	3.034		
11.565	H Asia	M-Three satcom	package	DVB-S2	2/5	11.401		
	Asia	MCS Inter	TV	DVB-S2	2/5	11.401	Irdeto	
	Asia	I24 News Français	TV	DVB-S2	2/5	11.401		
	Asia	I24 News English	TV	DVB-S2	2/5	11.401		
11.600	H Asia	Nautical Channel	TV	DVB-S2	2/5	18.333		

EUTELSAT 33C

12.598	V Fixed	unknown	package	DVB-S2X	25/36	10.057		
	Fixed	TMC Suisse	TV	DVB-S2X	25/36	10.057		
	Fixed	TFX Suisse	TV	DVB-S2X	25/36	10.057		
	Fixed	TF 1 Suisse	TV	DVB-S2X	25/36	10.057		

EUTELSAT 12 WEST B

11.008	V Europe	Igreja Internacional da Graça de Deus	TV	DVB-S	3/4	2.141		
11.390	V Europe	Skylogic	package	DVB-S	3/4	27.500		
	Europe	KTO	TV	DVB-S	3/4	27.500		
	Europe	Skylogic	interactive	DVB-S	3/4	27.500		
12.556	V Europe	Echorouk TV	package	DVB-S2	2/3	8.210		
	Europe	Echorouk TV	TV	DVB-S2	2/3	8.210		
	Europe	Echorouk TV News	TV	DVB-S2	2/3	8.210		
	Europe	CBC Benna	TV	DVB-S2	2/3	8.210		
12.568	H Europe	Vlacora BVBA	package	DVB-S	1/2	.256		
	Europe	Club FM	radio	DVB-S	1/2	.256		
	Europe	Family Radio	radio	DVB-S	1/2	.256		
12.569	H Europe	Belgian mux	package	DVB-S	1/2	.890		
	Europe	Radio Contact	radio	DVB-S	1/2	.890		
	Europe	Maximum	radio	DVB-S	1/2	.890		
	Europe	Bel RTL	radio	DVB-S	1/2	.890		
12.577	H Europe	Corallo Sat	TV	DVB-S2	5/6	2.222		
12.581	H Europe	Hitwest Radio	package	DVB-S	3/4	.468		
	Europe	Hitwest Radio	radio	DVB-S	3/4	.468		
	Europe	Hitwest Radio	radio	DVB-S	3/4	.468		
12.601	V Europe	Radio Vaticana 4	radio	DVB-S	1/2	.256		
12.638	H Europe	Persidera	package	DVB-S2	3/5	13.980		
	Europe	ILike TV	TV	DVB-S2	3/5	13.980		
	Europe	Canale 162	TV	DVB-S2	3/5	13.980		
	Europe	Juwelo Italia	TV	DVB-S2	3/5	13.980		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Europe	Channel 24	TV	DVB-S2	3/5	13.980		
	Europe	Vero	TV	DVB-S2	3/5	13.980		
	Europe	Rete Italia	TV	DVB-S2	3/5	13.980		
	Europe	La 4 Italia	TV	DVB-S2	3/5	13.980		
	Europe	Gold TV Italia	TV	DVB-S2	3/5	13.980		
	Europe	Italia +	TV	DVB-S2	3/5	13.980		
	Europe	Linea Italia	TV	DVB-S2	3/5	13.980		
	Europe	Orler TV	TV	DVB-S2	3/5	13.980		
	Europe	Air Italia	TV	DVB-S2	3/5	13.980		
	Europe	Air TV	TV	DVB-S2	3/5	13.980		
	Europe	Fight Network Italia	TV	DVB-S2	3/5	13.980		
	Europe	Fire TV	TV	DVB-S2	3/5	13.980		
	Europe	Life 120 Channel	TV	DVB-S2	3/5	13.980		
	Europe	Top Calcio 24	TV	DVB-S2	3/5	13.980		
	Europe	Italia Channel	TV	DVB-S2	3/5	13.980		
12.718	H Europe	Persidera	package	DVB-S2	5/6	36.510		
	Europe	Giallo	TV	DVB-S2	5/6	36.510		
	Europe	RTL 102.5 RadioVisione	TV	DVB-S2	5/6	36.510		
	Europe	HSE 24 Italia	TV	DVB-S2	5/6	36.510		
	Europe	Real Time	TV	DVB-S2	5/6	36.510		
	Europe	DMAX Italia	TV	DVB-S2	5/6	36.510		
	Europe	Super!	TV	DVB-S2	5/6	36.510		
	Europe	Radio Freccia TV	TV	DVB-S2	5/6	36.510		
	Europe	Radio Zeta Radiovisione	TV	DVB-S2	5/6	36.510		
	Europe	Radio DeeJay	radio	DVB-S2	5/6	36.510		
	Europe	Radio Capital	radio	DVB-S2	5/6	36.510		
	Europe	M2o	radio	DVB-S2	5/6	36.510		
	Europe	RTL 102.5 FM	radio	DVB-S2	5/6	36.510		
	Europe	Radio Zeta FM	radio	DVB-S2	5/6	36.510		
	Europe	Radio Freccia	radio	DVB-S2	5/6	36.510		
	Europe	Persidera	package	DVB-S2	5/6	36.510		
	Europe	Nove	TV	DVB-S2	5/6	36.510		
	Europe	Alpha	TV	DVB-S2	5/6	36.510		
	Europe	IBox 65	TV	DVB-S2	5/6	36.510		Italian
	Europe	Play me	TV	DVB-S2	5/6	36.510		
	Europe	Alice	TV	DVB-S2	5/6	36.510		
	Europe	Case Design Stili	TV	DVB-S2	5/6	36.510		
	Europe	Marcopolo	TV	DVB-S2	5/6	36.510		
	Europe	TV 2000	TV	DVB-S2	5/6	36.510		
	Europe	Radio Vaticana 5	radio	DVB-S2	5/6	36.510		
	Europe	Persidera	package	DVB-S2	5/6	36.510		
	Europe	Pop Italia	TV	DVB-S2	5/6	36.510		
	Europe	Super Tennis	TV	DVB-S2	5/6	36.510		
	Europe	Spike Italia	TV	DVB-S2	5/6	36.510		
	Europe	Radio Italia TV	TV	DVB-S2	5/6	36.510		
	Europe	VH1 Italia	TV	DVB-S2	5/6	36.510		
	Europe	Frisbee	TV	DVB-S2	5/6	36.510		
	Europe	TV 8	TV	DVB-S2	5/6	36.510		
	Europe	K2	TV	DVB-S2	5/6	36.510		
	Europe	Radio Italia	radio	DVB-S2	5/6	36.510		
	Europe	Persidera	package	DVB-S2	5/6	36.510		
	Europe	Nove	TV	DVB-S2	5/6	36.510		
	Europe	Cielo	TV	DVB-S2	5/6	36.510		
	Europe	Paramount Channel Italia	TV	DVB-S2	5/6	36.510		
	Europe	Sky TG 24 Canale 50	TV	DVB-S2	5/6	36.510		
	Europe	Focus	TV	DVB-S2	5/6	36.510		
	Europe	Cine Sony Italia	TV	DVB-S2	5/6	36.510		
	Europe	DeeJay TV	TV	DVB-S2	5/6	36.510		
	Europe	Canale 63	TV	DVB-S2	5/6	36.510		
	Europe	Radio Maria Italia	radio	DVB-S2	5/6	36.510		

EUTELSAT 65 WEST A

4.506	V C	Rede Centro Oeste	package	DVB-S2	2/3	5.000		
	C	SBT MS	TV	DVB-S2	2/3	5.000		
	C	TV Guanandi	TV	DVB-S2	2/3	5.000		

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
4.510	V C	TV Assembleia Paraná	TV	DVB-S2	2/3	2.083		

EXPRESS AT2

12.226	L Ku	NTV Plus Dalniy Vostok	package	DVB-S2	3/4	27.500		
	Ku	Fashion 4K	TV	DVB-S2	3/4	27.500		
	Ku	Home 4K	TV	DVB-S2	3/4	27.500		
	Ku	Stingray Festival 4K	TV	DVB-S2	3/4	27.500	Viaccess	Russian,English
12.245	R Ku	Evrokino	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Illusion +	TV	DVB-S2	3/4	27.500	Viaccess	Russian
12.303	L Ku	Match!	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	NHK World Japan	TV	DVB-S2	3/4	27.500		English
12.322	R Ku	Kinosemja	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Kinosvidanie	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Telekanal Doktor	TV	DVB-S2	3/4	27.500	Viaccess	
12.380	L Ku	Perviy kanal	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Prodvizhenie Sibir	TV	DVB-S2	3/4	27.500	Viaccess	Russian
	Ku	Humor FM	radio	DVB-S2	3/4	27.500		
	Ku	Radio Dlya Dvoih	radio	DVB-S2	3/4	27.500		
	Ku	Radio Romantika	radio	DVB-S2	3/4	27.500		
	Ku	Avtoradio	radio	DVB-S2	3/4	27.500		
	Ku	Radio Vanya	radio	DVB-S2	3/4	27.500		
	Ku	NRJ Russia	radio	DVB-S2	3/4	27.500		
	Ku	DFM 101.2	radio	DVB-S2	3/4	27.500		
	Ku	Russkoe Radio	radio	DVB-S2	3/4	27.500		
	Ku	Hit FM	radio	DVB-S2	3/4	27.500		
	Ku	Maximum 103.7 FM	radio	DVB-S2	3/4	27.500		
	Ku	Business FM	radio	DVB-S2	3/4	27.500		
	Ku	Militseyskaya Volna	radio	DVB-S2	3/4	27.500		
	Ku	Comedy Radio	radio	DVB-S2	3/4	27.500		
	Ku	Radio Komsomolskaya Pravda	radio	DVB-S2	3/4	27.500		
	Ku	Relax FM	radio	DVB-S2	3/4	27.500		
	Ku	Echo Moskva	radio	DVB-S2	3/4	27.500		
	Ku	Radio Mir	radio	DVB-S2	3/4	27.500		
	Ku	Love Radio	radio	DVB-S2	3/4	27.500		
	Ku	Radio Chanson	radio	DVB-S2	3/4	27.500		
	Ku	Detskoe Radio Moskva	radio	DVB-S2	3/4	27.500		

EUTELSAT 117 WEST B

11.480	H Ku 1	Star TV México	package	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Canal Star TV	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Azteca 7	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Canal Once	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Las Estrellas México +2	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Fox México	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Canal Sony Centro	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Multimedios Plus	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Unicable	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Warner Channel México	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	FX Norte	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Universal Channel México	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Tru TV América Latina	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Fox Life México	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	TNT Series México	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	TBS América Latina	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	National Geographic Norte	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Mariávision México	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Disney Channel México	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Disney Junior México	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Disney XD México	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Nat Geo Kids	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Cartoon Network México	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Boomerang México	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Cinecanal Oeste	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	TNT México	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Cinemax Latinoamérica	TV	DVB-S2	3/4	34.826	Irdeto	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Ku 1	Space México	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	FXM Oeste	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	HBO Latinoamérica	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	ESPN México	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	ESPN 3 América Latina	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Univision TDN	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Milenio TV	TV	DVB-S2	3/4	34.826	Irdeto	
11.520	H Ku 1	Star TV México	package	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Las Estrellas México	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Canal 5	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	MTV Latino Norte	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	RMS	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	TeleHit	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Bandamax	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Foro TV	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Gala TV	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	E! Latinoamérica	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	AXN Latinoamérica	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	A&E Latinoamérica	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Tlnovelas América	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Distrito Comedia	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	History Latinoamérica	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Nickelodeon Norte	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Nick Jr Latin America	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Tiin	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	De Película	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Paramount Channel Latin America	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Golden	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Golden Edge	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	HBO 2 Latinoamérica	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Max México	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	HBO Family Latinoamérica	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Max Prime Oeste	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Max Up Latinoamérica	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	ESPN 2 América Latina	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Fox Sports Cono Norte	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Fox Sports 2 Latin America	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Fox Sports 3 Latin America	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	TDN México	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	CNN en Español	TV	DVB-S2	3/4	34.826	Irdeto	
11.560	H Ku 1	Star TV México	package	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Imagen TV	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Canal Catorce	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	TV UNAM	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Canal 22 Nacional	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Canal 22.2	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	ADN 40	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Canal del Congreso	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Canal Judicial	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Ingenio TV	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	A+	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Syfy Latin	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Telemundo Internacional	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Lifetime Latinoamérica	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Az Corazón	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Comedy Central Latinoamérica Norte	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Nat Geo Wild Latin	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	H2 Latinoamérica	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Enlace	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Once niños	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Baby TV Latin America	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Studio Universal México	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Az Cinema	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	El Financiero Bloomberg	TV	DVB-S2	3/4	34.826	Irdeto	

Freq	Beam		Analog	Diff	Fec	Symb ol Rate	Acces	Lang
	Ku 1	Fox News Channel	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Playboy TV Latin America	TV	DVB-S2	3/4	34.826	Irdeto	
	Ku 1	Venus	TV	DVB-S2	3/4	34.826	Irdeto	

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3.916	H C	Hope Channel International	TV	DVB-S	3/4	3.330		
	C	LifeTalk Radio	radio	DVB-S	3/4	3.330		
3.952	H C	Walesi TV	package	DVB-S2	3/5	7.500	Verimatrix	
	C	FBC TV	TV	DVB-S2	3/5	7.500	Verimatrix	
	C	FBC Plus	TV	DVB-S2	3/5	7.500	Verimatrix	
	C	FBC 2	TV	DVB-S2	3/5	7.500	Verimatrix	
	C	Fiji One	TV	DVB-S2	3/5	7.500	Verimatrix	
	C	Parliament of Fiji	TV	DVB-S2	3/5	7.500	Verimatrix	
	C	Mai TV	TV	DVB-S2	3/5	7.500	Verimatrix	
	C	Hope Channel Fiji	TV	DVB-S2	3/5	7.500	Verimatrix	
	C	Channel 2	TV	DVB-S2	3/5	7.500	Verimatrix	
4.160	V C	Sydney Teleport Services	package	DVB-S2	5/6	5.000	BISS	
	C	Premier League TV	TV	DVB-S2	5/6	5.000	BISS	
	C	Australia Channel News	TV	DVB-S2	5/6	5.000	BISS	
4.174	V C	PNG TV	TV	DVB-S2	2/3	1.000		
4.195	H C	NBC TV	TV	DVB-S2	3/4	1.415		
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		

EUTELSAT 115 WEST B

4.109	H C	unknown	package	DVB-S2	3/4	9.600		
	C	Canal Once	TV	DVB-S2	3/4	9.600		
	C	Once niños	TV	DVB-S2	3/4	9.600		
12.006	H Ku 4	unknown	package	DVB-S2	5/6	11.440		
	Ku 4	Ici ArTV	TV	DVB-S2	5/6	11.440		French
	Ku 4	Ici RDI	TV	DVB-S2	5/6	11.440		French

EUTELSAT 33E

11.350	V Wide	Skylogic	interactiv e	DVB-S	1/2	15.710		
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