



Updated on 16 December 2009

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.
				Digital	FEC			
HOT BIRD™ (13°EAST)								
D 10.719	V	Europe	<u>Cyfra +</u>	package	DVB	3/4	27.500 Mediaguard 2/Nagravision 2/Nagravision 3/Viaccess 3.0	
			The History Channel Europe	TV	DVB	3/4	27.500 Mediaguard 2	Polish,English
			Movies 24 Eastern Europe	TV	DVB	3/4	27.500 Mediaguard 2	Polish,English
			4 Fun TV	TV	DVB	3/4	Y 27.500	Polish
			Orange sport Polska	TV	DVB	3/4	27.500 Mediaguard 2/Viaccess 3.0	Polish
			Planete Polska	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			Patio TV	TV	DVB	3/4	27.500	Polish
			Canal + Sport 2 Polska	TV	DVB	3/4	Y 27.500 Mediaguard 2	Polish
			HBO Polska	TV	DVB	3/4	Y 27.500 Mediaguard 2/Nagravision 3	Polish
			Hallmark Channel Polska	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			HBO 2 Polska	TV	DVB	3/4	Y 27.500 Mediaguard 2/Nagravision 3	Polish
			HBO Comedy Polska	TV	DVB	3/4	Y 27.500 Mediaguard 2/Nagravision 3	Polish
			MiniMini	TV	DVB	3/4	27.500 Mediaguard 2	Polish
D 10.723	H	Europe	<u>Argiva</u>	package	DVB	3/4	29.900	
			RTP Internacional Europa	TV	DVB	3/4	Y 29.900	Portuguese
			MTA International	TV	DVB	3/4	29.900	English,French,German,Arabic,Bengali
			Disney Channel South East Europe	TV	DVB	3/4	29.900 Cryptoworks	English,Romanian,Bulgarian
			Deepam TV	TV	DVB	3/4	29.900 Viaccess 2.4/Viaccess 2.5/Viaccess 2.6	Tamil
			Global Tamil Vision Europe	TV	DVB	3/4	29.900	Tamil
			RTB Virgilio	TV	DVB	3/4	29.900	Italian
			Ariana Afghanistan TV	TV	DVB	3/4	29.900	
			Andisheh TV	TV	DVB	3/4	29.900	Farsi
			Private Spice	TV	DVB	3/4	29.900 Irdeto 2/Viaccess 2.5/Viaccess 3.0	English,French
			RDP Antena 1	radio	DVB	3/4	29.900	Portuguese
			NPR Worldwide	radio	DVB	3/4	29.900	English
			RDP Internacional	radio	DVB	3/4	29.900	Portuguese
D 10.775	H	Europe	<u>American Forces Network</u>	package	DVB	3/4	28.000 PowerVu	
			AFN Prime Atlantic Eifel	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Benelux	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Heidelberg	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Kaiserslautern	TV	DVB	3/4	28.000 PowerVu	English
			AFN Sports	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Hessen	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Franconia	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Pacific	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Bavaria	TV	DVB	3/4	28.000 PowerVu	English
			AFN Guide	TV	DVB	3/4	28.000 PowerVu	English
			AFN Spectrum	TV	DVB	3/4	28.000 PowerVu	English
			AFN The Eagle Hessen	radio	DVB	3/4	28.000 PowerVu	English
			AFN Power Network Bavaria	radio	DVB	3/4	28.000 PowerVu	English
			Fox Sports Plus	radio	DVB	3/4	28.000 PowerVu	English
			ESPN Plus	radio	DVB	3/4	28.000 PowerVu	English
			The Contingency Channel	radio	DVB	3/4	28.000 PowerVu	English
			AFN Power Network Europe	radio	DVB	3/4	28.000 PowerVu	English
			The Eagle Europe	radio	DVB	3/4	28.000 PowerVu	English
			NPR Worldwide AFRTS	radio	DVB	3/4	28.000 PowerVu	English
			Hard Rock	radio	DVB	3/4	28.000 PowerVu	English
			Drive FX	radio	DVB	3/4	28.000 PowerVu	English
			Mainstream Country	radio	DVB	3/4	28.000 PowerVu	English
			Jack FM	radio	DVB	3/4	28.000 PowerVu	English
			AFN The Eagle Bavaria	radio	DVB	3/4	28.000 PowerVu	English
			AFN Power Network Franconia	radio	DVB	3/4	28.000 PowerVu	English
			Gravity	radio	DVB	3/4	28.000 PowerVu	English
			AFN Power Network Hessen	radio	DVB	3/4	28.000 PowerVu	English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			AFN The Eagle 100.2 FM Kaiserslautern	radio	DVB	3/4	28.000	PowerVu	English
			AFN Power Network Kaiserslautern	radio	DVB	3/4	28.000	PowerVu	English
			AFN The Eagle Heidelberg	radio	DVB	3/4	28.000	PowerVu	English
			AFN Power Network Heidelberg	radio	DVB	3/4	28.000	PowerVu	English
			Freedom Radio	radio	DVB	3/4	28.000	PowerVu	English
			AFN The Eagle Benelux	radio	DVB	3/4	28.000	PowerVu	English
			AFN Power Network Benelux	radio	DVB	3/4	28.000	PowerVu	English
			Eifel 105	radio	DVB	3/4	28.000	PowerVu	English
			AFN Power Network Eifel	radio	DVB	3/4	28.000	PowerVu	English
			Hot AC	radio	DVB	3/4	28.000	PowerVu	English
			AFN Interruptable Voice	radio	DVB	3/4	28.000	PowerVu	English
			AFN Uninterruptable Voice	radio	DVB	3/4	28.000	PowerVu	English
			AFN The Eagle Franconia	radio	DVB	3/4	28.000	PowerVu	English
			Classic Rock	radio	DVB	3/4	28.000	PowerVu	English
D 10.796	V	Europe	Cyfra +	package	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	
			MTV Two	TV	DVB	3/4	27.500	Mediaguard 2	English
			National Geographic Channel Polska	TV	DVB	3/4	27.500	Mediaguard 2	Polish,Hungarian,English
			Edusat	TV	DVB	3/4	27.500		Polish
			Polonia 1	TV	DVB	3/4	Y 27.500		Polish
			Tele 5	TV	DVB	3/4	Y 27.500		Polish
			Discovery World Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish
			Discovery Science Channel Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish
			Orange sport info Polska	TV	DVB	3/4	27.500	Mediaguard 2	Polish
			Swiat karnawalu	radio	DVB	3/4	27.500	Mediaguard 2	
			Hity Brytyjskie	radio	DVB	3/4	27.500	Mediaguard 2	
			Niemecki Rock	radio	DVB	3/4	27.500	Mediaguard 2	
			Wieczorne Party	radio	DVB	3/4	27.500	Mediaguard 2	
			Rytmy na Okraglo	radio	DVB	3/4	27.500	Mediaguard 2	
			Muzyka Turecka	radio	DVB	3/4	27.500	Mediaguard 2	
			Hity Dyskoteki	radio	DVB	3/4	27.500	Mediaguard 2	
			Chillout	radio	DVB	3/4	27.500	Mediaguard 2	
			Bass Breaks and Beats	radio	DVB	3/4	27.500	Mediaguard 2	
			Hity Hiszpanskie	radio	DVB	3/4	27.500	Mediaguard 2	
			Dzis o milosci	radio	DVB	3/4	27.500	Mediaguard 2	
			Hity Wloskie	radio	DVB	3/4	27.500	Mediaguard 2	
			Hity Francuskie	radio	DVB	3/4	27.500	Mediaguard 2	
			Metal	radio	DVB	3/4	27.500	Mediaguard 2	
			Piosenka Francuska	radio	DVB	3/4	27.500	Mediaguard 2	
			New Age	radio	DVB	3/4	27.500	Mediaguard 2	
			Hity Bollywood	radio	DVB	3/4	27.500	Mediaguard 2	
			Country	radio	DVB	3/4	27.500	Mediaguard 2	
			Współczesny Pop	radio	DVB	3/4	27.500	Mediaguard 2	
			Hity lat 90	radio	DVB	3/4	27.500	Mediaguard 2	
			Era Rock'n'Rolla	radio	DVB	3/4	27.500	Mediaguard 2	
			Muzyka Arabska	radio	DVB	3/4	27.500	Mediaguard 2	
			Alternatywa	radio	DVB	3/4	27.500	Mediaguard 2	
			Nowe stare hity	radio	DVB	3/4	27.500	Mediaguard 2	
			Hity lat 80	radio	DVB	3/4	27.500	Mediaguard 2	
			Hity lat 70	radio	DVB	3/4	27.500	Mediaguard 2	
			Rozmaitosci	radio	DVB	3/4	27.500	Mediaguard 2	
			Klasyka Jazzu	radio	DVB	3/4	27.500	Mediaguard 2	
			Cool Jazz	radio	DVB	3/4	27.500	Mediaguard 2	
			Muzyka Symfoniczna	radio	DVB	3/4	27.500	Mediaguard 2	
			Arcydziela Klasyki	radio	DVB	3/4	27.500	Mediaguard 2	
			Klasyka Nastrojowa	radio	DVB	3/4	27.500	Mediaguard 2	
			Disco & Funk	radio	DVB	3/4	27.500	Mediaguard 2	
			Klasyczny Rock	radio	DVB	3/4	27.500	Mediaguard 2	
			Blues	radio	DVB	3/4	27.500	Mediaguard 2	
			Reggae	radio	DVB	3/4	27.500	Mediaguard 2	
			Jeszcze raz	radio	DVB	3/4	27.500	Mediaguard 2	
			Urban	radio	DVB	3/4	27.500	Mediaguard 2	
			Niezalezna Klasyka	radio	DVB	3/4	27.500	Mediaguard 2	
			Hymny Rocka	radio	DVB	3/4	27.500	Mediaguard 2	
			Hip Hop	radio	DVB	3/4	27.500	Mediaguard 2	
			R'n'B & Soul	radio	DVB	3/4	27.500	Mediaguard 2	
A 10.813	H	Europe	Duna I	TV	PAL	6.50,7.02/7.20	Y		Hungarian
A 10.813	H	Europe	MR 2 Petöfi	radio	PAL	7.74			Hungarian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
A 10.813	H	Europe	MR 1 Kossuth	radio	PAL	7.38			Hungarian
A 10.813	H	Europe	MR 4 Nemzetiségi adások	radio	PAL	7.92			Hungarian
D 10.834	V	Europe	<u>N</u>	package	DVB-S2	3/4	27.500	Conax	
			AXN Crime	TV	DVB-S2	3/4	27.500	Conax	Polish
			AXN Sci-Fi Polska	TV	DVB-S2	3/4	27.500	Conax	Polish
			JimJam Europe	TV	DVB-S2	3/4	27.500	Conax	Polish
			Da Vinci Learning	TV	DVB-S2	3/4	27.500	Conax	Polish
			Disney XD Polska	TV	DVB-S2	3/4	27.500	Conax	Polish
			Eska TV	TV	DVB-S2	3/4	27.500		Polish
			Sport Klub + Polska	TV	DVB-S2	3/4	27.500	Conax	Polish
			Sport Klub Polska	TV	DVB-S2	3/4	27.500	Conax	Polish
			ESPN America Europe	TV	DVB-S2	3/4	27.500	Conax	English
			Boomerang Europe	TV	DVB-S2	3/4	27.500	Conax	Polish
			AXN Polska	TV	DVB-S2	3/4	27.500	Conax	Polish
			Discovery World Polska	TV	DVB-S2	3/4	27.500	Conax	Polish
			Blue Hustler Europe	TV	DVB-S2	3/4	27.500	Conax	English
			Movies 24 Eastern Europe	TV	DVB-S2	3/4	27.500	Conax	Polish
			Kino Polska	TV	DVB-S2	3/4	27.500	Conax	Polish
			Discovery Historia	TV	DVB-S2	3/4	27.500	Conax	Polish
			HBO Comedy Polska	TV	DVB-S2	3/4	27.500	Conax	Polish
			HBO 2 Polska	TV	DVB-S2	3/4	27.500	Conax	Polish
			Jetix Play	TV	DVB-S2	3/4	27.500	Conax	Polish
			MTV Two	TV	DVB-S2	3/4	27.500	Conax	English
			Animal Planet Europe	TV	DVB-S2	3/4	27.500	Conax	Polish
			TVP Historia	TV	DVB-S2	3/4	27.500	Conax	Polish
			Discovery Science Channel Polska	TV	DVB-S2	3/4	27.500	Conax	Polish
			KidsCo East Europe	TV	DVB-S2	3/4	27.500	Conax	Polish
D 10.853	H	Europe	<u>Media Broadcast</u>	package	DVB	3/4	27.500		
			French Lover TV	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6	French
			Arab Girls	TV	DVB	3/4	27.500		Arabic
			Eurosport 2 Bundesliga	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 2.6/Viaccess 3.0	English,Polish,Serbian,Czech,Danish,Russian
			Omid-e-Iran	TV	DVB	3/4	27.500		Farsi
			IFM promo	TV	DVB	3/4	27.500		
			Physique TV	TV	DVB	3/4	27.500		English
			Suryoyo Sat	TV	DVB	3/4	27.500		
			Eurotic TV	TV	DVB	3/4	27.500		German
			Iran MNTV	TV	DVB	3/4	27.500		
			X-Dream TV	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0	English
			Ta3arees	TV	DVB	3/4	27.500		Arabic
			DM Digital Arabia	TV	DVB	3/4	27.500		Arabic
			ArabSexClub	TV	DVB	3/4	27.500		Arabic
			Fatayat 7'armanat	TV	DVB	3/4	27.500		
			Sexy Arab	TV	DVB	3/4	27.500		Arabic
			RTL 2 Schweiz	TV	DVB	3/4	Y 27.500		German
			Supreme Master TV	TV	DVB	3/4	27.500		English
			Alo TV	TV	DVB	3/4	27.500		Turkish
D 10.873	V	Europe	<u>SNRT</u>	package	DVB	3/4	27.500		
			Al Aoula Europe	TV	DVB	3/4	27.500		Arabic
			Al Aoula Middle East	TV	DVB	3/4	27.500		Arabic
			Al Aoula Maroc	TV	DVB	3/4	27.500	BISS	Arabic
			Al Maghribya	TV	DVB	3/4	27.500		Arabic
			Assadissa	TV	DVB	3/4	27.500		Arabic
			Medi 1 Sat	TV	DVB	3/4	27.500		French
			Arrabiâ	TV	DVB	3/4	27.500		Arabic
			Arryadia	TV	DVB	3/4	27.500		Arabic
			Chaîne Mohamed VI du Saint Coran	radio	DVB	3/4	27.500		Arabic
			Radio Régional de Dakhla	radio	DVB	3/4	27.500		
			Chaîne Amazigh	radio	DVB	3/4	27.500		
			Rabat Chaîne Inter	radio	DVB	3/4	27.500		
			Chaîne Nationale	radio	DVB	3/4	27.500		Arabic
			Medi 1 Radio	radio	DVB	3/4	27.500		French
			Radio Fes	radio	DVB	3/4	27.500		
D 10.892	H	Europe	<u>Cyfra +</u>	package	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
			Hyper	TV	DVB	3/4	27.500	Mediaguard 2	Polish
			Kuchnia TV	TV	DVB	3/4	27.500	Mediaguard 2	Polish
			Domo	TV	DVB	3/4	27.500	Mediaguard 2	Polish
			Canal + Sport Polska	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 3.0	Polish

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			TVP 2	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
			TVP 1	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
			Ale Kino!	TV	DVB	3/4	Y 27.500	Mediaguard 2	Polish
			Canal + Film	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 3.0	Polish,Polish
			Canal + Polska	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 3.0	Polish
			ZigZap	TV	DVB	3/4	27.500	Mediaguard 2	Polish
			Polskie Radio dla zagranicy	radio	DVB	3/4	27.500		Polish
			RMF Classic	radio	DVB	3/4	27.500	Mediaguard 2	Polish
			RMF Maxxx	radio	DVB	3/4	27.500	Mediaguard 2	Polish
			Radio Jasna Góra	radio	DVB	3/4	27.500		Polish
			Anty Radio	radio	DVB	3/4	27.500	Mediaguard 2	Polish
			Radio PIN	radio	DVB	3/4	27.500	Mediaguard 2	Polish
			Radio Zet	radio	DVB	3/4	27.500	Mediaguard 2	Polish
			Planeta FM	radio	DVB	3/4	27.500	Mediaguard 2	Polish
			Chilli Zet	radio	DVB	3/4	27.500	Mediaguard 2	Polish
			RMF FM	radio	DVB	3/4	27.500	Mediaguard 2	Polish
			Polskie Radio Trójka	radio	DVB	3/4	27.500		Polish
			Polskie Radio Dwójka	radio	DVB	3/4	27.500		Polish
			Polskie Radio Jedynka	radio	DVB	3/4	27.500		Polish
			Polskie Radio Euro	radio	DVB	3/4	27.500		Polish
			Tok FM	radio	DVB	3/4	27.500	Mediaguard 2	Polish
D 10.911	V	Europe	<u>Orange Polska</u>	package	DVB-S2	3/4	27.500	Viaccess 3.0	
			CNN International Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	English
			VH1 Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			ESPN America Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	English
			Zone Romantica Polska & Magyar	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Zone Europa	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Zone Club Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Animal Planet Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			TCM Central Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			MTV Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Movies 24 Eastern Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Kino Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Disney XD Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			HBO Comedy Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			HBO 2 Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			HBO Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			ESPN Classic Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Cartoon Network Central Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Jetix Play	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
			Zone Reality Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish
D 10.930	H	Europe	<u>Nova</u>	package	DVB	3/4	27.500	Irdeto 2	
			VH1 Europe A	TV	DVB	3/4	27.500	Irdeto 2	English
			Novacinema 1 Cyprus	TV	DVB	3/4	27.500	Irdeto 2	Greek
			The MGM Channel East Europe	TV	DVB	3/4	27.500	Irdeto 2	English
			Travel Channel	TV	DVB	3/4	27.500	Irdeto 2	English
			MTV Greece	TV	DVB	3/4	27.500	Irdeto 2	Greek
			Animal Planet Africa	TV	DVB	3/4	27.500	Irdeto 2	Greek
			National Geographic Channel România	TV	DVB	3/4	27.500	Irdeto 2	English
			Novasports 3	TV	DVB	3/4	27.500	Irdeto 2	Greek
			Novacinema 2	TV	DVB	3/4	27.500	Irdeto 2	Greek
			Mad Greekz	TV	DVB	3/4	27.500	Irdeto 2	Greek
			City 99.5	radio	DVB	3/4	27.500	Irdeto 2	Greek
			NovaSpor FM	radio	DVB	3/4	27.500	Irdeto 2	Greek
			Sentra FM	radio	DVB	3/4	27.500	Irdeto 2	Greek
			Real FM	radio	DVB	3/4	27.500	Irdeto 2	Greek
			Novascope	interacti	DVB	3/4	27.500	Irdeto 2	
			Nova programma	interacti	DVB	3/4	27.500	Irdeto 2	
D 10.949	V	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500		
			Al-Forat Satellite TV Channel	TV	DVB	3/4	27.500		Arabic
			Sat 7 Kids	TV	DVB	3/4	27.500		Arabic
			Sat 7 Pars	TV	DVB	3/4	27.500		Farsi
			Deejay TV	TV	DVB	3/4	27.500		Italian
			TCM Central Europe	TV	DVB	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3	Polish,Hungarian,Romanian,English
			Disney Channel Polska	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3	Polish,English
			Dhamma Media Channel	TV	DVB	3/4	27.500		Thai,English
			Cartoon Network Central Europe	TV	DVB	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3	Polish,Hungarian,Romanian,English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
D 10.971	H	Europe	ANB	TV	DVB	3/4	27.500		Arabic
			Retecapri	TV	DVB	3/4	27.500		Italian
			NourSat	TV	DVB	3/4	27.500		Arabic
			Al Hiwar TV	TV	DVB	3/4	27.500		Arabic
			Radio Capri	radio	DVB	3/4	27.500		Italian
			<u>RRsat Global Communications Network</u>	package	DVB	3/4	27.500		
			Asianet	TV	DVB	3/4	27.500		Malayalam
			US Armenia	TV	DVB	3/4	27.500		Armenian
			Al Anwar TV	TV	DVB	3/4	27.500		Arabic
			The Word Network	TV	DVB	3/4	27.500		English
			Russia Today	TV	DVB	3/4	27.500		English
			NTD TV	TV	DVB	3/4	27.500		Chinese
			Ictimai TV	TV	DVB	3/4	27.500		Azerbaijan
			Telenova	TV	DVB	3/4	27.500		Italian
			La 9 Sat	TV	DVB	3/4	27.500		Italian
			La 8	TV	DVB	3/4	27.500		Italian
			God TV Europe	TV	DVB	3/4	27.500		English
			MRTV 3	TV	DVB	3/4	27.500		English
			TVK	TV	DVB	3/4	27.500		
			Payam-e-Afghan TV	TV	DVB	3/4	27.500		Farsi
			Music Box Ru	TV	DVB	3/4	27.500		Russian
			Suroyo TV	TV	DVB	3/4	27.500		
			TRT Türk	TV	DVB	3/4	Y 27.500		Turkish
			Universal TV	TV	DVB	3/4	27.500		Somali
			Baby TV Europe	TV	DVB	3/4	27.500	Conax/Cryptoworks/Viaccess 2.5/Viaccess 2.6	German,English,French,Dutch,Turkish,Poli sh,Spanish,Portuguese,Italian
			Voice of Turkey West	radio	DVB	3/4	27.500		
			VAB Radio	radio	DVB	3/4	27.500		Vietnamese
			Toloo Radio	radio	DVB	3/4	27.500		
			Radio Jamwar	radio	DVB	3/4	27.500		
			Radio Nawa Arabic	radio	DVB	3/4	27.500		Arabic
			Radio Nawa Kurdish	radio	DVB	3/4	27.500		Kurdish
			TRT FM	radio	DVB	3/4	27.500		Turkish
			Voice of Turkey World	radio	DVB	3/4	27.500		
TSR	radio	DVB	3/4	27.500		Turkish			
D 10.992	V	Europe	<u>RAI</u>	package	DVB	2/3	27.500	Mediaguard 1/Nagravision 3	
			RaiSat Cinema	TV	DVB	2/3	27.500	Nagravision 3	Italian
			Rai Due	TV	DVB	2/3	Y 27.500	Mediaguard 1/Nagravision 3	Italian
			Rai Uno	TV	DVB	2/3	Y 27.500	Mediaguard 1/Nagravision 3	Italian
			Rai Tre	TV	DVB	2/3	Y 27.500	Mediaguard 1/Nagravision 3	Italian
			Rai 4	TV	DVB	2/3	Y 27.500	Mediaguard 1/Nagravision 3	Italian
			Filodiffusione 4	radio	DVB	2/3	27.500		Italian
			Rai Italia Radio	radio	DVB	2/3	27.500		
			Rai Italia Radio	radio	DVB	2/3	27.500		
			Rai Radio 1 AM	radio	DVB	2/3	27.500		Italian
			Rai Radio 2	radio	DVB	2/3	27.500		Italian
			Rai Radio 3	radio	DVB	2/3	27.500		Italian
			D 11.013	H	Europe	<u>RRsat Global Communications Network</u>	package	DVB	3/4
Hope Channel Europe	TV	DVB				3/4	27.500		English
Didar Global TV	TV	DVB				3/4	27.500		Farsi
Russian Travel Guide TV	TV	DVB				3/4	27.500		English,Russian
Pro TV International	TV	DVB				3/4	27.500		Romanian
MTA 3 Al Arabiyah	TV	DVB				3/4	27.500		Arabic
Kanal Hayat	TV	DVB				3/4	27.500		Turkish
Free Channel	TV	DVB				3/4	27.500		Italian
Eco TV	TV	DVB				3/4	27.500		Italian
Number One Channel	TV	DVB				3/4	27.500		Italian
3 Channel	TV	DVB				3/4	27.500		Italian
Al Fayhaa TV	TV	DVB				3/4	27.500		Arabic
Sarafan	TV	DVB				3/4	27.500		Russian
Spy TV	TV	DVB				3/4	27.500		Italian
Gali Kurdistan	TV	DVB				3/4	27.500		Kurdish
Rusiya Al-Yaum	TV	DVB				3/4	27.500		Arabic
Channel One Sri Lanka	TV	DVB				3/4	27.500		Sinhalese
Rete Oro Sat	TV	DVB				3/4	27.500		Italian
CGN TV	TV	DVB				3/4	27.500		Korean
Ru TV	TV	DVB				3/4	27.500		Russian
Eurapejskaje Radyjo dla Bielarusi	radio	DVB				3/4	27.500		Belarusian
Radio Novaya Zhizn	radio	DVB				3/4	27.500		Russian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.	
				Digital	FEC	MSy/s				
D 11.034	V	Europe	Radio Kurdistan	radio	DVB	3/4	27.500			Kurdish
			GTBC FM	radio	DVB	3/4	27.500			Tamil
			London Tamil FM	radio	DVB	3/4	27.500			Tamil
			European Tamil Radio	radio	DVB	3/4	27.500			Tamil
			Radyo Duhok	radio	DVB	3/4	27.500			Kurdish
			Radio Number One	radio	DVB	3/4	27.500			Italian
			Russkoe Radio	radio	DVB	3/4	27.500	Codicrypt		Russian
			TBC Radio	radio	DVB	3/4	27.500			Tamil
			<u>GlobeCast</u>	package	DVB	3/4	27.500			
			AzTV	TV	DVB	3/4	27.500			Azerbaijan
			Algérie 5	TV	DVB	3/4	27.500			Arabic
			Algérie 4	TV	DVB	3/4	27.500			
			Al Jazeera English	TV	DVB	3/4	27.500			English
			Game One	TV	DVB	3/4	27.500	Viaccess 3.0		French
			2M Monde	TV	DVB	3/4	27.500			Arabic
			Salute!	TV	DVB	3/4	27.500			Italian
			CCTV 9	TV	DVB	3/4	27.500			English
			Shant TV	TV	DVB	3/4	27.500			Armenian
			RTR Planeta	TV	DVB	3/4	27.500			Russian
			Vesti	TV	DVB	3/4	27.500			Russian
			Berbère TV	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5		French
			Strana	TV	DVB	3/4	27.500			Russian
			Telesud	TV	DVB	3/4	27.500			French
Berbère Radio	radio	DVB	3/4	27.500			Berber			
Radio 2M	radio	DVB	3/4	27.500						
Radio Antenn	radio	DVB	3/4	27.500			Azerbaijan			
D 11.054	H	Europe	<u>Media Broadcast</u>	package	DVB	5/6	27.500			
			Al Shababiyah	TV	DVB	5/6	27.500			Arabic
			DW-TV Arabia	TV	DVB	5/6	27.500			
			Mohajer International TV	TV	DVB	5/6	27.500			Farsi
			BW TV	TV	DVB	5/6	27.500	PowerVu		German
			RTL Schweiz	TV	DVB	5/6	Y 27.500			German
			ZDF	TV	DVB	5/6	Y 27.500			German
			Sri TV	TV	DVB	5/6	27.500			
			Beladi Satellite TV	TV	DVB	5/6	27.500			Arabic
			Iran Beauty	TV	DVB	5/6	27.500			Farsi
			TV Persia	TV	DVB	5/6	27.500			Farsi
			Iran Tele Market	TV	DVB	5/6	27.500			
			Iran Music	TV	DVB	5/6	27.500			
			Tapes TV	TV	DVB	5/6	27.500			Farsi
			Speda Channel	TV	DVB	5/6	27.500			
			CTV	TV	DVB	5/6	27.500			Arabic
			POS Radio Euro AC	radio	DVB	5/6	27.500			German
			POS Radio Kaufland	radio	DVB	5/6	27.500			German
			POS Radio Soft AC	radio	DVB	5/6	27.500			German
			POS Radio	radio	DVB	5/6	27.500			German
			POS Radio Hot AC	radio	DVB	5/6	27.500			German
			POS Radio AC	radio	DVB	5/6	27.500			German
			POS Radio CHR	radio	DVB	5/6	27.500			German
D 11.075	V	Europe	<u>Viacom</u>	package	DVB	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3		
			MTV Polska	TV	DVB	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3		Polish
			MTVN HD	TV	DVB	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3		English
			VH1 Polska	TV	DVB	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3		Polish
			Viva Polska	TV	DVB	3/4	27.500			Polish
			VH1 Europe A	TV	DVB	3/4	27.500	Conax/Cryptoworks		English
			Comedy Central Polska	TV	DVB	3/4	27.500	Conax/Cryptoworks/Mediaguard 2		Polish
			MTV Europe	TV	DVB	3/4	27.500	Cryptoworks		English
			Nickelodeon Europe	TV	DVB	3/4	27.500	Conax/Cryptoworks	English,Hungarian,Russian,Portuguese	
			<u>American Forces Network</u>	package	DVB	3/4	28.000	PowerVu		
D 11.096	H	Europe	AFN Prime Freedom	TV	DVB	3/4	28.000	PowerVu		English
			Pentagon Channel	TV	DVB	3/4	28.000			English
			AFN Prime Rota	TV	DVB	3/4	28.000	PowerVu		English
			AFN Xtra	TV	DVB	3/4	28.000	PowerVu		English
			AFN News	TV	DVB	3/4	28.000	PowerVu		English
			AFN Prime Atlantic Sigonella	TV	DVB	3/4	28.000	PowerVu		English
			AFN Prime Atlantic Naples	TV	DVB	3/4	28.000	PowerVu		English
			AFN Prime Atlantic Vicenza	TV	DVB	3/4	28.000	PowerVu		English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			AFN Prime Atlantic Aviano	TV	DVB	3/4	28.000	PowerVu	English
			AFN Movie	TV	DVB	3/4	28.000	PowerVu	English
			AFN Family	TV	DVB	3/4	28.000	PowerVu	English
			Z-Rock	radio	DVB	3/4	28.000		English
			AFN Uninterruptable Voice	radio	DVB	3/4	28.000		English
			AFN The Eagle Livorno	radio	DVB	3/4	28.000	PowerVu	English
			AFN Power Network Livorno	radio	DVB	3/4	28.000	PowerVu	English
			AFN Freedom Radio	radio	DVB	3/4	28.000	PowerVu	English
			AFN Power Network Naples	radio	DVB	3/4	28.000	PowerVu	English
			AFN The Eagle Sigonella	radio	DVB	3/4	28.000	PowerVu	English
			AFN The Eagle Naples	radio	DVB	3/4	28.000	PowerVu	English
			AFN The Eagle Rota	radio	DVB	3/4	28.000	PowerVu	English
			Power 107 FM	radio	DVB	3/4	28.000	PowerVu	English
			AFN Power Network Sigonella	radio	DVB	3/4	28.000	PowerVu	English
			Drive FX	radio	DVB	3/4	28.000	PowerVu	English
			Jack FM	radio	DVB	3/4	28.000	PowerVu	English
			106 The Power Network	radio	DVB	3/4	28.000	PowerVu	English
			AFN The Eagle Souda Bay	radio	DVB	3/4	28.000	PowerVu	English
			AFN The Eagle Vicenza 106	radio	DVB	3/4	28.000	PowerVu	English
			Power 107 FM	radio	DVB	3/4	28.000	PowerVu	English
			AFN The Eagle Vicenza 106	radio	DVB	3/4	28.000	PowerVu	English
			Mainstream Country	radio	DVB	3/4	28.000	PowerVu	English
D 11.117	V	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500	Conax/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0	
			Discovery Travel & Living Europe	TV	DVB	3/4	27.500	Conax/Irdeto 2/Mediaguard 2/Viaccess 3.0	Polish,English
			Investigation Discovery Europe	TV	DVB	3/4	27.500	Conax/Irdeto 2/Mediaguard 2/Viaccess 3.0	Polish,English
			Yes Italia	TV	DVB	3/4	27.500		Italian
			R1	TV	DVB	3/4	27.500		Russian
			CBeebies Polska	TV	DVB	3/4	27.500	Nagravision 3/Viaccess 3.0	Polish,English
			BBC Lifestyle Polska	TV	DVB	3/4	27.500	Nagravision 3/Viaccess 3.0	Polish,English
			BBC Knowledge Polska	TV	DVB	3/4	27.500	Nagravision 3/Viaccess 3.0	Polish,English
			BBC Entertainment Polska	TV	DVB	3/4	27.500	Nagravision 3/Viaccess 3.0	Polish,English
			BBC Persian	TV	DVB	3/4	27.500		Farsi
			Wedding TV Polska	TV	DVB	3/4	27.500	Nagravision 3	Polish,Russian,English,Turkish
D 11.137	H	Europe	<u>Arqiva</u>	package	DVB	3/4	27.500		
			NHK World TV	TV	DVB	3/4	27.500		English
			GEM TV	TV	DVB	3/4	27.500		Farsi
			TelefortuneSat	TV	DVB	3/4	27.500		Italian
			Videolina Sat	TV	DVB	3/4	27.500		Italian
			Kurdistan TV	TV	DVB	3/4	27.500		Kurdish
			Farsi 1	TV	DVB	3/4	27.500		Farsi
			TV 5 Monde Europe	TV	DVB	3/4	Y 27.500		French
			TV 5 Monde FBS	TV	DVB	3/4	Y 27.500		French
			Motors TV	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0	French,English,German,Serbian,Greek
			Sardegna 1 Sat	TV	DVB	3/4	27.500		Italian
			Radiolina	radio	DVB	3/4	27.500		Italian
D 11.158	V	Europe	<u>Cyfrowy Polsat</u>	package	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	
			Polsat 2	TV	DVB	3/4	27.500	Nagravision 3	Polish
			Polsat Sport Extra	TV	DVB	3/4	27.500	Nagravision 3	Polish
			Polsat	TV	DVB	3/4	Y 27.500	Nagravision 3	Polish
			Polsat Play	TV	DVB	3/4	27.500	Nagravision 3	Polish
			TV 4	TV	DVB	3/4	Y 27.500	Mediaguard 2/Nagravision 3	Polish
			Polsat Sport	TV	DVB	3/4	27.500	Nagravision 3	Polish
			TV Biznes	TV	DVB	3/4	27.500		Polish
			Polsat News	TV	DVB	3/4	27.500	Nagravision 3	Polish
			Polsat Café	TV	DVB	3/4	27.500	Nagravision 3	Polish
D 11.179	H	Europe	<u>Telespazio</u>	package	DVB	3/4	27.500		
			Telelotto	TV	DVB	3/4	27.500		Italian
			Super Tennis	TV	DVB	3/4	27.500		Italian
			Telemarket	TV	DVB	3/4	Y 27.500		Italian
			TV Canção Nova Internacional	TV	DVB	3/4	27.500		Portuguese
			GBR	TV	DVB	3/4	27.500		Italian
			New TV	TV	DVB	3/4	27.500		Italian
			Tele Padre Pio	TV	DVB	3/4	27.500		Italian
			TRSP	TV	DVB	3/4	27.500		Italian
			TeF Channel	TV	DVB	3/4	27.500		Italian
			Metropolis TV	TV	DVB	3/4	27.500		Italian
			Globe Media	TV	DVB	3/4	27.500		Italian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.	
				Digital	FEC	MSy/s				
D 11.200	V	Europe	Studio Europa	TV	DVB	3/4	27.500			Italian
			TV Moda	TV	DVB	3/4	27.500			Italian
			<u>Milano Teleport</u>	package	DVB	5/6	27.500			
			Luna Sat	TV	DVB	5/6	27.500			Italian
			EBC 1	TV	DVB	5/6	27.500			Arabic
			TeleCampione	TV	DVB	5/6	27.500			Italian
			Odeon Sat	TV	DVB	5/6	27.500			Italian
			Betting Channel	TV	DVB	5/6	27.500			Italian
			Italiamia 2	TV	DVB	5/6	27.500			Italian
			Oasi TV	TV	DVB	5/6	27.500			Italian
			Sexpress	TV	DVB	5/6	27.500			Turkish
			UTV	TV	DVB	5/6	27.500			English
			StarBox TV	TV	DVB	5/6	27.500			
			Telenord Sat	TV	DVB	5/6	27.500			Italian
			Sat 8	TV	DVB	5/6	27.500			Italian
			Napoli International	TV	DVB	5/6	27.500			Italian
			Milano Teleport promo	TV	DVB	5/6	27.500			English
			Star Sat	TV	DVB	5/6	27.500			Italian
			Motori TV	TV	DVB	5/6	27.500			Italian
			Trentino TV	TV	DVB	5/6	27.500			Italian
			Lolita	TV	DVB	5/6	27.500			
			Elite Shopping TV	TV	DVB	5/6	27.500			Italian
			Mediatel	TV	DVB	5/6	27.500	Y		Italian
			Redroom	TV	DVB	5/6	27.500			Turkish
			Puntoshop Channel	TV	DVB	5/6	27.500			Italian
			Play TV	TV	DVB	5/6	27.500			Italian
			Radio Intesa	radio	DVB	5/6	27.500			Italian
			Boss Radio	radio	DVB	5/6	27.500			
			Radio Metro'	radio	DVB	5/6	27.500			Italian
			Rang-a-Rang Radio	radio	DVB	5/6	27.500			Farsi
			Radio Intesa San Paolo	radio	DVB	5/6	27.500			Italian
			Radio Zainet	radio	DVB	5/6	27.500			Italian
			Radio Standa	radio	DVB	5/6	27.500			Italian
			Radio Shora	radio	DVB	5/6	27.500			Arabic
			Radio Pedar	radio	DVB	5/6	27.500			Farsi
			Billa Italia	radio	DVB	5/6	27.500			Italian
			Radio di per di	radio	DVB	5/6	27.500			Italian
			Radio McDonald's	radio	DVB	5/6	27.500			Italian
			Salam Watandar	radio	DVB	5/6	27.500			
			Radio Expert	radio	DVB	5/6	27.500			Italian
D 11.219	H	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard		
			Discovery Channel Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian	
			Playhouse Disney Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian	
			BBC Entertainment Europe	TV	DVB	3/4	27.500	Videoguard	English	
			CNN International Europe	TV	DVB	3/4	27.500	Videoguard	English	
			Match Music TV	TV	DVB	3/4	27.500	Videoguard	Italian	
			DeA Kids +1	TV	DVB	3/4	27.500	Videoguard	Italian	
			Rock TV	TV	DVB	3/4	27.500	Videoguard	Italian	
			Mediaset Plus	TV	DVB	3/4	27.500	Videoguard	Italian	
			Hip Hop TV	TV	DVB	3/4	27.500	Videoguard	Italian	
			Baby Mix	radio	DVB	3/4	27.500	Videoguard		
			Soul Train	radio	DVB	3/4	27.500	Videoguard		
			Extra Beat	radio	DVB	3/4	27.500	Videoguard		
			Sinfonia	radio	DVB	3/4	27.500	Videoguard		
			Opera	radio	DVB	3/4	27.500	Videoguard		
			Yesterjay '80	radio	DVB	3/4	27.500	Videoguard		
			Stardust	radio	DVB	3/4	27.500	Videoguard		
			B-Side	radio	DVB	3/4	27.500	Videoguard		
			Rock Shock	radio	DVB	3/4	27.500	Videoguard		
			Capital Rock Classic	radio	DVB	3/4	27.500	Videoguard		
			Jazz Gold	radio	DVB	3/4	27.500	Videoguard		
			Onda Latina	radio	DVB	3/4	27.500	Videoguard		
			Disc Joker	radio	DVB	3/4	27.500	Videoguard		
			Out of Mind	radio	DVB	3/4	27.500	Videoguard		
			Heart 'n Song	radio	DVB	3/4	27.500	Videoguard		
			New Rock	radio	DVB	3/4	27.500	Videoguard		
			Jazz & Fusion	radio	DVB	3/4	27.500	Videoguard		
			Soulsista	radio	DVB	3/4	27.500	Videoguard		
			Vintage '60	radio	DVB	3/4	27.500	Videoguard		
			Capital '70	radio	DVB	3/4	27.500	Videoguard		

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.	
				Digital	FEC					
D 11.240	V	Europe	Italian Vintage	radio	DVB	3/4	27.500	Videoguard		
			Hit Italia	radio	DVB	3/4	27.500	Videoguard		
			Yesterjay '90	radio	DVB	3/4	27.500	Videoguard		
			Deejay 50 Songs	radio	DVB	3/4	27.500	Videoguard		
			Capital Livetime	radio	DVB	3/4	27.500	Videoguard		
			<u>Eutelsat</u>	package	DVB	3/4	27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0		
			Eurosport 2	TV	DVB	3/4	Y 27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Videoguard	Polish,English,German,Russian,Greek,Serbian,Romanian,Turkish	
			France 24 English	TV	DVB	3/4	27.500		English	
			Disney Channel France	TV	DVB	3/4	27.500	Mediaguard 2	French	
			Plug RTL	TV	DVB	3/4	Y 27.500	Mediaguard 2	French	
			Club RTL	TV	DVB	3/4	Y 27.500	Mediaguard 2	French	
			RTL TVI	TV	DVB	3/4	Y 27.500	Mediaguard 2	French	
			La Une	TV	DVB	3/4	Y 27.500	Mediaguard 2	French	
			Eurosport	TV	DVB	3/4	Y 27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Videoguard	English,Greek,Dutch,Polish,Russian,Portuguese,Romanian,Czech,Hungarian,Bulgarian,Turkish,Serbian	
			RTBF Sat	TV	DVB	3/4	Y 27.500		French	
			France 24 Français	TV	DVB	3/4	27.500		French	
			La Deux	TV	DVB	3/4	Y 27.500	Mediaguard 2	French	
			RTBF International	radio	DVB	3/4	27.500			
			D 11.258	H	Europe	<u>N</u>	package	DVB-S2	3/4	27.500
Wojna i Pokój	TV	DVB-S2				3/4	27.500	Conax	Polish,Russian	
Cartoon Network Central Europe	TV	DVB-S2				3/4	27.500	Conax	Polish	
Animal Planet Europe	TV	DVB-S2				3/4	27.500	Conax/Mediaguard 2	Polish	
TCM Central Europe	TV	DVB-S2				3/4	27.500	Conax	Polish	
Nat Geo Wild Europe	TV	DVB-S2				3/4	27.500	Conax		
Eurosport 2 Bundesliga	TV	DVB-S2				3/4	27.500	Conax/Mediaguard 2/Nagravision 3	Polish,Danish	
TVP HD	TV	DVB-S2				3/4	27.500	Conax	Polish	
NFilm HD 2	TV	DVB-S2				3/4	27.500	Conax	Polish,Polish	
ITVN Europe	TV	DVB-S2				3/4	Y 27.500	Conax	Polish	
NFilm HD	TV	DVB-S2				3/4	27.500	Conax	Polish,Polish	
Cinemax Central Europe	TV	DVB-S2				3/4	27.500	Conax	Polish	
Cinemax 2 Central Europe	TV	DVB-S2				3/4	27.500	Conax	Polish	
A 11.278	V	Europe				<u>Cyfra +</u>	package	DVB-S2	3/4	27.500
			Eurosport	TV	DVB-S2	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0/Videoguard	English,Turkish,Russian,Dutch,Czech,German,Portuguese,Polish,Hungarian,Bulgarian,Italian,Spanish	
			Canal + Film	TV	DVB-S2	3/4	27.500	Mediaguard 2/Viaccess 3.0	Polish	
			Canal + Sport Polska	TV	DVB-S2	3/4	27.500	Mediaguard 2/Viaccess 3.0	Polish	
			National Geographic Channel HD UK	TV	DVB-S2	3/4	27.500	Mediaguard 2	Polish	
			D 11.296	H	Europe	<u>Al Jazeera Sport Channel</u>	package	DVB	3/4	27.500
Al Jazeera Sport Channel +4	TV	DVB				3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English	
Al Jazeera Sport Channel +5	TV	DVB				3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English	
Al Jazeera Sport Channel +6	TV	DVB				3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English	
Al Jazeera Sport Channel +7	TV	DVB				3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English	
Al Jazeera Sport Channel +8	TV	DVB				3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English	
Al Jazeera Sport Channel +3	TV	DVB				3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English	
Al Jazeera Sport Channel +2	TV	DVB				3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English	
Al Jazeera Sport Channel +1	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English				
A 11.320	V	Europe	TV 5 Monde Europe	TV	PAL	6.60	Y	French		
D 11.355	V	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard		
			Sky Primafila 32	TV	DVB	3/4	27.500	Videoguard	Italian	
			Live!	TV	DVB	3/4	27.500	Videoguard	Italian	
			Sky Primafila 31	TV	DVB	3/4	27.500	Videoguard	Italian	
			Voce	TV	DVB	3/4	27.500	Videoguard	Italian	
			GXT +1	TV	DVB	3/4	27.500	Videoguard	Italian	
			Sky Primafila 25	TV	DVB	3/4	27.500	Videoguard	Italian	
			Sky Assist	TV	DVB	3/4	27.500	Videoguard	Italian	
			Fox Life Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian	
			Music Box Italia	TV	DVB	3/4	27.500	Videoguard	Italian	
			Radio 105	radio	DVB	3/4	27.500	Videoguard	Italian	
			Radio on Sky	radio	DVB	3/4	27.500	Videoguard	Italian	
			M2o	radio	DVB	3/4	27.500	Videoguard	Italian	
			Virgin Radio Italia	radio	DVB	3/4	27.500	Videoguard	Italian	

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.		
				Digital	FEC	MSy/s					
D 11.393	V	Europe	Radio Capital	radio	DVB	3/4	27.500	Videoguard		Italian	
			Radio Kiss Kiss	radio	DVB	3/4	27.500	Videoguard		Italian	
			RTL 102.5 FM	radio	DVB	3/4	27.500	Videoguard		Italian	
			R101	radio	DVB	3/4	27.500	Videoguard		Italian	
			Radio Italia	radio	DVB	3/4	27.500	Videoguard		Italian	
			Radio 24	radio	DVB	3/4	27.500	Videoguard		Italian	
			Radio Dimensione Suono	radio	DVB	3/4	27.500	Videoguard		Italian	
			RMC 1	radio	DVB	3/4	27.500	Videoguard		Italian	
			Radio DeeJay	radio	DVB	3/4	27.500	Videoguard		Italian	
			<u>Televizija na karte</u>	package	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0			
			TVN Style	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0			Polish
			TVN 24	TV	DVB	3/4	27.500	Conax			Polish
			TVN Turbo	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0			Polish
			TVN Meteo	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0			Polish
D 11.411	H	Europe	TVN	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish,Polish	
			TVN 24	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish	
			TVN 7	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish,Polish	
			Mango 24	TV	DVB	3/4	Y 27.500			Polish	
			TVN CNBC Biznes	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Viaccess 3.0		Polish	
			<u>Telekom Srbija</u>	package	DVB	5/6	27.500				
			Dorcel TV	TV	DVB	5/6	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0			French,German,English
			Tiziana Sat	TV	DVB	5/6	27.500			Italian	
			RTA	TV	DVB	5/6	27.500			Italian	
			Redlight Premium Channel	TV	DVB	5/6	27.500	Irdeto 2/SkyPilot/Viaccess 2.6/Viaccess 3.0		Italian	
			French Lover TV	TV	DVB	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6		French	
			Zee Cinema UK	TV	DVB	5/6	Y 27.500	Irdeto 2		Hindi	
			Kanal Hayat	TV	DVB	5/6	27.500			Turkish	
			Al Hayat	TV	DVB	5/6	27.500			Arabic	
A 11.449	H	Europe	Club Privé TV	TV	DVB	5/6	27.500	Irdeto 2/Viaccess 3.0		Italian	
			Redlight Premium Channel promo	TV	DVB	5/6	27.500			Italian	
			RTS Satelit	TV	DVB	5/6	27.500			Serbian	
			PTV	TV	DVB	5/6	27.500			Arabic	
			Free-X TV 2	TV	DVB	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6		Italian	
			X-Dream TV	TV	DVB	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6		Italian	
			Free-X TV	TV	DVB	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6		Italian	
			Zee TV UK	TV	DVB	5/6	Y 27.500	Irdeto 2		Hindi	
			Zee Punjabi UK	TV	DVB	5/6	27.500			Punjabi	
			Divafutura Channel	TV	DVB	5/6	27.500			Italian	
			Finest TV	TV	DVB	5/6	27.500			Turkish	
			Radio Beograd 1	radio	DVB	5/6	27.500			Serbian	
			Radio Pedar	radio	DVB	5/6	27.500			Farsi	
			<u>N</u>	package	DVB-S2	2/3	27.500	Conax/Mediaguard 2/Nagravision 3			
D 11.471	V	Europe	FilmBox HD	TV	DVB-S2	2/3	27.500	Conax/Mediaguard 2		Czech,Polish	
			MGM HD Polska	TV	DVB-S2	2/3	27.500	Conax		Polish	
			Discovery HD Europe	TV	DVB-S2	2/3	27.500	Conax/Nagravision 3		Polish	
			N Sport	TV	DVB-S2	2/3	27.500	Conax		Polish,Polish	
			VOD	TV	DVB-S2	2/3	27.500	Conax		Polish,English	
			TVN	TV	DVB-S2	2/3	27.500	Conax		Polish,Polish	
			<u>SatLink</u>	package	DVB	5/6	27.500				
			Tasvir e Iran	TV	DVB	5/6	27.500			Farsi	
			La 9 Sat	TV	DVB	5/6	27.500			Italian	
			Link promo	TV	DVB	5/6	27.500			Italian	
			Nickelodeon Polska	TV	DVB	5/6	27.500	Conax/Cryptoworks/Nagravision 3		Polish,English	
			PTV	TV	DVB	5/6	27.500			Arabic	
			Komala TV	TV	DVB	5/6	27.500			Kurdish	
			Mohabat TV	TV	DVB	5/6	27.500			English	
Al Malakoot Sat	TV	DVB	5/6	27.500			Arabic				
Yahweh Prophetic TV	TV	DVB	5/6	27.500			English				
AssyriaSat	TV	DVB	5/6	27.500			English				
God's Learning Channel	TV	DVB	5/6	27.500			English				
MKTV Sat	TV	DVB	5/6	27.500			Macedonian				
Italiani nel mondo Channel	TV	DVB	5/6	27.500			Italian				
RIK Sat	TV	DVB	5/6	27.500			Greek				

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 11.488	H	Europe	Radio Mojdeh	radio	DVB	5/6	27.500		Farsi			
			Radio Vlaanderen Info	radio	DVB	5/6	27.500		Dutch			
			Radio Vlaanderen	radio	DVB	5/6	27.500		Dutch			
			Radio 74	radio	DVB	5/6	27.500		English			
			Makedonsko Radio	radio	DVB	5/6	27.500		Macedonian			
			Payam-e-Doost	radio	DVB	5/6	27.500		Farsi			
			<u>Cyfra +</u>	package	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 2.6/Viaccess 3.0				
			TVP Info	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Viaccess 3.0		Polish		
			TVP Sport	TV	DVB	3/4	27.500	Mediaguard 2		Polish		
			Kino Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish		
			TVP Polonia	TV	DVB	3/4	Y 27.500			Polish		
			ITV	TV	DVB	3/4	Y 27.500			Polish		
			Cinemax Central Europe	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish		
			TV Puls	TV	DVB	3/4	27.500			Polish		
			TVP Kultura	TV	DVB	3/4	Y 27.500			Polish		
			Animal Planet Europe	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish		
			CNBC Europe	TV	DVB	3/4	27.500	Mediaguard 2		English		
			Zone Club Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish,English		
			Zone Reality Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish,English		
			D 11.508	V	Europe	Trace TV	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.6	French
<u>Grupa ITI</u>	package	DVB				3/4	27.500	Conax/Mediaguard 2/Viaccess 3.0				
FilmBox Extra Polska	TV	DVB				3/4	27.500	Conax/Mediaguard 2		Polish		
FilmBox Family	TV	DVB				3/4	27.500	Conax/Mediaguard 2		Polish		
Discovery Historia	TV	DVB				3/4	27.500	Conax/Viaccess 3.0		Polish		
Discovery Channel Polska	TV	DVB				3/4	27.500	Conax		Polish		
TVN Warszawa	TV	DVB				3/4	Y 27.500			Polish		
TVP Sport	TV	DVB				3/4	27.500	Conax		Polish		
Religia TV	TV	DVB				3/4	27.500	Conax/Mediaguard 2/Viaccess 3.0		Polish		
N Sport	TV	DVB				3/4	27.500	Conax		Polish		
FilmBox Polska	TV	DVB				3/4	27.500	Conax/Mediaguard 2		Polish		
D 11.526	H	Europe				<u>SRG SSR</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 4.0	
						TSR 1	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	
			RSI La 1	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0		Italian		
			TSR 2	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0		French		
			RSI La 2	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0		Italian		
			Couleur 3	radio	DVB	3/4	27.500			French		
			RSI Rete Uno	radio	DVB	3/4	27.500			Italian		
			RSR La 1ère	radio	DVB	3/4	27.500			French		
			RSR Option Musique	radio	DVB	3/4	27.500			French		
			Radio Suisse Classique	radio	DVB	3/4	27.500			French		
			RSR Espace 2	radio	DVB	3/4	27.500			French		
			World Radio Switzerland	radio	DVB	3/4	27.500			English		
			RSI Rete Tre	radio	DVB	3/4	27.500			Italian		
			RSI Rete Due	radio	DVB	3/4	27.500			Italian		
D 11.541	V	Europe	<u>M-Three satcom</u>	package	DVB	5/6	22.000					
			Italia 8 Prestige	TV	DVB	5/6	22.000			Italian		
			YouDem TV	TV	DVB	5/6	22.000			Italian		
			Toscana Channel	TV	DVB	5/6	22.000			Italian		
			La Nuova TV	TV	DVB	5/6	22.000			Italian		
			Teletirreno	TV	DVB	5/6	22.000			Italian		
			Thou TV	TV	DVB	5/6	22.000			Italian		
			BergamoSat	TV	DVB	5/6	22.000			Italian		
			50 Canale	TV	DVB	5/6	22.000			Italian		
			Sardegna Channel Sat	TV	DVB	5/6	22.000			Italian		
			Tivù Tivù	TV	DVB	5/6	22.000			Italian		
			Umbria Channel Sat	TV	DVB	5/6	22.000			Italian		
			La 7	TV	DVB	5/6	Y 22.000	Nagravision 3		Italian		
			T Sat	TV	DVB	5/6	22.000			Italian		
			Wewell Channel promo	TV	DVB	5/6	22.000			Italian		
			Health & Beauty TV	TV	DVB	5/6	22.000			Italian		
			RED	TV	DVB	5/6	22.000			Italian		
			Jewels La Sorgente 3	TV	DVB	5/6	22.000			Italian		
			M2o	radio	DVB	5/6	22.000			Italian		
			Radio 24	radio	DVB	5/6	22.000			Italian		
			Radio Onda d'Urto	radio	DVB	5/6	22.000			Italian		
			R101	radio	DVB	5/6	22.000			Italian		
			Radio Kolbe	radio	DVB	5/6	22.000			Italian		
			Radio Iglesias	radio	DVB	5/6	22.000			Italian		
			Radio Millennium	radio	DVB	5/6	22.000			Italian		
			Radio Capital	radio	DVB	5/6	22.000			Italian		

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.		
				Digital	FEC	MSy/s					
D 11.566	H	Europe	DiscoRadio	radio	DVB	5/6	22.000			Italian	
			Radio Centro 95	radio	DVB	5/6	22.000			Italian	
			Radio Sacra Famiglia InBlu	radio	DVB	5/6	22.000			Italian	
			Radio Kiss Kiss	radio	DVB	5/6	22.000			Italian	
			Radio Cuore 2	radio	DVB	5/6	22.000			Italian	
			Radio Buon Consiglio	radio	DVB	5/6	22.000			Italian	
			Radio Cuore	radio	DVB	5/6	22.000			Italian	
			Virgin Radio Italia	radio	DVB	5/6	22.000			Italian	
			RMC 2	radio	DVB	5/6	22.000			Italian	
			Radio DeeJay	radio	DVB	5/6	22.000			Italian	
			Radio Padre Pio	radio	DVB	5/6	22.000			Italian	
			<u>Overon</u>	package	DVB	3/4	27.500				
			TBN Rossiya	TV	DVB	3/4	27.500				Russian
			Salaam TV	TV	DVB	3/4	27.500				Arabic
			JCTV	TV	DVB	3/4	27.500				English
			TBN Europe	TV	DVB	3/4	27.500				English
			Suryoyo Sat	TV	DVB	3/4	27.500				
			Good Shepherd TV	TV	DVB	3/4	27.500				Arabic
			CallShop	TV	DVB	3/4	27.500				
			Nour TV	TV	DVB	3/4	27.500				Farsi
TBN Italia	TV	DVB	3/4	27.500				Italian			
Nejat TV	TV	DVB	3/4	27.500				Farsi			
Smile of a Child TV	TV	DVB	3/4	27.500				English			
The Healing Channel	TV	DVB	3/4	27.500				Arabic			
Enlace TBN Europa	TV	DVB	3/4	27.500				Spanish			
The Church Channel	TV	DVB	3/4	27.500				English			
Ulibka Rebyonka	TV	DVB	3/4	27.500				Russian			
Radio Kalima Tunisie	radio	DVB	3/4	27.500				Arabic			
D 11.585	V	Europe	<u>GlobeCast World TV</u>	package	DVB	3/4	27.500				
			Mondo Arte	TV	DVB	3/4	27.500			Italian	
			Ariana TV Network International	TV	DVB	3/4	27.500				
			Cassiopea	TV	DVB	3/4	27.500			Italian	
			1 Minute TV	TV	DVB	3/4	27.500			Italian	
			Daystar TV	TV	DVB	3/4	27.500			English	
			Kalaighar TV UK	TV	DVB	3/4	27.500			Tamil	
			Viva l'Italia Channel	TV	DVB	3/4	27.500			Italian	
			Islam Channel	TV	DVB	3/4	27.500			English	
			Galaxy TV	TV	DVB	3/4	27.500			Italian	
			E*TV Satellite	TV	DVB	3/4	27.500			Italian	
			Inspiration Network International	TV	DVB	3/4	27.500			English	
			Tishk TV	TV	DVB	3/4	27.500			Kurdish	
			BFM TV	TV	DVB	3/4	27.500			French	
			EWTN UK	TV	DVB	3/4	27.500			English	
			TV Globo Internacional Europa/África	TV	DVB	3/4	27.500	Nagravision 2/Viaccess 2.5		Portuguese	
			Le artiste divafutura	TV	DVB	3/4	27.500			Italian	
			Payam TV	TV	DVB	3/4	27.500			Arabic	
			Payam Quran	radio	DVB	3/4	27.500				
			RFI Musique Moscou	radio	DVB	3/4	27.500	Nagravision 2		Russian	
D 11.604	H	Europe	<u>Media Broadcast</u>	package	DVB	5/6	27.500				
			Xxx Action TV	TV	DVB	5/6	27.500			Arabic	
			Lebniat TV	TV	DVB	5/6	27.500			Arabic	
			Ethnic TV	TV	DVB	5/6	27.500			Czech	
			Pali	TV	DVB	5/6	27.500			Russian	
			Tele A	TV	DVB	5/6	27.500			Italian	
			TV Capital	TV	DVB	5/6	27.500			Italian	
			Gay Free TV	TV	DVB	5/6	27.500			Arabic	
			Italiamia Sat	TV	DVB	5/6	27.500			Italian	
			Erde & Mensch	TV	DVB	5/6	27.500			German	
			Arab Babes	TV	DVB	5/6	27.500			Arabic	
			Al-Jameela TV	TV	DVB	5/6	27.500			Arabic	
			Nisa 2 18+	TV	DVB	5/6	27.500			Arabic	
			ASO Sat	TV	DVB	5/6	27.500			Kurdish	
			7 armanat Nar	TV	DVB	5/6	27.500			Arabic	
			121 India	TV	DVB	5/6	27.500			Arabic	
			Love TV	TV	DVB	5/6	27.500			Arabic	
			Arab-Jins TV	TV	DVB	5/6	27.500			Arabic	
			Sexty9 Arab	TV	DVB	5/6	27.500			Arabic	
			Hot Arab	TV	DVB	5/6	27.500			Arabic	
Arab 69	TV	DVB	5/6	27.500			Arabic				
DW-TV Arabia	TV	DVB	5/6	27.500			Arabic				

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text	Access	Lang.
				Digital	FEC	MHz	MSy/s		
D 11.623	V	Europe	DW-TV Europe	TV	DVB	5/6	Y 27.500		
			Napoli TLA	TV	DVB	5/6	27.500		Italian
			RTL 2 Schweiz	TV	DVB	5/6	Y 27.500		German
			Das Erste	TV	DVB	5/6	Y 27.500		German
			Allaj TV	TV	DVB	5/6	27.500		Arabic
			Arab XXX	TV	DVB	5/6	27.500		Arabic
			Radio Nederland Wereldomroep	radio	DVB	5/6	27.500		
			DW-Radio 1	radio	DVB	5/6	27.500		German
			RNW 4	radio	DVB	5/6	27.500		
			China Radio International	radio	DVB	5/6	27.500		
			DW-Radio M	radio	DVB	5/6	27.500		
			DW-Radio 3	radio	DVB	5/6	27.500		
			DW-Radio 9	radio	DVB	5/6	27.500		
			DW-Radio 8	radio	DVB	5/6	27.500		
			DW-Radio 6	radio	DVB	5/6	27.500		
			DW-Radio 5	radio	DVB	5/6	27.500		
			DW-Radio 4	radio	DVB	5/6	27.500		
			DW-Radio 2	radio	DVB	5/6	27.500		English
			GlobeCast	package	DVB	3/4	27.500		
			TVR International	TV	DVB	3/4	Y 27.500		Romanian
			Carisma	TV	DVB	3/4	27.500		Italian
			Sexy Sat TV 2	TV	DVB	3/4	27.500		
			K+	TV	DVB	3/4	27.500		Russian
			4U India	TV	DVB	3/4	27.500		
			El Hob TV	TV	DVB	3/4	27.500		
			Al Love	TV	DVB	3/4	27.500		
			Beur TV	TV	DVB	3/4	27.500		French
			ItaliaSat	TV	DVB	3/4	27.500		Italian
			Italia Channel	TV	DVB	3/4	27.500		Italian
			Dan Tamil Oli	TV	DVB	3/4	27.500		Tamil
			RTL 102.5 RadioVisione	TV	DVB	3/4	27.500		Italian
			ARTE Français	TV	DVB	3/4	Y 27.500		French,German
			Pianeta TV	TV	DVB	3/4	27.500		Italian
			Cee (I) TV	TV	DVB	3/4	27.500		Tamil
			Telepiù	TV	DVB	3/4	27.500		Italian
			KBS World	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5	Korean
			Abu Dhabi Al Riyadiya 1	TV	DVB	3/4	27.500		Arabic
			Tamil Alai	radio	DVB	3/4	27.500		Tamil
			RadioClassica	radio	DVB	3/4	27.500		Italian
			Radio România International	radio	DVB	3/4	27.500		
			România în direct	radio	DVB	3/4	27.500		Romanian
			RTL 102.5 Classic	radio	DVB	3/4	27.500		Italian
			RTL 102.5 Radio Guardia Costiera	radio	DVB	3/4	27.500		Italian
RTL 102.5 Italian Style	radio	DVB	3/4	27.500		Italian			
RTL 102.5 FM	radio	DVB	3/4	27.500		Italian			
ARTE Radio	radio	DVB	3/4	27.500		French			
RTL 102.5 Groove	radio	DVB	3/4	27.500		Italian			
Bloomberg TV	package	DVB	3/4	27.500					
ERT World	TV	DVB	3/4	Y 27.500		Greek			
Sat 7 Pars	TV	DVB	3/4	27.500		Farsi			
KNN Channel	TV	DVB	3/4	27.500		Kurdish			
Jewels La Sorgente 1	TV	DVB	3/4	27.500		Italian			
Noello Sat	TV	DVB	3/4	27.500		Italian			
Miracle	TV	DVB	3/4	27.500		Arabic			
Bloomberg TV Europe	TV	DVB	3/4	27.500		English			
Al Rasheed TV	TV	DVB	3/4	27.500		Arabic			
Live Channel	TV	DVB	3/4	27.500		Farsi			
Passione Pesca	TV	DVB	3/4	27.500		Italian			
LoveWorld Sat	TV	DVB	3/4	27.500		English			
Jewels La Sorgente 2	TV	DVB	3/4	27.500		Italian			
Deytero 103.7	radio	DVB	3/4	27.500		Greek			
Radio Marija	radio	DVB	3/4	27.500		Croatian			
Voice of Greece	radio	DVB	3/4	27.500		Greek			
ERA Spor 101.8	radio	DVB	3/4	27.500		Greek			
Trito Programma	radio	DVB	3/4	27.500		Greek			
NET 105.8	radio	DVB	3/4	27.500		Greek			
Radio Zamaneh	radio	DVB	3/4	27.500		Farsi			
Radio Koprivnica	radio	DVB	3/4	27.500		Croatian			
Radio Eviva	radio	DVB	3/4	27.500		German			
Radio Mir Medjugorje	radio	DVB	3/4	27.500		Croatian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.				
				Digital	FEC								
D 11.662	V	Europe	Al Rasheed FM	radio	DVB	3/4	27.500		Arabic				
			Telespazio	package	DVB	3/4	27.500						
			Punto Sat 1	TV	DVB	3/4	27.500			Italian			
			Conto TV promo	TV	DVB	3/4	27.500			Italian			
			Roma Sat	TV	DVB	3/4	27.500			Italian			
			Link promo	TV	DVB	3/4	27.500			Italian			
			TV 7 Lombardia	TV	DVB	3/4	27.500			Italian			
			Canale Italia	TV	DVB	3/4	27.500			Italian			
			Nostradamus	TV	DVB	3/4	27.500			Italian			
			Conto TV 4	TV	DVB	3/4	27.500	Conax/Videoguard		Italian			
			Conto TV 3	TV	DVB	3/4	27.500	Conax/Videoguard		Italian			
			Blu	TV	DVB	3/4	27.500			Italian			
			TR 2 Sat	TV	DVB	3/4	27.500			Italian			
			Italy Sat	TV	DVB	3/4	27.500			Italian			
			Rolsat	TV	DVB	3/4	27.500			Italian			
			Extra 3	TV	DVB	3/4	27.500			Greek			
			Libera	TV	DVB	3/4	27.500			Italian			
			Sport Channel	TV	DVB	3/4	27.500			Italian			
			GoldShop	TV	DVB	3/4	27.500			Italian			
			Telecolore	TV	DVB	3/4	27.500			Italian			
			Canale 8 Sat	TV	DVB	3/4	27.500			Italian			
			Telecolor Sat	TV	DVB	3/4	27.500			Italian			
			Napoli Mia	TV	DVB	3/4	27.500			Italian			
			AB Channel	TV	DVB	3/4	27.500			Italian			
			Conto TV 1	TV	DVB	3/4	27.500	Conax/Videoguard		Italian			
			Conto TV 2	TV	DVB	3/4	27.500	Conax/Videoguard		Italian			
D 11.681	H	Europe	Bis	package	DVB	3/4	27.500	Cryptoworks/Mediaguard 2/Viaccess 2.5/Viaccess 3.0					
			Toute l'Histoire	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French				
			BFM TV	TV	DVB	3/4	27.500		French				
			LCP	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French				
			France Ô	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French				
			France 5	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French				
			RTL 9	TV	DVB	3/4	Y 27.500	Cryptoworks/Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French				
			Encyclo	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French				
			Mangas	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French				
			NT1	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French				
			Escapes	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French				
			TF 1	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French				
			XXL	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French				
			Chasse & Pêche	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French				
			Animaux	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French				
			AB Moteurs	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French				
			AB 1	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French				
			Action	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French				
			D 11.727	V	Europe	TSA	package	DVB	3/4	27.500			
						DM Digital Euro	TV	DVB	3/4	27.500			
						Canal 24 Horas	TV	DVB	3/4	Y 27.500			Spanish
						BBC Arabic	TV	DVB	3/4	27.500			Arabic
						Satisfaction Privé	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.6		Italian
						Satisfaction Top	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.6		Italian
						Teleitalia Plus	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.6/Videoguard		Italian
						Satisfaction Plus	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.6		Italian
Satisfaction TV	TV	DVB				3/4	27.500	Conax/Irdeto 2/Viaccess 2.6		Italian			
Tak TV	TV	DVB				3/4	27.500			English			
AVA Music Channel	TV	DVB				3/4	27.500			Farsi			
Teleitalia	TV	DVB				3/4	27.500	Conax/Irdeto 2/Viaccess 2.6/Videoguard		Italian			
TVE Internacional Europe	TV	DVB				3/4	Y 27.500			Spanish			
Satisfaction Golden Girls	TV	DVB				3/4	27.500	Conax/Irdeto 2/Viaccess 2.6		Italian			
BBC World Service Arabic	radio	DVB				3/4	27.500			Arabic			
BBC World Service Russian	radio	DVB				3/4	27.500			Russian			
BBC World Service English Europe	radio	DVB				3/4	27.500			English			
BBC World Service Romanian	radio	DVB				3/4	27.500			Romanian			
BBC World Service Balkan	radio	DVB				3/4	27.500						
BBC World Service Turkish	radio	DVB				3/4	27.500			Turkish			
BBC World Service Ukrainian	radio	DVB				3/4	27.500			Ukrainian			
BBC World Service Persian	radio	DVB				3/4	27.500			Farsi			
BBC World Service Albanian	radio	DVB				3/4	27.500			Albanian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 11.747	H	Europe	BBC World Service English News	radio	DVB	3/4	27.500		English			
			BBC World Service English Middle East	radio	DVB	3/4	27.500		English			
			Radio Exterior de España	radio	DVB	3/4	27.500					
			RNE Radio 5	radio	DVB	3/4	27.500		Spanish			
			RNE Radio 3	radio	DVB	3/4	27.500		Spanish			
			RNE Radio Clásica	radio	DVB	3/4	27.500		Spanish			
			RNE Radio Nacional	radio	DVB	3/4	27.500		Spanish			
			RNE Ràdio 4	radio	DVB	3/4	27.500		Catalan			
			BBC World Service Azeri	radio	DVB	3/4	27.500		Azerbaijan			
			<u>Du</u>	package	DVB	3/4	27.500					
			EZ Shop	TV	DVB	3/4	27.500		Arabic			
			Dubai Sports 3	TV	DVB	3/4	27.500		English,Arabic			
			Dubai TV Europe	TV	DVB	3/4	27.500		Arabic			
			MBC Maghreb Al-Arabia	TV	DVB	3/4	27.500		Arabic			
			Al Arabiya	TV	DVB	3/4	27.500		Arabic			
			Al Sharqiya TV	TV	DVB	3/4	27.500		Arabic			
			Inter TV Shop	TV	DVB	3/4	27.500		Turkish			
			Sama Dubai	TV	DVB	3/4	27.500		Arabic			
			ME Shop	TV	DVB	3/4	27.500		Arabic			
PMC	TV	DVB	3/4	27.500		Farsi						
D 11.766	V	Europe	MBC FM	radio	DVB	3/4	27.500		Arabic			
			<u>RAI</u>	package	DVB	2/3	27.500					
			Senato TV	TV	DVB	2/3	27.500		Italian			
			Rai Uno	TV	DVB	2/3	Y 27.500		Italian			
			RaiSat Extra	TV	DVB	2/3	27.500	Nagravision 3	Italian			
			Rai Scuola	TV	DVB	2/3	27.500		Italian			
			Rai Med	TV	DVB	2/3	27.500		Italian			
			Rai Tre	TV	DVB	2/3	Y 27.500		Italian			
			RaiSat Yoyo	TV	DVB	2/3	27.500	Nagravision 3	Italian			
			Rai Due	TV	DVB	2/3	Y 27.500		Italian			
			Filodiffusione 4	radio	DVB	2/3	27.500		Italian			
			Rai Notturmo Italiano	radio	DVB	2/3	27.500		Italian			
			Filodiffusione 4	radio	DVB	2/3	27.500		Italian			
			A 11.785	H	Europe	<u>Sky Italia</u>	package	DVB-S2	2/3	27.500	Videoguard	
						Sky Calcio 1	TV	DVB-S2	2/3	27.500	Videoguard	Italian
Fox Italia	TV	DVB-S2				2/3	27.500	Videoguard	Italian			
Fox Crime Italia	TV	DVB-S2				2/3	27.500	Videoguard	Italian			
National Geographic Channel HD Italia	TV	DVB-S2				2/3	27.500	Videoguard	Italian			
Sky Primafila HD 2	TV	DVB-S2				2/3	27.500	Videoguard	Italian			
Sky Calcio 2	TV	DVB-S2				2/3	27.500	Videoguard	Italian			
D 11.804	V	Europe				<u>RAI</u>	package	DVB	2/3	27.500		
			TV 2000	TV	DVB	2/3	Y 27.500		Italian			
			Rai Storia	TV	DVB	2/3	27.500		Italian			
			Camera dei Deputati	TV	DVB	2/3	27.500		Italian			
			RaiSat Prem1um	TV	DVB	2/3	27.500	Nagravision 3	Italian			
			Rai News 24	TV	DVB	2/3	27.500		Italian			
			Rai Gulp	TV	DVB	2/3	27.500		Italian			
			Rai Nettuno Sat Uno	TV	DVB	2/3	27.500		Italian			
			Rai Sport +	TV	DVB	2/3	27.500		Italian			
			Radio InBlu	radio	DVB	2/3	27.500		Italian			
			Rai Radio 3	radio	DVB	2/3	27.500		Italian			
			Rai Radio 2	radio	DVB	2/3	27.500		Italian			
			Rai Radio 1	radio	DVB	2/3	27.500		Italian			
			Filodiffusione 5	radio	DVB	2/3	27.500		Italian			
			GR Parlamento	radio	DVB	2/3	27.500		Italian			
			Isoradio	radio	DVB	2/3	27.500		Italian			
			D 11.823	H	Europe	Vatican Radio 105 FM	radio	DVB	2/3	27.500		
<u>Nova</u>	package	DVB				3/4	27.500	Irdeto 2				
Novasports 1	TV	DVB				3/4	27.500	Irdeto 2	Greek			
Disney XD Hellas	TV	DVB				3/4	27.500	Irdeto 2	Greek,English			
Alter Channel	TV	DVB				3/4	Y 27.500	Irdeto 2	Greek			
Star Channel	TV	DVB				3/4	Y 27.500	Irdeto 2	Greek			
Alpha TV	TV	DVB				3/4	Y 27.500	Irdeto 2	Greek			
Mega TV	TV	DVB				3/4	Y 27.500	Irdeto 2	Greek			
Novacinema 1	TV	DVB				3/4	27.500	Irdeto 2	Greek			
ANT 1	TV	DVB				3/4	Y 27.500	Irdeto 2	Greek			
Love Radio 97.5	radio	DVB				3/4	27.500	Irdeto 2	Greek			
Melodia FM 99.2	radio	DVB				3/4	27.500	Irdeto 2	Greek			
SKAİ 100.3 FM	radio	DVB				3/4	27.500	Irdeto 2	Greek			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.843	V	Europe	Ecclesia Radio	radio	DVB	3/4	27.500		Greek
			<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
			Sky Inside	TV	DVB	3/4	27.500		Italian
			JimJam Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Yacht & Sail Channel	TV	DVB	3/4	27.500	Videoguard	Italian
			Caccia e Pesca	TV	DVB	3/4	27.500	Videoguard	Italian
			Moto TV	TV	DVB	3/4	27.500	Videoguard	Italian
			Fox Crime Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian
			GXT	TV	DVB	3/4	27.500	Videoguard	Italian
			The History Channel Italia	TV	DVB	3/4	27.500	Videoguard	Italian
D 11.862	H	Europe	Jimmy Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
			Sky TG 24	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Meteo 24	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky TG 24 active mosaic	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky TG 24 active In primo piano	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky TG 24 active 5	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky TG 24 active Speciale	TV	DVB	3/4	27.500	Videoguard	Italian
			FX Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Current TV Italia	TV	DVB	3/4	27.500	Videoguard	Italian
D 11.881	V	Europe	SNAI Sat	TV	DVB	3/4	27.500	Videoguard	Italian
			Nat Geo Music	TV	DVB	3/4	27.500	Videoguard	Italian,English
			Sky TG 24 active Sport	TV	DVB	3/4	27.500	Videoguard	Italian
			<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
			National Geographic Channel Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Alice	TV	DVB	3/4	27.500	Videoguard	Italian
			Leonardo	TV	DVB	3/4	27.500	Videoguard	Italian
			Nuvolari	TV	DVB	3/4	27.500	Videoguard	Italian
			Marco Polo	TV	DVB	3/4	27.500	Videoguard	Italian
			Cult	TV	DVB	3/4	27.500	Videoguard	Italian
D 11.900	H	Europe	Fox Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian
			<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
			Sky Calcio 12	TV	DVB	3/4	27.500	Videoguard	Italian,English
			Sky Sport 16:9	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Cinema Classics	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 22	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Calcio 13	TV	DVB	3/4	27.500	Videoguard	Italian,English
			Sky Calcio 11	TV	DVB	3/4	27.500	Videoguard	Italian,English
			Sky Calcio 10	TV	DVB	3/4	27.500	Videoguard	Italian,English
			Sky Calcio 9	TV	DVB	3/4	27.500	Videoguard	Italian,English
D 11.919	V	Europe	Sky Primafila 17	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 8	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 21	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 3	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 16	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Calcio 8	TV	DVB	3/4	27.500	Videoguard	Italian,English
			<u>Mediaset</u>	package	DVB	2/3	27.500		
			Boing	TV	DVB	2/3	27.500	Mediaguard 2/Nagravision 3	Italian
			Italia 1	TV	DVB	2/3	Y 27.500		Italian
			Canale 5	TV	DVB	2/3	Y 27.500	Mediaguard 2/Nagravision 3	Italian
D 11.938	H	Europe	Rete 4	TV	DVB	2/3	Y 27.500		Italian
			Canale 5	TV	DVB	2/3	Y 27.500		Italian
			Iris	TV	DVB	2/3	27.500	Mediaguard 2/Nagravision 3	Italian
			Radio Mater	radio	DVB	2/3	27.500		Italian
			<u>Nova</u>	package	DVB	3/4	27.500	Irdeto 2	
			E! EMEA	TV	DVB	3/4	27.500	Irdeto 2	English
			Chasse & Pêche	TV	DVB	3/4	27.500	Irdeto 2	French
			Nova promo	TV	DVB	3/4	27.500		Greek
			Boomerang Europe	TV	DVB	3/4	27.500	Irdeto 2	English,Greek
			Lumiere TV	TV	DVB	3/4	27.500	Irdeto 2	English,Greek
D 11.938	H	Europe	Alfa TV	TV	DVB	3/4	27.500	Irdeto 2	English,Greek
			Novasports Highlights	TV	DVB	3/4	27.500	Irdeto 2	Greek
			Novasports 4	TV	DVB	3/4	27.500	Irdeto 2	Greek
			Novacinema 3	TV	DVB	3/4	27.500	Irdeto 2	Greek
			Private Spice	TV	DVB	3/4	27.500	Irdeto 2	English
			The History Channel South Africa	TV	DVB	3/4	27.500	Irdeto 2	English
			Novasports 6	TV	DVB	3/4	27.500	Irdeto 2	Greek
			Playboy TV	TV	DVB	3/4	27.500	Irdeto 2	English
			Mad Radio 106.2	radio	DVB	3/4	27.500	Irdeto 2	Greek
			Nova games	interacti	DVB	3/4	27.500	Irdeto 2	

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 11.958	V	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard				
			Sky Sport 2	TV	DVB	3/4	27.500	Videoguard	Italian			
			Discovery Channel Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Sport 24	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Sport Active 3	TV	DVB	3/4	27.500	Videoguard	Italian			
			Toon Disney Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Sport Active 2	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky SuperCalcio	TV	DVB	3/4	27.500	Videoguard	Italian,English			
			Sky Sport 1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Sport Active 1	TV	DVB	3/4	27.500	Videoguard	Italian			
D 11.977	H	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard				
			Fox Life Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			National Geographic Channel Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Nat Geo Wild Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Fox Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Zone Fantasy	TV	DVB	3/4	27.500	Videoguard	Italian			
			Fox Crime Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Cartoon Network Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Disney XD Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			The History Channel Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Nat Geo Adventure	TV	DVB	3/4	27.500	Videoguard	Italian			
			A 11.996	V	Europe	<u>Sky Italia</u>	package	DVB-S2	2/3	27.500	Videoguard	
						Sky Sport 2	TV	DVB-S2	2/3	27.500	Videoguard	Italian
Sky Sport 3	TV	DVB-S2				2/3	27.500	Videoguard	Italian			
Sky Sport 1	TV	DVB-S2				2/3	27.500	Videoguard	Italian			
Sky Focus	TV	DVB-S2				2/3	27.500	Videoguard	Italian			
Sky SuperCalcio	TV	DVB-S2				2/3	27.500	Videoguard	Italian			
D 12.015	H	Europe	<u>Arabesque</u>	package	DVB	3/4	27.500	Viaccess 2.5				
			ART Cinema	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic			
			ART Sports 1	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic,English			
			ART Sports 4	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic,English			
			ART Sports 2	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic,English			
			ART Hekayat	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic			
			ART Hekayat Kaman	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic			
			Iqraa	TV	DVB	3/4	27.500		Arabic			
			ART Prime Sport	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic			
			LBC Europe	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic			
			ART Sports 6	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic			
			ART Sports 3	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic,English			
			ART Movie 2	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic			
			ART Movie 1	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic			
			ART Sports 5	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic			
			Future News	TV	DVB	3/4	27.500		Arabic			
			ART Al-Thekr	radio	DVB	3/4	27.500		Arabic			
			Radio Quran	radio	DVB	3/4	27.500		Arabic			
			Program One	radio	DVB	3/4	27.500		Arabic			
D 12.034	V	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard				
			E! Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Uno +1	TV	DVB	3/4	27.500	Videoguard	Italian			
			ESPN America Europe	TV	DVB	3/4	27.500	Videoguard	English			
			Sky Cinema Max	TV	DVB	3/4	27.500	Videoguard	Italian			
			Disney Channel Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Playhouse Disney Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Cinema Family	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Cinema 1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Cinema Mania	TV	DVB	3/4	27.500	Videoguard	Italian			
D 12.054	H	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard				
			Sky Cinema Hits	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Uno	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Sport Extra	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Cinema +1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Calcio 14	TV	DVB	3/4	27.500	Videoguard	Italian,English			
			Sky Calcio 15	TV	DVB	3/4	27.500	Videoguard	Italian,English			
			Sky Sport 3	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Calcio 1	TV	DVB	3/4	27.500	Videoguard	Italian,English			
			D 12.073	V	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
Sky Primafila 30	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Calcio 7	TV	DVB				3/4	27.500	Videoguard	Italian,English			
Sky Calcio 6	TV	DVB				3/4	27.500	Videoguard	Italian,English			
Sky Calcio 5	TV	DVB				3/4	27.500	Videoguard	Italian,English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 12.092	H	Europe	Sky Calcio 4	TV	DVB	3/4	27.500	Videoguard	Italian,English
			Sky Calcio 2	TV	DVB	3/4	27.500	Videoguard	Italian,English
			Sky Primafila 34	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 29	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 27	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 11	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 5	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Calcio 3	TV	DVB	3/4	27.500	Videoguard	Italian,English
			<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
			Class CNBC	TV	DVB	3/4	27.500	Videoguard	Italian
			Nick Jr Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky HD promo	TV	DVB	3/4	27.500	Videoguard	Italian
			AXN Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Discovery Science Channel	TV	DVB	3/4	27.500	Videoguard	Italian
			Comedy Central Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian
			Gambero Rosso Channel	TV	DVB	3/4	27.500	Videoguard	Italian
			Discovery Travel & Living Europe	TV	DVB	3/4	27.500	Videoguard	Italian
			Fox Retro	TV	DVB	3/4	27.500	Videoguard	Italian
			Lady Channel	TV	DVB	3/4	27.500	Videoguard	Italian
			Onda Latina	TV	DVB	3/4	27.500	Videoguard	Italian
Sky Cinema Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
D 12.111	V	Europe	<u>Telespazio</u>	package	DVB	3/4	27.500		
			Bethel TV	TV	DVB	3/4	27.500		Italian
			Al Jazeera Documentary	TV	DVB	3/4	27.500		Arabic
			Al Jazeera Mobasher	TV	DVB	3/4	27.500		Arabic
			Architecture Construction Materials Channel	TV	DVB	3/4	27.500		Italian
			Al Jazeera Channel	TV	DVB	3/4	27.500		Arabic
			Radio Radio TV	TV	DVB	3/4	27.500		Italian
			Mediterraneo Sat	TV	DVB	3/4	27.500		Italian
			Telemarket 2	TV	DVB	3/4	27.500		Italian
			TeleFoggia	TV	DVB	3/4	27.500		Italian
			Challenger TV	TV	DVB	3/4	27.500		Italian
			Puglia Channel	TV	DVB	3/4	27.500		Italian
			High Life TV	TV	DVB	3/4	27.500		Italian
			Sender Neu Jerusalem	TV	DVB	3/4	27.500		German
			Radio Zeta	radio	DVB	3/4	27.500		Italian
			Radio EuroSpin	radio	DVB	3/4	27.500		Italian
			Radio Spazio Aperto	radio	DVB	3/4	27.500		Italian
			Radio Radio	radio	DVB	3/4	27.500		Italian
			Radio Padania Libera	radio	DVB	3/4	27.500		Italian
			CRC FM	radio	DVB	3/4	27.500		Italian
			Radio Padre Pio	radio	DVB	3/4	27.500		Italian
			Radio Dimensione Suono	radio	DVB	3/4	27.500		Italian
			Radio Radicale	radio	DVB	3/4	27.500		Italian
			Dimensione Suono Roma	radio	DVB	3/4	27.500		Italian
			Radio Italia Anni 60	radio	DVB	3/4	27.500		Italian
			Radio Italia	radio	DVB	3/4	27.500		Italian
			Radio Popolare	radio	DVB	3/4	27.500		Italian
Radio Maria Italia	radio	DVB	3/4	27.500		Italian			
D 12.130	H	Europe	<u>Nova</u>	package	DVB	3/4	27.500	Irdeto 2	
			Disney Channel Middle East	TV	DVB	3/4	27.500	Irdeto 2	English,Greek
			Nova promo	TV	DVB	3/4	27.500		Greek
			Fox Life Greece	TV	DVB	3/4	27.500	Irdeto 2	
D 12.149	V	Europe	Chasse & Pêche	TV	DVB	3/4	27.500	Irdeto 2	French
			<u>Antenna Hungária</u>	package	DVB	3/4	27.500		
			Studio 100 Sat	TV	DVB	3/4	27.500		Italian
			Tunisie 7	TV	DVB	3/4	Y 27.500		Arabic
			In TV	TV	DVB	3/4	27.500		Italian
			NPL Gest	TV	DVB	3/4	27.500		Italian
			Fuego TV	TV	DVB	3/4	27.500		Italian
			Ulisse	TV	DVB	3/4	27.500		Italian
			CCTV 4 Europe	TV	DVB	3/4	27.500		Chinese
			Lider TV	TV	DVB	3/4	27.500		Azerbaijan
			Salento Channel	TV	DVB	3/4	27.500		Italian
			Duna I	TV	DVB	3/4	Y 27.500		Hungarian
			Equidia	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0	French
			CaspioNet	TV	DVB	3/4	27.500		
			Radio Tunis Chaîne Inter	radio	DVB	3/4	27.500		
			Radio 6	radio	DVB	3/4	27.500		Italian
			Rete Sport	radio	DVB	3/4	27.500		Italian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.				
				Digital	FEC	MSy/s							
D 12.169	H	Europe	Ecoradio	radio	DVB	3/4	27.500			Italian			
			Radio Città Futura	radio	DVB	3/4	27.500			Italian			
			Lider Jazz Radio	radio	DVB	3/4	27.500			Azerbaijan			
			Radio Culture	radio	DVB	3/4	27.500			Arabic			
			MR 5 Parlamentí adások	radio	DVB	3/4	27.500			Hungarian			
			MR 4 Nemzetiségi adások	radio	DVB	3/4	27.500						
			MR 1 Kossuth	radio	DVB	3/4	27.500			Hungarian			
			MR 2 Petöfi	radio	DVB	3/4	27.500			Hungarian			
			Radio Tunis	radio	DVB	3/4	27.500			Arabic			
			Nova	package	DVB	3/4	27.500	Irdeto 2					
			Cartoon Network UK	TV	DVB	3/4	27.500	Irdeto 2		English			
			Novasports 7	TV	DVB	3/4	27.500	Irdeto 2		Greek			
			ET 3	TV	DVB	3/4	Y 27.500	Irdeto 2		Greek			
			Makedonia TV	TV	DVB	3/4	Y 27.500	Irdeto 2		Greek			
			NET	TV	DVB	3/4	Y 27.500	Irdeto 2		Greek			
			ET 1	TV	DVB	3/4	Y 27.500	Irdeto 2		Greek			
			Mad TV	TV	DVB	3/4	Y 27.500	Irdeto 2		Greek			
			Kanali Voulis	TV	DVB	3/4	27.500			Greek			
			TCM Europe	TV	DVB	3/4	27.500	Irdeto 2		English			
			Novasports 2	TV	DVB	3/4	27.500	Irdeto 2		Greek			
			SKAĭ Tileorasi	TV	DVB	3/4	27.500	Irdeto 2		Greek			
			Discovery Channel Europe	TV	DVB	3/4	27.500	Irdeto 2		English			
			Fox Life Greece	TV	DVB	3/4	27.500	Irdeto 2					
			Deytero 103.7	radio	DVB	3/4	27.500	Irdeto 2		Greek			
			Hits GR	radio	DVB	3/4	27.500	Irdeto 2		Greek			
			Trito Programma	radio	DVB	3/4	27.500	Irdeto 2		Greek			
			Ellinika Agapmena	radio	DVB	3/4	27.500	Irdeto 2		Greek			
			ERA Spor 101.8	radio	DVB	3/4	27.500	Irdeto 2		Greek			
			NET 105.8	radio	DVB	3/4	27.500	Irdeto 2		Greek			
			Elliniko Rok	radio	DVB	3/4	27.500	Irdeto 2		Greek			
			Lounge TV	radio	DVB	3/4	27.500	Irdeto 2		Greek			
			Rebetiko	radio	DVB	3/4	27.500	Irdeto 2		Greek			
			D 12.188	V	Europe	<u>Cyfwrowy Polsat</u>	package	DVB	3/4	27.500	Mediaguard 2/Nagravision 2/Nagravision 3		
						Extreme Sports Channel	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish
						AXN Crime	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish
						AXN Sci-Fi	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish
						TVP 2	TV	DVB	3/4	Y 27.500	Nagravision 3		Polish
						TVP 1	TV	DVB	3/4	Y 27.500	Nagravision 3		Polish
						Cinemax 2 Central Europe	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish
						ESPN Classic Europe	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish,English
AXN Polska	TV	DVB				3/4	Y 27.500	Mediaguard 2/Nagravision 3		Polish			
Disney XD Polska	TV	DVB				3/4	27.500	Mediaguard 2/Nagravision 3		Polish			
Polsat Futbol	TV	DVB				3/4	27.500	Mediaguard 2/Nagravision 3		Polish			
Fox Life Polska	TV	DVB				3/4	27.500	Mediaguard 2/Nagravision 3		Polish,English			
Zone Romantica Polska & Magyar	TV	DVB				3/4	27.500	Mediaguard 2/Nagravision 3		Polish			
Discovery Channel Polska	TV	DVB				3/4	27.500	Mediaguard 2/Nagravision 3		Polish			
D 12.207	H	Europe				<u>RRsat Global Communications Network</u>	package	DVB	3/4	27.500			
						KurdSat	TV	DVB	3/4	27.500			Kurdish
						Rojhelat TV	TV	DVB	3/4	27.500			Kurdish
						IPN TV	TV	DVB	3/4	27.500			Farsi
						Arirang World	TV	DVB	3/4	27.500			Korean
						CNL Evropa	TV	DVB	3/4	27.500			Russian
			VTV 4	TV	DVB	3/4	27.500			Vietnamese			
			BVN TV Europa	TV	DVB	3/4	27.500			Dutch			
			XXX Xtreme	TV	DVB	3/4	27.500	Conax/Nagravision 3/Viaccess 2.6		English			
			Thai TV Global Network	TV	DVB	3/4	27.500			Thai			
			KICC TV	TV	DVB	3/4	27.500			English			
			PDF Channel	TV	DVB	3/4	27.500						
			Ishtar TV	TV	DVB	3/4	27.500			Arabic			
			Iran TV Network	TV	DVB	3/4	27.500			Farsi			
			3ABN International	TV	DVB	3/4	27.500			English			
			Fashion TV Europe	TV	DVB	3/4	27.500						
			Rock Nation	radio	DVB	3/4	27.500			German			
			RNW 1	radio	DVB	3/4	27.500			Dutch			
			The Overcomer	radio	DVB	3/4	27.500			English			
			RNW 2	radio	DVB	3/4	27.500			English			
Neo Zwei	radio	DVB	3/4	27.500			German						
Voice of Vietnam	radio	DVB	3/4	27.500									
3ABN Radio	radio	DVB	3/4	27.500			English						

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.				
				Digital	FEC	MSy/s							
D 12.245	H	Europe	94 EFM	radio	DVB	3/4	27.500			Thai			
			Radio Jazz	radio	DVB	3/4	27.500						
			GlobeCast	package	DVB	3/4	27.500						
			Kurd 1	TV	DVB	3/4	27.500				Kurdish		
			House Channel	TV	DVB	3/4	27.500				Italian		
			Al Haqiqa	TV	DVB	3/4	27.500				Arabic		
			Al Baghdadia	TV	DVB	3/4	27.500				Arabic		
			Kanal 4	TV	DVB	3/4	27.500				Kurdish		
			ICC+	TV	DVB	3/4	27.500				Farsi		
			UM TV	TV	DVB	3/4	27.500				Arabic		
			Mezzo	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2/Viaccess 2.5			French		
			Alsumaria	TV	DVB	3/4	27.500				Arabic		
			Coming Soon TV	TV	DVB	3/4	27.500				Italian		
			Syria Drama	TV	DVB	3/4	27.500				Arabic		
			Zagros TV	TV	DVB	3/4	27.500				Kurdish		
			PEN TV	TV	DVB	3/4	27.500				Farsi		
			Korek	TV	DVB	3/4	27.500				Kurdish		
			Radio Zagros	radio	DVB	3/4	27.500				Kurdish		
			TRT Tamil Oli	radio	DVB	3/4	27.500				Tamil		
			Radio 2000	radio	DVB	3/4	27.500				Hebrew		
France Maghreb	radio	DVB	3/4	27.500				French					
Radio Orient	radio	DVB	3/4	27.500				Arabic					
A 12.265	V	Europe	Cyfrowy Polsat	package	DVB-S2	2/3	27.500	Conax/Mediaguard 2/Nagravision 3					
			Polsat	TV	DVB-S2	2/3	27.500	Nagravision 3		Polish			
			Polsat Sport HD	TV	DVB-S2	2/3	27.500	Nagravision 3		Polish			
			Discovery HD Europe	TV	DVB-S2	2/3	27.500	Nagravision 3		Polish			
D 12.284	H	Europe	HBO Polska	TV	DVB-S2	2/3	Y 27.500	Conax/Mediaguard 2/Nagravision 3		Polish			
			Cyfrowy Polsat	package	DVB	3/4	27.500	Mediaguard 2/Nagravision 3					
			Jetix Play	TV	DVB	3/4	27.500	Nagravision 3		Polish			
			JimJam Europe	TV	DVB	3/4	27.500	Nagravision 3		Polish			
			TV 1000 Polska	TV	DVB	3/4	27.500	Nagravision 3		Polish			
			Blue Hustler Europe	TV	DVB	3/4	27.500	Nagravision 3		English			
			Travel Channel	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish,English,Russian			
			Boomerang Europe	TV	DVB	3/4	27.500	Nagravision 3		Polish,English			
			Zone Europa	TV	DVB	3/4	27.500	Nagravision 3		Polish,Hungarian			
			Polsat Film	TV	DVB	3/4	27.500	Nagravision 3		Polish			
			Superstacja	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish			
			TVP Info	TV	DVB	3/4	27.500	Nagravision 3		Polish			
			TVP Sport	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish			
			E! EMEA	TV	DVB	3/4	27.500	Nagravision 3		Polish			
			Cyfrowy Polsat promo	TV	DVB	3/4	27.500	Nagravision 3		Polish			
			Polskie Radio Jedylnka	radio	DVB	3/4	27.500	Nagravision 3		Polish			
			Planeta FM	radio	DVB	3/4	27.500			Polish			
			RMF Maxxx	radio	DVB	3/4	27.500			Polish			
			RMF FM	radio	DVB	3/4	27.500	Nagravision 3		Polish			
			Radio Zlote Przeboje	radio	DVB	3/4	27.500			Polish			
			Polskie Radio Trójka	radio	DVB	3/4	27.500	Nagravision 3		Polish			
			RMF Classic	radio	DVB	3/4	27.500			Polish			
			Radio PIN	radio	DVB	3/4	27.500			Polish			
			Radio Zet	radio	DVB	3/4	27.500			Polish			
			TV Banking	interacti	DVB	3/4	27.500						
			Pogoda	interacti	DVB	3/4	27.500						
			Portal ITV	interacti	DVB	3/4	27.500						
			D 12.303	V	Europe	RTV Slovenija	package	DVB	3/4	27.500			
						TV Slovenija 3	TV	DVB	3/4	Y 27.500			Slovenian
						TV Silesia	TV	DVB	3/4	Y 27.500			Polish
						TV Koper	TV	DVB	3/4	27.500			Italian
						TV Slovenija 2	TV	DVB	3/4	Y 27.500			Slovenian
						TV Slovenija 1	TV	DVB	3/4	Y 27.500			Slovenian
Ishtar TV	TV	DVB				3/4	27.500			Arabic			
Ra Slo 1	radio	DVB				3/4	27.500			Slovenian			
Val 202	radio	DVB				3/4	27.500			Slovenian			
Radio Ars	radio	DVB				3/4	27.500			Slovenian			
Radio Slovenia International	radio	DVB				3/4	27.500						
Radio Capodistria	radio	DVB				3/4	27.500			Italian			
D 12.322	H	Europe				Eutelsat	package	DVB	3/4	27.500	Conax/Mediaguard 2/Viaccess 2.5/Viaccess 2.6/Videoguard		
						Nashe Lubimoe Kino	TV	DVB	3/4	27.500	Conax/Viaccess 2.5/Viaccess 2.6/Videoguard		Russian
			Eurosport 2 FA Premier League	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 2.6/Viaccess 3.0		Romanian,Hungarian			
K2	TV	DVB	3/4	27.500			Italian						

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			France 24 Arabe	TV	DVB	3/4	27.500		Arabic
			Sci Fi Channel Polska	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Viaccess 2.5/Viaccess 2.6	Polish,Romanian
			Universal Channel Polska	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Viaccess 2.5/Viaccess 2.6	Polish,Romanian
			World Fashion Channel International	TV	DVB	3/4	27.500		English
			TeleKlub	TV	DVB	3/4	27.500	Conax/Viaccess 2.5/Viaccess 2.6	Russian
			Detski Mir	TV	DVB	3/4	27.500	Conax/Viaccess 2.5/Viaccess 2.6	Russian
			RTV International Europe	TV	DVB	3/4	27.500	Conax/Viaccess 2.5/Viaccess 2.6/Videoguard	Russian
			Rede Internacional de TV	TV	DVB	3/4	27.500		Portuguese
			RTVI Info	TV	DVB	3/4	27.500		Russian
			Radio Svet Plus	radio	DVB	3/4	27.500		Serbian
			Radio Posavina	radio	DVB	3/4	27.500		Croatian
			Radio Azadegan	radio	DVB	3/4	27.500		
			Radio Dija	radio	DVB	3/4	27.500		Arabic
			Megaradio	radio	DVB	3/4	27.500		Serbian
			Tref Radio	radio	DVB	3/4	27.500		Serbian
			Radio Srna Bosanka	radio	DVB	3/4	27.500		Bosnian
			Radio Lijepa Nasa	radio	DVB	3/4	27.500		Croatian
			Bobar Radio	radio	DVB	3/4	27.500		
			Peiraiiki Ekklesia 91.2 FM	radio	DVB	3/4	27.500		Greek
A 12.341	V	Europe	<u>Sky Italia</u>	package	DVB-S2	2/3	27.500	Videoguard	
			Sky Cinema Max	TV	DVB-S2	2/3	27.500	Videoguard	Italian
			Sky Primafila HD 1	TV	DVB-S2	2/3	27.500	Videoguard	Italian
			Discovery Channel Italia	TV	DVB-S2	2/3	27.500	Videoguard	Italian
			Sky Cinema 1	TV	DVB-S2	2/3	27.500	Videoguard	Italian
			Sky Cinema Hits	TV	DVB-S2	2/3	27.500	Videoguard	Italian
D 12.360	H	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.5/Viaccess 3.0	
			SOS Premium 1	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.5/Viaccess 3.0	English
			Rai Italia 3 Africa	TV	DVB	3/4	27.500	Viaccess 2.5	Italian
			Mare TV	TV	DVB	3/4	27.500		Italian
			Diprè Art Channel	TV	DVB	3/4	27.500		Italian
			Mondo Shop	TV	DVB	3/4	27.500		Italian
			Theme X Hardcore	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.5/Viaccess 3.0	
			SOS Premium 2	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.5/Viaccess 3.0	English
			Theme X Info	TV	DVB	3/4	27.500		
			Theme X Info	TV	DVB	3/4	27.500		
			Theme X Trans	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.5/Viaccess 3.0	
			Theme X Interracial	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.5/Viaccess 3.0	
			Theme X Catch	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.5/Viaccess 3.0	
			Theme X Peep	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.5/Viaccess 3.0	
			Theme X 18	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.5/Viaccess 3.0	
			Theme X Groups	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.5/Viaccess 3.0	
			Theme X Fetish	TV	DVB	3/4	27.500	Conax/Irdeto 2/Viaccess 2.5/Viaccess 3.0	
D 12.380	V	Europe	Hot Chili promo	TV	DVB	3/4	27.500		Italian
			<u>GlobeCast</u>	package	DVB	3/4	27.500		
			Abu Dhabi Al Oula Europe	TV	DVB	3/4	27.500		Arabic
			Spirit Word	TV	DVB	3/4	27.500		English
			KSA 2	TV	DVB	3/4	27.500		English
			Al-Zahra TV	TV	DVB	3/4	27.500		Arabic
			Yemen TV	TV	DVB	3/4	27.500		Arabic
			Equidia Pro 3	TV	DVB	3/4	27.500	Mediaguard 2	French
			Sat 7 Arabic	TV	DVB	3/4	27.500		Arabic
			Syria Satellite Channel	TV	DVB	3/4	27.500		Arabic
			Holy God	TV	DVB	3/4	27.500		Tamil
			Equidia Pro 1	TV	DVB	3/4	27.500		French
			Telepace	TV	DVB	3/4	27.500		Italian
			TVCG Sat	TV	DVB	3/4	27.500		Serbian
			Emarat FM	radio	DVB	3/4	27.500		Arabic
			El-Bernameg Al-Aam	radio	DVB	3/4	27.500		Arabic
			Radio CG 1	radio	DVB	3/4	27.500		Serbian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 12.399	H	Europe	RFI Français	radio	DVB	3/4	27.500		French			
			Radio Maria France	radio	DVB	3/4	27.500		French			
			Radio Sout Al-Shbab	radio	DVB	3/4	27.500		Arabic			
			Program Two	radio	DVB	3/4	27.500		Arabic			
			Radio Sout Al-Sha'ab	radio	DVB	3/4	27.500		Arabic			
			Radio Vaticana Telepace	radio	DVB	3/4	27.500					
			Aden Radio	radio	DVB	3/4	27.500		Arabic			
			Sana'a Radio	radio	DVB	3/4	27.500		Arabic			
			European Broadcast	radio	DVB	3/4	27.500					
			SRG SSR	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 4.0				
			SF info	TV	DVB	3/4	Y 27.500		German			
			SF 1	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	German			
			HD Suisse	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 4.0	German,French,Italian,English			
			SF Zwei	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	German			
			Radio Rumantsch	radio	DVB	3/4	27.500		Romany			
			Radio Swiss Jazz	radio	DVB	3/4	27.500		German			
			Radio Swiss Pop	radio	DVB	3/4	27.500		German			
			DRS 4 News	radio	DVB	3/4	27.500		German			
			Radio Swiss Classic	radio	DVB	3/4	27.500		German			
			Virus	radio	DVB	3/4	27.500		German			
DRS 3	radio	DVB	3/4	27.500		German						
DRS 1	radio	DVB	3/4	27.500		German						
DRS 2	radio	DVB	3/4	27.500		German						
DRS Musikwelle	radio	DVB	3/4	27.500		German						
D 12.418	V	Europe	Sky Italia	package	DVB	3/4	27.500	Videoguard				
			Sky Primafila 1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 2	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila promo	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 34	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 10	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 12	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 6	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 7	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 9	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 4	TV	DVB	3/4	27.500	Videoguard	Italian			
			D 12.437	H	Europe	IRIB	package	DVB	3/4	27.500		
						Jame-Jam TV Network 2	TV	DVB	3/4	27.500		Farsi,English
Sahar TV	TV	DVB				3/4	27.500					
Alalam News Channel	TV	DVB				3/4	27.500		Arabic			
Press TV	TV	DVB				3/4	27.500		English			
Alkawthar TV	TV	DVB				3/4	27.500		Arabic			
IRINN	TV	DVB				3/4	27.500		Farsi			
IRIB Quran	TV	DVB				3/4	27.500		Farsi			
Jame-Jam TV Network 1	TV	DVB				3/4	27.500		Farsi,English			
IRIB World Service Radio 5	radio	DVB				3/4	27.500					
IRIB World Service Radio 2	radio	DVB				3/4	27.500					
IRIB World Service Radio 4	radio	DVB				3/4	27.500					
IRIB Radio 1	radio	DVB				3/4	27.500		Farsi			
IRIB World Service Radio 3	radio	DVB				3/4	27.500					
IRIB World Service Radio 6	radio	DVB				3/4	27.500					
Sedaye Ashena	radio	DVB				3/4	27.500		Farsi			
IRIB World Service Radio 1	radio	DVB				3/4	27.500					
Radio Quran	radio	DVB	3/4	27.500		Farsi						
IRIB World Service Radio 2	radio	DVB	3/4	27.500								
IRIB World Service Radio 1	radio	DVB	3/4	27.500								
Radio Maaref	radio	DVB	3/4	27.500		Farsi						
D 12.466	V	Europe	Sky Italia	package	DVB	3/4	29.900	Videoguard				
			Sky HD promo	TV	DVB	3/4	29.900	Videoguard	Italian			
			Pesca e Caccia	TV	DVB	3/4	29.900	Videoguard	Italian			
			Lei TV	TV	DVB	3/4	29.900	Videoguard	Italian			
			Boomerang Italia +1	TV	DVB	3/4	29.900	Videoguard	Italian			
			Cooltoon	TV	DVB	3/4	29.900	Videoguard	Italian			
			Fox News Channel	TV	DVB	3/4	29.900	Videoguard	English			
			Sky News International	TV	DVB	3/4	29.900	Videoguard	English			
			CNBC Europe	TV	DVB	3/4	29.900	Videoguard	English			
			Roma Channel	TV	DVB	3/4	29.900	Videoguard	Italian			
			The MGM Channel Italia	TV	DVB	3/4	29.900	Videoguard	Italian			
			Cartoon Network Italia +1	TV	DVB	3/4	29.900	Videoguard	Italian			
			Disney XD Italia +1	TV	DVB	3/4	29.900	Videoguard	Italian			
			Boomerang Italia	TV	DVB	3/4	29.900	Videoguard	Italian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 12.476	H	Europe	Hallmark Channel Italy	TV	DVB	3/4	29.900	Videoguard	Italian			
			<u>Orange Polska</u>	package	DVB-S2	3/4	27.500	Viaccess 3.0				
			Mezzo	TV	DVB-S2	3/4	27.500	Viaccess 3.0	French			
			Comedy Central Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			Discovery Channel Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0				
			Travel Channel	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			Universal Channel Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			Sci Fi Channel Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			Nickelodeon Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			MTV Dance	TV	DVB-S2	3/4	27.500	Viaccess 3.0	English			
			Discovery Science Channel Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			Extreme Sports Channel	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			Eurosport 2	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			Eurosport	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Russian			
			Discovery World Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			Boomerang Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			Discovery Travel & Living Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Italian			
			KidsCo East Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			Nat Geo Wild Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	English			
			AXN Crime Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			AXN Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			MTV Two	TV	DVB-S2	3/4	27.500	Viaccess 3.0	English			
			AXN Sci-Fi Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
D 12.520	V	Europe	<u>QIv</u>	package	DVB	3/4	27.500	Viaccess 2.5				
			Jewels La Sorgente 3	TV	DVB	3/4	27.500		Italian			
			Noello Sat	TV	DVB	3/4	27.500		Italian			
			Jewels La Sorgente 2	TV	DVB	3/4	27.500		Italian			
			Jewels La Sorgente 1	TV	DVB	3/4	27.500		Italian			
			Ishtar TV	TV	DVB	3/4	27.500		Arabic			
			Passione Pesca	TV	DVB	3/4	27.500		Italian			
			LoveWorld Sat	TV	DVB	3/4	27.500		English			
			HRT Satelitski Program	TV	DVB	3/4	Y 27.500	Viaccess 2.5/Viaccess 3.0	Croatian			
			HRT 1	TV	DVB	3/4	Y 27.500		Croatian			
			HRT Plus	TV	DVB	3/4	Y 27.500	Viaccess 2.5/Viaccess 3.0	Croatian			
			HRT 2	TV	DVB	3/4	Y 27.500	Viaccess 2.5/Viaccess 3.0	Croatian			
			RBK TV	TV	DVB	3/4	27.500		Russian			
			Wewell Channel promo	TV	DVB	3/4	27.500		Italian			
			Antena Zagreb	radio	DVB	3/4	27.500		Croatian			
			Glas Hrvatske	radio	DVB	3/4	27.500		Croatian			
			HR Treci program	radio	DVB	3/4	27.500		Croatian			
			HR Drugi program	radio	DVB	3/4	27.500		Croatian			
			HR Prvi program	radio	DVB	3/4	27.500		Croatian			
			HR Radio Pula	radio	DVB	3/4	27.500		Croatian			
			Narodni Radio	radio	DVB	3/4	27.500		Croatian			
			Mediaservis	radio	DVB	3/4	27.500		Croatian			
			Radio Mir Medjugorje	radio	DVB	3/4	27.500		Croatian			
			Radio Koprivnica	radio	DVB	3/4	27.500		Croatian			
			Hrvatski Katolicki Radio	radio	DVB	3/4	27.500		Croatian			
			Otvoreni Radio	radio	DVB	3/4	27.500		Croatian			
			Radio Marija	radio	DVB	3/4	27.500		Croatian			
			Radio Banovina	radio	DVB	3/4	27.500		Croatian			
			D 12.539	H	Europe	<u>Eutelsat Skyplex</u>	package	DVB	3/4	27.500		
						Administra.it	TV	DVB	3/4	27.500		Italian
						Direct 8	TV	DVB	3/4	27.500		French
						TV 8 Mont Blanc	TV	DVB	3/4	27.500		French
						Blu TV	TV	DVB	3/4	27.500		Italian
MilanoSat	TV	DVB				3/4	27.500		Italian			
Carpe Diem	TV	DVB				3/4	27.500		Italian			
TVA Vicenza	TV	DVB				3/4	27.500		Italian			
Thalitha TV	TV	DVB				3/4	27.500		Arabic			
Canal Algérie	TV	DVB				3/4	27.500		Arabic			
Al Nile	TV	DVB				3/4	27.500		Arabic			
Nile TV International	TV	DVB				3/4	27.500					
Mediolanum Channel	TV	DVB				3/4	Y 27.500		Italian			
ReteSette	TV	DVB				3/4	27.500		Italian			
International Radio	radio	DVB				3/4	27.500					
Chaîne 2	radio	DVB				3/4	27.500		Arabic			
Chaîne 1	radio	DVB				3/4	27.500		Arabic			
D 12.558	V	Europe	<u>Eutelsat Skyplex</u>	package	DVB	3/4	27.500					

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 12.577	H	Europe	Al Jazeera Children's Channel	TV	DVB	3/4	27.500		Arabic			
			Baraem	TV	DVB	3/4	27.500		Arabic			
			<u>Orange</u>	package	DVB-S2	2/3	27.500	Viaccess 3.0				
			Orange cinemax	TV	DVB-S2	2/3	27.500	Viaccess 3.0		French		
			Orange cinemax	TV	DVB-S2	2/3	27.500	Viaccess 3.0		French		
			Orange cinehappy	TV	DVB-S2	2/3	27.500	Viaccess 3.0		French		
			Orange cinechoc	TV	DVB-S2	2/3	27.500	Viaccess 3.0		French		
			Orange cinenovo	TV	DVB-S2	2/3	27.500	Viaccess 3.0		French		
			Orange cinegeants	TV	DVB-S2	2/3	27.500	Viaccess 3.0		French		
			M6	TV	DVB-S2	2/3	27.500	Viaccess 3.0		French		
			Canal + France	TV	DVB-S2	2/3	27.500	Viaccess 3.0		French		
			↳Télé	TV	DVB-S2	2/3	27.500	Viaccess 3.0		French		
			Orange sport	TV	DVB-S2	2/3	27.500	Viaccess 3.0		French		
			Orange sport	TV	DVB-S2	2/3	27.500	Viaccess 3.0		French		
D 12.597	V	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500					
			Perviy kanal Europa	TV	DVB	3/4	27.500		Russian			
			ACQ-KBN	TV	DVB	3/4	27.500		English			
			EuroNews	TV	DVB	3/4	Y 27.500		French,English,German,Italian,Spanish,Portuguese,Russian,Arabic			
			JSTV 2	TV	DVB	3/4	27.500	Cryptoworks		Japanese		
			CNN International Europe	TV	DVB	3/4	27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0		English		
			BBC World News	TV	DVB	3/4	Y 27.500		English			
			Armenia 1 TV	TV	DVB	3/4	27.500		Armenian			
			JSTV 1	TV	DVB	3/4	27.500	Cryptoworks		Japanese,English		
			WRN Russkij	radio	DVB	3/4	27.500		Russian			
			IBC Tamil Radio	radio	DVB	3/4	27.500		Tamil			
			CVC The Voice Asia	radio	DVB	3/4	27.500		Hindi			
			Radio Sedaye Iran	radio	DVB	3/4	27.500		Farsi			
			RTÉ Radio 1	radio	DVB	3/4	27.500		English			
			RCI 1	radio	DVB	3/4	27.500		English			
			RCI 2	radio	DVB	3/4	27.500		French			
			RCI 3	radio	DVB	3/4	27.500					
			WRN Français	radio	DVB	3/4	27.500		French			
			WRN Deutsch	radio	DVB	3/4	27.500		German			
			WRN English Europe	radio	DVB	3/4	27.500		English			
			Family Radio International 1	radio	DVB	3/4	27.500					
			WRN Moscow AM	radio	DVB	3/4	27.500					
			National Prison Radio Network	radio	DVB	3/4	27.500		English			
			CNN Radio	radio	DVB	3/4	27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0		English		
			Radio Japan	radio	DVB	3/4	27.500					
			Public Radio of Armenia	radio	DVB	3/4	27.500		Armenian			
			Family Radio International 2	radio	DVB	3/4	27.500					
			Adventist World Radio	radio	DVB	3/4	27.500					
			Radio Finland	radio	DVB	3/4	27.500					
			Radio Suomi	radio	DVB	3/4	27.500					
			WRN Multilingual Asia & Pacific	radio	DVB	3/4	27.500					
			Sawt Al Alam	radio	DVB	3/4	27.500		Arabic			
D 12.616	H	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard				
			Video Italia	TV	DVB	3/4	Y 27.500	Videoguard	Italian			
			Baby TV Europe	TV	DVB	3/4	27.500	Videoguard	Italian			
			Milan Channel	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sportitalia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Nickelodeon Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Comedy Central Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Nickelodeon Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sportitalia 2	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Calcio Info	TV	DVB	3/4	27.500		Italian			
			MyDeejay TV	TV	DVB	3/4	27.500	Videoguard	Italian			
			La 7	TV	DVB	3/4	27.500	Videoguard	Italian			
			D 12.635	V	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
						DeA Kids	TV	DVB	3/4	27.500	Videoguard	Italian
Sky Cinema Max +1	TV	DVB				3/4	27.500	Videoguard	Italian			
Disney Channel Italia +1	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Cinema +24	TV	DVB				3/4	27.500	Videoguard	Italian			
Classica Italia	TV	DVB				3/4	27.500	Videoguard	Italian			
Disney in English	TV	DVB				3/4	27.500	Videoguard	English			
Sky Olimpia 1	TV	DVB				3/4	27.500	Videoguard	Italian			
Juventus Channel	TV	DVB				3/4	27.500	Videoguard	Italian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 12.654	H	Europe	Toon Disney Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Inter Channel	TV	DVB	3/4	27.500	Videoguard	Italian			
			<u>Arabsat</u>	package	DVB	3/4	27.500					
			Sharjah TV	TV	DVB	3/4	27.500		Arabic			
			Saudi Arabian TV 1	TV	DVB	3/4	27.500		Arabic			
			Qatar TV	TV	DVB	3/4	27.500		Arabic			
			Live	TV	DVB	3/4	27.500		Arabic			
			Al Mustakillah TV	TV	DVB	3/4	27.500		Arabic			
			Al Ordoniyah	TV	DVB	3/4	27.500		Arabic			
			Al-Iraqiya TV	TV	DVB	3/4	27.500		Arabic			
			Al Masriyah	TV	DVB	3/4	27.500		Arabic			
			Oman TV Satellite	TV	DVB	3/4	27.500		Arabic			
			Sudan TV	TV	DVB	3/4	27.500		Arabic			
			Jamahiriya Satellite Channel	TV	DVB	3/4	27.500		Arabic			
			Kuwait Space Channel	TV	DVB	3/4	27.500		Arabic			
			Radio Kuwait Main	radio	DVB	3/4	27.500		Arabic			
			Al-Shabab	radio	DVB	3/4	27.500		Arabic			
			Holy Quran	radio	DVB	3/4	27.500		Arabic			
			El-Quran El-Karim	radio	DVB	3/4	27.500		Arabic			
			Umdurman Radio	radio	DVB	3/4	27.500		Arabic			
			Radio Umdurman Holy Koran	radio	DVB	3/4	27.500		Arabic			
			Radio Oman	radio	DVB	3/4	27.500		Arabic			
			Radio Oman FM	radio	DVB	3/4	27.500		English			
			Sout Al-Arab	radio	DVB	3/4	27.500		Arabic			
			Radio Quran	radio	DVB	3/4	27.500		Arabic			
			Republic of Iraq Radio	radio	DVB	3/4	27.500		Arabic			
			Holy Quran Radio	radio	DVB	3/4	27.500		Arabic			
			Iza'at Al-Quran Al-Kareem wa al Barameg Al-Deeniyah	radio	DVB	3/4	27.500		Arabic			
			Radio Jordan General Channel	radio	DVB	3/4	27.500		Arabic			
			El-Bernameg Al-Aam	radio	DVB	3/4	27.500		Arabic			
			Qatar Radio	radio	DVB	3/4	27.500		Arabic			
			Sharjah FM	radio	DVB	3/4	27.500		Arabic			
			Program One	radio	DVB	3/4	27.500		Arabic			
			D 12.673	V	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
						Sky Primafila 23	TV	DVB	3/4	27.500	Videoguard	Italian
						Sky Primafila 24	TV	DVB	3/4	27.500	Videoguard	Italian
						Sky Primafila 14	TV	DVB	3/4	27.500	Videoguard	Italian
						Sky Primafila 15	TV	DVB	3/4	27.500	Videoguard	Italian
						Sky Primafila 26	TV	DVB	3/4	27.500	Videoguard	Italian
						Sky HD promo	TV	DVB	3/4	27.500	Videoguard	
						Sky Primafila 33	TV	DVB	3/4	27.500	Videoguard	Italian
Sky Primafila 35	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Primafila 20	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Primafila 13	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Primafila 18	TV	DVB				3/4	27.500	Videoguard	Italian			
D 12.692	H	Europe				<u>Bis</u>	package	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	
						AB 3	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5	French
			NRJ 12	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0	French			
			France 4	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French			
			France 3 Sat	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French			
			Orange sport info	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0	French			
			Luxe TV	TV	DVB	3/4	27.500		French,English,Italian,Russian			
			Gulli	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French			
			AB 4	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5	French			
			Ciné First	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5	French			
			Virgin 17	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French			
			Ciné FX	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French			
			Ciné Polar	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French			
			TMC	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French,English			
			France 2	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French			
			M6	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0	French			
			W9	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0	French			
D 12.713	V	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard				
			Eurosport 2 Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 37	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 39	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 38	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 36	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 40	TV	DVB	3/4	27.500	Videoguard	Italian			
			Eurosport Italia	TV	DVB	3/4	27.500	Videoguard	Italian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 12.731	H	Europe	Sky Primafila 19	TV	DVB	3/4	27.500	Videoguard	Italian
			Eurosport News Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Skv Italia	package	DVB	3/4	27.500	Videoguard	
			Discovery Real Time Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			MTV Brand New	TV	DVB	3/4	27.500	Videoguard	
			VH1 Europe A	TV	DVB	3/4	27.500	Videoguard	English
			MTV Pulse Italia	TV	DVB	3/4	27.500	Videoguard	
			MTV Gold	TV	DVB	3/4	27.500	Videoguard	
			ESPN Classic Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Animal Planet Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			MTV Hits Italia	TV	DVB	3/4	27.500	Videoguard	Italian
MTV Italia	TV	DVB	3/4	27.500	Videoguard	Italian			

EUROBIRD™ 1 (28.5°EAST)

D 11.222	H	Fixed	Sky UK	package	DVB	2/3	27.500		
			Chat Box	TV	DVB	2/3	27.500		English
			The Boudoir	TV	DVB	2/3	27.500		English
			Press TV	TV	DVB	2/3	27.500		English
			BET UK +1	TV	DVB	2/3	27.500		English
			Sport XXX Babes TV	TV	DVB	2/3	27.500		English
			Sport XXX Girls	TV	DVB	2/3	27.500	Videoguard	English
			Babeworld MILF	TV	DVB	2/3	27.500		English
			Babeworld Live	TV	DVB	2/3	27.500		English
			Celebrity Shop	TV	DVB	2/3	27.500		English
			Zone Horror +1	TV	DVB	2/3	27.500		English
			UCB TV	TV	DVB	2/3	27.500		English
			Sport XXX Wives	TV	DVB	2/3	27.500	Videoguard	English
			Ummah Channel	TV	DVB	2/3	27.500		English
			Edge	TV	DVB	2/3	27.500		English
			Gems TV 3	TV	DVB	2/3	27.500		English
			Fashion TV UK	TV	DVB	2/3	27.500		English
			Babestation 2	TV	DVB	2/3	27.500		English
			Rockworld TV	TV	DVB	2/3	27.500		English
			Clubland TV	TV	DVB	2/3	27.500		English
			Sunrise Radio	radio	DVB	2/3	27.500		English
			Galaxy Yorkshire	radio	DVB	2/3	27.500		English
			Heart 106.2	radio	DVB	2/3	27.500		English
ILM Radio	radio	DVB	2/3	27.500					
BFBS Radio Digital	radio	DVB	2/3	27.500		English			
LBC 97.3	radio	DVB	2/3	27.500		English			
D 11.224	V	Fixed	Sky UK	package	DVB	2/3	27.500	Videoguard	
			PTV Global UK & Europe	TV	DVB	2/3	27.500		Urdu
			Nollywood Movies	TV	DVB	2/3	27.500	Videoguard	English
			Omusic TV	TV	DVB	2/3	27.500		English
			Al Jazeera Children's Channel	TV	DVB	2/3	27.500		Arabic
			SAB TV	TV	DVB	2/3	27.500	Videoguard	Hindi
			Sahara One	TV	DVB	2/3	27.500	Videoguard	Hindi
			Movies4Men	TV	DVB	2/3	27.500		English
			Movies4Men 2	TV	DVB	2/3	27.500		English
			Rádio Record	radio	DVB	2/3	27.500		Portuguese
			RTÉ Radio 1 Extra	radio	DVB	2/3	27.500		English
			Jazz FM	radio	DVB	2/3	27.500		English
			Voice of Truth Radio	radio	DVB	2/3	27.500		English
			Family Radio	radio	DVB	2/3	27.500		English
			Gaydar Radio	radio	DVB	2/3	27.500		English
			Yorkshire Radio	radio	DVB	2/3	27.500		English
			WRN English Europe	radio	DVB	2/3	27.500		English
			Npower Radio	radio	DVB	2/3	27.500		English
			TWR UK	radio	DVB	2/3	27.500		English
			Spectrum Radio Sky	radio	DVB	2/3	27.500		
			Radio Caroline	radio	DVB	2/3	27.500		English
			Ignition Radio	radio	DVB	2/3	27.500		
			Desi Radio	radio	DVB	2/3	27.500		
CC Radio	radio	DVB	2/3	27.500		English			
Insight Radio	radio	DVB	2/3	27.500		English			
Amrit Bani	radio	DVB	2/3	27.500		Punjabi			
Absolute 80s	radio	DVB	2/3	27.500		English			
NME Radio	radio	DVB	2/3	27.500		English			
Absolute Radio	radio	DVB	2/3	27.500		English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	MHz	Text	Access	Lang.
				Digital	FEC	M	MSy/s			
D 11.260	V	Fixed	Rainbow Radio	radio	DVB	2/3	27.500			
			Absolute Classic Rock	radio	DVB	2/3	27.500			English
			PlayJam Games	interacti	DVB	2/3	27.500	Videoguard		
			<u>Sky UK</u>	package	DVB	2/3	27.500			
			NTV	TV	DVB	2/3	27.500			Bengali
			Smart Live Casino	TV	DVB	2/3	27.500			English
			Movies4Men 2 +1	TV	DVB	2/3	27.500			English
			Rural TV	TV	DVB	2/3	27.500			English
			The Unexplained Channel	TV	DVB	2/3	27.500			English
			Genesis TV	TV	DVB	2/3	27.500			English
			Revelation TV	TV	DVB	2/3	27.500			English
			Shopping TV UK	TV	DVB	2/3	27.500			English
			Gospel Channel	TV	DVB	2/3	27.500			English
			Aaj Tak International	TV	DVB	2/3	27.500	Videoguard		Hindi
			Renault TV UK	TV	DVB	2/3	27.500			English
Open Access 2	TV	DVB	2/3	27.500			English			
Open Access 3	TV	DVB	2/3	27.500			English			
D 11.261	H	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500			
			Star Gold UK	TV	DVB	2/3	27.500	Videoguard		Hindi
			Travel Channel UK +1	TV	DVB	2/3	27.500			English
			Crime & Investigation Network UK +1	TV	DVB	2/3	27.500	Videoguard		English
			The Africa Channel	TV	DVB	2/3	27.500	Videoguard		English
			CNBC UK	TV	DVB	2/3	27.500	Videoguard	Y	English
			DM Digital	TV	DVB	2/3	27.500			Urdu
			Thane Direct	TV	DVB	2/3	27.500			English
			Star Plus UK	TV	DVB	2/3	27.500	Videoguard		Hindi
			GayNetwork	TV	DVB	2/3	27.500			English
			Zone Horror	TV	DVB	2/3	27.500			English
			Max TV!	TV	DVB	2/3	27.500			English
			3e	TV	DVB	2/3	27.500	Videoguard		English
			CBS Reality +1	TV	DVB	2/3	27.500			English
			Wonderful	TV	DVB	2/3	27.500			English
Panjab Radio	radio	DVB	2/3	27.500			Panjabi			
D 11.307	H	Fixed	JML Direct	TV	DVB	2/3	27.500		English	
D 11.307	H	Fixed	Living Ireland	TV	DVB	2/3	27.500	Videoguard	English	
D 11.307	H	Fixed	Propeller	TV	DVB	2/3	27.500		English	
D 11.307	H	Fixed	Bravo 2	TV	DVB	2/3	27.500	Videoguard	English	
D 11.307	H	Fixed	Challenge +1	TV	DVB	2/3	27.500	Videoguard	English	
D 11.307	H	Fixed	Livingit +1	TV	DVB	2/3	27.500	Videoguard	English	
D 11.307	H	Fixed	NTA International	TV	DVB	2/3	27.500		English	
D 11.307	H	Fixed	Virgin 1 +1	TV	DVB	2/3	27.500	Videoguard	English	
D 11.307	H	Fixed	Premier Christian Radio	radio	DVB	2/3	27.500		English	
D 11.307	H	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard		
D 11.307	V	Fixed	Ideal World 3	TV	DVB	2/3	27.500		English	
D 11.307	V	Fixed	The Jewellery Channel	TV	DVB	2/3	27.500		English	
D 11.307	V	Fixed	BET UK	TV	DVB	2/3	27.500		English	
D 11.307	V	Fixed	MUTV	TV	DVB	2/3	27.500	Videoguard	English	
D 11.307	V	Fixed	Motors TV UK	TV	DVB	2/3	27.500	Videoguard	French,English	
D 11.307	V	Fixed	Club Paradiso	TV	DVB	2/3	27.500		English	
D 11.307	V	Fixed	High Street TV	TV	DVB	2/3	27.500		English	
D 11.307	V	Fixed	Nigeria Movies	TV	DVB	2/3	27.500	Videoguard	English	
D 11.307	V	Fixed	Aastha International	TV	DVB	2/3	27.500		Hindi	
D 11.307	V	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500			
D 11.343	V	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500			
			Psychic & Soul	TV	DVB	2/3	27.500		English	
			Comedy Central Extra +1	TV	DVB	2/3	27.500	Videoguard	English	
			Psychic TV	TV	DVB	2/3	27.500		English	
			My Channel	TV	DVB	2/3	27.500		English	
			Southern Africa Direct	TV	DVB	2/3	27.500		English	
			Babeworld TV	TV	DVB	2/3	27.500		English	
			Asian Connections	TV	DVB	2/3	27.500		English	
			Nick Toons Replay	TV	DVB	2/3	27.500	Videoguard	English	
			CBS Drama	TV	DVB	2/3	27.500		English	
			NDTV Imagine	TV	DVB	2/3	27.500		Hindi	
			Babestation	TV	DVB	2/3	27.500		English	
			Fast TV	TV	DVB	2/3	27.500		English	
			Partyland	TV	DVB	2/3	27.500		English	
			Starz	TV	DVB	2/3	27.500		English	
			Ahlulbayt TV	TV	DVB	2/3	27.500		English	
			Asian Babes	TV	DVB	2/3	27.500		English	

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text MSy/s	Access	Lang.				
				Digital	FEC	MHz							
D 11.344	H	Fixed	Star One UK	TV	DVB	2/3	27.500	Videoguard	Hindi				
			<u>Sky UK</u>	package	DVB	2/3	27.500						
			Ahlebeit TV	TV	DVB	2/3	27.500						
			The Boudoir	TV	DVB	2/3	27.500						
			Hidayat TV	TV	DVB	2/3	27.500						
			Nick Jr UK +1	TV	DVB	2/3	27.500	Videoguard					
			Sumo TV	TV	DVB	2/3	27.500						
			Wedding TV UK	TV	DVB	2/3	27.500						
			40+ Readers Wives	TV	DVB	2/3	27.500						
			LivexxBabes	TV	DVB	2/3	27.500						
			Food Network UK +1	TV	DVB	2/3	27.500						
			Food Network UK	TV	DVB	2/3	27.500						
			Bangla TV	TV	DVB	2/3	27.500						
			Blue Kiss	TV	DVB	2/3	27.500						
			ESPN Classic UK	TV	DVB	2/3	27.500	Videoguard					
			E! Ireland	TV	DVB	2/3	27.500	Videoguard					
			Hotel Voyeur 2	TV	DVB	2/3	27.500						
D 11.389	H	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	English				
			DMAX UK +2	TV	DVB	2/3	27.500	Videoguard					
			Discovery Shed	TV	DVB	2/3	27.500	Videoguard					
			Discovery Real Time UK +1	TV	DVB	2/3	27.500	Videoguard					
			Discovery Knowledge +1	TV	DVB	2/3	27.500	Videoguard					
			Quest +1	TV	DVB	2/3	27.500	Videoguard					
			DMAX UK	TV	DVB	2/3	27.500	Videoguard					
			Discovery Science Channel UK +1	TV	DVB	2/3	27.500	Videoguard					
			Animal Planet Europe +1	TV	DVB	2/3	27.500	Videoguard					
			Investigation Discovery Europe	TV	DVB	2/3	27.500	Videoguard					
			DMAX UK +1	TV	DVB	2/3	27.500	Videoguard					
			Discovery Home & Health UK +1	TV	DVB	2/3	27.500	Videoguard					
			D 11.390	V	Fixed	<u>Sky UK</u>	package	DVB		2/3	27.500	Videoguard	English
Spice Extreme	TV	DVB				2/3	27.500	Videoguard					
Elite TV 911	TV	DVB				2/3	27.500						
Top Shelf TV	TV	DVB				2/3	27.500	Videoguard					
Playboy TV UK	TV	DVB				2/3	Y 27.500	Videoguard					
Adult Channel	TV	DVB				2/3	Y 27.500	Videoguard					
Climax 3-3	TV	DVB				2/3	27.500	Videoguard					
Climax 3-1	TV	DVB				2/3	27.500	Videoguard					
The Dating Channel	TV	DVB				2/3	Y 27.500						
ARY News UK & USA	TV	DVB				2/3	27.500						
Movies 24 UK +	TV	DVB				2/3	27.500	Videoguard					
Christmas 24	TV	DVB				2/3	27.500	Videoguard					
Climax 3-2	TV	DVB				2/3	27.500	Videoguard					
D 11.426	V	Fixed				<u>Sky UK</u>	package	DVB	2/3	27.500		English	
						Diva TV	TV	DVB	2/3	27.500	Videoguard		
			ARY QTV	TV	DVB	2/3	27.500	Videoguard					
			Bloomberg TV Europe	TV	DVB	2/3	27.500						
			Speed Auction TV	TV	DVB	2/3	27.500						
			Glory TV	TV	DVB	2/3	27.500						
			Venus TV	TV	DVB	2/3	27.500						
			KICC TV	TV	DVB	2/3	27.500						
			9XM UK	TV	DVB	2/3	27.500						
			Jackpot Games	TV	DVB	2/3	27.500						
			Price-Drop TV	TV	DVB	2/3	27.500						
			Aag TV UK	TV	DVB	2/3	27.500	Videoguard					
			Geo UK	TV	DVB	2/3	27.500	Videoguard					
			Bid TV	TV	DVB	2/3	27.500						
			OBE TV	TV	DVB	2/3	27.500						
			D 11.428	H	Fixed	Shorts TV France	TV	DVB	2/3	27.500			French
			D 11.428	H	Fixed	Radio Shepherd	radio	DVB	2/3	27.500			English
D 11.428	H	Fixed	Rabbi Radio	radio	DVB	2/3	27.500						
D 11.428	H	Fixed	Groove	radio	DVB	2/3	27.500						
D 11.428	H	Fixed	Classic	radio	DVB	2/3	27.500						
D 11.428	H	Fixed	Low Energy	radio	DVB	2/3	27.500						
D 11.428	H	Fixed	High Energy	radio	DVB	2/3	27.500						
D 11.428	H	Fixed	Wellbeing	radio	DVB	2/3	27.500						
D 11.428	H	Fixed	My Best Radio	radio	DVB	2/3	27.500		Italian				
D 11.469	H	S1	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	English				
			Sky Box Office 35	TV	DVB	2/3	27.500	Videoguard					
			Sky Box Office 18+ 1	TV	DVB	2/3	27.500	Videoguard					
			Sky Box Office 61	TV	DVB	2/3	27.500	Videoguard					

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	MHz	Text	Access	Lang.			
				Digital	FEC		MSy/s						
D 11.488	V	S1	Sky Box Office 59	TV	DVB	2/3	27.500	Videoguard		English			
			Sky Box Office 58	TV	DVB	2/3	27.500	Videoguard		English			
			Sky Box Office 55	TV	DVB	2/3	27.500	Videoguard		English			
			Sky Box Office 54	TV	DVB	2/3	27.500	Videoguard		English			
			History UK +1	TV	DVB	2/3	27.500	Videoguard		English			
			Sky Box Office 4	TV	DVB	2/3	27.500	Videoguard		English			
			Sky Box Office 18+ 5	TV	DVB	2/3	27.500	Videoguard		English			
			Sky Box Office 45	TV	DVB	2/3	27.500	Videoguard		English			
			Directgov	interacti	DVB	2/3	27.500	Videoguard		English			
			Sky Customer Services	interacti	DVB	2/3	27.500	Videoguard		English			
			<u>Sky UK</u>	package	DVB	2/3	27.500						
			MSK Extra	TV	DVB	2/3	27.500			English			
			ATN Bangla UK	TV	DVB	2/3	27.500			Bengali			
			Iqra TV	TV	DVB	2/3	27.500			English			
			Channel S UK	TV	DVB	2/3	27.500			Bengali			
			Peace TV UK	TV	DVB	2/3	27.500			English			
			Peace TV Urdu	TV	DVB	2/3	27.500			Urdu			
Setanta Sports 1 Ireland	TV	DVB	2/3	27.500	Videoguard		English						
NewsTalk	radio	DVB	2/3	27.500			English						
D 11.508	H	S1	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard					
			100% Babes	TV	DVB	2/3	27.500	Videoguard		English			
			Amateur Babes	TV	DVB	2/3	27.500	Videoguard		English			
			Xtreme Babes	TV	DVB	2/3	27.500	Videoguard		English			
			The Pub Channel	TV	DVB	2/3	27.500	Videoguard		English			
			Playboy TV UK PPV	TV	DVB	2/3	27.500	Videoguard		English			
			Prowler TV	TV	DVB	2/3	27.500	Videoguard		English			
			Adult Channel PPV	TV	DVB	2/3	27.500	Videoguard		English			
			Sky Venue	TV	DVB	2/3	27.500	Videoguard		English			
			Shrek Imperial Peril	interacti	DVB	2/3	27.500	Videoguard		English			
			Are you smarter than a 10 year old?	interacti	DVB	2/3	27.500	Videoguard		English			
			Scrabble	interacti	DVB	2/3	27.500	Videoguard		English			
			Spongebob Squarepants	interacti	DVB	2/3	27.500	Videoguard		English			
			Pool World Challenge	interacti	DVB	2/3	27.500	Videoguard		English			
			Sky Sports Premiership Football Challenge	interacti	DVB	2/3	27.500	Videoguard		English			
			D 11.527	V	S1	<u>Sky UK</u>	package	DVB	2/3	27.500			
						Extreme Sports Channel UK	TV	DVB	2/3	27.500	Videoguard		English
Hotel Voyeur 3	TV	DVB				2/3	27.500			English			
Tease Me TV 959	TV	DVB				2/3	27.500			English			
Tease Me TV 948	TV	DVB				2/3	27.500			English			
Tease Me TV 912	TV	DVB				2/3	27.500			English			
GayDateTV	TV	DVB				2/3	Y 27.500			English			
Thomas Cook TV	TV	DVB				2/3	27.500			English			
Comedy Central Ireland	TV	DVB				2/3	Y 27.500	Videoguard		English			
Channel M	TV	DVB				2/3	27.500			English			
D 11.546	H	S1				<u>Sky UK</u>	package	DVB	2/3	27.500			
						Comedy Central UK +1	TV	DVB	2/3	27.500	Videoguard		English
						Hotel Voyeur	TV	DVB	2/3	27.500			English
						Faith TV	TV	DVB	2/3	27.500			English
						Monte Carlo Roulette	TV	DVB	2/3	27.500			English
						V Channel	TV	DVB	2/3	27.500			English
						ARY Digital UK/Europe	TV	DVB	2/3	27.500	Videoguard		Urdu
			Gala TV	TV	DVB	2/3	27.500			English			
			Geo News	TV	DVB	2/3	27.500	Videoguard		Urdu			
			Shop on TV	TV	DVB	2/3	27.500			English			
			CinéMoi	TV	DVB	2/3	27.500	Videoguard		English			
			D 11.565	V	S1	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard		
						Sky Box Office 3	TV	DVB	2/3	27.500	Videoguard		English
						Sky Box Office 56	TV	DVB	2/3	27.500	Videoguard		English
						Sky Box Office 18+ 4	TV	DVB	2/3	27.500	Videoguard		English
						Sky Box Office 49	TV	DVB	2/3	27.500	Videoguard		English
						Sky Box Office 60	TV	DVB	2/3	27.500	Videoguard		English
Sky Box Office 57	TV	DVB				2/3	27.500	Videoguard		English			
Sky Movies Preview mosaic	TV	DVB				2/3	27.500			English			
Sky Box Office Preview	TV	DVB				2/3	27.500	Videoguard		English			
Sky Preview	TV	DVB				2/3	27.500			English			
Sky Barker Channel	TV	DVB				2/3	27.500			English			
Sky Box Office 1	TV	DVB				2/3	27.500	Videoguard		English			
Sky Channel Line-up	radio	DVB				2/3	27.500			English			
D 11.585	H	S1				<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard		

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.604	V	S1	Supreme Master TV	TV	DVB	2/3	27.500		English
			The Entrepreneur Channel	TV	DVB	2/3	27.500		English
			Channel Aka	TV	DVB	2/3	27.500		English
			Liverpool FC TV	TV	DVB	2/3	27.500	Videoguard	English
			ESPN America UK	TV	DVB	2/3	27.500	Videoguard	English
			Setanta Sports Ireland	TV	DVB	2/3	27.500	Videoguard	English
			Racing UK	TV	DVB	2/3	Y 27.500	Videoguard	English
			Film 24	TV	DVB	2/3	27.500		English
			<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	
			Sky Movies Christmas Channel	TV	DVB	2/3	27.500	Videoguard	English,English
			Sky Movies Premiere +1	TV	DVB	2/3	Y 27.500	Videoguard	English,English
			History UK	TV	DVB	2/3	27.500	Videoguard	English
			Sky Movies Premiere	TV	DVB	2/3	Y 27.500	Videoguard	English,English
			Sky Anytime B	TV	DVB	2/3	27.500	Videoguard	English,English
			Sky Anytime A	TV	DVB	2/3	27.500	Videoguard	English,English
			Bio UK	TV	DVB	2/3	27.500	Videoguard	English
			Sky Movies Modern Greats	TV	DVB	2/3	Y 27.500	Videoguard	English,English
			D 11.623	H	S1	WAP Casino One	interacti	DVB	2/3
<u>Sky UK</u>	package	DVB				2/3	27.500		
Baby TV Europe	TV	DVB				2/3	27.500	Videoguard	English
Diva TV +1	TV	DVB				2/3	27.500	Videoguard	English
Phoenix CNE	TV	DVB				2/3	27.500		Chinese
Prime TV	TV	DVB				2/3	27.500		
Russia Today	TV	DVB				2/3	27.500		English
Sci Fi UK +1	TV	DVB				2/3	27.500	Videoguard	English
Abu Dhabi Al Oula Europe	TV	DVB				2/3	27.500		Arabic
Magic 105.4 FM	radio	DVB				2/3	27.500		English
Costcutter In Tune Radio	radio	DVB				2/3	27.500		English
Kiss 100	radio	DVB				2/3	27.500		English
D 11.642	V	S1	<u>Sky UK</u>	package	DVB	2/3	27.500		
			Pop!	TV	DVB	2/3	27.500		English
			NME TV	TV	DVB	2/3	27.500		English
			Chart Show TV	TV	DVB	2/3	27.500		English
			PopGirl	TV	DVB	2/3	27.500		English
			The Vault	TV	DVB	2/3	27.500		English
			True Entertainment	TV	DVB	2/3	27.500		English
			Tiny Pop +1	TV	DVB	2/3	27.500		English
			PopGirl +1	TV	DVB	2/3	27.500		English
			Tiny Pop	TV	DVB	2/3	27.500		English
			True Movies 2	TV	DVB	2/3	27.500		English
			True Movies	TV	DVB	2/3	27.500		English
			Flaunt	TV	DVB	2/3	27.500		English
			Scuzz	TV	DVB	2/3	27.500		English
			Bliss	TV	DVB	2/3	27.500		English
			Flava	TV	DVB	2/3	27.500		English
			Kix!	TV	DVB	2/3	27.500		English
			D 11.662	H	S1	<u>Sky UK</u>	package	DVB	2/3
MTA International	TV	DVB				2/3	27.500		Urdu,English,French,German,Arabic,Bengali
France 24 English	TV	DVB				2/3	27.500		English
Cee (I) TV	TV	DVB				2/3	27.500	Videoguard	Tamil
Inspiration Network International	TV	DVB				2/3	27.500		English
CCTV 9	TV	DVB				2/3	27.500		English
The Word Network	TV	DVB				2/3	27.500		English
Super Casino	TV	DVB				2/3	27.500		English
Ladbrokes Roulette	interacti	DVB				2/3	27.500	Videoguard	
<u>Sky UK</u>	package	DVB				2/3	27.500		
TBN Europe	TV	DVB				2/3	27.500		English
Sci Fi UK	TV	DVB				2/3	27.500	Videoguard	English
God TV UK	TV	DVB	2/3	27.500		English			
Hallmark Channel UK +1	TV	DVB	2/3	27.500	Videoguard	English			
Al Jazeera English	TV	DVB	2/3	27.500		English			
Islam Channel	TV	DVB	2/3	27.500		English			
NHK World TV	TV	DVB	2/3	27.500		English			
God TV Europe	TV	DVB	2/3	27.500		English			
D 12.523	H	Fixed	Daystar TV	TV	DVB	2/3	27.500		English
			Live 960	TV	DVB	2/3	27.500		English
D 12.523	H	Fixed	Channel I	TV	DVB	2/3	27.500		Bengali
D 12.523	H	Fixed	EWTN UK	TV	DVB	2/3	27.500		English
D 12.523	H	Fixed	Madani Channel	TV	DVB	2/3	27.500		Urdu
D 12.523	H	Fixed	Information TV	TV	DVB	2/3	27.500		English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 12.523	H	Fixed	AIT International UK	TV	DVB	2/3	27.500		English
D 12.523	H	Fixed	OH TV	TV	DVB	2/3	27.500		English
D 12.523	H	Fixed	Movies4Men +1	TV	DVB	2/3	27.500		English
D 12.523	H	Fixed	BEN	TV	DVB	2/3	27.500		English
D 12.523	H	Fixed	Smooth Radio London	radio	DVB	2/3	27.500		English
D 12.523	H	Fixed	Real Radio Wales	radio	DVB	2/3	27.500		English
D 12.523	H	Fixed	EWTN Radio Europe/UK	radio	DVB	2/3	27.500		English
D 12.523	H	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500		
D 12.523	V	Fixed	Sunrise TV	TV	DVB	2/3	27.500		
D 12.523	V	Fixed	Deya Broadcasting Network	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	Thane Stop and Shop	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	JML Home & DIY	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	Gems TV 1	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	CBS Reality	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	JML Active	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	Gems TV 2	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	JML Choice	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	Record Internacional Europa	TV	DVB	2/3	27.500		Portuguese
D 12.523	V	Fixed	JML Lifestyle	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	TV Shop UK	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	XFM 104.9	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	95.8 Capital FM	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Gold	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Radio Khushkhabri	radio	DVB	2/3	27.500		
D 12.523	V	Fixed	Kismat Radio	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Classic FM UK	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Solar Radio	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Punjabi Radio	radio	DVB	2/3	27.500		Punjabi
D 12.523	V	Fixed	Chill	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	UCB Ireland	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Liberty Radio	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	UCB Bible	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	UCB Inspirational	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	UCB UK	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Choice FM	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Sukh Sagar Radio	radio	DVB	2/3	27.500		Punjabi
D 12.523	V	Fixed	Akash Radio	radio	DVB	2/3	27.500		
D 12.523	V	Fixed	Planet Rock	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	UCB Gospel	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500		
D 12.560	V	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500		
			Best Direct	TV	DVB	2/3	27.500		English
			JML CookShop	TV	DVB	2/3	27.500		English
			Horse & Country TV	TV	DVB	2/3	27.500		English
			Fitness TV	TV	DVB	2/3	27.500		English
			CBS Action	TV	DVB	2/3	27.500		English
			JML Direct	TV	DVB	2/3	27.500		English
			Rocks & Co.	TV	DVB	2/3	27.500		English
			EuroNews	TV	DVB	2/3	27.500		English,French,German,Italian,Spanish,Portuguese,Russian,Arabic
			Rocks TV	TV	DVB	2/3	27.500		English
			Travel Channel UK	TV	DVB	2/3	27.500		English
			Wedding TV Asia	TV	DVB	2/3	27.500		English
			BabyFirst TV	TV	DVB	2/3	27.500	Videoguard	English,French,Turkish,Spanish,Portuguese
			Blueberry TV	TV	DVB	2/3	27.500		English
D 12.607	H	Fixed	TV X Amateur	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	LA Muscle TV	TV	DVB	2/3	27.500		English
D 12.607	H	Fixed	Dirty Talk	TV	DVB	2/3	27.500		English
D 12.607	H	Fixed	Gay TV	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Filth	TV	DVB	2/3	27.500		English
D 12.607	H	Fixed	Red Hot TV	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Red Hot Mums	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Red Hot Fetish	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Red Hot 40+	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Primetime	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	TV X	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Xplicit XXX	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Red Hot Amateur	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	TV X Brits	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
			Viewers' Wives	TV	DVB	2/3	27.500	Videoguard	English
A 12.607	V	Fixed	Rush HD Europe	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	V	Fixed	Zee TV UK	TV	DVB	2/3	27.500	Videoguard	Hindi
D 12.607	V	Fixed	Zee Cinema UK	TV	DVB	2/3	27.500	Videoguard	Hindi
D 12.607	V	Fixed	Zing UK	TV	DVB	2/3	27.500	Videoguard	Hindi
D 12.607	V	Fixed	Zee Punjabi UK	TV	DVB	2/3	27.500	Videoguard	Punjabi
D 12.607	V	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	
A 12.643	H	Fixed	Luxe TV UK	TV	DVB	2/3	27.500		English,English
D 12.643	H	Fixed	Up & Coming TV promo	TV	DVB	2/3	27.500		
D 12.643	H	Fixed	Luxe TV UK	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	Body in Balance UK	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	Challenge Jackpot	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	Blue Tube	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	H	Fixed	Loveworld TV	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	Music India	TV	DVB	2/3	27.500		Hindi
D 12.643	H	Fixed	Noor TV	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	HiTV UK	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	
			Grind	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	The Style Network Emea	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	Comedy Central Ireland +1	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	Ocean TV	TV	DVB	2/3	27.500		English
D 12.643	V	Fixed	Nick Jr Ireland	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	Pitch World	TV	DVB	2/3	27.500		English
D 12.643	V	Fixed	Ocean TV mosaic	TV	DVB	2/3	27.500		English
D 12.643	V	Fixed	MATV National	TV	DVB	2/3	27.500		
D 12.643	V	Fixed	Teachers TV	TV	DVB	2/3	27.500		English
D 12.643	V	Fixed	Star News UK	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	Pitch TV	TV	DVB	2/3	27.500		English
D 12.643	V	Fixed	Nickelodeon Ireland	TV	DVB	2/3	Y 27.500	Videoguard	English
D 12.643	V	Fixed	Military History UK	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	Elite TV 965	TV	DVB	2/3	27.500		English
D 12.643	V	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	

EUROBIRD™ 2 (25.5°EAST)

D 11.013	H	Fixed	<u>Orbit Network</u>	package	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Super Movies	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English,Arabic
			ShowCinema TV Max 2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic,English
			The MGM Channel Middle East	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Bloomberg TV Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Fashion TV Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Disney XD Scandinavia	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			ShowCinema TV Max 3	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic,English
			ShowComedy	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Arabic Series	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			MnL TV	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog
			Cinema City	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			ShowCinema TV Max 1	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic,English
			ShowMovies 1	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
D 11.054	H	Fixed	<u>Orbit Network</u>	package	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Music Now	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Sky News International	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Al Riyadiyah	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			C-SPAN Orbit	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			ShowSeries	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			CNBC Orbit	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			America Plus	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Super Comedy	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Orbit News 2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Lite FM	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			BBC World Service English	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			BBC World Service Arabic	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Monte Carlo Doualiya	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Classical	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Super Gold	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Love Songs	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Jazz	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Country of Blues	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Rock	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	

Freq (GHz)	Pol	Beam	Channel	Analogue		Text MSy/s	Access	Lang.			
				Audio MHz	Digital FEC						
D 11.096	H	Fixed	Absolute Radio	radio	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	English			
			Dance	radio	DVB	3/4	27.500 Irdeto 2/Mediaguard 2				
			Khalijya't	radio	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	Arabic			
			Motown	radio	DVB	3/4	27.500 Irdeto 2/Mediaguard 2				
			Pop	radio	DVB	3/4	27.500 Irdeto 2/Mediaguard 2				
			DZBB 594 Super Radyo	radio	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	Tagalog			
			Monawa't	radio	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	Arabic			
			Hits	radio	DVB	3/4	27.500 Irdeto 2/Mediaguard 2				
			R&B	radio	DVB	3/4	27.500 Irdeto 2/Mediaguard 2				
			Tarabiya't	radio	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	Arabic			
			Orbit EPG	interacti	DVB	3/4	27.500 Irdeto 2/Mediaguard 2				
			Radio Mosaic	interacti	DVB	3/4	27.500 Irdeto 2/Mediaguard 2				
			<u>Orbit Network</u>	package	DVB	3/4	27.500 Irdeto 2/Mediaguard 2				
			JimJam Europe	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	English,Arabic			
			EI EMEA	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	English			
			Nickelodeon Arabia	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	Arabic			
			MTV Arabia	TV	DVB	3/4	27.500	Arabic			
			ShowSports 2	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	English,Arabic			
			ShowSports 1	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	English,Arabic			
			Discovery Channel Middle East & Africa +2	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	English			
			Extreme Sports Channel	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	English			
			Playhouse Disney Scandinavia	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	English			
			ShowMovies Action	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	English			
			Trace TV	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	French			
			ShowShasha	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	Arabic			
			Xtra Movies	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	Arabic			
			Discovery Science Channel Middle East	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	English			
			D 11.604	H	Fixed	<u>Orbit Network</u>	package	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	
						America Plus +2	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	English
						Disney Channel Middle East	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	English,Arabic
						CNN International Europe	TV	DVB	3/4	27.500	English
						Fox Sports Middle East	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	English
						Discovery Channel Middle East & Africa	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	English
Discovery Travel & Living Europe	TV	DVB				3/4	27.500 Irdeto 2/Mediaguard 2	English			
BBC Entertainment Europe	TV	DVB				3/4	27.500 Irdeto 2/Mediaguard 2	English			
Orbit News 1	TV	DVB				3/4	27.500 Irdeto 2/Mediaguard 2	English			
Boomerang Middle East	TV	DVB				3/4	27.500 Irdeto 2/Mediaguard 2	English			
Cartoon Network Middle East	TV	DVB				3/4	27.500 Irdeto 2/Mediaguard 2	English			
Fox News Channel	TV	DVB				3/4	27.500 Irdeto 2/Mediaguard 2	English			
Animal Planet Middle East	TV	DVB				3/4	27.500 Irdeto 2/Mediaguard 2	English			
Cinema City +1	TV	DVB				3/4	27.500 Irdeto 2/Mediaguard 2	Arabic			
Super Comedy +2	TV	DVB				3/4	27.500 Irdeto 2/Mediaguard 2	English			
Monawa't	radio	DVB				3/4	27.500	Arabic			
DZBB 594 Super Radyo	radio	DVB				3/4	27.500 Irdeto 2/Mediaguard 2	Tagalog			
Tarabiya't	radio	DVB				3/4	27.500	Arabic			
Khalijya't	radio	DVB				3/4	27.500	Arabic			
D 11.662	V	Fixed				<u>Noorsat</u>	package	DVB	3/4	27.500	
			Alkhel TV	TV	DVB	3/4	27.500	Arabic			
			DM TV	TV	DVB	3/4	27.500	Arabic			
			EuroNews	TV	DVB	3/4	27.500	Arabic			
			Nour TV	TV	DVB	3/4	27.500	Farsi			
			VoA TV Persian	TV	DVB	3/4	27.500	Farsi			
			Hadi TV	TV	DVB	3/4	27.500	Arabic			
			Supreme Master TV	TV	DVB	3/4	27.500	English			
			Iraq Economic	TV	DVB	3/4	27.500	Arabic			
			Al Habeeb TV	TV	DVB	3/4	27.500	Arabic			
			NART TV	TV	DVB	3/4	27.500	Arabic			
			Alsumaria	TV	DVB	3/4	27.500	Arabic			
			Watani	TV	DVB	3/4	27.500	Arabic			
			Karbala Satellite Channel	TV	DVB	3/4	27.500	Arabic			
			Bahrain TV	TV	DVB	3/4	27.500	Arabic			
			TRT 6	TV	DVB	3/4	27.500	Kurdish			
			Art Vision Mehnati	TV	DVB	3/4	27.500	Arabic			
			Alnour Radio	radio	DVB	3/4	27.500	Arabic			
			D 11.681	H	Fixed	<u>Orbit Network</u>	package	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	
						Super Movies +1	TV	DVB	3/4	27.500 Irdeto 2/Mediaguard 2	Arabic,English
Pinoy Extreme	TV	DVB				3/4	27.500 Irdeto 2/Mediaguard 2	Tagalog			
Fann	TV	DVB				3/4	27.500 Irdeto 2/Mediaguard 2	Arabic			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
			GMA Life TV	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog
			Al Yawm	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			ShowSports 4	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			GMA Pinoy TV Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog
			Zone Club Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Arabic Series +4	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Cinema 2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Cinema 1	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			History Orbit	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Al Safwa	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			TCM Middle East	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			DWLS FM	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog

EUROBIRD 3 (33°EAST)

D 11.472	H	Spot D	Skylogic	interacti	DVB	5/6	27.500		
D 11.513	H	Spot D	SkyDSL	interacti	DVB	3/4	30.000		
D 11.596	V	Spot B	Skylogic	package	DVB	5/6	27.500	Irdeto 2	
			Radio Euronics	radio	DVB	5/6	27.500		
			Radio GS	radio	DVB	5/6	27.500		Italian
			Radio Carrefour	radio	DVB	5/6	27.500		Italian
			Radio Iperstanda	radio	DVB	5/6	27.500		Italian
			Uni-Music	radio	DVB	5/6	27.500		Italian
			Skylogic	interacti	DVB	5/6	27.500	Irdeto 2	
D 11.596	H	Spot D	Skylogic	interacti	DVB	5/6	27.500		
D 11.645	H	Spot D	DigiTurk	package	DVB	5/6	18.556	Cryptoworks/Irdeto 2	
			FX Türkiye	TV	DVB	5/6	18.556	Cryptoworks/Irdeto 2	Turkish
			Kanal A	TV	DVB	5/6	18.556	Cryptoworks/Irdeto 2	Turkish
			Cine 5	TV	DVB	5/6	18.556	Cryptoworks/Irdeto 2	Turkish
			Cem TV	TV	DVB	5/6	18.556	Cryptoworks/Irdeto 2	Turkish
			TNT Türkiye	TV	DVB	5/6	18.556	Cryptoworks/Irdeto 2	Turkish
			TRT Turizm Belgesel	TV	DVB	5/6	18.556		Turkish
			Saudi Arabian TV 1	TV	DVB	5/6	18.556	Cryptoworks/Irdeto 2	Arabic
			Akilli TV	TV	DVB	5/6	18.556	Cryptoworks/Irdeto 2	Turkish
D 12.522	V	Spot C	Skylogic	interacti	DVB	5/6	27.500		

EUROBIRD™ 9A (9°EAST)

D 11.727	V	Europe	Argiva	package	DVB	3/4	27.500	Cryptoworks/BISS	
			ANN	TV	DVB	3/4	27.500		Arabic
			Shorts TV France	TV	DVB	3/4	27.500		French
			ESPN Classic Europe	TV	DVB	3/4	27.500	BISS	English
			ESPN America UK	TV	DVB	3/4	27.500	Cryptoworks	English
			TNT Serie	TV	DVB	3/4	27.500	Cryptoworks	German,English
			Mooby Interactive TV	TV	DVB	3/4	27.500		
			ESPN America Europe	TV	DVB	3/4	27.500	BISS	English
D 11.747	H	Europe	Skylogic	package	DVB	3/4	27.500		
			Link promo	TV	DVB	3/4	27.500		Italian
			ReteSette	TV	DVB	3/4	27.500		Italian
			Italiani nel mondo Channel	TV	DVB	3/4	27.500		Italian
			Teleitalia TV promo	TV	DVB	3/4	27.500		Italian
			Sisal TV	TV	DVB	3/4	27.500	Xcrypt	Italian
			Ros & Ros Selex	radio	DVB	3/4	27.500		Italian
			My Best Radio	radio	DVB	3/4	27.500		Italian
			Radio Shepherd	radio	DVB	3/4	27.500		English
			Radio Number One	radio	DVB	3/4	27.500		Italian
			Radio Genius	radio	DVB	3/4	27.500		Italian
			Ros & Ros	radio	DVB	3/4	27.500		Italian
			Rabbi Radio	radio	DVB	3/4	27.500		
D 11.785	H	Europe	KabelKiosk	package	DVB-S2	2/3	27.500	Conax/Videoguard	
			Viva Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
			Das Vierte	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
			DMAX Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
			CNBC Europe	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	English
			CNN International Europe	TV	DVB-S2	2/3	27.500	Conax/Videoguard	English
			Yavido Clips	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
			Imusic 1	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
			Russia Today	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
			Timm	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
			Comedy Central Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German

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This document is provided for information purposes. 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.
Eutelsat S.A. - 70 rue Balard 75502 PARIS CEDEX 15 - Tel: 0153984747 - Fax: 0153983700 <http://www.eutelsat.com>

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			Nick Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
			MTV Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
			Channel 21 Shop	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
			HSE 24	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
D 11.804	V	Europe	Myzen	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0	English,French
D 11.804	V	Europe	Luxe TV	TV	DVB	3/4	27.500		French,English,Italian,Russian
D 11.804	V	Europe	C Music TV	TV	DVB	3/4	27.500		
A 11.804	V	Europe	Luxe TV HD	TV	DVB	3/4	27.500		French,English,German,Italian,Russian,Spanish
A 11.804	V	Europe	Myzen	TV	DVB	3/4	27.500	Conax/Viaccess 2.6/Viaccess 3.0	English,French
D 11.823	H	Europe	<u>Skylotic</u>	package	DVB	3/4	27.500	Irdeto 2/Mediaguard 2/Viaccess 2.6	
			TVBS Europe	TV	DVB	3/4	27.500	Irdeto 2	Cantonese,Chinese
			TVB Lifestyle	TV	DVB	3/4	27.500	Irdeto 2	Chinese
			TVB Classic	TV	DVB	3/4	27.500	Irdeto 2	Chinese
			TVBN	TV	DVB	3/4	27.500	Irdeto 2	Chinese
			TV 2000	TV	DVB	3/4	27.500	BISS	Italian
			Trace Tropical	TV	DVB	3/4	27.500		French
			Tivitalia	TV	DVB	3/4	27.500		Italian
			Jewels La Sorgente 2	TV	DVB	3/4	27.500		Italian
			Jewels La Sorgente 1	TV	DVB	3/4	27.500		Italian
			Noello Sat	TV	DVB	3/4	27.500		Italian
			CCTV 4 Europe	TV	DVB	3/4	27.500		Chinese
			TVB Entertainment News	TV	DVB	3/4	27.500	Irdeto 2	Chinese
			Radio Nostalgia	radio	DVB	3/4	27.500		Italian
			Radio CRC Targato Italia	radio	DVB	3/4	27.500		Italian
			Radio Italia Network	radio	DVB	3/4	27.500		Italian
D 11.843	V	Europe	Live Channel	TV	DVB	3/4	27.500		Farsi
D 11.843	V	Europe	Zee Cinema UK	TV	DVB	3/4	27.500	Irdeto 2	Hindi
D 11.843	V	Europe	Zee TV UK	TV	DVB	3/4	27.500	Irdeto 2	Hindi
D 11.843	V	Europe	Zee Punjabi UK	TV	DVB	3/4	27.500		Punjabi
D 11.843	V	Europe	MMC TV	TV	DVB	3/4	27.500		Kurdish
D 11.843	V	Europe	Roj TV	TV	DVB	3/4	27.500		Kurdish
D 11.843	V	Europe	Finest TV	TV	DVB	3/4	27.500		Turkish
D 11.843	V	Europe	Bluemoon	TV	DVB	3/4	27.500		
D 11.843	V	Europe	KNN Channel	TV	DVB	3/4	27.500		Kurdish
D 11.843	V	Europe	Al Rasheed TV	TV	DVB	3/4	27.500		Arabic
D 11.843	V	Europe	Rouge FM	radio	DVB	3/4	27.500		French
D 11.843	V	Europe	Radio Al-Mahabba	radio	DVB	3/4	27.500		Arabic
D 11.843	V	Europe	Dengê Mezopotamya	radio	DVB	3/4	27.500		Kurdish
D 11.843	V	Europe	Radio Zamaneh	radio	DVB	3/4	27.500		Farsi
D 11.843	V	Europe	Radio Eviva	radio	DVB	3/4	27.500		German
D 11.843	V	Europe	Al Rasheed FM	radio	DVB	3/4	27.500		Arabic
D 11.861	H	Europe	<u>KabelKiosk</u>	package	DVB-S2	2/3	27.500	Conax/Videoguard	
			9 Live	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
			Kabel Eins Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
			RTL Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German,German
			RTL 2 Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
			Super RTL Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
			Vox Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
			N-TV	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
			Sat. 1 Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German,German
			N 24	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
			Pro Sieben Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German,German
A 11.881	V	Europe	<u>RRsat Global Communications Network</u>	package	DVB-S2	2/3	27.500	Conax/Irdeto 2/Viaccess 2.6	
			FTV HD +6	TV	DVB-S2	2/3	27.500		
			I-concerts	TV	DVB-S2	2/3	27.500	Viaccess 2.6	
			HD 1	TV	DVB-S2	2/3	27.500	Irdeto 2	
			Bebe TV HD	TV	DVB-S2	2/3	27.500	Conax	English
D 11.919	V	Europe	<u>RRsat Global Communications Network</u>	package	DVB	3/4	27.500		
			MTA 3 Al Arabiyah	TV	DVB	3/4	27.500		Arabic
			Rainbow	TV	DVB	3/4	27.500		Tamil
			Fox Sports Middle East	TV	DVB	3/4	27.500	Viaccess 2.6	English
			SVT World	TV	DVB	3/4	Y 27.500	Viaccess 2.6	Swedish
			The Israeli Network	TV	DVB	3/4	27.500	Viaccess 2.6	Hebrew
			Divine TV	TV	DVB	3/4	27.500		English
			Al Alamia	TV	DVB	3/4	27.500		Arabic
			NLM TV	TV	DVB	3/4	27.500		Tamil
			Angel TV	TV	DVB	3/4	27.500		Tamil
			Asianet	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 2.6	Malayalam

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 11.938	H	Europe	Asianet Plus	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 2.6	Malayalam			
			Nepali TV	TV	DVB	3/4	27.500					
			Amrita TV Middle East	TV	DVB	3/4	27.500		Malayalam			
			Kairali Channel	TV	DVB	3/4	27.500		Malayalam			
			SR P4	radio	DVB	3/4	27.500		Swedish			
			Radio All For Peace	radio	DVB	3/4	27.500	BISS				
			Tamil Radio	radio	DVB	3/4	27.500		Tamil			
			Radio Sweden	radio	DVB	3/4	27.500					
			Radio Eden	radio	DVB	3/4	27.500					
			<u>GlobeCast</u>	package	DVB	3/4	27.500	Viaccess 2.5/BISS				
			TV Lanka Channel 2	TV	DVB	3/4	27.500	Viaccess 2.5	Sinhalese			
			Walf TV	TV	DVB	3/4	27.500	Viaccess 2.5	French			
			TV Neth Sri Lanka	TV	DVB	3/4	27.500		Sinhalese			
			Fantasy promo	TV	DVB	3/4	27.500	BISS				
			D 11.958	V	Europe	Radio Walf 2	radio	DVB	3/4	27.500	Viaccess 2.5	French
Radio Walf 1	radio	DVB				3/4	27.500	Viaccess 2.5	French			
<u>M2</u>	package	DVB				3/4	27.500					
M2	TV	DVB				3/4	Y 27.500		Hungarian			
M2	TV	DVB				3/4	Y 27.500		Hungarian,Hungarian			
MR 3 Bartók	radio	DVB				3/4	27.500		Hungarian			
D 11.977	H	Europe				<u>Media Broadcast</u>	package	DVB	3/4	27.500	PowerVu	
						D 11.996	V	Europe	<u>GlobeCast</u>	package	DVB	3/4
CCTV E	TV	DVB							3/4	27.500		Spanish
Chutti TV	TV	DVB							3/4	27.500	Irdeto 2	Tamil
Adithya TV	TV	DVB							3/4	27.500	Irdeto 2	Tamil
Sun Music	TV	DVB							3/4	27.500	Irdeto 2	Tamil
KTV	TV	DVB							3/4	27.500	Irdeto 2	Tamil
Sun TV	TV	DVB							3/4	27.500	Irdeto 2	Tamil
CCTV Russkij	TV	DVB							3/4	27.500		Russian
CCTV 4 Europe	TV	DVB	3/4	27.500					Chinese			
Sun TV	TV	DVB	3/4	27.500					Tamil			
B4U Movies UAE	TV	DVB	3/4	27.500					Hindi			
BBC Entertainment Europe	TV	DVB	3/4	27.500	Viaccess 3.0				English			
MTV Portugal	TV	DVB	3/4	27.500	Cryptoworks				Portuguese			
CCTV Arabic	TV	DVB	3/4	27.500		Arabic						
D 12.015	H	Europe	<u>KabelKiosk</u>	package	DVB-S2	2/3	27.500	Conax/Videoguard				
			Bibel TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German			
			QVC Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German			
			UProm TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German			
			Volksmusik TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German			
			DSF	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German			
			TV Gusto	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German			
			Deluxe Music	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German,German			
			Luxe TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German			
			France 24 English	TV	DVB-S2	2/3	27.500		English			
			Deutsches Anleger Fernsehen	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German			
			Tele 5	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German			
			TV 5 Monde Europe	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	French			
			Bloomberg TV Europe	TV	DVB-S2	2/3	27.500	Conax/Videoguard	English			
			BBC World News	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	English			
			D 12.034	V	Europe	<u>Hello HD</u>	package	DVB-S2	3/4	27.500	Conax	
						Hír TV	TV	DVB-S2	3/4	Y 27.500	Conax	Hungarian
						Eurosport 2 FA Premier League	TV	DVB-S2	3/4	27.500	Conax	Hungarian
						Discovery Channel Hungary	TV	DVB-S2	3/4	27.500	Conax	Czech
						MusicMix	TV	DVB-S2	3/4	27.500	Conax	Hungarian
MusicMix SuperOne	TV	DVB-S2				3/4	27.500	Conax	Hungarian			
MTV Hungary	TV	DVB-S2				3/4	27.500	Conax	Hungarian			
FilmBox Extra Hungary	TV	DVB-S2				3/4	27.500	Conax	Hungarian			
Viva TV	TV	DVB-S2				3/4	27.500	Conax	Hungarian			
Comedy Central Hungary	TV	DVB-S2				3/4	27.500	Conax	Hungarian			
National Geographic Channel Hungary & Czechia	TV	DVB-S2				3/4	27.500	Conax	Hungarian			
Animal Planet Europe	TV	DVB-S2				3/4	27.500	Conax	Hungarian			
Viasat 3	TV	DVB-S2				3/4	27.500	Conax	Hungarian			
Animax Hungary	TV	DVB-S2				3/4	27.500	Conax	Hungarian			
Minimax Hungary	TV	DVB-S2				3/4	27.500	Conax	Hungarian			
HBO Comedy Central Europe	TV	DVB-S2	3/4	27.500	Conax	Hungarian						
HBO 2 Central Europe	TV	DVB-S2	3/4	27.500	Conax	Hungarian						
TCM Central Europe	TV	DVB-S2	3/4	27.500	Conax	Hungarian						
Cartoon Network Central Europe	TV	DVB-S2	3/4	27.500	Conax	Hungarian						
Discovery HD Europe	TV	DVB-S2	3/4	27.500	Conax	English						

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.				
				Digital	FEC	MSy/s							
A 12.054	H	Europe	HBO Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			M1	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			Nat Geo Wild Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			Spektrum TV	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			Jazzradio	radio	DVB-S2	3/4	27.500			Hungarian			
			<u>Penthouse HD</u>	package	DVB-S2	2/3	27.500	DRE-Crypt					
			Penthouse HD	TV	DVB-S2	2/3	27.500	DRE-Crypt		English			
			Penthouse HD 1	TV	DVB-S2	2/3	27.500	DRE-Crypt		English			
			Penthouse HD 2	TV	DVB-S2	2/3	27.500	DRE-Crypt		English			
			D 12.074	V	Europe	<u>Hello HD</u>	package	DVB-S2	3/4	27.500	Conax/Cryptoworks/Irdeto 2		
Sport 2 Hungary	TV	DVB-S2				3/4	27.500	Conax		Hungarian			
FilmBox HD Hungary	TV	DVB-S2				3/4	27.500	Conax		English,Hungarian			
Sport 1 Hungary	TV	DVB-S2				3/4	27.500	Conax		Hungarian			
Digi Sport Hungary	TV	DVB-S2				3/4	27.500	Conax		Hungarian			
Hallmark Channel Hungary	TV	DVB-S2				3/4	27.500	Conax					
Sport Klub Hungary	TV	DVB-S2				3/4	27.500	Conax		Hungarian			
Film + Hungary	TV	DVB-S2				3/4	27.500	Conax		Hungarian			
Cool TV	TV	DVB-S2				3/4	27.500	Conax		Hungarian			
Travel Channel	TV	DVB-S2				3/4	27.500	Conax					
4! Story TV	TV	DVB-S2				3/4	27.500	Conax		Hungarian			
AXN Central Europe	TV	DVB-S2				3/4	27.500	Conax		Hungarian			
Cinemax Central Europe	TV	DVB-S2				3/4	27.500	Conax		Hungarian			
RTL Klub	TV	DVB-S2				3/4	Y 27.500	Conax		Hungarian			
TV 2	TV	DVB-S2				3/4	Y 27.500	Conax		Hungarian			
ATV	TV	DVB-S2				3/4	Y 27.500	Conax		Hungarian			
National Geographic Channel HD UK	TV	DVB-S2				3/4	27.500	Conax		English			
History HD Europe	TV	DVB-S2				3/4	27.500	Conax		Hungarian			
D 12.092	H	Europe				<u>TSA</u>	package	DVB	3/4	27.500			
						Action TV	TV	DVB	3/4	27.500			Spanish
			Canal Parlamento	TV	DVB	3/4	27.500			Spanish			
			Destino Galicia	TV	DVB	3/4	27.500						
			Tu Tele Local	TV	DVB	3/4	27.500			Spanish			
			Disney Cinemagic España	TV	DVB	3/4	27.500	Viaccess 2.6		Spanish			
			TVE Internacional Asia-Africa	TV	DVB	3/4	Y 27.500			Spanish			
			Iberialia TV	TV	DVB	3/4	27.500	KeyFly		Spanish			
			Disney Cinemagic España +1	TV	DVB	3/4	27.500	Viaccess 2.6		Spanish			
			Grandes éxitos	radio	DVB	3/4	27.500						
			Música romántica	radio	DVB	3/4	27.500						
			Canal latino	radio	DVB	3/4	27.500						
			Música joven	radio	DVB	3/4	27.500						
			Música ambiental	radio	DVB	3/4	27.500						
			Fama Radio	radio	DVB	3/4	27.500			Spanish			
			Éxito Radio	radio	DVB	3/4	27.500			Spanish			
			Radio Exterior de España	radio	DVB	3/4	27.500						
			Música clásica	radio	DVB	3/4	27.500						
			D 12.130	H	Europe	<u>KabelKiosk</u>	package	DVB	3/4	27.500	Conax/Videoguard		
						Pink Plus	TV	DVB	3/4	27.500	Conax/Videoguard		Serbian
Perviy kanal Europa	TV	DVB				3/4	27.500	Conax/Videoguard		Russian			
Animax Deutschland	TV	DVB				3/4	27.500	Conax/Videoguard		German			
France 24 English	TV	DVB				3/4	27.500			English			
Kinowelt TV	TV	DVB				3/4	27.500	Conax/Videoguard		German			
Lig TV	TV	DVB				3/4	27.500	Conax/Videoguard		Turkish			
Body in Balance Germany	TV	DVB				3/4	27.500	Conax/Videoguard		German			
EuroStar	TV	DVB				3/4	27.500	Conax/Videoguard		Turkish			
EuroNews	TV	DVB				3/4	27.500	Conax/Videoguard		English,French,Portuguese,Russian,Spanish,Italian			
D 12.207	H	Europe	RTR Planeta	TV	DVB	3/4	27.500	Conax/Videoguard		Russian			
			<u>Platforma DV</u>	package	DVB-S2	2/3	27.500	DRE-Crypt					
			Kinopokaz	TV	DVB-S2	2/3	27.500	DRE-Crypt		Russian			
			Zoo TV	TV	DVB-S2	2/3	27.500	DRE-Crypt		Russian			
			Tonus TV	TV	DVB-S2	2/3	27.500	DRE-Crypt		Russian			
			Auto Plus	TV	DVB-S2	2/3	27.500	DRE-Crypt		Russian			
			Kuhnya TV	TV	DVB-S2	2/3	27.500	DRE-Crypt		Russian			
			Komedia TV	TV	DVB-S2	2/3	27.500	DRE-Crypt		Russian			
			365 dnei TV	TV	DVB-S2	2/3	27.500	DRE-Crypt		Russian			
			Muz TV	TV	DVB-S2	2/3	27.500	DRE-Crypt		Russian			
			REN TV	TV	DVB-S2	2/3	27.500	DRE-Crypt		Russian			
			Kanal Teleputeshestviya	TV	DVB-S2	2/3	27.500	DRE-Crypt		Russian			
			Telekanal Rossiya	TV	DVB-S2	2/3	27.500	DRE-Crypt		Russian			
			TNT	TV	DVB-S2	2/3	27.500	DRE-Crypt		Russian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 12.245	H	Europe	5 Kanal	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			STS	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Bibigon	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Kultura Telekanal	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Telekanal Sport	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			NTV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Vesti	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			<u>Belgium Satellite Services</u>	package	DVB	3/4	27.500					
			Korek	TV	DVB	3/4	27.500			Kurdish		
			Zee Cinema UK	TV	DVB	3/4	Y 27.500	Irdeto 2		Hindi		
			Zee Punjabi UK	TV	DVB	3/4	27.500			Panjabi		
			Kanal 4	TV	DVB	3/4	27.500			Kurdish		
			Finest TV	TV	DVB	3/4	27.500			Turkish		
			ICC+	TV	DVB	3/4	27.500			Farsi		
			Al Rasheed TV	TV	DVB	3/4	27.500			Arabic		
			Zee TV UK	TV	DVB	3/4	Y 27.500	Irdeto 2		Hindi		
			Komala TV	TV	DVB	3/4	27.500			Kurdish		
			Live Channel	TV	DVB	3/4	27.500			Farsi		
			UM TV	TV	DVB	3/4	27.500			Arabic		
			KNN Channel	TV	DVB	3/4	27.500			Kurdish		
			Zagros TV	TV	DVB	3/4	27.500			Kurdish		
			PEN TV	TV	DVB	3/4	27.500			Farsi		
			PTV	TV	DVB	3/4	27.500			Arabic		
			Al Rasheed FM	radio	DVB	3/4	27.500			Arabic		
			Radio Zagros	radio	DVB	3/4	27.500			Kurdish		
			Radio Al-Mahabba	radio	DVB	3/4	27.500			Arabic		
			Radio 74	radio	DVB	3/4	27.500			English		
			Radio Vlaanderen	radio	DVB	3/4	27.500			Dutch		
			Radio Vlaanderen Info	radio	DVB	3/4	27.500			Dutch		
			Radio Eviva	radio	DVB	3/4	27.500			German		
			Radio Zamaneh	radio	DVB	3/4	27.500			Farsi		
			D 12.284	H	Europe	<u>KabelKiosk</u>	package	DVB-S2	2/3	27.500	Conax/Videoguard	
						Eurosport Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
Juwelo TV	TV	DVB-S2				2/3	27.500	Conax/Videoguard	German			
TVE Internacional Europe	TV	DVB-S2				2/3	Y 27.500	Conax/Videoguard	Spanish			
EuroNews	TV	DVB-S2				2/3	27.500	Conax/Videoguard	German			
The Poker Channel	TV	DVB-S2				2/3	27.500	Conax/Videoguard	English			
AstroTV	TV	DVB-S2				2/3	Y 27.500	Conax/Videoguard	German			
Der Schmuckkanal	TV	DVB-S2				2/3	Y 27.500	Conax/Videoguard	German			
Sonnenklar TV	TV	DVB-S2				2/3	Y 27.500	Conax/Videoguard	German			
A 12.303	V	Europe				<u>Platforma HD</u>	package	DVB-S2	2/3	26.400	DRE-Crypt	
			Kinopokaz HD 2	TV	DVB-S2	2/3	26.400	DRE-Crypt	Russian,Russian			
			Kanal Teleputeshestviya HD	TV	DVB-S2	2/3	26.400	DRE-Crypt	Russian			
			HD Life	TV	DVB-S2	2/3	26.400	DRE-Crypt	Russian			
			Zhenskiy Mir HD	TV	DVB-S2	2/3	26.400	DRE-Crypt	Russian			
D 12.322	H	Europe	<u>KabelKiosk</u>	package	DVB	3/4	27.500	Conax/Videoguard				
			ATV Avrupa	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			Show Turk	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			TürkMax	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			TRT Türk	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			NTV Avrupa	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			TVP Polonia	TV	DVB	3/4	27.500	Conax/Videoguard	Polish			
			Kanal 7 Avrupa	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			Rai Uno	TV	DVB	3/4	27.500	Conax/Videoguard	Italian			
			Euro D	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
			Rai Due	TV	DVB	3/4	27.500	Conax/Videoguard	Italian			
			Rai Tre	TV	DVB	3/4	27.500	Conax/Videoguard	Italian			
			D 12.360	H	Europe	<u>KabelKiosk</u>	package	DVB	3/4	27.500	Conax/Videoguard	
						Animal Planet Deutschland	TV	DVB	3/4	27.500	Conax/Videoguard	German
ITVN Europe	TV	DVB				3/4	27.500	Conax/Videoguard	Polish			
Travel Channel Deutschland	TV	DVB				3/4	27.500	Conax/Videoguard	German,English			
Rush HD Europe	TV	DVB				3/4	27.500	Conax/Videoguard	English			
ESPN Classic Europe	TV	DVB				3/4	27.500	Conax/Videoguard	German,English,Polish			
Hustler TV Deutschland	TV	DVB				3/4	27.500	Conax/Videoguard	German			
Lust Pur	TV	DVB				3/4	27.500	Conax/Videoguard	German			
Adult Channel	TV	DVB				3/4	27.500	Conax/Videoguard	English			
KabelKiosk infokanal	TV	DVB				3/4	27.500		German			
Auto Motor und Sport	TV	DVB				3/4	27.500	Conax	German			
Yacht & Sail International	TV	DVB				3/4	27.500	Conax/Videoguard	German,English			
TV Country	TV	DVB				3/4	27.500	Conax	German			

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.
				Digital	FEC			
A 12.380	V	Europe	Platforma HD	package	DVB-S2	2/3	26.400 DRE-Crypt	
			Platforma HD promo	TV	DVB-S2	2/3	26.400	Russian
			MTVN HD	TV	DVB-S2	2/3	26.400 DRE-Crypt	English,English
			HD Life	TV	DVB-S2	2/3	26.400 DRE-Crypt	Russian
			National Geographic Channel HD Russia & Turkey	TV	DVB-S2	2/3	26.400 DRE-Crypt	Russian,Russian
			Kinopokaz HD 1	TV	DVB-S2	2/3	26.400 DRE-Crypt	Russian,Russian
D 12.399	H	Europe	KabelKiosk	package	DVB	3/4	27.500 Conax/Videoguard	
			The Biography Channel Deutschland	TV	DVB	3/4	27.500 Conax/Videoguard	German
			Boomerang Deutschland	TV	DVB	3/4	27.500 Conax/Videoguard	German,English
			Cartoon Network Deutschland	TV	DVB	3/4	27.500 Conax/Videoguard	German,English
			TNT Film	TV	DVB	3/4	27.500 Conax/Videoguard	German,English
			Motors TV	TV	DVB	3/4	27.500 Conax/Videoguard	German,English
			ESPN America Europe	TV	DVB	3/4	27.500 Conax/Videoguard	English
			AXN Deutschland	TV	DVB	3/4	27.500 Conax/Videoguard	German,English
			National Geographic Channel Deutschland	TV	DVB	3/4	27.500 Conax/Videoguard	German,English
			Sci Fi Deutschland	TV	DVB	3/4	27.500 Conax/Videoguard	German
			13th Street Deutschland	TV	DVB	3/4	27.500 Conax/Videoguard	German
			Silverline Movie Channel	TV	DVB	3/4	27.500 Conax/Videoguard	German
			History Deutschland	TV	DVB	3/4	27.500 Conax/Videoguard	German
D 12.437	H	Europe	KabelKiosk	package	DVB	3/4	27.500 Conax/Videoguard	
			VH1 Classic Europe	TV	DVB	3/4	27.500 Conax/Videoguard	English
			Romance TV	TV	DVB	3/4	27.500 Conax/Videoguard	German
			BBC Entertainment Europe	TV	DVB	3/4	27.500 Conax/Videoguard	English
			E! Deutschland	TV	DVB	3/4	27.500 Conax/Videoguard	German,German,Polish,Turkish
			Sportdigital TV	TV	DVB	3/4	27.500 Conax/Videoguard	German
			Gute Laune TV	TV	DVB	3/4	27.500 Conax/Videoguard	German
			Discovery Channel Deutschland	TV	DVB	3/4	27.500 Conax/Videoguard	German
			Your Family Entertainment	TV	DVB	3/4	27.500 Conax/Videoguard	German
			Nick Jr Deutschland	TV	DVB	3/4	27.500 Conax/Videoguard	German
			Volksmusik TV	TV	DVB	3/4	27.500 Conax/Videoguard	German
			Blu FM	radio	DVB	3/4	27.500	

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D 10.719	V	Wide	DigitAlb	package	DVB	3/4	27.500 Conax				
			Fox Crime Serbia	TV	DVB	3/4	27.500 Conax	English			
			SuperSport HD 1	TV	DVB	3/4	27.500 Conax	Albanian			
			Telenorba Shqiptare	TV	DVB	3/4	27.500	Albanian			
			Tirana TV	TV	DVB	3/4	27.500 Conax	Albanian			
			Supersonic TV	TV	DVB	3/4	27.500 Conax	Albanian			
			BBF	TV	DVB	3/4	27.500 Conax	Albanian			
			X3	TV	DVB	3/4	27.500 Conax	Albanian			
			SuperSport HD 2	TV	DVB	3/4	27.500 Conax	Albanian			
			Cartoon Network Europe	TV	DVB	3/4	27.500 Conax	English			
			X4	TV	DVB	3/4	27.500 Conax	Albanian			
			Fox Life Serbia	TV	DVB	3/4	27.500 Conax	English			
			The MGM Channel East Europe	TV	DVB	3/4	27.500 Conax	English			
			Travel Channel	TV	DVB	3/4	27.500 Conax	English			
			Nat Geo Wild Romania	TV	DVB	3/4	27.500 Conax	English			
			National Geographic Channel România	TV	DVB	3/4	27.500 Conax	English			
			TCM Europe	TV	DVB	3/4	27.500 Conax	English			
			A1	TV	DVB	3/4	27.500 Conax	Albanian			
			D 10.813	H	Madagascar	CanalSat Réunion	package	DVB	5/6	27.500 Mediaguard 2	
						TF 1	TV	DVB	5/6	27.500 Mediaguard 2	French
Action	TV	DVB				5/6	27.500 Mediaguard 2	French			
Extreme Sports Channel	TV	DVB				5/6	27.500 Mediaguard 2				
Zee TV UK	TV	DVB				5/6	27.500 Mediaguard 2	Hindi			
Canal + France	TV	DVB				5/6	27.500 Mediaguard 2	French			
Zee Cinema UK	TV	DVB				5/6	27.500 Mediaguard 2	Hindi			
Ushuaia TV	TV	DVB				5/6	27.500 Mediaguard 2	French			
National Geographic Channel France	TV	DVB				5/6	27.500 Mediaguard 2	French			
Planète No Limit	TV	DVB				5/6	27.500 Mediaguard 2	French			
Private Spice	TV	DVB				5/6	27.500 Mediaguard 2	English			
Seasons	TV	DVB	5/6	27.500 Mediaguard 2	French						
D 10.892	H	Wide	Total TV	package	DVB	3/4	27.500 Videoguard				

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Eutelsat S.A. - 70 rue Balard 75502 PARIS CEDEX 15 - Tel: 0153984747 - Fax: 0153983700 <http://www.eutelsat.com>

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	MHz	Text	Access	Lang.
				Digital	FEC	MSy/s				
D 10.930	H	Wide	Info TV	TV	DVB	3/4	27.500			Slovenian
			TV Slovenija 2	TV	DVB	3/4	27.500	Videoguard		Slovenian
			TV Slovenija 1	TV	DVB	3/4	27.500	Videoguard		Slovenian
			Sport Klub Slovenija	TV	DVB	3/4	27.500	Videoguard		Slovenian
			Carli TV	TV	DVB	3/4	27.500			Slovenian
			TV Pika	TV	DVB	3/4	Y 27.500	Videoguard		Slovenian
			Kanal A	TV	DVB	3/4	Y 27.500	Videoguard		Slovenian
			Pop TV	TV	DVB	3/4	Y 27.500	Videoguard		Slovenian
			BBC Entertainment Europe	TV	DVB	3/4	27.500	Videoguard		English
			Golica TV	TV	DVB	3/4	27.500			Slovenian
			TV 3 Slovenija	TV	DVB	3/4	Y 27.500	Videoguard		Slovenian
			Radio 1	radio	DVB	3/4	27.500			Slovenian
			<u>Total TV</u>	package	DVB	3/4	27.500	Videoguard		
			Eurosport 2 Bundesliga	TV	DVB	3/4	27.500	Videoguard		Serbian,English
			TV Palma Plus	TV	DVB	3/4	27.500	Videoguard		Serbian
			TV Spectrum	TV	DVB	3/4	27.500			Serbian
			Disney Channel Middle East	TV	DVB	3/4	27.500	Videoguard		English
			ESPN America Europe	TV	DVB	3/4	27.500	Videoguard		English
			The MGM Channel East Europe	TV	DVB	3/4	27.500	Videoguard		English

W2 (16°EAST)

D 10.972	V	Wide	<u>Total TV</u>	package	DVB	3/4	27.500	Cryptoworks/Videoguard					
			TV S	TV	DVB	3/4	27.500	Videoguard		Serbian			
			Cinemax Central Europe	TV	DVB	3/4	27.500	Videoguard		Serbian,Croatian,Slovenian,Bulgarian			
			Sci Fi Channel East Europe	TV	DVB	3/4	27.500	Videoguard		English			
			Free-X TV 2	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English			
			Motors TV	TV	DVB	3/4	27.500	Videoguard		English,Serbian			
			Viasat Explorer	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English			
			Eurosport	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English			
			MTV Adria	TV	DVB	3/4	Y 27.500	Videoguard		English			
			X-Dream TV	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English			
			Free-X TV	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English			
			Hallmark Channel Central Europe	TV	DVB	3/4	27.500	Videoguard		English			
			Viasat History	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English			
			TV 1000 Balkan	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English			
			A 10.975	H	Wide	<u>DigitAlb</u>	package	DVB-S2	4/5	22.500	Conax		
						National Geographic Channel HD UK	TV	DVB-S2	4/5	22.500	Conax		English
						DigitAlb HD 3	TV	DVB-S2	4/5	22.500	Conax		Albanian
DigitAlb HD 2	TV	DVB-S2				4/5	22.500	Conax		Albanian			
D 11.014	V	Wide	DigitAlb HD 1	TV	DVB-S2	4/5	22.500	Conax		Albanian			
			<u>ITV Partner</u>	package	DVB	3/4	27.500	Conax/Cryptoworks/Videoguard					
			National Geographic Channel Bulgaria	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English,Bulgarian			
			Diema	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		Bulgarian			
			Ring.bg	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		Bulgarian			
			Animal Planet Europe	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English			
			Fiesta TV	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		Bulgarian			
			Eurosport	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		Serbian,Bulgarian,English			
			Cinemax Central Europe	TV	DVB	3/4	27.500	Cryptoworks		Bulgarian			
			HBO Bulgaria	TV	DVB	3/4	27.500	Cryptoworks		Bulgarian			
			Pro.bg	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		Bulgarian			
			Diema F	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		Bulgarian			
			VTV	TV	DVB	3/4	27.500			Bulgarian			
			TV 7	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		Bulgarian			
			Diema 2	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		Bulgarian			
			PV TV	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		Bulgarian			
			Evrofutbol	TV	DVB	3/4	27.500			Bulgarian			
			Hustler TV Europe	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English			
			BNT Sat	TV	DVB	3/4	27.500			Bulgarian			
			Discovery Channel Europe	TV	DVB	3/4	27.500	Cryptoworks/Videoguard		English			
Radyo Lojik	radio	DVB	3/4	27.500			Turkish						
Horizont	radio	DVB	3/4	27.500			Bulgarian						
D 11.055	V	Wide	<u>DigitAlb</u>	package	DVB	2/3	27.900	Conax					
			Top News	TV	DVB	2/3	27.900	Conax		Albanian			
			My Music	TV	DVB	2/3	27.900	Conax		Albanian			
			Bang Bang	TV	DVB	2/3	27.900	Conax		Albanian			
			Çufo	TV	DVB	2/3	27.900	Conax		Albanian			
			Junior TV	TV	DVB	2/3	27.900	Conax		Albanian			
			Explorer Shkencë	TV	DVB	2/3	27.900	Conax		Albanian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.				
				Digital	FEC	MSy/s							
D 11.094	V	Wide	Explorer Histori	TV	DVB	2/3	27.900	Conax		Albanian			
			Explorer Natyra	TV	DVB	2/3	27.900	Conax		Albanian			
			DigitAlb promo	TV	DVB	2/3	27.900			Albanian			
			Digi Plus	TV	DVB	2/3	27.900	Conax		Albanian			
			Film Autor	TV	DVB	2/3	27.900	Conax		English,Italian			
			Top Channel	TV	DVB	2/3	Y 27.900	Conax		Albanian			
			Top Albania Radio	radio	DVB	2/3	27.900			Albanian			
			Radio My Music	radio	DVB	2/3	27.900			Albanian			
			Top Gold	radio	DVB	2/3	27.900	Conax		Albanian			
			DigitAlb	package	DVB	2/3	27.900	Conax					
			Film Hits	TV	DVB	2/3	27.900	Conax		English,Italian			
			Film Thriller	TV	DVB	2/3	27.900	Conax		English,Italian			
			Film Dramë	TV	DVB	2/3	27.900	Conax		English,Italian			
			Film Aksion	TV	DVB	2/3	27.900	Conax		English,Italian			
			Film Komedi	TV	DVB	2/3	27.900	Conax		English,Italian			
			X1	TV	DVB	2/3	27.900	Conax		Albanian			
			X2	TV	DVB	2/3	27.900	Conax		Albanian			
			T	TV	DVB	2/3	27.900	Conax		Albanian			
			Top Gold	radio	DVB	2/3	27.900			Albanian			
			D 11.095	H	Wide	Total TV	package	DVB	3/4	27.300	Cryptoworks/Videoguard		
Zone Romantica Pan Europe	TV	DVB				3/4	27.300	Videoguard					
TV Kopernikus	TV	DVB				3/4	27.300			Serbian			
EI EMEA	TV	DVB				3/4	27.300	Videoguard		English			
Minimax Romania	TV	DVB				3/4	27.300	Videoguard		Serbian			
Film + Serbia	TV	DVB				3/4	27.300	Videoguard		Serbian			
The History Channel Europe	TV	DVB				3/4	27.300	Videoguard		English			
Zone Reality Europe	TV	DVB				3/4	27.300	Videoguard		English			
Investigation Discovery Europe	TV	DVB				3/4	27.300	Videoguard		English			
Sport Klub Croatia	TV	DVB				3/4	27.300	Videoguard		Croatian			
TV Alfa	TV	DVB				3/4	27.300	Videoguard		Bosnian			
The Fishing and Hunting Channel South East Europe	TV	DVB				3/4	27.300	Videoguard		English			
B92 Info kanal	TV	DVB				3/4	27.300	Videoguard		Serbian			
TV Metropolis	TV	DVB				3/4	27.300	Videoguard		Serbian			
D 11.138	H	Wide				ITV Partner	package	DVB	3/4	27.700	Conax/Cryptoworks/Videoguard		
						TV Evropa	TV	DVB	3/4	27.700	Cryptoworks/Videoguard		Bulgarian
						BTV	TV	DVB	3/4	27.700	Cryptoworks/Videoguard		Bulgarian
			Fan TV	TV	DVB	3/4	27.700			Bulgarian			
			Fox Life Bulgaria	TV	DVB	3/4	27.700	Conax/Cryptoworks/Videoguard		Bulgarian			
			Re TV	TV	DVB	3/4	27.700			Bulgarian			
			Nova TV	TV	DVB	3/4	27.700	Conax/Cryptoworks/Videoguard		Bulgarian			
			NKTV Evrokom	TV	DVB	3/4	Y 27.700	Conax/Cryptoworks/Videoguard		Bulgarian			
			Fox Crime Bulgaria	TV	DVB	3/4	27.700	Cryptoworks/Videoguard		Bulgarian			
			BBT	TV	DVB	3/4	27.700	Conax/Cryptoworks/Videoguard		Bulgarian			
			Balkanika Music TV	TV	DVB	3/4	27.700						
			NBT	TV	DVB	3/4	27.700	Conax/Cryptoworks/Videoguard		Bulgarian			
			Fox Crime Serbia	TV	DVB	3/4	27.700	Conax/Cryptoworks/Videoguard		English			
			BNT 1	TV	DVB	3/4	27.700	Cryptoworks/Videoguard		Bulgarian			
			Fox Life Serbia	TV	DVB	3/4	27.700	Conax/Cryptoworks/Videoguard		English			
			Radio Srbija	radio	DVB	3/4	27.700						
			Jazz FM Radio	radio	DVB	3/4	27.700			Bulgarian			
Darik Radio	radio	DVB	3/4	27.700			Bulgarian						
Radio Veronika	radio	DVB	3/4	27.700			Bulgarian						
Radio 1 Rock	radio	DVB	3/4	27.700			Bulgarian						
Ok Radio	radio	DVB	3/4	27.700			Serbian						
Radio Z-Rock	radio	DVB	3/4	27.700			Bulgarian						
Hristo Botev	radio	DVB	3/4	27.700			Bulgarian						
D 11.178	V	Wide	Total TV	package	DVB	3/4	27.500	Cryptoworks/Irdeto 2/Videoguard					
			Pink Music	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2/Videoguard		Serbian			
			Pink Plus	TV	DVB	3/4	Y 27.500	Cryptoworks/Irdeto 2/Videoguard		Serbian			
			Pink Extra	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2/Videoguard		Serbian			
			Pink BH	TV	DVB	3/4	Y 27.500	Irdeto 2/Videoguard		Serbian			
			Pink M	TV	DVB	3/4	Y 27.500	Irdeto 2/Videoguard		Serbian			
			Pink Srbija	TV	DVB	3/4	Y 27.500	Irdeto 2/Videoguard		Serbian			
			Pink Action	TV	DVB	3/4	27.500	Irdeto 2/Videoguard		Serbian			
			Pink Kids	TV	DVB	3/4	27.500	Irdeto 2/Videoguard		Serbian			
			Pink Family	TV	DVB	3/4	27.500	Irdeto 2/Videoguard		Serbian			
			FTV SEE	TV	DVB	3/4	27.500						
			Pink Movies	TV	DVB	3/4	27.500	Irdeto 2/Videoguard		Serbian			
			Pink Film	TV	DVB	3/4	27.500	Irdeto 2/Videoguard		Serbian			
			Pink Radio	radio	DVB	3/4	27.500			Serbian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 11.283	H	Wide	Radio Index	radio	DVB	3/4	27.500		Serbian			
			<u>Tring Digital</u>	package	DVB	5/6	27.500	Conax/Cryptoworks				
			EI EMEA	TV	DVB	5/6	27.500	Conax		English		
			RTV 21 Sat	TV	DVB	5/6	27.500	Conax		Albanian		
			Kohavision	TV	DVB	5/6	27.500	Conax		Albanian		
			Scan TV	TV	DVB	5/6	27.500	Conax		Albanian		
			Hustler TV Europe	TV	DVB	5/6	27.500	Conax		English		
			Tring Planet	TV	DVB	5/6	27.500	Conax		English		
			Disney Channel South East Europe	TV	DVB	5/6	27.500	Conax/Cryptoworks		English,Bulgarian		
			Tring Tring	TV	DVB	5/6	27.500	Conax		Albanian		
			Tring Comedy	TV	DVB	5/6	27.500	Conax		Albanian		
			Tring Max	TV	DVB	5/6	27.500	Conax		Albanian		
			Neser TV	TV	DVB	5/6	27.500	Conax		English		
			VH1 Europe A	TV	DVB	5/6	27.500	Conax/Cryptoworks		English		
			Tring Shqip	TV	DVB	5/6	27.500	Conax		Albanian		
			Tring Serial	TV	DVB	5/6	27.500	Conax		Albanian		
			Folk +	TV	DVB	5/6	27.500	Conax		Albanian		
			Tring Sport News	TV	DVB	5/6	27.500	Conax		Albanian		
			Tring Super	TV	DVB	5/6	27.500	Conax		Albanian		
			Club TV	TV	DVB	5/6	27.500	Conax		Albanian		
			Tring Life	TV	DVB	5/6	27.500	Conax		Albanian		
			Vizion Plus	TV	DVB	5/6	27.500			Albanian		
			Tring World	TV	DVB	5/6	27.500	Conax		Albanian		
Club FM	radio	DVB	5/6	27.500			Albanian					
+2 Radio	radio	DVB	5/6	27.500								
D 11.304	V	Wide	<u>Arqiva</u>	package	DVB	3/4	30.000	Conax/Cryptoworks/PowerVu/Videoguard				
			Royal Bank of Scotland TV	TV	DVB	3/4	30.000	PowerVu				
			Viasat History	TV	DVB	3/4	30.000	Cryptoworks/Videoguard		English		
			EBF	TV	DVB	3/4	30.000			Bulgarian		
			AXN Bulgaria	TV	DVB	3/4	30.000	Cryptoworks/Videoguard		Bulgarian		
			SK Folk	TV	DVB	3/4	30.000			Bulgarian		
			Hallmark Channel Bulgaria	TV	DVB	3/4	30.000	Cryptoworks/Videoguard		Bulgarian		
			Planeta TV	TV	DVB	3/4	30.000	Cryptoworks		Bulgarian		
			Folklor TV	TV	DVB	3/4	30.000			Bulgarian		
			Premium Digital	TV	DVB	3/4	30.000	Cryptoworks/Videoguard		Bulgarian		
			National Westminster Bank TV	TV	DVB	3/4	30.000	PowerVu				
			BTV Comedy	TV	DVB	3/4	30.000	Cryptoworks/Videoguard		Bulgarian		
			<u>Sony Pictures TV International</u>	package	DVB	3/4	27.500	PowerVu/Viaccess 2.6/Videoguard				
			AXN Bulgaria	TV	DVB	3/4	27.500	PowerVu		Bulgarian,English		
			AXN Crime	TV	DVB	3/4	27.500	PowerVu		Hungarian,Bulgarian,Polish,Romanian,Czech		
			AXN Sci-Fi	TV	DVB	3/4	27.500	PowerVu		Hungarian,Bulgarian,Polish,Romanian,Czech		
			AXN Deutschland	TV	DVB	3/4	27.500	Viaccess 2.6		English,German		
AXN Polska	TV	DVB	3/4	Y 27.500	PowerVu		Polish,English					
AXN Central Europe	TV	DVB	3/4	Y 27.500	PowerVu		Hungarian,Czech,Bulgarian,Polish					
AXN Romania	TV	DVB	3/4	Y 27.500	PowerVu		Romanian,Hungarian,Czech,English					
AXN Sci-Fi Polska	TV	DVB	3/4	27.500	PowerVu		Polish,English					
AXN Crime Polska	TV	DVB	3/4	27.500	PowerVu		Polish,English					
Animax South Africa	TV	DVB	3/4	27.500	PowerVu		English					
AXN Adria	TV	DVB	3/4	27.500	Viaccess 2.6/Videoguard		English					
SET Africa	TV	DVB	3/4	27.500	Viaccess 2.6		English					
Animax Deutschland	TV	DVB	3/4	27.500	PowerVu		German,English					
D 11.428	V	Wide	<u>Total TV</u>	package	DVB	5/6	30.000	Cryptoworks/Videoguard				
			TV Avala	TV	DVB	5/6	Y 30.000	Videoguard		Serbian		
			Fox TV Srbija	TV	DVB	5/6	Y 30.000	Videoguard		Serbian		
			Federalna TV	TV	DVB	5/6	Y 30.000	Videoguard		Bosnian		
			Alternativna TV	TV	DVB	5/6	Y 30.000	Videoguard		Serbian		
			RTRS TV	TV	DVB	5/6	Y 30.000	Videoguard		Serbian		
			OBN	TV	DVB	5/6	Y 30.000	Videoguard		Bosnian		
			HBO Adria	TV	DVB	5/6	Y 30.000	Cryptoworks/Videoguard		Serbian,Croatian,Slovenian		
			Discovery Travel & Living Europe	TV	DVB	5/6	30.000	Cryptoworks/Videoguard		English		
			Top Shop TV Serbia	TV	DVB	5/6	30.000	Videoguard		Serbian		
			Cinemax 2 Central Europe	TV	DVB	5/6	30.000	Cryptoworks/Videoguard		Serbian,Slovenian,Croatian,Bulgarian		
			Golf Klub	TV	DVB	5/6	30.000	Videoguard		Serbian,Croatian,Slovenian		
			Pink Folk	TV	DVB	5/6	30.000	Cryptoworks/Videoguard		Serbian		
			Sport Klub + South East Europe	TV	DVB	5/6	30.000	Videoguard		Serbian,Slovenian,Croatian		
			HBO Comedy Adria	TV	DVB	5/6	Y 30.000	Cryptoworks/Videoguard		Serbian,Slovenian,Croatian,Bulgarian		
			D 11.449	H	Wide	<u>DigitAlb</u>	package	DVB	7/8	27.500	Conax	

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text	Access	Lang.	
				Digital	FEC	MHz				
				Digital	FEC	MSy/s				
D 11.471	V	Wide	MusicAl	TV	DVB	7/8	27.500	Conax	Albanian	
			SuperSport 1	TV	DVB	7/8	27.500	Conax	Albanian	
			SuperSport 2	TV	DVB	7/8	27.500	Conax	Albanian	
			SuperSport 3	TV	DVB	7/8	27.500	Conax	Albanian	
			SuperSport 4	TV	DVB	7/8	27.500	Conax	Albanian	
			SuperSport 5	TV	DVB	7/8	27.500	Conax	Albanian	
			News 24	TV	DVB	7/8	Y 27.500	Conax	Albanian	
			Digi Gold	TV	DVB	7/8	27.500	Conax	Albanian	
			TV Shqiptar	TV	DVB	7/8	27.500	Conax	Albanian	
			Ora News	TV	DVB	7/8	27.500	Conax	Albanian	
			Kohavision	TV	DVB	7/8	27.500	Conax	Albanian	
			RTV 21 Sat	TV	DVB	7/8	27.500	Conax	Albanian	
			Klan Kosova	TV	DVB	7/8	27.500	Conax	Albanian	
			TV Klan	TV	DVB	7/8	27.500	Conax	Albanian	
			Koha TV	TV	DVB	7/8	27.500	Conax	Albanian	
			TV Romania	package	DVB	3/4	29.950			
			TVR International	TV	DVB	3/4	Y 29.950			Romanian
			TVR Info	TV	DVB	3/4	Y 29.950			Romanian
			TVR Cultural	TV	DVB	3/4	Y 29.950			Romanian
			TVR 3	TV	DVB	3/4	Y 29.950			Romanian
			TVR 1	TV	DVB	3/4	Y 29.950	Viaccess 2.6		Romanian
			TVR 2	TV	DVB	3/4	Y 29.950	Viaccess 2.6		Romanian
			Radio România International	radio	DVB	3/4	29.950			
			România în direct	radio	DVB	3/4	29.950			Romanian
D 11.492	H	Madagascar	Parabole Océan Indien	package	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		
			BFM TV	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Cinecinema Émotion	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Chasse & Pêche	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			SuperSport 3 Africa	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		English
			Télé Réunion	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			RFO Tempo	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Cinecinema Famiz	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Discovery Real Time France	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			RTL 9	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Noot TV	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			TéléToon France	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Mangas	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Antenne Réunion	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Discovery Channel France	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Cinecinema Star	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Série Club	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Disney XD France	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			M6	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Cinecinema Premier	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Cinecinema Frisson	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			TF 6	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Cinecinema Classic	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Cinecinema Club	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Téva	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Chérie FM	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			RER	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Radio One	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Exo FM	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Kréol FM	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Radio Festival	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			NRJ Réunion	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Koi FM	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			D 11.513	V	Wide	TV Romania	package	DVB	3/4	29.950
TVR Craiova	TV	DVB				3/4	Y 29.950		Romanian	
TVR Cluj	TV	DVB				3/4	Y 29.950		Romanian	
TVR Iasi	TV	DVB				3/4	Y 29.950		Romanian	
TVR Timisoara	TV	DVB				3/4	Y 29.950		Romanian	
TVR HD	TV	DVB	3/4	29.950	Viaccess 2.6		Romanian			
D 11.534	H	Madagascar	CanalSat Réunion	package	DVB	3/4	30.000	Mediaguard 2		
			Disney Channel France	TV	DVB	3/4	30.000	Mediaguard 2	French	
			Paris Première	TV	DVB	3/4	30.000	Mediaguard 2	French	
			Trace TV	TV	DVB	3/4	30.000	Mediaguard 2	French	
			Eurosport France	TV	DVB	3/4	30.000	Mediaguard 2	French	
			13ème Rue	TV	DVB	3/4	30.000	Mediaguard 2	French	
			TCM France	TV	DVB	3/4	30.000	Mediaguard 2	French,English	

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text	Access	Lang.
				Digital	FEC	MHz			
D 11.554	V	Wide	L'Équipe TV	TV	DVB	3/4	30.000	Mediaguard 2	French
			W9	TV	DVB	3/4	30.000	Mediaguard 2	French
			TV 5 Monde Afrique	TV	DVB	3/4	30.000	Mediaguard 2	French
			Voyage	TV	DVB	3/4	30.000	Mediaguard 2	French
			TMC	TV	DVB	3/4	30.000	Mediaguard 2	French
			France Ô	TV	DVB	3/4	30.000	Mediaguard 2	French
			RFO Tempo	TV	DVB	3/4	30.000	Mediaguard 2	French
			Canal J	TV	DVB	3/4	30.000	Mediaguard 2	French
			MCM France	TV	DVB	3/4	30.000	Mediaguard 2	French
			Planète France	TV	DVB	3/4	30.000	Mediaguard 2	French
			LCI	TV	DVB	3/4	30.000	Mediaguard 2	French
			↳Télé	TV	DVB	3/4	30.000	Mediaguard 2	French
			<u>Total TV</u>	package	DVB	7/8	30.000	Cryptoworks/Irdeto 2/Videoguard	
			RTS 1	TV	DVB	7/8	Y 30.000	Videoguard	Serbian
			Kanal D	TV	DVB	7/8	30.000	Videoguard	Serbian,English
			Disney XD Türkiye	TV	DVB	7/8	30.000	Videoguard	English
			Studio B	TV	DVB	7/8	30.000	Videoguard	Serbian
			RTS 2	TV	DVB	7/8	Y 30.000	Videoguard	Serbian
			Sport Klub Serbia	TV	DVB	7/8	Y 30.000	Videoguard	Serbian
			Happy TV	TV	DVB	7/8	Y 30.000	Irdeto 2/Videoguard	Serbian
Enter TV	TV	DVB	7/8	Y 30.000	Videoguard	Serbian			
Kosava	TV	DVB	7/8	Y 30.000	Irdeto 2/Videoguard	Serbian			
DoQ South East Europe	TV	DVB	7/8	30.000	Videoguard	English			
SOS Kanal	TV	DVB	7/8	30.000	Videoguard	Serbian			
TV B92	TV	DVB	7/8	Y 30.000	Videoguard	Serbian			
Ultra TV	TV	DVB	7/8	30.000	Videoguard	Serbian			
Film + Serbia	TV	DVB	7/8	30.000	Videoguard	Serbian			
Cinemanía	TV	DVB	7/8	30.000	Videoguard	Serbian			
B92 FM	radio	DVB	7/8	30.000	Videoguard	Serbian			
D 11.575	H	Madagascar	<u>CanalSat Réunion</u>	package	DVB	3/4	30.000	Mediaguard 2	
			Kanal Austral	TV	DVB	3/4	30.000	Mediaguard 2	French
			Game One	TV	DVB	3/4	30.000	Mediaguard 2	French
			MCM Pop	TV	DVB	3/4	30.000	Mediaguard 2	French
			BBC World News	TV	DVB	3/4	30.000	Mediaguard 2	English
			Disney Cinemagic France	TV	DVB	3/4	30.000	Mediaguard 2	French
			Téva	TV	DVB	3/4	30.000	Mediaguard 2	French
			Cuisine TV	TV	DVB	3/4	30.000	Mediaguard 2	French
			Motors TV	TV	DVB	3/4	30.000	Mediaguard 2	French
			XXL	TV	DVB	3/4	30.000	Mediaguard 2	French
			Télé Maison	TV	DVB	3/4	30.000	Mediaguard 2	French
			Playhouse Disney France	TV	DVB	3/4	30.000	Mediaguard 2	French
			MTV France	TV	DVB	3/4	30.000	Mediaguard 2	French
			Sport +	TV	DVB	3/4	30.000	Mediaguard 2	French
			EuroNews	TV	DVB	3/4	30.000	Mediaguard 2	French
			LCP	TV	DVB	3/4	30.000	Mediaguard 2	French
			Antenne Réunion	TV	DVB	3/4	30.000	Mediaguard 2	French
			Planète No Limit	TV	DVB	3/4	30.000	Mediaguard 2	French
D 11.617	H	Madagascar	<u>Parabole Océan Indien</u>	package	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	
			Eurosport 2	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Piwi	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			M6 Music Black	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			SuperSport 7 Africa	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	English
			Planète Justice	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			W9	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Dorcel TV	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	
			Comedie	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			TPS Foot	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			CNN International	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	English
			Eurosport France	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			TV Breizh	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	
			M6 Music Hits	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Odyssée	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			TPS Star	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			LCI	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Equidia	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			LCP	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			TF 1	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
Star Plus	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	Hindi			
InfoSport	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
Radio Réunion	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.			
				Digital	FEC						
D 11.658	H	Madagascar	Nostalgie la légende	radio	DVB	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French			
			RCF	radio	DVB	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French			
			Radio Musique Infos Mayotte	radio	DVB	3/4	29.950 Viaccess 2.3/Viaccess 2.5				
			Top FM	radio	DVB	3/4	29.950 Viaccess 2.3/Viaccess 2.5				
			Radio Tana	radio	DVB	3/4	29.950 Viaccess 2.3/Viaccess 2.5				
			Gasy Radio	radio	DVB	3/4	29.950 Viaccess 2.3/Viaccess 2.5				
			Free Dom	radio	DVB	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French			
			Radio Plus FM	radio	DVB	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French			
			Europe 1 Sport	radio	DVB	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French			
			RTL	radio	DVB	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French			
			Europe 1	radio	DVB	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French			
			Radio Classique	radio	DVB	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French			
			<u>CanalSat Réunion</u>	package	DVB	3/4	30.000 Mediaguard 2				
			TF 1	TV	DVB	3/4	30.000 Mediaguard 2	French			
			Canal + Sport Réunion	TV	DVB	3/4	30.000 Mediaguard 2	French			
			Equidia	TV	DVB	3/4	30.000 Mediaguard 2	French			
			Disney XD France	TV	DVB	3/4	30.000 Mediaguard 2	French			
			Canal + Family	TV	DVB	3/4	30.000 Mediaguard 2	French			
			Canal + Réunion	TV	DVB	3/4	30.000 Mediaguard 2	French			
			Cinecinema Premier	TV	DVB	3/4	30.000 Mediaguard 2	French			
			Cinecinema Émotion	TV	DVB	3/4	30.000 Mediaguard 2	French			
			Télé Réunion	TV	DVB	3/4	30.000 Mediaguard 2	French			
			Canal + Cinéma Réunion	TV	DVB	3/4	30.000 Mediaguard 2	French			
			M6	TV	DVB	3/4	30.000 Mediaguard 2	French			
			Cinecinema Frisson	TV	DVB	3/4	30.000 Mediaguard 2	French			
			TF 6	TV	DVB	3/4	30.000 Mediaguard 2	French			
			France Info	radio	DVB	3/4	30.000 Mediaguard 2	French			
			Le Mouv'	radio	DVB	3/4	30.000 Mediaguard 2	French			
			RFM	radio	DVB	3/4	30.000 Mediaguard 2	French			
			France Vivace	radio	DVB	3/4	30.000 Mediaguard 2	French			
			Frequence Jazz	radio	DVB	3/4	30.000 Mediaguard 2	French			
			Radio France Internationale	radio	DVB	3/4	30.000 Mediaguard 2	French			
			Radio Réunion	radio	DVB	3/4	30.000 Mediaguard 2	French			
			La Météo	interacti	DVB	3/4	30.000 Mediaguard 2				
			PMU Direct	interacti	DVB	3/4	30.000 Mediaguard 2				
			D 12.726	V	Wide	<u>STN</u>	package	DVB	3/4	30.000	
						Best of Macedonia	TV	DVB	3/4	30.000	Macedonian
						TV Valentino	TV	DVB	3/4	30.000	Bosnian
						Canal Motor	TV	DVB	3/4	30.000	Norwegian
						K-15 TV	TV	DVB	3/4	30.000	Macedonian
						AB kanal	TV	DVB	3/4	30.000 Irdeto 2/Videoguard	Macedonian
						Sitel 3	TV	DVB	3/4	30.000 Irdeto 2/Videoguard	Macedonian
						Sitel TV	TV	DVB	3/4	30.000	Macedonian
JRT Music	TV	DVB				3/4	30.000	Serbian			
K-15 Music	TV	DVB				3/4	30.000	Macedonian			
Svet Plus	TV	DVB				3/4	30.000 Y	Serbian			
MKTV Sat	TV	DVB				3/4	30.000	Macedonian			
Art Channel	TV	DVB				3/4	30.000				
Astro	TV	DVB				3/4	30.000	Serbian			
TV 1 Channel	TV	DVB				3/4	30.000	Bulgarian			
TV Duga Sat	TV	DVB				3/4	30.000	Serbian			
Alfa TV	TV	DVB				3/4	30.000 Irdeto 2/Videoguard	Macedonian			
EKids	TV	DVB				3/4	30.000	Bulgarian			
Radio Posavina	radio	DVB				3/4	30.000	Croatian			
Radio Plehan	radio	DVB				3/4	30.000	Croatian			
Radio Biser Posavine	radio	DVB				3/4	30.000				
Radio Venera	radio	DVB				3/4	30.000	Bosnian			
Vulkanradio	radio	DVB				3/4	30.000	Serbian			
Izvorni Radio	radio	DVB				3/4	30.000				
Top 3 Radio	radio	DVB				3/4	30.000	Serbian			
Radio Stil	radio	DVB				3/4	30.000				
Radio Koktel	radio	DVB				3/4	30.000	Bosnian			
Radio S	radio	DVB				3/4	30.000	Serbian			
Radio Velkaton	radio	DVB				3/4	30.000	Bosnian			
Radio Svet Plus	radio	DVB				3/4	30.000	Serbian			
Posavski Radio	radio	DVB				3/4	30.000	Croatian			
Yu Planet Radio	radio	DVB				3/4	30.000	Serbian			
Radio Grand	radio	DVB				3/4	30.000	Serbian			
Radio Vrhovine	radio	DVB				3/4	30.000				
Kiss Extra	radio	DVB				3/4	30.000				

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz			Text MSy/s	Access	Lang.
				Digital	FEC				
			Vikom Radio	radio	DVB	3/4	30.000		Serbian
			Radio Ognjisce	radio	DVB	3/4	30.000		Slovenian
			Kiss Rom	radio	DVB	3/4	30.000		Serbian
			Radio Glas Drine	radio	DVB	3/4	30.000		Bosnian
			Kiss Radio	radio	DVB	3/4	30.000		Serbian
			Radio 1	radio	DVB	3/4	30.000		Slovenian
			Doina Radio	radio	DVB	3/4	30.000		Serbian
			Radio Brod	radio	DVB	3/4	30.000		Croatian
			VIP Radio	radio	DVB	3/4	30.000		Serbian
			Radio Komusina	radio	DVB	3/4	30.000		
			Radio Valentino	radio	DVB	3/4	30.000		Bosnian
			Stil Radio	radio	DVB	3/4	30.000		
			Bobar Radio	radio	DVB	3/4	30.000		

W2A (10°EAST)

D 11.305	V	Europe	<u>NBA TV</u>	package	DVB-S2	5/6	30.000	BISS	
			NBA TV	TV	DVB-S2	5/6	30.000	BISS	English

W3A (7°EAST)

D 10.845	V	Europe B	SkyDSL	interacti	DVB	3/4	27.500		
A 10.928	H	Europe B	SporMax	TV	DVB-S2	2/3	30.000	Cryptoworks/Irdeto 2	Turkish
A 10.928	H	Europe B	Lig TV	TV	DVB-S2	2/3	30.000	Cryptoworks/Irdeto 2	Turkish
A 10.928	H	Europe B	Eurosport	TV	DVB-S2	2/3	30.000	Cryptoworks/Irdeto 2	Turkish,English
A 10.928	H	Europe B	DiziMax	TV	DVB-S2	2/3	30.000	Irdeto 2	Turkish
A 10.928	H	Europe B	National Geographic Channel HD UK	TV	DVB-S2	2/3	30.000	Irdeto 2	Turkish,English
A 10.928	H	Europe B	MovieMax HD	TV	DVB-S2	2/3	30.000	Irdeto 2	Turkish
A 10.928	H	Europe B	DigiTurk	package	DVB-S2	2/3	30.000	Cryptoworks/Irdeto 2	
D 10.928	V	Europe B	Eurosport 2 Bundesliga	TV	DVB	3/4	27.500	Viaccess 3.0	English
D 10.928	V	Europe B	I.D.	radio	DVB	3/4	27.500		
D 10.928	V	Europe B	Soft Pop	radio	DVB	3/4	27.500		
D 10.928	V	Europe B	Cocktail	radio	DVB	3/4	27.500		
D 10.928	V	Europe B	Classic	radio	DVB	3/4	27.500		
D 10.928	V	Europe B	Mix	radio	DVB	3/4	27.500		
D 10.928	V	Europe B	Gold	radio	DVB	3/4	27.500		
D 10.928	V	Europe B	Chartbusters Radio	radio	DVB	3/4	27.500		English
D 10.928	V	Europe B	Hits Online	radio	DVB	3/4	27.500		
D 10.928	V	Europe B	OpenSky	package	DVB	3/4	27.500	Viaccess 3.0/BISS	
D 10.928	V	Europe B	OpenSky	interacti	DVB	3/4	27.500		
D 11.262	H	Europe A	OpenSky	interacti	DVB	3/4	27.500		
D 11.283	V	Europe A	GlobeCast	package	DVB	3/4	27.500		
			M6 Suisse	TV	DVB	3/4	Y 27.500		French
			Eurosport	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0	English,German,French
			Eurosport 2	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	English
			Eurosport News	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0	English,Russian
			RFI Français	radio	DVB	3/4	27.500		French
			Buffalo Grill	radio	DVB	3/4	27.500	Viaccess 2.5	
			RFI Langues 1	radio	DVB	3/4	27.500		
			RFI Musique	radio	DVB	3/4	27.500		
			RFI Diverse 4	radio	DVB	3/4	27.500		
			RFI Diverse 3	radio	DVB	3/4	27.500		
			RFI Latine	radio	DVB	3/4	27.500		
			RFI Diverse 7	radio	DVB	3/4	27.500		
			RFI Diverse 2	radio	DVB	3/4	27.500		
			RFI Diverse 1	radio	DVB	3/4	27.500		
			RFI Afrique	radio	DVB	3/4	27.500		
			RFI Français	radio	DVB	3/4	27.500		French
			RFI Langues Diverse	radio	DVB	3/4	27.500		
			RFI Langues Est	radio	DVB	3/4	27.500		
			Monte Carlo Doualiya	radio	DVB	3/4	27.500		Arabic
			RFI Diverse 6	radio	DVB	3/4	27.500		
D 11.324	V	Europe A	Multi-Channel BFBS	package	DVB	2/3	27.500	Cryptoworks	
			BFBS 3 Kids	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			BFBS 1 Day Later	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			Sky News UK	TV	DVB	2/3	27.500	Cryptoworks	English
			Q	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			Sky Sports 2	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			BFBS 4	TV	DVB	2/3	Y 27.500	Cryptoworks	English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			BFBS 2	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			BFBS 1	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			Sky Sports 1	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			BFBS Radio Gibraltar	radio	DVB	2/3	27.500		English
			BFBS Radio Alternative Listening Europe	radio	DVB	2/3	27.500		English
			BFBS Gurkha Radio	radio	DVB	2/3	27.500		
			BFBS Radio Germany	radio	DVB	2/3	27.500		English
			BFBS Radio Navy	radio	DVB	2/3	27.500		English
			BFBS Radio Alternative Listening Cyprus	radio	DVB	2/3	27.500		English
			BFBS Radio Northern Ireland	radio	DVB	2/3	27.500		English
			BFBS Radio Balkans	radio	DVB	2/3	27.500		English
			BFBS Radio Alternative Listening World	radio	DVB	2/3	27.500	Cryptoworks	English
			BFBS Radio Cyprus	radio	DVB	2/3	27.500		English
			BFBS Radio Middle East	radio	DVB	2/3	27.500		English
			BFBS Radio Europe	radio	DVB	2/3	27.500		English
			BFBS Radio Afghanistan	radio	DVB	2/3	27.500		English
D 11.345	H	Europe A	<u>Eutelsat</u>	package	DVB	2/3	27.500		
			Africable	TV	DVB	2/3	27.500		French
			TPA Internacional	TV	DVB	2/3	27.500		Portuguese
			RTS 1	TV	DVB	2/3	27.500		French
			ORTM	TV	DVB	2/3	27.500		French
			2S TV	TV	DVB	2/3	27.500	Viaccess 2.6	French
			Eurosport 2 Deutschland	TV	DVB	2/3	Y 27.500	Viaccess 2.5/Viaccess 3.0	German
			Eurosport 2 FA Premier League	TV	DVB	2/3	27.500	Viaccess 3.0	English
			Hits Online	radio	DVB	2/3	27.500		
			Soft Pop	radio	DVB	2/3	27.500		
			Radio Sénégal International	radio	DVB	2/3	27.500		French
			La Radio Plus	radio	DVB	2/3	27.500		French
			Canal A	radio	DVB	2/3	27.500		Portuguese
			Chartbusters Radio	radio	DVB	2/3	27.500		English
			Gold	radio	DVB	2/3	27.500		
			Mix	radio	DVB	2/3	27.500		
			I.D.	radio	DVB	2/3	27.500		
			Classic	radio	DVB	2/3	27.500		
			Cocktail	radio	DVB	2/3	27.500		
D 11.452	V	Europe B	<u>DigiTurk</u>	package	DVB	2/3	25.066	Cryptoworks/Irdeto 2	
			TRT 4	TV	DVB	2/3	25.066		Turkish
			Halk TV	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2	Turkish
			Yaban	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2	Turkish
			Salonda Ne Var?	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2	Turkish
			Perviy kanal Europa	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2	Russian
			SES TV	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2	Turkish
			TRT Çocuk	TV	DVB	2/3	25.066		Turkish
			E! EMEA	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2	English
			Bugün TV	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2	Turkish
			Digi Kanal	TV	DVB	2/3	25.066		Turkish
			Kanal B	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2	Turkish
D 11.471	H	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Fashion TV Europe	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			EuroNews	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English,German,French,Spanish
			E2	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			TV Net	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			MTV Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			24	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			NTV Spor	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			Eurosport 2	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English
			Extreme Sports Channel	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English
			BBC Entertainment Europe	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English
			Mezzo	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Fox Life Turkey	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			Show Gallery	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
D 11.492	V	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			GS TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			Show Plus	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			Wedding TV Polska	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English
			TürkMax	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			Lig TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			TRT 2	TV	DVB	3/4	30.000		Turkish

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.	
				Digital	FEC					
D 11.513	H	Europe B	Zone Reality Europe	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English,Turkish	
			TRT 6	TV	DVB	3/4	30.000			Kurdish
			Samanyolu TV Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish
			DiziMax	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish
			TRT 1	TV	DVB	3/4	30.000	Y 30.000		Turkish
			<u>DigiTurk</u>	package	DVB	3/4	27.500	Cryptoworks/Irdeto 2		
			Iz TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2		Turkish
			Yumurcak TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2		Turkish
			BabyFirst TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2		Turkish,English
			Samanyolu Haber	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2		Turkish
			Power Türk TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2		Turkish
			Flash TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2		Turkish
			Bio UK	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2		Turkish,English
			TV 5 Monde Europe	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2		French
			Baby TV Europe	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2		Turkish,English
			Crime & Investigation Network UK	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2		Turkish,English
			Ajans Press	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2		
			IBB Trafik	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2		
			Jojo Interaktif	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2		
			Süper Lig Bilgi Kanali	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2		
			Müsteri Hizmetleri	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2		
			TV Hava Durumu	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2		
			Halk Bankasi	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2		
			Digiaktif	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2		
			Digiposta	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2		
			Masal TV	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2		Turkish
			Yemek Sepeti	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2		
			<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2		
			MovieMax 1	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish
			Kral TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish
			TRT 3	TV	DVB	3/4	30.000			Turkish
			Bloomberg TV Europe	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		English
			TV 8	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish
Cartoon Network Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish			
6 News	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish			
BBC World News	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		English			
CNN Türk	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish			
CNBC-E	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish			
NTV Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish			
Kanalurk	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish			
TV Finans	interacti	DVB	3/4	30.000	Cryptoworks/Irdeto 2					
<u>DigiTurk</u>	package	DVB	3/4	27.500	Cryptoworks/Irdeto 2					
FX Türkiye	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2		Turkish			
Cine 5	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2		Turkish			
TRT Turizm Belgesel	TV	DVB	3/4	27.500			Turkish			
TNT Türkiye	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2		Turkish			
Saudi Arabian TV 1	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2		Arabic			
Akilli TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2		Turkish			
Cem TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2		Turkish			
Kanal A	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2		Turkish			
Radio Banca Popolare di Vicenza	radio	DVB	3/4	27.500			Italian			
<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2					
Salon 2	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish			
Vip TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2					
Jetix Play	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish,English,Russian,Polish			
NBA TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		English			
Disney XD Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish,English			
Salon 1	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish			
Blue Hustler Europe	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish			
Kanal D	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish			
Show TV	TV	DVB	3/4	30.000	Y 30.000	Cryptoworks/Irdeto 2	Turkish			
Show Max	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish			
<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2					
Lig TV Ticari	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish			
SporMax	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish			
Fox Sports Turkey	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		English			
TGRT Haber	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish			
Al Jazeera English	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		English			
FBTV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish			
MyMax	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish,English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.617	V	Europe B	GoldMax 2	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			TJK TV	TV	DVB	3/4	30.000		Turkish
			Habertürk	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			CNN International Europe	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English
			Rai Uno	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Italian
			Bilyoner.com	interacti	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Nat Geo Wild Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English
			The History Channel Turkey	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English
			TRT Türk	TV	DVB	3/4	30.000		Turkish
			Home TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			Aquavision	TV	DVB	3/4	30.000		
			National Geographic Channel Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English,Turkish
			VH1 Europe A	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English
			MCM Top	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	French
			Star TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			Mehtap TV	TV	DVB	3/4	30.000		Turkish
			Nickelodeon Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English
			Yoga Zone	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Blues	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Reggae	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Latin	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Dance Classics	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Dance	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Chill Out/Lounge	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Jazz Classics	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Easy Listening	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Alternative Rock	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			International	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			R&B	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Symphonic	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Smooth Jazz	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Opera	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Hip Hop R&B	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Songs of Love	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			70's Hits	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Masal Radyo	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			Lig Radyo	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			Radyo Spor	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			Alem FM	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			Classical Rock	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Radio Time	radio	DVB	3/4	30.000		Turkish
			Nu Jazz	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			2000's Hits	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			90's Hits	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			80's Hits	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			50's/60's Hits	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
Classical Music	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
Hard Rock	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
Arion Radio	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Greek			
Standards	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
Kanal 532	interacti	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
Jolly Tatil TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
Kanal 1	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
ActionMax	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
GoldMax	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
The MGM Channel East Europe	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
Avrasya TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
Pro Sieben Schweiz	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	German			
TRT Avaz	TV	DVB	3/4	30.000		Turkish			
Intimacy	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
Jojo	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
Business TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
Yacht & Sail International	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English,French			
Erotik Oyunlar	interacti	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
Digioyun	interacti	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
D 11.678	H	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
			Fox Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			Kanal 7	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
			Dream TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			Eurosport	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English
			Disney Channel Middle East	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English
			Ülke TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			MovieMax 2	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			ComedyMax	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English
			TRT Müzik	TV	DVB	3/4	30.000		Turkish
			Salon 3	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
			Sky Turk	TV	DVB	3/4	30.000		Turkish
			ATV Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
D 12.520	V	Africa	Skylogic	interacti	DVB	1/2	27.500		
D 12.645	V	Africa	<u>Televisa Networks</u>	package	DVB	?	30.000	Viaccess	
			De Película Europa/Australia	TV	DVB	?	30.000	Viaccess	Spanish
			TeleHit	TV	DVB	?	30.000	Viaccess	Spanish
			TL Novelas Europa	TV	DVB	?	30.000	Viaccess	Spanish
			Ritmoson Latino	TV	DVB	?	30.000	Viaccess	Spanish
			Setanta Africa	TV	DVB	?	30.000	Viaccess	English
			Clásico TV	TV	DVB	?	30.000	Viaccess	Spanish
D 12.728	V	Africa	<u>Free2View</u>	package	DVB	5/6	30.000		
			RTS 1	TV	DVB	5/6	30.000		French
			TPA Internacional	TV	DVB	5/6	30.000		Portuguese
			2S TV	TV	DVB	5/6	30.000		French
			P Sat TV	TV	DVB	5/6	30.000		
			MTA International	TV	DVB	5/6	30.000		Urdu
			TV Zimbo	TV	DVB	5/6	30.000		Portuguese
			La Chaîne de Futur	TV	DVB	5/6	30.000		French
			Radio Sénégal International	radio	DVB	5/6	30.000		French
			City FM	radio	DVB	5/6	30.000		French
			RFI Océan Indien	radio	DVB	5/6	30.000		French
			RFI Afrique	radio	DVB	5/6	30.000		French
			Origine FM	radio	DVB	5/6	30.000		

W4 (36°EAST)

D 11.727	L	Russia	<u>Poverkhnost Plus</u>	package	DVB	3/4	27.500		
			TVI	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian
			Sport 2	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Ukrainian
			Pershiy Avtomobilniy	TV	DVB	3/4	27.500		Ukrainian
			Biz TV	TV	DVB	3/4	27.500		Russian
			ChP Info	TV	DVB	3/4	27.500		Russian
			Shanson TV	TV	DVB	3/4	27.500		Russian
			Top Shop TV Russia	TV	DVB	3/4	27.500		Russian
			Expert TV	TV	DVB	3/4	27.500		Russian
			K+	TV	DVB	3/4	27.500		Russian
			Sport 1	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Ukrainian
			TV 3	TV	DVB	3/4	27.500		Russian
D 11.900	H	Nigeria	<u>HiTV</u>	package	DVB	7/8	27.500	Conax	
			Setanta Africa	TV	DVB	7/8	27.500	Conax	English
			Zee Cinema UK	TV	DVB	7/8	27.500	Conax	Hindi
			Hi Mix	TV	DVB	7/8	27.500	Conax	English
			Hi Nolly	TV	DVB	7/8	27.500	Conax	English
			Hi Sports 2	TV	DVB	7/8	27.500	Conax	English
			Hi Sports	TV	DVB	7/8	27.500	Conax	English
			Al Jazeera English	TV	DVB	7/8	27.500	Conax	English
			Fox News Channel	TV	DVB	7/8	27.500	Conax	English
			Bloomberg TV Europe	TV	DVB	7/8	27.500	Conax	English
			BBC World News	TV	DVB	7/8	27.500	Conax	English
			Sky News International	TV	DVB	7/8	27.500	Conax	English
			Eurosport News	TV	DVB	7/8	27.500	Conax	English
			Hi Soccer	TV	DVB	7/8	27.500	Conax	English
			Silverbird TV	TV	DVB	7/8	27.500	Conax	English
			SET Africa	TV	DVB	7/8	27.500	Conax	English
D 12.073	L	Russia	<u>NTV Plus</u>	package	DVB-S2	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			HD Sport	TV	DVB-S2	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			HD Life	TV	DVB-S2	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Eurosport	TV	DVB-S2	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Discovery HD Europe	TV	DVB-S2	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			MTVN HD	TV	DVB-S2	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			HD Kino	TV	DVB-S2	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
D 12.111	L	Russia	<u>Poverkhnost Plus</u>	package	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 12.130	H	Nigeria	Music HD	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	English			
			1+1	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Ukrainian			
			National Geographic Channel HD	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Russian			
			Russia & Turkey									
			TRK Ukraina	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Ukrainian			
			Citi	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Ukrainian			
			Kino	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Ukrainian			
			M1	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Ukrainian			
			Telekanal STB	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Ukrainian			
			Novy Kanal	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Ukrainian			
			ICTV	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Ukrainian			
			Sport HD	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Ukrainian			
			Eurosport	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Russian			
			M2 Estrada	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Ukrainian			
			HiTV	package	DVB	7/8	27.500	Conax				
			KidsCo	TV	DVB	7/8	27.500	Conax				
			Hi Plus	TV	DVB	7/8	27.500	Conax	English			
			DoveVision	TV	DVB	7/8	27.500	Conax	English			
			Hi Movies	TV	DVB	7/8	27.500	Conax	English			
			Discovery World	TV	DVB	7/8	27.500	Conax	English			
			Nickelodeon	TV	DVB	7/8	27.500	Conax	English			
			BET UK	TV	DVB	7/8	27.500	Conax	English			
			Nigezie	TV	DVB	7/8	27.500	Conax	English			
TV Continental	TV	DVB	7/8	27.500	Conax							
Trace TV	TV	DVB	7/8	27.500	Conax	French						
Amuludun TV	TV	DVB	7/8	27.500	Conax							
Biscon World	TV	DVB	7/8	27.500	Conax	English						
E! EMEA	TV	DVB	7/8	27.500	Conax	English						
God TV Europe	TV	DVB	7/8	27.500	Conax	English						
Hi Kids	TV	DVB	7/8	27.500	Conax	English						
Classic 97.3 FM	radio	DVB	7/8	27.500	Conax	English						
The Beat 99.9 FM	radio	DVB	7/8	27.500	Conax	English						
Rhythm 93.7	radio	DVB	7/8	27.500	Conax	English						
Brila FM	radio	DVB	7/8	27.500	Conax							
D 12.169	H	Nigeria	MultiChoice Africa	package	DVB	3/4	27.500	Irdeto 2				
			Inspiration Network International	TV	DVB	3/4	27.500	Irdeto 2	English			
			CNBC Africa	TV	DVB	3/4	27.500	Irdeto 2	English			
			SuperSport 3 Nigeria	TV	DVB	3/4	27.500	Irdeto 2	English			
			Max UK	TV	DVB	3/4	27.500	Irdeto 2	Hindi			
			Islam Channel	TV	DVB	3/4	27.500	Irdeto 2	English			
			BET UK	TV	DVB	3/4	27.500	Irdeto 2	English			
			ESPN Classic Europe	TV	DVB	3/4	27.500	Irdeto 2	English			
			Ghana TV	TV	DVB	3/4	27.500	Irdeto 2	English			
			Trace TV	TV	DVB	3/4	27.500	Irdeto 2	French			
			Nat Geo Wild Europe	TV	DVB	3/4	27.500	Irdeto 2	English			
			CBeebies South Africa	TV	DVB	3/4	27.500	Irdeto 2	English			
			Lagos TV	TV	DVB	3/4	27.500	Irdeto 2	English			
			BBC Knowledge South Africa	TV	DVB	3/4	27.500	Irdeto 2	English			
			SuperSport 10	TV	DVB	3/4	27.500	Irdeto 2	English			
D 12.190	L	Russia	Tricolor TV	package	DVB	3/4	20.000	DRE-Crypt				
			Mnogo TV	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			Nochnoy Club	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			Russkaya Noch	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			Kanal Teleputeshstviya	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			Ohotnik i Ribolov	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			Teen TV	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			Komedia TV	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			365 dnei TV	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			Auto Plus	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			Telenyanya	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			Dom Kino	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			Telekanal Zvezda	TV	DVB	3/4	20.000	DRE-Crypt	Russian			
			D 12.207	H	Nigeria	MultiChoice Africa	package	DVB	3/4	27.500	Irdeto 2	
						Metro TV	TV	DVB	3/4	27.500	Irdeto 2	
Iqraa	TV	DVB				3/4	27.500	Irdeto 2	Arabic			
NTA International	TV	DVB				3/4	27.500	Irdeto 2	English			
Soundcity Premium	TV	DVB				3/4	27.500	Irdeto 2	English			
MITV	TV	DVB				3/4	27.500	Irdeto 2	English			
AIT International UK	TV	DVB				3/4	27.500	Irdeto 2	English			
Big Brother Africa	TV	DVB				3/4	27.500	Irdeto 2	English			
Eurosport News	TV	DVB	3/4	27.500	Irdeto 2	English						

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
D 12.207	R	Russia	Rhythm 93.7	radio	DVB	3/4	27.500	Irdeto 2	English
			Star FM	radio	DVB	3/4	27.500	Irdeto 2	English
			Ray Power 106.5 FM	radio	DVB	3/4	27.500	Irdeto 2	English
			M-Web	interacti	DVB	3/4	27.500	Irdeto 2	
			<u>Poverkhnost Plus</u>	package	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	
			Cartoon Network Russia & South East Europe	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian,English
			Eurosport 2	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian
			RTV International Europe	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian
			Biz TV	TV	DVB-S2	3/4	27.500		Russian
			Hustler TV Europe	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	English
			Eurosport Russia	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian
			TCM Russia & South East Europe	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian,English
			The MGM Channel East Europe	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian
			National Geographic Channel Russia	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian,English
			Nickelodeon CIS	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian,English
			TRK Kyiv	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Russian
D 12.226	L	Russia	EuroNews	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian,English
			RBK TV	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Russian
			Travel Channel	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian,English
			Hallmark Channel Russia	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian,English
			XXL	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	French
			<u>Tricolor TV</u>	package	DVB	3/4	27.500	DRE-Crypt	
			TV Centr	TV	DVB	3/4	27.500	DRE-Crypt	Russian
			Bibigon	TV	DVB	3/4	27.500	DRE-Crypt	Russian
			REN TV	TV	DVB	3/4	27.500	DRE-Crypt	Russian
			DTV	TV	DVB	3/4	27.500	DRE-Crypt	Russian
			Tricolor TV Infokanal	TV	DVB	3/4	27.500		Russian
			5 Kanal	TV	DVB	3/4	27.500	DRE-Crypt	Russian
			Ru TV	TV	DVB	3/4	27.500	DRE-Crypt	Russian
			Telekanal Sport	TV	DVB	3/4	27.500	DRE-Crypt	Russian
			TNT	TV	DVB	3/4	27.500	DRE-Crypt	Russian
			Kultura Telekanal	TV	DVB	3/4	27.500	DRE-Crypt	Russian
NTV	TV	DVB	3/4	27.500	DRE-Crypt	Russian			
Telekanal Rossiya	TV	DVB	3/4	27.500	DRE-Crypt	Russian			
Perviy kanal	TV	DVB	3/4	27.500	DRE-Crypt				
Vesti	TV	DVB	3/4	27.500	DRE-Crypt	Russian			
D 12.245	R	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			TV 5 Monde Europe	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	French
			TeleKlub	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Detski Mir	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Russia Today	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			BBC World News	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			KinoHit	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Mir	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Nickelodeon CIS	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			World Fashion Channel Russia	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Bloomberg TV Europe	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			Eurosport 2	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Nashe Novoe Kino	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			TV Sale	TV	DVB	3/4	27.500		Russian
			RBK TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
Bibigon	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Rusiya Al-Yaum	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Arabic			
TV Centr Moskva	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
3 Kanal	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Mir	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
VH1 Rossiya	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
5 Kanal	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Muzyka	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Dom Kino	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Telenyanya	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Perviy Meteo	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Radio Zenit	radio	DVB	3/4	27.500		Russian			
Detskoe Radio	radio	DVB	3/4	27.500		Russian			
D 12.284	H	Africa	<u>MultiChoice Africa</u>	package	DVB	1/2	26.480	Irdeto 2	
			Big Brother Africa	TV	DVB	1/2	26.480	Irdeto 2	English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 12.284	R	Russia	Magic World	TV	DVB	1/2	26.480	Irdeto 2	English
			Sky News International	TV	DVB	1/2	26.480	Irdeto 2	English
			SuperSport 7 Africa	TV	DVB	1/2	26.480	Irdeto 2	English
			SuperSport Blitz	TV	DVB	1/2	26.480	Irdeto 2	English
			National Geographic Channel South Africa	TV	DVB	1/2	26.480	Irdeto 2	English
			SuperSport 5 Africa	TV	DVB	1/2	26.480	Irdeto 2	English
			Zone Reality South Africa	TV	DVB	1/2	26.480	Irdeto 2	
			Africa Magic Plus	TV	DVB	1/2	26.480	Irdeto 2	English
			<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			RTR Planeta Ukraina	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			5 Kanal	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Ukrainian
			MTV Two	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			Vremya	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Perviy kanal Ukraina	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTN	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Ukrainian
			CCTV 9	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			CCTV 4 Europe	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Chinese
			Park Razvlicenii	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			ICTV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Ukrainian
			Sovershenno Sekretno	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
D 12.303	L	Russia	Zoo TV	TV	DVB	3/4	27.500	DRE-Crypt	Russian
D 12.303	L	Russia	Tonus TV	TV	DVB	3/4	27.500	DRE-Crypt	Russian
D 12.303	L	Russia	Telekanal Domashniy	TV	DVB	3/4	27.500	DRE-Crypt	Russian
D 12.303	L	Russia	Kinopokaz	TV	DVB	3/4	27.500	DRE-Crypt	Russian
D 12.303	L	Russia	Soyuz	TV	DVB	3/4	27.500		Russian
D 12.303	L	Russia	Boets	TV	DVB	3/4	27.500	DRE-Crypt	Russian
D 12.303	L	Russia	7 TV	TV	DVB	3/4	27.500		Russian
D 12.303	L	Russia	A-One	TV	DVB	3/4	27.500		Russian
D 12.303	L	Russia	Bridge TV	TV	DVB	3/4	27.500		Russian
D 12.303	L	Russia	Telekanal India	TV	DVB	3/4	27.500	DRE-Crypt	Russian
D 12.303	L	Russia	STS	TV	DVB	3/4	27.500	DRE-Crypt	Russian
D 12.303	L	Russia	Avtoradio Moskva	radio	DVB	3/4	27.500		Russian
D 12.303	L	Russia	Radio Alla	radio	DVB	3/4	27.500		Russian
D 12.303	L	Russia	NRJ Russia	radio	DVB	3/4	27.500		Russian
D 12.303	L	Russia	Humor FM	radio	DVB	3/4	27.500		Russian
D 12.303	L	Russia	Radio Voskresenie	radio	DVB	3/4	27.500		Russian
D 12.303	L	Russia	OTIK	interacti	DVB	3/4	27.500	DRE-Crypt	
D 12.322	H	Africa	<u>MultiChoice Africa</u>	package	DVB	1/2	26.480	Irdeto 2	
			Boomerang	TV	DVB	1/2	26.480	Irdeto 2	English
			Animal Planet Africa	TV	DVB	1/2	26.480	Irdeto 2	English
			The History Channel South Africa	TV	DVB	1/2	26.480	Irdeto 2	English
			Rhema Network	TV	DVB	1/2	26.480	Irdeto 2	English
			Fashion TV	TV	DVB	1/2	26.480	Irdeto 2	
			SuperSport 6	TV	DVB	1/2	26.480	Irdeto 2	English
			Al Jazeera English	TV	DVB	1/2	26.480	Irdeto 2	English
			Urban Adult Contemporary	radio	DVB	1/2	26.480	Irdeto 2	
			Urban Beat	radio	DVB	1/2	26.480	Irdeto 2	
			Rock'n'Roll Oldies	radio	DVB	1/2	26.480	Irdeto 2	
			70's Hits	radio	DVB	1/2	26.480	Irdeto 2	
			Adult Contemporary	radio	DVB	1/2	26.480	Irdeto 2	
			Smooth Jazz	radio	DVB	1/2	26.480	Irdeto 2	
			French Contemporary	radio	DVB	1/2	26.480	Irdeto 2	
			Gospel	radio	DVB	1/2	26.480	Irdeto 2	
			Reggae	radio	DVB	1/2	26.480	Irdeto 2	
			African Rhythms	radio	DVB	1/2	26.480	Irdeto 2	
			Soft Hits	radio	DVB	1/2	26.480	Irdeto 2	
			Hot Traxx	radio	DVB	1/2	26.480	Irdeto 2	
			Dance	radio	DVB	1/2	26.480	Irdeto 2	
			Classic Rock	radio	DVB	1/2	26.480	Irdeto 2	
			Contemporary Instrumentals	radio	DVB	1/2	26.480	Irdeto 2	
			Beautiful Instrumentals	radio	DVB	1/2	26.480	Irdeto 2	
			Light Classical	radio	DVB	1/2	26.480	Irdeto 2	
			Symphonic	radio	DVB	1/2	26.480	Irdeto 2	
			Jazz	radio	DVB	1/2	26.480	Irdeto 2	
			Campus Rock	radio	DVB	1/2	26.480	Irdeto 2	
			SuperSport Zone	interacti	DVB	1/2	26.480	Irdeto 2	
			PlayJam	interacti	DVB	1/2	26.480	Irdeto 2	
			Guide	interacti	DVB	1/2	26.480	Irdeto 2	
D 12.322	R	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			Kino Plus	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 12.341	L	Russia	NTV Plus Infokanal	TV	DVB	3/4	27.500		Russian
			REN TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Plus Sport	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Kto est kto	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Blue Hustler Europe	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			Perviy kanal	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Nashe Kino	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Plus Kinoklub	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Plus Premiera	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Plus Futbol	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			Telekanal Domashniy	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			AXN Sci-Fi Russia	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			Gulli	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			TiJi	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Kinoreys 3	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,Russian
			Ru TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Kinoreys 2	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,Russian
			Kinoreys 1	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,Russian
			Universal Channel Russia	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
D 12.360	H	Africa	Gameland TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Comedy TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Sci Fi Channel Russia	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			<u>MultiChoice Africa</u>	package	DVB	1/2	26.480	Irdeto 2	
			Cartoon Network Africa	TV	DVB	1/2	26.480	Irdeto 2	English
			Canal + Horizons	TV	DVB	1/2	26.480	Irdeto 2	French
			EI EMEA	TV	DVB	1/2	26.480	Irdeto 2	English
			TV 5 Monde Afrique	TV	DVB	1/2	26.480	Irdeto 2	French
			B4U Movies UAE	TV	DVB	1/2	26.480	Irdeto 2	Hindi
			CNN International	TV	DVB	1/2	26.480	Irdeto 2	English
			MTV Europe	TV	DVB	1/2	26.480	Irdeto 2	English
			RTP Internacional Europa	TV	DVB	1/2	26.480	Irdeto 2	Portuguese
			France 24 Français	TV	DVB	1/2	26.480	Irdeto 2	French
			LCI	TV	DVB	1/2	26.480	Irdeto 2	French
			Radio France Internationale	radio	DVB	1/2	26.480	Irdeto 2	French
			Rai Italia Radio	radio	DVB	1/2	26.480	Irdeto 2	
			VoA Music Mix	radio	DVB	1/2	26.480	Irdeto 2	English
			WRN English Africa & Middle East	radio	DVB	1/2	26.480	Irdeto 2	English
			Channel Islam International	radio	DVB	1/2	26.480	Irdeto 2	
			TransAfrica Radio	radio	DVB	1/2	26.480	Irdeto 2	English
D 12.360	R	Russia	<u>Poverkhnost Plus</u>	package	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	
			Sci Fi Channel Russia	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Russian,English
			SET Russia	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Russian,English
			AXN Sci-Fi Russia	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Russian,English
			TV XXI	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Russian
			News 24	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Ukrainian
			CNN International	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	English
			Milan Channel	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Italian
			TeleKlub	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Russian
			Detski Mir	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Russian
			Nat Geo Wild Europe	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Russian,English
			Evrokino	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Russian
			ProPoker	TV	DVB-S2	3/4	27.500		Russian
			Animal Planet Russia	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian,English
			Discovery Channel Central Europe	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian,English
			ChP Info	TV	DVB-S2	3/4	27.500		Ukrainian
			Fox Crime Russia	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian,English
			Fox Life Russia	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian,English
			Pershiy Nacionalniy	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Ukrainian
			Menu TV	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Ukrainian
Universal Channel Russia	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.6	Russian,English			
TET	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Ukrainian			
Nashe Lubimoe Kino	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian			
Sport 4	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Ukrainian			
Sport 3	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Ukrainian			
D 12.380	L	Russia	World Fashion Channel Russia	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6	Russian
			<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.	
				Digital	FEC				
D 12.399	H	Africa	Komedia TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Telekanal India	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Russkaja Noch	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Telekanal La Minor	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Mnogo TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Kuhnya TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Interesnoe TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Boets	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Auto Plus	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Zakon TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			TV Bulvar	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			365 dnei TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			<u>MultiChoice Africa</u>	package	DVB	1/2	26.480	Irdeto 2	
			EuroNews	TV	DVB	1/2	26.480	Irdeto 2	Russian
			Hallmark Channel Africa	TV	DVB	1/2	26.480	Irdeto 2	English
			The Style Network Emea	TV	DVB	1/2	26.480	Irdeto 2	English
			Rai Italia 3 Africa	TV	DVB	1/2	26.480	Irdeto 2	Italian
			TF 6	TV	DVB	1/2	26.480	Irdeto 2	French
			SET Asia	TV	DVB	1/2	26.480	Irdeto 2	Hindi
			ESPN Africa	TV	DVB	1/2	26.480	Irdeto 2	English
SET Africa	TV	DVB	1/2	26.480	Irdeto 2	English			
BBC World Service 3	radio	DVB	1/2	26.480	Irdeto 2				
BBC World Service 1	radio	DVB	1/2	26.480	Irdeto 2				
Rai Italia Radio	radio	DVB	1/2	26.480	Irdeto 2				
BBC World Service 2	radio	DVB	1/2	26.480	Irdeto 2				
Radio Okapi	radio	DVB	1/2	26.480		French			
D 12.399	R	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			Kultura Telekanal	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Fashion TV Russia	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			NTV Sport On-line	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			24 Dok	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Kino Soyuz	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Telekanal Zvezda	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Telekanal Spas	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			STS Moskva	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Telekanal Rossiya	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			MTV Russia	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			TNT	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Vesti	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Relax FM	radio	DVB	3/4	27.500		Russian
			Echo Moskva	radio	DVB	3/4	27.500		Russian
			D 12.418	L	Russia	<u>NTV Plus</u>	package	DVB-S2	3/4
Zakon TV	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
Kino Plus	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
KHL TV	TV	DVB-S2				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
Interesnoe TV	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
Telekanal La Minor	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
Auto Plus	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
365 dnei TV	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
Nashe Kino	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
Universal Channel Russia	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian,English
Kuhnya TV	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
Vesti	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
Telekanal Sport	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
Kultura Telekanal	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
Perviy kanal	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
NTV	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
Fashion TV Russia	TV	DVB-S2				3/4	27.500	Viaccess 4.0	
STS Moskva	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
Sport Plus	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
REN TV	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
5 Kanal	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
Telekanal Domashniy	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
Muz TV	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
Bibigon	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
MTV Russia	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
TNT	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
TV Centr Moskva	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian
Telekanal Rossiya	TV	DVB-S2				3/4	27.500	Viaccess 4.0	Russian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 12.437	H	Africa	<u>MultiChoice Africa</u>	package	DVB	3/4	23.438	Irdeto 2				
			Mindset Learn	TV	DVB	3/4	23.438	Irdeto 2	English			
			Crime & Investigation Network UK	TV	DVB	3/4	23.438	Irdeto 2	English			
			One Gospel	TV	DVB	3/4	23.438	Irdeto 2	English			
			BBC Entertainment South Africa	TV	DVB	3/4	23.438	Irdeto 2	English			
			SuperSport Select	TV	DVB	3/4	23.438	Irdeto 2	English			
			Disney Channel UK	TV	DVB	3/4	23.438	Irdeto 2	English			
			TCM UK	TV	DVB	3/4	23.438	Irdeto 2	English			
			MTV Base Africa	TV	DVB	3/4	23.438	Irdeto 2	English			
			BBC World News South Africa	TV	DVB	3/4	23.438	Irdeto 2	English			
			SuperSport 2	TV	DVB	3/4	23.438	Irdeto 2	English			
			M-Net Stars	TV	DVB	3/4	23.438	Irdeto 2	English			
			M-Net East	TV	DVB	3/4	23.438	Irdeto 2	English			
			M-Net Action	TV	DVB	3/4	23.438	Irdeto 2	English			
SuperSport 10	TV	DVB	3/4	23.438	Irdeto 2	English						
D 12.437	R	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0				
			Nastoyashhee Smeshnoe TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Nostalgia	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Telekanal Sport	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Muz TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			NTV Plus Sport Soyuz	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			NTV Plus Nash Futbol	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			NTV Plus Tennis	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			NTV Plus Sport Klassika	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			NBA TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English			
			Russkij Extreme	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Sport Plus	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			D 12.456	L	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
						Animal Planet Russia	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
Music Box Ru	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Jetix Play	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English			
TDK	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Zone Romantica Pan Europe	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
National Geographic Channel Russia	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English			
Jetix Russia	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English			
Music Box TV	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Discovery Travel & Living Europe	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English			
Hallmark Channel Russia	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English			
Discovery Channel Russia	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English			
Mezzo	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	French			
Eurosport Russia	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
D 12.476	H	Africa	<u>MultiChoice Africa</u>	package	DVB	2/3	26.040	Irdeto 2				
			Africa Magic	TV	DVB	2/3	26.040	Irdeto 2	English			
			M-Net West	TV	DVB	2/3	26.040	Irdeto 2	English			
			M-Net Movies 2	TV	DVB	2/3	26.040	Irdeto 2	English			
			M-Net Series	TV	DVB	2/3	26.040	Irdeto 2	English			
			Channel O	TV	DVB	2/3	26.040	Irdeto 2	English			
			Discovery Channel Middle East & Africa	TV	DVB	2/3	26.040	Irdeto 2	English			
			SuperSport MaXimo	TV	DVB	2/3	26.040	Irdeto 2	Portuguese			
			BBC Lifestyle South Africa	TV	DVB	2/3	26.040	Irdeto 2	English			
			SuperSport 3 Africa	TV	DVB	2/3	26.040	Irdeto 2	English			
			SuperSport 1	TV	DVB	2/3	26.040	Irdeto 2	English			
			M-Net Movies 1	TV	DVB	2/3	26.040	Irdeto 2	English			
			TBN Africa	TV	DVB	2/3	26.040	Irdeto 2	English			
			D 12.476	R	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
CNN International	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English			
MTV Dance	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English			
JimJam Rossiya	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English			
Nat Geo Wild Europe	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English			
Extreme Sports Channel	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English			
MCM Top	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	French			
Zone Reality Europe	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English			
The MGM Channel East Europe	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English			
Discovery Science Channel	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Discovery World	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Cartoon Network Russia & South East Europe	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English,Russian			
VH1 Classic Europe	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			EuroNews	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,German,English,French
			TCM Russia & South East Europe	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English

W6 (21.5°EAST)

D 11.366	V	Wide	Skylogic	interacti	DVB-S2	8/9	22.500		
D 11.387	H	Wide	Horizon Satellite Services	interacti	DVB-S2	3/4	30.000		
D 11.617	V	Wide	Skylogic	interacti	DVB	5/6	27.500		
D 11.640	H	Wide	Horizon Satellite Services	interacti	DVB-S2	?	23.400		

SESAT 1 (36°EAST)

D 11.142	H	South Afri	<u>MultiChoice Africa</u>	package	DVB	3/4	30.000	Irdeto 2	
			TPA 1	TV	DVB	3/4	30.000	Irdeto 2	Portuguese
			CCTV F	TV	DVB	3/4	30.000	Irdeto 2	French
			Nat Geo Wild Europe	TV	DVB	3/4	30.000	Irdeto 2	English
			ZDF	TV	DVB	3/4	30.000	Irdeto 2	German
			NTV	TV	DVB	3/4	30.000	Irdeto 2	English
			KBC Channel 1	TV	DVB	3/4	30.000	Irdeto 2	English
			TBC 1	TV	DVB	3/4	30.000	Irdeto 2	
			Inspiration Network International	TV	DVB	3/4	30.000	Irdeto 2	English
			TPA 2	TV	DVB	3/4	30.000	Irdeto 2	Portuguese
			KTN	TV	DVB	3/4	30.000	Irdeto 2	English
			Southern Sudan TV	TV	DVB	3/4	30.000	Irdeto 2	Arabic
			BET UK	TV	DVB	3/4	30.000	Irdeto 2	English
			Metro FM	radio	DVB	3/4	30.000	Irdeto 2	English
			KBC English Service	radio	DVB	3/4	30.000	Irdeto 2	English
			Coro FM Radio	radio	DVB	3/4	30.000	Irdeto 2	Kikuyu
			Easy FM	radio	DVB	3/4	30.000	Irdeto 2	English
			QFM	radio	DVB	3/4	30.000	Irdeto 2	English
			KBC Kiswahili Service	radio	DVB	3/4	30.000	Irdeto 2	Swahili
D 11.476	H	South Afri	<u>MultiChoice Africa</u>	package	DVB	3/4	29.000	Irdeto 2	
			TiJi	TV	DVB	3/4	29.000	Irdeto 2	French
			Trace TV	TV	DVB	3/4	29.000	Irdeto 2	French
			13ème Rue	TV	DVB	3/4	29.000	Irdeto 2	French
			France 2	TV	DVB	3/4	29.000	Irdeto 2	French
			France 5	TV	DVB	3/4	29.000	Irdeto 2	French
			Citizen TV	TV	DVB	3/4	29.000	Irdeto 2	
			RTNC	TV	DVB	3/4	29.000	Irdeto 2	French
			Cinecinema Star	TV	DVB	3/4	29.000	Irdeto 2	French
			Sport +	TV	DVB	3/4	29.000	Irdeto 2	French
			RTL 9	TV	DVB	3/4	29.000	Irdeto 2	French
			Planète France	TV	DVB	3/4	29.000	Irdeto 2	French
			Canal + Cinéma France	TV	DVB	3/4	29.000	Irdeto 2	French
			Radio Citizen	radio	DVB	3/4	29.000	Irdeto 2	
			Hot 96	radio	DVB	3/4	29.000	Irdeto 2	
D 11.507	H	South Afri	<u>MultiChoice Africa</u>	package	DVB	3/4	30.000	Irdeto 2	
			Max UK	TV	DVB	3/4	30.000	Irdeto 2	Hindi
			Odisea	TV	DVB	3/4	30.000	Irdeto 2	Portuguese
			Fox Crime Portugal	TV	DVB	3/4	30.000	Irdeto 2	Portuguese
			Fox Life Portugal	TV	DVB	3/4	30.000	Irdeto 2	Portuguese
			Fox Portugal	TV	DVB	3/4	30.000	Irdeto 2	Portuguese
			CNBC Africa	TV	DVB	3/4	30.000	Irdeto 2	English
			PFC Internacional	TV	DVB	3/4	30.000	Irdeto 2	Portuguese
			NTV Uganda	TV	DVB	3/4	30.000	Irdeto 2	English
			BBC Knowledge South Africa	TV	DVB	3/4	30.000	Irdeto 2	English
			Canal Panda	TV	DVB	3/4	30.000	Irdeto 2	Portuguese
			CBeebies South Africa	TV	DVB	3/4	30.000	Irdeto 2	English
			SuperSport MaXimo 2	TV	DVB	3/4	30.000	Irdeto 2	Portuguese
			ESPN Classic Europe	TV	DVB	3/4	30.000	Irdeto 2	English
D 11.559	H	South Afri	<u>MultiChoice Africa</u>	package	DVB	3/4	29.000		
			SIC Internacional	TV	DVB	3/4	29.000	Irdeto 2	Portuguese
			UBC TV	TV	DVB	3/4	29.000	Irdeto 2	
			SIC Noticias	TV	DVB	3/4	29.000	Irdeto 2	Portuguese
			TV Globo Internacional	TV	DVB	3/4	29.000	Irdeto 2	Portuguese
			Europa/África						
			Disney Channel Portugal	TV	DVB	3/4	29.000	Irdeto 2	Portuguese
			AXN Portugal	TV	DVB	3/4	29.000	Irdeto 2	Portuguese
			RTP Açores	TV	DVB	3/4	29.000	Irdeto 2	Portuguese

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
			National Geographic Channel Portugal	TV	DVB	3/4	29.000	Irdeto 2	Portuguese
			MTV Portugal	TV	DVB	3/4	29.000	Irdeto 2	Portuguese
			TV Moçambique	TV	DVB	3/4	29.000	Irdeto 2	Portuguese
			TV Cine 2	TV	DVB	3/4	29.000	Irdeto 2	Portuguese
			TV Cine 1	TV	DVB	3/4	29.000	Irdeto 2	Portuguese
			Record Internacional Europa	TV	DVB	3/4	29.000	Irdeto 2	Portuguese
			RTBF Sat	TV	DVB	3/4	29.000	Irdeto 2	French
			Antena Nacional	radio	DVB	3/4	29.000		Portuguese
D 11.590	H	South Afri	<u>MultiChoice Africa</u>	package	DVB	3/4	30.000	Irdeto 2	
			KidsCo	TV	DVB	3/4	30.000	Irdeto 2	Portuguese,English
			Afro Music Channel	TV	DVB	3/4	30.000	Irdeto 2	Portuguese
			Islam Channel	TV	DVB	3/4	30.000	Irdeto 2	English
			TV Zimbo	TV	DVB	3/4	30.000	Irdeto 2	Portuguese
D 11.664	H	Fixed	SET Africa	TV	DVB-S2	3/4	18.400		English
D 11.664	H	Fixed	TV Zimbo	TV	DVB-S2	3/4	18.400		Portuguese
D 11.664	H	Fixed	Radio Citizen	radio	DVB-S2	3/4	18.400		

ATLANTIC BIRD™ 1 (12.5°WEST)

D 11.179	V	Europe	<u>Overon</u>	package	DVB-S2	2/3	22.400	Viaccess 2.5/Viaccess 2.6/BISS	
			SET Portugal	TV	DVB-S2	2/3	22.400	Viaccess 2.6	Portuguese
			FX Greece promo	TV	DVB-S2	2/3	22.400	BISS	
			Fox Life Greece	TV	DVB-S2	2/3	22.400	BISS	
			National Geographic Channel Deutschland	TV	DVB-S2	2/3	22.400	Viaccess 2.5	German
			Fox Deutschland	TV	DVB-S2	2/3	22.400	Viaccess 2.5	German,English
			AXN Portugal	TV	DVB-S2	2/3	22.400	Viaccess 2.6	Portuguese
			National Geographic Channel Türkiye	TV	DVB-S2	2/3	22.400	Viaccess 2.5	Turkish,English
			National Geographic Channel Portugal	TV	DVB-S2	2/3	22.400	Viaccess 2.5	Portuguese,English
			National Geographic Channel HD Russia & Turkey	TV	DVB-S2	2/3	22.400	Viaccess 2.6	English,Turkish,Russian
			Canal Català TV	TV	DVB-S2	2/3	22.400		Catalan
			Animax Iberia	TV	DVB-S2	2/3	22.400		Portuguese
D 11.408	V	Europe	Skylogic	interacti	DVB	3/4	27.500		
D 11.428	H	Europe	OpenSky	interacti	DVB	5/6	30.000		
D 11.595	V	South Amer	<u>OpenSky</u>	package	DVB	5/6	27.500		
			OpenSky	interacti	DVB	5/6	27.500		
D 12.515	H	Europe	<u>Telecom Italia Media</u>	package	DVB	3/4	17.455	Irdeto 2	
			Dahlia Explorer	TV	DVB	3/4	17.455	Irdeto 2	Italian
			La 7	TV	DVB	3/4	Y 17.455		Italian
			K2	TV	DVB	3/4	17.455		Italian
			Dahlia Sport	TV	DVB	3/4	17.455	Irdeto 2	Italian
			Dahlia Xtreme	TV	DVB	3/4	17.455	Irdeto 2	Italian
			Dahlia Eros	TV	DVB	3/4	17.455	Irdeto 2	Italian
			Dahlia Adult 1	TV	DVB	3/4	17.455	Irdeto 2	Italian
D 12.545	H	Europe	<u>Telecom Italia Media</u>	package	DVB	3/4	17.455		
			Sportitalia	TV	DVB	3/4	17.455		Italian
			MTV Italia	TV	DVB	3/4	Y 17.455		Italian
			Dahlia promo	TV	DVB	3/4	17.455		Italian
			Sportitalia 2	TV	DVB	3/4	17.455		Italian
			Ted promo	TV	DVB	3/4	17.455		Italian
			Mya +1	TV	DVB	3/4	17.455	Nagravision 3	Italian
			La 7	TV	DVB	3/4	Y 17.455		Italian

ATLANTIC BIRD™ 2 (8°WEST)

D 10.974	H	Europe	<u>Orbit Network</u>	package	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			History Orbit	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Pinoy Xtreme	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog
			GMA Pinoy TV Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog
			Super Movies +1	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic,English
			Al Yawm	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Al Safwa	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Fann	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			GMA Life TV	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog
			ShowSports 4	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Zone Club Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Arabic Series +4	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.010	H	Europe	TCM Middle East	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Cinema 1	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Cinema 2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic,English
			DWLS FM	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog
			<u>Orbit Network</u>	package	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Fox Sports Middle East	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Cartoon Network Middle East	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Orbit News 1	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			CNN International Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Discovery Channel Middle East & Africa	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Discovery Travel & Living Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			BBC Entertainment Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			America Plus +2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Boomerang Middle East	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Fox News Channel	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Disney Channel Middle East	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English,Arabic
			Animal Planet Middle East	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Cinema City +1	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Super Comedy +2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Monawa't	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			DZBB 594 Super Radyo	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog
			Khalijya't	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Tarabiya't	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
D 11.140	H	Europe	SkyDSL	interacti	DVB-S2	2/3	30.000		
D 11.554	V	Middle Eas	<u>GulfSat</u>	package	DVB	3/4	27.500		
			Al Shahid TV	TV	DVB	3/4	27.500		Arabic
			Q8 Vote promo	TV	DVB	3/4	27.500		Arabic
			Alwatan Plus	TV	DVB	3/4	27.500		Arabic
			Alwatan Ghanawi TV	TV	DVB	3/4	27.500		Arabic
			Al-Zahra TV	TV	DVB	3/4	27.500		Arabic
			Ana TV Channel	TV	DVB	3/4	27.500		
			Rawasy TV	TV	DVB	3/4	27.500		Arabic
			Al Bawadi	TV	DVB	3/4	27.500		
			Alwatan TV	TV	DVB	3/4	27.500		Arabic
			Channel 4 Teen	TV	DVB	3/4	27.500		
			Al-Arab Channel	TV	DVB	3/4	27.500		Arabic
			Suhail TV	TV	DVB	3/4	27.500		
			D 11.595	V	Middle Eas	<u>GulfSat</u>	package	DVB	3/4
			Al Awhad	TV	DVB	3/4	27.500		Arabic
			Al Anwar TV 2	TV	DVB	3/4	27.500		Arabic
			Tayba TV	TV	DVB	3/4	27.500		Arabic
			Ebony promo	TV	DVB	3/4	27.500		Arabic
			Ritmo TV	TV	DVB	3/4	27.500		Arabic
			Alatta TV promo	TV	DVB	3/4	27.500		Arabic
			Alwatan Galtah	TV	DVB	3/4	27.500		Arabic
			A 12.606	V	Europe	Canal + France	TV	SECAM	6,00/7,02/7,20

ATLANTIC BIRD™ 3 (5°WEST)

D 10.972	V	Super	<u>Fransat</u>	package	DVB	7/8	29.950	Viaccess 4.0				
			France 3 Lyon	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			France 3 Picardie	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			France 3 Franche-Comté	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			France 3 Aquitaine	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			France 3 Basse-Normandie	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			France 3 Auvergne	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			France 3 Bourgogne	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			France 3 Grenoble	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			France 3 Limousin	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			France 3 Côte d'Azur	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			France 3 Languedoc	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			France 3 Nord-Pas de Calais	TV	DVB	7/8	29.950	Viaccess 4.0	French			
			D 11.054	V	Super	<u>Fransat</u>	package	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	
						France 3 Haute-Normandie	TV	DVB	7/8	29.950	Viaccess 4.0	French
						France 3 Bretagne	TV	DVB	7/8	29.950	Viaccess 4.0	French
						France 3 Alsace	TV	DVB	7/8	29.950	Viaccess 4.0	French
France 3 Corse Via Stella	TV	DVB				7/8	29.950	Viaccess 4.0	French			
France 3 Paris IdF	TV	DVB				7/8	29.950	Viaccess 4.0	French			
France 3 Champagne-Ardenne	TV	DVB	7/8	29.950	Viaccess 4.0	French						

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text	Access	Lang.
				Digital	FEC	MHz	MSy/s		
			France 3 Centre	TV	DVB	7/8	29.950	Viaccess 4.0	French
			Equidia	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French
			France 3 Poitou-Charentes	TV	DVB	7/8	29.950	Viaccess 4.0	French
			France 3 Lorraine	TV	DVB	7/8	29.950	Viaccess 4.0	French
			France 3 Pays de la Loire	TV	DVB	7/8	29.950	Viaccess 4.0	French
			France 3 Provence-Alpes	TV	DVB	7/8	29.950	Viaccess 4.0	French
			France 3 Midi-Pyrénées	TV	DVB	7/8	29.950	Viaccess 4.0	French
			RCF Bordeaux	radio	DVB	7/8	29.950		French
			RCF Lumières	radio	DVB	7/8	29.950		French
			RCF Parabole Dijon	radio	DVB	7/8	29.950		French
			RCF Saint Martin	radio	DVB	7/8	29.950		French
			RCF Reims Ardennes	radio	DVB	7/8	29.950		French
			RCF Haute Normandie	radio	DVB	7/8	29.950		French
			RCF Jerico Nancy	radio	DVB	7/8	29.950		French
			RCF Savoie	radio	DVB	7/8	29.950		French
			RCF Haute Alpes	radio	DVB	7/8	29.950		French
			RCF Besançon	radio	DVB	7/8	29.950		French
			RCF Haute Savoie	radio	DVB	7/8	29.950		French
			RCF Le Puy en Velay	radio	DVB	7/8	29.950		French
			RCF	radio	DVB	7/8	29.950		French
			RCF Région 41	radio	DVB	7/8	29.950		French
			RCF Région 26	radio	DVB	7/8	29.950		French
			RCF Correze	radio	DVB	7/8	29.950		French
			RCF Berry	radio	DVB	7/8	29.950		French
			RCF Pays d'Aude	radio	DVB	7/8	29.950		French
			RCF Vivarais	radio	DVB	7/8	29.950		French
			RCF Pays de l'Ain	radio	DVB	7/8	29.950		French
			RCF Lyon Fourvière	radio	DVB	7/8	29.950		French
D 11.065	H	Algeria	<u>TDA</u>	package	DVB	3/4	18.085		
			Algérie 5	TV	DVB	3/4	18.085		Arabic
			Algérie 4	TV	DVB	3/4	18.085		
			Canal Algérie	TV	DVB	3/4	18.085		Arabic
			Thalitha TV	TV	DVB	3/4	18.085		Arabic
			ENTV	TV	DVB	3/4	18.085	BISS	Arabic
			Radio Essouhoub	radio	DVB	3/4	18.085		
			Radio Jijel	radio	DVB	3/4	18.085		
			International Radio	radio	DVB	3/4	18.085		
			Radio Tlemcen	radio	DVB	3/4	18.085		
			Radio Sahel	radio	DVB	3/4	18.085		
			Radio Naama	radio	DVB	3/4	18.085		
			Radio Batna	radio	DVB	3/4	18.085		
			Radio Illizi	radio	DVB	3/4	18.085		
			Chaîne 3	radio	DVB	3/4	18.085		French
			Radio Tindouf	radio	DVB	3/4	18.085		Arabic
			Radio Ghardaïa	radio	DVB	3/4	18.085		Arabic
			Radio Ahaggar	radio	DVB	3/4	18.085		Arabic
			Chaîne 2	radio	DVB	3/4	18.085		Berber
			Radio Souk Ahras	radio	DVB	3/4	18.085		Arabic
			Radio Souf	radio	DVB	3/4	18.085		
			Radio Adrar	radio	DVB	3/4	18.085		Arabic
			Chaîne 1	radio	DVB	3/4	18.085		Arabic
			Radio Saoura	radio	DVB	3/4	18.085		
D 11.096	V	Super	<u>Fransat</u>	package	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	
			M6	TV	DVB	7/8	29.950	Viaccess 4.0	French
			TV 8 Mont Blanc	TV	DVB	7/8	29.950		French
			ARTE Français	TV	DVB	7/8	29.950	Viaccess 4.0	French
			France Ô	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			TF 1	TV	DVB	7/8	29.950	Viaccess 4.0	French
			KTO	TV	DVB	7/8	29.950		French
			France 2	TV	DVB	7/8	29.950	Viaccess 4.0	French
D 11.471	V	Super	<u>Orange</u>	package	DVB-S2	2/3	29.950	Viaccess 3.0	
			W9	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
			Orange cinemax	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French,English
			Orange sport	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
			Canal + France	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
			M6	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
			Orange cinenovo	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French,English
			Orange cinechoc	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French,English
			Orange cinehappy	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French,English
			Orange cinemax	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French,English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text	Access	Lang.			
				Digital	FEC	MHz						
D 11.512	V	Super	Orange sport	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French			
			Orange cinegeants	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French,English			
			↳Télé	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French			
			Bis	package	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0				
			Chasse & Pêche	TV	DVB	7/8	29.950	Viaccess 2.5	French			
			Action	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French			
			Ciné First	TV	DVB	7/8	29.950	Viaccess 2.5	French			
			Ciné FX	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French			
			Ciné Polar	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French			
			Dorcel TV	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French,German,English			
			XXL	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French			
			Toute l'Histoire	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French			
			RTL 9	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French			
			TV 5 Monde FBS	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French			
			Encyclo	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French			
			Mangas	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French			
			AB 1	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French			
			AB Moteurs	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French			
			Orange sport info	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French			
			Escales	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French			
Animaux	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0	French						
D 11.554	V	Super	Fransat	package	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0				
			M6	TV	DVB	7/8	Y 29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French			
			NRJ 12	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French			
			Gulli	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French			
			Virgin 17	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French			
			↳Télé	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French			
			BFM TV	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French			
			France 4	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French			
			NT1	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French			
			TMC	TV	DVB	7/8	29.950		English			
			Direct 8	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French			
			Canal + France	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French			
			TF 1	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French			
			W9	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French			
			D 11.591	V	Super	France TV	package	DVB	2/3	20.000		
						France 5	TV	DVB	2/3	20.000		French
ARTE Français	TV	DVB				2/3	20.000		French,German			
France 2	TV	DVB				2/3	20.000		French			
LCP	TV	DVB				2/3	20.000		French			
A 12.522	V	Super	France 3 Sat	TV	DVB	2/3	Y 20.000		French			
D 12.543	H	Super	M6	TV	SECAM	5.80	Y		French			
D 12.543	H	Super	GlobeCast	package	DVB	3/4	27.500	Viaccess 2.3/Viaccess 2.4/Viaccess 2.5/Viaccess 3.0/BISS				
			MCM Belgique	TV	DVB	3/4	27.500	Viaccess 2.3/Viaccess 2.5	French			
			Fox Life France	TV	DVB	3/4	27.500	BISS	French			
			Toyor Al-Janah	TV	DVB	3/4	27.500		Arabic			
			France Bleu Frequenza Mora	radio	DVB	3/4	27.500		French			
			RCF Jerico Nancy	radio	DVB	3/4	27.500		French			
			RCF Bordeaux	radio	DVB	3/4	27.500		French			
			RCF Haute Alpes	radio	DVB	3/4	27.500		French			
			Fréquence But	radio	DVB	3/4	27.500		French			
			SPAR Live	radio	DVB	3/4	27.500	Viaccess 2.4				
			Radio Soleil	radio	DVB	3/4	27.500					
			Lloydspharmacy Live	radio	DVB	3/4	27.500	Viaccess 2.4				
			Radio GiFi	radio	DVB	3/4	27.500					
			Capytol	radio	DVB	3/4	27.500		French			
			FIP	radio	DVB	3/4	27.500		French			
			RCF Haute Savoie	radio	DVB	3/4	27.500		French			
			France Bleu Île de France	radio	DVB	3/4	27.500		French			
			RCF Besançon	radio	DVB	3/4	27.500		French			
			France Bleu	radio	DVB	3/4	27.500		French			
			RCF Berry	radio	DVB	3/4	27.500		French			
			RCF Haute Normandie	radio	DVB	3/4	27.500		French			
			Fréquence Conforama	radio	DVB	3/4	27.500		French			
			RCF Pays d'Aude	radio	DVB	3/4	27.500		French			
			RCF Correze	radio	DVB	3/4	27.500		French			
			RCF Région 26	radio	DVB	3/4	27.500		French			
			RCF Région 41	radio	DVB	3/4	27.500		French			
			RCF Savoie	radio	DVB	3/4	27.500		French			
			RCF	radio	DVB	3/4	27.500		French			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			RCF Le Puy en Velay	radio	DVB	3/4	27.500		French
			RCF Vivarais	radio	DVB	3/4	27.500		French
			RCF Lumières	radio	DVB	3/4	27.500		French
			RCF Pays de l'Ain	radio	DVB	3/4	27.500		French
			RCF Reims Ardennes	radio	DVB	3/4	27.500		French
			RCF Parabole Dijon	radio	DVB	3/4	27.500		French
			RCF Saint Martin	radio	DVB	3/4	27.500		French
			RCF Lyon Fourvière	radio	DVB	3/4	27.500		French
A 12.564	V	Super	France 2	TV	SECAM	5.80	Y		French
A 12.606	V	Super	ARTE Français	TV	SECAM	5.80	Y		French
A 12.606	V	Super	France 5	TV	SECAM	5.80	Y		French
A 12.648	V	Super	Canal + France	TV	SECAM	6.0,7.02/7.20	Y	Nagravision	French
A 12.690	V	Super	TF 1	TV	SECAM	5.80	Y		French
D 12.711	H	Wide	<u>ABS-CBN</u>	package	DVB	1/2	30.000	Irdeto 2	
			TFC Middle East	TV	DVB	1/2	30.000	Irdeto 2	Tagalog
			TFC Europe	TV	DVB	1/2	30.000	Irdeto 2	Tagalog
			ANC	TV	DVB	1/2	30.000	Irdeto 2	English
			Cinema One	TV	DVB	1/2	30.000	Irdeto 2	Tagalog
			Kapamilya Channel	TV	DVB	1/2	30.000	Irdeto 2	Tagalog
			DZMM	radio	DVB	1/2	30.000	Irdeto 2	Tagalog
			Tambayan 101.9	radio	DVB	1/2	30.000	Irdeto 2	Tagalog
A 12.732	V	Super	France 3 Sat	TV	SECAM	5.80	Y		French

ATLANTIC BIRD™ 4A (7°WEST)

D 10.719	V	Middle Eas	<u>Nilesat</u>	package	DVB	3/4	27.500		
			Al Jazeera Children's Channel	TV	DVB	3/4	27.500		Arabic
			Baraem	TV	DVB	3/4	27.500		Arabic
			Al Afasy Quran	TV	DVB	3/4	27.500		Arabic
			Majan	TV	DVB	3/4	27.500		Arabic
			Modern Music promo	TV	DVB	3/4	27.500		Arabic
			AhluBayt Satellite Channel	TV	DVB	3/4	27.500		Arabic
			Al Mansour TV	TV	DVB	3/4	27.500		Arabic
			Press TV	TV	DVB	3/4	27.500		English
			Tawasul TV	TV	DVB	3/4	27.500		Arabic
			Al Shabab TV	TV	DVB	3/4	27.500		Arabic
			Korea TV	TV	DVB	3/4	27.500		Arabic
			Al Faraeen TV	TV	DVB	3/4	27.500		Arabic
D 10.758	V	Middle Eas	<u>Nilesat</u>	package	DVB	3/4	27.500		
			Education Channel 6	TV	DVB	3/4	27.500		Arabic
			Mawaheb wa Afkar	TV	DVB	3/4	27.500		Arabic
			Safa TV	TV	DVB	3/4	27.500		Arabic
			Auto 1 TV	TV	DVB	3/4	27.500		Arabic
			OK TV	TV	DVB	3/4	27.500		Arabic
			Almajid Al Hadeeth Al Nabawy	TV	DVB	3/4	27.500		Arabic
			Motor TV	TV	DVB	3/4	27.500		Arabic
			Sada TV	TV	DVB	3/4	27.500		Arabic
			Al Maaly TV	TV	DVB	3/4	27.500		Arabic
			Education Channel 5	TV	DVB	3/4	27.500		Arabic
			Al Gaoos	TV	DVB	3/4	27.500		Arabic
			Bin Othaimen	TV	DVB	3/4	27.500		Arabic
D 10.775	H	Middle Eas	<u>Nilesat</u>	package	DVB	3/4	27.500		
			Al Iraq Al Tarbawiyah	TV	DVB	3/4	27.500		Arabic
			Cairo Cinema	TV	DVB	3/4	27.500		Arabic
			Alghadeer Satellite Channel	TV	DVB	3/4	27.500		Arabic
			Waseet TV	TV	DVB	3/4	27.500		Arabic
			Al-Qiethara TV	TV	DVB	3/4	27.500		Arabic
			Panorama Drama 2	TV	DVB	3/4	27.500		Arabic
			Al Wasl	TV	DVB	3/4	27.500		Arabic
			Al Sehad wa al Jamal TV	TV	DVB	3/4	27.500		Arabic
			Al Farashah	TV	DVB	3/4	27.500		Arabic
			Diewan Alarab TV	TV	DVB	3/4	27.500		Arabic
D 10.796	V	Middle Eas	<u>Nilesat</u>	package	DVB	3/4	27.500		
			KurdSat	TV	DVB	3/4	27.500		Kurdish
			Al Mukhtalif	TV	DVB	3/4	27.500		Arabic
			Al Tejarah TV	TV	DVB	3/4	27.500		Arabic
			Massaya TV	TV	DVB	3/4	27.500		Arabic
			Al Amaken Satellite Channel	TV	DVB	3/4	27.500		Arabic
			Oman TV 2	TV	DVB	3/4	27.500		Arabic
			Iraq TV	TV	DVB	3/4	27.500		Arabic

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.				
				Digital	FEC	MSy/s							
D 10.873	V	Middle Eas	Addounia TV	TV	DVB	3/4	27.500			Arabic			
			Tunisie 7	TV	DVB	3/4	27.500			Arabic			
			Zagros TV	TV	DVB	3/4	27.500			Kurdish			
			TV Alahad	TV	DVB	3/4	27.500			Arabic			
			Melody Tunes	TV	DVB	3/4	27.500			English			
			Al Khalijiyah	TV	DVB	3/4	27.500			Arabic			
			Al Fanoos TV	TV	DVB	3/4	27.500			Arabic			
			Radio Tunis	radio	DVB	3/4	27.500			Arabic			
			Radio Culture	radio	DVB	3/4	27.500			Arabic			
			Radio Tunis Chaîne Inter	radio	DVB	3/4	27.500			Arabic			
			Radio Zitouna FM	radio	DVB	3/4	27.500			Arabic			
			<u>Noorsat</u>	package	DVB	3/4	27.500						
			Nour TV	TV	DVB	3/4	27.500				Farsi		
			Awal TV	TV	DVB	3/4	27.500				Arabic		
			Arrai	TV	DVB	3/4	27.500				Arabic		
			Awal Al Tareeq promo	TV	DVB	3/4	27.500				Arabic		
			Art Vision Mehnati	TV	DVB	3/4	27.500				Arabic		
			Al Entekhabiyah al Iraqiyah	TV	DVB	3/4	27.500				Arabic		
			NART TV	TV	DVB	3/4	27.500				Arabic		
			Al Soufia	TV	DVB	3/4	27.500				Arabic		
			Awtan Satellite Channel	TV	DVB	3/4	27.500				Arabic		
			Azhari	TV	DVB	3/4	27.500				Arabic		
			Shada TV	TV	DVB	3/4	27.500				Arabic		
			Oscar Drama	TV	DVB	3/4	27.500				Arabic		
			TRT 6	TV	DVB	3/4	27.500				Kurdish		
			Topshop TV	TV	DVB	3/4	27.500				Arabic		
			Zweina Baladna	TV	DVB	3/4	27.500				Arabic		
			Almotawassit TV	TV	DVB	3/4	27.500				Arabic		
			D 10.892	H	Middle Eas	<u>Noorsat</u>	package	DVB	3/4	27.500			
						Al Rasheed TV	TV	DVB	3/4	27.500			Arabic
						Mix TV	TV	DVB	3/4	27.500			Arabic
						OTV	TV	DVB	3/4	27.500			Arabic
						KNN Channel	TV	DVB	3/4	27.500			Kurdish
UM TV	TV	DVB				3/4	27.500			Arabic			
Gali Kurdistan	TV	DVB				3/4	27.500			Kurdish			
Rusiya Al-Yaum	TV	DVB				3/4	27.500			Arabic			
Karbala Satellite Channel	TV	DVB				3/4	27.500			Arabic			
Vin TV	TV	DVB				3/4	27.500			Kurdish			
Alhayat Mosalsalat	TV	DVB				3/4	27.500			Arabic			
Al Alamiyah	TV	DVB				3/4	27.500			Arabic			
Iraq Economic	TV	DVB				3/4	27.500			Arabic			
Al Hayat	TV	DVB				3/4	27.500			Arabic			
Oscar Drama	TV	DVB				3/4	27.500			Arabic			
Ishtar TV	TV	DVB				3/4	27.500			Arabic			
Zweina Baladna	TV	DVB				3/4	27.500			Arabic			
Radio Sama FM	radio	DVB				3/4	27.500			Arabic			
Al Rasheed FM	radio	DVB				3/4	27.500			Arabic			
Radio Nawa Kurdish	radio	DVB				3/4	27.500			Kurdish			
Radio Nawa Arabic	radio	DVB				3/4	27.500			Arabic			
D 10.911	V	Middle Eas	<u>Noorsat</u>	package	DVB	3/4	27.500						
			Wesal TV	TV	DVB	3/4	27.500			Arabic			
			Tawazon TV	TV	DVB	3/4	27.500			Arabic			
			Al Mustakillah TV	TV	DVB	3/4	27.500			Arabic			
			Al Hiwar TV	TV	DVB	3/4	27.500			Arabic			
			Aqsa Satellite Channel	TV	DVB	3/4	27.500			Arabic			
			Auto Moto TV	TV	DVB	3/4	27.500			Arabic			
			Thaqalayn TV	TV	DVB	3/4	27.500			Arabic			
			Abu Dhabi Al Oula +1	TV	DVB	3/4	27.500			Arabic			
			Al Fayhaa TV	TV	DVB	3/4	27.500			Arabic			
			Orient TV	TV	DVB	3/4	27.500			Arabic			
			Abu Dhabi Al Emarat	TV	DVB	3/4	27.500			Arabic			
			Soufia Channel TV	TV	DVB	3/4	27.500			Arabic			
			EuroNews	TV	DVB	3/4	27.500			Portuguese,Arabic,English,French,Russian, German,Italian,Spanish			
			Syria Drama	TV	DVB	3/4	27.500			Arabic			
			Al Soriyah Al Tarbaweyyah	TV	DVB	3/4	27.500			Arabic			
			D 10.930	H	Middle Eas	<u>Jordan Media City</u>	package	DVB	3/4	27.500			
						Al Etejah Satellite Channel	TV	DVB	3/4	27.500			Arabic
ESPN Classic Middle East & Africa	TV	DVB				3/4	27.500	Irdeto 2/Viaccess 3.0		English			
ESPN America Europe	TV	DVB				3/4	27.500	Irdeto 2/Viaccess 3.0		English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
			Live TV	TV	DVB	3/4	27.500		Arabic
			ESPN Middle East	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 3.0	English
			Algérie 4	TV	DVB	3/4	27.500		
			Algérie 5	TV	DVB	3/4	27.500		Arabic
			Aaj News	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 3.0	Urdu
			Aghanina TV	TV	DVB	3/4	27.500		Arabic
			International Industrial Channel	TV	DVB	3/4	27.500		Arabic
			Indus Vision	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 3.0	Urdu
			Al Babeleyia Sat Channel	TV	DVB	3/4	27.500		Arabic
			ART Al Layth	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 3.0	Arabic
			Sawt Al Madina	radio	DVB	3/4	27.500		Arabic
D 10.992	V	Middle Eas	<u>Stellar DBS</u>	package	DVB	3/4	27.500		
			Miracle	TV	DVB	3/4	27.500		Arabic
			Noor TV	TV	DVB	3/4	27.500		
			Faith TV	TV	DVB	3/4	27.500		
			Ummah Channel	TV	DVB	3/4	27.500		English
			Chosen TV	TV	DVB	3/4	27.500		English
A 11.219	H	Middle Eas	Dream HD	TV	DVB	3/4	27.485		Arabic
D 11.317	V	Middle Eas	<u>Noorsat</u>	package	DVB	3/4	27.500		
			Alquds Satellite Channel	TV	DVB	3/4	27.500		Arabic
			Toyor Al-Janah	TV	DVB	3/4	27.500		Arabic
			Sana Satellite Channel	TV	DVB	3/4	27.500		Arabic
			Sada Al Islam	TV	DVB	3/4	27.500		Arabic
			Al Rouh TV	TV	DVB	3/4	27.500		Arabic
			Jamawar Kurdistan	TV	DVB	3/4	27.500		
			Al Maaref TV	TV	DVB	3/4	27.500		Arabic
			Al Hekmah TV	TV	DVB	3/4	27.500		Arabic
			4Shbab TV	TV	DVB	3/4	27.500		Arabic
			Arrai	TV	DVB	3/4	27.500		Arabic
			Starfone	TV	DVB	3/4	27.500		Arabic
			Watani	TV	DVB	3/4	27.500		Arabic
			Hadi TV	TV	DVB	3/4	27.500		Arabic
			Tawasul TV	TV	DVB	3/4	27.500		Arabic
			Misk TV	TV	DVB	3/4	27.500		Arabic
			Karameesh	TV	DVB	3/4	27.500		Arabic
			Markaty TV	TV	DVB	3/4	27.500		Arabic
			Makkah TV	TV	DVB	3/4	27.500		Arabic
			Hayatona	TV	DVB	3/4	27.500		Arabic
D 11.334	H	Middle Eas	<u>Nilesat</u>	package	DVB	3/4	27.485		
			Nasaem TV	TV	DVB	3/4	27.485		Arabic
			Hanaya TV promo	TV	DVB	3/4	27.485		Arabic
			Al Amal Satellite Channel promo	TV	DVB	3/4	27.485		Arabic
			Jeddah TV	TV	DVB	3/4	27.485		Arabic
			Jasco	TV	DVB	3/4	27.485		Arabic
			Rama Satellite Channel	TV	DVB	3/4	27.485		Arabic
			Kaef TV	TV	DVB	3/4	27.485		Arabic
			Al Athar TV	TV	DVB	3/4	27.485		Arabic
D 11.355	V	Middle Eas	<u>STN</u>	package	DVB	3/4	27.500		
			PTV Entertainment	TV	DVB	3/4	27.500		English
			MMC TV	TV	DVB	3/4	27.500		Kurdish
			PTV Prime	TV	DVB	3/4	27.500		Arabic
			PTV Classic	TV	DVB	3/4	27.500		Arabic
			Sat 7 Arabic	TV	DVB	3/4	27.500		Arabic
			Alalam News Channel	TV	DVB	3/4	27.500		Arabic
			Sat 7 Kids	TV	DVB	3/4	27.500		Arabic
			Aghapy TV	TV	DVB	3/4	27.500		Arabic
			MTA 3 Al Arabiyah	TV	DVB	3/4	27.500		Arabic
			CCTV Arabic	TV	DVB	3/4	27.500		Arabic
			Ta3arof TV	TV	DVB	3/4	27.500		Arabic
			CTV	TV	DVB	3/4	27.500		Arabic
			VoA TV Persian	TV	DVB	3/4	27.500		Farsi
			NourSat	TV	DVB	3/4	27.500		Arabic
			Al Duaa Channel	TV	DVB	3/4	27.500		Arabic
			Roj TV	TV	DVB	3/4	27.500		Kurdish
			Kalam TV	TV	DVB	3/4	27.500		Arabic
			Al Malakoot Sat	TV	DVB	3/4	27.500		Arabic
D 11.374	H	Middle Eas	<u>Showtime</u>	package	DVB	3/4	27.500	Irdeto 2	
			Cinema 2	TV	DVB	3/4	27.500	Irdeto 2	Arabic
			Super Movies +1	TV	DVB	3/4	27.500	Irdeto 2	Arabic
			MnL TV	TV	DVB	3/4	27.500	Irdeto 2	Tagalog

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			GMA Life TV	TV	DVB	3/4	27.500	Irdeto 2	Tagalog
			GMA Pinoy TV Europe	TV	DVB	3/4	27.500	Irdeto 2	Tagalog
			Pinoy Extreme	TV	DVB	3/4	27.500	Irdeto 2	Tagalog
			Zone Club Europe	TV	DVB	3/4	27.500	Irdeto 2	English
			Music Now	TV	DVB	3/4	27.500	Irdeto 2	English
			Arabic Series +4	TV	DVB	3/4	27.500	Irdeto 2	Arabic
			Cinema 1	TV	DVB	3/4	27.500	Irdeto 2	Arabic
			Al Safwa	TV	DVB	3/4	27.500	Irdeto 2	Arabic
			Al Yawm	TV	DVB	3/4	27.500	Irdeto 2	Arabic
			Fashion TV Europe	TV	DVB	3/4	27.500	Irdeto 2	
			Fann	TV	DVB	3/4	27.500	Irdeto 2	Arabic
D 11.411	H	Middle Eas	Showtime	package	DVB	3/4	27.500	Irdeto 2	
			America Plus +2	TV	DVB	3/4	27.500	Irdeto 2	English
			Fox Sports Middle East	TV	DVB	3/4	27.500	Irdeto 2	English
			Trace TV	TV	DVB	3/4	27.500	Irdeto 2	French
			Showtime Orbit promo	TV	DVB	3/4	27.500		Arabic
			History Orbit	TV	DVB	3/4	27.500	Irdeto 2	English
			ShowCinema TV Max 1	TV	DVB	3/4	27.500	Irdeto 2	English,Arabic
			Cinema City	TV	DVB	3/4	27.500	Irdeto 2	English
			Xtra Movies	TV	DVB	3/4	27.500	Irdeto 2	Arabic
			ShowCinema TV Max 3	TV	DVB	3/4	27.500	Irdeto 2	English,Arabic
			The MGM Channel Middle East	TV	DVB	3/4	27.500	Irdeto 2	English
			ShowCinema TV Max 2	TV	DVB	3/4	27.500	Irdeto 2	English,Arabic
			Al Riyadiyah	TV	DVB	3/4	27.500	Irdeto 2	Arabic
			Arabic Series	TV	DVB	3/4	27.500	Irdeto 2	Arabic
			Playhouse Disney Scandinavia	TV	DVB	3/4	27.500	Irdeto 2	English
D 11.449	H	Middle Eas	Telekom Austria promo	TV	DVB	3/4	27.500		English
D 11.488	H	Middle Eas	Telekom Austria promo	TV	DVB	3/4	27.500		English
D 12.341	V	Middle Eas	Du	package	DVB	3/4	27.500		
			Asia Business TV	TV	DVB	3/4	27.500		Chinese
			Fatafeat	TV	DVB	3/4	27.500		Arabic
			Dubai Sports 2	TV	DVB	3/4	27.500		Arabic
			MBC Persia	TV	DVB	3/4	27.500		Farsi
			Space Toon 2	TV	DVB	3/4	27.500		English
			Rak TV	TV	DVB	3/4	27.500		Arabic
			Infinity 2	TV	DVB	3/4	27.500		Arabic
			Al Aan TV	TV	DVB	3/4	27.500		Arabic
			NDTV Imagine	TV	DVB	3/4	27.500		Hindi
			DM TV	TV	DVB	3/4	27.500		Arabic
D 12.360	H	Middle Eas	Nilesat	package	DVB	3/4	27.500		
			Al Ahly Club	TV	DVB	3/4	27.500		Arabic
			Al Hadath	TV	DVB	3/4	27.500		Arabic
			Al Mosullia	TV	DVB	3/4	27.500		Arabic
			Libya Sports 1	TV	DVB	3/4	27.500		Arabic
			Al Jazeera Documentary	TV	DVB	3/4	27.500		Arabic
			Alpha	TV	DVB	3/4	27.500		Arabic
			Al Salam TV	TV	DVB	3/4	27.500		Arabic
			Al Badeel	TV	DVB	3/4	27.500		Arabic
			Scope TV	TV	DVB	3/4	27.500		Arabic
			Dejla TV	TV	DVB	3/4	27.500		Arabic
			Al Hafez	TV	DVB	3/4	27.500		Arabic
			Libya Sports 2	TV	DVB	3/4	27.500		Arabic
			Al-Jamahiryia TV 2	TV	DVB	3/4	27.500		Arabic
			Panorama Drama	TV	DVB	3/4	27.500		Arabic
			Al Salam Radio	radio	DVB	3/4	27.500		Arabic
			Al Libiya FM	radio	DVB	3/4	27.500		Arabic
D 12.380	V	Middle Eas	Jordan Media City	package	DVB	3/4	27.500		
			1st Forex TV	TV	DVB	3/4	27.500		Arabic
			JoSat	TV	DVB	3/4	27.500		Arabic
			Al Filastiniyah	TV	DVB	3/4	27.500		Arabic
			Arab Motors TV	TV	DVB	3/4	27.500		Arabic
			WDS TV	TV	DVB	3/4	27.500		Arabic
			AldiyarSat	TV	DVB	3/4	27.500		Arabic
			W TV	TV	DVB	3/4	27.500		Arabic
			Ishtar TV	TV	DVB	3/4	27.500		Arabic
			Cars TV	TV	DVB	3/4	27.500		Arabic
			Ale3lania TV	TV	DVB	3/4	27.500		Arabic
			Al Haqeeqa al Dawliyah	TV	DVB	3/4	27.500		Arabic
			Al Teb Alnabawi	TV	DVB	3/4	27.500		Arabic
			Sama TV	TV	DVB	3/4	27.500		Arabic

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.			
				Digital	FEC						
D 12.399	H	Middle Eas	Taatwer TV promo	TV	DVB	3/4	27.500	Arabic			
			Al Mashrek TV promo	TV	DVB	3/4	27.500	Arabic			
			Radio Nederland Wereldomroep	radio	DVB	3/4	27.500	Arabic			
			<u>Nilesat</u>	package	DVB	3/4	27.500				
			Al Hurrya	TV	DVB	3/4	27.500	Arabic			
			Al Shababiyah	TV	DVB	3/4	27.500	Arabic			
			Ashur TV	TV	DVB	3/4	27.500				
			Türkmeneli TV	TV	DVB	3/4	27.500				
			Télé Liban	TV	DVB	3/4	27.500	Arabic			
			Eve TV	TV	DVB	3/4	27.500	English			
			Al-Adala TV	TV	DVB	3/4	27.500	Arabic			
			On TV	TV	DVB	3/4	27.500	Arabic			
			Al Ghinaiyah	TV	DVB	3/4	27.500	Arabic			
			Al Masar TV	TV	DVB	3/4	27.500	Arabic			
			Al-Iraqiya Sports	TV	DVB	3/4	27.500	Arabic			
			Kurdistan TV	TV	DVB	3/4	27.500	Kurdish			
			Moga Comedy TV	TV	DVB	3/4	27.500	Arabic			
			Iza'at Al-Quran Al-Kareem wa al Barameg Al-Deeniyah	radio	DVB	3/4	27.500	Arabic			
			Türkmeneli FM	radio	DVB	3/4	27.500	Turkish			
			D 12.418	V	Middle Eas	Al-Iraqiya Radio	radio	DVB	3/4	27.500	Arabic
Iza'at Al Ahd	radio	DVB				3/4	27.500	Arabic			
<u>Nilesat</u>	package	DVB				3/4	27.500				
Cairo University 1	TV	DVB				3/4	27.500				
Al Forqan TV	TV	DVB				3/4	27.500				
Al Anbar	TV	DVB				3/4	27.500	Arabic			
Sham FM TV	TV	DVB				3/4	27.500	Arabic			
Al-Iraqiya TV	TV	DVB				3/4	27.500	Arabic			
ANN	TV	DVB				3/4	27.500	Arabic			
Tunisie 21	TV	DVB				3/4	27.500	Arabic			
E-mail @ TV Channel	TV	DVB				3/4	27.500	Arabic			
Al Doha TV	TV	DVB				3/4	27.500	Arabic			
Alhayat Mosalsalat	TV	DVB				3/4	27.500	Arabic			
Daleel TV Channel	TV	DVB				3/4	27.500	Arabic			
Al Bader	TV	DVB				3/4	27.500	Arabic			
Republic of Iraq Radio	radio	DVB				3/4	27.500	Arabic			
D 12.437	H	Middle Eas				<u>Du</u>	package	DVB	3/4	27.500	
						Nickelodeon Arabia	TV	DVB	3/4	27.500	Arabic
						Al-Waha TV	TV	DVB	3/4	27.500	Arabic
						Korek	TV	DVB	3/4	27.500	Kurdish
			Shaer al Rasoul	TV	DVB	3/4	27.500	Arabic			
			Kanal 4	TV	DVB	3/4	27.500	Kurdish			
			D 12.456	V	Middle Eas	<u>Al Jazeera Sport Channel</u>	package	DVB	3/4	27.500 Irdeto 2/KeyFly/Viaccess 3.0	
ESPN America Europe	TV	DVB				3/4	27.500 Irdeto 2/KeyFly/Viaccess 3.0				
ESPN Classic Middle East & Africa	TV	DVB				3/4	27.500 Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
Al Jazeera Sport Channel +7	TV	DVB				3/4	27.500 Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
Al Jazeera Sport Channel +6	TV	DVB				3/4	27.500 Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
Al Jazeera Sport Channel +5	TV	DVB				3/4	27.500 Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
Al Jazeera Sport Channel +8	TV	DVB				3/4	27.500 Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
Al Jazeera Sport Channel HD	TV	DVB	3/4	27.500 Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English						
D 12.476	H	Middle Eas	<u>Nilesat</u>	package	DVB	3/4	27.500				
			Al Rahma TV	TV	DVB	3/4	27.500	Arabic			
			Modern Sport	TV	DVB	3/4	27.500	Arabic			
			Life Style	TV	DVB	3/4	27.500	Arabic			
			Al Jazeera Mobasher	TV	DVB	3/4	27.500	Arabic			
			Afaq TV	TV	DVB	3/4	27.500	Arabic			
			Nile Family and Kids	TV	DVB	3/4	27.500	Arabic			
			Al Lord TV	TV	DVB	3/4	27.500	Arabic			
			Al Sabah TV	TV	DVB	3/4	27.500	Arabic			
			Modern Masr promo	TV	DVB	3/4	27.500	Arabic			
			Aamal TV	TV	DVB	3/4	27.500	Arabic			
			Melody FM Lebanon	radio	DVB	3/4	27.500	Arabic			