

Updated on 04 November 2010

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-S	5/6	27.500 Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
			Orange sport Polska	TV	DVB-S	5/6	27.500 Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
			4 Fun TV	TV	DVB-S	5/6	Y 27.500	Polish
			Planete Polska	TV	DVB-S	5/6	27.500 Mediaguard 2	Polish
			MiniMini	TV	DVB-S	5/6	27.500 Mediaguard 2	Polish
			History Europe	TV	DVB-S	5/6	27.500 Mediaguard 2/Nagravision 3	Polish,English
			HBO Comedy Polska	TV	DVB-S	5/6	Y 27.500 Conax/Mediaguard 2/Nagravision 3	Polish
			Canal + Gol	TV	DVB-S	5/6	27.500 Mediaguard 2/Nagravision 3	Polish
			HBO Polska	TV	DVB-S	5/6	Y 27.500 Mediaguard 2/Nagravision 3	Polish
			13th Street Poland	TV	DVB-S	5/6	27.500 Mediaguard 2/Nagravision 3	Polish
			HBO 2 Polska	TV	DVB-S	5/6	Y 27.500 Conax/Mediaguard 2/Nagravision 3	Polish
			Canal + Sport 2 Polska	TV	DVB-S	5/6	Y 27.500 Mediaguard 2/Nagravision 3	Polish
			Movies 24 Eastern Europe	TV	DVB-S	5/6	27.500 Mediaguard 2/Nagravision 3	Polish,English
D 10.723	H	Europe	<u>Arqiva</u>	package	DVB-S	3/4	29.900	
			Wedding TV Polska	TV	DVB-S	3/4	29.900 Nagravision 3	Russian,Polish,English,Turkish
			Global Tamil Vision Europe	TV	DVB-S	3/4	29.900	Tamil
			Deepam TV	TV	DVB-S	3/4	29.900 Viaccess 2.4/Viaccess 2.5/Viaccess 2.6	Tamil
			MTA International	TV	DVB-S	3/4	29.900	English,French,German,Arabic,Bengali
			RTP Internacional Europa	TV	DVB-S	3/4	Y 29.900	Portuguese
			Islam Channel	TV	DVB-S	3/4	29.900	English
			Zagros TV	TV	DVB-S	3/4	29.900	Kurdish
			Private Spice	TV	DVB-S	3/4	29.900 Irdeto 2/Viaccess 2.5/Viaccess 3.0	English,French
			Gem Music	TV	DVB-S	3/4	29.900	Farsi
			Saamen TV	TV	DVB-S	3/4	29.900	Farsi
			RTB Virgilio	TV	DVB-S	3/4	29.900	Italian
			Ariana Afghanistan TV	TV	DVB-S	3/4	29.900	
			Andisheh TV	TV	DVB-S	3/4	29.900	Farsi
			Ahl E Bait TV	TV	DVB-S	3/4	29.900	
			Didar Global TV	TV	DVB-S	3/4	29.900	Farsi
			RDP Internacional	radio	DVB-S	3/4	29.900	Portuguese
			RDP Antena 1	radio	DVB-S	3/4	29.900	Portuguese
			NPR Worldwide	radio	DVB-S	3/4	29.900	English
			Zagros Radio	radio	DVB-S	3/4	29.900	Kurdish
D 10.758	V	Europe	<u>Cyfrowy Polsat</u>	package	DVB-S	5/6	27.500 Nagravision 3	
			VOD 55	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 65	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 64	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 63	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 62	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 61	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 59	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 49 Serial	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 56	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 60	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 26	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 25	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 24	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 23	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 57	TV	DVB-S	5/6	27.500 Nagravision 3	
			VOD 58	TV	DVB-S	5/6	27.500 Nagravision 3	
D 10.775	H	Europe	<u>American Forces Network</u>	package	DVB-S	3/4	28.000 PowerVu	
			AFN Spectrum	TV	DVB-S	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Bavaria	TV	DVB-S	3/4	28.000 PowerVu	English
			AFN Prime Atlantic	TV	DVB-S	3/4	28.000 PowerVu	English
			AFN Prime Pacific	TV	DVB-S	3/4	28.000 PowerVu	English
			AFN Prime Atlantic UK	TV	DVB-S	3/4	28.000 PowerVu	English

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.
				Digital	FEC			
			AFN Prime Atlantic Hessen	TV	DVB-S	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Heidelberg	TV	DVB-S	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Benelux	TV	DVB-S	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Eifel	TV	DVB-S	3/4	28.000 PowerVu	English
			AFN Guide	TV	DVB-S	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Kaiserslautern	TV	DVB-S	3/4	28.000 PowerVu	English
			AFN Sports	TV	DVB-S	3/4	28.000 PowerVu	English
			AFN Power Network Eifel	radio	DVB-S	3/4	28.000 PowerVu	English
			AFN The Eagle Hessen	radio	DVB-S	3/4	28.000 PowerVu	English
			AFN Power Network Hessen	radio	DVB-S	3/4	28.000 PowerVu	English
			AFN The Eagle 100.2 FM Kaiserslautern	radio	DVB-S	3/4	28.000 PowerVu	English
			AFN Power Network Kaiserslautern	radio	DVB-S	3/4	28.000 PowerVu	English
			Fox Sports Plus	radio	DVB-S	3/4	28.000 PowerVu	English
			AFN Power Network Heidelberg	radio	DVB-S	3/4	28.000 PowerVu	English
			Hot AC	radio	DVB-S	3/4	28.000 PowerVu	English
			AFN Power Network Benelux	radio	DVB-S	3/4	28.000 PowerVu	English
			AFN Eifel 105	radio	DVB-S	3/4	28.000 PowerVu	English
			Jack FM	radio	DVB-S	3/4	28.000 PowerVu	English
			AFN The Eagle Heidelberg	radio	DVB-S	3/4	28.000 PowerVu	English
			Freedom Radio	radio	DVB-S	3/4	28.000 PowerVu	English
			AFN Power Network Bavaria	radio	DVB-S	3/4	28.000 PowerVu	English
			AFN The Eagle Benelux	radio	DVB-S	3/4	28.000 PowerVu	English
			NPR Worldwide AFRTS	radio	DVB-S	3/4	28.000 PowerVu	English
			Mainstream Country	radio	DVB-S	3/4	28.000 PowerVu	English
			AFN The Eagle Bavaria	radio	DVB-S	3/4	28.000 PowerVu	English
			Gravity	radio	DVB-S	3/4	28.000 PowerVu	English
			Z-Rock	radio	DVB-S	3/4	28.000 PowerVu	English
			Classic Rock	radio	DVB-S	3/4	28.000 PowerVu	English
			The Eagle Europe	radio	DVB-S	3/4	28.000 PowerVu	English
			ESPN Plus	radio	DVB-S	3/4	28.000 PowerVu	English
			Drive FX	radio	DVB-S	3/4	28.000 PowerVu	English
			AFN Uninterruptable Voice	radio	DVB-S	3/4	28.000 PowerVu	English
			AFN Power Network Europe	radio	DVB-S	3/4	28.000 PowerVu	English
D 10.796	V	Europe	Cyfra +	package	DVB-S	5/6	27.500 Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
			Discovery Science Channel Polska	TV	DVB-S	5/6	27.500 Mediaguard 2/Nagravision 3	Polish
			FilmBox Extra Polska	TV	DVB-S	5/6	27.500 Conax/Mediaguard 2/Nagravision 3	Polish
			FilmBox Polska	TV	DVB-S	5/6	27.500 Conax/Mediaguard 2/Nagravision 3	Polish
			FilmBox Family	TV	DVB-S	5/6	27.500 Conax/Mediaguard 2/Nagravision 3	Polish,Czech,Hungarian
			National Geographic Channel Polska	TV	DVB-S	5/6	27.500 Mediaguard 2/Nagravision 3	Polish,Hungarian
			MTV Rocks	TV	DVB-S	5/6	27.500 Mediaguard 2/Nagravision 3	English
			Edusat	TV	DVB-S	5/6	27.500	Polish
			Polonia 1	TV	DVB-S	5/6	Y 27.500	Polish
			Orange sport info Polska	TV	DVB-S	5/6	27.500 Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
			Discovery World Polska	TV	DVB-S	5/6	27.500 Mediaguard 2/Nagravision 3	Polish
			Tele 5	TV	DVB-S	5/6	Y 27.500	Polish
			Hity Bollywood	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Muzyka Arabska	radio	DVB-S	5/6	27.500 Mediaguard 2	
			New Age	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Swiat karnawalu	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Piosenka Francuska	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Współczesny Pop	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Hity Francuskie	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Hity Wloskie	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Dzis o milosci	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Hity Hiszpanskie	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Hity Brytyjskie	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Bass Breaks and Beats	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Niemecki Rock	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Country	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Urban	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Muzyka Turecka	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Rytmy na Okraglo	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Wieczorne Party	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Chillout	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Metal	radio	DVB-S	5/6	27.500 Mediaguard 2	

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.
				Digital	FEC			
			Hity Dyskoteki	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Klasyczny Rock	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Niezalezna Klasyka	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Hymny Rocka	radio	DVB-S	5/6	27.500 Mediaguard 2	
			R'n'B & Soul	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Hip Hop	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Alternatywa	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Blues	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Era Rock'n'Rolla	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Disco & Funk	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Klasyka Nastrojowa	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Arcydziela Klasyki	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Muzyka Symfoniczna	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Cool Jazz	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Klasyka Jazzu	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Rozmaitosci	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Hity lat 70	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Hity lat 80	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Hity lat 90	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Nowe stare hity	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Jeszcze raz	radio	DVB-S	5/6	27.500 Mediaguard 2	
			Reggae	radio	DVB-S	5/6	27.500 Mediaguard 2	
D 10.815	H	Europe	<u>RRsat Global Communications Network</u>	package	DVB-S	5/6	27.500	
			KICC TV	TV	DVB-S	5/6	27.500	English
			Red Hot Sex TV 3	TV	DVB-S	5/6	27.500 Viaccess 3.0	
			Red Hot Sex TV 2	TV	DVB-S	5/6	27.500 Viaccess 3.0	
			Red Hot Sex TV 1	TV	DVB-S	5/6	27.500 Viaccess 3.0	
			Daring! TV	TV	DVB-S	5/6	27.500 Conax/Irdeto 2/Nagravision 3/Viaccess 2.6	English
			ERT World	TV	DVB-S	5/6	Y 27.500	Greek
			Red Hot Sex TV 4	TV	DVB-S	5/6	27.500 Viaccess 3.0	
			Soyuz	TV	DVB-S	5/6	27.500	Russian
			Fashion TV Europe	TV	DVB-S	5/6	27.500	
			MKTV Sat	TV	DVB-S	5/6	27.500	Macedonian
			Thai TV Global Network	TV	DVB-S	5/6	27.500	Thai
			VTV 4	TV	DVB-S	5/6	27.500	Vietnamese
			Rojhelat TV	TV	DVB-S	5/6	27.500	Kurdish
			Al-Alamia	TV	DVB-S	5/6	27.500	Arabic
			CNL Evropa	TV	DVB-S	5/6	27.500	Russian
			BVN TV Europa	TV	DVB-S	5/6	27.500	Dutch
			Myanmar International	TV	DVB-S	5/6	27.500	English
			Universal TV	TV	DVB-S	5/6	27.500	Somali
			KurdSat	TV	DVB-S	5/6	27.500	Kurdish
			TVK	TV	DVB-S	5/6	27.500	
			3ABN International	TV	DVB-S	5/6	27.500	English
			Baby TV Europe	TV	DVB-S	5/6	27.500 Conax/Cryptoworks/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0	German,English,French,Dutch,Turkish,Polish,Spanish,Portuguese,Italian
			Voice of Greece	radio	DVB-S	5/6	27.500	Greek
			ERA Spor 101.8	radio	DVB-S	5/6	27.500	Greek
			Trito Programma	radio	DVB-S	5/6	27.500	Greek
			Deytero 103.7	radio	DVB-S	5/6	27.500	Greek
			Makedonsko Radio	radio	DVB-S	5/6	27.500	Macedonian
			NET 105.8	radio	DVB-S	5/6	27.500	Greek
			Rock Nation	radio	DVB-S	5/6	27.500	German
			RNW 2	radio	DVB-S	5/6	27.500	English
			RNW 9	radio	DVB-S	5/6	27.500	English
			RNW 8	radio	DVB-S	5/6	27.500	Dutch
			RNW 1	radio	DVB-S	5/6	27.500	Dutch
			The Overcomer	radio	DVB-S	5/6	27.500	English
			Voice of Vietnam	radio	DVB-S	5/6	27.500	
			Voice of Tamils	radio	DVB-S	5/6	27.500	Tamil
			Neo Zwei	radio	DVB-S	5/6	27.500	German
			3ABN Radio	radio	DVB-S	5/6	27.500	English
			94 EFM	radio	DVB-S	5/6	27.500	Thai
D 10.834	V	Europe	N	package	DVB-S2	3/4	27.500 Conax/Mediaguard 2	
			TVP Historia	TV	DVB-S2	3/4	27.500 Conax	Polish
			MTV Rocks	TV	DVB-S2	3/4	27.500 Conax	English
			BBC HD Scandinavia	TV	DVB-S2	3/4	27.500 Conax/Mediaguard 2	Polish,English
			AXN Crime	TV	DVB-S2	3/4	27.500 Conax	Polish
			Blue Hustler Europe	TV	DVB-S2	3/4	27.500 Conax	English

Freq (GHz)	Pol	Beam	Channel	Analogue		Text	Access	Lang.
				Audio	MHz			
				Digital	FEC	MSy/s		
			Discovery Science Channel Polska	TV	DVB-S2	3/4	27.500 Conax	Polish
			Animal Planet Europe	TV	DVB-S2	3/4	27.500 Conax	Polish
			Discovery World Polska	TV	DVB-S2	3/4	27.500 Conax	Polish
			Cartoon Network Central & Eastern Europe	TV	DVB-S2	3/4	27.500 Conax	Polish
			Movies 24 Eastern Europe	TV	DVB-S2	3/4	27.500 Conax	Polish
			KidsCo East Europe	TV	DVB-S2	3/4	27.500 Conax	Polish
			AXN Polska	TV	DVB-S2	3/4	27.500 Conax	Polish
			Cinemax 2 Central Europe	TV	DVB-S2	3/4	27.500 Conax	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
			TVR	TV	DVB-S2	3/4	27.500	Polish
			ESPN America Europe	TV	DVB-S2	3/4	27.500 Conax	English
			Eska TV	TV	DVB-S2	3/4	27.500	Polish
			Disney XD Polska	TV	DVB-S2	3/4	27.500 Conax	Polish
			Da Vinci Learning	TV	DVB-S2	3/4	27.500 Conax	Polish
			JimJam Europe	TV	DVB-S2	3/4	27.500 Conax	Polish
			AXN Sci-Fi Polska	TV	DVB-S2	3/4	27.500 Conax	Polish
D 10.853	H	Europe	<u>Skyl Italia</u>	package	DVB-S	3/4	27.500 Videoguard	
			Zone Fantasy	TV	DVB-S	3/4	27.500 Videoguard	Italian
			The History Channel Italia +1	TV	DVB-S	3/4	27.500 Videoguard	Italian
			Sky Inside	TV	DVB-S	3/4	27.500	Italian
			JimJam Italia	TV	DVB-S	3/4	27.500 Videoguard	Italian
			National Geographic Channel Italia +1	TV	DVB-S	3/4	27.500 Videoguard	Italian
			Man-Ga	TV	DVB-S	3/4	27.500 Videoguard	Italian
			Dove TV	TV	DVB-S	3/4	27.500 Videoguard	Italian
			Yacht & Sail Channel	TV	DVB-S	3/4	27.500 Videoguard	Italian
			Jimmy Italia	TV	DVB-S	3/4	27.500 Videoguard	Italian
D 10.873	V	Europe	<u>SNRT</u>	package	DVB-S	3/4	27.500	
			Al Maghribia	TV	DVB-S	3/4	27.500	Arabic
			Tamazight	TV	DVB-S	3/4	27.500	
			Arryadia	TV	DVB-S	3/4	27.500	Arabic
			Medi 1 Sat	TV	DVB-S	3/4	27.500	French
			Al Aoula Europe	TV	DVB-S	3/4	27.500	Arabic
			Arrabia	TV	DVB-S	3/4	27.500	Arabic
			Al Aoula Maroc	TV	DVB-S	3/4	27.500 BISS	Arabic
			Al Aoula Middle East	TV	DVB-S	3/4	27.500	Arabic
			Assadissa	TV	DVB-S	3/4	27.500	Arabic
			Medi 1 Radio	radio	DVB-S	3/4	27.500	French
			Idaal al Watania	radio	DVB-S	3/4	27.500	Arabic
			Chaîne Inter	radio	DVB-S	3/4	27.500	
			Idaa Mohammed Assadiss	radio	DVB-S	3/4	27.500	Arabic
			Radio Régional de Dakhla	radio	DVB-S	3/4	27.500	
			Radio Fes	radio	DVB-S	3/4	27.500	
			Radio Tanger	radio	DVB-S	3/4	27.500	
			Idaa al Amazighia	radio	DVB-S	3/4	27.500	Arabic
			Idaal al Watania	radio	DVB-S	3/4	27.500	Arabic
D 10.892	H	Europe	<u>Cyfra +</u>	package	DVB-S	3/4	27.500 Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
			Canal + Polska	TV	DVB-S	3/4	Y 27.500 Mediaguard 2	Polish
			ZigZap	TV	DVB-S	3/4	27.500 Mediaguard 2/Nagravision 3	Polish
			Ale Kino!	TV	DVB-S	3/4	Y 27.500 Mediaguard 2	Polish
			Canal + Film	TV	DVB-S	3/4	Y 27.500 Mediaguard 2	Polish,Polish
			Hyper	TV	DVB-S	3/4	27.500 Mediaguard 2	Polish
			TVP 1	TV	DVB-S	3/4	Y 27.500 Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Polish
			Canal + Sport Polska	TV	DVB-S	3/4	Y 27.500 Mediaguard 2	Polish,Polish
			Domo	TV	DVB-S	3/4	27.500 Mediaguard 2/Nagravision 3	Polish
			TVP 2	TV	DVB-S	3/4	Y 27.500 Conax/Mediaguard 2/Viaccess 3.0	Polish,Polish
			Kuchnia TV	TV	DVB-S	3/4	27.500 Mediaguard 2/Nagravision 3	Polish
			Radio Zet	radio	DVB-S	3/4	27.500 Mediaguard 2	Polish
			Polskie Radio dla zagranicy	radio	DVB-S	3/4	27.500	Polish
			Radio Jasna Góra	radio	DVB-S	3/4	27.500	Polish
			RMF Maxxx	radio	DVB-S	3/4	27.500 Mediaguard 2	Polish
			RMF Classic	radio	DVB-S	3/4	27.500 Mediaguard 2	Polish
			RMF FM	radio	DVB-S	3/4	27.500 Mediaguard 2	Polish
			Antyradio	radio	DVB-S	3/4	27.500 Mediaguard 2	Polish
			Chilli Zet	radio	DVB-S	3/4	27.500 Mediaguard 2	Polish
			Planeta FM	radio	DVB-S	3/4	27.500 Mediaguard 2	Polish
			Tok FM	radio	DVB-S	3/4	27.500	Polish

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 10.911	V	Europe	Polskie Radio Trójka	radio	DVB-S	3/4	27.500		Polish			
			Polskie Radio Dwójka	radio	DVB-S	3/4	27.500		Polish			
			Polskie Radio Jedynka	radio	DVB-S	3/4	27.500		Polish			
			Polskie Radio Czwórka	radio	DVB-S	3/4	27.500		Polish			
			Radio PIN	radio	DVB-S	3/4	27.500	Mediaguard 2		Polish		
			<u>Orange Polska</u>	package	DVB-S2	3/4	27.500	Conax/Viaccess 3.0				
			ESPN America Europe	TV	DVB-S2	3/4	27.500	Conax/Viaccess 3.0		English		
			HBO Comedy Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0		Polish		
			Animal Planet Europe	TV	DVB-S2	3/4	27.500	Conax/Viaccess 3.0		Polish		
			Zone Europa	TV	DVB-S2	3/4	27.500	Viaccess 3.0		Polish		
			Disney Channel Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0		Polish		
			Travel Channel Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0		English		
			TVP Sport	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		
			Playhouse Disney Türkiye & Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0		Polish,English		
			HBO Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0		Polish,English		
			HBO 2 Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0		Polish		
			Disney XD Polska	TV	DVB-S2	3/4	27.500	Conax/Viaccess 3.0		Polish		
			Kino Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0		Polish		
			Movies 24 Eastern Europe	TV	DVB-S2	3/4	27.500	Conax/Viaccess 3.0		Polish		
D 10.930	H	Europe	Zone Club Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			Zone Romantica Polska & Magyar	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			
			HBO Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			<u>Nova</u>	package	DVB-S	3/4	27.500	Irdeto 2				
			VH1 Europe A	TV	DVB-S	3/4	27.500	Irdeto 2		English		
			Novasports 3	TV	DVB-S	3/4	27.500	Irdeto 2		Greek,English		
			Animal Planet Africa	TV	DVB-S	3/4	27.500	Irdeto 2		Greek		
			National Geographic Channel România	TV	DVB-S	3/4	27.500	Irdeto 2		English		
			MTV Greece	TV	DVB-S	3/4	27.500	Irdeto 2		Greek		
			Travel Channel Europe	TV	DVB-S	3/4	27.500	Irdeto 2		English		
			Alfa TV	TV	DVB-S	3/4	27.500	Irdeto 2		English,Greek		
			Lumiere TV	TV	DVB-S	3/4	27.500	Irdeto 2	Y	English,Greek		
			Novacinema 2	TV	DVB-S	3/4	27.500	Irdeto 2		Greek		
			Mad Greekz	TV	DVB-S	3/4	27.500	Irdeto 2		Greek		
			The MGM Channel East Europe	TV	DVB-S	3/4	27.500	Irdeto 2		English		
			Vima FM 99.5	radio	DVB-S	3/4	27.500	Irdeto 2		Greek		
			Sentra FM	radio	DVB-S	3/4	27.500	Irdeto 2		Greek		
			NovaSpor FM	radio	DVB-S	3/4	27.500	Irdeto 2		Greek		
			Real FM	radio	DVB-S	3/4	27.500	Irdeto 2		Greek		
D 10.949	V	Europe	Nova programma	interacti	DVB-S	3/4	27.500	Irdeto 2				
			Novascope	interacti	DVB-S	3/4	27.500	Irdeto 2				
			<u>GlobeCast</u>	package	DVB-S	3/4	27.500					
			Deejay TV	TV	DVB-S	3/4	27.500			Italian		
			Sat 7 Pars	TV	DVB-S	3/4	27.500			Farsi		
			NourSat	TV	DVB-S	3/4	27.500			Arabic		
			ANB	TV	DVB-S	3/4	27.500			Arabic		
			Karbala Satellite Channel	TV	DVB-S	3/4	27.500			Arabic		
			Future News	TV	DVB-S	3/4	27.500			Arabic		
			Al Hiwar TV	TV	DVB-S	3/4	27.500			Arabic		
			Al-Maaref TV	TV	DVB-S	3/4	27.500			Arabic		
			Dhamma Media Channel	TV	DVB-S	3/4	27.500			Thai,English		
			Miracle	TV	DVB-S	3/4	27.500			Arabic		
			Al-Forat Satellite TV Channel	TV	DVB-S	3/4	27.500			Arabic		
			Disney Channel Polska	TV	DVB-S	3/4	27.500	Conax/Mediaguard 2/Nagravision 3		Polish,English		
			Cartoon Network Central & Eastern Europe	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish,Hungarian,Romanian,English		
			TCM Central & Eastern Europe	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish,Hungarian,Romanian,English		
			Sat 7 Kids	TV	DVB-S	3/4	27.500			Arabic		
			D 10.971	H	Europe	<u>RRsat Global Communications Network</u>	package	DVB-S	3/4	27.500		
						Universal TV	TV	DVB-S	3/4	27.500		Somali
EUArmenia	TV	DVB-S				3/4	27.500		Armenian			
RT English	TV	DVB-S				3/4	27.500		English			
NTD TV	TV	DVB-S				3/4	27.500		Chinese			
Telenova	TV	DVB-S				3/4	27.500		Italian			
La 9 Sat	TV	DVB-S				3/4	27.500		Italian			
TRT Türk	TV	DVB-S				3/4	27.500	Y	Turkish			
Alanwar TV	TV	DVB-S				3/4	27.500		Arabic			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.		
				Digital	FEC	MSy/s					
D 10.992	V	Europe	Imam Hussein TV	TV	DVB-S	3/4	27.500		Farsi		
			Myanmar International	TV	DVB-S	3/4	27.500		English		
			TVK	TV	DVB-S	3/4	27.500				
			Baby TV Europe	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0	German,English,French,Dutch,Turkish,Poli sh,Spanish,Portuguese,Italian		
			Payam-e-Afghan TV	TV	DVB-S	3/4	27.500		Farsi		
			The Word Network	TV	DVB-S	3/4	27.500		English		
			Music Box Ru	TV	DVB-S	3/4	27.500		Russian		
			La 8	TV	DVB-S	3/4	27.500		Italian		
			Jamawar Kurdistan Radio	radio	DVB-S	3/4	27.500		Kurdish		
			Radio Nawa Arabic	radio	DVB-S	3/4	27.500		Arabic		
			TSR	radio	DVB-S	3/4	27.500		Turkish		
			Voice of Turkey World	radio	DVB-S	3/4	27.500				
			Voice of Turkey West	radio	DVB-S	3/4	27.500				
			Radio Nawa Kurdish	radio	DVB-S	3/4	27.500		Kurdish		
			TRT FM	radio	DVB-S	3/4	27.500		Turkish		
			VAB Radio	radio	DVB-S	3/4	27.500		Vietnamese		
			<u>RAI</u>	package	DVB-S	2/3	27.500	Mediaguard 1/Nagravision 3			
			Rai 4	TV	DVB-S	2/3	Y 27.500	Mediaguard 1/Nagravision 3	Italian		
			Rai News	TV	DVB-S	2/3	27.500		Italian		
			Rai 3	TV	DVB-S	2/3	Y 27.500	Mediaguard 1/Nagravision 3	Italian		
			Rai 2	TV	DVB-S	2/3	Y 27.500	Mediaguard 1/Nagravision 3	Italian		
			Rai 1	TV	DVB-S	2/3	Y 27.500	Mediaguard 1/Nagravision 3	Italian		
			Rai Movie	TV	DVB-S	2/3	27.500	Nagravision 3	Italian		
			Rai Radio 1 AM	radio	DVB-S	2/3	27.500		Italian		
			Rai Italia Radio	radio	DVB-S	2/3	27.500				
			Rai Italia Radio	radio	DVB-S	2/3	27.500				
			Filodiffusione 4	radio	DVB-S	2/3	27.500		Italian		
			Rai Radio 3	radio	DVB-S	2/3	27.500		Italian		
			Rai Radio 2	radio	DVB-S	2/3	27.500		Italian		
			D 11.013	H	Europe	<u>RRsat Global Communications Network</u>	package	DVB-S	3/4	27.500	
						Al Fayhaa TV	TV	DVB-S	3/4	27.500	Arabic
						Mondo Shop	TV	DVB-S	3/4	27.500	Italian
						Diprè Art Channel	TV	DVB-S	3/4	27.500	Italian
			Ru TV	TV	DVB-S	3/4	27.500	Russian			
			Gali Kurdistan	TV	DVB-S	3/4	27.500	Kurdish			
			Fuego TV	TV	DVB-S	3/4	27.500	Italian			
			Mohabat TV	TV	DVB-S	3/4	27.500	Farsi			
			Hope Channel Europe	TV	DVB-S	3/4	27.500				
			One	TV	DVB-S	3/4	27.500	Italian			
			Eurotic TV	TV	DVB-S	3/4	27.500				
			Russian Travel Guide TV	TV	DVB-S	3/4	27.500	English,Russian			
			MTA 3 Al Arabiyah	TV	DVB-S	3/4	27.500	Arabic			
			Pro TV International	TV	DVB-S	3/4	27.500	Romanian			
			Dieu TV Sat	TV	DVB-S	3/4	27.500	French			
			Number One Channel	TV	DVB-S	3/4	27.500	Italian			
			Oltre sex	TV	DVB-S	3/4	27.500	Italian			
			Mare TV	TV	DVB-S	3/4	27.500	Italian			
			CGN TV	TV	DVB-S	3/4	27.500	Korean			
			In TV	TV	DVB-S	3/4	27.500	Italian			
			RT Arabic	TV	DVB-S	3/4	27.500	Arabic			
			Russkoe Radio	radio	DVB-S	3/4	27.500	Codicrypt			
			Radio Number One	radio	DVB-S	3/4	27.500	Italian			
			TBC	radio	DVB-S	3/4	27.500	Tamil			
			Radio Mojdeh	radio	DVB-S	3/4	27.500	Farsi			
			European Tamil Radio	radio	DVB-S	3/4	27.500	Tamil			
			GTBC FM	radio	DVB-S	3/4	27.500	Tamil			
			Eurapejskaje Radyjo dla Bielarusi	radio	DVB-S	3/4	27.500	Belarusian			
			London Tamil FM	radio	DVB-S	3/4	27.500	Tamil			
			Radio Novaya Zhizn	radio	DVB-S	3/4	27.500	Russian			
D 11.034	V	Europe	<u>GlobeCast</u>	package	DVB-S	3/4	27.500				
			2M Monde	TV	DVB-S	3/4	27.500	Arabic			
			AzTV	TV	DVB-S	3/4	27.500	Azerbaijan			
			Al Jazeera English	TV	DVB-S	3/4	27.500	English			
			Game One	TV	DVB-S	3/4	27.500	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0			
			Berbère TV	TV	DVB-S	3/4	27.500	Viaccess 2.5			
			Rossiya 24	TV	DVB-S	3/4	27.500	Russian			
			RTR Planeta	TV	DVB-S	3/4	27.500	Russian			
			CCTV News English	TV	DVB-S	3/4	27.500	English			
			Shanson TV	TV	DVB-S	3/4	27.500	Russian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 11.054	H	Europe	Sarafan	TV	DVB-S	3/4	27.500			Russian		
			Algérie 4	TV	DVB-S	3/4	27.500					
			Shant TV	TV	DVB-S	3/4	27.500				Armenian	
			Algérie 5	TV	DVB-S	3/4	27.500				Arabic	
			Radio Chanson	radio	DVB-S	3/4	27.500				Russian	
			Radio Antenn	radio	DVB-S	3/4	27.500				Azerbaijan	
			Berbère Radio	radio	DVB-S	3/4	27.500				Berber	
			Radio 2M	radio	DVB-S	3/4	27.500					
			<u>Media Broadcast</u>	package	DVB-S	5/6	27.500					
			CTV	TV	DVB-S	5/6	27.500				Arabic	
			RTL Schweiz	TV	DVB-S	5/6	Y 27.500				German,German	
			BW TV	TV	DVB-S	5/6	27.500	PowerVu			German	
			Mohajer International TV	TV	DVB-S	5/6	27.500				Farsi	
			Iran Beauty	TV	DVB-S	5/6	27.500				Farsi	
			TV Persia 1	TV	DVB-S	5/6	27.500				Farsi	
			Iran Tele Market	TV	DVB-S	5/6	27.500					
			Iran Music	TV	DVB-S	5/6	27.500					
			Ebru TV	TV	DVB-S	5/6	27.500				English	
			RTL 2 Schweiz	TV	DVB-S	5/6	Y 27.500				German	
			Sri TV	TV	DVB-S	5/6	27.500					
			E4me TV	TV	DVB-S	5/6	27.500				Farsi	
			Persian star	TV	DVB-S	5/6	27.500					
			ZDF	TV	DVB-S	5/6	Y 27.500				German	
			POS Radio Kaufland	radio	DVB-S	5/6	27.500				German	
			EuroSpar Music	radio	DVB-S	5/6	27.500				German	
			POS Radio AC	radio	DVB-S	5/6	27.500				German	
			POS Radio Soft AC	radio	DVB-S	5/6	27.500				German	
			POS Radio Euro AC	radio	DVB-S	5/6	27.500				German	
			POS Radio Hot AC	radio	DVB-S	5/6	27.500				German	
			POS Radio CHR	radio	DVB-S	5/6	27.500				German	
			POS Radio	radio	DVB-S	5/6	27.500				German	
			D 11.075	V	Europe	<u>Viacom</u>	package	DVB-S	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0	
						Nickelodeon Europe	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Nagravision 3/Viaccess 3.0	Polish,English,Russian
MTVN HD	TV	DVB-S				3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0	English,English			
Comedy Central Polska	TV	DVB-S				3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish			
VH1 Europe A	TV	DVB-S				3/4	27.500	Conax/Cryptoworks/Mediaguard 2	English			
MTV Europe	TV	DVB-S				3/4	27.500	Cryptoworks	English			
Viva Polska	TV	DVB-S				3/4	27.500		Polish			
VH1 Polska	TV	DVB-S				3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish			
MTV Polska	TV	DVB-S				3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish			
D 11.096	H	Europe				<u>American Forces Network</u>	package	DVB-S	3/4	28.000	PowerVu	
			AFN Movie	TV	DVB-S	3/4	28.000	PowerVu	English			
			AFN Prime Atlantic Aviano	TV	DVB-S	3/4	28.000	PowerVu	English			
			AFN Prime Atlantic Vicenza	TV	DVB-S	3/4	28.000	PowerVu	English			
			AFN Prime Atlantic Naples	TV	DVB-S	3/4	28.000	PowerVu	English			
			AFN Prime Atlantic Sigonella	TV	DVB-S	3/4	28.000	PowerVu	English			
			AFN News	TV	DVB-S	3/4	28.000	PowerVu	English			
			AFN Xtra	TV	DVB-S	3/4	28.000	PowerVu	English			
			AFN Prime Rota	TV	DVB-S	3/4	28.000	PowerVu	English			
			AFN Prime Freedom	TV	DVB-S	3/4	28.000	PowerVu	English			
			AFN Family	TV	DVB-S	3/4	28.000	PowerVu	English			
			Pentagon Channel	TV	DVB-S	3/4	28.000		English			
			AFN Power Network Naples	radio	DVB-S	3/4	28.000	PowerVu	English			
			AFN Power Network Livorno	radio	DVB-S	3/4	28.000	PowerVu	English			
			AFN PowerTalk promo	radio	DVB-S	3/4	28.000		English			
			AFN Uninterruptable Voice	radio	DVB-S	3/4	28.000		English			
			Z-Rock	radio	DVB-S	3/4	28.000		English			
			AFN The Eagle Souda Bay	radio	DVB-S	3/4	28.000	PowerVu	English			
			106 The Power Network	radio	DVB-S	3/4	28.000	PowerVu	English			
			AFN The Eagle Rota	radio	DVB-S	3/4	28.000	PowerVu	English			
			AFN The Eagle Sigonella	radio	DVB-S	3/4	28.000	PowerVu	English			
			AFN The Eagle Naples	radio	DVB-S	3/4	28.000	PowerVu	English			
			Power 107 FM	radio	DVB-S	3/4	28.000	PowerVu	English			
			AFN The Eagle Vicenza 106	radio	DVB-S	3/4	28.000	PowerVu	English			
			Power 107 FM	radio	DVB-S	3/4	28.000	PowerVu	English			
			AFN The Eagle Vicenza 106	radio	DVB-S	3/4	28.000	PowerVu	English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 11.117	V	Europe	AFN The Eagle Livorno	radio	DVB-S	3/4	28.000	PowerVu	English			
			AFN Power Network Sigonella	radio	DVB-S	3/4	28.000	PowerVu	English			
			AFN Freedom Radio	radio	DVB-S	3/4	28.000	PowerVu	English			
			<u>GlobeCast</u>	package	DVB-S	3/4	27.500	Conax/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0				
			KICC TV	TV	DVB-S	3/4	27.500		English			
			BBC Entertainment Polska	TV	DVB-S	3/4	27.500	Nagravision 3/Viaccess 3.0	Polish,English			
			BBC Lifestyle Polska	TV	DVB-S	3/4	27.500	Nagravision 3/Viaccess 3.0	Polish,English			
			CBeebies Polska	TV	DVB-S	3/4	27.500	Nagravision 3/Viaccess 3.0	Polish,English			
			R1	TV	DVB-S	3/4	27.500		Russian			
			Yes Italia	TV	DVB-S	3/4	27.500		Italian			
			CNBC Europe	TV	DVB-S	3/4	27.500		English			
			Investigation Discovery Europe	TV	DVB-S	3/4	27.500	Conax/Irdeto 2/Mediaguard 2/Viaccess 3.0	Polish,English			
			TLC Balkan	TV	DVB-S	3/4	27.500	Conax/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English			
			D 11.137	H	Europe	BBC Knowledge Polska	TV	DVB-S	3/4	27.500	Nagravision 3/Viaccess 3.0	Polish,English
<u>Arqiva</u>	package	DVB-S				3/4	27.500					
Gem TV	TV	DVB-S				3/4	27.500		Farsi			
TelefortuneSat	TV	DVB-S				3/4	27.500		Italian			
NHK World TV	TV	DVB-S				3/4	27.500		English			
Kurdistan TV	TV	DVB-S				3/4	27.500		Kurdish			
Crime & Investigation Network UK	TV	DVB-S				3/4	27.500	Mediaguard 2	English,Polish			
TV 5 Monde Europe	TV	DVB-S				3/4	Y 27.500		French			
TV 5 Monde FBS	TV	DVB-S				3/4	Y 27.500		French			
Bloomberg TV Europe	TV	DVB-S				3/4	27.500		English			
Motors TV	TV	DVB-S				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0	French,English,German,Serbian,Greek			
D 11.158	V	Europe				<u>Cyfrowy Polsat</u>	package	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3	
						Polsat News	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish
						Polsat 2	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish
			TV Biznes	TV	DVB-S	5/6	27.500		Polish			
			Polsat Café	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish			
			Polsat Sport Extra	TV	DVB-S	5/6	27.500	Nagravision 3	Polish			
			Polsat Sport	TV	DVB-S	5/6	27.500	Nagravision 3	Polish			
			TV 4	TV	DVB-S	5/6	Y 27.500	Conax/Mediaguard 2/Nagravision 3	Polish			
			Polsat Play	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish			
			Polsat	TV	DVB-S	5/6	Y 27.500	Mediaguard 2/Nagravision 3	Polish			
D 11.179	H	Europe	<u>Telespazio</u>	package	DVB-S	3/4	27.500					
			TV Canção Nova Internacional	TV	DVB-S	3/4	27.500		Portuguese			
			Italia 8 Prestige	TV	DVB-S	3/4	27.500		Italian			
			EUArmenia	TV	DVB-S	3/4	27.500		Armenian			
			Erde & Mensch	TV	DVB-S	3/4	27.500		German			
			Telemarket	TV	DVB-S	3/4	Y 27.500		Italian			
			Studio Europa	TV	DVB-S	3/4	27.500		Italian			
			Globe Media	TV	DVB-S	3/4	27.500		Italian			
			Alanwar TV	TV	DVB-S	3/4	27.500		Arabic			
			Payam-e-Afghan TV	TV	DVB-S	3/4	27.500		Farsi			
			NTD TV	TV	DVB-S	3/4	27.500		Chinese			
			Imam Hussein TV	TV	DVB-S	3/4	27.500		Farsi			
			TeF Channel	TV	DVB-S	3/4	27.500		Italian			
			Moto TV	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Teletotto	TV	DVB-S	3/4	27.500		Italian			
			TRSP	TV	DVB-S	3/4	27.500		Italian			
			TV Moda	TV	DVB-S	3/4	27.500		Italian			
			Tele Padre Pio	TV	DVB-S	3/4	27.500		Italian			
			New TV	TV	DVB-S	3/4	27.500		Italian			
			GBR	TV	DVB-S	3/4	27.500		Italian			
			VAB Radio	radio	DVB-S	3/4	27.500		Vietnamese			
			Jamawar Kurdistan Radio	radio	DVB-S	3/4	27.500		Kurdish			
			D 11.200	V	Europe	<u>Milano Teleport</u>	package	DVB-S	5/6	27.500		
						Motori TV	TV	DVB-S	5/6	27.500		Italian
Betting Channel	TV	DVB-S				5/6	27.500		Italian			
Odeon Sat	TV	DVB-S				5/6	27.500		Italian			
TeleCampione	TV	DVB-S				5/6	27.500		Italian			
Arte Oggi TV	TV	DVB-S				5/6	27.500		Italian			
Sathouse promo	TV	DVB-S				5/6	27.500		Italian			
Liguria TV	TV	DVB-S				5/6	27.500		Italian			
Play TV	TV	DVB-S				5/6	27.500		Italian			
Free Channel	TV	DVB-S				5/6	27.500		Italian			
EBC 1	TV	DVB-S				5/6	27.500		Farsi			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			Trentino TV	TV	DVB-S	5/6	27.500		Italian
			Velayat TV Network	TV	DVB-S	5/6	27.500		Urdu
			Elite Shopping TV	TV	DVB-S	5/6	27.500		Italian
			KlikSat	TV	DVB-S	5/6	27.500		Farsi
			Star Sat	TV	DVB-S	5/6	27.500		Italian
			Diamante TV	TV	DVB-S	5/6	27.500		Italian
			G Channel	TV	DVB-S	5/6	27.500		Italian
			Napoli Mia	TV	DVB-S	5/6	27.500		Italian
			Beladi Satellite TV	TV	DVB-S	5/6	27.500		Arabic
			UTV	TV	DVB-S	5/6	27.500		English
			Sat 8	TV	DVB-S	5/6	27.500		Italian
			Lunasat	TV	DVB-S	5/6	27.500		Italian
			Radio Expert	radio	DVB-S	5/6	27.500		Italian
			Gye Nyame Radio	radio	DVB-S	5/6	27.500		
			Radio McDonald's	radio	DVB-S	5/6	27.500		Italian
			Radio Jeans	radio	DVB-S	5/6	27.500		Italian
			Radio Shora	radio	DVB-S	5/6	27.500		Arabic
			Rang-a-Rang Radio	radio	DVB-S	5/6	27.500		Farsi
			Radio Euronics	radio	DVB-S	5/6	27.500		Italian
			Radio Intesa San Paolo	radio	DVB-S	5/6	27.500		Italian
			Salam Watandar	radio	DVB-S	5/6	27.500		
D 11.219	H	Europe	<u>Skv Italia</u>	package	DVB-S	3/4	27.500	Videoguard	
			Playhouse Disney Italia +1	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Mediaset Plus	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Rock TV	TV	DVB-S	3/4	27.500	Videoguard	Italian
			DeA Kids +1	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Match Music TV	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Disney XD Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Discovery Channel Italia +1	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Cartoon Network Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Hip Hop TV	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Capital Livetime	radio	DVB-S	3/4	27.500	Videoguard	
			Deejay 50 Songs	radio	DVB-S	3/4	27.500	Videoguard	
			Baby Mix	radio	DVB-S	3/4	27.500	Videoguard	
			Yesterjay '80	radio	DVB-S	3/4	27.500	Videoguard	
			Yesterjay '90	radio	DVB-S	3/4	27.500	Videoguard	
			Hit Italia	radio	DVB-S	3/4	27.500	Videoguard	
			Italian Vintage	radio	DVB-S	3/4	27.500	Videoguard	
			Capital '70	radio	DVB-S	3/4	27.500	Videoguard	
			Vintage '60	radio	DVB-S	3/4	27.500	Videoguard	
			Soulsista	radio	DVB-S	3/4	27.500	Videoguard	
			Yesterjay 2000	radio	DVB-S	3/4	27.500	Videoguard	
			Heart 'n Song	radio	DVB-S	3/4	27.500	Videoguard	
			Dance	radio	DVB-S	3/4	27.500	Videoguard	
			Ritmo Latino	radio	DVB-S	3/4	27.500	Videoguard	
			Extra Beat	radio	DVB-S	3/4	27.500	Videoguard	
			Disc Joker	radio	DVB-S	3/4	27.500	Videoguard	
			Jazz & Fusion	radio	DVB-S	3/4	27.500	Videoguard	
			Cinema DeeJay	radio	DVB-S	3/4	27.500	Videoguard	
			Sinfonia	radio	DVB-S	3/4	27.500	Videoguard	
			Soul Train	radio	DVB-S	3/4	27.500	Videoguard	
			Jazz Gold	radio	DVB-S	3/4	27.500	Videoguard	
			B-Side	radio	DVB-S	3/4	27.500	Videoguard	
			Rock Shock	radio	DVB-S	3/4	27.500	Videoguard	
			Capital Rock Classic	radio	DVB-S	3/4	27.500	Videoguard	
			Opera	radio	DVB-S	3/4	27.500	Videoguard	
D 11.240	V	Europe	<u>Eutelsat</u>	package	DVB-S	3/4	27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			La Deux	TV	DVB-S	3/4	Y 27.500	Mediaguard 2/Viaccess 4.0	French
			Eurosport	TV	DVB-S	3/4	Y 27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0/Videoguard	English,Greek,Dutch,Polish,Russian,Portuguese,Romanian,Czech,Hungarian,Bulgarian,Turkish,Serbian
			France 24 English	TV	DVB-S	3/4	27.500		English
			France 24 Français	TV	DVB-S	3/4	27.500		French
			Eurosport 2	TV	DVB-S	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
			Disney Channel France	TV	DVB-S	3/4	27.500	Mediaguard 2/Viaccess 4.0	French

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
D 11.258	H	Europe	RTL TVI	TV	DVB-S	3/4	Y 27.500	Mediaguard 2/Viaccess 4.0	French
			Club RTL	TV	DVB-S	3/4	Y 27.500	Mediaguard 2/Viaccess 4.0	French
			Plug RTL	TV	DVB-S	3/4	Y 27.500	Mediaguard 2/Viaccess 4.0	French
			Eurosport 2 North-East	TV	DVB-S	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English,Polish,Serbian,Czech,Danish,Russian,Swedish,Hungarian,Romanian
			La Une	TV	DVB-S	3/4	Y 27.500	Mediaguard 2/Viaccess 4.0	French
			<u>N</u>	package	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
			TVP HD	TV	DVB-S2	3/4	27.500	Conax	Polish
			Cinemax Central Europe	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3	Polish
			Animal Planet HD	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3	Polish
			Nat Geo Wild HD Europe	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English,French,Russian,Turkish
A 11.278	V	Europe	Eurosport 2 North-East	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Danish,Serbian,English,Czech,Russian,Swedish,Hungarian
			NFilm HD 2	TV	DVB-S2	3/4	27.500	Conax	Polish,Polish
			Wojna i Pokój	TV	DVB-S2	3/4	27.500	Conax	Polish,Russian
			NFilm HD	TV	DVB-S2	3/4	27.500	Conax	Polish,Polish
			<u>Cyfra +</u>	package	DVB-S2	3/4	27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0/Videoguard	
			Canal + Sport Polska	TV	DVB-S2	3/4	27.500	Mediaguard 2/Nagravision 3	Polish
			Eurosport	TV	DVB-S2	3/4	27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Viaccess 4.0/Videoguard	English,Turkish,Russian,Dutch,Czech,German,Portuguese,Polish,Hungarian,Spanish,Italian,Romanian,Greek
			Canal + Film	TV	DVB-S2	3/4	27.500	Mediaguard 2	Polish
			National Geographic Channel HD UK	TV	DVB-S2	3/4	27.500	Mediaguard 2	Polish
			FilmBox HD	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3	Polish,Czech
D 11.296	H	Europe	TVP HD	TV	DVB-S2	3/4	27.500	Mediaguard 2/Nagravision 3	Polish
			<u>Al Jazeera Sport</u>	package	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	
			Al Jazeera Sport Channel +1	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	English,Arabic
			Al Jazeera Sport Channel +2	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English
			Al Jazeera Sport Channel +3	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English
			Al Jazeera Sport Channel +4	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English
			Al Jazeera Sport Channel +5	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English
			Al Jazeera Sport Channel +6	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English
			Al Jazeera Sport Channel +7	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English
			Al Jazeera Sport Channel +8	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English
D 11.317	V	Europe	Al Jazeera Sport Channel +10	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English
			Al Jazeera Sport Channel +9	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English
			<u>Arqiva</u>	package	DVB-S	3/4	27.500		
			RT Arabic	TV	DVB-S	3/4	27.500		Arabic
			Libya Sports 2	TV	DVB-S	3/4	27.500		Arabic
			Betorium	TV	DVB-S	3/4	27.500		Greek
			Manoto 1	TV	DVB-S	3/4	27.500		Farsi
			Videolina Sat	TV	DVB-S	3/4	27.500		Italian
			Sardegna 1 Sat	TV	DVB-S	3/4	27.500		Italian
			Suroyo TV	TV	DVB-S	3/4	27.500		
D 11.334	H	Europe	RT English	TV	DVB-S	3/4	27.500		English
			Truth TV	TV	DVB-S	3/4	27.500		Arabic
			Edessa TV Shop	TV	DVB-S	3/4	27.500		
			CSB TV	TV	DVB-S	3/4	27.500		
			PDF	TV	DVB-S	3/4	27.500		
			Suryoyo Sat	TV	DVB-S	3/4	27.500		
			Radiolina	radio	DVB-S	3/4	27.500		Italian
			Radio Kaszëbë	radio	DVB-S	3/4	27.500		
			<u>Mediaset</u>	package	DVB-S2	2/3	27.500	Mediaguard 2/Nagravision 3	
			Mya +1	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
D 11.334	H	Europe	Hiro	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
			Premium Menu	TV	DVB-S2	2/3	27.500		Italian
			Premium Calcio	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
			Premium Calcio 1	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
			Premium Calcio 2	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
			Disney Channel Italia +1	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
			Premium Calcio 3	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
			Premium Calcio 4	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
			Premium Calcio 5	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
			Premium Calcio 6	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
Premium Calcio	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian			
Italia 1	TV	DVB-S2	2/3	27.500	Mediaguard 2	Italian			
Rete 4 +1	TV	DVB-S2	2/3	27.500		Italian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.355	V	Europe	Steel +1	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
			Canale 5	TV	DVB-S2	2/3	27.500	Mediaguard 2	Italian
			Cartoon Network Italia	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
			Premium Moto GP	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
			Playhouse Disney Italia	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
			<u>Sky Italia</u>	package	DVB-S	3/4	27.500	Videoguard	
			Sky Assist	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Sky Primafila 23	TV	DVB-S	3/4	27.500	Videoguard	Italian,Italian
			Hallmark Channel Italy	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Voce	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Live!	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Fox Life Italia +1	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Sky Primafila 22	TV	DVB-S	3/4	27.500	Videoguard	Italian,Italian
			Music Box Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Sky Primafila 21	TV	DVB-S	3/4	27.500	Videoguard	Italian,Italian
			RMC 1	radio	DVB-S	3/4	27.500	Videoguard	Italian
			RTL 102.5 FM	radio	DVB-S	3/4	27.500	Videoguard	Italian
			Radio Dimensione Suono	radio	DVB-S	3/4	27.500	Videoguard	Italian
			Radio 24	radio	DVB-S	3/4	27.500	Videoguard	Italian
			Radio Italia	radio	DVB-S	3/4	27.500	Videoguard	Italian
			R101	radio	DVB-S	3/4	27.500	Videoguard	Italian
			Radio Kiss Kiss	radio	DVB-S	3/4	27.500	Videoguard	Italian
			Radio Capital	radio	DVB-S	3/4	27.500	Videoguard	Italian
			Virgin Radio Italia	radio	DVB-S	3/4	27.500	Videoguard	Italian
			Radio 105	radio	DVB-S	3/4	27.500	Videoguard	Italian
			Radio DeeJay	radio	DVB-S	3/4	27.500	Videoguard	Italian
M2o	radio	DVB-S	3/4	27.500	Videoguard	Italian			
Sky Radio	radio	DVB-S	3/4	27.500	Videoguard	Italian			
D 11.373	H	Europe	<u>Mediaset</u>	package	DVB-S2	2/3	27.500	Nagravision 3	
			Premium Cinema	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian,English
			Premium Cinema Energy	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
			Studio Universal Italia	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
			Joi +1	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
			Joi	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
			Mya	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
			Steel	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
			Premium Cinema Emotion	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian
			<u>Telewizja na karte</u>	package	DVB-S	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
D 11.393	V	Europe	TVN Meteo	TV	DVB-S	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
			TVN CNBC	TV	DVB-S	3/4	27.500	Conax/Mediaguard 2/Viaccess 3.0	Polish
			TVN	TV	DVB-S	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Polish
			TVN 24	TV	DVB-S	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
			Mango 24	TV	DVB-S	3/4	Y 27.500		Polish
			TVN Turbo	TV	DVB-S	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
			TVN Style	TV	DVB-S	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish
			TVN 7	TV	DVB-S	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Polish
D 11.411	H	Europe	<u>Telekom Srbija</u>	package	DVB-S	5/6	27.500		
			Al Islah TV	TV	DVB-S	5/6	27.500		Arabic
			Zee TV Russia	TV	DVB-S	5/6	27.500	Irdeto 2	Russian
			Zee Cinema UK	TV	DVB-S	5/6	Y 27.500	Irdeto 2	Hindi
			Dorcel TV	TV	DVB-S	5/6	27.500	Irdeto 2/Mediaguard 2/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English,French,German
			Free-X TV	TV	DVB-S	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6/Viaccess 4.0	Italian
			X-Dream TV	TV	DVB-S	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6/Viaccess 4.0	Italian
			La Nuova TV	TV	DVB-S	5/6	27.500		Italian
			RTA	TV	DVB-S	5/6	27.500		
			Zee TV UK	TV	DVB-S	5/6	Y 27.500	Irdeto 2	Hindi
			Free-X TV 2	TV	DVB-S	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6/Viaccess 4.0	Italian
			Divafutura Channel	TV	DVB-S	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6	Italian
			RTS Satelit	TV	DVB-S	5/6	27.500		Serbian
			Redlight Premium Channel promo	TV	DVB-S	5/6	27.500		Italian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.432	V	Europe	Redlight Premium Channel	TV	DVB-S	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6/Viaccess 3.0	Italian
			French Lover TV	TV	DVB-S	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6/Viaccess 4.0	French
			Tiziana Sat	TV	DVB-S	5/6	27.500		Italian
			Kanal Hayat	TV	DVB-S	5/6	27.500		Turkish
			Al Hayat	TV	DVB-S	5/6	27.500		Arabic
			Azad TV International	TV	DVB-S	5/6	27.500		Azerbaijan
			Radio Beograd 1	radio	DVB-S	5/6	27.500		Serbian
			Mediaset	package	DVB-S2	2/3	27.500		
			Italia 1	TV	DVB-S2	2/3	27.500		Italian
			Class CNBC	TV	DVB-S2	2/3	27.500		Italian
			Coming Soon TV	TV	DVB-S2	2/3	27.500		Italian
			BBC World News	TV	DVB-S2	2/3	27.500		English
			Canale 5	TV	DVB-S2	2/3	27.500		Italian
			Iris	TV	DVB-S2	2/3	27.500		Italian
			Boing Italia	TV	DVB-S2	2/3	27.500		Italian
			Rete 4	TV	DVB-S2	2/3	27.500		Italian
			A 11.449	H	Europe	N	package	DVB-S2	3/4
N Sport	TV	DVB-S2				3/4	27.500	Conax	Polish,Polish
TVN	TV	DVB-S2				3/4	27.500	Conax	Polish,Polish
TVN +1	TV	DVB-S2				3/4	27.500	Conax	Polish,Polish
VOD	TV	DVB-S2				3/4	27.500	Conax	Polish,English
MGM HD Polska	TV	DVB-S2				3/4	27.500	Conax	Polish
Discovery HD Showcase	TV	DVB-S2				3/4	27.500	Conax/Nagravision 3	Polish
D 11.471	V	Europe	SatlLink	package	DVB-S	5/6	27.500		
			Omid-e-Iran	TV	DVB-S	5/6	27.500		Farsi
			Komala TV	TV	DVB-S	5/6	27.500		Kurdish
			Tasvir e Iran	TV	DVB-S	5/6	27.500		Farsi
			Al Malakoot Sat	TV	DVB-S	5/6	27.500		Arabic
			Sawalef X	TV	DVB-S	5/6	27.500		Arabic
			Al Islah TV	TV	DVB-S	5/6	27.500		Arabic
			Yahweh Prophetic TV	TV	DVB-S	5/6	27.500		English
			Al Minber TV	TV	DVB-S	5/6	27.500		Arabic
			Al-Mawaddah TV	TV	DVB-S	5/6	27.500		Arabic
			Barbara Commercial TV	TV	DVB-S	5/6	27.500		Italian
			Tivù Tivù	TV	DVB-S	5/6	27.500		Italian
			Natural TV	TV	DVB-S	5/6	27.500		Turkish
			Impact TV Network	TV	DVB-S	5/6	27.500		Russian
			Kahkeshan TV	TV	DVB-S	5/6	27.500		Farsi
			Dardasha TV	TV	DVB-S	5/6	27.500		
			People TV	TV	DVB-S	5/6	27.500		Italian
			One Sri Lanka Channel	TV	DVB-S	5/6	27.500		Sinhalese
			Gold Sat	TV	DVB-S	5/6	27.500		Italian
			Spy TV	TV	DVB-S	5/6	27.500		Italian
			Wewell Channel promo	TV	DVB-S	5/6	27.500		Italian
			Carpe Diem	TV	DVB-S	5/6	27.500		Italian
			Studio 100 Sat	TV	DVB-S	5/6	27.500		Italian
			Eos	TV	DVB-S	5/6	27.500		Italian
			Reteconomy	TV	DVB-S	5/6	27.500		Italian
			TVA Vicenza	TV	DVB-S	5/6	27.500		Italian
			Rete Oro Sat	TV	DVB-S	5/6	27.500		Italian
			Barbara Commercial TV	TV	DVB-S	5/6	27.500		Italian
			MC TV	TV	DVB-S	5/6	27.500		Italian
			Telecolore	TV	DVB-S	5/6	27.500		Italian
			3 Channel	TV	DVB-S	5/6	27.500		Italian
			Radio Vlaanderen	radio	DVB-S	5/6	27.500		Dutch
			Radio Vlaanderen Info	radio	DVB-S	5/6	27.500		Dutch
			Radio Light	radio	DVB-S	5/6	27.500		
			Payam-e-Doost	radio	DVB-S	5/6	27.500		Farsi
			Radio 74	radio	DVB-S	5/6	27.500		English
			D 11.488	H	Europe	Cyfra +	package	DVB-S	5/6
Cyfra + VOD promo	TV	DVB-S				5/6	27.500	Mediaguard 2/Nagravision 3	Polish
TVP Kultura	TV	DVB-S				5/6	Y 27.500		Polish
Animal Planet Europe	TV	DVB-S				5/6	27.500	Mediaguard 2/Nagravision 3	Polish
Zone Club Polska	TV	DVB-S				5/6	27.500	Mediaguard 2/Nagravision 3	Polish,English
Zone Reality Polska	TV	DVB-S				5/6	27.500	Mediaguard 2/Nagravision 3	Polish,English
Cinemax Central Europe	TV	DVB-S				5/6	27.500	Mediaguard 2/Nagravision 3	Polish
Kino Polska	TV	DVB-S				5/6	27.500	Mediaguard 2/Nagravision 3	Polish
ITV	TV	DVB-S				5/6	Y 27.500		Polish

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 11.508	V	Europe	TV Puls	TV	DVB-S	5/6	27.500		Polish			
			Trace TV	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3/Viaccess 2.6/Viaccess 3.0	English			
			TVS	TV	DVB-S	5/6	Y 27.500		Polish			
			TVP Polonia	TV	DVB-S	5/6	Y 27.500		Polish			
			TVP Info	TV	DVB-S	5/6	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish			
			<u>Grupa ITI</u>	package	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0				
			Discovery Historia	TV	DVB-S	5/6	27.500	Conax/Viaccess 3.0	Polish			
			TVN Warszawa	TV	DVB-S	5/6	Y 27.500		Polish			
			Discovery Channel Polska	TV	DVB-S	5/6	27.500	Conax	Polish			
			Religia TV	TV	DVB-S	5/6	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish			
D 11.526	H	Europe	N Sport	TV	DVB-S	5/6	27.500	Conax	Polish			
			TVP Sport	TV	DVB-S	5/6	27.500	Conax	Polish			
			TVR	TV	DVB-S	5/6	27.500		Polish			
			Eska TV	TV	DVB-S	5/6	27.500		Polish			
			Kino Polska	TV	DVB-S	5/6	27.500	Conax	Polish			
			<u>SRG SSR</u>	package	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 4.0				
			RSI La 2	TV	DVB-S	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	Italian			
			RSI La 1	TV	DVB-S	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	Italian			
			TSR 1	TV	DVB-S	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	French			
			TSR 2	TV	DVB-S	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	French			
			RSI Rete Due	radio	DVB-S	3/4	27.500		Italian			
			RSR La 1ère	radio	DVB-S	3/4	27.500		French			
			RSI Rete Tre	radio	DVB-S	3/4	27.500		Italian			
			RSI Rete Uno	radio	DVB-S	3/4	27.500		Italian			
			Option Musique	radio	DVB-S	3/4	27.500		French			
			Couleur 3	radio	DVB-S	3/4	27.500		French			
			RSR Espace 2	radio	DVB-S	3/4	27.500		French			
Radio Suisse Classique	radio	DVB-S	3/4	27.500		French						
World Radio Switzerland	radio	DVB-S	3/4	27.500		English						
D 11.541	V	Europe	<u>M-Three satcom</u>	package	DVB-S	5/6	22.000					
			Toscana Channel Sat	TV	DVB-S	5/6	22.000		Italian			
			QVC Italia	TV	DVB-S	5/6	22.000		Italian			
			Jewels La Sorgente	TV	DVB-S	5/6	22.000		Italian			
			T Sat	TV	DVB-S	5/6	22.000		Italian			
			La 7	TV	DVB-S	5/6	Y 22.000	Nagravision 3	Italian			
			Frisbee	TV	DVB-S	5/6	22.000		Italian			
			Italia 8 Prestige	TV	DVB-S	5/6	22.000		Italian			
			YouDem TV	TV	DVB-S	5/6	22.000		Italian			
			Sardegna Channel Sat	TV	DVB-S	5/6	22.000		Italian			
			BergamoSat	TV	DVB-S	5/6	22.000		Italian			
			Teletirreno	TV	DVB-S	5/6	22.000		Italian			
			Radio Sacra Famiglia InBlu	radio	DVB-S	5/6	22.000		Italian			
			Virgin Radio Italia	radio	DVB-S	5/6	22.000		Italian			
			Radio Studio House	radio	DVB-S	5/6	22.000		Italian			
			Radio Kiss Kiss	radio	DVB-S	5/6	22.000		Italian			
			RMC 2	radio	DVB-S	5/6	22.000		Italian			
			M2o	radio	DVB-S	5/6	22.000		Italian			
			Radio Cuore	radio	DVB-S	5/6	22.000		Italian			
			Radio Cuore 2	radio	DVB-S	5/6	22.000		Italian			
			Radio 24	radio	DVB-S	5/6	22.000		Italian			
			Radio Iglesias	radio	DVB-S	5/6	22.000		Italian			
			Radio Capital	radio	DVB-S	5/6	22.000		Italian			
			Radio DeeJay	radio	DVB-S	5/6	22.000		Italian			
			Radio Kolbe	radio	DVB-S	5/6	22.000		Italian			
			R101	radio	DVB-S	5/6	22.000		Italian			
			DiscoRadio	radio	DVB-S	5/6	22.000		Italian			
			Radio Buon Consiglio	radio	DVB-S	5/6	22.000		Italian			
			Tam Tam Network	radio	DVB-S	5/6	22.000		Italian			
			Radio Onda d'Urto	radio	DVB-S	5/6	22.000		Italian			
			D 11.566	H	Europe	<u>Trinity Broadcasting Network</u>	package	DVB-S	3/4	27.500		
						Nejat TV	TV	DVB-S	3/4	27.500		Farsi
						CallShop	TV	DVB-S	3/4	27.500		
Nour TV	TV	DVB-S				3/4	27.500		Farsi			
Huda TV	TV	DVB-S				3/4	27.500		English			
TBN Rossiya	TV	DVB-S				3/4	27.500		Russian			
ICC Classic	TV	DVB-S				3/4	27.500		Farsi			
Smile of a Child TV	TV	DVB-S				3/4	27.500		English			

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.	
				Digital	FEC				
D 11.585	V	Europe	Enlace TBN	TV	DVB-S	3/4	27.500	Spanish	
			Ulibka Rebyonka	TV	DVB-S	3/4	27.500	Russian	
			IPN TV	TV	DVB-S	3/4	27.500	Farsi	
			Salaam TV	TV	DVB-S	3/4	27.500	Arabic	
			JCTV	TV	DVB-S	3/4	27.500	English	
			TBN Italia	TV	DVB-S	3/4	27.500	Italian	
			TBN Europe	TV	DVB-S	3/4	27.500	English	
			The Healing Channel	TV	DVB-S	3/4	27.500	Arabic	
			The Church Channel	TV	DVB-S	3/4	27.500	English	
			<u>GlobeCast World TV</u>	package	DVB-S	3/4	27.500		
			Rebel TV	TV	DVB-S	3/4	27.500	Polish	
			121 Turkiye	TV	DVB-S	3/4	27.500		
			Fashion One	TV	DVB-S	3/4	27.500	English	
			Daystar TV	TV	DVB-S	3/4	27.500	English	
			Loveworld TV	TV	DVB-S	3/4	27.500	English	
			Kalaighar TV UK	TV	DVB-S	3/4	27.500	Tamil	
			Viva l'Italia Channel	TV	DVB-S	3/4	27.500	Italian	
			Yerkir Media TV	TV	DVB-S	3/4	27.500	Armenian	
			Ariana TV Network International	TV	DVB-S	3/4	27.500		
			Tishk TV	TV	DVB-S	3/4	27.500	Kurdish	
			India Contact	TV	DVB-S	3/4	27.500		
			121 Pakistan	TV	DVB-S	3/4	27.500		
			121 Persia	TV	DVB-S	3/4	27.500		
			121 Salam	TV	DVB-S	3/4	27.500		
			EWTN UK	TV	DVB-S	3/4	27.500	English	
			Payam TV	TV	DVB-S	3/4	27.500	Arabic	
			Poker Italia 24	TV	DVB-S	3/4	27.500	Italian	
			TV Globo Internacional Europa/África	TV	DVB-S	3/4	27.500	Nagravision 2/Viaccess 2.5	Portuguese
			Inspiration Network International	TV	DVB-S	3/4	27.500		English
			Payam Quran	radio	DVB-S	3/4	27.500		
D 11.604	H	Europe	<u>Media Broadcast</u>	package	DVB-S	5/6	27.500		
			IFM TV	TV	DVB-S	5/6	27.500	Farsi	
			Nisa 2 18+	TV	DVB-S	5/6	27.500	Arabic	
			TV Market	TV	DVB-S	5/6	27.500	Farsi	
			121 India	TV	DVB-S	5/6	27.500	Arabic	
			Persian Film	TV	DVB-S	5/6	27.500	Farsi	
			IMN TV	TV	DVB-S	5/6	27.500	Farsi	
			Pali	TV	DVB-S	5/6	27.500	Russian	
			Tele A	TV	DVB-S	5/6	27.500	Italian	
			TV Capital	TV	DVB-S	5/6	27.500	Italian	
			ASO Sat	TV	DVB-S	5/6	27.500	Kurdish	
			Italiama Sat	TV	DVB-S	5/6	27.500	Italian	
			Al-Jameela TV	TV	DVB-S	5/6	27.500	Arabic	
			Arab Girls TV	TV	DVB-S	5/6	27.500	Arabic	
			DW-TV Arabia	TV	DVB-S	5/6	27.500		
			India Girls	TV	DVB-S	5/6	27.500		
			Supreme Master TV	TV	DVB-S	5/6	27.500	English	
			Napoli TLA	TV	DVB-S	5/6	27.500	Italian	
			Sexy Girls TV	TV	DVB-S	5/6	27.500	Arabic	
			DW-TV Europe	TV	DVB-S	5/6	27.500		
			Lebniat TV	TV	DVB-S	5/6	27.500	Arabic	
			Hot Arab Sex	TV	DVB-S	5/6	27.500	Arabic	
			1 to 1 Chat	TV	DVB-S	5/6	27.500	Arabic	
			Arab-Jins TV	TV	DVB-S	5/6	27.500	Arabic	
			Love TV	TV	DVB-S	5/6	27.500	Arabic	
			Ethnic TV	TV	DVB-S	5/6	27.500	Czech	
			DW-Radio 8	radio	DVB-S	5/6	27.500		
			Radio Nederland Wereldomroep	radio	DVB-S	5/6	27.500		
			RNW 4	radio	DVB-S	5/6	27.500		
			DW-Radio 9	radio	DVB-S	5/6	27.500		
DW-Radio 1	radio	DVB-S	5/6	27.500	German				
DW-Radio 5	radio	DVB-S	5/6	27.500					
DW-Radio 4	radio	DVB-S	5/6	27.500					
China Radio International	radio	DVB-S	5/6	27.500					
DW-Radio 2	radio	DVB-S	5/6	27.500	English				
DW-Radio 6	radio	DVB-S	5/6	27.500					
D 11.623	V	Europe	<u>GlobeCast</u>	package	DVB-S	3/4	27.500		
			Sexy Sat TV 2	TV	DVB-S	3/4	27.500		
			E*TV Satellite	TV	DVB-S	3/4	27.500	Italian	
			Pianeta TV	TV	DVB-S	3/4	27.500	Italian	

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.		
				Digital	FEC	MSy/s					
D 11.642	H	Europe	Telesud	TV	DVB-S	3/4	27.500			French	
			Win Cash	TV	DVB-S	3/4	27.500				
			ARTE Français	TV	DVB-S	3/4	Y 27.500				French,German
			RTL 102.5 RadioVisione	TV	DVB-S	3/4	27.500				Italian
			Italia Channel	TV	DVB-S	3/4	27.500				Arabic
			Abu Dhabi Sports 1	TV	DVB-S	3/4	27.500				French
			Beur TV	TV	DVB-S	3/4	27.500				Romanian
			TVR International	TV	DVB-S	3/4	Y 27.500				Italian
			Carisma TV	TV	DVB-S	3/4	27.500				Korean
			KBS World	TV	DVB-S	3/4	27.500			Mediaguard 2/Viaccess 2.5	Russian
			K+	TV	DVB-S	3/4	27.500				
			4U India	TV	DVB-S	3/4	27.500				
			Arirang World	TV	DVB-S	3/4	27.500				
			RTL 102.5 FM	radio	DVB-S	3/4	27.500				
			ARTE Radio	radio	DVB-S	3/4	27.500				
			RTL 102.5 Groove	radio	DVB-S	3/4	27.500				
			RTL 102.5 Italian Style	radio	DVB-S	3/4	27.500				
			RTL 102.5 Radio Guardia Costiera	radio	DVB-S	3/4	27.500				
			RTL 102.5 Classic	radio	DVB-S	3/4	27.500				
			România în direct	radio	DVB-S	3/4	27.500				
			Radio România International	radio	DVB-S	3/4	27.500				
			RadioClassica	radio	DVB-S	3/4	27.500				
			<u>Belgium Satellite Services</u>	package	DVB-S	3/4	27.500				
			Music Box Ru	TV	DVB-S	3/4	27.500				
			Live Channel	TV	DVB-S	3/4	27.500				
			God TV Europe	TV	DVB-S	3/4	27.500				
			The Word Network	TV	DVB-S	3/4	27.500				
			PEN	TV	DVB-S	3/4	27.500				
			Finest TV	TV	DVB-S	3/4	27.500				
			Iran TV Network	TV	DVB-S	3/4	27.500				
			DMTV	TV	DVB-S	3/4	27.500				
			Passione Pesca	TV	DVB-S	3/4	27.500				
			Bloomberg TV Europe	TV	DVB-S	3/4	27.500				
			Sri TV	TV	DVB-S	3/4	27.500				
			Radio Mir Medjugorje	radio	DVB-S	3/4	27.500				
			Radio Nawa Kurdish	radio	DVB-S	3/4	27.500				
			Radio Eviva	radio	DVB-S	3/4	27.500				
			Radio Koprivnica	radio	DVB-S	3/4	27.500				
			Radio Zamaneh	radio	DVB-S	3/4	27.500				
			Radio Marija Hrvatska	radio	DVB-S	3/4	27.500				
			Radio Nawa Arabic	radio	DVB-S	3/4	27.500				
			D 11.662	V	Europe	<u>Telespazio</u>	package	DVB-S	3/4	27.500	
Conto TV 2	TV	DVB-S				3/4	27.500	Conax/Videoguard		Italian	
Rolsat	TV	DVB-S				3/4	27.500			Italian	
Conto TV 1	TV	DVB-S				3/4	27.500	Conax/Videoguard		Italian	
Class Horse TV	TV	DVB-S				3/4	27.500			English	
Rete Calabria	TV	DVB-S				3/4	27.500			Italian	
Libera	TV	DVB-S				3/4	27.500			Italian	
Italy Italy	TV	DVB-S				3/4	27.500			Italian	
Teleitalia TV promo	TV	DVB-S				3/4	27.500			Italian	
Punto Sat 1	TV	DVB-S				3/4	27.500			Italian	
TG Norba 24	TV	DVB-S				3/4	27.500			Italian	
MLC	TV	DVB-S				3/4	27.500			Italian	
Italia 7	TV	DVB-S				3/4	27.500			Italian	
Conto TV promo	TV	DVB-S				3/4	27.500			Italian	
Italy Sat	TV	DVB-S				3/4	27.500			Italian	
Nostradamus	TV	DVB-S				3/4	27.500			Italian	
Primocanale	TV	DVB-S				3/4	27.500			Italian	
Canale Italia	TV	DVB-S				3/4	27.500			Italian	
AB Channel	TV	DVB-S				3/4	27.500			Italian	
Conto TV 4	TV	DVB-S				3/4	27.500	Conax/Videoguard		Italian	
Conto TV 3	TV	DVB-S				3/4	27.500	Conax/Videoguard		Italian	
Blu	TV	DVB-S				3/4	27.500			Italian	
Cassiopea	TV	DVB-S				3/4	27.500			Italian	
D 11.681	H	Europe				<u>Bis</u>	package	DVB-S	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0
			Escales	TV	DVB-S	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0		French,Turkish	
			LCP	TV	DVB-S	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0		French	

Freq (GHz)	Pol	Beam	Channel	Analogue		Text MSy/s	Access	Lang.
				Digital	Audio MHz FEC			
			AB Moteurs	TV	DVB-S	3/4	Y 27.500 Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French,Turkish
			Animaux	TV	DVB-S	3/4	27.500 Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French,Turkish
			Chasse & Pêche	TV	DVB-S	3/4	Y 27.500 Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			XXL	TV	DVB-S	3/4	Y 27.500 Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			TF 1	TV	DVB-S	3/4	27.500 Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			AB 1	TV	DVB-S	3/4	Y 27.500 Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			Toute l'Histoire	TV	DVB-S	3/4	Y 27.500 Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			NT1	TV	DVB-S	3/4	Y 27.500 Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			Action	TV	DVB-S	3/4	Y 27.500 Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			Mangas	TV	DVB-S	3/4	Y 27.500 Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			Encyclo	TV	DVB-S	3/4	Y 27.500 Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French,Turkish
			RTL 9	TV	DVB-S	3/4	Y 27.500 Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			France Ô	TV	DVB-S	3/4	27.500 Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			BFM TV	TV	DVB-S	3/4	27.500	French
			France 5	TV	DVB-S	3/4	27.500 Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
D 11.727	V	Europe	TSA	package	DVB-S	3/4	27.500 Irdeto 2/Viaccess 2.6/Videoguard	
			AVA Movie	TV	DVB-S	3/4	27.500	Farsi
			Marc Dorcel	TV	DVB-S	3/4	27.500 Irdeto 2/Viaccess 2.6	Italian
			Diablo X TV 2	TV	DVB-S	3/4	27.500 Irdeto 2/Viaccess 2.6/Videoguard	Italian
			Satisfaction Privé	TV	DVB-S	3/4	27.500 Irdeto 2/Viaccess 2.6/Videoguard	Italian
			BBC Arabic	TV	DVB-S	3/4	27.500	Arabic
			TVE Internacional Europe	TV	DVB-S	3/4	Y 27.500	Spanish
			SCT	TV	DVB-S	3/4	27.500 Irdeto 2/Viaccess 2.6/Videoguard	Italian
			Boy & Boy	TV	DVB-S	3/4	27.500 Irdeto 2/Viaccess 2.6/Videoguard	Italian
			Satisfaction Plus	TV	DVB-S	3/4	27.500 Irdeto 2/Viaccess 2.6/Videoguard	Italian
			Diablo X TV 1	TV	DVB-S	3/4	27.500 Irdeto 2/Viaccess 2.6/Videoguard	Italian
			Canal 24 Horas	TV	DVB-S	3/4	Y 27.500	Spanish
			Telesur	TV	DVB-S	3/4	27.500	Spanish
			Tak TV	TV	DVB-S	3/4	27.500	English
			Teleitalia TV promo	TV	DVB-S	3/4	27.500 Irdeto 2/Viaccess 2.6/Videoguard	Italian
			BBC World Service Balkan	radio	DVB-S	3/4	27.500	
			BBC World Service Turkish	radio	DVB-S	3/4	27.500	Turkish
			BBC World Service Romanian	radio	DVB-S	3/4	27.500	Romanian
			BBC World Service Russian	radio	DVB-S	3/4	27.500	Russian
			BBC World Service Persian	radio	DVB-S	3/4	27.500	Farsi
			BBC World Service Azeri	radio	DVB-S	3/4	27.500	Azerbaijan
			BBC World Service Albanian	radio	DVB-S	3/4	27.500	Albanian
			BBC World Service Arabic	radio	DVB-S	3/4	27.500	Arabic
			BBC World Service English News	radio	DVB-S	3/4	27.500	English
			BBC World Service Ukrainian	radio	DVB-S	3/4	27.500	Ukrainian
			RNE Radio Clásica	radio	DVB-S	3/4	27.500	Spanish
			BBC World Service English Middle East	radio	DVB-S	3/4	27.500	English
			BBC World Service English Europe	radio	DVB-S	3/4	27.500	English
			RNE Ràdio 4	radio	DVB-S	3/4	27.500	Catalan
			Radio Exterior de España	radio	DVB-S	3/4	27.500	
			RNE Radio Nacional	radio	DVB-S	3/4	27.500	Spanish
			RNE Radio 3	radio	DVB-S	3/4	27.500	Spanish
			RNE Radio 5	radio	DVB-S	3/4	27.500	Spanish
D 11.747	H	Europe	Du	package	DVB-S	3/4	27.500	
			EZ Shop	TV	DVB-S	3/4	27.500	Arabic
			Dubai TV Europe	TV	DVB-S	3/4	27.500	Arabic
			MeChef	TV	DVB-S	3/4	27.500	Farsi
			Dubai Sports 3	TV	DVB-S	3/4	27.500	English,Arabic
			MBC Maghreb Al-Arabia	TV	DVB-S	3/4	27.500	Arabic
			Al Arabiya	TV	DVB-S	3/4	27.500	Arabic
			Al Sharqiya TV	TV	DVB-S	3/4	27.500	Arabic
			PMC	TV	DVB-S	3/4	27.500	Farsi
			Inter TV Shop	TV	DVB-S	3/4	27.500	

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 11.766	V	Europe	ME Shop	TV	DVB-S	3/4	27.500		Arabic			
			Sama Dubai	TV	DVB-S	3/4	27.500		Arabic			
			MBC FM	radio	DVB-S	3/4	27.500		Arabic			
			<u>RAI</u>	package	DVB-S	2/3	27.500					
			Rai Scuola	TV	DVB-S	2/3	27.500		Italian			
			Rai Med	TV	DVB-S	2/3	27.500		Italian			
			Rai 1	TV	DVB-S	2/3	Y 27.500		Italian			
			Rai 2	TV	DVB-S	2/3	Y 27.500		Italian			
			Rai Extra	TV	DVB-S	2/3	27.500	Nagravision 3	Italian			
			Rai Yoyo	TV	DVB-S	2/3	27.500	Nagravision 3	Italian			
			Senato TV	TV	DVB-S	2/3	27.500		Italian			
			Rai 3	TV	DVB-S	2/3	Y 27.500		Italian			
			Rai Notturmo Italiano	radio	DVB-S	2/3	27.500		Italian			
			Filodiffusione 4	radio	DVB-S	2/3	27.500		Italian			
			Filodiffusione 4	radio	DVB-S	2/3	27.500		Italian			
			A 11.785	H	Europe	<u>Sky Italia</u>	package	DVB-S2	2/3	27.500	Videoguard	
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 Calcio 1	TV	DVB-S2				2/3	27.500	Videoguard	Italian,English			
Sky Calcio 2	TV	DVB-S2				2/3	27.500	Videoguard	Italian,English			
D 11.804	V	Europe	Sky Primafila 13	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
			<u>RAI</u>	package	DVB-S	2/3	27.500					
			Rai Nettuno Sat Uno	TV	DVB-S	2/3	27.500		Italian			
			TV 2000	TV	DVB-S	2/3	Y 27.500		Italian			
			Camera dei Deputati	TV	DVB-S	2/3	27.500		Italian			
			Rai Sport 2	TV	DVB-S	2/3	27.500		Italian			
			Rai Storia	TV	DVB-S	2/3	27.500		Italian			
			Rai Sport 1	TV	DVB-S	2/3	27.500		Italian			
			Rai Gulp	TV	DVB-S	2/3	27.500		Italian			
			Rai Premium	TV	DVB-S	2/3	27.500	Nagravision 3	Italian			
			Rai Radio 2	radio	DVB-S	2/3	27.500		Italian			
			Rai Radio 3	radio	DVB-S	2/3	27.500		Italian			
			Vatican Radio 105 FM	radio	DVB-S	2/3	27.500					
			Isoradio	radio	DVB-S	2/3	27.500		Italian			
			GR Parlamento	radio	DVB-S	2/3	27.500		Italian			
			Filodiffusione 5	radio	DVB-S	2/3	27.500		Italian			
Rai Radio 1	radio	DVB-S	2/3	27.500		Italian						
Radio InBlu	radio	DVB-S	2/3	27.500		Italian						
D 11.823	H	Europe	<u>Nova</u>	package	DVB-S	3/4	27.500	Irdeto 2				
			Disney XD Hellas	TV	DVB-S	3/4	27.500	Irdeto 2	Greek,English			
			Novasports 1	TV	DVB-S	3/4	27.500	Irdeto 2	Greek,English			
			Mega TV	TV	DVB-S	3/4	Y 27.500	Irdeto 2	Greek			
			ANT 1	TV	DVB-S	3/4	Y 27.500	Irdeto 2	Greek			
			Alpha TV	TV	DVB-S	3/4	Y 27.500	Irdeto 2	Greek			
			Star Channel	TV	DVB-S	3/4	Y 27.500	Irdeto 2	Greek			
			Alter Channel	TV	DVB-S	3/4	Y 27.500	Irdeto 2	Greek			
			Novacinema 1	TV	DVB-S	3/4	27.500	Irdeto 2	Greek			
			Love Radio 97.5	radio	DVB-S	3/4	27.500	Irdeto 2	Greek			
			Melodia FM 99.2	radio	DVB-S	3/4	27.500	Irdeto 2	Greek			
			Ecclesia Radio	radio	DVB-S	3/4	27.500		Greek			
			SKAĪ 100.3 FM	radio	DVB-S	3/4	27.500	Irdeto 2	Greek			
			A 11.843	V	Europe	<u>Sky Italia</u>	package	DVB-S2	2/3	27.500	Videoguard	
						Sky Primafila 5	TV	DVB-S2	2/3	27.500	Videoguard	Italian
						Sky Calcio 3	TV	DVB-S2	2/3	27.500	Videoguard	Italian,English
Sky Calcio 9	TV	DVB-S2				2/3	27.500	Videoguard	Italian,English			
Sky Calcio 6	TV	DVB-S2				2/3	27.500	Videoguard	Italian,English			
Sky Calcio 5	TV	DVB-S2				2/3	27.500	Videoguard	Italian,English			
Sky Calcio 4	TV	DVB-S2				2/3	27.500	Videoguard	Italian,English			
Sky Primafila 11	TV	DVB-S2				2/3	27.500	Videoguard	Italian			
Sky Primafila 9	TV	DVB-S2				2/3	27.500	Videoguard	Italian			
Sky Primafila 7	TV	DVB-S2				2/3	27.500	Videoguard	Italian			
Sky Sport Extra	TV	DVB-S2	2/3	27.500	Videoguard	Italian,English						
D 11.862	H	Europe	<u>Sky Italia</u>	package	DVB-S	3/4	27.500	Videoguard				
			Current TV Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			SNAI Sat	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			FX Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Sky TG 24 active Speciale	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Sky TG 24	TV	DVB-S	3/4	27.500	Videoguard	Italian			
Sky TG 24 active Sport	TV	DVB-S	3/4	27.500	Videoguard	Italian						

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 11.881	V	Europe	Sky TG 24 active In primo piano	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Sky TG 24 active mosaic	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Sky Meteo 24	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Nat Geo Music	TV	DVB-S	3/4	27.500	Videoguard	Italian,English			
			Sky TG 24 active 5	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			<u>Sky Italia</u>	package	DVB-S	3/4	27.500	Videoguard				
			Leonardo	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			National Geographic Channel Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Fox Italia +1	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Nuvolari	TV	DVB-S	3/4	27.500		Italian			
			Alice	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Marco Polo	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			D 11.900	H	Europe	<u>Sky Italia</u>	package	DVB-S	3/4	27.500	Videoguard	
						Sky Calcio 10	TV	DVB-S	3/4	27.500	Videoguard	Italian,English
Sky Calcio 8	TV	DVB-S				3/4	27.500	Videoguard	Italian,English			
Sky Primafila 1	TV	DVB-S				3/4	27.500	Videoguard	Italian,Italian			
Sky Calcio 13	TV	DVB-S				3/4	27.500	Videoguard	Italian,English			
Sky Calcio 12	TV	DVB-S				3/4	27.500	Videoguard	Italian,English			
Sky Calcio 11	TV	DVB-S				3/4	27.500	Videoguard	Italian,English			
Sky Primafila 19	TV	DVB-S				3/4	27.500	Videoguard	Italian,Italian			
Sky Primafila 20	TV	DVB-S				3/4	27.500	Videoguard	Italian,Italian			
Sky Primafila 18	TV	DVB-S				3/4	27.500	Videoguard	Italian,Italian			
Sky Primafila 16	TV	DVB-S				3/4	27.500	Videoguard	Italian,Italian			
Sky Calcio 9	TV	DVB-S				3/4	27.500	Videoguard	Italian,English			
Sky Primafila 17	TV	DVB-S				3/4	27.500	Videoguard	Italian,Italian			
Sky Sport Extra	TV	DVB-S				3/4	27.500	Videoguard	Italian			
D 11.919	V	Europe				<u>Mediaset</u>	package	DVB-S	2/3	27.500		
						Canale 5	TV	DVB-S	2/3	Y 27.500	Mediaguard 2/Nagravision 3	Italian
						Rete 4	TV	DVB-S	2/3	Y 27.500		Italian
						Italia 1	TV	DVB-S	2/3	Y 27.500		Italian
			Iris	TV	DVB-S	2/3	27.500	Mediaguard 2/Nagravision 3	Italian			
			Canale 5	TV	DVB-S	2/3	Y 27.500		Italian			
			Boing Italia	TV	DVB-S	2/3	27.500	Mediaguard 2/Nagravision 3	Italian			
			Radio Mater	radio	DVB-S	2/3	27.500		Italian			
			D 11.938	H	Europe	<u>Nova</u>	package	DVB-S	3/4	27.500	Irdeto 2	
						Playboy TV	TV	DVB-S	3/4	27.500	Irdeto 2	English
Boomerang Central & Eastern Europe	TV	DVB-S				3/4	27.500	Irdeto 2	Greek,English			
EI EMEA	TV	DVB-S				3/4	27.500	Irdeto 2	English			
Novasports 6	TV	DVB-S				3/4	27.500	Irdeto 2	Greek,English			
Novasports Highlights	TV	DVB-S				3/4	27.500	Irdeto 2	Greek			
Novacinema 3	TV	DVB-S				3/4	27.500	Irdeto 2	Greek			
Private Spice	TV	DVB-S				3/4	27.500	Irdeto 2	English			
The History Channel South Africa	TV	DVB-S				3/4	27.500	Irdeto 2	English			
Novasports 4	TV	DVB-S				3/4	27.500	Irdeto 2	Greek,English			
Mad Radio 106.2	radio	DVB-S				3/4	27.500	Irdeto 2	Greek			
Nova games	interacti	DVB-S				3/4	27.500	Irdeto 2				
D 11.958	V	Europe				<u>Sky Italia</u>	package	DVB-S	3/4	27.500	Videoguard	
						Sky SuperCalcio	TV	DVB-S	3/4	27.500	Videoguard	Italian,English
			Discovery Channel Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Sky Sport 24	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Sky Sport Active 3	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Toon Disney Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Sky Sport Active 1	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Sky Sport 2	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Sky Sport 1	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Sky Sport Active 2	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			D 11.977	H	Europe	<u>Sky Italia</u>	package	DVB-S	3/4	27.500	Videoguard	
Gambero Rosso Channel	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Fox Crime Italia	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Caccia e Pesca	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Nat Geo Wild Italia	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Cult	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Fox Crime Italia +1	TV	DVB-S				3/4	27.500	Videoguard	Italian			
The History Channel Italia	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Fox Retro Italia	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Nat Geo Adventure	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Fox Italia	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Fox Life Italia	TV	DVB-S				3/4	27.500	Videoguard	Italian			
A 11.996	V	Europe				<u>Sky Italia</u>	package	DVB-S2	2/3	27.500	Videoguard	

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 12.015	H	Europe	Sky Sport 1	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
			Sky Calcio 7	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
			Sky Primafila 3	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
			Sky SuperCalcio	TV	DVB-S2	2/3	27.500	Videoguard	Italian,English			
			Sky Sport 2	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
			Sky Sport 3	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
			<u>Arabesque</u>	package	DVB-S	3/4	27.500					
			ART Hekayat Kaman	TV	DVB-S	3/4	27.500	Viaccess 2.5	Arabic			
			Syria Drama	TV	DVB-S	3/4	27.500		Arabic			
			Syria Satellite Channel	TV	DVB-S	3/4	27.500		Arabic			
			Ictimai TV	TV	DVB-S	3/4	27.500		Azerbaijan			
			Yemen TV	TV	DVB-S	3/4	27.500		Arabic			
			ART Movie 1	TV	DVB-S	3/4	27.500	Viaccess 2.5	Arabic			
			Al Jazeera Sport Channel Global	TV	DVB-S	3/4	27.500		Arabic			
			ART Hekayat	TV	DVB-S	3/4	27.500	Viaccess 2.5	Arabic			
			Iqraa	TV	DVB-S	3/4	27.500		Arabic			
			Aden Radio	radio	DVB-S	3/4	27.500		Arabic			
			Radio Sout Al-Sha'ab	radio	DVB-S	3/4	27.500		Arabic			
			Radio Sout Al-Shbab	radio	DVB-S	3/4	27.500		Arabic			
			Sana'a Radio	radio	DVB-S	3/4	27.500		Arabic			
El-Bernameg Al-Aam	radio	DVB-S	3/4	27.500		Arabic						
D 12.034	V	Europe	<u>Sky Italia</u>	package	DVB-S	3/4	27.500	Videoguard				
			Sky Cinema 1	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Cielo	TV	DVB-S	3/4	27.500		Italian			
			Disney Channel Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Sky Uno +1	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Sky Cinema +24	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Sky Cinema Max	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Sky Cinema Classics	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Playhouse Disney Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Sky Cinema Mania	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Sky Cinema Family	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			D 12.054	H	Europe	<u>Sky Italia</u>	package	DVB-S	3/4	27.500	Videoguard	
Sky Cinema +1	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Sky Cinema Hits	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Sky Cinema Italia	TV	DVB-S				3/4	27.500	Videoguard	Italian,Italian			
Sky Calcio 14	TV	DVB-S				3/4	27.500	Videoguard	Italian,English			
Sky Calcio 1	TV	DVB-S				3/4	27.500	Videoguard	Italian,English,Arabic			
Sky Cinema Max +1	TV	DVB-S				3/4	27.500	Videoguard	Italian,Italian			
Sky Calcio 15	TV	DVB-S				3/4	27.500	Videoguard	Italian,English			
Sky Uno	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Sky Sport 3	TV	DVB-S				3/4	27.500	Videoguard	Italian			
D 12.073	V	Europe				<u>Sky Italia</u>	package	DVB-S	3/4	27.500	Videoguard	
			Sky Calcio 5	TV	DVB-S	3/4	27.500	Videoguard	Italian,English,Arabic			
			Sky Calcio 6	TV	DVB-S	3/4	27.500	Videoguard	Italian,English			
			Sky Calcio 4	TV	DVB-S	3/4	27.500	Videoguard	Italian,English,Arabic			
			Sky Calcio 3	TV	DVB-S	3/4	27.500	Videoguard	Italian,English,Arabic			
			Sky Calcio 2	TV	DVB-S	3/4	27.500	Videoguard	Italian,English,Arabic			
			Sky Primafila 3	TV	DVB-S	3/4	27.500	Videoguard	Italian,Italian			
			Sky Primafila 7	TV	DVB-S	3/4	27.500	Videoguard	Italian,Italian			
			Sky Primafila 9	TV	DVB-S	3/4	27.500	Videoguard	Italian,Italian			
			Sky Primafila 11	TV	DVB-S	3/4	27.500	Videoguard	Italian,Italian			
			Sky Primafila 13	TV	DVB-S	3/4	27.500	Videoguard	Italian,Italian			
			Sky Primafila 5	TV	DVB-S	3/4	27.500	Videoguard	Italian,Italian			
			Sky Calcio 7	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			D 12.092	H	Europe	<u>Sky Italia</u>	package	DVB-S	3/4	27.500	Videoguard	
						Nick Jr Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian
Sky HD promo	TV	DVB-S				3/4	27.500	Videoguard	Italian			
AXN Italia +1	TV	DVB-S				3/4	27.500	Videoguard	Italian			
AXN Italia	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Discovery Travel & Living Europe	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Discovery Science Channel	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Class CNBC	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Comedy Central Italia +1	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Lady Channel	TV	DVB-S				3/4	27.500	Videoguard	Italian			
Onda Latina	TV	DVB-S				3/4	27.500	Videoguard	Italian			
CNN International Europe	TV	DVB-S				3/4	27.500	Videoguard	English			
D 12.111	V	Europe	<u>Telespazio</u>	package	DVB-S	3/4	27.500					
			RIK Sat	TV	DVB-S	3/4	27.500		Greek			
			Al Jazeera Documentary	TV	DVB-S	3/4	27.500		Arabic			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			Al Jazeera Mobasher	TV	DVB-S	3/4	27.500		Arabic
			Architecture Construction Materials Channel	TV	DVB-S	3/4	27.500		Italian
			Al Jazeera Channel	TV	DVB-S	3/4	27.500		Arabic
			Radio Radio TV	TV	DVB-S	3/4	27.500		Italian
			Telemarket 2	TV	DVB-S	3/4	27.500		Italian
			Sender Neu Jerusalem	TV	DVB-S	3/4	27.500		German
			Challenger TV	TV	DVB-S	3/4	27.500		Italian
			Bethel TV	TV	DVB-S	3/4	27.500		Spanish
			20 TV	TV	DVB-S	3/4	27.500		
			Puglia Channel	TV	DVB-S	3/4	27.500		Italian
			High Life TV	TV	DVB-S	3/4	27.500		Italian
			TeleFoggia	TV	DVB-S	3/4	27.500		Italian
			Radio Padre Pio	radio	DVB-S	3/4	27.500		Italian
			Radio EuroSpin	radio	DVB-S	3/4	27.500		Italian
			Radio Radio	radio	DVB-S	3/4	27.500		Italian
			Radio Popolare	radio	DVB-S	3/4	27.500		Italian
			Radio Vacri	radio	DVB-S	3/4	27.500		
			Radio Padania Libera	radio	DVB-S	3/4	27.500		Italian
			Radio Radicale	radio	DVB-S	3/4	27.500		Italian
			Radio Maria Italia	radio	DVB-S	3/4	27.500		Italian
			Trito Programma	radio	DVB-S	3/4	27.500		Greek
			Radio Dimensione Suono	radio	DVB-S	3/4	27.500		Italian
			Dimensione Suono Roma	radio	DVB-S	3/4	27.500		Italian
			Radio Italia Anni 60	radio	DVB-S	3/4	27.500		Italian
			Radio Italia	radio	DVB-S	3/4	27.500		Italian
			Radio Zeta	radio	DVB-S	3/4	27.500		Italian
			CRC FM	radio	DVB-S	3/4	27.500		Italian
D 12.130	H	Europe	<u>Nova</u>	package	DVB-S	3/4	27.500	Irdeto 2	
			FX Greece	TV	DVB-S	3/4	27.500	Irdeto 2	Greek
			Novasports HD	TV	DVB-S	3/4	27.500	Irdeto 2	Greek,English
			Novacinema HD	TV	DVB-S	3/4	27.500	Irdeto 2	Greek
			Disney Channel Middle East	TV	DVB-S	3/4	27.500	Irdeto 2	English,Greek
			Fox Life Greece	TV	DVB-S	3/4	27.500	Irdeto 2	
D 12.149	V	Europe	<u>Antenna Hungaria</u>	package	DVB-S	3/4	27.500		
			Tunisie 7	TV	DVB-S	3/4	Y 27.500		Arabic
			CaspioNet	TV	DVB-S	3/4	27.500		
			Al Shababiyah	TV	DVB-S	3/4	27.500		Arabic
			Lider TV	TV	DVB-S	3/4	27.500		Azerbaijan
			CCTV 4 Europe	TV	DVB-S	3/4	27.500		Chinese
			BergamoSat	TV	DVB-S	3/4	27.500		Italian
			La 5	TV	DVB-S	3/4	27.500	Nagravision 3	Italian
			Equidia	TV	DVB-S	3/4	27.500	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			Radiosei	radio	DVB-S	3/4	27.500		Italian
			Ecoradio	radio	DVB-S	3/4	27.500		Italian
			Rete Sport	radio	DVB-S	3/4	27.500		Italian
			Radio Città Futura	radio	DVB-S	3/4	27.500		Italian
			Radio Tunis Chaîne Internationale	radio	DVB-S	3/4	27.500		
			Radio Nationale	radio	DVB-S	3/4	27.500		Arabic
			Tunisie Culture	radio	DVB-S	3/4	27.500		Arabic
			Lider Jazz Radio	radio	DVB-S	3/4	27.500		Azerbaijan
D 12.169	H	Europe	<u>Nova</u>	package	DVB-S	3/4	27.500	Irdeto 2	
			TCM Middle East & Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
			Novasports 7	TV	DVB-S	3/4	27.500	Irdeto 2	Greek,English
			ET 3	TV	DVB-S	3/4	Y 27.500	Irdeto 2	Greek
			Makedonia TV	TV	DVB-S	3/4	Y 27.500	Irdeto 2	Greek
			NET	TV	DVB-S	3/4	Y 27.500	Irdeto 2	Greek
			ET 1	TV	DVB-S	3/4	Y 27.500	Irdeto 2	Greek
			Mad TV	TV	DVB-S	3/4	Y 27.500	Irdeto 2	Greek
			Big Brother Greece	TV	DVB-S	3/4	27.500	Irdeto 2	Greek
			Cartoon Network Middle East & Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
			Novasports 2	TV	DVB-S	3/4	27.500	Irdeto 2	Greek,English
			SKAĪ Tileorasi	TV	DVB-S	3/4	27.500	Irdeto 2	Greek
			Discovery Channel Europe	TV	DVB-S	3/4	27.500	Irdeto 2	English
			Kanali Voulis	TV	DVB-S	3/4	27.500		Greek
			Trito Programma	radio	DVB-S	3/4	27.500	Irdeto 2	Greek
			Lounge TV	radio	DVB-S	3/4	27.500	Irdeto 2	Greek
			ERA Spor 101.8	radio	DVB-S	3/4	27.500	Irdeto 2	Greek
			Ellinika Agapmena	radio	DVB-S	3/4	27.500	Irdeto 2	Greek

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 12.188	V	Europe	Deytero 103.7	radio	DVB-S	3/4	27.500	Irdeto 2	Greek			
			Rebetiko	radio	DVB-S	3/4	27.500	Irdeto 2	Greek			
			Elliniko Rok	radio	DVB-S	3/4	27.500	Irdeto 2	Greek			
			Hits GR	radio	DVB-S	3/4	27.500	Irdeto 2	Greek			
			NET 105.8	radio	DVB-S	3/4	27.500	Irdeto 2	Greek			
			<u>Cyfrowy Polsat</u>	package	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 2/Nagravision 3				
			Nat Geo Wild Europe	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3				
			ESPN Classic Europe	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish,English			
			Discovery Channel Polska	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish			
			Disney XD Polska	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish			
			Extreme Sports Channel	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish			
			Polsat Futbol	TV	DVB-S	5/6	27.500	Nagravision 3	Polish			
			Fox Life Polska	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish,English			
			AXN Polska	TV	DVB-S	5/6	Y 27.500	Mediaguard 2/Nagravision 3	Polish			
			Zone Romantica Polska & Magyar	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish			
			Cinemax 2 Central Europe	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish			
			TVP 2	TV	DVB-S	5/6	Y 27.500	Nagravision 3	Polish			
AXN Sci-Fi	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish						
AXN Crime	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish						
A 12.207	H	Europe	<u>Sky Italia</u>	package	DVB-S	3/4	27.500	Videoguard				
			Sky Sport 3D	TV	DVB-S	3/4	27.500	Videoguard	Italian			
D 12.245	H	Europe	<u>GlobeCast</u>	package	DVB-S	3/4	27.500					
			Super Tennis	TV	DVB-S	3/4	27.500		Italian			
			Al Rasheed TV	TV	DVB-S	3/4	27.500		Arabic			
			Alsumaria	TV	DVB-S	3/4	27.500		Arabic			
			Mezzo	TV	DVB-S	3/4	27.500	Irdeto 2/Mediaguard 2/Viaccess 2.5	French			
			Kurd 1	TV	DVB-S	3/4	27.500		Kurdish			
			BBC Persian	TV	DVB-S	3/4	27.500		Farsi			
			Al Baghdadia	TV	DVB-S	3/4	27.500		Arabic			
			France Maghreb	radio	DVB-S	3/4	27.500		French			
			Al Rasheed FM	radio	DVB-S	3/4	27.500		Arabic			
			Radio 2000	radio	DVB-S	3/4	27.500		Hebrew			
			Radio Orient	radio	DVB-S	3/4	27.500		Arabic			
			TRT Tamil Oli	radio	DVB-S	3/4	27.500		Tamil			
			A 12.265	V	Europe	<u>Cyfrowy Polsat</u>	package	DVB-S2	2/3	27.500	Conax/Mediaguard 2/Nagravision 3	
						Polsat Sport HD	TV	DVB-S2	2/3	27.500	Nagravision 3	Polish
HBO Polska	TV	DVB-S2				2/3	Y 27.500	Conax/Mediaguard 2/Nagravision 3	Polish			
Fox Life Polska	TV	DVB-S2				2/3	27.500	Conax/Mediaguard 2/Nagravision 3	Polish			
Polsat	TV	DVB-S2				2/3	27.500	Nagravision 3	Polish			
AXN Polska	TV	DVB-S2				2/3	27.500	Conax/Nagravision 3	Polish			
Cinemax Central Europe	TV	DVB-S2				2/3	27.500	Nagravision 3	Polish			
D 12.284	H	Europe	<u>Cyfrowy Polsat</u>	package	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3				
			Cyfrowy Polsat promo	TV	DVB-S	5/6	27.500	Nagravision 3	Polish			
			Zone Europa	TV	DVB-S	5/6	27.500	Nagravision 3	Polish			
			JimJam Polska	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish,English			
			Boomerang Central & Eastern Europe	TV	DVB-S	5/6	27.500	Conax/Nagravision 3	Polish,English			
			Polsat Sport News promo	TV	DVB-S	5/6	27.500	Nagravision 3	Polish			
			Polsat Film	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish			
			Superstacja	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish			
			TVP Info	TV	DVB-S	5/6	27.500	Nagravision 3	Polish			
			TVP Sport	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish			
			Blue Hustler Europe	TV	DVB-S	5/6	27.500	Nagravision 3	English			
			Travel Channel Europe	TV	DVB-S	5/6	27.500	Mediaguard 2/Nagravision 3	Polish,English,Russian			
			Radio Zet	radio	DVB-S	5/6	27.500		Polish			
			RMF FM	radio	DVB-S	5/6	27.500	Nagravision 3	Polish			
			RMF Classic	radio	DVB-S	5/6	27.500		Polish			
			Polskie Radio Jedylna	radio	DVB-S	5/6	27.500	Nagravision 3	Polish			
			Polskie Radio Trójka	radio	DVB-S	5/6	27.500	Nagravision 3	Polish			
			Radio PIN	radio	DVB-S	5/6	27.500		Polish			
			Planeta FM	radio	DVB-S	5/6	27.500		Polish			
			Radio Złote Przeboje	radio	DVB-S	5/6	27.500		Polish			
			RMF Maxxx	radio	DVB-S	5/6	27.500		Polish			
			Pogoda	interacti	DVB-S	5/6	27.500					
			Portal ITV	interacti	DVB-S	5/6	27.500					
			TV Banking	interacti	DVB-S	5/6	27.500					
			D 12.303	V	Europe	<u>Orange</u>	package	DVB-S2	2/3	27.500	Viaccess 3.0/Viaccess 4.0	
						EI EMEA	TV	DVB-S2	2/3	27.500	Viaccess 3.0	English
						W9	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
M6	TV	DVB-S2				2/3	27.500	Viaccess 3.0	French			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 12.322	H	Europe	I>Télé	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			Canal + France	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			OMTV	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			Ma Chaîne Sport	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			Sport +	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			Stylia	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			Golf Channel France	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			Jimmy France	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			ESPN Classic Europe	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French			
			<u>Eutelsat</u>	package	DVB-S	3/4	27.500	Conax/Mediaguard 2/Viaccess 2.5/Viaccess 2.6/Videoguard				
			Universal Channel Polska	TV	DVB-S	3/4	27.500	Conax/Mediaguard 2/Viaccess	Polish,Romanian			
			K2	TV	DVB-S	3/4	27.500		Italian			
			Teletirreno	TV	DVB-S	3/4	27.500		Italian			
			Toscana Channel Sat	TV	DVB-S	3/4	27.500		Italian			
			Sardegna Channel Sat	TV	DVB-S	3/4	27.500		Italian			
			Sci Fi Polska	TV	DVB-S	3/4	27.500	Conax/Mediaguard 2/Viaccess	Polish,Romanian			
			TV Arm Ru	TV	DVB-S	3/4	27.500		Russian			
			Lubimoe Kino	TV	DVB-S	3/4	27.500	Conax/Viaccess 2.5/Viaccess 2.6/Videoguard	Russian			
			TeleKlub	TV	DVB-S	3/4	27.500	Conax/Viaccess 2.5/Viaccess 2.6/Videoguard	Russian			
			Detski Mir	TV	DVB-S	3/4	27.500	Conax/Viaccess 2.5/Viaccess 2.6/Videoguard	Russian			
			RTV International Europe	TV	DVB-S	3/4	27.500	Conax/Viaccess 2.5/Viaccess 2.6/Videoguard	Russian			
			Rede Internacional de TV	TV	DVB-S	3/4	27.500		Portuguese			
			World Fashion Channel International	TV	DVB-S	3/4	27.500		English			
			France 24 Arabic	TV	DVB-S	3/4	27.500		Arabic			
			Megaradio	radio	DVB-S	3/4	27.500		Serbian			
			Radio Dijla	radio	DVB-S	3/4	27.500		Arabic			
			Peiraiki Ekklesia 91.2 FM	radio	DVB-S	3/4	27.500		Greek			
			Bobar Radio	radio	DVB-S	3/4	27.500		Serbian			
			Radio Srna Bosanka	radio	DVB-S	3/4	27.500		Bosnian			
			Radio Lijepa Nasa	radio	DVB-S	3/4	27.500		Croatian			
			Radio Azadegan	radio	DVB-S	3/4	27.500					
			Radio Svet Plus	radio	DVB-S	3/4	27.500		Serbian			
			A 12.341	V	Europe	<u>Sky Italia</u>	package	DVB-S2	2/3	27.500	Videoguard	
Sky Primafila 1	TV	DVB-S2				2/3	27.500	Videoguard	Italian			
Sky Calcio 8	TV	DVB-S2				2/3	27.500	Videoguard	Italian,English			
Sky Cinema Max	TV	DVB-S2				2/3	27.500	Videoguard	Italian			
Sky Cinema Hits	TV	DVB-S2				2/3	27.500	Videoguard	Italian			
Sky Cinema 1	TV	DVB-S2				2/3	27.500	Videoguard	Italian			
Discovery Channel Italia	TV	DVB-S2				2/3	27.500	Videoguard	Italian			
<u>Sky Italia</u>	package	DVB-S2				2/3	27.500	Videoguard				
A 12.360	H	Europe	AXN Italia	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
			Sky Cinema +1	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
			Sky Cinema Classics	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
			Sky Cinema Family	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
			Sky Focus	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
			Sky Cinema +24	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
			D 12.380	V	Europe	<u>GlobeCast</u>	package	DVB-S	3/4	27.500		
						KSA 2	TV	DVB-S	3/4	27.500		English
Speda Channel	TV	DVB-S				3/4	27.500					
Al Sunnah Al Nabawiyah TV	TV	DVB-S				3/4	27.500		Arabic			
Al-Zahra TV	TV	DVB-S				3/4	27.500		Arabic			
Telepace	TV	DVB-S				3/4	27.500		Italian			
Imara	TV	DVB-S				3/4	27.500		Arabic			
Abu Dhabi Al Oula Europe	TV	DVB-S				3/4	27.500		Arabic			
Sat 7 Arabic	TV	DVB-S				3/4	27.500		Arabic			
Imed TV	TV	DVB-S				3/4	27.500		French			
Holy God	TV	DVB-S				3/4	27.500		Tamil			
Equidia Pro 1	TV	DVB-S				3/4	27.500	Mediaguard 2	French			
Equidia Pro 3	TV	DVB-S				3/4	27.500	Mediaguard 2	French			
Radio Vaticana Telepace	radio	DVB-S				3/4	27.500					
Program Two	radio	DVB-S				3/4	27.500		Arabic			
European Broadcast	radio	DVB-S				3/4	27.500					
Emarat FM	radio	DVB-S				3/4	27.500		Arabic			
Radio Maria France	radio	DVB-S	3/4	27.500		French						
RFI Français	radio	DVB-S	3/4	27.500		French						
D 12.399	H	Europe	<u>SRG SSR</u>	package	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 4.0				

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	MHz	Text	Access	Lang.			
				Digital	FEC		MSy/s						
D 12.418	V	Europe	SF Info	TV	DVB-S	3/4	Y 27.500			German			
			SF 1	TV	DVB-S	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0		German			
			HD Suisse	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 4.0		German,French,Italian,English			
			SF Zwei	TV	DVB-S	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0		German			
			Radio Swiss Jazz	radio	DVB-S	3/4	27.500			German			
			DRS 1	radio	DVB-S	3/4	27.500			German			
			DRS 2	radio	DVB-S	3/4	27.500			German			
			DRS 3	radio	DVB-S	3/4	27.500			German			
			DRS Virus	radio	DVB-S	3/4	27.500			German			
			DRS Musikwelle	radio	DVB-S	3/4	27.500			German			
			Radio Rumantsch	radio	DVB-S	3/4	27.500			Romany			
			Radio Swiss Pop	radio	DVB-S	3/4	27.500			German			
			DRS 4 News	radio	DVB-S	3/4	27.500			German			
			Radio Swiss Classic	radio	DVB-S	3/4	27.500			German			
			<u>Sky Italia</u>	package	DVB-S	3/4	27.500	Videoguard					
			Sky Cinema Max +1	TV	DVB-S	3/4	27.500	Videoguard		Italian			
			Sky Cinema Mania	TV	DVB-S	3/4	27.500	Videoguard		Italian			
			Sky Cinema Italia	TV	DVB-S	3/4	27.500	Videoguard		Italian			
			Cinema ITV	interacti	DVB-S	3/4	27.500	Videoguard		Italian			
D 12.437	H	Europe	<u>IRIB</u>	package	DVB-S	3/4	27.500						
			Jame-Jam TV Network 1	TV	DVB-S	3/4	27.500			Farsi,English			
			IRINN	TV	DVB-S	3/4	27.500			Farsi			
			Alalam News Channel	TV	DVB-S	3/4	27.500			Arabic			
			Sahar 2	TV	DVB-S	3/4	27.500						
			Quran TV	TV	DVB-S	3/4	27.500			Farsi			
			Alkawthar TV	TV	DVB-S	3/4	27.500			Arabic			
			Press TV	TV	DVB-S	3/4	27.500			English			
			Jame-Jam TV Network 2	TV	DVB-S	3/4	27.500			Farsi,English			
			IRIB World Service Radio 2	radio	DVB-S	3/4	27.500						
			Radio Iran	radio	DVB-S	3/4	27.500			Farsi			
			IRIB World Service Radio 1	radio	DVB-S	3/4	27.500						
			IRIB World Service Radio 3	radio	DVB-S	3/4	27.500						
			IRIB World Service Radio 6	radio	DVB-S	3/4	27.500						
			Sedaye Ashena 1	radio	DVB-S	3/4	27.500			Farsi			
			IRIB World Service Radio 1	radio	DVB-S	3/4	27.500						
			IRIB World Service Radio 2	radio	DVB-S	3/4	27.500						
			Radio Quran	radio	DVB-S	3/4	27.500			Farsi			
			COI Radio	radio	DVB-S	3/4	27.500			English			
IRIB World Service Radio 4	radio	DVB-S	3/4	27.500									
IRIB World Service Radio 5	radio	DVB-S	3/4	27.500									
D 12.466	V	Europe	<u>Sky Italia</u>	package	DVB-S	3/4	29.900	Videoguard					
			Sky News International	TV	DVB-S	3/4	29.900	Videoguard		English			
			Pesca e Caccia +6	TV	DVB-S	3/4	29.900	Videoguard		Italian			
			Lei TV	TV	DVB-S	3/4	29.900	Videoguard		Italian			
			Boomerang Italia +1	TV	DVB-S	3/4	29.900	Videoguard		Italian			
			Moto TV	TV	DVB-S	3/4	29.900	Videoguard		Italian			
			Fox News Channel	TV	DVB-S	3/4	29.900	Videoguard		English			
			Sky HD promo	TV	DVB-S	3/4	29.900	Videoguard		Italian			
			Cartoon Network Italia +1	TV	DVB-S	3/4	29.900	Videoguard		Italian			
			The MGM Channel Italia	TV	DVB-S	3/4	29.900	Videoguard		Italian			
			Roma Channel	TV	DVB-S	3/4	29.900	Videoguard		Italian			
			GXT +1	TV	DVB-S	3/4	29.900	Videoguard		Italian			
			Disney Channel Italia +1	TV	DVB-S	3/4	29.900	Videoguard		Italian			
			Cooltoon	TV	DVB-S	3/4	29.900	Videoguard		Italian			
			D 12.476	H	Europe	<u>Orange Polska</u>	package	DVB-S2	3/4	27.500	Conax/Viaccess 3.0		
						Discovery World Polska	TV	DVB-S2	3/4	27.500	Conax/Viaccess 3.0		Polish
						AXN Polska	TV	DVB-S2	3/4	27.500	Conax/Viaccess 3.0		Polish
						AXN Crime Polska	TV	DVB-S2	3/4	27.500	Conax/Viaccess 3.0		Polish
						AXN Sci-Fi Polska	TV	DVB-S2	3/4	27.500	Conax/Viaccess 3.0		Polish
Boomerang Central & Eastern Europe	TV	DVB-S2				3/4	27.500	Conax/Viaccess 3.0		Polish			
TVP HD	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			
Fox Life Polska	TV	DVB-S2				3/4	27.500	Viaccess 3.0		Polish,English			
KidsCo East Europe	TV	DVB-S2				3/4	27.500	Viaccess 3.0		Polish			
Mezzo	TV	DVB-S2				3/4	27.500	Viaccess 3.0		French			
Fox Life Polska	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			
MTV Dance	TV	DVB-S2				3/4	27.500	Viaccess 3.0		English			
Discovery Science Channel Polska	TV	DVB-S2				3/4	27.500	Conax/Viaccess 3.0		Polish			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
D 12.520	V	Europe	MTV Rocks	TV	DVB-S2	3/4	27.500	Conax/Viaccess 3.0	English
			Discovery Channel Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	
			<u>QI</u>	package	DVB-S	3/4	27.500		
			HRT Satelitski Program	TV	DVB-S	3/4	Y 27.500	Viaccess 2.5/Viaccess 3.0	Croatian
			RBK TV	TV	DVB-S	3/4	27.500		Russian
			TV Slovenija 3	TV	DVB-S	3/4	Y 27.500		Slovenian
			TV Koper Capodistria	TV	DVB-S	3/4	27.500		Italian
			TV Slovenija 1	TV	DVB-S	3/4	Y 27.500		Slovenian
			HRT Plus	TV	DVB-S	3/4	Y 27.500	Viaccess 2.5/Viaccess 3.0	Croatian
			HRT 2	TV	DVB-S	3/4	Y 27.500	Viaccess 2.5/Viaccess 3.0	Croatian
			HRT 1	TV	DVB-S	3/4	Y 27.500		Croatian
			TV Slovenija 2	TV	DVB-S	3/4	Y 27.500		Slovenian
			Radio Ars	radio	DVB-S	3/4	27.500		Slovenian
			Narodni Radio	radio	DVB-S	3/4	27.500		Croatian
			HR Prvi program	radio	DVB-S	3/4	27.500		Croatian
			HR Treci program	radio	DVB-S	3/4	27.500		Croatian
			Ra Slo 1	radio	DVB-S	3/4	27.500		Slovenian
			Mediaservis	radio	DVB-S	3/4	27.500		Croatian
			Val 202	radio	DVB-S	3/4	27.500		Slovenian
			Glas Hrvatske	radio	DVB-S	3/4	27.500		Croatian
			HR Drugi program	radio	DVB-S	3/4	27.500		Croatian
			Totalni FM	radio	DVB-S	3/4	27.500		Croatian
			Otvoreni Radio	radio	DVB-S	3/4	27.500		Croatian
Radio Koprivnica	radio	DVB-S	3/4	27.500		Croatian			
Radio Capodistria	radio	DVB-S	3/4	27.500		Italian			
Radio Slovenia International	radio	DVB-S	3/4	27.500					
HR Radio Pula	radio	DVB-S	3/4	27.500		Croatian			
Antena Zagreb	radio	DVB-S	3/4	27.500		Croatian			
D 12.539	H	Europe	<u>Eutelsat Skyplex</u>	package	DVB-S	3/4	27.500		
			TV 8 Mont Blanc	TV	DVB-S	3/4	27.500		French
			Direct 8	TV	DVB-S	3/4	27.500		French
			Thalitha TV	TV	DVB-S	3/4	27.500		Arabic
			Canal Algérie	TV	DVB-S	3/4	27.500		Arabic
			Al Nile	TV	DVB-S	3/4	27.500		Arabic
			Nile TV International	TV	DVB-S	3/4	27.500		
			Administra.it	TV	DVB-S	3/4	27.500		Italian
			Radio Algérie Internationale	radio	DVB-S	3/4	27.500		
			Chaîne 1	radio	DVB-S	3/4	27.500		Arabic
			Radio Cairo Al Mowaghat 8	radio	DVB-S	3/4	27.500		
			Chaîne 2	radio	DVB-S	3/4	27.500		Arabic
			D 12.558	V	Europe	<u>Eutelsat Skyplex</u>	package	DVB-S	3/4
Baraem	TV	DVB-S				3/4	27.500		Arabic
Al Jazeera Children's Channel	TV	DVB-S				3/4	27.500		Arabic
D 12.577	H	Europe	<u>Orange</u>	package	DVB-S2	2/3	27.500	Viaccess 3.0	
			Orange sport	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			Orange cinemax	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			TéléToon France	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			MCM France	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			Boomerang France	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			Orange cinegeants	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 cinehappy	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			Piwi	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			KidsCo	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			Boing Italia	TV	DVB-S2	2/3	27.500	Viaccess 3.0	Italian
			Orange sport	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			Orange cinechoc	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
D 12.597	V	Europe	<u>GlobeCast</u>	package	DVB-S	3/4	27.500		
			JSTV 1	TV	DVB-S	3/4	27.500	Cryptoworks	Japanese,English
			ACQ-KBN	TV	DVB-S	3/4	27.500		English
			JSTV 2	TV	DVB-S	3/4	27.500	Cryptoworks	Japanese
			CNN International Europe	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0	English
			BBC World News	TV	DVB-S	3/4	Y 27.500		English
			Armenia 1 TV	TV	DVB-S	3/4	27.500		Armenian
			Perviy kanal Europa	TV	DVB-S	3/4	27.500		Russian
			EuroNews	TV	DVB-S	3/4	27.500		French,English,German,Italian,Spanish,Portuguese,Russian,Arabic,Turkish,Farsi
			RCI 2	radio	DVB-S	3/4	27.500		French
			WRN Moscow AM	radio	DVB-S	3/4	27.500		

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			WRN Russkij	radio	DVB-S	3/4	27.500		Russian
			WRN English Europe	radio	DVB-S	3/4	27.500		English
			WRN Deutsch	radio	DVB-S	3/4	27.500		German
			WRN Français	radio	DVB-S	3/4	27.500		French
			CVC The Voice Asia	radio	DVB-S	3/4	27.500		Hindi
			IBC Tamil	radio	DVB-S	3/4	27.500		Tamil
			National Prison Radio Network	radio	DVB-S	3/4	27.500		English
			Family Radio Europe	radio	DVB-S	3/4	27.500		English
			Radio Almahabba	radio	DVB-S	3/4	27.500		Arabic
			RCI 3	radio	DVB-S	3/4	27.500		
			CNN Radio	radio	DVB-S	3/4	27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0	English
			Sawt Al Alam	radio	DVB-S	3/4	27.500		Arabic
			RCI 1	radio	DVB-S	3/4	27.500		English
			Public Radio of Armenia	radio	DVB-S	3/4	27.500		Armenian
			Radio Japan	radio	DVB-S	3/4	27.500		
			Radio New Hope	radio	DVB-S	3/4	27.500		English
			Family Radio International 2	radio	DVB-S	3/4	27.500		
			Adventist World Radio	radio	DVB-S	3/4	27.500		
			Radio Finland	radio	DVB-S	3/4	27.500		
			Family Radio International 1	radio	DVB-S	3/4	27.500		
			WRN Multilingual Asia Pacific	radio	DVB-S	3/4	27.500		
			Radio Suomi	radio	DVB-S	3/4	27.500		
D 12.616	H	Europe	<u>Sky Italia</u>	package	DVB-S	3/4	27.500	Videoguard	
			Sky Calcio Info	TV	DVB-S	3/4	27.500		Italian
			Baby TV Europe	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Milan Channel	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Video Italia	TV	DVB-S	3/4	Y 27.500	Videoguard	Italian
			Comedy Central Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian
			La 7	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Sportitalia	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Nickelodeon Italia +1	TV	DVB-S	3/4	27.500	Videoguard	Italian
			MyDeejay TV	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Sportitalia 2	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Nickelodeon Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian
D 12.635	V	Europe	<u>Sky Italia</u>	package	DVB-S	3/4	27.500	Videoguard	
			Disney in English	TV	DVB-S	3/4	27.500	Videoguard	English
			ESPN America Europe	TV	DVB-S	3/4	27.500	Videoguard	Italian
			E! Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian
			La 3	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Disney XD Italia +1	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Classica Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian
			DeA Super	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Juventus Channel	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Toon Disney Italia +1	TV	DVB-S	3/4	27.500	Videoguard	Italian
			Inter Channel	TV	DVB-S	3/4	27.500	Videoguard	Italian
			DeA Kids	TV	DVB-S	3/4	27.500	Videoguard	Italian
D 12.654	H	Europe	<u>Arabsat</u>	package	DVB-S	3/4	27.500		
			Al-Iraqiya TV	TV	DVB-S	3/4	27.500		Arabic
			Al Masriyah	TV	DVB-S	3/4	27.500		Arabic
			Oman TV Satellite	TV	DVB-S	3/4	27.500		Arabic
			Sudan TV	TV	DVB-S	3/4	27.500		Arabic
			Jamahiriya Satellite Channel	TV	DVB-S	3/4	27.500		Arabic
			Kuwait Space Channel	TV	DVB-S	3/4	27.500		Arabic
			Saudi Arabian TV 1	TV	DVB-S	3/4	27.500		Arabic
			Qatar TV	TV	DVB-S	3/4	27.500		Arabic
			Al Quran Al Kareem TV	TV	DVB-S	3/4	27.500		Arabic
			Al Ordoni TV	TV	DVB-S	3/4	27.500		Arabic
			Al Mustakillah TV	TV	DVB-S	3/4	27.500		Arabic
			Sharjah TV	TV	DVB-S	3/4	27.500		Arabic
			Sharjah FM	radio	DVB-S	3/4	27.500		Arabic
			Qatar Radio General	radio	DVB-S	3/4	27.500		Arabic
			Program One	radio	DVB-S	3/4	27.500		Arabic
			Radio Quran	radio	DVB-S	3/4	27.500		Arabic
			Radio Main	radio	DVB-S	3/4	27.500		Arabic
			Radio Quran	radio	DVB-S	3/4	27.500		Arabic
			El-Quran El-Karim	radio	DVB-S	3/4	27.500		Arabic
			Umdurman Radio	radio	DVB-S	3/4	27.500		Arabic
			Radio Oman	radio	DVB-S	3/4	27.500		Arabic
			Radio Oman FM	radio	DVB-S	3/4	27.500		English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 12.673	V	Europe	Sout Al-Arab	radio	DVB-S	3/4	27.500		Arabic			
			EI-Bernameg Al-Aam	radio	DVB-S	3/4	27.500		Arabic			
			Republic of Iraq Radio	radio	DVB-S	3/4	27.500		Arabic			
			Al-Shabab	radio	DVB-S	3/4	27.500		Arabic			
			Iza'at Al-Quran Al-Kareem wa al Barameg Al-Deeniyah	radio	DVB-S	3/4	27.500		Arabic			
			Holy Quran Radio	radio	DVB-S	3/4	27.500		Arabic			
			Radio Umdurman Holy Quran	radio	DVB-S	3/4	27.500		Arabic			
			Radio Jordan General Channel	radio	DVB-S	3/4	27.500		Arabic			
			<u>Sky Italia</u>	package	DVB-S	3/4	27.500	Videoguard				
			Sky Primafila 12	TV	DVB-S	3/4	27.500	Videoguard		Italian,Italian		
			Vetrina Primafila	TV	DVB-S	3/4	27.500	Videoguard		Italian		
			Sky Primafila 14	TV	DVB-S	3/4	27.500	Videoguard		Italian,Italian		
			Sky Primafila 6	TV	DVB-S	3/4	27.500	Videoguard		Italian,Italian		
			Sky Primafila 2	TV	DVB-S	3/4	27.500	Videoguard		Italian,Italian		
			Sky Primafila 8	TV	DVB-S	3/4	27.500	Videoguard		Italian,Italian		
			Sky Primafila 4	TV	DVB-S	3/4	27.500	Videoguard		Italian,Italian		
			D 12.692	H	Europe	<u>Bis</u>	package	DVB-S	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	
Direct Star	TV	DVB-S				3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0		French		
Luxe TV	TV	DVB-S				3/4	27.500			French,English,Italian,Russian		
France 4	TV	DVB-S				3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0		French		
Orange sport info	TV	DVB-S				3/4	27.500	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0		French		
Gulli	TV	DVB-S				3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0		French		
AB 4	TV	DVB-S				3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 4.0		French		
AB 3	TV	DVB-S				3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 4.0		French		
Ciné Polar	TV	DVB-S				3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0		French		
TMC	TV	DVB-S				3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0		French		
W9	TV	DVB-S				3/4	27.500	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0		French		
France 2	TV	DVB-S				3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0		French		
Ciné FX	TV	DVB-S				3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0		French		
NRJ 12	TV	DVB-S				3/4	27.500	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0		French		
France 3 Sat	TV	DVB-S				3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0		French		
D 12.713	V	Europe				M6	TV	DVB-S	3/4	27.500	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
						<u>Sky Italia</u>	package	DVB-S	3/4	27.500	Videoguard	
			Sky Primafila 25	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Sky Play promo	TV	DVB-S	3/4	27.500		Italian			
			Sky Primafila 27	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Sky Primafila 26	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Sky Primafila 24	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Eurosport Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Sky Primafila 28	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Eurosport News Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Sky Primafila 15	TV	DVB-S	3/4	27.500	Videoguard	Italian			
D 12.731	H	Europe	Eurosport 2 Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			<u>Sky Italia</u>	package	DVB-S	3/4	27.500	Videoguard				
			MTV Gold	TV	DVB-S	3/4	27.500	Videoguard				
			GXT	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Boomerang Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			MTV Hits Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			MTV Brand New	TV	DVB-S	3/4	27.500	Videoguard				
			MTV Pulse Italia	TV	DVB-S	3/4	27.500	Videoguard				
			MTV Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			ESPN Classic Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian			
			Real Time	TV	DVB-S	3/4	27.500		Italian			
Animal Planet Italia	TV	DVB-S	3/4	27.500	Videoguard	Italian						
MTV +	TV	DVB-S	3/4	27.500	Videoguard	Italian						

EUROBIRD™ 1 (28.5°EAST)

D 11.222	H	Fixed	<u>Sky UK</u>	package	DVB-S	2/3	27.500		
			Clubland TV	TV	DVB-S	2/3	27.500		English
			CinéMoi	TV	DVB-S	2/3	27.500	Videoguard	
			BET UK +1	TV	DVB-S	2/3	27.500		English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	MHz	Text	Access	Lang.
				Digital	FEC	MSy/s				
			Psychic & Soul 885	TV	DVB-S	2/3	27.500			English
			Bluebird TV 954	TV	DVB-S	2/3	27.500			English
			Psychic & Soul 889	TV	DVB-S	2/3	27.500			English
			Brit Babes 2	TV	DVB-S	2/3	27.500			English
			Press TV	TV	DVB-S	2/3	27.500			English
			Lava	TV	DVB-S	2/3	27.500			English
			Jewellery Maker	TV	DVB-S	2/3	27.500			English
			Ummah Channel	TV	DVB-S	2/3	27.500			English
			Horror Channel +1	TV	DVB-S	2/3	27.500			English
			UCB TV	TV	DVB-S	2/3	27.500			English
			Chat Box	TV	DVB-S	2/3	27.500			English
			Babestation 2	TV	DVB-S	2/3	27.500			English
			Sunrise Radio	radio	DVB-S	2/3	27.500			English
			Galaxy Yorkshire	radio	DVB-S	2/3	27.500			English
			Heart 106.2	radio	DVB-S	2/3	27.500			English
			LBC 97.3	radio	DVB-S	2/3	27.500			English
			BFBS Radio Digital	radio	DVB-S	2/3	27.500			English
D 11.224	V	Fixed	<u>Sky UK</u>	package	DVB-S	2/3	27.500	Videoguard		
			PTV Global UK & Europe	TV	DVB-S	2/3	27.500			Urdu
			Nollywood Movies	TV	DVB-S	2/3	27.500	Videoguard		English
			Al Jazeera Children's Channel	TV	DVB-S	2/3	27.500			Arabic
			Vintage TV	TV	DVB-S	2/3	27.500			English
			Movies4Men 2	TV	DVB-S	2/3	27.500			English
			Movies4Men	TV	DVB-S	2/3	27.500			English
			Venus TV	TV	DVB-S	2/3	27.500			English
			Sahara One	TV	DVB-S	2/3	27.500	Videoguard		Hindi
			Npower Radio	radio	DVB-S	2/3	27.500			English
			Jazz FM	radio	DVB-S	2/3	27.500			English
			Voice of Truth Radio	radio	DVB-S	2/3	27.500			English
			NME Radio	radio	DVB-S	2/3	27.500			English
			Family Radio	radio	DVB-S	2/3	27.500			English
			RTÉ Radio 1 Extra	radio	DVB-S	2/3	27.500			English
			Gaydar Radio	radio	DVB-S	2/3	27.500			English
			WRN English Europe	radio	DVB-S	2/3	27.500			English
			TWR UK	radio	DVB-S	2/3	27.500			English
			Spectrum Radio Sky	radio	DVB-S	2/3	27.500			
			Liberty Radio	radio	DVB-S	2/3	27.500			English
			Absolute Radio	radio	DVB-S	2/3	27.500			English
			Yorkshire Radio	radio	DVB-S	2/3	27.500			English
			Rainbow Radio	radio	DVB-S	2/3	27.500			
			Absolute Classic Rock	radio	DVB-S	2/3	27.500			English
			Absolute 80s	radio	DVB-S	2/3	27.500			English
			Amrit Bani	radio	DVB-S	2/3	27.500			Panjabi
			Insight Radio	radio	DVB-S	2/3	27.500			English
			CC Radio	radio	DVB-S	2/3	27.500			English
			Desi Radio	radio	DVB-S	2/3	27.500			
			Absolute Radio 90s	radio	DVB-S	2/3	27.500			English
			Radio Caroline	radio	DVB-S	2/3	27.500			English
			Free & Prize PlayJam Games	interacti	DVB-S	2/3	27.500	Videoguard		
D 11.260	V	Fixed	<u>Sky UK</u>	package	DVB-S	2/3	27.500			
			Sikh TV	TV	DVB-S	2/3	27.500			English
			Renault TV UK	TV	DVB-S	2/3	27.500			English
			Aaj Tak International	TV	DVB-S	2/3	27.500	Videoguard		Hindi
			Gospel Channel	TV	DVB-S	2/3	27.500			English
			B4U Music UK	TV	DVB-S	2/3	27.500			English
			B4U Movies UK	TV	DVB-S	2/3	27.500	Videoguard		Hindi
			Revelation TV	TV	DVB-S	2/3	27.500			English
			Showcase TV	TV	DVB-S	2/3	27.500			English
			Movies4Men 2 +1	TV	DVB-S	2/3	27.500			English
			Smart Live Casino Roulette	TV	DVB-S	2/3	27.500			English
			NTV	TV	DVB-S	2/3	27.500			Bengali
			Open Access 3	TV	DVB-S	2/3	27.500			English
D 11.261	H	Fixed	<u>Sky UK</u>	package	DVB-S	2/3	27.500			
			Wonderful	TV	DVB-S	2/3	27.500			English
			CNBC UK	TV	DVB-S	2/3	Y 27.500			English
			DM Digital	TV	DVB-S	2/3	27.500			Urdu
			Jackpot Games promo	TV	DVB-S	2/3	27.500			English
			The Africa Channel	TV	DVB-S	2/3	27.500	Videoguard		English
			Star Gold UK	TV	DVB-S	2/3	27.500	Videoguard		Hindi
			Thane Direct	TV	DVB-S	2/3	27.500			English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			Crime & Investigation Network UK +1	TV	DVB-S	2/3	27.500	Videoguard	English
			GayNetwork	TV	DVB-S	2/3	27.500		English
			Horror Channel	TV	DVB-S	2/3	27.500		English
			3e	TV	DVB-S	2/3	27.500	Videoguard	English
			CBS Reality +1	TV	DVB-S	2/3	27.500		English
			Travel Channel UK +1	TV	DVB-S	2/3	27.500		English
			Star Plus UK	TV	DVB-S	2/3	27.500	Videoguard	Hindi
			Panjab Radio	radio	DVB-S	2/3	27.500		Punjabi
D 11.307	H	Fixed	Livingit +1	TV	DVB-S	2/3	27.500	Videoguard	English
D 11.307	H	Fixed	Challenge +1	TV	DVB-S	2/3	27.500	Videoguard	English
D 11.307	H	Fixed	Bravo 2	TV	DVB-S	2/3	27.500	Videoguard	English
D 11.307	H	Fixed	Channel One +1	TV	DVB-S	2/3	27.500	Videoguard	English
D 11.307	H	Fixed	Propeller	TV	DVB-S	2/3	27.500		English
D 11.307	H	Fixed	Living Ireland	TV	DVB-S	2/3	27.500	Videoguard	English
D 11.307	H	Fixed	Premier Christian Radio	radio	DVB-S	2/3	27.500		English
D 11.307	H	Fixed	<u>Sky UK</u>	package	DVB-S	2/3	27.500	Videoguard	
D 11.307	V	Fixed	Motors TV UK	TV	DVB-S	2/3	27.500	Videoguard	French,English
D 11.307	V	Fixed	Ideal & More	TV	DVB-S	2/3	27.500		English
D 11.307	V	Fixed	MUTV	TV	DVB-S	2/3	Y 27.500	Videoguard	English
D 11.307	V	Fixed	Club Paradiso	TV	DVB-S	2/3	27.500		English
D 11.307	V	Fixed	Create and Craft	TV	DVB-S	2/3	27.500		English
D 11.307	V	Fixed	Ideal Extra	TV	DVB-S	2/3	27.500		English
D 11.307	V	Fixed	High Street TV	TV	DVB-S	2/3	27.500		English
D 11.307	V	Fixed	Ideal World	TV	DVB-S	2/3	27.500		English
D 11.307	V	Fixed	Disha	TV	DVB-S	2/3	27.500		Hindi
D 11.307	V	Fixed	The Jewellery Channel	TV	DVB-S	2/3	27.500		English
D 11.307	V	Fixed	<u>Sky UK</u>	package	DVB-S	2/3	27.500		
D 11.343	V	Fixed	<u>Sky UK</u>	package	DVB-S	2/3	27.500		
			Takbeer TV	TV	DVB-S	2/3	27.500		
			Star One UK	TV	DVB-S	2/3	27.500	Videoguard	Hindi
			NickToons Replay	TV	DVB-S	2/3	27.500	Videoguard	English
			Ahlulbayt TV	TV	DVB-S	2/3	27.500		English
			Universal Channel UK	TV	DVB-S	2/3	27.500	Videoguard	English
			Psychic TV	TV	DVB-S	2/3	27.500		English
			Psychic & Soul 885	TV	DVB-S	2/3	27.500		English
			My TV	TV	DVB-S	2/3	27.500		English
			Brit Ladies	TV	DVB-S	2/3	27.500		English
			Comedy Central Extra +1	TV	DVB-S	2/3	27.500	Videoguard	English
			CBS Drama	TV	DVB-S	2/3	27.500		English
			Starz	TV	DVB-S	2/3	27.500		English
			Babestation Xtra	TV	DVB-S	2/3	27.500		English
			Babestation	TV	DVB-S	2/3	27.500		English
			Imagine Dil Se	TV	DVB-S	2/3	27.500		Hindi
			Brit Babes	TV	DVB-S	2/3	27.500		English
D 11.344	H	Fixed	<u>Sky UK</u>	package	DVB-S	2/3	27.500		
			Bluebird TV 950	TV	DVB-S	2/3	27.500		English
			Chat Lounge	TV	DVB-S	2/3	27.500		English
			Food Network UK +1	TV	DVB-S	2/3	27.500		English
			Hidayat TV	TV	DVB-S	2/3	27.500		Urdu
			Nick Jr UK +1	TV	DVB-S	2/3	27.500	Videoguard	English
			Wedding TV UK	TV	DVB-S	2/3	27.500		English
			Bluebird TV 951	TV	DVB-S	2/3	27.500		English
			Elite TV 914	TV	DVB-S	2/3	27.500		English
			BET UK	TV	DVB-S	2/3	27.500		English
			Retro TV	TV	DVB-S	2/3	27.500		English
			ESPN Classic UK	TV	DVB-S	2/3	27.500	Videoguard	English
			E! Ireland	TV	DVB-S	2/3	27.500	Videoguard	English
			40+ Readers Wives	TV	DVB-S	2/3	27.500		English
			Food Network UK	TV	DVB-S	2/3	27.500		English
D 11.389	H	Fixed	<u>Sky UK</u>	package	DVB-S	2/3	27.500	Videoguard	
			DMAX UK +1	TV	DVB-S	2/3	27.500	Videoguard	English
			Discovery Home & Health UK +1	TV	DVB-S	2/3	27.500	Videoguard	English
			Discovery Real Time UK +1	TV	DVB-S	2/3	27.500	Videoguard	English
			Discovery Shed	TV	DVB-S	2/3	27.500	Videoguard	English
			Discovery Knowledge +1	TV	DVB-S	2/3	27.500	Videoguard	English
			DMAX UK +2	TV	DVB-S	2/3	27.500	Videoguard	English
			DMAX UK	TV	DVB-S	2/3	27.500	Videoguard	English
			Discovery Science Channel UK +1	TV	DVB-S	2/3	27.500	Videoguard	English
			Animal Planet Europe +1	TV	DVB-S	2/3	27.500	Videoguard	English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text	Access	Lang.			
				Digital	MHz	FEC				MSy/s		
D 11.390	V	Fixed	Investigation Discovery Europe	TV	DVB-S	2/3	27.500	Videoguard	English			
			Quest +1	TV	DVB-S	2/3	27.500	Videoguard	English			
			<u>Sky UK</u>	package	DVB-S	2/3	27.500	Videoguard				
			Climax 3-1	TV	DVB-S	2/3	27.500	Videoguard	English			
			Celebrity Shop	TV	DVB-S	2/3	27.500		English			
			Red Light Lounge TV	TV	DVB-S	2/3	27.500		English			
			Top Shelf TV	TV	DVB-S	2/3	27.500	Videoguard	English			
			Playboy TV UK	TV	DVB-S	2/3	Y 27.500	Videoguard	English			
			Adult Channel	TV	DVB-S	2/3	Y 27.500	Videoguard	English			
			Climax 3-3	TV	DVB-S	2/3	27.500	Videoguard	English			
			Climax 3-2	TV	DVB-S	2/3	27.500	Videoguard	English			
			Chat Girl TV	TV	DVB-S	2/3	27.500		English			
			Playboy TV UK promo	TV	DVB-S	2/3	27.500		English			
			ARY News UK & USA	TV	DVB-S	2/3	27.500		Urdu			
			Movies 24 UK +	TV	DVB-S	2/3	27.500	Videoguard	English			
			Movies 24 UK	TV	DVB-S	2/3	27.500	Videoguard	English			
			Tease Me TV 902	TV	DVB-S	2/3	27.500		English			
			D 11.426	V	Fixed	<u>Sky UK</u>	package	DVB-S	2/3	27.500	Videoguard	
						OBE TV	TV	DVB-S	2/3	27.500		English
Speed Auction TV	TV	DVB-S				2/3	27.500		English			
Bloomberg TV Europe	TV	DVB-S				2/3	27.500		English			
Glory TV	TV	DVB-S				2/3	27.500		English			
Bid TV	TV	DVB-S				2/3	27.500		English			
Diva TV	TV	DVB-S				2/3	27.500	Videoguard	English			
Colors	TV	DVB-S				2/3	27.500	Videoguard	Hindi			
Max UK	TV	DVB-S				2/3	27.500	Videoguard	Hindi			
Price-Drop TV	TV	DVB-S				2/3	27.500		English			
Aag TV UK	TV	DVB-S				2/3	27.500	Videoguard				
Geo UK	TV	DVB-S				2/3	27.500	Videoguard	Urdu			
ARY QTV	TV	DVB-S				2/3	27.500	Videoguard	English			
D 11.428	H	Fixed				Men & Movies	TV	DVB-S	2/3	27.500		
						<u>Sky UK</u>	package	DVB-S	2/3	27.500	Videoguard	
D 11.469	H	S1				Sky Box Office 28	TV	DVB-S	2/3	27.500	Videoguard	English
						Sky Box Office 59	TV	DVB-S	2/3	27.500	Videoguard	English
						Sky Box Office 32	TV	DVB-S	2/3	27.500	Videoguard	English
						Sky Box Office 27	TV	DVB-S	2/3	27.500	Videoguard	English
			Sky Box Office 26	TV	DVB-S	2/3	27.500	Videoguard	English			
			Sky Box Office 2	TV	DVB-S	2/3	27.500	Videoguard	English			
			Sky Portal Video	TV	DVB-S	2/3	27.500		English			
			Sky Box Office 34	TV	DVB-S	2/3	27.500	Videoguard	English			
			D 11.488	V	S1	<u>Luxe TV</u>	package	DVB-S	2/3	27.500		
						Luxe TV	TV	DVB-S	2/3	27.500		English,English
Luxe TV	TV	DVB-S				2/3	27.500		English			
D 11.508	H	S1	<u>Sky UK</u>	package	DVB-S	2/3	27.500	Videoguard				
			100% Babes	TV	DVB-S	2/3	27.500	Videoguard	English			
			Adult XXX Mums	TV	DVB-S	2/3	27.500	Videoguard	English			
			Hustler TV UK	TV	DVB-S	2/3	27.500	Videoguard	English			
			Girls Gone Wild	TV	DVB-S	2/3	27.500	Videoguard	English			
			British Eurosport	TV	DVB-S	2/3	27.500	Videoguard	English			
			Playboy Lovers	TV	DVB-S	2/3	27.500	Videoguard	English			
			XXX Gay	TV	DVB-S	2/3	27.500	Videoguard	English			
			XXX First Timers	TV	DVB-S	2/3	27.500	Videoguard	English			
			Sky Box Office Events	TV	DVB-S	2/3	27.500	Videoguard	English			
			Amateur Babes	TV	DVB-S	2/3	27.500	Videoguard	English			
			D 11.527	V	S1	<u>Sky UK</u>	package	DVB-S	2/3	27.500		
						Comedy Central Ireland	TV	DVB-S	2/3	Y 27.500	Videoguard	English
						Tease Me TV 959	TV	DVB-S	2/3	27.500		English
						Tease Me TV 912	TV	DVB-S	2/3	27.500		English
Extreme Sports Channel UK	TV	DVB-S				2/3	27.500	Videoguard	English			
Islam Channel	TV	DVB-S				2/3	27.500		English			
GayDateTV	TV	DVB-S				2/3	Y 27.500		English			
D 11.546	H	S1	Comedy Central UK +1	TV	DVB-S	2/3	Y 27.500	Videoguard	English			
			The Dating Channel	TV	DVB-S	2/3	Y 27.500		English			
			<u>Sky UK</u>	package	DVB-S	2/3	27.500	Videoguard				
			Zee Café	TV	DVB-S	2/3	27.500	Videoguard	English			
			ARY Digital UK/Europe	TV	DVB-S	2/3	27.500	Videoguard	Urdu			
			Gala TV	TV	DVB-S	2/3	27.500		English			
Geo News	TV	DVB-S	2/3	27.500	Videoguard	Urdu						
Shop on TV	TV	DVB-S	2/3	27.500		English						
Zee TV UK	TV	DVB-S	2/3	27.500	Videoguard	Hindi						

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.565	V	S1	Zee Cinema UK	TV	DVB-S	2/3	27.500	Videoguard	Hindi
			V Channel	TV	DVB-S	2/3	27.500		English
			Zee Punjabi UK	TV	DVB-S	2/3	27.500	Videoguard	Punjabi
			Zing UK	TV	DVB-S	2/3	27.500		Hindi
			<u>Sky UK</u>	package	DVB-S	2/3	27.500	Videoguard	
			Sky Box Office 1	TV	DVB-S	2/3	27.500	Videoguard	
			Sky Preview	TV	DVB-S	2/3	27.500		English
			Sky Box Office 54	TV	DVB-S	2/3	27.500	Videoguard	English
			Sky Box Office Preview	TV	DVB-S	2/3	27.500	Videoguard	English
			Sky Movies Preview mosaic	TV	DVB-S	2/3	27.500		English
			Sky Box Office 60	TV	DVB-S	2/3	27.500	Videoguard	English
			Sky Box Office 55	TV	DVB-S	2/3	27.500	Videoguard	English
			Sky Preview	TV	DVB-S	2/3	27.500	Videoguard	English
			Sky Box Office 3	TV	DVB-S	2/3	27.500	Videoguard	English
D 11.585	H	S1	<u>Sky UK</u>	package	DVB-S	2/3	27.500	Videoguard	
			The Entrepreneur Channel	TV	DVB-S	2/3	27.500		English
			Q	TV	DVB-S	2/3	Y 27.500	Videoguard	English
			Supreme Master TV	TV	DVB-S	2/3	27.500		English
			Liverpool FC TV	TV	DVB-S	2/3	27.500	Videoguard	English
			ESPN America UK	TV	DVB-S	2/3	27.500	Videoguard	English
			Channel Aka	TV	DVB-S	2/3	27.500		English
			Film 24	TV	DVB-S	2/3	27.500		English
			Sikh Channel	TV	DVB-S	2/3	27.500		Punjabi
			Racing UK	TV	DVB-S	2/3	Y 27.500	Videoguard	English
			ESPN in Pubs	TV	DVB-S	2/3	27.500	Videoguard	English
			Magic	TV	DVB-S	2/3	Y 27.500	Videoguard	English
			<u>Sky UK</u>	package	DVB-S	2/3	27.500	Videoguard	
			Sky Box Office 58	TV	DVB-S	2/3	27.500	Videoguard	English
Sky Movies Premiere +1	TV	DVB-S	2/3	Y 27.500	Videoguard	English,English			
Sky Movies Crime & Thriller	TV	DVB-S	2/3	27.500	Videoguard	English,English			
Sky Anytime B	TV	DVB-S	2/3	27.500	Videoguard	English,English			
Sky Anytime A	TV	DVB-S	2/3	27.500	Videoguard	English,English			
Bio UK	TV	DVB-S	2/3	27.500	Videoguard	English			
Sky Movies Premiere	TV	DVB-S	2/3	Y 27.500	Videoguard	English,English			
Sky Box Office 29	TV	DVB-S	2/3	27.500	Videoguard	English			
Sky Box Office 30	TV	DVB-S	2/3	27.500	Videoguard	English			
History UK	TV	DVB-S	2/3	27.500	Videoguard	English,English			
History UK +1	TV	DVB-S	2/3	27.500	Videoguard	English			
Sky Box Office 31	TV	DVB-S	2/3	27.500	Videoguard	English			
D 11.623	H	S1	WAP Casino One	interacti	DVB-S	2/3	27.500	Videoguard	
			<u>Sky UK</u>	package	DVB-S	2/3	27.500		
			Information TV	TV	DVB-S	2/3	27.500		English
			RT English	TV	DVB-S	2/3	27.500		English
			Prime TV	TV	DVB-S	2/3	27.500		
			Abu Dhabi Al Oula Europe	TV	DVB-S	2/3	27.500		Arabic
			Phoenix CNE	TV	DVB-S	2/3	27.500		Chinese
			Showcase 2	TV	DVB-S	2/3	27.500		English
			Diva TV +1	TV	DVB-S	2/3	27.500	Videoguard	English
			Syfy UK +1	TV	DVB-S	2/3	27.500	Videoguard	English
			Baby TV Europe	TV	DVB-S	2/3	27.500	Videoguard	English
			Costcutter In Tune Radio	radio	DVB-S	2/3	27.500		English
			Magic 105.4 FM	radio	DVB-S	2/3	27.500		English
			Kiss 100	radio	DVB-S	2/3	27.500		English
D 11.642	V	S1	<u>Sky UK</u>	package	DVB-S	2/3	27.500		
			Flava	TV	DVB-S	2/3	27.500		English
			Bliss	TV	DVB-S	2/3	27.500		English
			Scuzz	TV	DVB-S	2/3	27.500		English
			True Movies	TV	DVB-S	2/3	27.500		English
			NME TV	TV	DVB-S	2/3	27.500		English
			Dance Nation	TV	DVB-S	2/3	27.500		English
			Pop!	TV	DVB-S	2/3	27.500		English
			Tiny Pop +1	TV	DVB-S	2/3	27.500		English
			Kix!	TV	DVB-S	2/3	27.500		English
			The Vault	TV	DVB-S	2/3	27.500		English
			PopGirl	TV	DVB-S	2/3	27.500		English
			Chart Show TV	TV	DVB-S	2/3	27.500		English
			PopGirl +1	TV	DVB-S	2/3	27.500		English
True Entertainment	TV	DVB-S	2/3	27.500		English			
Tiny Pop	TV	DVB-S	2/3	27.500		English			
True Movies 2	TV	DVB-S	2/3	27.500		English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.662	H	S1	Sky UK	package	DVB-S	2/3	27.500		
			Cee (I) TV	TV	DVB-S	2/3	27.500	Videoguard	Tamil
			MTA International	TV	DVB-S	2/3	27.500		Urdu,English,French,German,Arabic,Bengali
			The Word Network	TV	DVB-S	2/3	27.500		English
			Super Casino	TV	DVB-S	2/3	27.500		English
			Inspiration Network International	TV	DVB-S	2/3	27.500		English
			France 24 English	TV	DVB-S	2/3	27.500		English
			TBN Europe	TV	DVB-S	2/3	27.500		English
			God TV UK	TV	DVB-S	2/3	27.500		English
			CCTV News English	TV	DVB-S	2/3	27.500		English
D 11.681	V	S1	Sky UK	package	DVB-S	2/3	27.500	Videoguard	
			Premier Sports Extra	TV	DVB-S	2/3	27.500	Videoguard	English
			Premier Sports	TV	DVB-S	2/3	27.500	Videoguard	English
			Al Jazeera English	TV	DVB-S	2/3	27.500		English
			NHK World TV	TV	DVB-S	2/3	27.500		English
			Syfy UK	TV	DVB-S	2/3	27.500	Videoguard	English
			Universal Channel UK +1	TV	DVB-S	2/3	27.500	Videoguard	English
			Setanta Ireland	TV	DVB-S	2/3	27.500	Videoguard	English
			Setanta Sports 1	TV	DVB-S	2/3	27.500	Videoguard	English
			NewsTalk	radio	DVB-S	2/3	27.500		English
D 12.523	H	Fixed	Bluebird TV 954	TV	DVB-S	2/3	27.500		English
D 12.523	H	Fixed	AIT International UK	TV	DVB-S	2/3	27.500	Videoguard	English
D 12.523	H	Fixed	Voxafrika Africa	TV	DVB-S	2/3	27.500		
D 12.523	H	Fixed	Ahlebaït TV	TV	DVB-S	2/3	27.500		
D 12.523	H	Fixed	Madani Channel	TV	DVB-S	2/3	27.500		Urdu
D 12.523	H	Fixed	OH TV	TV	DVB-S	2/3	27.500		English
D 12.523	H	Fixed	Movies4Men +1	TV	DVB-S	2/3	27.500		English
D 12.523	H	Fixed	EWTN UK	TV	DVB-S	2/3	27.500		English
D 12.523	H	Fixed	BEN	TV	DVB-S	2/3	27.500		English
D 12.523	H	Fixed	Daystar TV	TV	DVB-S	2/3	27.500		English
D 12.523	H	Fixed	Music India	TV	DVB-S	2/3	27.500		Hindi
D 12.523	H	Fixed	EWTN Radio Europe/UK	radio	DVB-S	2/3	27.500		English
D 12.523	H	Fixed	Smooth Radio London	radio	DVB-S	2/3	27.500		English
D 12.523	H	Fixed	Real Radio Wales	radio	DVB-S	2/3	27.500		English
D 12.523	H	Fixed	Sky UK	package	DVB-S	2/3	27.500		
D 12.523	V	Fixed	Thane Stop and Shop	TV	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	Deya Broadcasting Network	TV	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	Gems TV 1	TV	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	Sunrise TV	TV	DVB-S	2/3	27.500		
D 12.523	V	Fixed	Brit Asia TV	TV	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	Gem Collector	TV	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	JML Home & DIY	TV	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	Sangat TV	TV	DVB-S	2/3	27.500		
D 12.523	V	Fixed	Record Internacional Europa	TV	DVB-S	2/3	27.500		Portuguese
D 12.523	V	Fixed	Rocks & Co.	TV	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	CBS Reality	TV	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	TV Shop UK	TV	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	Radio Khushkhabri	radio	DVB-S	2/3	27.500		
D 12.523	V	Fixed	Choice FM	radio	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	UCB UK	radio	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	UCB Inspirational	radio	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	UCB Bible	radio	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	UCB Gospel	radio	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	Solar Radio	radio	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	XFM 104.9	radio	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	Amar Radio	radio	DVB-S	2/3	27.500		
D 12.523	V	Fixed	Gold	radio	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	Sukh Sagar Radio	radio	DVB-S	2/3	27.500		Punjabi
D 12.523	V	Fixed	Kismat Radio	radio	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	Chill	radio	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	Classic FM UK	radio	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	Planet Rock	radio	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	UCB Ireland	radio	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	Punjabi Radio	radio	DVB-S	2/3	27.500		Punjabi
D 12.523	V	Fixed	95.8 Capital FM	radio	DVB-S	2/3	27.500		English
D 12.523	V	Fixed	Rádio Record	radio	DVB-S	2/3	27.500		Portuguese
D 12.523	V	Fixed	Sky UK	package	DVB-S	2/3	27.500		
D 12.560	H	Fixed	Information TV +1	TV	DVB-S	2/3	27.500		English
D 12.560	H	Fixed	Faith World TV	TV	DVB-S	2/3	27.500		English
D 12.560	H	Fixed	Channel S UK	TV	DVB-S	2/3	27.500		Bengali

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
D 12.560	H	Fixed	Channel I	TV	DVB-S	2/3	27.500		Bengali
D 12.560	H	Fixed	Showcase TV +1	TV	DVB-S	2/3	27.500		English
D 12.560	H	Fixed	Bangla TV	TV	DVB-S	2/3	27.500		Bengali
D 12.560	H	Fixed	Peace TV UK	TV	DVB-S	2/3	27.500		English
D 12.560	H	Fixed	ATN Bangla UK	TV	DVB-S	2/3	27.500		Bengali
D 12.560	H	Fixed	KICC TV	TV	DVB-S	2/3	27.500		English
D 12.560	H	Fixed	Iqra TV	TV	DVB-S	2/3	27.500		English
D 12.560	H	Fixed	Peace TV Urdu	TV	DVB-S	2/3	27.500		Urdu
D 12.560	H	Fixed	<u>Sky UK</u>	package	DVB-S	2/3	27.500		
D 12.560	V	Fixed	Rocks TV	TV	DVB-S	2/3	27.500		English
D 12.560	V	Fixed	QVC Beauty	TV	DVB-S	2/3	27.500		English
D 12.560	V	Fixed	Best Direct	TV	DVB-S	2/3	27.500		English
D 12.560	V	Fixed	Fitness TV	TV	DVB-S	2/3	27.500		English
D 12.560	V	Fixed	JML Choice	TV	DVB-S	2/3	27.500		English
D 12.560	V	Fixed	JML Direct	TV	DVB-S	2/3	27.500		English
D 12.560	V	Fixed	SAB TV	TV	DVB-S	2/3	27.500	Videoguard	Hindi
D 12.560	V	Fixed	VPA	TV	DVB-S	2/3	27.500		English
D 12.560	V	Fixed	EuroNews	TV	DVB-S	2/3	27.500		English,French,German,Italian,Spanish,Portuguese,Russian,Arabic
D 12.560	V	Fixed	Horse & Country TV	TV	DVB-S	2/3	27.500		English
D 12.560	V	Fixed	CBS Action	TV	DVB-S	2/3	27.500		English
D 12.560	V	Fixed	JML CookShop	TV	DVB-S	2/3	27.500		English
D 12.560	V	Fixed	Wedding TV Asia	TV	DVB-S	2/3	27.500		English
D 12.560	V	Fixed	Travel Channel UK	TV	DVB-S	2/3	Y 27.500		English
D 12.560	V	Fixed	<u>Sky UK</u>	package	DVB-S	2/3	27.500		
D 12.607	H	Fixed	TV X	TV	DVB-S	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	TV X Amateur	TV	DVB-S	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Primetime	TV	DVB-S	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	TV X Brits	TV	DVB-S	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Red Hot 40+	TV	DVB-S	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Red Hot Amateur	TV	DVB-S	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Red Hot Fetish	TV	DVB-S	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Red Hot Mums	TV	DVB-S	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Red Hot TV	TV	DVB-S	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Honey	TV	DVB-S	2/3	27.500		English
D 12.607	H	Fixed	Gay TV	TV	DVB-S	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Dirty Talk	TV	DVB-S	2/3	27.500		English
D 12.607	H	Fixed	Active Channel	TV	DVB-S	2/3	27.500		English
D 12.607	H	Fixed	Xplicit XXX	TV	DVB-S	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	<u>Sky UK</u>	package	DVB-S	2/3	27.500	Videoguard	
			Viewers' Wives	TV	DVB-S	2/3	27.500	Videoguard	English
D 12.607	V	Fixed	Zee Punjabi UK	TV	DVB-S	2/3	27.500	Videoguard	Punjabi
D 12.607	V	Fixed	Zing UK	TV	DVB-S	2/3	27.500		Hindi
D 12.607	V	Fixed	Zee Cinema UK	TV	DVB-S	2/3	27.500	Videoguard	Hindi
D 12.607	V	Fixed	Zee Café	TV	DVB-S	2/3	27.500	Videoguard	English
A 12.607	V	Fixed	Rush HD	TV	DVB-S	2/3	27.500	Videoguard	English
D 12.607	V	Fixed	Zee TV UK	TV	DVB-S	2/3	27.500	Videoguard	Hindi
D 12.607	V	Fixed	<u>Sky UK</u>	package	DVB-S	2/3	27.500	Videoguard	
D 12.643	H	Fixed	Noor TV	TV	DVB-S	2/3	27.500		English
A 12.643	H	Fixed	Luxury Life	TV	DVB-S	2/3	27.500		English,English
D 12.643	H	Fixed	Challenge Jackpot	TV	DVB-S	2/3	27.500		English
D 12.643	H	Fixed	Luxury Life	TV	DVB-S	2/3	27.500		English
D 12.643	H	Fixed	Blue Tube	TV	DVB-S	2/3	27.500	Videoguard	English
D 12.643	H	Fixed	HiTV UK	TV	DVB-S	2/3	27.500		English
D 12.643	H	Fixed	Loveworld TV	TV	DVB-S	2/3	27.500		English
D 12.643	H	Fixed	Cream	TV	DVB-S	2/3	27.500		English
D 12.643	H	Fixed	Body in Balance UK	TV	DVB-S	2/3	27.500		English
D 12.643	H	Fixed	UK Swingers	TV	DVB-S	2/3	27.500	Videoguard	English
D 12.643	H	Fixed	<u>Sky UK</u>	package	DVB-S	2/3	27.500	Videoguard	
D 12.643	V	Fixed	Nickelodeon Ireland	TV	DVB-S	2/3	Y 27.500	Videoguard	English
D 12.643	V	Fixed	Military History UK	TV	DVB-S	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	Pitch TV	TV	DVB-S	2/3	27.500		English
D 12.643	V	Fixed	Elite TV 965	TV	DVB-S	2/3	27.500		English
D 12.643	V	Fixed	The Style Network Emea	TV	DVB-S	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	Comedy Central Ireland +1	TV	DVB-S	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	Ocean TV	TV	DVB-S	2/3	27.500		English
D 12.643	V	Fixed	Nick Jr Ireland	TV	DVB-S	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	Star News UK	TV	DVB-S	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	Pitch World	TV	DVB-S	2/3	27.500		English
D 12.643	V	Fixed	MATV National	TV	DVB-S	2/3	27.500		English
D 12.643	V	Fixed	<u>Sky UK</u>	package	DVB-S	2/3	27.500	Videoguard	

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.
				Digital	FEC			

EUROBIRD™ 2 (25.5°EAST)

D 11.013	H	Fixed	<u>Noorsat</u>	package	DVB-S	3/4	27.500	
			Karbala Satellite Channel	TV	DVB-S	3/4	27.500	Arabic
			Ostool Al Horyah	TV	DVB-S	3/4	27.500	Arabic
			NART TV	TV	DVB-S	3/4	27.500	Arabic
			Wesal TV	TV	DVB-S	3/4	27.500	Arabic
			Alsumaria	TV	DVB-S	3/4	27.500	Arabic
			Zweina Baladna	TV	DVB-S	3/4	27.500	Arabic
			BBC Persian	TV	DVB-S	3/4	27.500	Farsi
			Al Eqtisadiyah Plus	TV	DVB-S	3/4	27.500	Arabic
			Oscar Drama	TV	DVB-S	3/4	27.500	Arabic
			DM TV	TV	DVB-S	3/4	27.500	Arabic
			Alhayat Cinema	TV	DVB-S	3/4	27.500	Arabic
			Nour TV	TV	DVB-S	3/4	27.500	Farsi
			Taha TV	TV	DVB-S	3/4	27.500	Arabic
			Supreme Master TV	TV	DVB-S	3/4	27.500	English
			VoA TV Persian	TV	DVB-S	3/4	27.500	Farsi
			Bahrain TV	TV	DVB-S	3/4	27.500	Arabic
			Al Haqeeqa al Dawliyah	TV	DVB-S	3/4	27.500	Arabic
			D 11.054	H	Fixed	<u>Orbit Showtime Network</u>	package	DVB-S
C-SPAN Orbit	TV	DVB-S				3/4	27.500 Mediaguard 2	English
GMA Life TV	TV	DVB-S				3/4	27.500 Mediaguard 2	Tagalog
Arabic Series +4	TV	DVB-S				3/4	27.500 Mediaguard 2	Arabic
ShowSeries	TV	DVB-S				3/4	27.500 Mediaguard 2	English
MnL TV	TV	DVB-S				3/4	27.500 Mediaguard 2	Tagalog
GMA Pinoy TV Europe	TV	DVB-S				3/4	27.500 Mediaguard 2	Tagalog
Discovery Channel Middle East & Africa	TV	DVB-S				3/4	27.500 Mediaguard 2	English
America Plus	TV	DVB-S				3/4	27.500 Mediaguard 2	English
Cinema 2	TV	DVB-S				3/4	27.500 Mediaguard 2	Arabic
Al Yawm	TV	DVB-S				3/4	27.500 Mediaguard 2	Arabic
Arabic Series	TV	DVB-S				3/4	27.500 Mediaguard 2	Arabic
Cinema 1	TV	DVB-S				3/4	27.500 Mediaguard 2	Arabic
DZBB 594 Super Radyo	radio	DVB-S				3/4	27.500 Mediaguard 2	Tagalog
Khalijya't	radio	DVB-S				3/4	27.500 Mediaguard 2	Arabic
Monawa't	radio	DVB-S				3/4	27.500 Mediaguard 2	Arabic
Tarabiya't	radio	DVB-S				3/4	27.500 Mediaguard 2	Arabic
Classical	radio	DVB-S				3/4	27.500 Mediaguard 2	
Radio Mosaic	interacti	DVB-S				3/4	27.500 Mediaguard 2	
Orbit EPG	interacti	DVB-S	3/4	27.500 Mediaguard 2				
D 11.585	V	Fixed	<u>Noorsat</u>	package	DVB-S	3/4	27.500	
			Oscar Drama	TV	DVB-S	3/4	27.500	Arabic
			VoA TV Persian	TV	DVB-S	3/4	27.500	Farsi
			Taha TV	TV	DVB-S	3/4	27.500	Arabic
			Supreme Master TV	TV	DVB-S	3/4	27.500	English
			Alhayat Cinema	TV	DVB-S	3/4	27.500	Arabic
			DM TV	TV	DVB-S	3/4	27.500	Arabic
			Wesal TV	TV	DVB-S	3/4	27.500	Arabic
			Alsumaria	TV	DVB-S	3/4	27.500	Arabic
			Al Eqtisadiyah Plus	TV	DVB-S	3/4	27.500	Arabic
			Zweina Baladna	TV	DVB-S	3/4	27.500	Arabic
			BBC Persian	TV	DVB-S	3/4	27.500	Farsi
			Ostool Al Horyah	TV	DVB-S	3/4	27.500	Arabic
			NART TV	TV	DVB-S	3/4	27.500	Arabic
			Nour TV	TV	DVB-S	3/4	27.500	Farsi
			Bahrain TV	TV	DVB-S	3/4	27.500	Arabic
			Al Haqeeqa al Dawliyah	TV	DVB-S	3/4	27.500	Arabic
			Karbala Satellite Channel	TV	DVB-S	3/4	27.500	Arabic
			D 11.604	H	Fixed	<u>Orbit Showtime Network</u>	package	DVB-S
GMA Life TV	TV	DVB-S				3/4	27.500 Mediaguard 2	Tagalog
Arabic Series +4	TV	DVB-S				3/4	27.500 Mediaguard 2	Arabic
CNN International Europe	TV	DVB-S				3/4	27.500	English
Discovery Channel Middle East & Africa	TV	DVB-S				3/4	27.500 Mediaguard 2	English
Cinema 2	TV	DVB-S				3/4	27.500 Mediaguard 2	Arabic
BBC Entertainment Europe	TV	DVB-S				3/4	27.500 Mediaguard 2	English
MnL TV	TV	DVB-S				3/4	27.500 Mediaguard 2	Tagalog
OSN Comedy +2	TV	DVB-S	3/4	27.500 Mediaguard 2	English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.681	H	Fixed	Cartoon Network Middle East & Africa	TV	DVB-S	3/4	27.500	Mediaguard 2	English
			Orbit News 1	TV	DVB-S	3/4	27.500	Mediaguard 2	English
			Super Movies	TV	DVB-S	3/4	27.500	Mediaguard 2	English
			Disney Channel Middle East	TV	DVB-S	3/4	27.500	Mediaguard 2	English,Arabic
			Animal Planet Middle East	TV	DVB-S	3/4	27.500	Mediaguard 2	English
			Tarabiya't	radio	DVB-S	3/4	27.500		Arabic
			Monawa't	radio	DVB-S	3/4	27.500		Arabic
			Khalijya't	radio	DVB-S	3/4	27.500		Arabic
			DZBB 594 Super Radyo	radio	DVB-S	3/4	27.500	Mediaguard 2	Tagalog
			<u>Orbit Showtime Network</u>	package	DVB-S	3/4	27.500	Mediaguard 2	
			Al Safwa	TV	DVB-S	3/4	27.500	Mediaguard 2	Arabic
			Playhouse Disney Scandinavia	TV	DVB-S	3/4	27.500	Mediaguard 2	English
			ShowMovies Action	TV	DVB-S	3/4	27.500	Mediaguard 2	English
			ShowMovies	TV	DVB-S	3/4	27.500	Mediaguard 2	English
			Pinoy Extreme	TV	DVB-S	3/4	27.500	Mediaguard 2	Tagalog
			OSN Comedy	TV	DVB-S	3/4	27.500	Mediaguard 2	English
			OSN Shasha	TV	DVB-S	3/4	27.500	Mediaguard 2	Arabic
			Disney XD Scandinavia	TV	DVB-S	3/4	27.500	Mediaguard 2	English
			KidsCo	TV	DVB-S	3/4	27.500	Mediaguard 2	English
			JimJam Europe	TV	DVB-S	3/4	27.500	Mediaguard 2	English
			ShowSports 4	TV	DVB-S	3/4	27.500	Mediaguard 2	English
			Super Movies +2	TV	DVB-S	3/4	27.500	Mediaguard 2	English
			The MGM Channel Middle East	TV	DVB-S	3/4	27.500	Mediaguard 2	English
			EI EMEA	TV	DVB-S	3/4	27.500	Mediaguard 2	English
			Fann	TV	DVB-S	3/4	27.500	Mediaguard 2	Arabic
			Barangay LS 97.1	radio	DVB-S	3/4	27.500	Mediaguard 2	Tagalog

EUROBIRD 3 (33°EAST)

D 11.472	H	Spot A	SkyDSL	interacti	DVB-S	5/6	27.500		
D 11.596	V	Spot B	<u>Skylogic</u>	package	DVB-S	5/6	27.500		
			Radio GS	radio	DVB-S	5/6	27.500		Italian
			Radio Carrefour	radio	DVB-S	5/6	27.500		Italian
			Radio di per di	radio	DVB-S	5/6	27.500		
			Uni-Music	radio	DVB-S	5/6	27.500		Italian
			Skylogic	interacti	DVB-S	5/6	27.500	Irdeto 2	
D 11.596	H	Spot D	Skylogic	interacti	DVB-S	5/6	27.500		
D 11.642	H	Spot D	<u>DigiTurk</u>	package	DVB-S	5/6	21.870	Cryptoworks/Irdeto 2	
			TRT Arapça	TV	DVB-S	5/6	21.870		Arabic
			TNT Türkiye	TV	DVB-S	5/6	21.870	Cryptoworks/Irdeto 2	Turkish
			Kanal A	TV	DVB-S	5/6	21.870	Cryptoworks/Irdeto 2	Turkish
			FX Türkiye	TV	DVB-S	5/6	21.870	Cryptoworks/Irdeto 2	Turkish
			TRT Belgesel	TV	DVB-S	5/6	21.870		Turkish
			Cem TV	TV	DVB-S	5/6	21.870	Cryptoworks/Irdeto 2	Turkish
D 12.522	V	Spot C	Skylogic	interacti	DVB-S	5/6	27.500		

EUROBIRD™ 9A (9°EAST)

D 11.727	V	Europe	<u>Arqiva</u>	package	DVB-S	3/4	27.500	Cryptoworks/Viaccess 4.0/BISS	
			Disney Channel Romania & Bulgaria	TV	DVB-S	3/4	27.500	Cryptoworks/Viaccess 4.0	English,Ukrainian,Romanian,Bulgarian
			ANN	TV	DVB-S	3/4	27.500		Arabic
			ESPN America Europe	TV	DVB-S	3/4	27.500	BISS	English
			ESPN Classic Europe	TV	DVB-S	3/4	27.500	BISS	English
			Didar Global TV Plus	TV	DVB-S	3/4	27.500		Farsi
			Universal Channel Greece	TV	DVB-S	3/4	27.500	Viaccess 4.0	English
			13th Street Poland	TV	DVB-S	3/4	27.500	Viaccess 4.0	Polish
			Hallmark Channel Netherlands	TV	DVB-S	3/4	27.500	Viaccess 4.0	Dutch
			Playhouse Disney Türkiye & Polska	TV	DVB-S	3/4	27.500	Viaccess 4.0	English,Turkish,Polish
D 11.747	H	Europe	<u>Skylogic</u>	package	DVB-S	3/4	27.500		
			Sisal TV 2	TV	DVB-S	3/4	27.500	Xcrypt	Italian
			RTB Virgilio	TV	DVB-S	3/4	27.500		Italian
			Sisal TV 1	TV	DVB-S	3/4	27.500	Xcrypt	Italian
			Myzen	TV	DVB-S	3/4	27.500	Viaccess 2.6	English,French
			Retecomy	TV	DVB-S	3/4	27.500		Italian
			Myzen	TV	DVB-S	3/4	27.500	Conax/Viaccess 2.6/Videoguard	English,French
			HD 1	TV	DVB-S	3/4	27.500		
			Radio Number One	radio	DVB-S	3/4	27.500		Italian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	MHz	Text	Access	Lang.				
				Digital	FEC		MSy/s							
D 11.785	H	Europe	Radio Genius	radio	DVB-S	3/4	27.500			Italian				
			Ros & Ros Selex	radio	DVB-S	3/4	27.500			Italian				
			Ros & Ros	radio	DVB-S	3/4	27.500			Italian				
			<u>KabelKiosk</u>	package	DVB-S2	2/3	27.500	Conax/Videoguard						
			Imusic 1	TV	DVB-S2	2/3	27.500	Conax/Videoguard			German			
			MTV 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,German			
			DMAX Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard			German			
			CNNC 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	TV	DVB-S2	2/3	27.500	Conax/Videoguard			German			
			HSE 24	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard			German			
			Sixx	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard			German			
			Viva 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			
			Nick Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard			German			
			RT English	TV	DVB-S2	2/3	27.500	Conax/Videoguard			English			
			D 11.804	V	Europe	Comedy Central Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard		German	
<u>CET Teleport</u>	package	DVB-S				3/4	27.500							
Star Plus	TV	DVB-S				3/4	27.500			Hindi				
Star Vijay India	TV	DVB-S				3/4	27.500			Tamil				
D 11.823	H	Europe	Star Gold	TV	DVB-S	3/4	27.500			Hindi				
			Channel V International	TV	DVB-S	3/4	27.500			English				
			<u>Skylogic</u>	package	DVB-S	3/4	27.500	Irdeto 2/Mediaguard 2/Viaccess 2.6						
			TVBS Europe	TV	DVB-S	3/4	27.500	Irdeto 2			Cantonese,Chinese			
			TVB Premium Drama	TV	DVB-S	3/4	27.500	Irdeto 2			Chinese			
			TVB Lifestyle	TV	DVB-S	3/4	27.500	Irdeto 2			Chinese			
			TVB Junior	TV	DVB-S	3/4	27.500	Irdeto 2			Chinese			
			TVBN	TV	DVB-S	3/4	27.500	Irdeto 2			Chinese			
			TV 2000	TV	DVB-S	3/4	27.500	BISS			Italian			
			Trace Sports	TV	DVB-S	3/4	27.500	Viaccess 2.6			French			
			La Nuova TV	TV	DVB-S	3/4	27.500				Italian			
			Class News	TV	DVB-S	3/4	27.500				Italian			
			C Music TV	TV	DVB-S	3/4	27.500							
			Radio Studio Sette	radio	DVB-S	3/4	27.500				Italian			
			RTHK Radio 1	radio	DVB-S	3/4	27.500	Irdeto 2						
			Radio Millennium	radio	DVB-S	3/4	27.500				Italian			
			Radio CRC Targato Italia	radio	DVB-S	3/4	27.500				Italian			
			Radio Nostalgia	radio	DVB-S	3/4	27.500				Italian			
Radio Italia Network	radio	DVB-S	3/4	27.500				Italian						
D 11.843	V	Europe	<u>Belgium Satellite Services</u>	package	DVB-S	3/4	27.500							
			Zee TV Russia	TV	DVB-S	3/4	27.500	Irdeto 2			Russian			
			Tamil 24 TV	TV	DVB-S	3/4	27.500				Tamil			
			Luxe TV	TV	DVB-S	3/4	27.500				French,English,German,Italian,Russian,Spanish			
			Zee TV UK	TV	DVB-S	3/4	27.500	Irdeto 2			Hindi			
			Roj TV	TV	DVB-S	3/4	27.500				Kurdish			
			Al Islah TV	TV	DVB-S	3/4	27.500				Arabic			
			Komala TV	TV	DVB-S	3/4	27.500				Kurdish			
			Newroz TV	TV	DVB-S	3/4	27.500				Kurdish			
			Zee Cinema UK	TV	DVB-S	3/4	27.500	Irdeto 2			Hindi			
			MMC TV	TV	DVB-S	3/4	27.500				Kurdish			
			Radio 74	radio	DVB-S	3/4	27.500				English			
			Dengé Mezopotamya	radio	DVB-S	3/4	27.500				Kurdish			
			Radio Vlaanderen Info	radio	DVB-S	3/4	27.500				Dutch			
			Radio Vlaanderen	radio	DVB-S	3/4	27.500				Dutch			
			D 11.861	H	Europe	<u>KabelKiosk</u>	package	DVB-S2	2/3	27.500	Conax/Videoguard			
						Super RTL Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard			German
						RTL 2 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			
Pro Sieben Deutschland	TV	DVB-S2				2/3	Y 27.500	Conax/Videoguard			German,German			
Sat. 1 Deutschland	TV	DVB-S2				2/3	Y 27.500	Conax/Videoguard			German,German			
Kabel Eins Deutschland	TV	DVB-S2				2/3	Y 27.500	Conax/Videoguard			German			
N 24	TV	DVB-S2				2/3	Y 27.500	Conax/Videoguard			German			
9 Live	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			
N-TV	TV	DVB-S2				2/3	Y 27.500	Conax/Videoguard			German			
A 11.881	V	Europe				<u>RSat Global Communications Network</u>	package	DVB-S2	2/3	27.500	Conax/Viaccess 2.6/Viaccess 4.0/Videoguard			
			Penthouse HD	TV	DVB-S2	2/3	27.500	Conax/Videoguard			English			
			FTV HD +6	TV	DVB-S2	2/3	27.500	Conax/Viaccess 2.6/Videoguard						

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 11.919	V	Europe	I-concerts	TV	DVB-S2	2/3	27.500	Viaccess 2.6				
			Mezzo Live HD	TV	DVB-S2	2/3	27.500	Conax/Viaccess 2.6/Viaccess 4.0/Videoguard				
			Bebe TV HD	TV	DVB-S2	2/3	27.500	Conax/Videoguard	English			
			<u>RRsat Global Communications Network</u>	package	DVB-S	3/4	27.500					
			The Karaoke Channel	TV	DVB-S	3/4	27.500	Irdeto 2				
			NLM TV	TV	DVB-S	3/4	27.500		Tamil			
			MTA 3 Al Arabiyah	TV	DVB-S	3/4	27.500		Arabic			
			Lanka TV Neth	TV	DVB-S	3/4	27.500					
			Alanwar TV	TV	DVB-S	3/4	27.500		Arabic			
			EUArmenia	TV	DVB-S	3/4	27.500		Armenian			
			Amrita TV Middle East	TV	DVB-S	3/4	27.500		Malayalam			
			Act TV	TV	DVB-S	3/4	27.500					
			Asianet	TV	DVB-S	3/4	27.500	Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Malayalam			
			Asianet Plus	TV	DVB-S	3/4	27.500	Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Malayalam			
			Nepali TV	TV	DVB-S	3/4	27.500					
			Rainbow	TV	DVB-S	3/4	27.500		Tamil			
			Divine TV	TV	DVB-S	3/4	27.500		English			
			Fox Sports Middle East	TV	DVB-S	3/4	27.500	Viaccess 2.6	English			
			Dan Tamil Oli	TV	DVB-S	3/4	27.500		Tamil			
			SVT World	TV	DVB-S	3/4	27.500	Y 27.500 Viaccess 2.6	Swedish			
			The Israeli Network	TV	DVB-S	3/4	27.500	Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Hebrew			
			Angel TV	TV	DVB-S	3/4	27.500		Tamil			
			Radio All For Peace	radio	DVB-S	3/4	27.500					
			Dan Tamil Radio	radio	DVB-S	3/4	27.500		Tamil			
			SR P4	radio	DVB-S	3/4	27.500		Swedish			
			Radio Sweden	radio	DVB-S	3/4	27.500					
			Radio Eden	radio	DVB-S	3/4	27.500		English			
			VAB Radio	radio	DVB-S	3/4	27.500		Vietnamese			
			D 11.938	H	Europe	<u>GlobeCast</u>	package	DVB-S	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 4.0/BISS	
						Rai Italia 3 Africa	TV	DVB-S	3/4	27.500	Viaccess 2.5	Italian
						Walf TV	TV	DVB-S	3/4	27.500	Viaccess 2.5/Viaccess 4.0	French
						PTV Global UK & Europe	TV	DVB-S	3/4	27.500		Urdu
						TFM	TV	DVB-S	3/4	27.500		French
Fantasy	TV	DVB-S				3/4	27.500	BISS				
Disney Channel Middle East	TV	DVB-S				3/4	27.500	Irdeto 2	Arabic,Greek,English,Turkish			
Radio Walf 2	radio	DVB-S				3/4	27.500	Viaccess 2.5/Viaccess 4.0	French			
RFM	radio	DVB-S				3/4	27.500		French			
Radio Walf 1	radio	DVB-S				3/4	27.500	Viaccess 2.5/Viaccess 4.0	French			
D 11.958	V	Europe				<u>M2</u>	package	DVB-S	3/4	27.500		,Hungarian
						M2	TV	DVB-S	3/4	Y 27.500		Hungarian,Hungarian
						M2	TV	DVB-S	3/4	Y 27.500		Hungarian
						MR 3 Bartók	radio	DVB-S	3/4	27.500		Hungarian
D 11.977	H	Europe				<u>Media Broadcast</u>	package	DVB-S	3/4	27.500	Conax/PowerVu	
			Akubis Classic	TV	DVB-S	3/4	27.500	Conax	German			
			Akubis Direct	TV	DVB-S	3/4	27.500	Conax	German			
D 11.996	V	Europe	<u>GlobeCast</u>	package	DVB-S	3/4	27.500	Cryptoworks/Irdeto 2/Viaccess 3.0				
			Sun TV	TV	DVB-S	3/4	27.500		Tamil			
			Surya TV	TV	DVB-S	3/4	27.500	Irdeto 2	Malayalam			
			Adithya TV	TV	DVB-S	3/4	27.500	Irdeto 2	Tamil			
			Sun Music	TV	DVB-S	3/4	27.500	Irdeto 2	Tamil			
			KTV	TV	DVB-S	3/4	27.500	Irdeto 2	Tamil			
			Sun TV	TV	DVB-S	3/4	27.500	Irdeto 2	Tamil			
			CCTV Arabic	TV	DVB-S	3/4	27.500		Arabic			
			CCTV Russkij	TV	DVB-S	3/4	27.500		Russian			
			CCTV 4 Europe	TV	DVB-S	3/4	27.500		Chinese			
			B4U Movies UAE	TV	DVB-S	3/4	27.500		Hindi			
			MTV Portugal	TV	DVB-S	3/4	27.500	Cryptoworks	Portuguese			
			CCTV E	TV	DVB-S	3/4	27.500		Spanish			
			BBC Entertainment Europe	TV	DVB-S	3/4	27.500	Viaccess 3.0	English			
			D 12.015	H	Europe	<u>KabelKiosk</u>	package	DVB-S2	2/3	27.500	Conax/Videoguard	
UProm TV	TV	DVB-S2				2/3	27.500	Conax/Videoguard	German			
BBC World News	TV	DVB-S2				2/3	Y 27.500	Conax/Videoguard	English			
Bibel TV	TV	DVB-S2				2/3	27.500	Conax/Videoguard	German			
The Poker Channel	TV	DVB-S2				2/3	27.500	Conax/Videoguard	English			
Volksmusik TV	TV	DVB-S2				2/3	27.500	Conax/Videoguard	German			
Sport 1	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			
Luxe TV	TV	DVB-S2				2/3	27.500	Conax/Videoguard	German			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	MHz	Text	Access	Lang.			
				Digital	FEC		MSy/s						
D 12.034	V	Europe	Deutsches Anleger Fernsehen	TV	DVB-S2	2/3	27.500	Conax/Videoguard		German			
			TVE Internacional Europe	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard		Spanish			
			Bloomberg TV Europe	TV	DVB-S2	2/3	27.500	Conax/Videoguard		English			
			QVC Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard		German			
			Tele 5	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard		German			
			Deluxe Music	TV	DVB-S2	2/3	27.500	Conax/Videoguard		German,German			
			<u>Hello HD</u>	package	DVB-S2	3/4	27.500	Conax					
			Private Spice	TV	DVB-S2	3/4	27.500	Conax		English			
			MTV Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			Animal Planet Europe	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			
			Nat Geo Wild Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			Nickelodeon Europe	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			Hir TV	TV	DVB-S2	3/4	Y 27.500	Conax		Hungarian			
			National Geographic Channel Hungary & Czechia	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			FilmBox Extra Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			M1	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			Spektrum TV	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			Viasat 3	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			Discovery Channel Hungary	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			
			Duna I	TV	DVB-S2	3/4	27.500			Hungarian			
			Discovery HD Showcase	TV	DVB-S2	3/4	27.500	Conax		English			
			HBO Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			Jazzradio	radio	DVB-S2	3/4	27.500			Hungarian			
			MR 1 Kossuth	radio	DVB-S2	3/4	27.500			Hungarian			
			A 12.054	H	Europe	<u>Penthouse HD</u>	package	DVB-S2	2/3	27.500	Viaccess 4.0/DRE-Crypt		
						3DV promo	TV	DVB-S2	2/3	27.500			English
						Penthouse HD	TV	DVB-S2	2/3	27.500	Viaccess 4.0/DRE-Crypt		English
Penthouse HD 1	TV	DVB-S2				2/3	27.500	Viaccess 4.0/DRE-Crypt		English			
Penthouse HD 2	TV	DVB-S2				2/3	27.500	Viaccess 4.0/DRE-Crypt		English			
D 12.074	V	Europe	<u>Hello HD</u>	package	DVB-S2	3/4	27.500	Conax/Cryptoworks/Irdeto 2					
			Sport 1 Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			Travel Channel Europe	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			AXN Central Europe	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			Universal Channel Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			Sport Klub Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			Film + Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			Sport 2 Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			Story TV 4	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			
			History HD Europe	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			National Geographic Channel HD UK	TV	DVB-S2	3/4	27.500	Conax		English			
			FilmBox HD Hungary	TV	DVB-S2	3/4	27.500	Conax		English,Hungarian			
			Cool TV	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			Digi Sport Hungary	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			Cinemax Central Europe	TV	DVB-S2	3/4	27.500	Conax		Hungarian			
			MR 2 Petőfi	radio	DVB-S2	3/4	27.500			Hungarian			
			D 12.092	H	Europe	<u>TSA</u>	package	DVB-S	3/4	27.500	KeyFly/Viaccess 2.3/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0		
Disney Cinemagic España +1	TV	DVB-S				3/4	27.500	Viaccess 2.6		Spanish			
Canal Parlamento	TV	DVB-S				3/4	27.500			Spanish			
Iberialia TV	TV	DVB-S				3/4	27.500	KeyFly		Spanish			
Sundance Channel Europe	TV	DVB-S				3/4	27.500	Viaccess 4.0		English,English			
Real Madrid TV English	TV	DVB-S				3/4	27.500			English			
Disney Channel España +1	TV	DVB-S				3/4	27.500	Viaccess 2.6		Spanish			
Música clásica	radio	DVB-S				3/4	27.500						
Música romántica	radio	DVB-S				3/4	27.500						
Canal latino	radio	DVB-S				3/4	27.500						
Música joven	radio	DVB-S				3/4	27.500						
Música ambiental	radio	DVB-S				3/4	27.500						
Grandes éxitos	radio	DVB-S				3/4	27.500						
D 12.130	H	Europe				<u>KabelKiosk</u>	package	DVB-S	3/4	27.500	Conax/Videoguard		

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 12.207	H	Europe	Animax Deutschland	TV	DVB-S	3/4	27.500	Conax/Videoguard	German			
			EuroNews	TV	DVB-S	3/4	27.500	Conax/Videoguard	English,French,Portuguese,Russian,Spanish,Italian			
			Pink Plus	TV	DVB-S	3/4	27.500	Conax/Videoguard	Serbian			
			EuroStar	TV	DVB-S	3/4	27.500	Conax/Videoguard	Turkish			
			RTR Planeta	TV	DVB-S	3/4	27.500	Conax/Videoguard	Russian			
			Body in Balance Germany	TV	DVB-S	3/4	27.500	Conax/Videoguard	German			
			Perviy kanal Europa	TV	DVB-S	3/4	27.500	Conax/Videoguard	Russian			
			Lig TV	TV	DVB-S	3/4	27.500	Conax/Videoguard	Turkish			
			Kinowelt TV	TV	DVB-S	3/4	27.500	Conax/Videoguard	German			
			France 24 English	TV	DVB-S	3/4	27.500		English			
			<u>Platforma DV</u>	package	DVB-S2	2/3	27.500	DRE-Crypt				
			Muz TV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Ohota i Rybalka Stream	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			
			RBK TV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			365 dnei TV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			REN TV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Kanal Teleputeshstviya	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Kinopokaz	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			24 Techno	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			TNT	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			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			
			Rossiya K	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Rossiya 2	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			NTV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Rossiya 1	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Perviy kanal	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Rossiya 24	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			Komedia TV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian			
			<u>Arqiva</u>	package	DVB-S2	3/4	27.500	Viaccess 4.0				
			Playhouse Disney Türkiye & Polska	TV	DVB-S2	3/4	27.500	Viaccess 4.0	English,Turkish,Polish			
			A 12.284	H	Europe	<u>KabelKiosk</u>	package	DVB-S2	2/3	27.500	Conax/Videoguard	
						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
						Sat. 1 Deutschland	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
			A 12.303	V	Europe	Kabel Eins Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
<u>Platforma HD</u>	package	DVB-S2				2/3	26.400	DRE-Crypt				
Kinopokaz HD 1	TV	DVB-S2				2/3	26.400	DRE-Crypt	Russian,Russian			
Zhenskiy Mir	TV	DVB-S2				2/3	26.400	DRE-Crypt	Russian			
Kanal Teleputeshstviya HD	TV	DVB-S2				2/3	26.400	DRE-Crypt	Russian			
Kinopokaz HD 2	TV	DVB-S2				2/3	26.400	DRE-Crypt	Russian,Russian			
High Life	TV	DVB-S2				2/3	26.400	DRE-Crypt	Russian			
HD Life	TV	DVB-S2	2/3	26.400	DRE-Crypt	Russian						
D 12.322	H	Europe	<u>KabelKiosk</u>	package	DVB-S	3/4	27.500	Conax/Videoguard				
			TRT Türk	TV	DVB-S	3/4	27.500	Conax/Videoguard	Turkish			
			Euro D	TV	DVB-S	3/4	27.500	Conax/Videoguard	Turkish			
			Kanal 7 Avrupa	TV	DVB-S	3/4	27.500	Conax/Videoguard	Turkish			
			NTV Avrupa	TV	DVB-S	3/4	27.500	Conax/Videoguard	Turkish			
			Show Turk	TV	DVB-S	3/4	27.500	Conax/Videoguard	Turkish			
			Rai 1	TV	DVB-S	3/4	27.500	Conax/Videoguard	Italian			
			Rai 2	TV	DVB-S	3/4	27.500	Conax/Videoguard	Italian			
			ATV Avrupa	TV	DVB-S	3/4	27.500	Conax/Videoguard	Turkish			
			TVP Polonia	TV	DVB-S	3/4	27.500	Conax/Videoguard	Polish			
			TürkMax	TV	DVB-S	3/4	27.500	Conax/Videoguard	Turkish			
			Rai 3	TV	DVB-S	3/4	27.500	Conax/Videoguard	Italian			
			D 12.360	H	Europe	<u>KabelKiosk</u>	package	DVB-S	3/4	27.500	Conax/Videoguard	
Rush HD	TV	DVB-S				3/4	27.500	Conax/Videoguard	English			
Animal Planet Deutschland	TV	DVB-S				3/4	27.500	Conax/Videoguard	German			
Trace Tropical	TV	DVB-S				3/4	27.500	Conax/Videoguard	French			
Auto Motor und Sport	TV	DVB-S				3/4	27.500	Conax/Videoguard	German			
Travel Channel Deutschland	TV	DVB-S				3/4	27.500	Conax/Videoguard	German,English			
Mediaset Italia	TV	DVB-S				3/4	27.500	Conax/Videoguard	Italian			
Yacht & Sail International	TV	DVB-S				3/4	27.500	Conax/Videoguard	German,English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
A 12.380	V	Europe	Hustler TV Deutschland	TV	DVB-S	3/4	27.500	Conax/Videoguard	German
			Lust Pur	TV	DVB-S	3/4	27.500	Conax/Videoguard	German
			KabelKiosk infokanal	TV	DVB-S	3/4	27.500		German
			ITVN Europe	TV	DVB-S	3/4	27.500	Conax/Videoguard	Polish
			C Music TV	TV	DVB-S	3/4	27.500	Conax/Videoguard	
			<u>Platforma HD</u>	package	DVB-S2	2/3	26.400	DRE-Crypt	
			Sport 1	TV	DVB-S2	2/3	26.400	DRE-Crypt	Russian
			MTVN HD	TV	DVB-S2	2/3	26.400	DRE-Crypt	English,English
			Nat Geo Wild HD Europe	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
			Eurosport	TV	DVB-S2	2/3	26.400	DRE-Crypt	Russian
			HD Sport	TV	DVB-S2	2/3	26.400	DRE-Crypt	Russian
			Platforma HD promo	TV	DVB-S2	2/3	26.400		Russian
			D 12.399	H	Europe	<u>KabelKiosk</u>	package	DVB-S	3/4
TNT Film	TV	DVB-S				3/4	27.500	Conax/Videoguard	German,English
Cartoon Network Deutschland	TV	DVB-S				3/4	27.500	Conax/Videoguard	German,English
The Biography Channel Deutschland	TV	DVB-S				3/4	27.500	Conax/Videoguard	German
Fuel TV	TV	DVB-S				3/4	27.500	Conax/Videoguard	English
National Geographic Channel Deutschland	TV	DVB-S				3/4	27.500	Conax/Videoguard	German,English
Boomerang Deutschland	TV	DVB-S				3/4	27.500	Conax/Videoguard	German,English
AXN Deutschland	TV	DVB-S				3/4	27.500	Conax/Videoguard	German,English
Motors TV	TV	DVB-S				3/4	27.500	Conax/Videoguard	German,English
History Deutschland	TV	DVB-S				3/4	27.500	Conax/Videoguard	German
Silverline Movie Channel	TV	DVB-S				3/4	27.500	Conax/Videoguard	German
Syfy Deutschland	TV	DVB-S				3/4	27.500	Conax/Videoguard	German
13th Street Deutschland	TV	DVB-S				3/4	27.500	Conax/Videoguard	German
D 12.437	H	Europe				<u>KabelKiosk</u>	package	DVB-S	3/4
			BBC Entertainment Europe	TV	DVB-S	3/4	27.500	Conax/Videoguard	English
			VH1 Classic Europe	TV	DVB-S	3/4	27.500	Conax/Videoguard	English
			Your Family Entertainment	TV	DVB-S	3/4	27.500	Conax/Videoguard	German
			Romance TV	TV	DVB-S	3/4	27.500	Conax/Videoguard	German
			Nick Jr Deutschland	TV	DVB-S	3/4	27.500	Conax/Videoguard	German,English,French,Spanish,Russian,Polish,Swedish,Dutch
			Discovery Channel Deutschland	TV	DVB-S	3/4	27.500	Conax/Videoguard	German
			Gute Laune TV	TV	DVB-S	3/4	27.500	Conax/Videoguard	German
			MTV Entertainment	TV	DVB-S	3/4	27.500	Conax/Videoguard	German
			Sportdigital TV	TV	DVB-S	3/4	27.500	Conax/Videoguard	German
			E! Deutschland	TV	DVB-S	3/4	27.500	Conax/Videoguard	German,German,Polish,Turkish

EUROBIRD™ 16 (16°EAST)

D 10.719	V	Wide	<u>DigitAlb</u>	package	DVB-S	3/4	27.500	Conax				
			ABC News	TV	DVB-S	3/4	27.500	Conax	Albanian			
			X4	TV	DVB-S	3/4	27.500	Conax	Albanian			
			Cartoon Network Central & Eastern Europe	TV	DVB-S	3/4	27.500	Conax	English			
			X3	TV	DVB-S	3/4	27.500	Conax	Albanian			
			Koha TV	TV	DVB-S	3/4	27.500		Albanian			
			Tirana TV	TV	DVB-S	3/4	27.500	Conax	Albanian			
			SuperSport HD 1	TV	DVB-S	3/4	27.500	Conax	Albanian			
			SuperSport HD 2	TV	DVB-S	3/4	27.500	Conax	Albanian			
			National Geographic Channel România	TV	DVB-S	3/4	27.500	Conax	English			
			Fox Crime Regional	TV	DVB-S	3/4	27.500	Conax	English			
			Fox Life Regional	TV	DVB-S	3/4	27.500	Conax	English			
			The MGM Channel East Europe	TV	DVB-S	3/4	27.500	Conax	English			
			Travel Channel Europe	TV	DVB-S	3/4	27.500	Conax	English			
			Nat Geo Wild Romania	TV	DVB-S	3/4	27.500	Conax	English			
			TCM Central & Eastern Europe	TV	DVB-S	3/4	27.500	Conax	English			
			Supersonic TV	TV	DVB-S	3/4	27.500	Conax	Albanian			
			D 10.727	H	Madagascar	<u>CanalSat Réunion</u>	package	DVB-S	3/4	30.000	Mediaguard 2	
						M6	TV	DVB-S	3/4	30.000	Mediaguard 2	French
Canal + Sport Réunion	TV	DVB-S				3/4	30.000	Mediaguard 2	French			
Télé Réunion	TV	DVB-S				3/4	30.000	Mediaguard 2	French			
Zing UK	TV	DVB-S				3/4	30.000	Mediaguard 2	Hindi			
Cinecinema Famiz	TV	DVB-S				3/4	30.000	Mediaguard 2	French			
Cartoon Network France	TV	DVB-S				3/4	30.000	Mediaguard 2	French			
Cinecinema Émotion	TV	DVB-S	3/4	30.000	Mediaguard 2	French						

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text	Access	Lang.			
				Digital	FEC	MHz				MSy/s		
D 10.758	V	Wide	Canal + Family	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
			Canal + Cinéma Réunion	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
			Cinecinema Premier	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
			Equidia	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
			TF 1	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
			TF 6	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
			Disney XD France	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
			Cinecinema Frisson	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
			Canal + Réunion	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
			Radio Réunion	radio	DVB-S	3/4	30.000	Mediaguard 2	French			
			Radio France Internationale	radio	DVB-S	3/4	30.000	Mediaguard 2	French			
			France Vivace	radio	DVB-S	3/4	30.000	Mediaguard 2	French			
			RFM	radio	DVB-S	3/4	30.000	Mediaguard 2	French			
			Le Mouv'	radio	DVB-S	3/4	30.000	Mediaguard 2	French			
			France Info	radio	DVB-S	3/4	30.000	Mediaguard 2	French			
			Jazz Radio	radio	DVB-S	3/4	30.000	Mediaguard 2	French			
			<u>DigitAlb</u>	package	DVB-S	7/8	27.500	Conax				
			Klan Kosova	TV	DVB-S	7/8	27.500	Conax		Albanian		
			RTV 21 Sat	TV	DVB-S	7/8	27.500	Conax		Albanian		
			Kohavision	TV	DVB-S	7/8	27.500	Conax		Albanian		
			SuperSport 1	TV	DVB-S	7/8	Y 27.500	Conax		Albanian		
			TVSH	TV	DVB-S	7/8	27.500	Conax		Albanian		
			ABC News	TV	DVB-S	7/8	27.500	Conax		Albanian		
			MusicAl	TV	DVB-S	7/8	27.500	Conax		Albanian		
			Digi Gold	TV	DVB-S	7/8	27.500	Conax		Albanian		
News 24	TV	DVB-S	7/8	Y 27.500	Conax		Albanian					
TV Klan	TV	DVB-S	7/8	27.500	Conax		Albanian					
SuperSport 5	TV	DVB-S	7/8	27.500	Conax		Albanian					
SuperSport 4	TV	DVB-S	7/8	27.500	Conax		Albanian					
SuperSport 3	TV	DVB-S	7/8	27.500	Conax		Albanian					
SuperSport 2	TV	DVB-S	7/8	27.500	Conax		Albanian					
Ora News	TV	DVB-S	7/8	27.500	Conax		Albanian					
Radio Klan	radio	DVB-S	7/8	27.500								
D 10.796	V	Wide	<u>Total TV</u>	package	DVB-S	3/4	30.000	Conax/Cryptoworks/Videoguard				
			PV TV	TV	DVB-S	3/4	30.000	Conax/Cryptoworks/Videoguard	Bulgarian			
			BTV Comedy	TV	DVB-S	3/4	30.000	Conax/Cryptoworks/Videoguard	Bulgarian			
			Nova Sport	TV	DVB-S	3/4	30.000	Conax/Cryptoworks/Videoguard	Bulgarian			
			AXN Bulgaria	TV	DVB-S	3/4	30.000	Conax/Cryptoworks/Videoguard	Bulgarian			
			Planeta TV	TV	DVB-S	3/4	30.000	Conax/Cryptoworks/Videoguard	Bulgarian			
			TVCG 1	TV	DVB-S	3/4	30.000	Videoguard	Serbian			
			DSTV	TV	DVB-S	3/4	30.000		Bulgarian			
			Zone Reality Europe	TV	DVB-S	3/4	30.000	Videoguard	English			
			OBN	TV	DVB-S	3/4	Y 30.000	Videoguard	Bosnian			
			Motors TV	TV	DVB-S	3/4	30.000	Videoguard	English,Serbian			
			MTV Srbija	TV	DVB-S	3/4	Y 30.000	Videoguard	Serbian			
			Diva Universal Romania	TV	DVB-S	3/4	30.000	Conax/Cryptoworks/Videoguard	Romanian			
			D 10.813	H	Madagascar	<u>CanalSat Réunion</u>	package	DVB-S	5/6	27.500	Mediaguard 2	
						Action	TV	DVB-S	5/6	27.500	Mediaguard 2	French
Seasons	TV	DVB-S				5/6	27.500	Mediaguard 2	French			
Zee TV UK	TV	DVB-S				5/6	27.500	Mediaguard 2	Hindi			
TF 1	TV	DVB-S				5/6	27.500	Mediaguard 2	French			
Canal + France	TV	DVB-S				5/6	27.500	Mediaguard 2	French			
Zee Cinema UK	TV	DVB-S				5/6	27.500	Mediaguard 2	Hindi			
Ushuaïa TV	TV	DVB-S				5/6	27.500	Mediaguard 2	French			
Extreme Sports Channel	TV	DVB-S				5/6	27.500	Mediaguard 2				
Private Spice	TV	DVB-S				5/6	27.500	Mediaguard 2	English			
National Geographic Channel France	TV	DVB-S				5/6	27.500	Mediaguard 2	French			
Planète No Limit	TV	DVB-S				5/6	27.500	Mediaguard 2	French			
D 10.834	V	Wide				<u>Total TV</u>	package	DVB-S	5/6	27.500	Conax/Cryptoworks/Videoguard	
						HBO Adria	TV	DVB-S	5/6	Y 27.500	Conax/Cryptoworks/Videoguard	Serbian,Croatian,Slovenian,Bulgarian,English
						Prva Srpska TV	TV	DVB-S	5/6	27.500	Videoguard	Serbian
			Golf Klub	TV	DVB-S	5/6	27.500	Videoguard	Serbian,Croatian,Slovenian			
			Federalna TV	TV	DVB-S	5/6	Y 27.500	Videoguard	Bosnian			
			Alternativna TV	TV	DVB-S	5/6	Y 27.500	Videoguard	Serbian			
			Universal Channel Hungary	TV	DVB-S	5/6	27.500	Videoguard	English			
			Cinemax 2 Central Europe	TV	DVB-S	5/6	27.500	Conax/Cryptoworks/Videoguard	Serbian,Slovenian,Croatian,Bulgarian			
			TV Avala	TV	DVB-S	5/6	Y 27.500	Videoguard	Serbian			
			HBO Comedy Adria	TV	DVB-S	5/6	Y 27.500	Conax/Cryptoworks/Videoguard	Serbian,Slovenian,Croatian,Bulgarian			
			Top Shop TV Serbia	TV	DVB-S	5/6	27.500	Videoguard	Serbian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text	Access	Lang.			
				Digital	FEC	MHz						
D 10.853	H	Madagascar	Sport Klub + South East Europe	TV	DVB-S	5/6	27.500	Videoguard	Serbian,Slovenian,Croatian			
			RTRS TV	TV	DVB-S	5/6	Y 27.500	Videoguard	Serbian			
			History Europe	TV	DVB-S	5/6	27.500	Conax/Cryptoworks/Videoguard	English			
			TV Kopernikus	TV	DVB-S	5/6	27.500		Serbian			
			<u>CanalSat Réunion</u>	package	DVB-S	3/4	30.000	Mediaguard 2				
			Motors TV	TV	DVB-S	3/4	30.000	Mediaguard 2	French,English			
			XXL	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
			Playhouse Disney France	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
			MCM Pop	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
			Disney Cinemagic France	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
			Téva	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
			MTV France	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
			EuroNews	TV	DVB-S	3/4	30.000	Mediaguard 2	French,German,Spanish,English,Italian,Russian			
			Sport +	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
			+ de Sport	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
D 10.873	V	Wide	Télé Maison	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
			BBC World News	TV	DVB-S	3/4	30.000	Mediaguard 2	English			
			LCP	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
			Antenne Réunion	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
			Cuisine TV	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
			Game One	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
			Kanal Austral	TV	DVB-S	3/4	30.000	Mediaguard 2	French			
			<u>Total TV</u>	package	DVB-S	5/6	27.500	Irdeto 2/Videoguard				
			Ultra	TV	DVB-S	5/6	27.500	Videoguard	Serbian			
			Cinemanía	TV	DVB-S	5/6	27.500	Videoguard	Serbian			
			B92 Info kanal	TV	DVB-S	5/6	27.500	Videoguard	Serbian			
			Disney XD Middle East	TV	DVB-S	5/6	27.500	Videoguard	English			
			RTS 2	TV	DVB-S	5/6	Y 27.500	Videoguard	Serbian			
			RTS 1	TV	DVB-S	5/6	Y 27.500	Videoguard	Serbian			
			Happy TV	TV	DVB-S	5/6	Y 27.500	Videoguard	Serbian			
Film + Serbia	TV	DVB-S	5/6	27.500	Videoguard	Serbian						
Sport Klub Serbia	TV	DVB-S	5/6	Y 27.500	Videoguard	Serbian						
DoQ South East Europe	TV	DVB-S	5/6	27.500	Videoguard	English						
TV B92	TV	DVB-S	5/6	Y 27.500	Videoguard	Serbian						
Studio B	TV	DVB-S	5/6	27.500	Videoguard	Serbian						
Enter TV	TV	DVB-S	5/6	Y 27.500	Videoguard	Serbian						
B92 FM	radio	DVB-S	5/6	27.500	Videoguard	Serbian						
Radio Studio B	radio	DVB-S	5/6	27.500		Serbian						
D 10.892	H	Wide	<u>Total TV</u>	package	DVB-S	3/4	27.500	Videoguard				
			Pop TV	TV	DVB-S	3/4	Y 27.500	Videoguard	Slovenian			
			Kanal A	TV	DVB-S	3/4	Y 27.500	Videoguard	Slovenian			
			Pop Brio	TV	DVB-S	3/4	Y 27.500	Videoguard	Slovenian			
			TV 3 Slovenija	TV	DVB-S	3/4	Y 27.500	Videoguard	Slovenian			
			Golica TV	TV	DVB-S	3/4	27.500		Slovenian			
			Sport Klub Slovenija	TV	DVB-S	3/4	27.500	Videoguard	Slovenian			
			BHT 1	TV	DVB-S	3/4	27.500	Videoguard	Bosnian			
			TV Slovenija 1	TV	DVB-S	3/4	27.500	Videoguard	Slovenian			
			Info TV	TV	DVB-S	3/4	27.500		Slovenian			
			Carli TV	TV	DVB-S	3/4	27.500		Slovenian			
			TV Slovenija 2	TV	DVB-S	3/4	27.500	Videoguard	Slovenian			
			Radio 1	radio	DVB-S	3/4	27.500		Slovenian			
			D 10.911	V	Wide	<u>Sony Pictures TV International</u>	package	DVB-S	5/6	27.500	PowerVu/Viaccess 2.6/Viaccess 3.0/Videoguard	
						AXN Romania	TV	DVB-S	5/6	Y 27.500	PowerVu	Romanian,Hungarian,Czech,English
AXN Sci-Fi Polska	TV	DVB-S				5/6	27.500	PowerVu	Polish,English			
AXN Czech Republic	TV	DVB-S				5/6	27.500	PowerVu	Czech,English			
AXN Adria	TV	DVB-S				5/6	27.500	Viaccess 3.0/Videoguard	English			
Animax South Africa	TV	DVB-S				5/6	27.500	PowerVu	English			
AXN Crime Polska	TV	DVB-S				5/6	27.500	PowerVu	Polish,English			
Animax Deutschland	TV	DVB-S				5/6	27.500	PowerVu	German,English			
AXN Central Europe	TV	DVB-S				5/6	Y 27.500	PowerVu	Hungarian,Czech,Bulgarian,Polish			
AXN Polska	TV	DVB-S				5/6	Y 27.500	PowerVu	Polish,English			
AXN Deutschland	TV	DVB-S				5/6	27.500	Viaccess 2.6	English,German			
AXN Sci-Fi	TV	DVB-S				5/6	27.500	PowerVu	Hungarian,Bulgarian,Polish,Romanian,Czech			
AXN Crime	TV	DVB-S				5/6	27.500	PowerVu	Hungarian,Bulgarian,Polish,Romanian,Czech			
AXN Bulgaria	TV	DVB-S				5/6	27.500	PowerVu	Bulgarian,English			
D 10.930	H	Wide				<u>Total TV</u>	package	DVB-S	3/4	27.500	Videoguard	
			SOS Kanal	TV	DVB-S	3/4	27.500		Serbian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Text MSy/s	Access	Lang.
				Audio MHz	FEC			
			TV Palma Plus	TV	DVB-S	3/4	27.500 Videoguard	Serbian
			ESPN America Europe	TV	DVB-S	3/4	27.500 Videoguard	English
			Investigation Discovery Europe	TV	DVB-S	3/4	27.500 Videoguard	English
			Sport Klub Croatia	TV	DVB-S	3/4	27.500 Videoguard	Croatian
			TV Alfa	TV	DVB-S	3/4	27.500 Videoguard	Bosnian
			TV Metropolis	TV	DVB-S	3/4	27.500 Videoguard	Serbian
			Disney Channel Polska	TV	DVB-S	3/4	27.500 Videoguard	English
			Eurosport 2 North-East	TV	DVB-S	3/4	27.500 Videoguard	Serbian,English

W2A (10°EAST)

D 11.221	V	Europe	<u>Multi-Channel BFBS</u>	package	DVB-S	3/4	27.500 Cryptoworks	
			BFBS 4	TV	DVB-S	3/4	Y 27.500 Cryptoworks	English
			Nepali TV	TV	DVB-S	3/4	27.500 Cryptoworks	
			BFBS 1 Day Later	TV	DVB-S	3/4	Y 27.500 Cryptoworks	English
			Sky News UK	TV	DVB-S	3/4	27.500 Cryptoworks	English
			Q	TV	DVB-S	3/4	Y 27.500 Cryptoworks	English
			Sky Sports 1 UK	TV	DVB-S	3/4	Y 27.500 Cryptoworks	English
			BFBS 3 Kids	TV	DVB-S	3/4	Y 27.500 Cryptoworks	English
			BFBS 2	TV	DVB-S	3/4	Y 27.500 Cryptoworks	English
			BFBS 1	TV	DVB-S	3/4	Y 27.500 Cryptoworks	English
			Sky Sports 2 UK	TV	DVB-S	3/4	Y 27.500 Cryptoworks	English
			BFBS Radio Cyprus	radio	DVB-S	3/4	27.500	English
			BFBS Radio Balkans	radio	DVB-S	3/4	27.500	English
			BFBS Radio Middle East	radio	DVB-S	3/4	27.500	English
			BFBS Radio Germany	radio	DVB-S	3/4	27.500 Cryptoworks	English
			BFBS Radio Germany	radio	DVB-S	3/4	27.500	English
			BFBS Radio Afghanistan	radio	DVB-S	3/4	27.500	English
			BFBS Radio Gibraltar	radio	DVB-S	3/4	27.500 Cryptoworks	English
			BFBS Radio Northern Ireland	radio	DVB-S	3/4	27.500	English
			BFBS Radio Navy	radio	DVB-S	3/4	27.500	English
			BFBS Gurkha Radio	radio	DVB-S	3/4	27.500	
			BFBS Radio 2	radio	DVB-S	3/4	27.500 Cryptoworks	English
D 11.305	V	Europe	<u>EBU</u>	package	DVB-S2	5/6	30.000	
			Chelsea TV	TV	DVB-S2	5/6	30.000	English
			Premier League TV	TV	DVB-S2	5/6	30.000 BISS	English
			NBA TV	TV	DVB-S2	5/6	30.000	English
D 11.595	V	Europe	HughesNet Europe	interacti	DVB-S2	1/2	30.000	
D 11.638	H	Africa	<u>France TV</u>	package	DVB-S2	?	30.000 Viaccess	
			ARTE Français	TV	DVB-S2	?	30.000 Viaccess	French
			France 2	TV	DVB-S2	?	30.000 Viaccess	French
			France Ô	TV	DVB-S2	?	30.000 Viaccess	French
			France 5	TV	DVB-S2	?	30.000 Viaccess	French
			France 4	TV	DVB-S2	?	30.000 Viaccess	French
			France 3 Sat	TV	DVB-S2	?	30.000 Viaccess	French
			France 2	TV	DVB-S2	?	30.000 Viaccess	French
			France 24 Français	TV	DVB-S2	?	Y 30.000 Viaccess	French
			Antenne Réunion	TV	DVB-S2	?	30.000 Viaccess	French
			Télé Mayotte	TV	DVB-S2	?	30.000 Viaccess	French
			ARTE Français	TV	DVB-S2	?	30.000 Viaccess	French
			Télé Réunion	TV	DVB-S2	?	30.000 Viaccess	French
			France Ô	TV	DVB-S2	?	30.000 Viaccess	French
			France Info	radio	DVB-S2	?	30.000 Viaccess	French
			France Inter	radio	DVB-S2	?	30.000 Viaccess	French
			Radio France Internationale	radio	DVB-S2	?	30.000 Viaccess	
			Le Mouv'	radio	DVB-S2	?	30.000 Viaccess	French
			Radio Mayotte	radio	DVB-S2	?	30.000 Viaccess	French
			Radio Réunion	radio	DVB-S2	?	30.000 Viaccess	French
			Radio Ô	radio	DVB-S2	?	30.000 Viaccess	French
			France Culture	radio	DVB-S2	?	30.000 Viaccess	French

W3A (7°EAST)

D 10.721	H	Europe B	<u>IVG</u>	package	DVB-S	3/4	22.000	
			BBC Persian	TV	DVB-S	3/4	22.000	Farsi
			Simay-Azadi Iran National TV	TV	DVB-S	3/4	22.000	Farsi
			Rang-A-Rang TV	TV	DVB-S	3/4	22.000	Farsi
			Pars TV	TV	DVB-S	3/4	22.000	Farsi
			Farsi 1	TV	DVB-S	3/4	22.000	Farsi
			GünAz TV	TV	DVB-S	3/4	22.000	Azerbaijan

4 November 2010

Page 42 of 71

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 MSy/s	Access	Lang.
				Digital	FEC				
			VoA TV Persian	TV	DVB-S	3/4	22.000		Farsi
			Rasa Radio	radio	DVB-S	3/4	22.000		Farsi
			Voice of Mojahed	radio	DVB-S	3/4	22.000		Farsi
			Radio Farda	radio	DVB-S	3/4	22.000		Farsi
			EPersian Radio	radio	DVB-S	3/4	22.000		Farsi
A 10.845	H	Europe B	Fox Sports Turkey	TV	DVB-S2	5/6	30.000	Irdeto 2	English
A 10.845	H	Europe B	Nat Geo Wild HD Europe	TV	DVB-S2	5/6	30.000	Irdeto 2	English
A 10.845	H	Europe B	Lig TV Ticari	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
A 10.845	H	Europe B	<u>DigiTurk</u>	package	DVB-S2	5/6	30.000	Irdeto 2	
D 10.845	V	Europe B	CNN International Europe	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	English
D 10.845	V	Europe B	VH1 Europe A	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	English
D 10.845	V	Europe B	Extreme Sports Channel	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	English
D 10.845	V	Europe B	EuroNews	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	English,German,French,Spanish,Italian,Russian,Portuguese,Arabic,Turkish
D 10.845	V	Europe B	BBC Entertainment Europe	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	English
D 10.845	V	Europe B	Cine 5	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
D 10.845	V	Europe B	Mezzo	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	French
D 10.845	V	Europe B	BBC World News	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	English
D 10.845	V	Europe B	MCM Top	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	French
D 10.845	V	Europe B	Fashion TV Europe	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
D 10.845	V	Europe B	<u>DigiTurk</u>	package	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
A 10.887	V	Europe B	SporMax	TV	DVB-S2	5/6	30.000	Cryptoworks/Irdeto 2	Turkish
A 10.887	V	Europe B	DiziMax	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
A 10.887	V	Europe B	Lig TV	TV	DVB-S2	5/6	30.000	Cryptoworks/Irdeto 2	Turkish
A 10.887	V	Europe B	Moviemax Premier HD	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
A 10.887	V	Europe B	<u>DigiTurk</u>	package	DVB-S2	5/6	30.000	Cryptoworks/Irdeto 2	
			Eurosport	TV	DVB-S2	5/6	30.000	Cryptoworks/Irdeto 2	Turkish,English
A 10.887	H	Europe B	Penthouse HD	TV	DVB-S2	5/6	30.000	Irdeto 2	English
A 10.887	H	Europe B	Premier League World	TV	DVB-S2	5/6	30.000	Irdeto 2	
A 10.887	H	Europe B	DiziMaxMore	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
A 10.887	H	Europe B	National Geographic Channel HD UK	TV	DVB-S2	5/6	30.000	Cryptoworks/Irdeto 2	Turkish,English
A 10.887	H	Europe B	Moviemax Stars HD	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
A 10.887	H	Europe B	<u>DigiTurk</u>	package	DVB-S2	5/6	30.000	Cryptoworks/Irdeto 2	
D 10.928	H	Europe B	Perviy kanal Europa	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Russian
D 10.928	H	Europe B	Wedding TV Polska	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English
D 10.928	H	Europe B	Al Jazeera English	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	English
D 10.928	H	Europe B	TV 5 Monde Europe	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	French
D 10.928	H	Europe B	BabyFirst TV	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English
D 10.928	H	Europe B	Bloomberg TV Europe	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	English
D 10.928	H	Europe B	Rai 1	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Italian
D 10.928	H	Europe B	Saudi Arabian TV 1	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Arabic
D 10.928	H	Europe B	France 24 English	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	English
D 10.928	H	Europe B	Pro Sieben Schweiz	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	German
D 10.928	H	Europe B	<u>DigiTurk</u>	package	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
D 10.928	H	Europe B	Masal TV	interacti	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
D 10.928	H	Europe B	Digiturk Teknik Servis	interacti	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
D 10.928	H	Europe B	Mobiwar	interacti	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
D 10.928	H	Europe B	Yemek Sepeti	interacti	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
D 10.928	V	Europe B	ORTB TV	TV	DVB-S	3/4	27.500		French
D 10.928	V	Europe B	Touba TV	TV	DVB-S	3/4	27.500		French
D 10.928	V	Europe B	Eurosport 2 North-East	TV	DVB-S	3/4	27.500	Viaccess 3.0/Viaccess 4.0	English
D 10.928	V	Europe B	Mix	radio	DVB-S	3/4	27.500		
D 10.928	V	Europe B	Bobar Radio	radio	DVB-S	3/4	27.500		Serbian
D 10.928	V	Europe B	Radio Ethiopia National Service	radio	DVB-S	3/4	27.500		Amharic
D 10.928	V	Europe B	Classic	radio	DVB-S	3/4	27.500		
D 10.928	V	Europe B	Soft Pop	radio	DVB-S	3/4	27.500		
D 10.928	V	Europe B	Cocktail	radio	DVB-S	3/4	27.500		
D 10.928	V	Europe B	Radio Parakou	radio	DVB-S	3/4	27.500		French
D 10.928	V	Europe B	Radio Nationale	radio	DVB-S	3/4	27.500		French
D 10.928	V	Europe B	Chartbusters Radio	radio	DVB-S	3/4	27.500		English
D 10.928	V	Europe B	Hits Online	radio	DVB-S	3/4	27.500		
D 10.928	V	Europe B	Gold	radio	DVB-S	3/4	27.500		
D 10.928	V	Europe B	I.D.	radio	DVB-S	3/4	27.500		
D 10.928	V	Europe B	<u>OpenSky</u>	package	DVB-S	3/4	27.500		
D 10.928	V	Europe B	OpenSky	interacti	DVB-S	3/4	27.500		
			ETV 2	TV	DVB-S	3/4	27.500		Amharic
D 11.262	H	Europe A	OpenSky	interacti	DVB-S	3/4	27.500		
D 11.283	V	Europe A	<u>GlobeCast</u>	package	DVB-S	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	
			Eurosport 2	TV	DVB-S	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	MHz	Text	Access	Lang.
				Digital	FEC	M	MSy/s			
			M6 Suisse	TV	DVB-S	3/4	Y 27.500			French
			Eurosport	TV	DVB-S	3/4	27.500	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0		English,German,French
			Eurosport News	TV	DVB-S	3/4	27.500	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0		English,Russian
			RFI Diverse 7	radio	DVB-S	3/4	27.500			
			RFI Français	radio	DVB-S	3/4	27.500			French
			RFI Langues Est	radio	DVB-S	3/4	27.500			
			RFI Langues Diverse	radio	DVB-S	3/4	27.500			
			RFI Afrique	radio	DVB-S	3/4	27.500			
			RFI Diverse 2	radio	DVB-S	3/4	27.500			
			Monte Carlo Doualiya	radio	DVB-S	3/4	27.500			Arabic
			RFI Diverse 1	radio	DVB-S	3/4	27.500			
			Buffalo Grill	radio	DVB-S	3/4	27.500	Viaccess 2.5		
			RFI Diverse 3	radio	DVB-S	3/4	27.500			
			RFI Latine	radio	DVB-S	3/4	27.500			
			RFI Diverse 4	radio	DVB-S	3/4	27.500			
			RFI Musique	radio	DVB-S	3/4	27.500			
			RFI Français	radio	DVB-S	3/4	27.500			French
			RFI Langues 1	radio	DVB-S	3/4	27.500			
			RFI Diverse 6	radio	DVB-S	3/4	27.500			
D 11.324	V	Europe A	Multi-Channel BFBS	package	DVB-S	2/3	27.500	Cryptoworks		
			BFBS 2	TV	DVB-S	2/3	Y 27.500	Cryptoworks		English
			BFBS 3 Kids	TV	DVB-S	2/3	Y 27.500	Cryptoworks		English
			BFBS 1 Day Later	TV	DVB-S	2/3	Y 27.500	Cryptoworks		English
			Sky News UK	TV	DVB-S	2/3	27.500	Cryptoworks		English
			BFBS 1	TV	DVB-S	2/3	Y 27.500	Cryptoworks		English
			Q	TV	DVB-S	2/3	Y 27.500	Cryptoworks		English
			Sky Sports 2 UK	TV	DVB-S	2/3	Y 27.500	Cryptoworks		English
			Sky Sports 1 UK	TV	DVB-S	2/3	Y 27.500	Cryptoworks		English
			BFBS 4	TV	DVB-S	2/3	Y 27.500	Cryptoworks		English
			Nepali TV	TV	DVB-S	2/3	27.500	Cryptoworks		
			BFBS Radio Middle East	radio	DVB-S	2/3	27.500			English
			BFBS Radio Cyprus	radio	DVB-S	2/3	27.500			English
			BFBS Radio Germany	radio	DVB-S	2/3	27.500	Cryptoworks		English
			BFBS Radio 2	radio	DVB-S	2/3	27.500	Cryptoworks		English
			BFBS Radio Germany	radio	DVB-S	2/3	27.500			English
			BFBS Radio Balkans	radio	DVB-S	2/3	27.500			English
			BFBS Radio Afghanistan	radio	DVB-S	2/3	27.500			English
			BFBS Radio Gibraltar	radio	DVB-S	2/3	27.500	Cryptoworks		English
			BFBS Radio Northern Ireland	radio	DVB-S	2/3	27.500			English
			BFBS Radio Navy	radio	DVB-S	2/3	27.500			English
			BFBS Gurkha Radio	radio	DVB-S	2/3	27.500			
D 11.345	H	Europe A	Eutelsat	package	DVB-S	2/3	27.500			
			RTS 1	TV	DVB-S	2/3	27.500			French
			ORTM	TV	DVB-S	2/3	27.500			French
			Africable	TV	DVB-S	2/3	27.500			French
			TPA Internacional	TV	DVB-S	2/3	27.500			Portuguese
			2S TV	TV	DVB-S	2/3	27.500	Viaccess 2.6		French
			Soft Pop	radio	DVB-S	2/3	27.500			
			Mix	radio	DVB-S	2/3	27.500			
			Canal A	radio	DVB-S	2/3	27.500			Portuguese
			Radio Sénégal International	radio	DVB-S	2/3	27.500			French
			La Radio Plus	radio	DVB-S	2/3	27.500			French
			Chartbusters Radio	radio	DVB-S	2/3	27.500			English
			Gold	radio	DVB-S	2/3	27.500			
			Cocktail	radio	DVB-S	2/3	27.500			
			I.D.	radio	DVB-S	2/3	27.500			
			Hits Online	radio	DVB-S	2/3	27.500			
			Classic	radio	DVB-S	2/3	27.500			
D 11.452	V	Europe B	DigiTurk	package	DVB-S	2/3	25.066	Cryptoworks/Irdeto 2		
			Bugün TV	TV	DVB-S	2/3	25.066	Cryptoworks/Irdeto 2		Turkish
			TRT Çocuk	TV	DVB-S	2/3	25.066			Turkish
			TRT 4	TV	DVB-S	2/3	25.066			Turkish
			E! EMEA	TV	DVB-S	2/3	25.066	Cryptoworks/Irdeto 2		English
			Halk TV	TV	DVB-S	2/3	25.066	Cryptoworks/Irdeto 2		Turkish
			Salonda Ne Var?	TV	DVB-S	2/3	25.066	Cryptoworks/Irdeto 2		Turkish
			Beyaz TV	TV	DVB-S	2/3	25.066	Cryptoworks/Irdeto 2		Turkish
			Kanal B	TV	DVB-S	2/3	25.066	Cryptoworks/Irdeto 2		Turkish
D 11.471	H	Europe B	DigiTurk	package	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2		
			NBA TV	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2		Turkish,English
			Playhouse Disney Türkiye & Polska	TV	DVB-S	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 11.492	V	Europe B	E2	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Premier League World	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			NTV Spor	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			Eurosport 2	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			Fox Life Turkey	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			24	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			TV Net	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			<u>DigiTurk</u>	package	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			TürkMax	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			DiziMax	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			Samanyolu TV Türkiye	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			TRT 6	TV	DVB-S	3/4	30.000					
			GS TV	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			Zone Reality Europe	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			TRT 1	TV	DVB-S	3/4	30.000	Y				
			Lig TV	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			Show Plus	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			TRT Haber	TV	DVB-S	3/4	30.000					
			D 11.513	H	Europe B	<u>DigiTurk</u>	package	DVB-S	3/4	27.500	Cryptoworks/Irdeto 2	
						Bio UK	TV	DVB-S	3/4	27.500	Cryptoworks/Irdeto 2	
Nat Geo Adventure	TV	DVB-S				3/4	27.500	Cryptoworks/Irdeto 2				
Yumurcak TV	TV	DVB-S				3/4	27.500	Cryptoworks/Irdeto 2				
Samanyolu Haber	TV	DVB-S				3/4	27.500	Cryptoworks/Irdeto 2				
Crime & Investigation Network UK	TV	DVB-S				3/4	27.500	Cryptoworks/Irdeto 2				
Digi Kanal	TV	DVB-S				3/4	27.500	Cryptoworks/Irdeto 2				
Flash TV	TV	DVB-S				3/4	27.500	Cryptoworks/Irdeto 2				
Iz TV	TV	DVB-S				3/4	27.500	Cryptoworks/Irdeto 2				
Baby TV Europe	TV	DVB-S				3/4	27.500	Cryptoworks/Irdeto 2				
Power Türk TV	TV	DVB-S				3/4	27.500	Cryptoworks/Irdeto 2				
Müşteri Hizmetleri	interacti	DVB-S				3/4	27.500	Cryptoworks/Irdeto 2				
Digiposta	interacti	DVB-S				3/4	27.500	Cryptoworks/Irdeto 2				
Digiaktif	interacti	DVB-S				3/4	27.500	Cryptoworks/Irdeto 2				
Halk Bankasi	interacti	DVB-S				3/4	27.500	Cryptoworks/Irdeto 2				
TV Hava Durumu	interacti	DVB-S				3/4	27.500	Cryptoworks/Irdeto 2				
Ajans Press	interacti	DVB-S				3/4	27.500	Cryptoworks/Irdeto 2				
Jojo Interaktif	interacti	DVB-S				3/4	27.500	Cryptoworks/Irdeto 2				
IBB Trafik	interacti	DVB-S				3/4	27.500	Cryptoworks/Irdeto 2				
D 11.534	V	Europe B				<u>DigiTurk</u>	package	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
			CNBC-E	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			KanalTurk	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			CNN Türk	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			6 News	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			Moviemax Premier	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			Cartoon Network Türkiye	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			TV 8	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			Kral TV	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			TRT 3	TV	DVB-S	3/4	30.000					
			NTV Türkiye	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			TV Finans	interacti	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			D 11.554	H	Europe B	<u>DigiTurk</u>	package	DVB-S	3/4	27.500	Cryptoworks/Irdeto 2	
						Kanal A	TV	DVB-S	3/4	27.500	Cryptoworks/Irdeto 2	
						TRT Arapça	TV	DVB-S	3/4	27.500		
TNT Türkiye	TV	DVB-S				3/4	27.500	Cryptoworks/Irdeto 2				
FX Türkiye	TV	DVB-S				3/4	27.500	Cryptoworks/Irdeto 2				
Cem TV	TV	DVB-S				3/4	27.500	Cryptoworks/Irdeto 2				
TRT Belgesel	TV	DVB-S				3/4	27.500					
Radio Banca Popolare di Vicenza	radio	DVB-S				3/4	27.500					
D 11.575	V	Europe B	<u>DigiTurk</u>	package	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			Show TV	TV	DVB-S	3/4	30.000	Y				
			Vip TV	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			Show Max	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			Disney XD Middle East	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			Salon 2	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			Salon 1	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			Kanal D	TV	DVB-S	3/4	30.000	Y				
			Blue Hustler Europe	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2				
			D 11.596	H	Europe B	<u>DigiTurk</u>	package	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	
TJK TV	TV	DVB-S				3/4	30.000					
SporMax	TV	DVB-S				3/4	30.000	Cryptoworks/Irdeto 2				
Moviemax Stars 2	TV	DVB-S				3/4	30.000	Cryptoworks/Irdeto 2				

Freq (GHz)	Pol	Beam	Channel	Analogue		Text	Access	Lang.
				Digital	FEC			
D 11.617	V	Europe B	DiziMaxMore	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish
			Lig TV Ticari	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish
			FBTV	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish
			Moviemax Family	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish
			TGRT Haber	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish
			Fox Sports Turkey	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	English
			Habertürk	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish
			Bilyoner.com	interacti	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			<u>DigiTurk</u>	package	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			The History Channel Turkey	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish,English
			Star TV	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish
			National Geographic Channel Türkiye	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	English,Turkish
			Nat Geo Wild Türkiye	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish,English
			Mehtap TV	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish
			Aquavision	TV	DVB-S	3/4	30.000	
			Home TV	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish
			TRT Türk	TV	DVB-S	3/4	30.000	Turkish
			Chillout	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			Nu Jazz	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			Jazz Classics	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			Blues	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			Reggae	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			Latin	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			Smooth Jazz	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			Dance	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			Alternative Rock	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			Hip Hop R&B	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			Easy Listening	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			Yoga Zone	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			International	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			R&B	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			Symphonic	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			Dance Classics	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			90's Hits	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			Masal Radyo	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish
			Lig Radyo	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish
			Radyo Spor	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish
			Alem FM	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish
			Arion Radio	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Greek
			Radyo Time	radio	DVB-S	3/4	30.000	Turkish
			Classical Rock	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			2000's Hits	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			Hard Rock	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			80's Hits	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
			70's Hits	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	
50's/60's Hits	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2				
Standards	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2				
Classical Music	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2				
Opera	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2				
Songs of Love	radio	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2				
Kanal 532	interacti	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2				
<u>DigiTurk</u>	package	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2				
Jojo	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2				
Jolly Tatil TV	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
Business TV	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
Intimacy	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
Moviemax Festival	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
TRT Avaz	TV	DVB-S	3/4	30.000	Turkish			
The MGM Channel East Europe	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
Moviemax Stars	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
Moviemax Speed	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
Bloomberg HT	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
Yacht & Sail International	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	English,French			
Digiyun	interacti	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2				
<u>DigiTurk</u>	package	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2				
Moviemax Premier 2	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
ComedyMax	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	English			
TRT Müzik	TV	DVB-S	3/4	30.000	Turkish			
Salon 3	TV	DVB-S	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
Sky Turk	TV	DVB-S	3/4	30.000	Turkish			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.		
				Digital	FEC						
D 12.520	V	Africa	Disney Channel Middle East	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English		
			Eurosport	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English		
			Kanal 7	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish		
			Ülke TV	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish		
			Fox Türkiye	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish		
			ATV Türkiye	TV	DVB-S	3/4	30.000	Cryptoworks/Irdeto 2	Turkish		
			Skylogic	interacti	DVB-S	1/2	27.500				
			D 12.645	V	Africa	<u>Televisa Networks</u>	package	DVB-S	?	30.000 Viaccess	
						TL Novelas Europa	TV	DVB-S	?	30.000 Viaccess	Spanish
						Setanta Africa	TV	DVB-S	?	30.000 Viaccess	English
						Ritmoson Latino	TV	DVB-S	?	30.000 Viaccess	Spanish
						TeleHit	TV	DVB-S	?	30.000 Viaccess	Spanish
						De Película Europa/Australia	TV	DVB-S	?	30.000 Viaccess	Spanish
						Clásico TV	TV	DVB-S	?	30.000 Viaccess	Spanish
D 12.728	V	Africa	<u>Free2View</u>	package	DVB-S	5/6	30.000				
			La Chaîne de Futur	TV	DVB-S	5/6	30.000	French			
			TPA Internacional	TV	DVB-S	5/6	30.000	Portuguese			
			RDV	TV	DVB-S	5/6	30.000				
			2S TV	TV	DVB-S	5/6	30.000	French			
			P Sat TV	TV	DVB-S	5/6	30.000				
			MTA International	TV	DVB-S	5/6	30.000	Urdu			
			TV Zimbo	TV	DVB-S	5/6	30.000	Portuguese			
			RTS 1	TV	DVB-S	5/6	30.000	French			
			Radio Sénégal International	radio	DVB-S	5/6	30.000	French			
			Origine FM	radio	DVB-S	5/6	30.000				
			RFI Océan Indien	radio	DVB-S	5/6	30.000	French			
			RFI Afrique	radio	DVB-S	5/6	30.000	French			
			City FM	radio	DVB-S	5/6	30.000	French			

W4 (36°EAST)

A 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 Kino	TV	DVB-S2	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			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 Showcase	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
D 12.092	H	Nigeria	<u>HiTV</u>	package	DVB-S	7/8	27.500	Conax	
			Eurosport News	TV	DVB-S	7/8	27.500	Conax	English
			Silverbird TV	TV	DVB-S	7/8	27.500	Conax	English
			Zee Cinema UK	TV	DVB-S	7/8	27.500	Conax	Hindi
			Hi Mix	TV	DVB-S	7/8	27.500	Conax	English
			Hi Nolly	TV	DVB-S	7/8	27.500	Conax	English
			Hi Sports 2	TV	DVB-S	7/8	27.500	Conax	English
			Setanta Africa	TV	DVB-S	7/8	27.500	Conax	English
			Bloomberg TV Europe	TV	DVB-S	7/8	27.500	Conax	English
			Al Jazeera English	TV	DVB-S	7/8	27.500	Conax	English
			Hi Soccer	TV	DVB-S	7/8	27.500	Conax	English
			Fox News Channel	TV	DVB-S	7/8	27.500	Conax	English
			Fox Entertainment	TV	DVB-S	7/8	27.500	Conax	English
			Sky News International	TV	DVB-S	7/8	27.500	Conax	English
			BBC World News	TV	DVB-S	7/8	27.500	Conax	English
			Hi Sports	TV	DVB-S	7/8	27.500	Conax	English
D 12.130	H	Nigeria	<u>HiTV</u>	package	DVB-S	7/8	27.500	Conax	
			BET UK	TV	DVB-S	7/8	27.500	Conax	English
			Hi Kids	TV	DVB-S	7/8	27.500	Conax	English
			DoveVision	TV	DVB-S	7/8	27.500	Conax	English
			ACBN	TV	DVB-S	7/8	27.500	Conax	English
			Gamji TV	TV	DVB-S	7/8	27.500	Conax	Hausa
			God TV Europe	TV	DVB-S	7/8	27.500	Conax	English
			1 Music	TV	DVB-S	7/8	27.500	Conax	English
			Nickelodeon	TV	DVB-S	7/8	27.500	Conax	English
			TV Continental	TV	DVB-S	7/8	27.500	Conax	
			Amuludun TV	TV	DVB-S	7/8	27.500	Conax	
			Hi Nolly Yorùbá	TV	DVB-S	7/8	27.500	Conax	
			Biscon World	TV	DVB-S	7/8	27.500	Conax	English
			E! EMEA	TV	DVB-S	7/8	27.500	Conax	English
			Wedding TV UK	TV	DVB-S	7/8	27.500	Conax	English
			Trace TV	TV	DVB-S	7/8	27.500	Conax	French

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 12.190	L	Russia	Discovery World	TV	DVB-S	7/8	27.500	Conax	English
			Brila FM	radio	DVB-S	7/8	27.500	Conax	English
			Classic 97.3 FM	radio	DVB-S	7/8	27.500	Conax	English
			Rhythim 93.7	radio	DVB-S	7/8	27.500	Conax	English
			The Beat 99.9 FM	radio	DVB-S	7/8	27.500	Conax	English
			<u>Tricolor TV</u>	package	DVB-S	3/4	20.000	DRE-Crypt	
			365 dnei TV	TV	DVB-S	3/4	20.000	DRE-Crypt	Russian
			Auto Plus	TV	DVB-S	3/4	20.000	DRE-Crypt	Russian
			Komedia TV	TV	DVB-S	3/4	20.000	DRE-Crypt	Russian
			Teen TV	TV	DVB-S	3/4	20.000	DRE-Crypt	Russian
			Ohota i Rybalka Tricolor	TV	DVB-S	3/4	20.000	DRE-Crypt	Russian
			Kanal Teleputeshestviya	TV	DVB-S	3/4	20.000	DRE-Crypt	Russian
			Telenyanya	TV	DVB-S	3/4	20.000	DRE-Crypt	Russian
			Russkaya Noch	TV	DVB-S	3/4	20.000	DRE-Crypt	Russian
			Dom Kino	TV	DVB-S	3/4	20.000	DRE-Crypt	Russian
			Mnogo TV	TV	DVB-S	3/4	20.000	DRE-Crypt	Russian
			Nochnoy Club	TV	DVB-S	3/4	20.000	DRE-Crypt	Russian
Telekanal Zvezda	TV	DVB-S	3/4	20.000	DRE-Crypt	Russian			
D 12.226	L	Russia	<u>Tricolor TV</u>	package	DVB-S	3/4	27.500	DRE-Crypt	
			Perviy kanal	TV	DVB-S	3/4	27.500	DRE-Crypt	
			DTV	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
			NTV	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
			NTV Plus Nash Futbol	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
			Ru TV	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
			TV Centr	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
			Bibigon	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
			REN TV	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
			Rossiya 24	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
			Rossiya 2	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
			Tricolor TV Infokanal	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
			Rossiya 1	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
			Rossiya K	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
			5 Kanal	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
			TNT	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
			D 12.245	R	Russia	<u>NTV Plus</u>	package	DVB-S	3/4
NTV Mir	TV	DVB-S				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
France 24 English	TV	DVB-S				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
TeleKlub	TV	DVB-S				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
Detski Mir	TV	DVB-S				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
RT English	TV	DVB-S				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
BBC World News	TV	DVB-S				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
Nashe Novoe Kino	TV	DVB-S				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
Nickelodeon CIS	TV	DVB-S				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
World Fashion Channel Russia	TV	DVB-S				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
Bloomberg TV Europe	TV	DVB-S				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
Eurosport 2	TV	DVB-S				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
KinoHit	TV	DVB-S				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
TV 5 Monde Europe	TV	DVB-S				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	French
<u>NTV Plus</u>	package	DVB-S				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
Bibigon	TV	DVB-S				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
RBK TV	TV	DVB-S				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
3 Kanal	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
RT Arabic	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Arabic			
TV Centr Moskva	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Mir	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
5 Kanal	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Muzika	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Dom Kino	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Telenyanya	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Perviy Meteo	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
TV Sale	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Radio Zenit	radio	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
D 12.284	R	Russia	<u>NTV Plus</u>	package	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			Vremya	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			MTV Rocks	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			Perviy kanal Ukraina	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Fox Crime Russia	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			5 Kanal	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Ukrainian
			NTN	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Ukrainian
			CCTV News English	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
			CCTV 4 Europe	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Chinese
			RTR Planeta Ukraina	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Park Razvlicenii	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Sovershenno Sekretno	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			ICTV	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Ukrainian
			Fox Life Russia	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
D 12.303	L	Russia	Boets	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
D 12.303	L	Russia	Amazing Life	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
D 12.303	L	Russia	Tonus TV	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
D 12.303	L	Russia	Muz TV	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
D 12.303	L	Russia	STS	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
D 12.303	L	Russia	Telekanal Domashniy	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
D 12.303	L	Russia	Zoo TV	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
D 12.303	L	Russia	Telekanal India	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
D 12.303	L	Russia	7 TV	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
D 12.303	L	Russia	A-One	TV	DVB-S	3/4	27.500		Russian
D 12.303	L	Russia	Bridge TV	TV	DVB-S	3/4	27.500		Russian
D 12.303	L	Russia	Soyuz	TV	DVB-S	3/4	27.500		Russian
D 12.303	L	Russia	Kinopokaz	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian
D 12.303	L	Russia	Avtoradio Moskva	radio	DVB-S	3/4	27.500		Russian
D 12.303	L	Russia	Radio Voskresenie	radio	DVB-S	3/4	27.500		Russian
D 12.303	L	Russia	Radio Alla	radio	DVB-S	3/4	27.500		Russian
D 12.303	L	Russia	NRJ Russia	radio	DVB-S	3/4	27.500		Russian
D 12.303	L	Russia	Humor FM	radio	DVB-S	3/4	27.500		Russian
D 12.303	L	Russia	OTIK	interacti	DVB-S	3/4	27.500	DRE-Crypt	
D 12.322	R	Russia	<u>NTV Plus</u>	package	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			NTV Plus Infokanal	TV	DVB-S	3/4	27.500		Russian
			Kino Plus	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			REN TV	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Blue Hustler Europe	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			Perviy kanal	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Nashe Kino	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Plus Kinoklub	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Plus Premiera	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Plus Futbol	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Plus Sport	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Kto est kto	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
D 12.341	L	Russia	<u>NTV Plus</u>	package	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			Telekanal Domashniy	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			AXN Sci-Fi Russia	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			Gulli	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			TiJi	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Kinoreys 3	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,Russian
			Ru TV	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Kinoreys 2	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,Russian
			Kinoreys 1	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,Russian
			Universal Channel Russia	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			Man TV	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Comedy TV	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Syfy Universal Russia	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			Detskoe Radio	radio	DVB-S	3/4	27.500		Russian
D 12.380	L	Russia	<u>NTV Plus</u>	package	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			Kuhnya TV	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Zakon TV	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Auto Plus	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Boets	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Interesnoe TV	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Telekanal La Minor	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Russkaja Noch	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Telekanal India	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Komedia TV	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			TV Bulvar	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			365 dnei TV	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Mnogo TV	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
D 12.399	R	Russia	<u>NTV Plus</u>	package	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			NTV Sport On-line	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Fashion TV Russia	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			24 Dok	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Kino Soyuz	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Telekanal Zvezda	TV	DVB-S	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 12.418	L	Russia	Telekanal Spas	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			STS Moskva	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Rossiya K	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Rossiya 1	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			MTV Russia	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Rossiya 24	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			TNT	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Echo Moskva	radio	DVB-S	3/4	27.500	Russian
			Relax FM	radio	DVB-S	3/4	27.500	Russian
			Detskoe Radio	radio	DVB-S	3/4	27.500	Russian
			<u>NTV Plus</u>	package	DVB-S2	3/4	27.500 Viaccess 4.0	
			365 dnei TV	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			Kuhnya TV	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			Fashion TV Russia	TV	DVB-S2	3/4	27.500 Viaccess 4.0	
			Zakon TV	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
			Nashe Kino	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			Auto Plus	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
			Interesnoe TV	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
			RBK TV	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			Rossiya 24	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			STS Moskva	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			Kino Plus	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian,Russian
			5 Kanal	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
			Rossiya 1	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			REN TV	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			Rossiya K	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			Rossiya 2	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
			Sport Plus	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			ORTB TV	TV	DVB-S	3/4	23.437	French
			LoveWorld Plus	TV	DVB-S	3/4	23.437	English
			Touba TV	TV	DVB-S	3/4	23.437	French
			RDV	TV	DVB-S	3/4	23.437	French
			RTS 1	TV	DVB-S	3/4	23.437	French
			Mboa TV	TV	DVB-S	3/4	23.437	French
			DRTV International	TV	DVB-S	3/4	23.437	French
La Chaîne de Futur	TV	DVB-S	3/4	23.437	French			
OH TV	TV	DVB-S	3/4	23.437	English			
2S TV	TV	DVB-S	3/4	23.437	French			
City FM	radio	DVB-S	3/4	23.437	French			
<u>NTV Plus</u>	package	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0				
Russkij Extreme	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Sport Plus	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Nostalgalia	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
DTV	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Muz TV	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
NTV Plus Sport Soyuz	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
NTV Plus Nash Futbol	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
NTV Plus Sport Klassika	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
NTV Plus Basketbol	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
NTV Plus Tennis	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Rossiya 2	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
<u>NTV Plus</u>	package	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0				
Discovery Channel Russia	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English			
National Geographic Channel Russia	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English			
Mezzo	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	French			
Music Box Ru	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
TDK	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Zone Romantica Pan Europe	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text Digital	Access FEC	Text MSy/s	Access	Lang.
				Digital	FEC					
D 12.476	R	Russia	Kanal Disney	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English	
			VH1 Europe A	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English	
			Eurosport Russia	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian	
			Discovery Travel & Living Europe	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English	
			Diva Universal Russia	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English	
			Animal Planet Russia	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English	
			<u>NTV Plus</u>	package	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0		
			MTV Dance	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English	
			JimJam Rossiya	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English	
			EuroNews	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,German,English,French	
			Nat Geo Wild Europe	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English	
			Extreme Sports Channel	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English	
			MCM Top	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	French	
			Zone Reality Europe	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English	
			Discovery Science Channel	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian	
			Discovery World	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian	
			TCM Russia & South East Europe	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English	
			Cartoon Network Russia & South East Europe	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English,Russian	
			CNN International	TV	DVB-S	3/4	Y 27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English	
			The MGM Channel East Europe	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English	
VH1 Classic Europe	TV	DVB-S	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English				

W6 (21.5°EAST)

D 11.341	H	Wide	TMB	TV	DVB-S2	5/6	23.330		Turkish
D 11.341	H	Wide	Radio Thema 98.9	radio	DVB-S2	5/6	23.330		Greek
D 11.341	H	Wide	SpaceGate	interacti	DVB-S2	5/6	23.330		
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-S	5/6	27.500		
D 11.640	H	Wide	Horizon Satellite Services	interacti	DVB-S2	?	23.400		

W7 (36°EAST)

D 11.221	V	South Afri	<u>Zap</u>	package	DVB-S2	5/6	30.000	Nagravision	
			BBC World News	TV	DVB-S2	5/6	30.000	Nagravision	English
			E'	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			Yacht & Sail International	TV	DVB-S2	5/6	30.000	Nagravision	English
			TV Cine HD	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			BET UK	TV	DVB-S2	5/6	30.000	Nagravision	English
			Bloomberg TV Europe	TV	DVB-S2	5/6	30.000	Nagravision	English
			Fine Living Network	TV	DVB-S2	5/6	30.000	Nagravision	English
			Extreme Sports Channel	TV	DVB-S2	5/6	30.000	Nagravision	English
			Eurosport News	TV	DVB-S2	5/6	30.000	Nagravision	English
			Mov	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			MCM Pop	TV	DVB-S2	5/6	30.000	Nagravision	French
			RTP Internacional Europa	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			I-concerts	TV	DVB-S2	5/6	30.000	Nagravision	
			NBA TV	TV	DVB-S2	5/6	30.000	Nagravision	English
			TV Cine 1	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			TV Cine 2	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			TV Cine 3	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			ManagemenTV Brasil	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			TL Novelas Europa	TV	DVB-S2	5/6	30.000	Nagravision	Spanish
Ritmoson Latino	TV	DVB-S2	5/6	30.000	Nagravision	Spanish			
D 11.263	V	South Afri	<u>Zap</u>	package	DVB-S2	5/6	30.000	Nagravision	
			SET Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			Odisea	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			Luxe TV	TV	DVB-S2	5/6	30.000	Nagravision	English
			El Garage TV	TV	DVB-S2	5/6	30.000	Nagravision	Spanish
			TVI Internacional	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			Rossiya 24	TV	DVB-S2	5/6	30.000	Nagravision	Russian
			Canal de las Estrellas Europa	TV	DVB-S2	5/6	30.000	Nagravision	Spanish
			Canal de Historia	TV	DVB-S2	5/6	30.000	Nagravision	Spanish
			Myzen	TV	DVB-S2	5/6	30.000	Nagravision	
			Canal Panda	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			Bio España & Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Spanish
			Food Network UK	TV	DVB-S2	5/6	30.000	Nagravision	English
			Panda Biggs	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.346	V	South Afri	SIC K	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			C Music TV	TV	DVB-S2	5/6	30.000	Nagravision	
			Zap Novelas	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			Mov	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			Fox Next	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			FX Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			Baby TV Europe	TV	DVB-S2	5/6	30.000	Nagravision	English
			Zap	package	DVB-S2	5/6	30.000	Nagravision	
			Brava HDTV	TV	DVB-S2	5/6	30.000	Nagravision	Dutch
			MCM Top	TV	DVB-S2	5/6	30.000	Nagravision	French
			Sol Música	TV	DVB-S2	5/6	30.000	Nagravision	Spanish
			Rede Bandeirantes International	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			Eurosport 2	TV	DVB-S2	5/6	30.000	Nagravision	Russian
			KidsCo	TV	DVB-S2	5/6	30.000	Nagravision	
			Sport TV África	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			Real Madrid TV Español	TV	DVB-S2	5/6	30.000	Nagravision	Spanish
			RTR Planeta	TV	DVB-S2	5/6	30.000	Nagravision	Russian
			Bem Simples	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			EuroNews	TV	DVB-S2	5/6	30.000	Nagravision	Russian
			D 11.387	V	South Afri	SIC Notícias	TV	DVB-S2	5/6
TVI 24	TV	DVB-S2				5/6	30.000	Nagravision	Portuguese
RTP N	TV	DVB-S2				5/6	30.000	Nagravision	Portuguese
SIC Mulher	TV	DVB-S2				5/6	30.000	Nagravision	Portuguese
BabyFirst TV	TV	DVB-S2				5/6	30.000	Nagravision	Spanish
Canal Decasa	TV	DVB-S2				5/6	30.000	Nagravision	Spanish
Canal Cocina	TV	DVB-S2				5/6	30.000	Nagravision	Spanish
Canal 24 Horas	TV	DVB-S2				5/6	30.000	Nagravision	Spanish
RTP África	TV	DVB-S2				5/6	30.000	Nagravision	Portuguese
Zap	package	DVB-S2				5/6	30.000	Nagravision	
TL Novelas Europa	TV	DVB-S2				5/6	30.000	Nagravision	Spanish
AXN Portugal	TV	DVB-S2				5/6	30.000	Nagravision	Portuguese
FTV HD	TV	DVB-S2				5/6	30.000	Nagravision	English
RT Español	TV	DVB-S2	5/6	30.000	Nagravision	Spanish			
TiJi	TV	DVB-S2	5/6	30.000	Nagravision	Russian			
Canal Hollywood Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese			
Animax Iberia	TV	DVB-S2	5/6	30.000	Nagravision	Spanish			
AXN Portugal	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese			
Travel Channel Europe	TV	DVB-S2	5/6	30.000	Nagravision	English			
D 11.429	V	South Afri	Zap	package	DVB-S2	5/6	30.000	Nagravision	
			Canal de Programação	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			TPA 1	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			CCTV News English	TV	DVB-S2	5/6	30.000	Nagravision	English
			TPA 2	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			Afro Music Channel	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			TV Zimbo	TV	DVB-S2	5/6	30.000	Nagravision	Portuguese
			TVE Internacional Europe	TV	DVB-S2	5/6	30.000	Nagravision	Spanish
			Al Jazeera English	TV	DVB-S2	5/6	30.000	Nagravision	English
			CCTV 4 Europe	TV	DVB-S2	5/6	30.000	Nagravision	Chinese
			France 24 English	TV	DVB-S2	5/6	30.000	Nagravision	English
			Setanta Africa	TV	DVB-S2	5/6	30.000	Nagravision	English
D 11.637	V	South Afri	CCTV	package	DVB-S	?	22.000		
			CCTV F	TV	DVB-S	?	22.000		French
			CCTV News English	TV	DVB-S	?	22.000		English
			CCTV 4 Europe	TV	DVB-S	?	22.000		Chinese
D 11.747	H	Sub-Sahara	MultiChoice Africa	package	DVB-S	3/4	27.500	Irdeto 2	
			SET Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
			ESPN Classic Europe	TV	DVB-S	3/4	27.500	Irdeto 2	English
			CNN International	TV	DVB-S	3/4	27.500	Irdeto 2	English
			Big Brother Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
			CNBC Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
			BBC Knowledge South Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
			SuperSport 6	TV	DVB-S	3/4	27.500	Irdeto 2	English
			SuperSport 7 Nigeria	TV	DVB-S	3/4	27.500	Irdeto 2	English
			ESPN Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English
			SuperSport 3 Nigeria	TV	DVB-S	3/4	27.500	Irdeto 2	English
			Max UK	TV	DVB-S	3/4	27.500	Irdeto 2	Hindi
CBeebies South Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English			
D 11.766	L	Russia	Tricolor Internet	interacti	DVB-S	5/6	27.500		
D 11.785	H	Sub-Sahara	MultiChoice Africa	package	DVB-S	3/4	27.500	Irdeto 2	
			Ghana TV	TV	DVB-S	3/4	27.500	Irdeto 2	English

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.
				Digital	FEC			
			BET UK	TV	DVB-S	3/4	27.500 Irdeto 2	English
			Islam Channel	TV	DVB-S	3/4	27.500 Irdeto 2	English
			NTV Uganda	TV	DVB-S	3/4	27.500 Irdeto 2	English
			KidsCo	TV	DVB-S	3/4	27.500 Irdeto 2	Portuguese,English
			TBC 1	TV	DVB-S	3/4	27.500 Irdeto 2	
			KBC Channel 1	TV	DVB-S	3/4	27.500 Irdeto 2	English
			Inspiration Network International	TV	DVB-S	3/4	27.500 Irdeto 2	English
			KTN	TV	DVB-S	3/4	27.500 Irdeto 2	English
			NTV	TV	DVB-S	3/4	27.500 Irdeto 2	English
			Lagos TV	TV	DVB-S	3/4	27.500 Irdeto 2	English
			Nat Geo Wild Europe	TV	DVB-S	3/4	27.500 Irdeto 2	English
			KBC English Service	radio	DVB-S	3/4	27.500 Irdeto 2	English
			KBC Idhaa	radio	DVB-S	3/4	27.500 Irdeto 2	Swahili
			Coro FM Radio	radio	DVB-S	3/4	27.500 Irdeto 2	Kikuyu
			Metro FM	radio	DVB-S	3/4	27.500 Irdeto 2	English
			Easy FM	radio	DVB-S	3/4	27.500 Irdeto 2	English
			QFM	radio	DVB-S	3/4	27.500 Irdeto 2	English
D 11.785	R	Russia	<u>NTV Plus</u>	package	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			TNVi Tatarstan	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			SET Eastern Europe	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Expert TV	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			KHL TV	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Egoist TV	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			RT Español	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Spanish
			Amazing Life	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Idealniy mir	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Voina i Mir	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			7 TV	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Dozhd	TV	DVB-S	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
D 11.804	V	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB-S	3/4	27.500 Irdeto 2	
			SuperSport HD 2 Nigeria	TV	DVB-S	3/4	27.500 Irdeto 2	English,English
			Dish on TV promo	TV	DVB-S	3/4	27.500	English
			DSTV on Demand	TV	DVB-S	3/4	27.500 Irdeto 2	English
D 11.804	L	Russia	<u>Tricolor TV</u>	package	DVB-S2	3/4	27.500 DRE-Crypt	
			Voina i Mir	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			TV Arm Ru	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Telekanal La Minor	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Moya Planeta	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Nastoyashee Strashnoe TV	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Galaxy	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			TRO	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Style TV	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Kuhnya TV	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			TV Bulvar	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Interesnoe TV	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Agro TV	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Ocean TV	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			KHL TV	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Tugan Tel	TV	DVB-S2	3/4	27.500 DRE-Crypt	
			RBK TV	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Expert TV	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Gde i kto	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			24 Techno	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Mir	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Podmoskove	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Zakon TV	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			9 Volna	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Zhenskiy Mir	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			High Life	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Diskoteka TV	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Top Shop TV Russia	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Mat i Ditya	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			RGVK Dagestan	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
			Zagorodny	TV	DVB-S2	3/4	27.500 DRE-Crypt	Russian
D 11.823	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB-S	3/4	27.500 Irdeto 2	
			SIC Internacional	TV	DVB-S	3/4	27.500 Irdeto 2	Portuguese
			Sport +	TV	DVB-S	3/4	27.500 Irdeto 2	French
			Canal + Cinéma France	TV	DVB-S	3/4	27.500 Irdeto 2	French
			Trace TV	TV	DVB-S	3/4	27.500 Irdeto 2	French
			TV Mundial	TV	DVB-S	3/4	27.500 Irdeto 2	Portuguese

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.	
				Digital	FEC	MSy/s				
A 11.823	R	Russia	LCI	TV	DVB-S	3/4	27.500	Irdeto 2		French
			RTL 9	TV	DVB-S	3/4	27.500	Irdeto 2		French
			TiJi	TV	DVB-S	3/4	27.500	Irdeto 2		French
			Planète France	TV	DVB-S	3/4	27.500	Irdeto 2		French
			13ème Rue	TV	DVB-S	3/4	27.500	Irdeto 2		French
			France 5	TV	DVB-S	3/4	27.500	Irdeto 2		French
			Cinecinema Star	TV	DVB-S	3/4	27.500	Irdeto 2		French
			France 2	TV	DVB-S	3/4	27.500	Irdeto 2		French
			<u>NTV Plus</u>	package	DVB-S2	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0		
			Mezzo Live HD	TV	DVB-S2	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0		
D 11.862	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB-S	3/4	27.500	Irdeto 2		
			Channels TV	TV	DVB-S	3/4	27.500	Irdeto 2		English
			ZDF	TV	DVB-S	3/4	27.500	Irdeto 2		German
			Silverbird TV	TV	DVB-S	3/4	27.500	Irdeto 2		English
			CCTV F	TV	DVB-S	3/4	27.500			French
			AIT International UK	TV	DVB-S	3/4	27.500	Irdeto 2		English
			Metro TV	TV	DVB-S	3/4	27.500	Irdeto 2		
			Eurosport News	TV	DVB-S	3/4	27.500	Irdeto 2		English
			Iqraa	TV	DVB-S	3/4	27.500	Irdeto 2		Arabic
			NTA International	TV	DVB-S	3/4	27.500	Irdeto 2		English
D 11.881	V	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB-S	3/4	27.500	Irdeto 2		
			TV Zimbo	TV	DVB-S	3/4	27.500	Irdeto 2		Portuguese
			The History Channel South Africa	TV	DVB-S	3/4	27.500	Irdeto 2		English
			Rhema Network	TV	DVB-S	3/4	27.500	Irdeto 2		English
			Citizen TV	TV	DVB-S	3/4	27.500	Irdeto 2		
			SuperSport MaXimo 2	TV	DVB-S	3/4	27.500	Irdeto 2		Portuguese
			TCM Middle East & Africa	TV	DVB-S	3/4	27.500	Irdeto 2		English
			SuperSport 5 Nigeria	TV	DVB-S	3/4	27.500	Irdeto 2		English
			Mindset Learn	TV	DVB-S	3/4	27.500	Irdeto 2		English
			SET Asia	TV	DVB-S	3/4	27.500	Irdeto 2		Hindi
D 11.881	L	Russia	Classic Jazz	radio	DVB-S	3/4	27.500	Irdeto 2		
			Dance	radio	DVB-S	3/4	27.500	Irdeto 2		
			Hot Traxx	radio	DVB-S	3/4	27.500	Irdeto 2		
			Campus Rock	radio	DVB-S	3/4	27.500	Irdeto 2		
			Urban Beat	radio	DVB-S	3/4	27.500	Irdeto 2		
			Rock'n'Roll Oldies	radio	DVB-S	3/4	27.500	Irdeto 2		
			70's Hits	radio	DVB-S	3/4	27.500	Irdeto 2		
			Soft Hits	radio	DVB-S	3/4	27.500	Irdeto 2		
			Smooth Jazz	radio	DVB-S	3/4	27.500	Irdeto 2		
			Urban Adult Contemporary	radio	DVB-S	3/4	27.500	Irdeto 2		
			Adult Contemporary	radio	DVB-S	3/4	27.500	Irdeto 2		
			BBC World Service 1	radio	DVB-S	3/4	27.500	Irdeto 2		
			Classic Rock	radio	DVB-S	3/4	27.500	Irdeto 2		
			African Rhythms	radio	DVB-S	3/4	27.500	Irdeto 2		
			Contemporary Instrumentals	radio	DVB-S	3/4	27.500	Irdeto 2		
			Beautiful Instrumentals	radio	DVB-S	3/4	27.500	Irdeto 2		
			Light Classical	radio	DVB-S	3/4	27.500	Irdeto 2		
			Symphonic	radio	DVB-S	3/4	27.500	Irdeto 2		
			WRN English Africa & Middle East	radio	DVB-S	3/4	27.500	Irdeto 2		English
			VoA Music Mix	radio	DVB-S	3/4	27.500	Irdeto 2		English
TransAfrica Radio	radio	DVB-S	3/4	27.500	Irdeto 2		English			
D 11.881	L	Russia	<u>Tricolor TV</u>	package	DVB-S	3/4	27.500	DRE-Crypt		
			Top Shop TV Russia	TV	DVB-S	3/4	27.500	DRE-Crypt		Russian
			Domashniy Magazin	TV	DVB-S	3/4	27.500	DRE-Crypt		Russian
			Rusong TV	TV	DVB-S	3/4	27.500			Russian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 11.900	H	Sub-Sahara	TNV Tatarstan	TV	DVB-S	3/4	27.500	DRE-Crypt	Russian			
			<u>MultiChoice Africa</u>	package	DVB-S	1/2	26.480	Irdeto 2				
			Africa Magic Plus	TV	DVB-S	1/2	26.480	Irdeto 2	English			
			Africa Magic Hausa	TV	DVB-S	1/2	26.480	Irdeto 2	Hausa			
			Africa Magic Yoruba	TV	DVB-S	1/2	26.480	Irdeto 2				
			SuperSport 4	TV	DVB-S	1/2	26.480	Irdeto 2	English			
			Magic World	TV	DVB-S	1/2	26.480	Irdeto 2	English			
			Sky News International	TV	DVB-S	1/2	26.480	Irdeto 2	English			
			SuperSport Blitz	TV	DVB-S	1/2	26.480	Irdeto 2	English			
			National Geographic Channel South Africa	TV	DVB-S	1/2	26.480	Irdeto 2	English			
			Cartoon Network Middle East & Africa	TV	DVB-S	1/2	26.480	Irdeto 2	English			
			SuperSport 5 Africa	TV	DVB-S	1/2	26.480	Irdeto 2	English			
			Zone Reality South Africa	TV	DVB-S	1/2	26.480	Irdeto 2	English			
			SuperSport 7 Africa	TV	DVB-S	1/2	26.480	Irdeto 2	English			
A 11.919	V	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB-S	3/4	27.500	Irdeto 2				
			SuperSport 10	TV	DVB-S	3/4	27.500	Irdeto 2	English			
			DSTV HD on Demand	TV	DVB-S	3/4	27.500	Irdeto 2	English			
			SuperSport HD	TV	DVB-S	3/4	27.500	Irdeto 2	English			
			SuperSport HD 2	TV	DVB-S	3/4	27.500	Irdeto 2	English			
			M-Net HD	TV	DVB-S	3/4	27.500	Irdeto 2	English,English			
D 11.940	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB-S	3/4	27.500	Irdeto 2				
			Al Jazeera English	TV	DVB-S	3/4	27.500	Irdeto 2	English			
			Daystar TV	TV	DVB-S	3/4	27.500	Irdeto 2	English			
			Zee TV Africa	TV	DVB-S	3/4	27.500	Irdeto 2	Hindi			
			Boomerang Middle East & Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English			
			Animal Planet Africa	TV	DVB-S	3/4	27.500	Irdeto 2	English			
			Fashion TV	TV	DVB-S	3/4	27.500	Irdeto 2				
			CCTV News English	TV	DVB-S	3/4	27.500	Irdeto 2	English			
			CCTV 4 Europe	TV	DVB-S	3/4	27.500	Irdeto 2	Chinese			
			NHK World TV	TV	DVB-S	3/4	27.500	Irdeto 2	English			
			Guide	interacti	DVB-S	3/4	27.500	Irdeto 2				
			D 11.958	V	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB-S	3/4	27.500	Irdeto 2	
						TV Cine 1	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
AXN Portugal	TV	DVB-S				3/4	27.500	Irdeto 2	Portuguese			
SIC Noticias	TV	DVB-S				3/4	27.500	Irdeto 2	Portuguese			
Disney Channel Portugal	TV	DVB-S				3/4	27.500	Irdeto 2	Portuguese			
TV Globo Internacional Europa/África	TV	DVB-S				3/4	27.500	Irdeto 2	Portuguese			
Afro Music Channel	TV	DVB-S				3/4	27.500	Irdeto 2	Portuguese			
UBC TV	TV	DVB-S				3/4	27.500	Irdeto 2				
National Geographic Channel Portugal	TV	DVB-S				3/4	27.500	Irdeto 2	Portuguese			
MTV Portugal	TV	DVB-S				3/4	27.500	Irdeto 2	Portuguese			
TV Cine 2	TV	DVB-S				3/4	27.500	Irdeto 2	Portuguese			
Record Internacional Europa	TV	DVB-S				3/4	27.500	Irdeto 2	Portuguese			
RTP Açores	TV	DVB-S				3/4	27.500	Irdeto 2	Portuguese			
TV Moçambique	TV	DVB-S				3/4	27.500	Irdeto 2	Portuguese			
Antena Nacional	radio	DVB-S				3/4	27.500	Irdeto 2	Portuguese			
D 11.977	H	Sub-Sahara				<u>MultiChoice Africa</u>	package	DVB-S	3/4	27.500	Irdeto 2	
			TV 5 Monde Afrique	TV	DVB-S	3/4	27.500	Irdeto 2	French			
			RTP Internacional Europa	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese			
			France 24 Français	TV	DVB-S	3/4	27.500	Irdeto 2	French			
			B4U Movies UK	TV	DVB-S	3/4	27.500	Irdeto 2	Hindi			
			TV Brasil Internacional	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese			
			Canal + Horizons	TV	DVB-S	3/4	27.500	Irdeto 2	French			
			K24	TV	DVB-S	3/4	27.500	Irdeto 2	English			
			E! EMEA	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese			
			B4U Music UK	TV	DVB-S	3/4	27.500	Irdeto 2	English			
			Fine Living Network	TV	DVB-S	3/4	27.500	Irdeto 2	English			
			Radio France Internationale	radio	DVB-S	3/4	27.500	Irdeto 2	French			
			A 11.996	V	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB-S	?	27.500		
I-concerts	TV	DVB-S				?	27.500	Irdeto 2				
TV Cine HD	TV	DVB-S				?	27.500	Irdeto 2	Portuguese			
Discovery HD Showcase	TV	DVB-S				?	27.500	Irdeto 2	English			
D 12.015	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB-S	3/4	27.500	Irdeto 2				
			I-concerts	TV	DVB-S	3/4	27.500	Irdeto 2				
			SET Asia	TV	DVB-S	3/4	27.500	Irdeto 2	Hindi			
			EuroNews	TV	DVB-S	3/4	27.500	Irdeto 2	Russian			
			The Style Network Emea	TV	DVB-S	3/4	27.500	Irdeto 2	English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 12.034	V	Sub-Sahara	FX Portugal	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
			Fox Next	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
			TV Cine 3	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
			Travel Channel Europe	TV	DVB-S	3/4	27.500	Irdeto 2	English
			Rai Italia 3 Africa	TV	DVB-S	3/4	27.500	Irdeto 2	Italian
			NN 24	TV	DVB-S	3/4	27.500	Irdeto 2	English
			Record News	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
			TF 6	TV	DVB-S	3/4	27.500	Irdeto 2	French
			C Music TV	TV	DVB-S	3/4	27.500	Irdeto 2	
			Rai Italia Radio	radio	DVB-S	3/4	27.500	Irdeto 2	
			Radio Okapi	radio	DVB-S	3/4	27.500		French
			<u>MultiChoice Africa</u>	package	DVB-S	?	27.500	Irdeto 2	
			Bio UK	TV	DVB-S	?	27.500	Irdeto 2	English
			The History Channel South Africa	TV	DVB-S	?	27.500	Irdeto 2	English
			ETV	TV	DVB-S	?	27.500	Irdeto 2	Amharic
			NDTV 24x7	TV	DVB-S	?	27.500	Irdeto 2	English
			Kingdom Africa	TV	DVB-S	?	27.500	Irdeto 2	English
			JimJam Europe	TV	DVB-S	?	27.500	Irdeto 2	English
			D 12.054	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB-S	3/4
BBC World News South Africa	TV	DVB-S				3/4	27.500	Irdeto 2	English
MTV Base Africa	TV	DVB-S				3/4	27.500	Irdeto 2	English
M-Net Action	TV	DVB-S				3/4	27.500	Irdeto 2	
MTV Europe	TV	DVB-S				3/4	27.500	Irdeto 2	English
Disney Channel UK	TV	DVB-S				3/4	27.500	Irdeto 2	English
Crime & Investigation Network UK	TV	DVB-S				3/4	27.500	Irdeto 2	English
SuperSport 2	TV	DVB-S				3/4	27.500	Irdeto 2	English
One Gospel	TV	DVB-S				3/4	27.500	Irdeto 2	English
SuperSport 9	TV	DVB-S				3/4	27.500	Irdeto 2	English
BBC Entertainment South Africa	TV	DVB-S				3/4	27.500	Irdeto 2	English
M-Net East	TV	DVB-S				3/4	27.500	Irdeto 2	English
M-Net Stars	TV	DVB-S				3/4	27.500	Irdeto 2	English
D 12.054	R	Russia				<u>Scene</u>	package	DVB-S	3/4
			NTK Orbita	TV	DVB-S	3/4	27.500		Russian
			TV 3	TV	DVB-S	3/4	27.500		Russian
			TTS	TV	DVB-S	3/4	27.500		Russian
			8 Kanal	TV	DVB-S	3/4	27.500		Russian
			Pro Dengi	TV	DVB-S	3/4	27.500		Russian
			TV Club	TV	DVB-S	3/4	27.500		Russian
TV Arm Ru	TV	DVB-S	3/4	27.500		Russian			
D 12.073	V	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB-S	3/4	27.500	Irdeto 2	
			Fox Life Portugal	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
			Fox Portugal	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
			Max UK	TV	DVB-S	3/4	27.500	Irdeto 2	Hindi
			Sport TV África	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
			Fox Crime Portugal	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
			TPA 2	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
			Discovery World	TV	DVB-S	3/4	27.500	Irdeto 2	English
			TPA 1	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
			Afro Music Channel	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
			Canal Panda	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
			PFC Internacional	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
			Odisea	TV	DVB-S	3/4	27.500	Irdeto 2	Portuguese
			D 12.245	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB-S	3/4
SuperSport 1	TV	DVB-S				3/4	27.500	Irdeto 2	English
Universal Channel South Africa	TV	DVB-S				3/4	27.500	Irdeto 2	English
TBN Africa	TV	DVB-S				3/4	27.500	Irdeto 2	English
M-Net Movies 2	TV	DVB-S				3/4	27.500	Irdeto 2	English
Africa Magic	TV	DVB-S				3/4	27.500	Irdeto 2	English
M-Net Series	TV	DVB-S				3/4	27.500	Irdeto 2	English
Channel O	TV	DVB-S				3/4	27.500	Irdeto 2	English
Discovery Channel Middle East & Africa	TV	DVB-S				3/4	27.500	Irdeto 2	English
SuperSport MaXimo	TV	DVB-S				3/4	27.500	Irdeto 2	Portuguese
SuperSport 3 Africa	TV	DVB-S				3/4	27.500	Irdeto 2	English
M-Net Movies 1	TV	DVB-S				3/4	27.500	Irdeto 2	English
M-Net West	TV	DVB-S				3/4	27.500	Irdeto 2	English
BBC Lifestyle South Africa	TV	DVB-S				3/4	27.500	Irdeto 2	English

SESAT 1 (16°EAST)

4 November 2010

Page 56 of 71

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 MSy/s	Access	Lang.			
				Digital	FEC							
A 10.976	H	Fixed	DigitAlb	package	DVB-S2	2/3	27.225	Conax/Videoguard				
			National Geographic Channel HD UK	TV	DVB-S2	2/3	27.225	Conax/Videoguard	English			
			DigitAlb HD 3	TV	DVB-S2	2/3	27.225	Conax	Albanian			
			DigitAlb HD 1	TV	DVB-S2	2/3	27.225	Conax	Albanian			
D 11.055	V	Fixed	DigitAlb HD 2	TV	DVB-S2	2/3	27.225	Conax	Albanian			
			DigitAlb	package	DVB-S	2/3	27.900	Conax				
			Bang Bang	TV	DVB-S	2/3	27.900	Conax	Albanian			
			Digi Plus	TV	DVB-S	2/3	27.900	Conax	Albanian			
			Top Channel	TV	DVB-S	2/3	Y 27.900	Conax	Albanian			
			My Music	TV	DVB-S	2/3	27.900		Albanian			
			Çufo	TV	DVB-S	2/3	27.900	Conax	Albanian			
			Junior TV	TV	DVB-S	2/3	27.900	Conax	Albanian			
			Explorer Shkencë	TV	DVB-S	2/3	27.900	Conax	Albanian			
			Explorer Histori	TV	DVB-S	2/3	27.900	Conax	Albanian			
			Explorer Natyra	TV	DVB-S	2/3	27.900	Conax	Albanian			
			Film Autor	TV	DVB-S	2/3	27.900	Conax	English,Italian			
			Top News	TV	DVB-S	2/3	27.900	Conax	Albanian			
			Radio My Music	radio	DVB-S	2/3	27.900		Albanian			
D 11.095	H	Fixed	Top Albania Radio	radio	DVB-S	2/3	27.900		Albanian			
			Top Gold	radio	DVB-S	2/3	27.900	Conax	Albanian			
			Total TV	package	DVB-S	2/3	27.300	Conax/Cryptoworks/Videoguard				
			The Fishing and Hunting Channel South East Europe	TV	DVB-S	2/3	27.300	Videoguard	English			
			TLC Balkan	TV	DVB-S	2/3	27.300	Conax/Cryptoworks/Videoguard	English,Bulgarian			
			Pink Folk	TV	DVB-S	2/3	27.300	Conax/Cryptoworks/Videoguard	Serbian			
			Viasat Nature East	TV	DVB-S	2/3	27.300	Conax/Cryptoworks/Videoguard	English			
			Kanal D	TV	DVB-S	2/3	27.300	Videoguard	Serbian			
			Zone Romantica Pan Europe	TV	DVB-S	2/3	27.300	Videoguard	English			
			Free-X TV	TV	DVB-S	2/3	27.300	Conax/Cryptoworks/Videoguard	English			
			The MGM Channel East Europe	TV	DVB-S	2/3	27.300	Videoguard	English			
			TV Spectrum	TV	DVB-S	2/3	27.300		Serbian			
			D 11.138	H	Balkan	Total TV	package	DVB-S	3/4	27.700	Conax/Cryptoworks/Videoguard	
						TV Evropa	TV	DVB-S	3/4	27.700	Conax/Cryptoworks/Videoguard	Bulgarian
BTV Cinema	TV	DVB-S				3/4	27.700	Conax/Cryptoworks/Videoguard	Bulgarian			
Fox Life Regional	TV	DVB-S				3/4	27.700	Conax/Cryptoworks/Videoguard	English			
Fox Life Bulgaria	TV	DVB-S				3/4	27.700	Conax/Cryptoworks/Videoguard	Bulgarian			
Fan TV	TV	DVB-S				3/4	27.700		Bulgarian			
MTV Europe	TV	DVB-S				3/4	27.700	Conax/Cryptoworks/Videoguard	English			
Fox Crime Bulgaria	TV	DVB-S				3/4	27.700	Conax/Cryptoworks/Videoguard	Bulgarian			
NKTV Evrokom	TV	DVB-S				3/4	Y 27.700	Conax/Cryptoworks/Videoguard	Bulgarian			
ESPN America Europe	TV	DVB-S				3/4	27.700	Conax/Cryptoworks/Videoguard	English			
BBT	TV	DVB-S				3/4	27.700	Conax/Cryptoworks/Videoguard	Bulgarian			
Balkanika Music TV	TV	DVB-S				3/4	27.700					
NBT	TV	DVB-S				3/4	27.700	Conax/Cryptoworks/Videoguard	Bulgarian			
Fox Crime Regional	TV	DVB-S				3/4	27.700	Conax/Cryptoworks/Videoguard	English			
Nova TV	TV	DVB-S				3/4	Y 27.700	Conax/Cryptoworks/Videoguard	Bulgarian			
Radio Veronika	radio	DVB-S				3/4	27.700		Bulgarian			
Radio Z-Rock	radio	DVB-S				3/4	27.700		Bulgarian			
Darik Radio	radio	DVB-S				3/4	27.700		Bulgarian			
Radio Srbija	radio	DVB-S				3/4	27.700					
Radio 1 Rock	radio	DVB-S				3/4	27.700		Bulgarian			
Ok Radio	radio	DVB-S				3/4	27.700		Serbian			
Radyo Lojik	radio	DVB-S	3/4	27.700		Turkish						
Hristo Botev	radio	DVB-S	3/4	27.700		Bulgarian						
Jazz FM Radio	radio	DVB-S	3/4	27.700		Bulgarian						
D 11.178	V	Balkan	Total TV	package	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard				
			Pink Action	TV	DVB-S	3/4	27.500	Videoguard	Serbian			
			FTV SEE	TV	DVB-S	3/4	27.500					
			Pink Movies	TV	DVB-S	3/4	27.500	Videoguard	Serbian			
			Pink Family	TV	DVB-S	3/4	27.500	Videoguard	Serbian			
			PinKids	TV	DVB-S	3/4	27.500	Videoguard	Serbian			
			Pink Music	TV	DVB-S	3/4	27.500	Cryptoworks/Videoguard	Serbian			
			Pink Srbija	TV	DVB-S	3/4	Y 27.500	Videoguard	Serbian			
			Pink M	TV	DVB-S	3/4	Y 27.500	Videoguard	Serbian			
			Pink BH	TV	DVB-S	3/4	Y 27.500	Videoguard	Serbian			
			Pink Extra	TV	DVB-S	3/4	27.500	Cryptoworks/Videoguard	Serbian			
			Pink Plus	TV	DVB-S	3/4	Y 27.500	Cryptoworks/Videoguard	Serbian			
			Pink Film	TV	DVB-S	3/4	27.500	Videoguard	Serbian			
			Radio Index	radio	DVB-S	3/4	27.500		Serbian			
Pink Radio	radio	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard	Serbian						

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.	
				Digital	FEC	MSy/s				
D 11.475	V	Balkan	<u>TV Romania</u>	package	DVB-S	3/4	29.950			
			TVR 2	TV	DVB-S	3/4	Y 29.950	Viaccess 2.6	Romanian	
			TVR 3	TV	DVB-S	3/4	Y 29.950		Romanian	
			TVR Cultural	TV	DVB-S	3/4	Y 29.950		Romanian	
			TVR Info	TV	DVB-S	3/4	Y 29.950		Romanian	
			TVR International	TV	DVB-S	3/4	Y 29.950		Romanian	
			TVR 1	TV	DVB-S	3/4	Y 29.950	Viaccess 2.6	Romanian	
D 11.510	H	Balkan	România în direct	radio	DVB-S	3/4	29.950		Romanian	
			Radio România International	radio	DVB-S	3/4	29.950		Romanian	
			<u>Max TV</u>	package	DVB-S2	2/3	30.000	Nagravision 3		
			TV 1000 Balkan	TV	DVB-S2	2/3	30.000	Nagravision 3		English
			Discovery Science Channel	TV	DVB-S2	2/3	30.000	Nagravision 3		English
			Discovery World	TV	DVB-S2	2/3	30.000	Nagravision 3		English
			Orlando Kids	TV	DVB-S2	2/3	30.000	Nagravision 3		Croatian
			Boomerang Central & Eastern Europe	TV	DVB-S2	2/3	30.000	Nagravision 3		English
			Baby TV Europe	TV	DVB-S2	2/3	30.000	Nagravision 3		English
			Cartoon Network Central & Eastern Europe	TV	DVB-S2	2/3	30.000	Nagravision 3		English
			Animal Planet Europe	TV	DVB-S2	2/3	30.000	Nagravision 3		English
			Fox Crime Serbia	TV	DVB-S2	2/3	30.000	Nagravision 3		English
			Fox Life Serbia	TV	DVB-S2	2/3	30.000	Nagravision 3		English
			HBO Adria	TV	DVB-S2	2/3	30.000	Nagravision 3		Croatian
			HBO Comedy Adria	TV	DVB-S2	2/3	30.000	Nagravision 3		Croatian
			Cinemax Central Europe	TV	DVB-S2	2/3	30.000	Nagravision 3		Croatian
			HRT Plus	TV	DVB-S2	2/3	30.000	Nagravision 3		Croatian
			Eurosport 2 North-East	TV	DVB-S2	2/3	30.000	Nagravision 3		Serbian
			Eurosport	TV	DVB-S2	2/3	30.000	Nagravision 3		Serbian
Cinemax 2 Central Europe	TV	DVB-S2	2/3	30.000	Nagravision 3		Croatian			
CineStar	TV	DVB-S2	2/3	30.000	Nagravision 3		English			
Nat Geo Wild Europe	TV	DVB-S2	2/3	30.000	Nagravision 3		English			
National Geographic Channel Croatia	TV	DVB-S2	2/3	30.000	Nagravision 3		English			
24 Sata	TV	DVB-S2	2/3	30.000	Nagravision 3		Croatian			
Discovery Travel & Living Europe	TV	DVB-S2	2/3	30.000	Nagravision 3		English			
Discovery Channel Europe	TV	DVB-S2	2/3	30.000	Nagravision 3		English			
Universal Channel Hungary	TV	DVB-S2	2/3	30.000	Nagravision 3		English			
D 11.557	H	Balkan	VH1 Europe A	TV	DVB-S2	2/3	30.000	Nagravision 3	English	
D 11.557	H	Balkan	Sport 1	TV	DVB-S2	2/3	30.000	Nagravision 3	German	
D 11.557	H	Balkan	Daring! TV	TV	DVB-S2	2/3	30.000	Nagravision 3	English	
D 11.557	H	Balkan	CNN International	TV	DVB-S2	2/3	30.000	Nagravision 3	English	
D 11.557	H	Balkan	Arena Sport 1	TV	DVB-S2	2/3	30.000	Nagravision 3	Serbian	
D 11.557	H	Balkan	VH1 Classic Europe	TV	DVB-S2	2/3	30.000	Nagravision 3	English	
D 11.557	H	Balkan	RTS Satelit	TV	DVB-S2	2/3	30.000	Nagravision 3	Serbian	
D 11.557	H	Balkan	Croatian Music Channel	TV	DVB-S2	2/3	30.000	Nagravision 3	Croatian	
D 11.557	H	Balkan	Arena Sport 2	TV	DVB-S2	2/3	30.000	Nagravision 3	Serbian	
D 11.557	H	Balkan	Hustler TV Europe	TV	DVB-S2	2/3	30.000	Nagravision 3	English	
A 11.557	H	Balkan	Discovery HD Showcase	TV	DVB-S2	2/3	30.000	Nagravision 3	English	
A 11.557	H	Balkan	Eurosport	TV	DVB-S2	2/3	30.000	Nagravision 3	Serbian	
D 11.557	H	Balkan	Private Spice	TV	DVB-S2	2/3	30.000	Nagravision 3	English	
D 11.557	H	Balkan	Blue Hustler Europe	TV	DVB-S2	2/3	30.000	Nagravision 3	English	
D 11.557	H	Balkan	CNBC Europe	TV	DVB-S2	2/3	30.000	Nagravision 3	English	
D 11.557	H	Balkan	Radio Ritam	radio	DVB-S2	2/3	30.000	Nagravision 3	Croatian	
D 11.557	H	Balkan	HR Radio Split	radio	DVB-S2	2/3	30.000	Nagravision 3	Croatian	
D 11.557	H	Balkan	Radio Marija Hrvatska	radio	DVB-S2	2/3	30.000	Nagravision 3	Croatian	
D 11.557	H	Balkan	Radio Dalmacija	radio	DVB-S2	2/3	30.000	Nagravision 3	Croatian	
D 11.557	H	Balkan	Radio Banovina	radio	DVB-S2	2/3	30.000	Nagravision 3	Croatian	
D 11.557	H	Balkan	Hrvatski Katolicki Radio	radio	DVB-S2	2/3	30.000	Nagravision 3	Croatian	
D 11.557	H	Balkan	HR Radio Sljeme	radio	DVB-S2	2/3	30.000	Nagravision 3	Croatian	
D 11.557	H	Balkan	HR Prvi program	radio	DVB-S2	2/3	30.000	Nagravision 3	Croatian	
D 11.557	H	Balkan	Otvoreni Radio	radio	DVB-S2	2/3	30.000	Nagravision 3	Croatian	
D 11.557	H	Balkan	Radio 101	radio	DVB-S2	2/3	30.000	Nagravision 3	Croatian	
D 11.557	H	Balkan	Radio Cibona	radio	DVB-S2	2/3	30.000	Nagravision 3	Croatian	
D 11.557	H	Balkan	Radio Kaj	radio	DVB-S2	2/3	30.000	Nagravision 3	Croatian	
D 11.557	H	Balkan	<u>Max TV</u>	package	DVB-S2	2/3	30.000	Nagravision 3		
A 11.557	V	Balkan	TVR HD	TV	DVB-S	3/4	29.950	Viaccess 2.6	Romanian	
D 11.557	V	Balkan	TVR Tirgu-Mures	TV	DVB-S	3/4	Y 29.950		Romanian	
D 11.557	V	Balkan	TVR Craiova	TV	DVB-S	3/4	Y 29.950		Romanian	
D 11.557	V	Balkan	TVR Timisoara	TV	DVB-S	3/4	Y 29.950		Romanian	
D 11.557	V	Balkan	TVR Iasi	TV	DVB-S	3/4	Y 29.950		Romanian	
D 11.557	V	Balkan	TVR Cluj	TV	DVB-S	3/4	Y 29.950		Romanian	

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	MHz	Text	Access	Lang.
				Digital	FEC	MSy/s				
D 11.557	V	Balkan	TV Romania	package	DVB-S	3/4	29.950			
D 11.658	H	Fixed	DigitAlb	package	DVB-S	2/3	27.900	Conax		
			Film Komedi	TV	DVB-S	2/3	27.900	Conax		English,Italian
			Film Thriller	TV	DVB-S	2/3	27.900	Conax		English,Italian
			Film Aksion	TV	DVB-S	2/3	27.900	Conax		English,Italian
			X1	TV	DVB-S	2/3	27.900	Conax		Albanian
			Film Dramë	TV	DVB-S	2/3	27.900	Conax		English,Italian
			T	TV	DVB-S	2/3	27.900	Conax		Albanian
			X2	TV	DVB-S	2/3	27.900	Conax		Albanian
			Film Hits	TV	DVB-S	2/3	27.900	Conax		English,Italian
			Top Gold	radio	DVB-S	2/3	27.900			Albanian
D 12.525	H	Fixed	STN	package	DVB-S	3/4	30.000			
			EBF	TV	DVB-S	3/4	30.000			Bulgarian
			Astro	TV	DVB-S	3/4	30.000			Serbian
			Kanal 5 plus	TV	DVB-S	3/4	30.000	Irdeto 2/Videoguard		Macedonian
			Alfa TV	TV	DVB-S	3/4	30.000	Irdeto 2/Videoguard		Macedonian
			Best of Macedonia	TV	DVB-S	3/4	30.000			Macedonian
			Sitel TV	TV	DVB-S	3/4	30.000	Irdeto 2/Videoguard		Macedonian
			Sitel 3	TV	DVB-S	3/4	30.000	Irdeto 2/Videoguard		Macedonian
			AB Kanal	TV	DVB-S	3/4	30.000	Irdeto 2/Videoguard		Macedonian
			K-15 Music	TV	DVB-S	3/4	30.000			Macedonian
			Folklor TV	TV	DVB-S	3/4	30.000			Bulgarian
			TV Valentino	TV	DVB-S	3/4	30.000			Bosnian
			TV Kopernikus	TV	DVB-S	3/4	30.000			Serbian
			EKids	TV	DVB-S	3/4	30.000			Bulgarian
			TV Duga Sat	TV	DVB-S	3/4	30.000			Serbian
			Kanal 5	TV	DVB-S	3/4	30.000	Irdeto 2/Videoguard		Macedonian
			Svet Plus	TV	DVB-S	3/4	30.000	Y		Serbian
			Radio Izvor	radio	DVB-S	3/4	30.000			Bosnian
			Radio Valentino	radio	DVB-S	3/4	30.000			Bosnian
			Kiss Rom	radio	DVB-S	3/4	30.000			Serbian
			Kiss Radio	radio	DVB-S	3/4	30.000			Serbian
			Radio Grand	radio	DVB-S	3/4	30.000			Serbian
			Radio Mira Bosanka	radio	DVB-S	3/4	30.000			
			VIP Radio	radio	DVB-S	3/4	30.000			Serbian
			Radio Ognjisce	radio	DVB-S	3/4	30.000			Slovenian
			Vikom Radio	radio	DVB-S	3/4	30.000			
			Radio 1	radio	DVB-S	3/4	30.000			Slovenian
			Yu Planet Radio	radio	DVB-S	3/4	30.000			Serbian
			Radio Svet Plus	radio	DVB-S	3/4	30.000			Serbian
			Posavski Radio	radio	DVB-S	3/4	30.000			Croatian
			Top 3 Radio	radio	DVB-S	3/4	30.000			Serbian
			Radio Posavina	radio	DVB-S	3/4	30.000			Croatian
			Radio Biser Posavine	radio	DVB-S	3/4	30.000			
			Narodni Radio	radio	DVB-S	3/4	30.000			Croatian
			Tref Radio	radio	DVB-S	3/4	30.000			Serbian
			Radio Glas Drine	radio	DVB-S	3/4	30.000			Bosnian
			Radio Balkan	radio	DVB-S	3/4	30.000			

W2M (16°EAST)

D 10.972	V	Wide	Total TV	package	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		
			Animal Planet Europe	TV	DVB-S	3/4	27.500	Videoguard		English
			Viasat Explorer	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		English
			TV 1000 Balkan	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		English
			Free-X TV 2	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		English
			X-Dream TV	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		English
			Minimax Romania	TV	DVB-S	3/4	27.500	Videoguard		Serbian
			Eurosport	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		Serbian,English,Bulgarian
			Discovery Channel Europe	TV	DVB-S	3/4	27.500	Videoguard		English
			Sci Fi Channel East Europe	TV	DVB-S	3/4	27.500	Videoguard		English
			E! EMEA	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		English
			Cinemax Central Europe	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		Serbian,Croatian,Slovenian,Bulgarian
			Viasat History	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		English
			Film + Serbia	TV	DVB-S	3/4	27.500	Videoguard		Serbian
D 11.011	V	Wide	Total TV	package	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		
			Premium Digital	TV	DVB-S	3/4	27.500	Cryptoworks/Videoguard		Bulgarian
			Disney Channel Romania & Bulgaria	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		Bulgarian,Romanian
			BNT 1	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		Bulgarian

4 November 2010

Page 59 of 71

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				
D 11.283	H	Wide	Animal Planet Europe	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		English
			Fiesta TV	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		Bulgarian
			BTV	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		Bulgarian
			Discovery Channel Bulgaria	TV	DVB-S	3/4	27.500	Cryptoworks/Videoguard		Bulgarian,English
			Ring.bg	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		Bulgarian
			Hustler TV Europe	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		English
			BNT Sat	TV	DVB-S	3/4	27.500			Bulgarian
			Pro.bg	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		Bulgarian
			Diema	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		Bulgarian
			Diema F	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		Bulgarian
			TV 7	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		Bulgarian
			Diema 2	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		Bulgarian
			National Geographic Channel Bulgaria	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		English,Bulgarian
			National Geographic Channel România	TV	DVB-S	3/4	27.500	Conax/Cryptoworks/Videoguard		English
			Horizont	radio	DVB-S	3/4	27.500			Bulgarian
			Radyo Lojik	radio	DVB-S	3/4	27.500			Turkish
			<u>Tring Digital</u>	package	DVB-S	5/6	27.500	Conax/Cryptoworks/Videoguard		
			Tring Sport News	TV	DVB-S	5/6	27.500	Conax		Albanian
			Tring Planet	TV	DVB-S	5/6	27.500	Conax		English
			Hustler TV Europe	TV	DVB-S	5/6	27.500	Conax		English
			Era TV	TV	DVB-S	5/6	27.500	Conax		Albanian
			Kohavision	TV	DVB-S	5/6	27.500	Conax		Albanian
			RTV 21 Sat	TV	DVB-S	5/6	27.500	Conax		Albanian
			Tring Super	TV	DVB-S	5/6	27.500	Conax		Albanian
			Tring Life	TV	DVB-S	5/6	27.500	Conax		Albanian
			Folk +	TV	DVB-S	5/6	27.500			Albanian
			Tring Comedy	TV	DVB-S	5/6	27.500	Conax		Albanian
			MTV Europe	TV	DVB-S	5/6	27.500	Conax/Cryptoworks		English
			Disney XD Middle East	TV	DVB-S	5/6	27.500	Conax/Cryptoworks		English,Bulgarian
			3 Plus	TV	DVB-S	5/6	27.500	Conax		Albanian
			RTV 21 Plus	TV	DVB-S	5/6	27.500	Conax		Albanian
			Tring Tring	TV	DVB-S	5/6	27.500	Conax		Albanian
			VH1 Europe A	TV	DVB-S	5/6	27.500	Conax/Cryptoworks/Videoguard		English
VIP Shpjija	TV	DVB-S	5/6	27.500	Conax		Albanian			
Vizion Plus	TV	DVB-S	5/6	27.500			Albanian			
Tring Max	TV	DVB-S	5/6	27.500	Conax		Albanian			
Tring World	TV	DVB-S	5/6	27.500	Conax		Albanian			
Tring Shqip	TV	DVB-S	5/6	27.500	Conax		Albanian			
Kanali 7	TV	DVB-S	5/6	27.500			Albanian			
Club FM	radio	DVB-S	5/6	27.500			Albanian			
+2 Radio	radio	DVB-S	5/6	27.500						
NRG Radio Albania	radio	DVB-S	5/6	27.500			Albanian			
D 11.492	H	Madagascar	<u>Parabole Océan Indien</u>	package	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		
			Téva	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			BFM TV	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Discovery Real Time France	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Cinecinema Émotion	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Antenne Réunion	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Mangas	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Cinecinema Premier	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			TéléToon France	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Chasse & Pêche	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			RFO Tempo	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Cinecinema Famiz	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Cinecinema Star	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Cinecinema Classic	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Disney XD France	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Série Club	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			TF 6	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			TF 1	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Télé Réunion	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			RTL 9	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Discovery Channel France	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			SuperSport 3 Africa	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		English
			Cinecinema Frisson	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Noot TV	TV	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Radio Festival	radio	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Chérie FM	radio	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French
			Radio One	radio	DVB-S	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French

Freq (GHz)	Pol	Beam	Channel	Analogue		Text	Access	Lang.
				Digital	Audio MHz FEC			
D 11.554	H	Madagascar	Exo FM	radio	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			Kréol FM	radio	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			Koi FM	radio	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			NRJ Réunion	radio	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			RER	radio	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			<u>CanalSat Réunion</u>	package	DVB-S	3/4	30.000 Mediaguard 2	
			13ème Rue	TV	DVB-S	3/4	30.000 Mediaguard 2	French
			TV 5 Monde Afrique	TV	DVB-S	3/4	30.000 Mediaguard 2	French
			+ de Sport 2	TV	DVB-S	3/4	30.000 Mediaguard 2	French
			Planète France	TV	DVB-S	3/4	30.000 Mediaguard 2	French
			MCM France	TV	DVB-S	3/4	30.000 Mediaguard 2	French
			Canal J	TV	DVB-S	3/4	30.000 Mediaguard 2	French
			RFO Tempo	TV	DVB-S	3/4	30.000 Mediaguard 2	French
			France Ô	TV	DVB-S	3/4	30.000 Mediaguard 2	French
			Voyage	TV	DVB-S	3/4	30.000 Mediaguard 2	French
			I>Télé	TV	DVB-S	3/4	30.000 Mediaguard 2	French
			Paris Première	TV	DVB-S	3/4	30.000 Mediaguard 2	French
			W9	TV	DVB-S	3/4	30.000 Mediaguard 2	French
			TCM France	TV	DVB-S	3/4	30.000 Mediaguard 2	French,English
			Eurosport France	TV	DVB-S	3/4	30.000 Mediaguard 2	French
			Trace TV	TV	DVB-S	3/4	30.000 Mediaguard 2	French
			Disney Channel France	TV	DVB-S	3/4	30.000 Mediaguard 2	French
			LCI	TV	DVB-S	3/4	30.000 Mediaguard 2	French
L'Équipe TV	TV	DVB-S	3/4	30.000 Mediaguard 2	French			
TMC	TV	DVB-S	3/4	30.000 Mediaguard 2	French			
D 11.596	H	Madagascar	<u>Parabole Océan Indien</u>	package	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	
			InfoSport	TV	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			Comedie	TV	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			Piwi	TV	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			TV Breizh	TV	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	
			Star Plus	TV	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	Hindi
			M6 Music Hits	TV	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			LCI	TV	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			Stylia	TV	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			M6	TV	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			TPS Foot	TV	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			SuperSport 7 Africa	TV	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	English
			M6 Music Black	TV	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			AB Moteurs	TV	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			Eurosport France	TV	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			Equidia	TV	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			Planète Justice	TV	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			LCP	TV	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			CNN International	TV	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	English
			Eurosport 2	TV	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			Disney XD France	TV	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			Escales	TV	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			TPS Star	TV	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			Radio Musique Infos Mayotte	radio	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	
			Europe 1	radio	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			Radio Tana	radio	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	
			Gasy Radio	radio	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	
			Nostalgie la légende	radio	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			RTL	radio	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			Europe 1 Sport	radio	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			RCF	radio	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			Free Dom	radio	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
			Radio Plus FM	radio	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French
Radio Réunion	radio	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French			
Radio Classique	radio	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5	French			
Top FM	radio	DVB-S	3/4	29.950 Viaccess 2.3/Viaccess 2.5				

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	
			AXN Portugal	TV	DVB-S2	2/3	22.400 Viaccess 2.6	Portuguese
			Animax Iberia	TV	DVB-S2	2/3	22.400 Viaccess 2.5	Portuguese
			National Geographic Channel Türkiye	TV	DVB-S2	2/3	22.400 Viaccess 2.5	Turkish,English
			SET Portugal	TV	DVB-S2	2/3	22.400 Viaccess 2.6	Portuguese

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
			National Geographic Channel Portugal	TV	DVB-S2	2/3	22.400	Viaccess 2.5	Portuguese,English
			Canal Català TV	TV	DVB-S2	2/3	22.400		Catalan
			Fox Life Greece	TV	DVB-S2	2/3	22.400	BISS	Greek,English
			National Geographic Channel HD Russia & Turkey	TV	DVB-S2	2/3	22.400	Viaccess 2.6	Spanish,English,English,Turkish,Russian
			FX Greece	TV	DVB-S2	2/3	22.400	BISS	Greek,English
			Nat Geo Adventure	TV	DVB-S2	2/3	22.400	Viaccess 2.5	English,Turkish
			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
D 11.408	V	Europe	Skylogic	interacti	DVB-S	3/4	27.500		
D 11.428	H	Europe	OpenSky	interacti	DVB-S	5/6	30.000		
D 12.515	H	Europe	<u>Dahlia TV</u>	package	DVB-S	3/4	17.455	Irdeto 2	
			K2	TV	DVB-S	3/4	17.455		Italian
			La 7	TV	DVB-S	3/4	Y 17.455		Italian
			Dahlia Adult Gay	TV	DVB-S	3/4	17.455	Irdeto 2	Italian
			Dahlia promo	TV	DVB-S	3/4	17.455		Italian
			Dahlia Extra	TV	DVB-S	3/4	17.455	Irdeto 2	Italian
			Dahlia Sport 2	TV	DVB-S	3/4	17.455	Irdeto 2	Italian
			Dahlia Explorer	TV	DVB-S	3/4	17.455	Irdeto 2	Italian
			Dahlia Adult 2	TV	DVB-S	3/4	17.455	Irdeto 2	Italian
			Dahlia Adult	TV	DVB-S	3/4	17.455	Irdeto 2	Italian
			Dahlia Sport	TV	DVB-S	3/4	17.455	Irdeto 2	Italian
			Dahlia Calcio 4	TV	DVB-S	3/4	17.455	Irdeto 2	Italian
			Dahlia Calcio 1	TV	DVB-S	3/4	17.455	Irdeto 2	Italian
			Dahlia Calcio 3	TV	DVB-S	3/4	17.455	Irdeto 2	Italian
			Dahlia Calcio 2	TV	DVB-S	3/4	17.455	Irdeto 2	Italian
			Dahlia Xtreme	TV	DVB-S	3/4	17.455	Irdeto 2	Italian
D 12.545	H	Europe	<u>Telecom Italia Media</u>	package	DVB-S	3/4	17.455		
			Mya +1	TV	DVB-S	3/4	17.455	Nagravision 3	Italian
			Sportitalia 2	TV	DVB-S	3/4	17.455		Italian
			La 5	TV	DVB-S	3/4	17.455		Italian
			La 7 d	TV	DVB-S	3/4	17.455		Italian
			MTV Italia	TV	DVB-S	3/4	Y 17.455		Italian
			Palermo Channel TV	TV	DVB-S	3/4	17.455	Irdeto 2	Italian
			Sportitalia	TV	DVB-S	3/4	17.455		Italian
			QVC Italia	TV	DVB-S	3/4	17.455		Italian
D 12.718	H	Europe	La 7	TV	DVB-S2	3/4	36.510		Italian
D 12.718	H	Europe	MTV Italia	TV	DVB-S2	3/4	36.510		Italian
D 12.718	H	Europe	La 5	TV	DVB-S2	3/4	36.510		Italian

ATLANTIC BIRD 2 (8°WEST)

D 11.133	H	Europe	SkyDSL	interacti	DVB-S2	2/3	17.000		
D 11.178	H	Europe	<u>Orbit Showtime Network</u>	package	DVB-S	3/4	27.500	Mediaguard 2	
			Cinema 1	TV	DVB-S	3/4	27.500	Mediaguard 2	Arabic
			Fann	TV	DVB-S	3/4	27.500	Mediaguard 2	Arabic
			Al Safwa	TV	DVB-S	3/4	27.500	Mediaguard 2	Arabic
			Al Yawm	TV	DVB-S	3/4	27.500	Mediaguard 2	Arabic
			Pinoy Extreme	TV	DVB-S	3/4	27.500	Mediaguard 2	Tagalog
			Arabic Series +4	TV	DVB-S	3/4	27.500	Mediaguard 2	Arabic
			Cinema 2	TV	DVB-S	3/4	27.500	Mediaguard 2	Arabic
			GMA Pinoy TV Europe	TV	DVB-S	3/4	27.500	Mediaguard 2	Tagalog
			Barangay LS 97.1	radio	DVB-S	3/4	27.500	Mediaguard 2	Tagalog
D 11.554	V	Middle Eas	<u>Gulfsat</u>	package	DVB-S	3/4	27.500		
			Q8 Vote promo	TV	DVB-S	3/4	27.500		Arabic
			Al Shahid TV	TV	DVB-S	3/4	27.500		Arabic
			Al-Arab Channel	TV	DVB-S	3/4	27.500		Arabic
			Al-Zahra TV	TV	DVB-S	3/4	27.500		Arabic
			Ana TV Channel	TV	DVB-S	3/4	27.500		
			Rawasy TV	TV	DVB-S	3/4	27.500		Arabic
			Al Bawadi TV	TV	DVB-S	3/4	27.500		
			Alwatan TV	TV	DVB-S	3/4	27.500		Arabic
			Channel 4 Teen	TV	DVB-S	3/4	27.500		
			Suhail TV	TV	DVB-S	3/4	27.500		
			Alwatan Plus	TV	DVB-S	3/4	27.500		Arabic
			Alwatan Ghanawi TV	TV	DVB-S	3/4	27.500		Arabic
D 11.595	V	Middle Eas	<u>Gulfsat</u>	package	DVB-S	3/4	27.500		
			Alwatan Galtah	TV	DVB-S	3/4	27.500		Arabic
			Ritmo TV	TV	DVB-S	3/4	27.500		Arabic

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.
				Digital	FEC			
			Al Awhad	TV	DVB-S	3/4	27.500	Arabic
			Alanwar TV 2	TV	DVB-S	3/4	27.500	Arabic
			Ebony promo	TV	DVB-S	3/4	27.500	Arabic
			Alatta TV promo	TV	DVB-S	3/4	27.500	Arabic
			Tayba TV	TV	DVB-S	3/4	27.500	Arabic

ATLANTIC BIRD™ 3 (5°WEST)

D 10.972	V	Super	<u>Fransat</u>	package	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	
			France 3 Côte d'Azur	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Alpes	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			TéléGrenoble Isère	TV	DVB-S	7/8	29.950		French
			Mirabelle TV	TV	DVB-S	7/8	29.950		French
			France 3 Languedoc	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Rhône-Alpes	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Nord-Pas de Calais	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Bourgogne	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Auvergne	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Basse-Normandie	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Aquitaine	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Franche-Comté	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Picardie	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Limousin	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
D 11.054	V	Super	<u>Eutelsat</u>	package	DVB-S	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	
			France 3 Pays de la Loire	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Lorraine	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			Ma Chaîne Étudiante	TV	DVB-S	7/8	29.950	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	French
			France 3 Haute-Normandie	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Corse Via Stella	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			Equidia	TV	DVB-S	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			France 3 Alsace	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Bretagne	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Champagne-Ardenne	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Poitou-Charentes	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Paris IdF	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Centre	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Provence-Alpes	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
			France 3 Midi-Pyrénées	TV	DVB-S	7/8	29.950	Viaccess 3.0/Viaccess 4.0	French
D 11.065	H	Algeria	<u>TDA</u>	package	DVB-S	3/4	18.085		
			Algérie 4	TV	DVB-S	3/4	18.085		
			ENTV	TV	DVB-S	3/4	18.085	BISS	Arabic
			Thalitha TV	TV	DVB-S	3/4	18.085		Arabic
			Canal Algérie	TV	DVB-S	3/4	18.085		Arabic
			Algérie 5	TV	DVB-S	3/4	18.085		Arabic
			Radio Algérie Internationale	radio	DVB-S	3/4	18.085		
			Chaîne 3	radio	DVB-S	3/4	18.085		French
			Radio Jijel	radio	DVB-S	3/4	18.085		
			Radio Tlemcen	radio	DVB-S	3/4	18.085		
			Radio Sahel	radio	DVB-S	3/4	18.085		
			Radio Naama	radio	DVB-S	3/4	18.085		
			Radio Batna	radio	DVB-S	3/4	18.085		
			Radio Saoura	radio	DVB-S	3/4	18.085		
			Radio Essouhoub	radio	DVB-S	3/4	18.085		
			Radio Tindouf	radio	DVB-S	3/4	18.085		Arabic
			Radio Ghardaïa	radio	DVB-S	3/4	18.085		Arabic
			Radio Ahaggar	radio	DVB-S	3/4	18.085		Arabic
			Chaîne 2	radio	DVB-S	3/4	18.085		Berber
			Radio Souk Ahras	radio	DVB-S	3/4	18.085		Arabic
			Radio Souf	radio	DVB-S	3/4	18.085		
			Radio Adrar	radio	DVB-S	3/4	18.085		Arabic
			Chaîne 1	radio	DVB-S	3/4	18.085		Arabic
			Radio Illizi	radio	DVB-S	3/4	18.085		
D 11.096	V	Super	<u>Fransat</u>	package	DVB-S	7/8	29.950	Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			France 2	TV	DVB-S	7/8	29.950	Viaccess 2.6/Viaccess 4.0	French
			Vosges TV	TV	DVB-S	7/8	29.950		French
			NRJ Paris	TV	DVB-S	7/8	29.950		French
			TV 8 Mont Blanc	TV	DVB-S	7/8	29.950		French
			KTO	TV	DVB-S	7/8	29.950		French
			TF 1	TV	DVB-S	7/8	29.950	Viaccess 4.0	French

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text	Access	Lang.
				Digital	FEC	MHz			
							MSy/s		
D 11.471	V	Super	M6	TV	DVB-S	7/8	29.950	Viaccess 4.0	French
			Normandie TV	TV	DVB-S	7/8	29.950		French
			ARTE Français	TV	DVB-S	7/8	29.950	Viaccess 4.0	French,German
			<u>Orange</u>	package	DVB-S2	2/3	29.950	Viaccess 3.0	
			Piwi	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
			TéléToon France	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
			Boomerang France	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
			MCM France	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
			Orange cinenovo	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
			KidsCo	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French
			Boing Italia	TV	DVB-S2	2/3	29.950	Viaccess 3.0	Italian
			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
Orange cinechoc	TV	DVB-S2	2/3	29.950	Viaccess 3.0	French,English			
D 11.512	V	Super	<u>Bis</u>	package	DVB-S	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	
			Encyclo	TV	DVB-S	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			TV 5 Monde FBS	TV	DVB-S	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			Dorcel TV	TV	DVB-S	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French,German,English
			XXL	TV	DVB-S	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			Ciné Polar	TV	DVB-S	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			Ciné FX	TV	DVB-S	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			Action	TV	DVB-S	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			Toute l'Histoire	TV	DVB-S	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			France Ô	TV	DVB-S	7/8	29.950	Viaccess 2.5/Viaccess 4.0	French
			Animaux	TV	DVB-S	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			Escales	TV	DVB-S	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			Game One	TV	DVB-S	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			Orange sport info	TV	DVB-S	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			AB Moteurs	TV	DVB-S	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			AB 1	TV	DVB-S	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			Mangas	TV	DVB-S	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			RTL 9	TV	DVB-S	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
			Chasse & Pêche	TV	DVB-S	7/8	29.950	Viaccess 2.5/Viaccess 4.0	French
			D 11.554	V	Super	<u>Fransat</u>	package	DVB-S	7/8
BFM TV	TV	DVB-S				7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
Gulli	TV	DVB-S				7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
TF 1	TV	DVB-S				7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
↳Télé	TV	DVB-S				7/8	29.950	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	French
M6	TV	DVB-S				7/8	Y 29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
France 4	TV	DVB-S				7/8	29.950	Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	French
NRJ 12	TV	DVB-S				7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French,English
NT1	TV	DVB-S				7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
TMC	TV	DVB-S				7/8	29.950		French
W9	TV	DVB-S				7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
Direct 8	TV	DVB-S				7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
ARTE Français	TV	DVB-S				7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French,German
Direct Star	TV	DVB-S				7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	French
D 11.591	V	Super				<u>France TV</u>	package	DVB-S	2/3
			France 2	TV	DVB-S	2/3	20.000		French
			France 3 Sat	TV	DVB-S	2/3	Y 20.000		French
			France 5	TV	DVB-S	2/3	20.000		French
			France Ô	TV	DVB-S	2/3	20.000		French
			LCP	TV	DVB-S	2/3	20.000		French
A 12.522	V	Super	M6	TV	SECAM	5.80	Y	French	
D 12.543	H	Super	<u>GlobeCast</u>	package	DVB-S	3/4	27.500		
			RCF Saint Martin	radio	DVB-S	3/4	27.500		French
			Fréquence But	radio	DVB-S	3/4	27.500		French
			RCF Pays de l'Ain	radio	DVB-S	3/4	27.500		French
			RCF Lumières	radio	DVB-S	3/4	27.500		French
			France Bleu Île de France	radio	DVB-S	3/4	27.500		French
			France Bleu Frequenza Mora	radio	DVB-S	3/4	27.500		French
			FIP	radio	DVB-S	3/4	27.500		French
			France Bleu	radio	DVB-S	3/4	27.500		French
			Capytol	radio	DVB-S	3/4	27.500		French
			Radio GiFi	radio	DVB-S	3/4	27.500		
			Lloydspharmacy Live	radio	DVB-S	3/4	27.500	Viaccess 2.4	
			Radio Soleil	radio	DVB-S	3/4	27.500		

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz			Text MSy/s	Access	Lang.
				Digital	FEC				
			Fréquence Conforama	radio	DVB-S	3/4	27.500		French
			RCF Besançon	radio	DVB-S	3/4	27.500		French
			RCF Haute Alpes	radio	DVB-S	3/4	27.500		French
			RCF Bordeaux	radio	DVB-S	3/4	27.500		French
			RCF Région 41	radio	DVB-S	3/4	27.500		French
			RCF Vivarais	radio	DVB-S	3/4	27.500		French
			RCF Pays d'Aude	radio	DVB-S	3/4	27.500		French
			RCF Berry	radio	DVB-S	3/4	27.500		French
			SPAR Live	radio	DVB-S	3/4	27.500	Viaccess 2.4	
			RCF Région 26	radio	DVB-S	3/4	27.500		French
			RCF Jerico Nancy	radio	DVB-S	3/4	27.500		French
			RCF Savoie	radio	DVB-S	3/4	27.500		French
			RCF	radio	DVB-S	3/4	27.500		French
			RCF Le Puy en Velay	radio	DVB-S	3/4	27.500		French
			RCF Haute Savoie	radio	DVB-S	3/4	27.500		French
			RCF Parabole Dijon	radio	DVB-S	3/4	27.500		French
			RCF Haute Normandie	radio	DVB-S	3/4	27.500		French
			RCF Reims Ardennes	radio	DVB-S	3/4	27.500		French
			RCF Lyon Fourvière	radio	DVB-S	3/4	27.500		French
			RCF Correze	radio	DVB-S	3/4	27.500		French
A 12.564	V	Super	France 2	TV	SECAM	5.80	Y		French
A 12.606	V	Super	France 5	TV	SECAM	5.80	Y		French
A 12.606	V	Super	ARTE Français	TV	SECAM	5.80	Y		French
A 12.648	V	Super	Canal + France	TV	SECAM	6,07,02/7,20	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-S	1/2	30.000	Irdeto 2/Verimatrix	
			TFC Middle East	TV	DVB-S	1/2	30.000	Irdeto 2/Verimatrix	Tagalog
			Kapamilya Channel	TV	DVB-S	1/2	30.000	Irdeto 2/Verimatrix	Tagalog
			DZMM TeleRadyo	TV	DVB-S	1/2	30.000	Irdeto 2/Verimatrix	Tagalog
			TFC Europe	TV	DVB-S	1/2	30.000	Irdeto 2/Verimatrix	Tagalog
			ANC	TV	DVB-S	1/2	30.000	Irdeto 2/Verimatrix	English
			Cinema One	TV	DVB-S	1/2	30.000	Irdeto 2/Verimatrix	Tagalog
			DZMM	radio	DVB-S	1/2	30.000	Irdeto 2/Verimatrix	Tagalog
			Tambayan 101.9	radio	DVB-S	1/2	30.000	Irdeto 2/Verimatrix	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-S	3/4	27.500		
			Selaa TV	TV	DVB-S	3/4	27.500		Arabic
			Baraem	TV	DVB-S	3/4	27.500		Arabic
			Majan TV Channel	TV	DVB-S	3/4	27.500		Arabic
			Press TV	TV	DVB-S	3/4	27.500		English
			Al Shabab TV	TV	DVB-S	3/4	27.500		Arabic
			Korea TV	TV	DVB-S	3/4	27.500		Arabic
			Al Fardeen TV	TV	DVB-S	3/4	27.500		Arabic
			Alafasy 2	TV	DVB-S	3/4	27.500		Arabic
D 10.720	H	Middle Eas	<u>Gulfsat</u>	package	DVB-S	3/4	27.500		
			Al Ataa TV	TV	DVB-S	3/4	27.500		Arabic
			Al Karma TV	TV	DVB-S	3/4	27.500		Arabic
			Al Ruqya	TV	DVB-S	3/4	27.500		Arabic
			One Nation	TV	DVB-S	3/4	27.500		Arabic
			Art Libya	TV	DVB-S	3/4	27.500		Arabic
			Eskan TV	TV	DVB-S	3/4	27.500		Arabic
			Natural TV	TV	DVB-S	3/4	27.500		Turkish
			Physique TV	TV	DVB-S	3/4	27.500		Arabic
			Al Islah TV	TV	DVB-S	3/4	27.500		Arabic
			Alanwar TV 2	TV	DVB-S	3/4	27.500		Arabic
			Al Shahid TV	TV	DVB-S	3/4	27.500		Arabic
			Hodhod TV	TV	DVB-S	3/4	27.500		Arabic
			Radio Almahabba 2	radio	DVB-S	3/4	27.500		Arabic
D 10.758	V	Middle Eas	<u>Nilesat</u>	package	DVB-S	3/4	27.500		
			Sada TV	TV	DVB-S	3/4	27.500		Arabic
			Dorraah TV	TV	DVB-S	3/4	27.500		Arabic
			Education Channel 6	TV	DVB-S	3/4	27.500		Arabic
			Education Channel 5	TV	DVB-S	3/4	27.500		Arabic
			Al Maaly TV	TV	DVB-S	3/4	27.500		Arabic
			Future International	TV	DVB-S	3/4	27.500		Arabic
			OK TV	TV	DVB-S	3/4	27.500		Arabic
			Bin Othaimen	TV	DVB-S	3/4	27.500		Arabic

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 10.775	H	Middle Eas	Al Soyoof TV	TV	DVB-S	3/4	27.500		Arabic			
			Auto 1 TV	TV	DVB-S	3/4	27.500		Arabic			
			Almajd Al Hadeeth Al Nabawy	TV	DVB-S	3/4	27.500		Arabic			
			<u>Nilesat</u>	package	DVB-S	3/4	27.500					
			Panorama Drama 2	TV	DVB-S	3/4	27.500		Arabic			
			Tunisie 21	TV	DVB-S	3/4	27.500		Arabic			
			Al Iraq Al Tarbawiyah	TV	DVB-S	3/4	27.500		Arabic			
			Claquette TV	TV	DVB-S	3/4	27.500					
			Al-Qiethara TV	TV	DVB-S	3/4	27.500		Arabic			
			Al Farashah	TV	DVB-S	3/4	27.500		Arabic			
			Diewan Alarab TV	TV	DVB-S	3/4	27.500		Arabic			
			Al Ghadeer Satellite Channel	TV	DVB-S	3/4	27.500		Arabic			
			Cairo Drama	TV	DVB-S	3/4	27.500		Arabic			
			Cairo Cinema	TV	DVB-S	3/4	27.500		Arabic			
D 10.796	V	Middle Eas	<u>Nilesat</u>	package	DVB-S	3/4	27.500					
			KurdSat	TV	DVB-S	3/4	27.500		Kurdish			
			Al Tejarah TV	TV	DVB-S	3/4	27.500		Arabic			
			Massaya TV	TV	DVB-S	3/4	27.500		Arabic			
			Al Amaken Satellite Channel	TV	DVB-S	3/4	27.500		Arabic			
			Oman TV 2	TV	DVB-S	3/4	27.500		Arabic			
			Al Mukhtalif	TV	DVB-S	3/4	27.500		Arabic			
			Al Emarah	TV	DVB-S	3/4	27.500		Arabic			
			Addounia TV	TV	DVB-S	3/4	27.500		Arabic			
			Zagros TV	TV	DVB-S	3/4	27.500		Kurdish			
			TV Alahad	TV	DVB-S	3/4	27.500		Arabic			
			Tunisie 7	TV	DVB-S	3/4	27.500		Arabic			
			Melody Drama 2	TV	DVB-S	3/4	27.500		Arabic			
			Radio Zitouna FM	radio	DVB-S	3/4	27.500		Arabic			
			Zagros Radio	radio	DVB-S	3/4	27.500		Kurdish			
			Radio Tunis Chaîne Internationale	radio	DVB-S	3/4	27.500					
			Radio Nationale	radio	DVB-S	3/4	27.500		Arabic			
			Tunisie Culture	radio	DVB-S	3/4	27.500		Arabic			
			A 10.834	V	Middle Eas	<u>Orbit Showtime Network</u>	package	DVB-S2	2/3	27.500	Betacrypt	
						Nat Geo Wild HD Europe	TV	DVB-S2	2/3	27.500	Betacrypt	English
ShowSports 1 HD	TV	DVB-S2				2/3	27.500	Betacrypt	English			
OSN Movies HD	TV	DVB-S2				2/3	27.500	Betacrypt	English			
Outdoor Channel	TV	DVB-S2				2/3	27.500	Betacrypt	English			
Food Network HD	TV	DVB-S2				2/3	27.500	Betacrypt	English			
D 10.873	V	Middle Eas	<u>Noorsat</u>	package	DVB-S	3/4	27.500					
			Al Haqeeqa al Dawliyah	TV	DVB-S	3/4	27.500		Arabic			
			All TV	TV	DVB-S	3/4	27.500		Arabic			
			Nour TV	TV	DVB-S	3/4	27.500		Farsi			
			Awal TV	TV	DVB-S	3/4	27.500		Arabic			
			Al Entekhabiyah Al Ordoniyah	TV	DVB-S	3/4	27.500		Arabic			
			Siba TV	TV	DVB-S	3/4	27.500		Arabic			
			Al Zeraah	TV	DVB-S	3/4	27.500		Arabic			
			Al Arrab TV	TV	DVB-S	3/4	27.500		Arabic			
			NART TV	TV	DVB-S	3/4	27.500		Arabic			
			Top Movies	TV	DVB-S	3/4	27.500		English			
			TRT 6	TV	DVB-S	3/4	27.500		Kurdish			
			Seraj	TV	DVB-S	3/4	27.500		Arabic			
			Speda Channel	TV	DVB-S	3/4	27.500		Arabic			
			Ahlulbayt TV	TV	DVB-S	3/4	27.500		English			
			ANB	TV	DVB-S	3/4	27.500		Arabic			
			Zweina Baladna	TV	DVB-S	3/4	27.500		Arabic			
			Al Soufia	TV	DVB-S	3/4	27.500		Arabic			
			Al Maaref Radio	radio	DVB-S	3/4	27.500		Arabic			
			D 10.892	H	Middle Eas	<u>Noorsat</u>	package	DVB-S	3/4	27.500		
Gali Kurdistan	TV	DVB-S				3/4	27.500		Kurdish			
Mix TV	TV	DVB-S				3/4	27.500		Arabic			
Al Motawssit	TV	DVB-S				3/4	27.500		Arabic			
Karbala Satellite Channel	TV	DVB-S				3/4	27.500		Arabic			
UM TV	TV	DVB-S				3/4	27.500		Arabic			
KNN Channel	TV	DVB-S				3/4	27.500		Kurdish			
OTV	TV	DVB-S				3/4	27.500		Arabic			
Oscar Drama	TV	DVB-S				3/4	27.500		Arabic			
Zweina Baladna	TV	DVB-S				3/4	27.500		Arabic			
Vin TV	TV	DVB-S				3/4	27.500		Kurdish			
RT Arabic	TV	DVB-S				3/4	27.500		Arabic			
Alhayat Mosalsalat	TV	DVB-S				3/4	27.500		Arabic			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 10.911	V	Middle Eas	Al Rasheed TV	TV	DVB-S	3/4	27.500		Arabic			
			Al-Alamia	TV	DVB-S	3/4	27.500		Arabic			
			Alhayat Cinema	TV	DVB-S	3/4	27.500		Arabic			
			Radio Nawa Kurdish	radio	DVB-S	3/4	27.500		Kurdish			
			Al Rasheed FM	radio	DVB-S	3/4	27.500					
			<u>Noorsat</u>	package	DVB-S	3/4	27.500					
			Al Tarbaweyah al Soriyah	TV	DVB-S	3/4	27.500		Arabic			
			Auto Moto TV	TV	DVB-S	3/4	27.500		Arabic			
			Al Mustakillah TV	TV	DVB-S	3/4	27.500		Arabic			
			Al Hiwar TV	TV	DVB-S	3/4	27.500		Arabic			
			Kanal 4	TV	DVB-S	3/4	27.500		Kurdish			
			Thaqalayn TV	TV	DVB-S	3/4	27.500					
			Orient TV	TV	DVB-S	3/4	27.500		Arabic			
			Tawazon TV	TV	DVB-S	3/4	27.500		Arabic			
			Soufia Channel TV	TV	DVB-S	3/4	27.500		Arabic			
			Syria Drama	TV	DVB-S	3/4	27.500		Arabic			
			Abu Dhabi Al Oula +1	TV	DVB-S	3/4	27.500		Arabic			
			Abu Dhabi Al Emarat	TV	DVB-S	3/4	27.500		Arabic			
			TRT Arapça	TV	DVB-S	3/4	27.500		Arabic			
			Al Fayhaa TV	TV	DVB-S	3/4	27.500		Arabic			
El-Bernameg Al-Aam	radio	DVB-S	3/4	27.500		Arabic						
Iza'at Sawt Alaqsaa	radio	DVB-S	3/4	27.500		Arabic						
Radio Sout Al-Sha'ab	radio	DVB-S	3/4	27.500		Arabic						
Radio Sout Al-Shbab	radio	DVB-S	3/4	27.500		Arabic						
D 10.930	H	Middle Eas	<u>Jordan Media City</u>	package	DVB-S	3/4	27.500					
			Al Etejah Satellite Channel	TV	DVB-S	3/4	27.500		Arabic			
			Algérie 5	TV	DVB-S	3/4	27.500					
			Jaya TV	TV	DVB-S	3/4	27.500	Irdeto 2/Viaccess 3.0	Tamil			
			Algérie 4	TV	DVB-S	3/4	27.500					
			Aaj News	TV	DVB-S	3/4	27.500	Irdeto 2/Viaccess 3.0	Urdu			
			Aghanina TV	TV	DVB-S	3/4	27.500		Arabic			
			Al Senaanea	TV	DVB-S	3/4	27.500		Arabic			
			Indus Vision	TV	DVB-S	3/4	27.500	Irdeto 2/Viaccess 3.0	Urdu			
			Al Babeleyia Sat Channel	TV	DVB-S	3/4	27.500		Arabic			
			ART Tarab	TV	DVB-S	3/4	27.500	Irdeto 2/Viaccess 3.0	Arabic			
			Sawt Al Madina	radio	DVB-S	3/4	27.500		Arabic			
			Al Quran Al Kareem Radio	radio	DVB-S	3/4	27.500		Arabic			
			D 10.949	V	Middle Eas	<u>Noorsat</u>	package	DVB-S	3/4	27.500		
						Thaqalayn TV	TV	DVB-S	3/4	27.500		
						Aqsa Satellite Channel	TV	DVB-S	3/4	27.500		Arabic
						Syria Drama	TV	DVB-S	3/4	27.500		Arabic
Tawazon TV	TV	DVB-S				3/4	27.500		Arabic			
Al Mustakillah TV	TV	DVB-S				3/4	27.500		Arabic			
Al Tarbaweyah al Soriyah	TV	DVB-S				3/4	27.500		Arabic			
Abu Dhabi Al Emarat	TV	DVB-S				3/4	27.500		Arabic			
Abu Dhabi Al Oula +1	TV	DVB-S				3/4	27.500		Arabic			
Al Fayhaa TV	TV	DVB-S				3/4	27.500		Arabic			
Orient TV	TV	DVB-S				3/4	27.500		Arabic			
Al Hiwar TV	TV	DVB-S				3/4	27.500		Arabic			
TRT Arapça	TV	DVB-S				3/4	27.500		Arabic			
Auto Moto TV	TV	DVB-S				3/4	27.500		Arabic			
El-Bernameg Al-Aam	radio	DVB-S				3/4	27.500		Arabic			
Radio Sout Al-Shbab	radio	DVB-S				3/4	27.500		Arabic			
Iza'at Sawt Alaqsaa	radio	DVB-S				3/4	27.500		Arabic			
Radio Sout Al-Sha'ab	radio	DVB-S	3/4	27.500		Arabic						
D 10.992	V	Middle Eas	<u>ViewAfrica Network</u>	package	DVB-S	3/4	27.485					
			Aden	TV	DVB-S	3/4	27.485		Arabic			
			Ahlulbayt Satellite Channel	TV	DVB-S	3/4	27.485		Arabic			
			Miracle	TV	DVB-S	3/4	27.485		Arabic			
			Al-Eman	TV	DVB-S	3/4	27.485		Arabic			
			Sheba TV	TV	DVB-S	3/4	27.485		Arabic			
			Asia TV	TV	DVB-S	3/4	27.485		Arabic			
			Safa TV	TV	DVB-S	3/4	27.485		Arabic			
			Madani Channel	TV	DVB-S	3/4	27.485		Urdu			
			Wesal TV	TV	DVB-S	3/4	27.485		Arabic			
			Al Islah TV	TV	DVB-S	3/4	27.485		Arabic			
			Al Hekmah TV	TV	DVB-S	3/4	27.485		Arabic			
			Payam TV	TV	DVB-S	3/4	27.485		Arabic			
			Family Radio	radio	DVB-S	3/4	27.485		English			
			Family Radio International 1	radio	DVB-S	3/4	27.485					

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
			Family Radio International 2	radio	DVB-S	3/4	27.485		
D 11.219	H	Middle Eas	Arrabia	TV	DVB-S	3/4	27.500		Arabic
D 11.219	H	Middle Eas	UBC Al Jamaiyah	TV	DVB-S	3/4	27.500		Arabic
D 11.219	H	Middle Eas	Al Hadarah	TV	DVB-S	3/4	27.500		Arabic
D 11.219	H	Middle Eas	MCP	TV	DVB-S	3/4	27.500		Arabic
D 11.219	H	Middle Eas	Modern Kora	TV	DVB-S	3/4	27.500		Arabic
D 11.219	H	Middle Eas	Hala TV	TV	DVB-S	3/4	27.500		Arabic
D 11.219	H	Middle Eas	Panorama Film	TV	DVB-S	3/4	27.500		Arabic
D 11.219	H	Middle Eas	Al Fayhaa TV	TV	DVB-S	3/4	27.500		Arabic
A 11.219	H	Middle Eas	Dream HD	TV	DVB-S	3/4	27.500		Arabic
D 11.219	H	Middle Eas	Promed TV	TV	DVB-S	3/4	27.500		Arabic
D 11.219	H	Middle Eas	Al Aqeeq	TV	DVB-S	3/4	27.500		Arabic
A 11.278	V	Middle Eas	<u>Orbit Showtime Network</u>	package	DVB-S2	2/3	27.500	Betacrypt	
			Fox Sports Middle East	TV	DVB-S2	2/3	27.500	Betacrypt	English
			OSN Cinema HD	TV	DVB-S2	2/3	27.500	Betacrypt	English
			FTV HD	TV	DVB-S2	2/3	27.500	Betacrypt	English
			Discovery HD Showcase	TV	DVB-S2	2/3	27.500	Betacrypt	English
			Sky News HD	TV	DVB-S2	2/3	27.500	Betacrypt	English
D 11.317	V	Middle Eas	<u>Noorsat</u>	package	DVB-S	3/4	27.500		
			Jamawar Kurdistan	TV	DVB-S	3/4	27.500		Kurdish
			Hayatona	TV	DVB-S	3/4	27.500		Arabic
			Arrai	TV	DVB-S	3/4	27.500		Arabic
			Toyor Aljanah	TV	DVB-S	3/4	27.500		Arabic
			Sana Satellite Channel	TV	DVB-S	3/4	27.500		Arabic
			Al Eqtisadiyah Plus	TV	DVB-S	3/4	27.500		Arabic
			Al Rouh TV	TV	DVB-S	3/4	27.500		Arabic
			Al-Maaref TV	TV	DVB-S	3/4	27.500		Arabic
			U TV	TV	DVB-S	3/4	27.500		Arabic
			Alquds Satellite Channel	TV	DVB-S	3/4	27.500		Arabic
			Starfone	TV	DVB-S	3/4	27.500		Arabic
			Karameesh	TV	DVB-S	3/4	27.500		Arabic
			Al Masar Al Aoula	TV	DVB-S	3/4	27.500		Arabic
			Sada Al Islam	TV	DVB-S	3/4	27.500		Arabic
			Taha TV	TV	DVB-S	3/4	27.500		Arabic
			Tawasul TV	TV	DVB-S	3/4	27.500		Arabic
			T Media	TV	DVB-S	3/4	27.500		Arabic
			Al Tebbya TV	TV	DVB-S	3/4	27.500		Arabic
			4Shbab TV	TV	DVB-S	3/4	27.500		Arabic
			Jamawar Kurdistan Radio	radio	DVB-S	3/4	27.500		Kurdish
D 11.334	H	Middle Eas	<u>Nilesat</u>	package	DVB-S	3/4	27.485		
			Aayat TV	TV	DVB-S	3/4	27.485		Arabic
			Azhari TV	TV	DVB-S	3/4	27.485		Arabic
			Yellow Screen TV	TV	DVB-S	3/4	27.485		Arabic
			Semsem	TV	DVB-S	3/4	27.485		Arabic
			Al Qassim TV	TV	DVB-S	3/4	27.485		Arabic
			Ale3lania TV	TV	DVB-S	3/4	27.485		Arabic
			Jordan Medical TV	TV	DVB-S	3/4	27.485		Arabic
			Rama Satellite Channel	TV	DVB-S	3/4	27.485		Arabic
			Athal TV	TV	DVB-S	3/4	27.485		Arabic
			Kaef TV	TV	DVB-S	3/4	27.485		Arabic
			Al Bareah TV	TV	DVB-S	3/4	27.485		Arabic
			Sawt al Badiyah	TV	DVB-S	3/4	27.485		Arabic
			Al Hajj wa al Omrah	TV	DVB-S	3/4	27.485		Arabic
			Al Motawssit	TV	DVB-S	3/4	27.485		Arabic
			Almuntada	TV	DVB-S	3/4	27.485		Arabic
D 11.355	V	Middle Eas	<u>STN</u>	package	DVB-S	3/4	27.500		
			MTA 3 Al Arabiyah	TV	DVB-S	3/4	27.500		Arabic
			Al Soor TV	TV	DVB-S	3/4	27.500		Arabic
			Jenan Al 3Shab	TV	DVB-S	3/4	27.500		Arabic
			Newroz TV	TV	DVB-S	3/4	27.500		Kurdish
			Al Minber TV	TV	DVB-S	3/4	27.500		Arabic
			Alalam News Channel	TV	DVB-S	3/4	27.500		Arabic
			Palestine Al Yawm promo	TV	DVB-S	3/4	27.500		Arabic
			NourSat	TV	DVB-S	3/4	27.500		Arabic
			Sat 7 Arabic	TV	DVB-S	3/4	27.500		Arabic
			CCTV Arabic	TV	DVB-S	3/4	27.500		Arabic
			Aden Live	TV	DVB-S	3/4	27.500		Arabic
			Ta3arof TV	TV	DVB-S	3/4	27.500		Arabic
			MMC TV	TV	DVB-S	3/4	27.500		Kurdish
			Al Islah TV	TV	DVB-S	3/4	27.500		Arabic

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text	Access	Lang.
				Digital	FEC	MHz			
			Aghapy TV	TV	DVB-S	3/4	27.500		Arabic
			CTV	TV	DVB-S	3/4	27.500		Arabic
			Al Malakoot Sat	TV	DVB-S	3/4	27.500		Arabic
			Kalam TV	TV	DVB-S	3/4	27.500		Arabic
			Roj TV	TV	DVB-S	3/4	27.500		Kurdish
			Dua Channel	TV	DVB-S	3/4	27.500		Arabic
			VoA TV Persian	TV	DVB-S	3/4	27.500		Farsi
			Sat 7 Kids	TV	DVB-S	3/4	27.500		Arabic
D 11.374	H	Middle Eas	<u>Orbit Showtime Network</u>	package	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	
			MnL TV	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	Tagalog
			Al Safwa	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			Cinema 1	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			Cinema 2	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			Arabic Series +4	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			Fann	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			Fashion TV Europe	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	
			Orbit News 1	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	English
			Orbit News 2	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	English
			Extreme Sports Channel	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	English
			GMA Life TV	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	Tagalog
			Al Yawm	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			GMA Pinoy TV Europe	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	Tagalog
			Barangay LS 97.1	radio	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	Tagalog
			Classical	radio	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	
			Khalijya't	radio	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			Monawa't	radio	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			DZBB 594 Super Radyo	radio	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	Tagalog
			Tarabiya't	radio	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	Arabic
D 11.393	V	Middle Eas	<u>Noorsat</u>	package	DVB-S	3/4	27.500		
			KTO	TV	DVB-S	3/4	27.500		French
			Al Ittihad News promo	TV	DVB-S	3/4	27.500		Arabic
			Al Neyabiyah Al Ordoniyah	TV	DVB-S	3/4	27.500		Arabic
			Al Shams Satellite Channel	TV	DVB-S	3/4	27.500		Arabic
			Diyala TV	TV	DVB-S	3/4	27.500		Arabic
			Ishtar TV	TV	DVB-S	3/4	27.500		Arabic
			Awdeh	TV	DVB-S	3/4	27.500		Arabic
			Al Iman TV	TV	DVB-S	3/4	27.500		Arabic
			Markat TV	TV	DVB-S	3/4	27.500		Arabic
			Ostool Al Horyah	TV	DVB-S	3/4	27.500		Arabic
			Deretna TV	TV	DVB-S	3/4	27.500		Arabic
			Asrar TV promo	TV	DVB-S	3/4	27.500		Farsi
			IFilm	TV	DVB-S	3/4	27.500		Arabic
			Noor Homes	TV	DVB-S	3/4	27.500		Arabic
			Al Kitab Satellite Channel	TV	DVB-S	3/4	27.500		Arabic
			Al-Lubnania	TV	DVB-S	3/4	27.500		Kurdish
D 11.411	H	Middle Eas	<u>Orbit Showtime Network</u>	package	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	
			Fox Sports Middle East	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	English
			Food Network UK	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	English
			Arabic Series	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			The Style Network Emea	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	English
			History Orbit	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	English
			OSN Comedy +2	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	English
			Trace TV	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	French
			VH1 Europe B	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	English
			The MGM Channel Middle East	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	English
			Music Now	TV	DVB-S	3/4	27.500	Betacrypt/Irdeto 2	English
A 11.432	V	Middle Eas	<u>ADMC Sport</u>	package	DVB-S2	5/6	27.500	Irdeto 2	
			Abu Dhabi Sports 6	TV	DVB-S2	5/6	27.500	Irdeto 2	English,Arabic
			Abu Dhabi Sports 7	TV	DVB-S2	5/6	27.500	Irdeto 2	Arabic,English
			Abu Dhabi Sports 5	TV	DVB-S2	5/6	27.500	Irdeto 2	English,Arabic
			Abu Dhabi Sports 4	TV	DVB-S2	5/6	27.500	Irdeto 2	Arabic,English
			Abu Dhabi Sports 3	TV	DVB-S2	5/6	27.500	Irdeto 2	Arabic,English
A 11.449	H	Middle Eas	<u>ADMC Sport</u>	package	DVB-S2	5/6	27.500	Irdeto 2	
			Abu Dhabi Sports 8	TV	DVB-S2	5/6	27.500	Irdeto 2	Arabic,English
			Nat Geo Adventure HD Asia	TV	DVB-S2	5/6	27.500	Irdeto 2	English
			Nat Geo Wild HD Europe	TV	DVB-S2	5/6	27.500	Irdeto 2	English
			Sky News HD	TV	DVB-S2	5/6	27.500	Irdeto 2	English
			Fox Movies Middle East	TV	DVB-S2	5/6	27.500	Irdeto 2	English
D 11.488	H	Middle Eas	ERTU 2 Sat	TV	DVB-S	3/4	27.500		Arabic
D 12.341	V	Middle Eas	<u>Du</u>	package	DVB-S	3/4	27.500		

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.
				Digital	FEC			
			Fatafeat	TV	DVB-S	3/4	27.500	Arabic
			Infinity 2	TV	DVB-S	3/4	27.500	Arabic
			Imagine TV	TV	DVB-S	3/4	27.500	Hindi
			Dubai Sports 2	TV	DVB-S	3/4	27.500	Arabic
			Space Toon 2	TV	DVB-S	3/4	27.500	English
			Asia Business TV	TV	DVB-S	3/4	27.500	Chinese
			DM TV promo	TV	DVB-S	3/4	27.500	Arabic
			RAK TV	TV	DVB-S	3/4	27.500	Arabic
			Cartoon Network Arabic	TV	DVB-S	3/4	27.500	Arabic
			MBC Persia	TV	DVB-S	3/4	27.500	Farsi
D 12.360	H	Middle Eas	<u>Nilesat</u>	package	DVB-S	3/4	27.500	
			Al Ahly Club	TV	DVB-S	3/4	27.500	Arabic
			Libya Sports 1	TV	DVB-S	3/4	27.500	Arabic
			Panorama Drama	TV	DVB-S	3/4	27.500	Arabic
			Scope TV	TV	DVB-S	3/4	27.500	Arabic
			Al Badeel	TV	DVB-S	3/4	27.500	Arabic
			Al-Jamahiriya TV 2	TV	DVB-S	3/4	27.500	Arabic
			Al Hadath	TV	DVB-S	3/4	27.500	Arabic
			Al Mosullia	TV	DVB-S	3/4	27.500	Arabic
			Alpha	TV	DVB-S	3/4	27.500	Arabic
			Al Salam TV	TV	DVB-S	3/4	27.500	Arabic
			Watanee Alkabeer TV	TV	DVB-S	3/4	27.500	Arabic
			Al Salam Radio	radio	DVB-S	3/4	27.500	Arabic
			Al Libiya FM	radio	DVB-S	3/4	27.500	Arabic
D 12.380	V	Middle Eas	<u>Jordan Media City</u>	package	DVB-S	3/4	27.500	
			Al Teb Al Nabawi	TV	DVB-S	3/4	27.500	Arabic
			Huna Amsterdam	TV	DVB-S	3/4	27.500	Arabic
			Sama TV	TV	DVB-S	3/4	27.500	Arabic
			Resalat Al Habeeb Satellite Channel	TV	DVB-S	3/4	27.500	Arabic
			Tunisie TV 1	TV	DVB-S	3/4	27.500	
			ART Media	TV	DVB-S	3/4	27.500	Arabic
			Al Bairaqa TV	TV	DVB-S	3/4	27.500	Arabic
			Al Raohaniyat TV	TV	DVB-S	3/4	27.500	Arabic
			More Media	TV	DVB-S	3/4	27.500	Arabic
			Assaf TV	TV	DVB-S	3/4	27.500	Arabic
			WDS TV	TV	DVB-S	3/4	27.500	Arabic
			JoSat	TV	DVB-S	3/4	27.500	Arabic
			Al-Mawaddah TV	TV	DVB-S	3/4	27.500	Arabic
			Samad TV	TV	DVB-S	3/4	27.500	Arabic
			Arab Motors TV	TV	DVB-S	3/4	27.500	Arabic
			AldiyarSat	TV	DVB-S	3/4	27.500	Arabic
			W TV	TV	DVB-S	3/4	27.500	Arabic
			Al Mustakbal Al Hurr promo	TV	DVB-S	3/4	27.500	Arabic
			MBC Persia	TV	DVB-S	3/4	27.500	Farsi
			1st Forex TV	TV	DVB-S	3/4	27.500	Arabic
			Huna Amsterdam	radio	DVB-S	3/4	27.500	Arabic
D 12.399	H	Middle Eas	<u>Nilesat</u>	package	DVB-S	3/4	27.500	
			Moga Comedy TV	TV	DVB-S	3/4	27.500	Arabic
			Al Hurrya	TV	DVB-S	3/4	27.500	Arabic
			Ashur TV	TV	DVB-S	3/4	27.500	
			Türkmeneli TV	TV	DVB-S	3/4	27.500	
			Télé Liban	TV	DVB-S	3/4	27.500	Arabic
			On TV	TV	DVB-S	3/4	27.500	Arabic
			Al Ghinaiyah	TV	DVB-S	3/4	27.500	Arabic
			Al-Iraqiya Sports	TV	DVB-S	3/4	27.500	Arabic
			Kurdistan TV	TV	DVB-S	3/4	27.500	Kurdish
			Al Masar TV	TV	DVB-S	3/4	27.500	Arabic
			Al Shababiyah	TV	DVB-S	3/4	27.500	Arabic
			Al-Adala TV	TV	DVB-S	3/4	27.500	Arabic
			Forqan Radio	radio	DVB-S	3/4	27.500	Arabic
			Iza'at Al Ahd	radio	DVB-S	3/4	27.500	Arabic
			Türkmeneli FM	radio	DVB-S	3/4	27.500	Turkish
D 12.418	V	Middle Eas	<u>Nilesat</u>	package	DVB-S	3/4	27.500	
			Daleel TV Channel	TV	DVB-S	3/4	27.500	Arabic
			Al Forqan TV	TV	DVB-S	3/4	27.500	
			Al Anbar	TV	DVB-S	3/4	27.500	Arabic
			Sham FM TV	TV	DVB-S	3/4	27.500	Arabic
			Al-Iraqiya TV	TV	DVB-S	3/4	27.500	Arabic
			Cairo University 1	TV	DVB-S	3/4	27.500	
			Alhayat Mosalsalat	TV	DVB-S	3/4	27.500	Arabic

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.
				Digital	FEC			
D 12.437	H	Middle Eas	ANN	TV	DVB-S	3/4	27.500	Arabic
			Republic of Iraq Radio	radio	DVB-S	3/4	27.500	Arabic
			<u>Du</u>	package	DVB-S	3/4	27.500	
			Al-Waha TV	TV	DVB-S	3/4	27.500	Arabic
			Al Rasoul	TV	DVB-S	3/4	27.500	Arabic
			Nickelodeon Arabia	TV	DVB-S	3/4	27.500	Arabic
			Dubai Sports Earth	TV	DVB-S	3/4	27.500	BISS
			Korek TV	TV	DVB-S	3/4	27.500	Kurdish
D 12.456	V	Middle Eas	Kanal 4	TV	DVB-S	3/4	27.500	Kurdish
			<u>Al Jazeera Sport</u>	package	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0
			ESPN Classic Europe	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0
			ESPN America Europe	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0
			ESPN Middle East	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0
			NBA TV	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0
			Al Jazeera Sport Channel HD 1	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0
			ART Sports 7	TV	DVB-S	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0
D 12.476	H	Middle Eas	<u>Nilesat</u>	package	DVB-S	3/4	27.500	
			Al-Sabah TV	TV	DVB-S	3/4	27.500	Arabic
			Al Jazeera Mobasher	TV	DVB-S	3/4	27.500	Arabic
			Modern Sport	TV	DVB-S	3/4	27.500	Arabic
			Melody Drama	TV	DVB-S	3/4	27.500	Arabic
			Life Style	TV	DVB-S	3/4	27.500	Arabic
			Al Kahera wa Al Nas promo	TV	DVB-S	3/4	27.500	Arabic
			Afaq TV	TV	DVB-S	3/4	27.500	Arabic
			Aamal TV	TV	DVB-S	3/4	27.500	Arabic
			Allord TV	TV	DVB-S	3/4	27.500	Arabic
			Nile Family and Kids	TV	DVB-S	3/4	27.500	Arabic
			Hits	radio	DVB-S	3/4	27.500	Arabic
			Mega	radio	DVB-S	3/4	27.500	Arabic