

Updated on 16 June 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	3/4	27.500 Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
			History Europe	TV	DVB	3/4	27.500 Mediaguard 2	Polish,English
			HBO Comedy Polska	TV	DVB	3/4	Y 27.500 Conax/Mediaguard 2/Nagravision 3	Polish
			HBO 2 Polska	TV	DVB	3/4	Y 27.500 Conax/Mediaguard 2/Nagravision 3	Polish
			Hallmark Channel Polska	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			Canal + Sport 2 Polska	TV	DVB	3/4	Y 27.500 Mediaguard 2	Polish
			MiniMini	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			Planete Polska	TV	DVB	3/4	27.500 Mediaguard 2	Polish
			Orange sport Polska	TV	DVB	3/4	27.500 Mediaguard 2/Viaccess 3.0	Polish
			4 Fun TV	TV	DVB	3/4	Y 27.500	Polish
			Movies 24 Eastern Europe	TV	DVB	3/4	27.500 Mediaguard 2	Polish,English
			HBO Polska	TV	DVB	3/4	Y 27.500 Mediaguard 2/Nagravision 3	Polish
D 10.723	H	Europe	<u>Arqiva</u>	package	DVB	3/4	29.900	
			MTC	TV	DVB	3/4	29.900	Farsi
			Saamen TV	TV	DVB	3/4	29.900	Farsi
			Private Spice	TV	DVB	3/4	29.900 Irdeto 2/Viaccess 2.5/Viaccess 3.0	English,French
			Ahl E Bait TV	TV	DVB	3/4	29.900	
			Andisheh TV	TV	DVB	3/4	29.900	Farsi
			Ariana Afghanistan TV	TV	DVB	3/4	29.900	
			RTB Virgilio	TV	DVB	3/4	29.900	Italian
			RTP Internacional Europa	TV	DVB	3/4	Y 29.900	Portuguese
			MTA International	TV	DVB	3/4	29.900	English,French,German,Arabic,Bengali
			Deepam TV	TV	DVB	3/4	29.900 Viaccess 2.4/Viaccess 2.5/Viaccess 2.6	Tamil
			Zagros TV	TV	DVB	3/4	29.900	Kurdish
			Global Tamil Vision Europe	TV	DVB	3/4	29.900	Tamil
			Wedding TV Polska	TV	DVB	3/4	29.900	Russian,Polish,English,Turkish
			Islam Channel	TV	DVB	3/4	29.900	English
			RDP Internacional	radio	DVB	3/4	29.900	Portuguese
			RDP Antena 1	radio	DVB	3/4	29.900	Portuguese
			NPR Worldwide	radio	DVB	3/4	29.900	English
			Radio Zagros	radio	DVB	3/4	29.900	Kurdish
D 10.758	V	Europe	<u>Cyfrowy Polsat</u>	package	DVB	5/6	27.500 Nagravision 3	
			VOD 64	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 65	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 58	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 63	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 62	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 61	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 60	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 59	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 57	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 56	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 55	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 54	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 53	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 51	TV	DVB	5/6	27.500 Nagravision 3	
			VOD 52	TV	DVB	5/6	27.500 Nagravision 3	
D 10.775	H	Europe	<u>American Forces Network</u>	package	DVB	3/4	28.000 PowerVu	
			AFN Prime Atlantic Hessen	TV	DVB	3/4	28.000 PowerVu	English
			AFN Sports	TV	DVB	3/4	28.000 PowerVu	English
			AFN Guide	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Eifel	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Benelux	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Heidelberg	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic Kaiserslautern	TV	DVB	3/4	28.000 PowerVu	English
			AFN Prime Atlantic UK	TV	DVB	3/4	28.000 PowerVu	English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	MHz	Text	Access	Lang.
				Digital	FEC	MSy/s				
			AFN Prime Pacific	TV	DVB	3/4	28.000	PowerVu		English
			AFN Prime Atlantic Franconia	TV	DVB	3/4	28.000	PowerVu		English
			AFN Prime Atlantic	TV	DVB	3/4	28.000	PowerVu		English
			AFN Prime Atlantic Bavaria	TV	DVB	3/4	28.000	PowerVu		English
			AFN Spectrum	TV	DVB	3/4	28.000	PowerVu		English
			Eifel 105	radio	DVB	3/4	28.000	PowerVu		English
			AFN The Eagle Hessen	radio	DVB	3/4	28.000	PowerVu		English
			AFN The Eagle 100.2 FM Kaiserslautern	radio	DVB	3/4	28.000	PowerVu		English
			AFN Power Network Kaiserslautern	radio	DVB	3/4	28.000	PowerVu		English
			AFN The Eagle Heidelberg	radio	DVB	3/4	28.000	PowerVu		English
			AFN Power Network Heidelberg	radio	DVB	3/4	28.000	PowerVu		English
			Freedom Radio	radio	DVB	3/4	28.000	PowerVu		English
			AFN The Eagle Franconia	radio	DVB	3/4	28.000	PowerVu		English
			AFN Power Network Benelux	radio	DVB	3/4	28.000	PowerVu		English
			AFN Power Network Franconia	radio	DVB	3/4	28.000	PowerVu		English
			AFN Power Network Eifel	radio	DVB	3/4	28.000	PowerVu		English
			Hot AC	radio	DVB	3/4	28.000	PowerVu		English
			AFN Interruptable Voice	radio	DVB	3/4	28.000	PowerVu		English
			AFN Uninterruptable Voice	radio	DVB	3/4	28.000	PowerVu		English
			AFN The Eagle Benelux	radio	DVB	3/4	28.000	PowerVu		English
			AFN Power Network Bavaria	radio	DVB	3/4	28.000	PowerVu		English
			AFN Power Network Hessen	radio	DVB	3/4	28.000	PowerVu		English
			AFN The Eagle Bavaria	radio	DVB	3/4	28.000	PowerVu		English
			Jack FM	radio	DVB	3/4	28.000	PowerVu		English
			Fox Sports Plus	radio	DVB	3/4	28.000	PowerVu		English
			ESPN Plus	radio	DVB	3/4	28.000	PowerVu		English
			The Contingency Channel	radio	DVB	3/4	28.000	PowerVu		English
			AFN Power Network Europe	radio	DVB	3/4	28.000	PowerVu		English
			NPR Worldwide AFRTS	radio	DVB	3/4	28.000	PowerVu		English
			Gravity	radio	DVB	3/4	28.000	PowerVu		English
			Hard Rock	radio	DVB	3/4	28.000	PowerVu		English
			Classic Rock	radio	DVB	3/4	28.000	PowerVu		English
			Drive FX	radio	DVB	3/4	28.000	PowerVu		English
			Mainstream Country	radio	DVB	3/4	28.000	PowerVu		English
			The Eagle Europe	radio	DVB	3/4	28.000	PowerVu		English
D 10.796	V	Europe	<u>Cyfra +</u>	package	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		
			FilmBox Polska	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3		Polish
			FilmBox Extra Polska	TV	DVB	3/4	27.500	Conax/Mediaguard 2		Polish
			National Geographic Channel Polska	TV	DVB	3/4	27.500	Mediaguard 2		Polish,Hungarian
			Edusat	TV	DVB	3/4	27.500			Polish
			Polonia 1	TV	DVB	3/4	Y 27.500			Polish
			Tele 5	TV	DVB	3/4	Y 27.500			Polish
			Orange sport info Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish
			Discovery Science Channel Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish
			FilmBox Family	TV	DVB	3/4	27.500	Conax/Mediaguard 2		Polish,Czech,Hungarian
			Discovery World Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3		Polish
			MTV Rocks	TV	DVB	3/4	27.500	Mediaguard 2		English
			Hymny Rocka	radio	DVB	3/4	27.500	Mediaguard 2		
			Niemecki Rock	radio	DVB	3/4	27.500	Mediaguard 2		
			Era Rock'n'Rolla	radio	DVB	3/4	27.500	Mediaguard 2		
			Metal	radio	DVB	3/4	27.500	Mediaguard 2		
			Alternatywa	radio	DVB	3/4	27.500	Mediaguard 2		
			Wieczorne Party	radio	DVB	3/4	27.500	Mediaguard 2		
			Niezalezna Klasyka	radio	DVB	3/4	27.500	Mediaguard 2		
			Hity Bollywood	radio	DVB	3/4	27.500	Mediaguard 2		
			R'n'B & Soul	radio	DVB	3/4	27.500	Mediaguard 2		
			Hip Hop	radio	DVB	3/4	27.500	Mediaguard 2		
			Reggae	radio	DVB	3/4	27.500	Mediaguard 2		
			Blues	radio	DVB	3/4	27.500	Mediaguard 2		
			Urban	radio	DVB	3/4	27.500	Mediaguard 2		
			Disco & Funk	radio	DVB	3/4	27.500	Mediaguard 2		
			Klasyczny Rock	radio	DVB	3/4	27.500	Mediaguard 2		
			Hity Wloskie	radio	DVB	3/4	27.500	Mediaguard 2		
			Rytmy na Okraglo	radio	DVB	3/4	27.500	Mediaguard 2		
			Muzyka Turecka	radio	DVB	3/4	27.500	Mediaguard 2		
			Hity Dyskoteki	radio	DVB	3/4	27.500	Mediaguard 2		

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.	
				Digital	FEC	MSy/s				
D 10.834	V	Europe	Chillout	radio	DVB	3/4	27.500	Mediaguard 2		
			Bass Breaks and Beats	radio	DVB	3/4	27.500	Mediaguard 2		
			Hity Brytyjskie	radio	DVB	3/4	27.500	Mediaguard 2		
			Country	radio	DVB	3/4	27.500	Mediaguard 2		
			Dzis o milosci	radio	DVB	3/4	27.500	Mediaguard 2		
			Muzyka Arabska	radio	DVB	3/4	27.500	Mediaguard 2		
			Hity Francuskie	radio	DVB	3/4	27.500	Mediaguard 2		
			Współczesny Pop	radio	DVB	3/4	27.500	Mediaguard 2		
			Piosenka Francuska	radio	DVB	3/4	27.500	Mediaguard 2		
			Swiat karnawalu	radio	DVB	3/4	27.500	Mediaguard 2		
			New Age	radio	DVB	3/4	27.500	Mediaguard 2		
			Muzyka Symfoniczna	radio	DVB	3/4	27.500	Mediaguard 2		
			Hity Hiszpanskie	radio	DVB	3/4	27.500	Mediaguard 2		
			Cool Jazz	radio	DVB	3/4	27.500	Mediaguard 2		
			Klasyka Jazzu	radio	DVB	3/4	27.500	Mediaguard 2		
			Rozmaitosci	radio	DVB	3/4	27.500	Mediaguard 2		
			Hity lat 70	radio	DVB	3/4	27.500	Mediaguard 2		
			Hity lat 80	radio	DVB	3/4	27.500	Mediaguard 2		
			Hity lat 90	radio	DVB	3/4	27.500	Mediaguard 2		
			Nowe stare hity	radio	DVB	3/4	27.500	Mediaguard 2		
			Jeszcze raz	radio	DVB	3/4	27.500	Mediaguard 2		
			Klasyka Nastrojowa	radio	DVB	3/4	27.500	Mediaguard 2		
			Arcydziela Klasyki	radio	DVB	3/4	27.500	Mediaguard 2		
			<u>N</u>	package	DVB-S2	3/4	27.500	Conax/Mediaguard 2		
			Blue Hustler Europe	TV	DVB-S2	3/4	27.500	Conax		English
			AXN Crime	TV	DVB-S2	3/4	27.500	Conax		Polish
			KidsCo East Europe	TV	DVB-S2	3/4	27.500	Conax		Polish
			Movies 24 Eastern Europe	TV	DVB-S2	3/4	27.500	Conax		Polish
			Cinemax 2 Central Europe	TV	DVB-S2	3/4	27.500	Conax		Polish
			Cartoon Network Central & Eastern Europe	TV	DVB-S2	3/4	27.500	Conax		Polish
			Discovery World Polska	TV	DVB-S2	3/4	27.500	Conax		Polish
			AXN Sci-Fi Polska	TV	DVB-S2	3/4	27.500	Conax		Polish
			Discovery Science Channel Polska	TV	DVB-S2	3/4	27.500	Conax		Polish
			Sport Klub Polska	TV	DVB-S2	3/4	27.500	Conax		Polish
			Animal Planet Europe	TV	DVB-S2	3/4	27.500	Conax		Polish
			JimJam Europe	TV	DVB-S2	3/4	27.500	Conax		Polish
			Da Vinci Learning	TV	DVB-S2	3/4	27.500	Conax		Polish
			Disney XD Polska	TV	DVB-S2	3/4	27.500	Conax		Polish
			Sport Klub + Polska	TV	DVB-S2	3/4	27.500	Conax		Polish
			ESPN America Europe	TV	DVB-S2	3/4	27.500	Conax		English
			AXN Polska	TV	DVB-S2	3/4	27.500	Conax		Polish
			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
			Eska TV	TV	DVB-S2	3/4	27.500			Polish
			<u>Media Broadcast</u>	package	DVB	3/4	27.500			
			Jaam e Jam International	TV	DVB	3/4	27.500			Farsi
Suryoyo Sat	TV	DVB	3/4	27.500						
Supreme Master TV	TV	DVB	3/4	27.500			English			
Sexy Arab	TV	DVB	3/4	27.500			Arabic			
Fatayat 7'armanat	TV	DVB	3/4	27.500						
India love TV	TV	DVB	3/4	27.500						
ArabSexClub	TV	DVB	3/4	27.500			Arabic			
Alo TV	TV	DVB	3/4	27.500			Turkish			
Arab Girls	TV	DVB	3/4	27.500			Arabic			
7 armanat Nar	TV	DVB	3/4	27.500			Arabic			
Pakistan Girls	TV	DVB	3/4	27.500			Arabic			
Eurosport 2 North-East	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English,Polish,Serbian,Czech,Danish,Russian				
Smart Live Casino Roulette	TV	DVB	3/4	27.500			English			
PDF Channel	TV	DVB	3/4	27.500						
DM Digital Arabia	TV	DVB	3/4	27.500			Arabic			
TV Market	TV	DVB	3/4	27.500			Arabic			
Physique TV	TV	DVB	3/4	27.500			English			
IMN TV	TV	DVB	3/4	27.500			Farsi			
IFM TV	TV	DVB	3/4	27.500			Farsi			
4	TV	DVB	3/4	27.500			Farsi			
Omid-e-Iran	TV	DVB	3/4	27.500			Farsi			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.				
				Digital	FEC	MSy/s							
D 10.873	V	Europe	Persian Film	TV	DVB	3/4	27.500			Farsi			
			Persian star	TV	DVB	3/4	27.500						
			Eurotic TV	TV	DVB	3/4	27.500				German		
			<u>SNRT</u>	package	DVB	3/4	27.500						
			Arryadia	TV	DVB	3/4	27.500				Arabic		
			Al Aoula Maroc	TV	DVB	3/4	27.500	BISS			Arabic		
			Arrabia	TV	DVB	3/4	27.500				Arabic		
			Al Maghribia	TV	DVB	3/4	27.500				Arabic		
			Al Aoula Europe	TV	DVB	3/4	27.500				Arabic		
			Assadissa	TV	DVB	3/4	27.500				Arabic		
			Al Aoula Middle East	TV	DVB	3/4	27.500				Arabic		
			Medi 1 Sat	TV	DVB	3/4	27.500				French		
			Tamazight	TV	DVB	3/4	27.500						
			Chaïne Inter	radio	DVB	3/4	27.500						
			Idaa al Amazighia	radio	DVB	3/4	27.500				Arabic		
			Idaal al Watania	radio	DVB	3/4	27.500				Arabic		
			Idaa Mohammed Assadiss	radio	DVB	3/4	27.500				Arabic		
			Radio Régional de Dakhla	radio	DVB	3/4	27.500						
			Radio Fes	radio	DVB	3/4	27.500						
			Medi 1 Radio	radio	DVB	3/4	27.500				French		
Idaal al Watania	radio	DVB	3/4	27.500				Arabic					
D 10.892	H	Europe	<u>Cyfra +</u>	package	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0					
			TVP 1	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish,Polish			
			Domo	TV	DVB	3/4	27.500	Mediaguard 2		Polish			
			TVP 2	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Viaccess 3.0		Polish,Polish			
			Hyper	TV	DVB	3/4	27.500	Mediaguard 2		Polish			
			ZigZap	TV	DVB	3/4	27.500	Mediaguard 2		Polish			
			Ale Kino!	TV	DVB	3/4	Y 27.500	Mediaguard 2		Polish			
			Kuchnia TV	TV	DVB	3/4	27.500	Mediaguard 2		Polish			
			Canal + Film	TV	DVB	3/4	Y 27.500	Mediaguard 2		Polish,Polish			
			Canal + Polska	TV	DVB	3/4	Y 27.500	Mediaguard 2		Polish			
			Canal + Sport Polska	TV	DVB	3/4	Y 27.500	Mediaguard 2		Polish,Polish			
			Chilli Zet	radio	DVB	3/4	27.500	Mediaguard 2		Polish			
			Radio Zet	radio	DVB	3/4	27.500	Mediaguard 2		Polish			
			Radio Jasna Góra	radio	DVB	3/4	27.500			Polish			
			RMF Maxxx	radio	DVB	3/4	27.500	Mediaguard 2		Polish			
			RMF Classic	radio	DVB	3/4	27.500	Mediaguard 2		Polish			
			RMF FM	radio	DVB	3/4	27.500	Mediaguard 2		Polish			
			Antyradio	radio	DVB	3/4	27.500	Mediaguard 2		Polish			
			Radio PIN	radio	DVB	3/4	27.500	Mediaguard 2		Polish			
			Tok FM	radio	DVB	3/4	27.500			Polish			
			Polskie Radio dla zagranicy	radio	DVB	3/4	27.500			Polish			
			Polskie Radio Trójka	radio	DVB	3/4	27.500			Polish			
			Polskie Radio Dwójka	radio	DVB	3/4	27.500			Polish			
			Polskie Radio Jedynka	radio	DVB	3/4	27.500			Polish			
			Polskie Radio Euro	radio	DVB	3/4	27.500			Polish			
			Planeta FM	radio	DVB	3/4	27.500	Mediaguard 2		Polish			
			D 10.911	V	Europe	<u>Orange Polska</u>	package	DVB-S2	3/4	27.500	Viaccess 3.0		
						Disney XD Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0		Polish
						Movies 24 Eastern Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0		Polish
						HBO 2 Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0		Polish
HBO Polska	TV	DVB-S2				3/4	27.500	Viaccess 3.0		Polish			
ESPN Classic Europe	TV	DVB-S2				3/4	27.500	Viaccess 3.0		Polish			
Travel Channel	TV	DVB-S2				3/4	27.500	Viaccess 3.0		English			
Disney Channel Polska	TV	DVB-S2				3/4	27.500	Viaccess 3.0		Polish			
Animal Planet Europe	TV	DVB-S2				3/4	27.500	Viaccess 3.0		Polish			
Kino Polska	TV	DVB-S2				3/4	27.500	Viaccess 3.0		Polish			
Jetix Play	TV	DVB-S2				3/4	27.500	Viaccess 3.0		Polish			
Zone Europa	TV	DVB-S2				3/4	27.500	Viaccess 3.0		Polish			
HBO Comedy Polska	TV	DVB-S2				3/4	27.500	Viaccess 3.0		Polish			
Zone Club Polska	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			
Zone Romantica Polska & Magyar	TV	DVB-S2				3/4	27.500	Viaccess 3.0		Polish			
ESPN America Europe	TV	DVB-S2				3/4	27.500	Viaccess 3.0		English			
HBO Polska	TV	DVB-S2				3/4	27.500	Viaccess 3.0		Polish,English			
D 10.930	H	Europe	<u>Nova</u>	package	DVB	3/4	27.500	Irdeto 2					
			MTV Greece	TV	DVB	3/4	27.500	Irdeto 2		Greek			
			Animal Planet Africa	TV	DVB	3/4	27.500	Irdeto 2		Greek			

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.			
				Digital	FEC						
D 10.949	V	Europe	National Geographic Channel România	TV	DVB	3/4	27.500 Irdeto 2	English			
			The MGM Channel East Europe	TV	DVB	3/4	27.500 Irdeto 2	English			
			Travel Channel	TV	DVB	3/4	27.500 Irdeto 2	English			
			Novacinema 2	TV	DVB	3/4	27.500 Irdeto 2	Greek			
			VH1 Europe A	TV	DVB	3/4	27.500 Irdeto 2	English			
			Novacinema 1 Cyprus	TV	DVB	3/4	27.500 Irdeto 2	Greek			
			Novasports 3	TV	DVB	3/4	27.500 Irdeto 2	Greek			
			Mad Greekz	TV	DVB	3/4	27.500 Irdeto 2	Greek			
			Real FM	radio	DVB	3/4	27.500 Irdeto 2	Greek			
			NovaSpor FM	radio	DVB	3/4	27.500 Irdeto 2	Greek			
			Sentra FM	radio	DVB	3/4	27.500 Irdeto 2	Greek			
			Vima FM 99.5	radio	DVB	3/4	27.500 Irdeto 2	Greek			
			Novascope	interacti	DVB	3/4	27.500 Irdeto 2				
			Nova programma	interacti	DVB	3/4	27.500 Irdeto 2				
			<u>GlobeCast</u>	package	DVB	3/4	27.500				
			Sat 7 Pars	TV	DVB	3/4	27.500	Farsi			
			Miracle	TV	DVB	3/4	27.500	Arabic			
			Deejay TV	TV	DVB	3/4	27.500	Italian			
			TCM Central & Eastern Europe	TV	DVB	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Hungarian,Romanian,English		
			Al-Forat Satellite TV Channel	TV	DVB	3/4	27.500		Arabic		
			Disney Channel Polska	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3	Polish,English		
			Sat 7 Kids	TV	DVB	3/4	27.500		Arabic		
			Al Hiwar TV	TV	DVB	3/4	27.500		Arabic		
			Future News	TV	DVB	3/4	27.500		Arabic		
			Karbala Satellite Channel	TV	DVB	3/4	27.500		Arabic		
			ANB	TV	DVB	3/4	27.500		Arabic		
			NourSat	TV	DVB	3/4	27.500		Arabic		
			Dhamma Media Channel	TV	DVB	3/4	27.500		Thai,English		
			Cartoon Network Central & Eastern Europe	TV	DVB	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Hungarian,Romanian,English		
			D 10.971	H	Europe	<u>RRsat Global Communications Network</u>	package	DVB	3/4	27.500	
Payam-e-Afghan TV	TV	DVB				3/4	27.500		Farsi		
Telenova	TV	DVB				3/4	27.500		Italian		
Baby TV Europe	TV	DVB				3/4	27.500	Conax/Cryptoworks/Viaccess 2.5/Viaccess 2.6	German,English,French,Dutch,Turkish,Polish,Spanish,Portuguese,Italian		
TVK	TV	DVB				3/4	27.500				
Myanmar International	TV	DVB				3/4	27.500		English		
Al Anwar TV	TV	DVB				3/4	27.500		Arabic		
Tapes TV	TV	DVB				3/4	27.500		Farsi		
La 8	TV	DVB				3/4	27.500		Italian		
La 9 Sat	TV	DVB				3/4	27.500		Italian		
Universal TV	TV	DVB				3/4	27.500		Somali		
Imam Hussein TV	TV	DVB				3/4	27.500		Arabic		
NTD TV	TV	DVB				3/4	27.500		Chinese		
TRT Türk	TV	DVB				3/4	Y 27.500		Turkish		
Music Box Ru	TV	DVB				3/4	27.500		Russian		
RT English	TV	DVB				3/4	27.500		English		
God TV Europe	TV	DVB				3/4	27.500		English		
EUArmenia	TV	DVB				3/4	27.500		Armenian		
The Word Network	TV	DVB				3/4	27.500		English		
Ictimai TV	TV	DVB				3/4	27.500		Azerbaijan		
Radio Nawa Arabic	radio	DVB				3/4	27.500		Arabic		
Voice of Turkey West	radio	DVB				3/4	27.500				
Radio Nawa Kurdish	radio	DVB				3/4	27.500		Kurdish		
TRT FM	radio	DVB				3/4	27.500		Turkish		
TSR	radio	DVB				3/4	27.500		Turkish		
VAB Radio	radio	DVB				3/4	27.500		Vietnamese		
Voice of Turkey World	radio	DVB				3/4	27.500				
Radio Jamwar	radio	DVB				3/4	27.500				
D 10.992	V	Europe				<u>RAI</u>	package	DVB	2/3	27.500 Mediaguard 1/Nagravision 3	
						Rai 4	TV	DVB	2/3	Y 27.500 Mediaguard 1/Nagravision 3	Italian
			Rai Movie	TV	DVB	2/3	27.500 Nagravision 3	Italian			
			Rai 1	TV	DVB	2/3	Y 27.500 Mediaguard 1/Nagravision 3	Italian			
			Rai 2	TV	DVB	2/3	Y 27.500 Mediaguard 1/Nagravision 3	Italian			
			Rai 3	TV	DVB	2/3	Y 27.500 Mediaguard 1/Nagravision 3	Italian			
			Rai News	TV	DVB	2/3	27.500	Italian			
			Rai Italia Radio	radio	DVB	2/3	27.500				
			Rai Italia Radio	radio	DVB	2/3	27.500				
			Filodiffusione 4	radio	DVB	2/3	27.500		Italian		

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.	
				Digital	FEC					
D 11.013	H	Europe	Rai Radio 1 AM	radio	DVB	2/3	27.500		Italian	
			Rai Radio 2	radio	DVB	2/3	27.500		Italian	
			Rai Radio 3	radio	DVB	2/3	27.500		Italian	
			<u>RRsat Global Communications Network</u>	package	DVB	3/4	27.500			
			Pro TV International	TV	DVB	3/4	27.500			Romanian
			Diprè Art Channel	TV	DVB	3/4	27.500			Italian
			Al Fayhaa TV	TV	DVB	3/4	27.500			Arabic
			Gali Kurdistan	TV	DVB	3/4	27.500			Kurdish
			CGN TV	TV	DVB	3/4	27.500			Korean
			Mare TV	TV	DVB	3/4	27.500			Italian
			Sarafan	TV	DVB	3/4	27.500			Russian
			RT Arabic	TV	DVB	3/4	27.500			Arabic
			Red Hot Sex TV 3	TV	DVB	3/4	27.500	Viaccess 3.0		
			Red Hot Sex TV 4	TV	DVB	3/4	27.500	Viaccess 3.0		
			MTA 3 Al Arabiyah	TV	DVB	3/4	27.500			Arabic
			Russian Travel Guide TV One	TV	DVB	3/4	27.500			English,Russian
			Hope Channel Europe	TV	DVB	3/4	27.500			Italian
			Fuego TV	TV	DVB	3/4	27.500			Italian
			In TV	TV	DVB	3/4	27.500			Italian
			Diprè Art Channel	TV	DVB	3/4	27.500			Italian
			Number One Channel	TV	DVB	3/4	27.500			Italian
			Diprè Art Channel	TV	DVB	3/4	27.500			Italian
			Mohabat TV	TV	DVB	3/4	27.500			Farsi
			Ru TV	TV	DVB	3/4	27.500			Russian
			Mondo Shop	TV	DVB	3/4	27.500			Italian
			TBC	radio	DVB	3/4	27.500			Tamil
			Russkoe Radio	radio	DVB	3/4	27.500	Codicrypt		Russian
			Radio Number One	radio	DVB	3/4	27.500			Italian
			Radio Mojdeh	radio	DVB	3/4	27.500			Farsi
			Radyo Duhok	radio	DVB	3/4	27.500			Kurdish
			Radio Kurdistan	radio	DVB	3/4	27.500			Kurdish
			GTBC FM	radio	DVB	3/4	27.500			Tamil
			Eurapejskaje Radyjo dla Bielarusi	radio	DVB	3/4	27.500			Belarussian
London Tamil FM	radio	DVB	3/4	27.500			Tamil			
Radio Novaya Zhizn	radio	DVB	3/4	27.500			Russian			
European Tamil Radio	radio	DVB	3/4	27.500			Tamil			
D 11.034	V	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500			
			2M Monde	TV	DVB	3/4	27.500		Arabic	
			AzTV	TV	DVB	3/4	27.500		Azerbaijan	
			Al Jazeera English	TV	DVB	3/4	27.500		English	
			Game One	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0		French
			Telesud	TV	DVB	3/4	27.500		French	
			Berbère TV	TV	DVB	3/4	27.500	Viaccess 2.5		French
			Rossiya 24	TV	DVB	3/4	27.500		Russian	
			RTR Planeta	TV	DVB	3/4	27.500		Russian	
			CCTV News English	TV	DVB	3/4	27.500		English	
			Shanson TV	TV	DVB	3/4	27.500		Russian	
			Sarafan	TV	DVB	3/4	27.500		Russian	
			Algérie 4	TV	DVB	3/4	27.500			
			Algérie 5	TV	DVB	3/4	27.500		Arabic	
			Shant TV	TV	DVB	3/4	27.500		Armenian	
			Radio Antenn	radio	DVB	3/4	27.500		Azerbaijan	
			Berbère Radio	radio	DVB	3/4	27.500		Berber	
			Radio 2M	radio	DVB	3/4	27.500			
			Radio Chanson	radio	DVB	3/4	27.500		Russian	
			D 11.054	H	Europe	<u>Media Broadcast</u>	package	DVB	5/6	27.500
Iran Beauty	TV	DVB				5/6	27.500		Farsi	
Ebru TV	TV	DVB				5/6	27.500		English	
Iran Music	TV	DVB				5/6	27.500			
Iran Tele Market	TV	DVB				5/6	27.500			
CTV	TV	DVB				5/6	27.500		Arabic	
Sri TV	TV	DVB				5/6	27.500			
ZDF neo	TV	DVB				5/6	Y 27.500		German	
RTL Schweiz	TV	DVB				5/6	Y 27.500	Cryptoworks	German,German	
RTL 2 Schweiz	TV	DVB				5/6	Y 27.500		German	
BW TV	TV	DVB				5/6	27.500	PowerVu	German	
Mohajer International TV	TV	DVB				5/6	27.500		Farsi	
TV Persia 1	TV	DVB				5/6	27.500		Farsi	
POS Radio Kaufland	radio	DVB	5/6	27.500		German				

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 11.075	V	Europe	POS Radio AC	radio	DVB	5/6	27.500		German			
			POS Radio Soft AC	radio	DVB	5/6	27.500		German			
			POS Radio CHR	radio	DVB	5/6	27.500		German			
			POS Radio Hot AC	radio	DVB	5/6	27.500		German			
			POS Radio Euro AC	radio	DVB	5/6	27.500		German			
			POS Radio	radio	DVB	5/6	27.500		German			
			<u>Viacom</u>	package	DVB	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0				
			MTV Polska	TV	DVB	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish		
			VH1 Polska	TV	DVB	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish		
			Viva Polska	TV	DVB	3/4	27.500			Polish		
			MTV Europe	TV	DVB	3/4	27.500	Cryptoworks		English		
			VH1 Europe A	TV	DVB	3/4	27.500	Conax/Cryptoworks		English		
			Comedy Central Polska	TV	DVB	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0		Polish		
			Nickelodeon Europe	TV	DVB	3/4	27.500	Conax/Cryptoworks/Nagravision 3/Viaccess 3.0	English,Hungarian,Russian,Portuguese			
MTVn HD	TV	DVB	3/4	27.500	Conax/Cryptoworks/Mediaguard 2/Nagravision 3/Viaccess 3.0		English,English					
D 11.096	H	Europe	<u>American Forces Network</u>	package	DVB	3/4	28.000	PowerVu				
			AFN News	TV	DVB	3/4	28.000	PowerVu		English		
			AFN Prime Freedom	TV	DVB	3/4	28.000	PowerVu		English		
			AFN Movie	TV	DVB	3/4	28.000	PowerVu		English		
			AFN Family	TV	DVB	3/4	28.000	PowerVu		English		
			Pentagon Channel	TV	DVB	3/4	28.000			English		
			AFN Xtra	TV	DVB	3/4	28.000	PowerVu		English		
			AFN Prime Atlantic Sigonella	TV	DVB	3/4	28.000	PowerVu		English		
			AFN Prime Atlantic Naples	TV	DVB	3/4	28.000	PowerVu		English		
			AFN Prime Atlantic Vicenza	TV	DVB	3/4	28.000	PowerVu		English		
			AFN Prime Atlantic Aviano	TV	DVB	3/4	28.000	PowerVu		English		
			AFN Prime Rota	TV	DVB	3/4	28.000	PowerVu		English		
			AFN The Eagle Vicenza 106	radio	DVB	3/4	28.000	PowerVu		English		
			Jack FM	radio	DVB	3/4	28.000	PowerVu		English		
			AFN Power Network Livorno	radio	DVB	3/4	28.000	PowerVu		English		
			AFN The Eagle Livorno	radio	DVB	3/4	28.000	PowerVu		English		
			AFN Freedom Radio	radio	DVB	3/4	28.000	PowerVu		English		
			AFN Uninterruptable Voice	radio	DVB	3/4	28.000			English		
			Z-Rock	radio	DVB	3/4	28.000			English		
			AFN The Eagle Souda Bay	radio	DVB	3/4	28.000	PowerVu		English		
			106 The Power Network	radio	DVB	3/4	28.000	PowerVu		English		
			AFN The Eagle Rota	radio	DVB	3/4	28.000	PowerVu		English		
			Mainstream Country	radio	DVB	3/4	28.000	PowerVu		English		
			Drive FX	radio	DVB	3/4	28.000	PowerVu		English		
			AFN Power Network Sigonella	radio	DVB	3/4	28.000	PowerVu		English		
			AFN The Eagle Sigonella	radio	DVB	3/4	28.000	PowerVu		English		
			AFN Power Network Naples	radio	DVB	3/4	28.000	PowerVu		English		
			AFN The Eagle Naples	radio	DVB	3/4	28.000	PowerVu		English		
			Power 107 FM	radio	DVB	3/4	28.000	PowerVu		English		
			Power 107 FM	radio	DVB	3/4	28.000	PowerVu		English		
AFN The Eagle Vicenza 106	radio	DVB	3/4	28.000	PowerVu		English					
D 11.117	V	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500	Conax/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0				
			Yes Italia	TV	DVB	3/4	27.500		Italian			
			R1	TV	DVB	3/4	27.500		Russian			
			Discovery Travel & Living Europe	TV	DVB	3/4	27.500	Conax/Irdeto 2/Mediaguard 2/Viaccess 3.0		Polish,English		
			CNBC	TV	DVB	3/4	27.500		English			
			BBC Lifestyle Polska	TV	DVB	3/4	27.500	Nagravision 3/Viaccess 3.0		Polish,English		
			CBeebies Polska	TV	DVB	3/4	27.500	Nagravision 3/Viaccess 3.0		Polish,English		
			BBC Knowledge Polska	TV	DVB	3/4	27.500	Nagravision 3/Viaccess 3.0		Polish,English		
			BBC Entertainment Polska	TV	DVB	3/4	27.500	Nagravision 3/Viaccess 3.0		Polish,English		
			Investigation Discovery Europe	TV	DVB	3/4	27.500	Conax/Irdeto 2/Mediaguard 2/Viaccess 3.0		Polish,English		
			D 11.137	H	Europe	<u>Arqiva</u>	package	DVB	3/4	27.500		
						NHK World TV	TV	DVB	3/4	27.500		English
						GEM TV	TV	DVB	3/4	27.500		Farsi
						TelefortuneSat	TV	DVB	3/4	27.500		Italian
Videolina Sat	TV	DVB				3/4	27.500		Italian			
Kurdistan TV	TV	DVB				3/4	27.500		Kurdish			
Farsi 1	TV	DVB				3/4	27.500		Farsi			
Sardegna 1 Sat	TV	DVB				3/4	27.500		Italian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC		MSy/s		
D 11.158	V	Europe	TV 5 Monde Europe	TV	DVB	3/4	Y 27.500		French
			TV 5 Monde FBS	TV	DVB	3/4	Y 27.500		French
			Motors TV	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 3.0	French,English,German,Serbian,Greek
			Crime & Investigation Network UK	TV	DVB	3/4	27.500	Mediaguard 2	English,Polish
			Radiolina	radio	DVB	3/4	27.500		Italian
			<u>Cyfrowy Polsat</u>	package	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3	
			Polsat	TV	DVB	3/4	Y 27.500	Nagravision 3	Polish
			Polsat Sport	TV	DVB	3/4	27.500	Nagravision 3	Polish
			Polsat 2	TV	DVB	3/4	27.500	Nagravision 3	Polish
			Polsat News	TV	DVB	3/4	27.500	Nagravision 3	Polish
			TV Biznes	TV	DVB	3/4	27.500		Polish
			Polsat Sport Extra	TV	DVB	3/4	27.500	Nagravision 3	Polish
			TV 4	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3	Polish
			Polsat Play	TV	DVB	3/4	27.500	Nagravision 3	Polish
D 11.179	H	Europe	Polsat Café	TV	DVB	3/4	27.500	Nagravision 3	Polish
			<u>Telespazio</u>	package	DVB	3/4	27.500		
			TeF Channel	TV	DVB	3/4	27.500		Italian
			Rai 1	TV	DVB	3/4	27.500	Nagravision 3	Italian
			Studio Europa	TV	DVB	3/4	27.500		Italian
			Globe Media	TV	DVB	3/4	27.500		Italian
			Teletotto	TV	DVB	3/4	27.500		Italian
			Telemarket	TV	DVB	3/4	Y 27.500		Italian
			MediaShopping	TV	DVB	3/4	27.500		Italian
			TV Canção Nova Internacional	TV	DVB	3/4	27.500		Portuguese
			TRSP	TV	DVB	3/4	27.500		Italian
			TV Moda	TV	DVB	3/4	27.500		Italian
			Tele Padre Pio	TV	DVB	3/4	27.500		Italian
			New TV	TV	DVB	3/4	27.500		Italian
D 11.200	V	Europe	GBR	TV	DVB	3/4	27.500		Italian
			Super Tennis	TV	DVB	3/4	27.500		Italian
			<u>Milano Teleport</u>	package	DVB	5/6	27.500		
			Velayat TV Network	TV	DVB	5/6	27.500		Urdu
			Elite Shopping TV	TV	DVB	5/6	27.500		Italian
			Liguria TV	TV	DVB	5/6	27.500		Italian
			Mediatel	TV	DVB	5/6	Y 27.500		Italian
			Sathouse promo	TV	DVB	5/6	27.500		Italian
			UTV	TV	DVB	5/6	27.500		English
			Star Sat	TV	DVB	5/6	27.500		Italian
			TeleCampione	TV	DVB	5/6	27.500		Italian
			Betting Channel	TV	DVB	5/6	27.500		Italian
			Italamia 2	TV	DVB	5/6	27.500		Italian
			Free Channel	TV	DVB	5/6	27.500		Italian
KlikSat	TV	DVB	5/6	27.500		Farsi			
Oasi TV	TV	DVB	5/6	27.500		Italian			
Play TV	TV	DVB	5/6	27.500		Italian			
Puntoshop Channel	TV	DVB	5/6	27.500		Italian			
Sat 8	TV	DVB	5/6	27.500		Italian			
Lunasat	TV	DVB	5/6	27.500		Italian			
Motori TV	TV	DVB	5/6	27.500		Italian			
EBC 1	TV	DVB	5/6	27.500		Farsi			
Trentino TV	TV	DVB	5/6	27.500		Italian			
G Channel	TV	DVB	5/6	27.500		Italian			
Odeon Sat	TV	DVB	5/6	27.500		Italian			
Radio Shora	radio	DVB	5/6	27.500		Arabic			
Radio Standa	radio	DVB	5/6	27.500		Italian			
Radio di per di	radio	DVB	5/6	27.500		Italian			
Radio McDonald's	radio	DVB	5/6	27.500		Italian			
Radio Expert	radio	DVB	5/6	27.500		Italian			
Billa Italia	radio	DVB	5/6	27.500		Italian			
Radio Jeans	radio	DVB	5/6	27.500		Italian			
Radio Metro'	radio	DVB	5/6	27.500		Italian			
Rang-a-Rang Radio	radio	DVB	5/6	27.500		Farsi			
Radio Intesa	radio	DVB	5/6	27.500		Italian			
Salam Watandar	radio	DVB	5/6	27.500		Italian			
Radio Intesa San Paolo	radio	DVB	5/6	27.500		Italian			
D 11.219	H	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
			Disney XD Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Hip Hop TV	TV	DVB	3/4	27.500	Videoguard	Italian
			Discovery Channel Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 11.240	V	Europe	Match Music TV	TV	DVB	3/4	27.500	Videoguard	Italian			
			DeA Kids +1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Rock TV	TV	DVB	3/4	27.500	Videoguard	Italian			
			Mediaset Plus	TV	DVB	3/4	27.500	Videoguard	Italian			
			Playhouse Disney Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Cartoon Network Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sinfonia	radio	DVB	3/4	27.500	Videoguard				
			Disc Joker	radio	DVB	3/4	27.500	Videoguard				
			Jazz & Fusion	radio	DVB	3/4	27.500	Videoguard				
			Baby Mix	radio	DVB	3/4	27.500	Videoguard				
			Cinema Deejay	radio	DVB	3/4	27.500	Videoguard				
			Opera	radio	DVB	3/4	27.500	Videoguard				
			Italian Vintage	radio	DVB	3/4	27.500	Videoguard				
			Deejay 50 Songs	radio	DVB	3/4	27.500	Videoguard				
			Yesterjay '80	radio	DVB	3/4	27.500	Videoguard				
			Hit Italia	radio	DVB	3/4	27.500	Videoguard				
			Extra Beat	radio	DVB	3/4	27.500	Videoguard				
			Capital '70	radio	DVB	3/4	27.500	Videoguard				
			Vintage '60	radio	DVB	3/4	27.500	Videoguard				
			Soulsista	radio	DVB	3/4	27.500	Videoguard				
			Yesterjay 2000	radio	DVB	3/4	27.500	Videoguard				
			Heart 'n Song	radio	DVB	3/4	27.500	Videoguard				
			Dance	radio	DVB	3/4	27.500	Videoguard				
			Jazz Gold	radio	DVB	3/4	27.500	Videoguard				
			Yesterjay '90	radio	DVB	3/4	27.500	Videoguard				
			Ritmo Latino	radio	DVB	3/4	27.500	Videoguard				
			Soul Train	radio	DVB	3/4	27.500	Videoguard				
			B-Side	radio	DVB	3/4	27.500	Videoguard				
			Rock Shock	radio	DVB	3/4	27.500	Videoguard				
			Capital Rock Classic	radio	DVB	3/4	27.500	Videoguard				
			Capital Livetime	radio	DVB	3/4	27.500	Videoguard				
			<u>Eutelsat</u>	package	DVB	3/4	27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0				
						France 24 Français	TV	DVB	3/4	27.500		French
						France 24 English	TV	DVB	3/4	27.500		English
						Club RTL	TV	DVB	3/4	Y 27.500	Mediaguard 2	French
						Eurosport	TV	DVB	3/4	Y 27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0/Videoguard	English,Greek,Dutch,Polish,Russian,Portuguese,Romanian,Czech,Hungarian,Bulgarian,Turkish,Serbian
						Eurosport 2	TV	DVB	3/4	Y 27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Videoguard	Polish,English,German,Russian,Greek,Serbian,Romanian,Turkish
						Eurosport 2 North-East	TV	DVB	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 Deux	TV	DVB	3/4	Y 27.500	Mediaguard 2	French
						RTL TVI	TV	DVB	3/4	Y 27.500	Mediaguard 2	French
						Disney Channel France	TV	DVB	3/4	27.500	Mediaguard 2	French
			Plug RTL	TV	DVB	3/4	Y 27.500	Mediaguard 2	French			
			La Une	TV	DVB	3/4	Y 27.500	Mediaguard 2	French			
D 11.258	H	Europe	<u>N</u>	package	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0				
			Animal Planet Europe	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2	Polish			
			Wojna i Pokój	TV	DVB-S2	3/4	27.500	Conax	Polish,Russian			
			TVP HD	TV	DVB-S2	3/4	27.500	Conax	Polish			
			Nat Geo Wild Europe	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,English,French			
			Cinemax Central Europe	TV	DVB-S2	3/4	27.500	Conax/Mediaguard 2	Polish			
			NFilm HD 2	TV	DVB-S2	3/4	27.500	Conax	Polish,Polish			
			NFilm HD	TV	DVB-S2	3/4	27.500	Conax	Polish,Polish			
			Eurosport 2 North-East	TV	DVB-S2	3/4	27.500		Polish,Danish,Serbian,English,Czech,Russian			
A 11.278	V	Europe	<u>Cyfra +</u>	package	DVB-S2	3/4	27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Videoguard				
			Eurosport	TV	DVB-S2	3/4	27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0/Videoguard	English,Turkish,Russian,Dutch,Czech,German,Portuguese,Polish,Hungarian,Spanish,Italian,Romanian			
			TVP HD	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			
			National Geographic Channel HD UK	TV	DVB-S2	3/4	27.500	Mediaguard 2	Polish			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 11.296	H	Europe	Canal + Sport Polska	TV	DVB-S2	3/4	27.500	Mediaguard 2	Polish			
			Canal + Film	TV	DVB-S2	3/4	27.500	Mediaguard 2	Polish			
			<u>Al Jazeera Sport Channel</u>	package	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0				
			Al Jazeera Sport Channel +10	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
			Al Jazeera Sport Channel +9	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
			Al Jazeera Sport Channel +8	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
			Al Jazeera Sport Channel +7	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
			Al Jazeera Sport Channel +6	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
			Al Jazeera Sport Channel +5	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
			Al Jazeera Sport Channel +4	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
			Al Jazeera Sport Channel +2	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
			Al Jazeera Sport World Cup Channel	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
			Al Jazeera Sport Channel +1	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	English,Arabic			
			Al Jazeera Sport Channel +3	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0	Arabic,English			
A 11.320	V	Europe	TV 5 Monde Europe	TV	PAL	6.60	Y	French				
D 11.334	H	Europe	<u>Mediaset</u>	package	DVB-S2	2/3	27.500	Mediaguard 2/Nagravision 3				
			Premium Calcio 4	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian			
			Italia 1	TV	DVB-S2	2/3	27.500	Mediaguard 2	Italian			
			Canale 5	TV	DVB-S2	2/3	27.500	Mediaguard 2	Italian			
			Steel +1	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian			
			Mya +1	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian			
			Rete 4 +1	TV	DVB-S2	2/3	27.500		Italian			
			Premium Moto GP	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian			
			Premium Calcio	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 2	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian			
			Premium Calcio	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian			
			Premium Menu	TV	DVB-S2	2/3	27.500		Italian			
			Cartoon Network Italia	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian			
			Disney Channel Italia +1	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian			
			Hiro	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian			
			Playhouse Disney Italia	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 6	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian			
			Premium Calcio 3	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian			
			D 11.355	V	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
						Sky Assist	TV	DVB	3/4	27.500	Videoguard	Italian
Music Box Italia	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Primafila 32	TV	DVB				3/4	27.500	Videoguard	Italian			
Fox Life Italia +1	TV	DVB				3/4	27.500	Videoguard	Italian			
Live!	TV	DVB				3/4	27.500	Videoguard	Italian			
Voce	TV	DVB				3/4	27.500	Videoguard	Italian			
Hallmark Channel Italy	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Primafila 31	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Primafila 33	TV	DVB				3/4	27.500	Videoguard	Italian			
Radio 24	radio	DVB				3/4	27.500	Videoguard	Italian			
RMC 1	radio	DVB				3/4	27.500	Videoguard	Italian			
Radio Dimensione Suono	radio	DVB				3/4	27.500	Videoguard	Italian			
Radio Italia	radio	DVB				3/4	27.500	Videoguard	Italian			
R101	radio	DVB				3/4	27.500	Videoguard	Italian			
RTL 102.5 FM	radio	DVB				3/4	27.500	Videoguard	Italian			
Radio Kiss Kiss	radio	DVB				3/4	27.500	Videoguard	Italian			
Radio DeeJay	radio	DVB				3/4	27.500	Videoguard	Italian			
Radio on Sky	radio	DVB				3/4	27.500	Videoguard	Italian			
M2o	radio	DVB				3/4	27.500	Videoguard	Italian			
Radio 105	radio	DVB				3/4	27.500	Videoguard	Italian			
Radio Capital	radio	DVB				3/4	27.500	Videoguard	Italian			
Virgin Radio Italia	radio	DVB	3/4	27.500	Videoguard	Italian						
D 11.373	H	Europe	<u>Mediaset</u>	package	DVB-S2	2/3	27.500	Nagravision 3				
			Joi	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian			
			Mya	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian			
			Premium Cinema	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian,English			
			Studio Universal Italia	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian			
			Premium Cinema Emotion	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian			
			Premium Cinema Energy	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian			
			Steel	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian			
			Joi +1	TV	DVB-S2	2/3	27.500	Nagravision 3	Italian			
			D 11.393	V	Europe	<u>Telewizja na karte</u>	package	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	
						Mango 24	TV	DVB	3/4	Y 27.500		Polish

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.	
				Digital	FEC	MSy/s				
D 11.411	H	Europe	TVN 7	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Polish	
			TVN 24	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish	
			TVN CNBC Biznes	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Viaccess 3.0	Polish	
			TVN Turbo	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish	
			TVN Style	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish	
			TVN	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish,Polish	
			TVN Meteo	TV	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 3.0	Polish	
			Telekom Srbija	package	DVB	5/6	27.500			
			Zee TV Russia	TV	DVB	5/6	27.500	Irdeto 2		Russian
			Kanal Hayat	TV	DVB	5/6	27.500			Turkish
			Al Hayat	TV	DVB	5/6	27.500			Arabic
			X-Dream TV	TV	DVB	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6/Viaccess 4.0		Italian
			Free-X TV 2	TV	DVB	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6/Viaccess 4.0		Italian
			Redlight Premium Channel	TV	DVB	5/6	27.500	Irdeto 2/SkyPilot/Viaccess 2.6/Viaccess 3.0		Italian
			Divafutura Channel	TV	DVB	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6		Italian
			Al Islah TV	TV	DVB	5/6	27.500			Arabic
			Tiziana Sat	TV	DVB	5/6	27.500			Italian
			Zee TV UK	TV	DVB	5/6	Y 27.500	Irdeto 2		Hindi
			Zee Cinema UK	TV	DVB	5/6	Y 27.500	Irdeto 2		Hindi
			RTS Satelit	TV	DVB	5/6	27.500			Serbian
			Redlight Premium Channel promo	TV	DVB	5/6	27.500			Italian
			French Lover TV	TV	DVB	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6/Viaccess 4.0		French
			Dorcel TV	TV	DVB	5/6	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0		English,French,German
			Azad TV International	TV	DVB	5/6	27.500			Azerbaijan
			RTA	TV	DVB	5/6	27.500			
			La Nuova TV	TV	DVB	5/6	27.500			Italian
			Free-X TV	TV	DVB	5/6	27.500	Conax/Irdeto 2/SkyPilot/Viaccess 2.6/Viaccess 4.0		Italian
			Radio Beograd 1	radio	DVB	5/6	27.500			Serbian
			Mediaset	package	DVB-S2	2/3	27.500			
			BBC World News	TV	DVB-S2	2/3	27.500			English
			Boing Italia	TV	DVB-S2	2/3	27.500			Italian
			Rete 4	TV	DVB-S2	2/3	27.500			Italian
			Canale 5	TV	DVB-S2	2/3	27.500			Italian
Coming Soon TV	TV	DVB-S2	2/3	27.500			Italian			
Class CNBC	TV	DVB-S2	2/3	27.500			Italian			
Iris	TV	DVB-S2	2/3	27.500			Italian			
Italia 1	TV	DVB-S2	2/3	27.500			Italian			
N	package	DVB-S2	2/3	27.500	Conax/Mediaguard 2/Nagravision 3					
MGM HD Polska	TV	DVB-S2	2/3	27.500	Conax		Polish			
Discovery HD Showcase	TV	DVB-S2	2/3	27.500	Conax/Nagravision 3		Polish			
N Sport	TV	DVB-S2	2/3	27.500	Conax		Polish,Polish			
TVN	TV	DVB-S2	2/3	27.500	Conax		Polish,Polish			
TVN +1	TV	DVB-S2	2/3	27.500	Conax		Polish,Polish			
VOD	TV	DVB-S2	2/3	27.500	Conax		Polish,English			
SatLink	package	DVB	5/6	27.500						
Somali Channel	TV	DVB	5/6	27.500			Somali			
Spy TV	TV	DVB	5/6	27.500			Italian			
Theme X Groups	TV	DVB	5/6	27.500	Irdeto 2/Viaccess 3.0					
Theme X Hardcore	TV	DVB	5/6	27.500	Irdeto 2/Viaccess 3.0					
Telecolor Sat	TV	DVB	5/6	27.500			Italian			
Salento Channel	TV	DVB	5/6	27.500			Italian			
Studio 100 Sat	TV	DVB	5/6	27.500			Italian			
Nickelodeon Europe	TV	DVB	5/6	27.500	Conax/Cryptoworks		Polish,English			
Rete Oro Sat	TV	DVB	5/6	27.500			Italian			
Theme X Peep	TV	DVB	5/6	27.500	Irdeto 2/Viaccess 3.0					
Sakun Thai Massage promo	TV	DVB	5/6	27.500			Italian			
Iran TV Network	TV	DVB	5/6	27.500			Farsi			
Al Malakoot Sat	TV	DVB	5/6	27.500			Arabic			
Tasvir e Iran	TV	DVB	5/6	27.500			Farsi			
Komala TV	TV	DVB	5/6	27.500			Kurdish			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			Al Islah TV	TV	DVB	5/6	27.500		Arabic
			Italiani nel mondo Channel	TV	DVB	5/6	27.500		Italian
			One Sri Lanka Channel	TV	DVB	5/6	27.500		Sinhalese
			Travel & Leisure TV	TV	DVB	5/6	27.500		English
			Rete Calabria	TV	DVB	5/6	27.500		Italian
			Tivu Tivu	TV	DVB	5/6	27.500		Italian
			Theme X Fetish	TV	DVB	5/6	27.500	Irdeto 2/Viaccess 3.0	
			Theme X Trans X	TV	DVB	5/6	27.500	Irdeto 2/Viaccess 3.0	
			Theme X 18	TV	DVB	5/6	27.500	Irdeto 2/Viaccess 3.0	
			Theme X Interracial	TV	DVB	5/6	27.500	Irdeto 2/Viaccess 3.0	
			Yahweh Prophetic TV	TV	DVB	5/6	27.500		English
			Dardasha TV	TV	DVB	5/6	27.500		
			Sawalef X	TV	DVB	5/6	27.500		Arabic
			Theme X Bizarre	TV	DVB	5/6	27.500	Irdeto 2/Viaccess 3.0	
			Al-Mawaddah TV	TV	DVB	5/6	27.500		Arabic
			Payam-e-Doost	radio	DVB	5/6	27.500		Farsi
			Radio Light	radio	DVB	5/6	27.500		
			Radio Vlaanderen	radio	DVB	5/6	27.500		Dutch
			Radio Vlaanderen Info	radio	DVB	5/6	27.500		Dutch
			Radio 74	radio	DVB	5/6	27.500		English
D 11.488	H	Europe	<u>Cyfra +</u>	package	DVB	3/4	27.500	Conax/Mediaguard 2/Nagravision 3/Viaccess 2.6/Viaccess 3.0	
			CNBC Europe	TV	DVB	3/4	27.500	Mediaguard 2	English
			TVP Polonia	TV	DVB	3/4	Y 27.500		Polish
			TV Silesia	TV	DVB	3/4	Y 27.500		Polish
			Kino Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish
			Trace TV	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.6	French
			ITV	TV	DVB	3/4	Y 27.500		Polish
			TVP Info	TV	DVB	3/4	Y 27.500	Conax/Mediaguard 2/Viaccess 3.0	Polish
			Zone Reality Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish,English
			Cinemax Central Europe	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish
			TV Puls	TV	DVB	3/4	27.500		Polish
			TVP Kultura	TV	DVB	3/4	Y 27.500		Polish
			Animal Planet Europe	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish
			Zone Club Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish,English
D 11.508	V	Europe	<u>Grupa ITI</u>	package	DVB	5/6	27.500	Conax/Mediaguard 2/Viaccess 3.0	
			Discovery Channel Polska	TV	DVB	5/6	27.500	Conax	Polish
			Religia TV	TV	DVB	5/6	27.500	Conax/Mediaguard 2/Viaccess 3.0	Polish
			N Sport	TV	DVB	5/6	27.500	Conax	Polish
			TVP Sport	TV	DVB	5/6	27.500	Conax	Polish
			Kino Polska	TV	DVB	5/6	27.500	Conax	Polish
			Discovery Historia	TV	DVB	5/6	27.500	Conax/Viaccess 3.0	Polish
			TVN Warszawa	TV	DVB	5/6	Y 27.500		Polish
D 11.526	H	Europe	<u>SRG SSR</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 4.0	
			RSI La 2	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	Italian
			RSI La 1	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	Italian
			TSR 2	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	French
			TSR 1	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	French
			Radio Suisse Classique	radio	DVB	3/4	27.500		French
			RSI Rete Uno	radio	DVB	3/4	27.500		Italian
			Option Musique	radio	DVB	3/4	27.500		French
			Couleur 3	radio	DVB	3/4	27.500		French
			RSR Espace 2	radio	DVB	3/4	27.500		French
			RSR La 1ère	radio	DVB	3/4	27.500		French
			RSI Rete Tre	radio	DVB	3/4	27.500		Italian
			World Radio Switzerland	radio	DVB	3/4	27.500		English
			RSI Rete Due	radio	DVB	3/4	27.500		Italian
D 11.541	V	Europe	<u>M-Three satcom</u>	package	DVB	5/6	22.000		
			La 7	TV	DVB	5/6	Y 22.000	Nagravision 3	Italian
			Teletirreno	TV	DVB	5/6	22.000		Italian
			50 Canale	TV	DVB	5/6	22.000		Italian
			T Sat	TV	DVB	5/6	22.000		Italian
			Jewels La Sorgente 1	TV	DVB	5/6	22.000		Italian
			Frisbee	TV	DVB	5/6	22.000		Italian
			BergamoSat	TV	DVB	5/6	22.000		Italian
			Toscana Channel	TV	DVB	5/6	22.000		Italian
			Italia 8 Prestige	TV	DVB	5/6	22.000		Italian
			YouDem TV	TV	DVB	5/6	22.000		Italian
			Sardegna Channel Sat	TV	DVB	5/6	22.000		Italian
			Umbria Channel Sat	TV	DVB	5/6	22.000		Italian
			Bag TV	TV	DVB	5/6	22.000		Italian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 11.566	H	Europe	Jewels La Sorgente 3	TV	DVB	5/6	22.000		Italian			
			RED	TV	DVB	5/6	22.000		Italian			
			DiscoRadio	radio	DVB	5/6	22.000		Italian			
			Radio Iglesias	radio	DVB	5/6	22.000		Italian			
			M2o	radio	DVB	5/6	22.000		Italian			
			Radio Deejay	radio	DVB	5/6	22.000		Italian			
			Radio Kiss Kiss	radio	DVB	5/6	22.000		Italian			
			Radio Kolbe	radio	DVB	5/6	22.000		Italian			
			R101	radio	DVB	5/6	22.000		Italian			
			Radio Capital	radio	DVB	5/6	22.000		Italian			
			Tam Tam Network	radio	DVB	5/6	22.000		Italian			
			Radio Sacra Famiglia InBlu	radio	DVB	5/6	22.000		Italian			
			Radio Cuore 2	radio	DVB	5/6	22.000		Italian			
			Radio Buon Consiglio	radio	DVB	5/6	22.000		Italian			
			Radio Cuore	radio	DVB	5/6	22.000		Italian			
			Virgin Radio Italia	radio	DVB	5/6	22.000		Italian			
			RMC 2	radio	DVB	5/6	22.000		Italian			
			Radio Onda d'Urto	radio	DVB	5/6	22.000		Italian			
			Radio 24	radio	DVB	5/6	22.000		Italian			
			<u>Overon</u>	package	DVB	3/4	27.500					
			Toyor Al Janah	TV	DVB	3/4	27.500		Arabic			
			Smile of a Child TV	TV	DVB	3/4	27.500		English			
			Salaam TV	TV	DVB	3/4	27.500		Arabic			
			CallShop	TV	DVB	3/4	27.500					
			Huda TV	TV	DVB	3/4	27.500		English			
			Nour TV	TV	DVB	3/4	27.500		Farsi			
			Nejat TV	TV	DVB	3/4	27.500		Farsi			
			TBN Europe	TV	DVB	3/4	27.500		English			
TBN Rossiya	TV	DVB	3/4	27.500		Russian						
The Healing Channel	TV	DVB	3/4	27.500		Arabic						
JCTV	TV	DVB	3/4	27.500		English						
The Church Channel	TV	DVB	3/4	27.500		English						
TBN Italia	TV	DVB	3/4	27.500		Italian						
Enlace TBN	TV	DVB	3/4	27.500		Spanish						
Ulibka Rebyonka	TV	DVB	3/4	27.500		Russian						
D 11.585	V	Europe	<u>GlobeCast World TV</u>	package	DVB	3/4	27.500					
			Viva l'Italia Channel	TV	DVB	3/4	27.500		Italian			
			Inspiration Network International	TV	DVB	3/4	27.500		English			
			Poker Italia 24	TV	DVB	3/4	27.500		Italian			
			Payam TV	TV	DVB	3/4	27.500		Arabic			
			EWTN UK	TV	DVB	3/4	27.500		English			
			121 Persia	TV	DVB	3/4	27.500					
			Ariana TV Network International	TV	DVB	3/4	27.500					
			121 Turkiye	TV	DVB	3/4	27.500					
			TV Globo Internacional Europa/África	TV	DVB	3/4	27.500	Nagravision 2/Viaccess 2.5	Portuguese			
			Tishk TV	TV	DVB	3/4	27.500		Kurdish			
			121 Salam	TV	DVB	3/4	27.500					
			Rebel TV	TV	DVB	3/4	27.500		Polish			
			E'TV Satellite	TV	DVB	3/4	27.500		Italian			
			Yerkir Media TV	TV	DVB	3/4	27.500		Armenian			
			Kalaighar TV UK	TV	DVB	3/4	27.500	Viaccess 2.5	Tamil			
			Loveworld TV	TV	DVB	3/4	27.500		English			
			Daystar TV	TV	DVB	3/4	27.500		English			
			India Contact	TV	DVB	3/4	27.500					
			121 Pakistan	TV	DVB	3/4	27.500					
			Payam Quran	radio	DVB	3/4	27.500					
			D 11.604	H	Europe	<u>Media Broadcast</u>	package	DVB	5/6	27.500		
						Sexty9 Arab	TV	DVB	5/6	27.500		Arabic
						121 India	TV	DVB	5/6	27.500		Arabic
						India Girls	TV	DVB	5/6	27.500		
						Napoli TLA	TV	DVB	5/6	27.500		Italian
						Ethnic TV	TV	DVB	5/6	27.500		Czech
						DW-TV Europe	TV	DVB	5/6	27.500	Y	
DW-TV Arabia	TV	DVB				5/6	27.500					
Hot Arab	TV	DVB				5/6	27.500		Arabic			
Arab-Jins TV	TV	DVB				5/6	27.500		Arabic			
Love TV	TV	DVB				5/6	27.500		Arabic			
Lebnaniat TV	TV	DVB				5/6	27.500		Arabic			
TV Capital	TV	DVB				5/6	27.500		Italian			
Arab 69	TV	DVB				5/6	27.500		Arabic			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			Tele A	TV	DVB	5/6	27.500		Italian
			1st Forex TV	TV	DVB	5/6	27.500		Arabic
			Sexy Sexy TV	TV	DVB	5/6	27.500		
			ASO Sat	TV	DVB	5/6	27.500		Kurdish
			Italiamia Sat	TV	DVB	5/6	27.500		Italian
			Arab Babes	TV	DVB	5/6	27.500		Arabic
			Al-Jameela TV	TV	DVB	5/6	27.500		Arabic
			Nisa 2 18+	TV	DVB	5/6	27.500		Arabic
			Arab XXX	TV	DVB	5/6	27.500		Arabic
			Erde & Mensch	TV	DVB	5/6	27.500		German
			Pali	TV	DVB	5/6	27.500		Russian
			DW-Radio 2	radio	DVB	5/6	27.500		English
			DW-Radio 3	radio	DVB	5/6	27.500		
			DW-Radio 9	radio	DVB	5/6	27.500		
			DW-Radio 8	radio	DVB	5/6	27.500		
			DW-Radio 6	radio	DVB	5/6	27.500		
			MR 5 Parlamenti adások	radio	DVB	5/6	27.500		Hungarian
			DW-Radio 5	radio	DVB	5/6	27.500		
			DW-Radio 4	radio	DVB	5/6	27.500		
			RNW 4	radio	DVB	5/6	27.500		
			DW-Radio 1	radio	DVB	5/6	27.500		German
			MR 4 Nemzetiségi adások	radio	DVB	5/6	27.500		
			China Radio International	radio	DVB	5/6	27.500		
			DW-Radio M	radio	DVB	5/6	27.500		
			Radio Nederland Wereldomroep	radio	DVB	5/6	27.500		
D 11.623	V	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500		
			Cartomanzia Lotto	TV	DVB	3/4	27.500		Italian
			Sexy Sat TV 2	TV	DVB	3/4	27.500		
			K+	TV	DVB	3/4	27.500		Russian
			4U India	TV	DVB	3/4	27.500		
			Win Cash	TV	DVB	3/4	27.500		
			KBS World	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5	Korean
			TVR International	TV	DVB	3/4	Y 27.500		Romanian
			Italia Channel	TV	DVB	3/4	27.500		Italian
			BBC Persian	TV	DVB	3/4	27.500		Farsi
			RTL 102.5 RadioVisione	TV	DVB	3/4	27.500		Italian
			Telepiù	TV	DVB	3/4	27.500		Italian
			Pianeta TV	TV	DVB	3/4	27.500		Italian
			Abu Dhabi Al Riyadiya 1	TV	DVB	3/4	27.500		Arabic
			Telesud	TV	DVB	3/4	27.500		French
			ARTE Français	TV	DVB	3/4	Y 27.500		French,German
			ARTE Radio	radio	DVB	3/4	27.500		French
			RadioClassica	radio	DVB	3/4	27.500		Italian
			Radio România International	radio	DVB	3/4	27.500		
			România în direct	radio	DVB	3/4	27.500		Romanian
			RTL 102.5 Classic	radio	DVB	3/4	27.500		Italian
			RTL 102.5 Radio Guardia Costiera	radio	DVB	3/4	27.500		Italian
			RTL 102.5 Italian Style	radio	DVB	3/4	27.500		Italian
			RTL 102.5 FM	radio	DVB	3/4	27.500		Italian
			RTL 102.5 Groove	radio	DVB	3/4	27.500		Italian
D 11.642	H	Europe	<u>Belgium Satellite Services</u>	package	DVB	3/4	27.500		
			ERT World	TV	DVB	3/4	Y 27.500		Greek
			Bloomberg TV Europe	TV	DVB	3/4	27.500		English
			Live Channel	TV	DVB	3/4	27.500		Farsi
			PEN	TV	DVB	3/4	27.500		Farsi
			Finest TV	TV	DVB	3/4	27.500		Turkish
			Iran TV Network	TV	DVB	3/4	27.500		Farsi
			Health & Beauty TV	TV	DVB	3/4	27.500		Italian
			DMTV	TV	DVB	3/4	27.500		Arabic
			Passione Pesca	TV	DVB	3/4	27.500		Italian
			Deytero 103.7	radio	DVB	3/4	27.500		Greek
			Radio Marija	radio	DVB	3/4	27.500		Croatian
			Voice of Greece	radio	DVB	3/4	27.500		Greek
			ERA Spor 101.8	radio	DVB	3/4	27.500		Greek
			Trito Programma	radio	DVB	3/4	27.500		Greek
			NET 105.8	radio	DVB	3/4	27.500		Greek
			Radio Almahabba	radio	DVB	3/4	27.500		Arabic
			Radio Zamaneh	radio	DVB	3/4	27.500		Farsi
			Radio Koprivnica	radio	DVB	3/4	27.500		Croatian
			Radio Eviva	radio	DVB	3/4	27.500		German

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.				
				Digital	FEC	MSy/s							
D 11.662	V	Europe	Radio Mir Medjugorje	radio	DVB	3/4	27.500			Croatian			
			Telespazio	package	DVB	3/4	27.500						
			Blu	TV	DVB	3/4	27.500				Italian		
			Teleitalia TV promo	TV	DVB	3/4	27.500				Italian		
			3 Channel	TV	DVB	3/4	27.500				Italian		
			Link promo	TV	DVB	3/4	27.500				Italian		
			TV 7 Lombardia	TV	DVB	3/4	27.500				Italian		
			Canale Italia	TV	DVB	3/4	27.500				Italian		
			Nostradamus	TV	DVB	3/4	27.500				Italian		
			Conto TV 3	TV	DVB	3/4	27.500		Conax/Videoguard		Italian		
			Shedar	TV	DVB	3/4	27.500				Italian		
			AB Channel	TV	DVB	3/4	27.500				Italian		
			Conto TV 2	TV	DVB	3/4	27.500		Conax/Videoguard		Italian		
			Conto TV promo	TV	DVB	3/4	27.500				Italian		
			Punto Sat 1	TV	DVB	3/4	27.500				Italian		
			Extra 3	TV	DVB	3/4	27.500				Greek		
			Italy Italy	TV	DVB	3/4	27.500				Italian		
			Libera	TV	DVB	3/4	27.500				Italian		
			GoldShop	TV	DVB	3/4	27.500				Italian		
			Telecolore	TV	DVB	3/4	27.500				Italian		
			Roma Sat	TV	DVB	3/4	27.500				Italian		
			Napoli Mia	TV	DVB	3/4	27.500				Italian		
			Conto TV 4	TV	DVB	3/4	27.500		Conax/Videoguard		Italian		
			Italy Sat	TV	DVB	3/4	27.500				Italian		
			Conto TV 1	TV	DVB	3/4	27.500		Conax/Videoguard		Italian		
			Class Horse TV	TV	DVB	3/4	27.500				English		
			Rolsat	TV	DVB	3/4	27.500				Italian		
			D 11.681	H	Europe	Bis	package	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0		
						France 5	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0		French
						BFM TV	TV	DVB	3/4	27.500			French
LCP	TV	DVB				3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0		French			
RTL 9	TV	DVB				3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0		French			
Encyclo	TV	DVB				3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0		French,Turkish			
Mangas	TV	DVB				3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0		French			
Action	TV	DVB				3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0		French			
NT1	TV	DVB				3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0		French			
AB Moteurs	TV	DVB				3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0		French,Turkish			
Escales	TV	DVB				3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0		French,Turkish			
TF 1	TV	DVB				3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0		French			
XXL	TV	DVB				3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0		French			
Chasse & Pêche	TV	DVB				3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0		French			
France Ô	TV	DVB				3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0		French			
Animaux	TV	DVB				3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0		French,Turkish			
Toute l'Histoire	TV	DVB				3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0		French			
AB 1	TV	DVB				3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0		French			
D 11.727	V	Europe				TSA	package	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard		
						Satisfacton Poker	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6		Italian
			TVE Internacional Europe	TV	DVB	3/4	Y 27.500			Spanish			
			Satisfaction Italy	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard		Italian			
			Diablo X TV 2	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard		Italian			
			Satisfaction Privé	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard		Italian			
			Teleitalia TV promo	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard		Italian			
			SCT	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard		Italian			
			Satisfaction Plus	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard		Italian			
			Diablo X TV 1	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 2.6/Videoguard		Italian			
			Canal 24 Horas	TV	DVB	3/4	Y 27.500			Spanish			
			Tak TV	TV	DVB	3/4	27.500			English			
			AVA Music Channel	TV	DVB	3/4	27.500			Farsi			
			BBC Arabic	TV	DVB	3/4	27.500			Arabic			
			DM Digital Euro	TV	DVB	3/4	27.500						
			BBC World Service Arabic	radio	DVB	3/4	27.500			Arabic			
			BBC World Service Azeri	radio	DVB	3/4	27.500			Azerbaijan			
			BBC World Service Turkish	radio	DVB	3/4	27.500			Turkish			
			BBC World Service Balkan	radio	DVB	3/4	27.500						
			BBC World Service Romanian	radio	DVB	3/4	27.500			Romanian			
			BBC World Service English Middle East	radio	DVB	3/4	27.500			English			
			BBC World Service Persian	radio	DVB	3/4	27.500			Farsi			
			RNE Radio Nacional	radio	DVB	3/4	27.500			Spanish			
			BBC World Service Albanian	radio	DVB	3/4	27.500			Albanian			
			BBC World Service English News	radio	DVB	3/4	27.500			English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 11.747	H	Europe	BBC World Service Ukrainian	radio	DVB	3/4	27.500		Ukrainian			
			BBC World Service English Europe	radio	DVB	3/4	27.500		English			
			RNE Ràdio 4	radio	DVB	3/4	27.500		Catalan			
			Radio Exterior de España	radio	DVB	3/4	27.500					
			RNE Radio 5	radio	DVB	3/4	27.500		Spanish			
			RNE Radio 3	radio	DVB	3/4	27.500		Spanish			
			RNE Radio Clásica	radio	DVB	3/4	27.500		Spanish			
			BBC World Service Russian	radio	DVB	3/4	27.500		Russian			
			<u>Du</u>	package	DVB	3/4	27.500					
			ME Shop	TV	DVB	3/4	27.500		Arabic			
			Inter TV Shop	TV	DVB	3/4	27.500					
			EZ Shop	TV	DVB	3/4	27.500		Arabic			
			MBC Maghreb Al-Arabia	TV	DVB	3/4	27.500		Arabic			
			Al Arabiya	TV	DVB	3/4	27.500		Arabic			
			Dubai TV Europe	TV	DVB	3/4	27.500		Arabic			
			Dubai Sports 3	TV	DVB	3/4	27.500		English,Arabic			
			Sama Dubai	TV	DVB	3/4	27.500		Arabic			
			Al Sharqiya TV	TV	DVB	3/4	27.500		Arabic			
			PMC	TV	DVB	3/4	27.500		Farsi			
			D 11.766	V	Europe	MBC FM	radio	DVB	3/4	27.500		Arabic
<u>RAI</u>	package	DVB				2/3	27.500					
Rai Scuola	TV	DVB				2/3	27.500		Italian			
Senato TV	TV	DVB				2/3	27.500		Italian			
Rai Yoyo	TV	DVB				2/3	27.500	Nagravision 3	Italian			
Rai Extra	TV	DVB				2/3	27.500	Nagravision 3	Italian			
Rai Med	TV	DVB				2/3	27.500		Italian			
Rai 3	TV	DVB				2/3	Y 27.500		Italian			
Rai 2	TV	DVB				2/3	Y 27.500		Italian			
Rai 1	TV	DVB				2/3	Y 27.500		Italian			
Rai Notturno Italiano	radio	DVB				2/3	27.500		Italian			
Filodiffusione 4	radio	DVB				2/3	27.500		Italian			
Filodiffusione 4	radio	DVB				2/3	27.500		Italian			
A 11.785	H	Europe				<u>Sky Italia</u>	package	DVB-S2	2/3	27.500	Videoguard	
						Sky Mondiale 1	TV	DVB-S2	2/3	27.500	Videoguard	Italian
			Sky Calcio 5	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
			National Geographic Channel HD Italia	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
			Fox Crime Italia	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
			Fox Italia	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
D 11.804	V	Europe	<u>RAI</u>	package	DVB	2/3	27.500					
			Rai Sport 2	TV	DVB	2/3	27.500		Italian			
			Camera dei Deputati	TV	DVB	2/3	27.500		Italian			
			Rai Sport 1	TV	DVB	2/3	27.500		Italian			
			Rai Premium	TV	DVB	2/3	27.500	Nagravision 3	Italian			
			Rai Storia	TV	DVB	2/3	27.500		Italian			
			Rai Gulp	TV	DVB	2/3	27.500		Italian			
			TV 2000	TV	DVB	2/3	Y 27.500		Italian			
			Rai Nettuno Sat Uno	TV	DVB	2/3	27.500		Italian			
			Rai Radio 2	radio	DVB	2/3	27.500		Italian			
			Isoradio	radio	DVB	2/3	27.500		Italian			
			GR Parlamento	radio	DVB	2/3	27.500		Italian			
			Rai Radio 1	radio	DVB	2/3	27.500		Italian			
			Rai Radio 3	radio	DVB	2/3	27.500		Italian			
			Radio InBlu	radio	DVB	2/3	27.500		Italian			
Filodiffusione 5	radio	DVB	2/3	27.500		Italian						
D 11.823	H	Europe	Vatican Radio 105 FM	radio	DVB	2/3	27.500					
			<u>Nova</u>	package	DVB	3/4	27.500	Irdeto 2				
			Star Channel	TV	DVB	3/4	Y 27.500	Irdeto 2	Greek			
			ANT 1	TV	DVB	3/4	Y 27.500	Irdeto 2	Greek			
			Alter Channel	TV	DVB	3/4	Y 27.500	Irdeto 2	Greek			
			Alpha TV	TV	DVB	3/4	Y 27.500	Irdeto 2	Greek			
			Novasports 1	TV	DVB	3/4	27.500	Irdeto 2	Greek			
			Novacinema 1	TV	DVB	3/4	27.500	Irdeto 2	Greek			
			Disney XD Hellas	TV	DVB	3/4	27.500	Irdeto 2	Greek,English			
			Mega TV	TV	DVB	3/4	Y 27.500	Irdeto 2	Greek			
			Ecclesia Radio	radio	DVB	3/4	27.500		Greek			
			SKAĪ 100.3 FM	radio	DVB	3/4	27.500	Irdeto 2	Greek			
			Melodia FM 99.2	radio	DVB	3/4	27.500	Irdeto 2	Greek			
D 11.843	V	Europe	Love Radio 97.5	radio	DVB	3/4	27.500	Irdeto 2	Greek			
			<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard				

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This document is provided for information purposes. No responsibility is taken for errors or omissions. Please note that most digital set top boxes (satellite receivers) are now fitted with a child protection function to prevent underage viewing of adult content. Features may vary according to manufacturer and model type but most boxes allow you to block unsuitable content. Contact your local dealer or installer to find out more.
Eutelsat S.A. - 70 rue Balard 75502 PARIS CEDEX 15 - Tel: 0153984747 - Fax: 0153983700 <http://www.eutelsat.com>

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.862	H	Europe	Caccia e Pesca	TV	DVB	3/4	27.500	Videoguard	Italian
			The History Channel Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Fox Crime Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian
			Jimmy Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Inside	TV	DVB	3/4	27.500	Videoguard	Italian
			Yacht & Sail Channel	TV	DVB	3/4	27.500	Videoguard	Italian
			JimJam Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Moto TV	TV	DVB	3/4	27.500	Videoguard	Italian
			<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
			Nat Geo Music	TV	DVB	3/4	27.500	Videoguard	Italian,English
			Sky TG 24 active mosaic	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky TG 24 active In primo piano	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky TG 24 active Sport	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky TG 24 active 5	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky TG 24	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky TG 24 active Speciale	TV	DVB	3/4	27.500	Videoguard	Italian
			FX Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Current TV Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			SNAI Sat	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Meteo 24	TV	DVB	3/4	27.500	Videoguard	Italian
D 11.881	V	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
			Nuvolari	TV	DVB	3/4	27.500	Videoguard	Italian
			Leonardo	TV	DVB	3/4	27.500	Videoguard	Italian
			Marco Polo	TV	DVB	3/4	27.500	Videoguard	Italian
			Fox Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian
			National Geographic Channel Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Alice	TV	DVB	3/4	27.500	Videoguard	Italian
			<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
			Sky Calcio 14	TV	DVB	3/4	27.500	Videoguard	Italian,English
			Sky Calcio 9	TV	DVB	3/4	27.500	Videoguard	Italian,English
Sky Primafila 22	TV	DVB	3/4	27.500	Videoguard	Italian			
Sky Primafila 16	TV	DVB	3/4	27.500	Videoguard	Italian			
Sky Calcio 6	TV	DVB	3/4	27.500	Videoguard	Italian,English			
Sky Calcio 11	TV	DVB	3/4	27.500	Videoguard	Italian,English			
Sky Calcio 10	TV	DVB	3/4	27.500	Videoguard	Italian,English			
Sky Calcio 8	TV	DVB	3/4	27.500	Videoguard	Italian,English			
Sky Primafila 17	TV	DVB	3/4	27.500	Videoguard	Italian			
Sky Cinema Classics	TV	DVB	3/4	27.500	Videoguard	Italian			
Sky Primafila 21	TV	DVB	3/4	27.500	Videoguard	Italian			
Sky Primafila 5	TV	DVB	3/4	27.500	Videoguard	Italian			
Sky Primafila 3	TV	DVB	3/4	27.500	Videoguard	Italian			
Sky Calcio 7	TV	DVB	3/4	27.500	Videoguard	Italian,English			
D 11.919	V	Europe	<u>Mediaset</u>	package	DVB	2/3	27.500		
			Iris	TV	DVB	2/3	27.500	Mediaguard 2/Nagravision 3	Italian
			Canale 5	TV	DVB	2/3	Y 27.500		Italian
			Boing Italia	TV	DVB	2/3	27.500	Mediaguard 2/Nagravision 3	Italian
			Rete 4	TV	DVB	2/3	Y 27.500		Italian
			Italia 1	TV	DVB	2/3	Y 27.500		Italian
			Canale 5	TV	DVB	2/3	Y 27.500	Mediaguard 2/Nagravision 3	Italian
			Radio Mater	radio	DVB	2/3	27.500		Italian
D 11.938	H	Europe	<u>Nova</u>	package	DVB	3/4	27.500	Irdeto 2	
			Lumiere TV	TV	DVB	3/4	27.500	Irdeto 2	English,Greek
			The History Channel South Africa	TV	DVB	3/4	27.500	Irdeto 2	English
			Private Spice	TV	DVB	3/4	27.500	Irdeto 2	English
			Boomerang Central & Eastern Europe	TV	DVB	3/4	27.500	Irdeto 2	English,Greek
			Alfa TV	TV	DVB	3/4	27.500	Irdeto 2	English,Greek
			Playboy TV	TV	DVB	3/4	27.500	Irdeto 2	English
			E! EMEA	TV	DVB	3/4	27.500	Irdeto 2	English
			Novasports 6	TV	DVB	3/4	27.500	Irdeto 2	Greek
			Novasports Highlights	TV	DVB	3/4	27.500	Irdeto 2	Greek
			Novasports 4	TV	DVB	3/4	27.500	Irdeto 2	Greek
			Novacinema 3	TV	DVB	3/4	27.500	Irdeto 2	Greek
			Mad Radio 106.2	radio	DVB	3/4	27.500	Irdeto 2	Greek
			Nova games	interacti	DVB	3/4	27.500	Irdeto 2	
			D 11.958	V	Europe	<u>Sky Italia</u>	package	DVB	3/4
Sky Sport Active 2	TV	DVB				3/4	27.500	Videoguard	Italian
Sky Sport 1	TV	DVB				3/4	27.500	Videoguard	Italian
Sky Sport Active 3	TV	DVB				3/4	27.500	Videoguard	Italian
Sky Sport 2	TV	DVB				3/4	27.500	Videoguard	Italian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 11.977	H	Europe	Sky Mondiale 1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Sport 24	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Sport Active 1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Toon Disney Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Discovery Channel Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard				
			Fox Crime Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Nat Geo Wild Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Zone Fantasy	TV	DVB	3/4	27.500	Videoguard	Italian			
			Cult	TV	DVB	3/4	27.500	Videoguard	Italian			
			Gambero Rosso Channel	TV	DVB	3/4	27.500	Videoguard	Italian			
			Fox Life Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			National Geographic Channel Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian			
			The History Channel Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Fox Retro	TV	DVB	3/4	27.500	Videoguard	Italian			
			Nat Geo Adventure	TV	DVB	3/4	27.500	Videoguard	Italian			
A 11.996	V	Europe	Fox Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			<u>Sky Italia</u>	package	DVB-S2	2/3	27.500	Videoguard				
			Discovery Channel Italia	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
			Sky Mondiale 2	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
			Sky Sport 3	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
			Sky Sport 1	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
			Sky Sport 2	TV	DVB-S2	2/3	27.500	Videoguard	Italian			
			D 12.015	H	Europe	<u>Arabesque</u>	package	DVB	3/4	27.500	Viaccess 2.5	
						Al Jazeera Sport Channel Global	TV	DVB	3/4	27.500		Arabic
						ART Hekayat	TV	DVB	3/4	27.500	Viaccess 2.5	Arabic
ART Hekayat Kaman	TV	DVB				3/4	27.500	Viaccess 2.5	Arabic			
Showtime Maghreb	TV	DVB				3/4	27.500	Viaccess 2.5	Arabic			
ART Cinema	TV	DVB				3/4	27.500	Viaccess 2.5	Arabic			
Iqraa	TV	DVB				3/4	27.500		Arabic			
LBC Europe	TV	DVB				3/4	27.500	Viaccess 2.5	Arabic			
ART Movie 1	TV	DVB				3/4	27.500	Viaccess 2.5	Arabic			
ART Movie 2	TV	DVB				3/4	27.500	Viaccess 2.5	Arabic			
Program One	radio	DVB				3/4	27.500		Arabic			
Radio Quran	radio	DVB				3/4	27.500		Arabic			
ART Al-Thekr	radio	DVB				3/4	27.500		Arabic			
D 12.034	V	Europe				<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
			Sky Cinema Max	TV	DVB	3/4	27.500	Videoguard	Italian			
			ESPN America Europe	TV	DVB	3/4	27.500	Videoguard	English			
			Sky Uno +1	TV	DVB	3/4	27.500	Videoguard	Italian			
			E! Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Playhouse Disney Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Cinema Family	TV	DVB	3/4	27.500	Videoguard	Italian			
			Cielo	TV	DVB	3/4	27.500		Italian			
			Sky Cinema Mania	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Cinema 1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Disney Channel Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			D 12.054	H	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
						Sky Calcio 12	TV	DVB	3/4	27.500	Videoguard	Italian,English
						Sky Sport Extra	TV	DVB	3/4	27.500	Videoguard	Italian
Sky Cinema Hits	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Cinema +1	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Uno	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Mondiale 2	TV	DVB				3/4	27.500	Videoguard	Italian			
Sky Calcio 15	TV	DVB				3/4	27.500	Videoguard	Italian,English			
Sky Sport 3	TV	DVB				3/4	27.500	Videoguard	Italian			
D 12.073	V	Europe				<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	
						Sky Primafila 29	TV	DVB	3/4	27.500	Videoguard	Italian
			Highlights 24	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Mondiale 1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Azzurri 24	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Mondiale 4	TV	DVB	3/4	27.500	Videoguard	Italian,English			
			Sky Mondiale 3	TV	DVB	3/4	27.500	Videoguard	Italian,English			
			Sky Primafila 30	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 28	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 27	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 27	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 8	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Calcio 5	TV	DVB	3/4	27.500	Videoguard	Italian,English			
			D 12.092	H	Europe	<u>Sky Italia</u>	package	DVB	3/4	27.500	Videoguard	

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 12.111	V	Europe	AXN Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky HD promo	TV	DVB	3/4	27.500	Videoguard	Italian			
			Comedy Central Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian			
			AXN Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Onda Latina	TV	DVB	3/4	27.500	Videoguard	Italian			
			Nick Jr Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			CNN International Europe	TV	DVB	3/4	27.500	Videoguard	English			
			Class CNBC	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Cinema Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Discovery Travel & Living Europe	TV	DVB	3/4	27.500	Videoguard	Italian			
			Discovery Science Channel	TV	DVB	3/4	27.500	Videoguard	Italian			
			Lady Channel	TV	DVB	3/4	27.500	Videoguard	Italian			
			<u>Telespazio</u>	package	DVB	3/4	27.500					
			High Life TV	TV	DVB	3/4	27.500		Italian			
			Puglia Channel	TV	DVB	3/4	27.500		Italian			
			Bethel TV	TV	DVB	3/4	27.500		Spanish			
			Challenger TV	TV	DVB	3/4	27.500		Italian			
			Sender Neu Jerusalem	TV	DVB	3/4	27.500		German			
			RIK Sat	TV	DVB	3/4	27.500		Greek			
			TeleFoggia	TV	DVB	3/4	27.500		Italian			
			Radio Radio TV	TV	DVB	3/4	27.500		Italian			
			Architecture Construction Materials Channel	TV	DVB	3/4	27.500		Italian			
			Al Jazeera Channel	TV	DVB	3/4	27.500		Arabic			
			Al Jazeera Documentary	TV	DVB	3/4	27.500		Arabic			
			Al Jazeera Mobasher	TV	DVB	3/4	27.500		Arabic			
			Telemarket 2	TV	DVB	3/4	27.500		Italian			
			Radio Maria Italia	radio	DVB	3/4	27.500		Italian			
			Radio Padre Pio	radio	DVB	3/4	27.500		Italian			
			Radio Dimensione Suono	radio	DVB	3/4	27.500		Italian			
			Dimensione Suono Roma	radio	DVB	3/4	27.500		Italian			
			Radio Padania Libera	radio	DVB	3/4	27.500		Italian			
			Radio Zeta	radio	DVB	3/4	27.500		Italian			
			Radio Vacri	radio	DVB	3/4	27.500		Italian			
			Radio Radio	radio	DVB	3/4	27.500		Italian			
			Radio Italia Anni 60	radio	DVB	3/4	27.500		Italian			
			Radio Popolare	radio	DVB	3/4	27.500		Italian			
			Radio Italia	radio	DVB	3/4	27.500		Italian			
			Radio Radicale	radio	DVB	3/4	27.500		Italian			
			CRC FM	radio	DVB	3/4	27.500		Italian			
			Radio EuroSpin	radio	DVB	3/4	27.500		Italian			
			D 12.130	H	Europe	<u>Nova</u>	package	DVB	3/4	27.500	Irdeto 2	
						Disney Channel Middle East	TV	DVB	3/4	27.500	Irdeto 2	English,Greek
FX Greece	TV	DVB				3/4	27.500	Irdeto 2	Greek			
Fox Life Greece	TV	DVB				3/4	27.500	Irdeto 2				
Nova promo	TV	DVB				3/4	27.500		Greek			
Novacinema Summer	TV	DVB				3/4	27.500	Irdeto 2	Greek			
D 12.149	V	Europe	<u>Antenna Hungária</u>	package	DVB	3/4	27.500					
			Equidia	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0	French			
			CCTV 4 Europe	TV	DVB	3/4	27.500		Chinese			
			Lider TV	TV	DVB	3/4	27.500		Azerbaijan			
			Al Shababiyah	TV	DVB	3/4	27.500		Arabic			
			CaspioNet	TV	DVB	3/4	27.500					
			Tunisie 7	TV	DVB	3/4	27.500	Y	Arabic			
			Tunisie Culture	radio	DVB	3/4	27.500		Arabic			
			Rete Sport	radio	DVB	3/4	27.500		Italian			
			Radio Nationale	radio	DVB	3/4	27.500		Arabic			
			Radio Città Futura	radio	DVB	3/4	27.500		Italian			
			Radio Tunis Chaîne Internationale	radio	DVB	3/4	27.500					
			Radio 6	radio	DVB	3/4	27.500		Italian			
			Ecoradio	radio	DVB	3/4	27.500		Italian			
			Lider Jazz Radio	radio	DVB	3/4	27.500		Azerbaijan			
D 12.169	H	Europe	<u>Nova</u>	package	DVB	3/4	27.500	Irdeto 2				
			Discovery Channel Europe	TV	DVB	3/4	27.500	Irdeto 2	English			
			Novasports 7	TV	DVB	3/4	27.500	Irdeto 2	Greek			
			SKAİ Tileorasi	TV	DVB	3/4	27.500	Irdeto 2	Greek			
			ET 3	TV	DVB	3/4	27.500	Y	Greek			
			Novasports 2	TV	DVB	3/4	27.500	Irdeto 2	Greek			
			Fox Life Greece	TV	DVB	3/4	27.500	Irdeto 2	Greek			
			Kanali Voulis	TV	DVB	3/4	27.500		Greek			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
D 12.188	V	Europe	Mad TV	TV	DVB	3/4	Y 27.500	Irdeto 2	Greek
			ET 1	TV	DVB	3/4	Y 27.500	Irdeto 2	Greek
			NET	TV	DVB	3/4	Y 27.500	Irdeto 2	Greek
			Cartoon Network Middle East & Africa	TV	DVB	3/4	27.500	Irdeto 2	English
			Makedonia TV	TV	DVB	3/4	Y 27.500	Irdeto 2	Greek
			NET 105.8	radio	DVB	3/4	27.500	Irdeto 2	Greek
			ERA Spor 101.8	radio	DVB	3/4	27.500	Irdeto 2	Greek
			Trito Programma	radio	DVB	3/4	27.500	Irdeto 2	Greek
			Hits GR	radio	DVB	3/4	27.500	Irdeto 2	Greek
			Ellinika Agapmena	radio	DVB	3/4	27.500	Irdeto 2	Greek
			Lounge TV	radio	DVB	3/4	27.500	Irdeto 2	Greek
			Rebetiko	radio	DVB	3/4	27.500	Irdeto 2	Greek
			Elliniko Rok	radio	DVB	3/4	27.500	Irdeto 2	Greek
			Deytero 103.7	radio	DVB	3/4	27.500	Irdeto 2	Greek
			<u>Cyfwowy Polsat</u>	package	DVB	3/4	27.500	Mediaguard 2/Nagravision 2/Nagravision 3	
			Polsat Futbol	TV	DVB	3/4	27.500	Nagravision 3	Polish
			Nat Geo Wild Europe	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	
			Discovery Channel Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish
			Fox Life Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish,English
			Extreme Sports Channel	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish
			Zone Romantica Polska & Magyar	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish
			AXN Crime	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish
			AXN Sci-Fi	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish
TVP 2	TV	DVB	3/4	Y 27.500	Nagravision 3	Polish			
Cinemax 2 Central Europe	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish			
ESPN Classic Europe	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish,English			
AXN Polska	TV	DVB	3/4	Y 27.500	Mediaguard 2/Nagravision 3	Polish			
Disney XD Polska	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish			
D 12.207	H	Europe	<u>RRsat Global Communications Network</u>	package	DVB	3/4	27.500		
			Arirang World	TV	DVB	3/4	27.500		Korean
			3ABN International	TV	DVB	3/4	27.500		English
			MKTV Sat	TV	DVB	3/4	27.500		Macedonian
			Ishtar TV	TV	DVB	3/4	27.500		Arabic
			CNL Evropa	TV	DVB	3/4	27.500		Russian
			IPN TV	TV	DVB	3/4	27.500		Farsi
			Red Hot Sex TV 1	TV	DVB	3/4	27.500	Viaccess 3.0	English
			Rojhelat TV	TV	DVB	3/4	27.500		Kurdish
			Red Hot Sex TV 2	TV	DVB	3/4	27.500	Viaccess 3.0	
			KICC TV	TV	DVB	3/4	27.500		English
			Didar Global TV	TV	DVB	3/4	27.500		Farsi
			Thai TV Global Network	TV	DVB	3/4	27.500		Thai
			XXX Xtreme	TV	DVB	3/4	27.500	Conax/Irdeto 2/Nagravision 3/Viaccess 2.6	English
			KurdSat	TV	DVB	3/4	27.500		Kurdish
			BVN TV Europa	TV	DVB	3/4	27.500		Dutch
			Fashion TV Europe	TV	DVB	3/4	27.500		
			VTV 4	TV	DVB	3/4	27.500		Vietnamese
			94 EFM	radio	DVB	3/4	27.500		Thai
			The Overcomer	radio	DVB	3/4	27.500		English
			Rock Nation	radio	DVB	3/4	27.500		German
			RNW 2	radio	DVB	3/4	27.500		English
			RNW 1	radio	DVB	3/4	27.500		Dutch
Neo Zwei	radio	DVB	3/4	27.500		German			
Voice of Vietnam	radio	DVB	3/4	27.500					
Makedonsko Radio	radio	DVB	3/4	27.500		Macedonian			
Voice of Tamils	radio	DVB	3/4	27.500		Tamil			
3ABN Radio	radio	DVB	3/4	27.500		English			
D 12.245	H	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500		
			Mezzo	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2/Viaccess 2.5	French
			KNN Channel	TV	DVB	3/4	27.500		Kurdish
			Al Baghdadia	TV	DVB	3/4	27.500		Arabic
			ICC Classic	TV	DVB	3/4	27.500		Farsi
			Korek TV	TV	DVB	3/4	27.500		Kurdish
			Kurd 1	TV	DVB	3/4	27.500		Kurdish
			Alsumaria	TV	DVB	3/4	27.500		Arabic
			Coming Soon TV	TV	DVB	3/4	27.500		Italian
			Syria Drama	TV	DVB	3/4	27.500		Arabic
			Al Rasheed TV	TV	DVB	3/4	27.500		Arabic

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
A 12.265	V	Europe	Azhari TV 2 promo	TV	DVB	3/4	27.500		
			France Maghreb	radio	DVB	3/4	27.500		French
			Al Rasheed FM	radio	DVB	3/4	27.500		Arabic
			TRT Tamil Oli	radio	DVB	3/4	27.500		Tamil
			Radio 2000	radio	DVB	3/4	27.500		Hebrew
			Radio Orient	radio	DVB	3/4	27.500		Arabic
			Cyfrowy Polsat	package	DVB-S2	2/3	27.500	Conax/Mediaguard 2/Nagravision 3	
			Polsat	TV	DVB-S2	2/3	27.500	Nagravision 3	Polish
			Polsat Sport HD	TV	DVB-S2	2/3	27.500	Nagravision 3	Polish
			HBO Polska	TV	DVB-S2	2/3	27.500	Conax/Mediaguard 2/Nagravision 3	Polish
D 12.284	H	Europe	Fox Life Polska	TV	DVB-S2	2/3	27.500	Conax/Mediaguard 2/Nagravision 3	Polish
			Cyfrowy Polsat	package	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	
			JimJam Europe	TV	DVB	3/4	27.500	Nagravision 3	Polish
			TVP Info	TV	DVB	3/4	27.500	Nagravision 3	Polish
			Superstacja	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish
			Polsat Film	TV	DVB	3/4	27.500	Nagravision 3	Polish
			Zone Europa	TV	DVB	3/4	27.500	Nagravision 3	Polish,Hungarian
			Boomerang Central & Eastern Europe	TV	DVB	3/4	27.500	Conax/Nagravision 3	Polish,English
			Cyfrowy Polsat promo	TV	DVB	3/4	27.500	Nagravision 3	Polish
			Travel Channel	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish,English,Russian
D 12.303	V	Europe	Blue Hustler Europe	TV	DVB	3/4	27.500	Nagravision 3	English
			TVP Sport	TV	DVB	3/4	27.500	Mediaguard 2/Nagravision 3	Polish
			Radio PIN	radio	DVB	3/4	27.500		Polish
			Radio Zet	radio	DVB	3/4	27.500		Polish
			RMF Maxxx	radio	DVB	3/4	27.500		Polish
			RMF Classic	radio	DVB	3/4	27.500		Polish
			Polskie Radio Jedynka	radio	DVB	3/4	27.500	Nagravision 3	Polish
			Polskie Radio Trójka	radio	DVB	3/4	27.500	Nagravision 3	Polish
			RMF FM	radio	DVB	3/4	27.500	Nagravision 3	Polish
			Planeta FM	radio	DVB	3/4	27.500		Polish
D 12.322	H	Europe	Radio Zlote Przeboje	radio	DVB	3/4	27.500		Polish
			TV Banking	interacti	DVB	3/4	27.500		
			Pogoda	interacti	DVB	3/4	27.500		
			Portal ITV	interacti	DVB	3/4	27.500		
			Orange	package	DVB-S2	2/3	27.500	Viaccess 3.0/Viaccess 4.0	
			W9	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			Jimmy 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
			Odyssée	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
D 12.322	H	Europe	Sport +	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			EI EMEA	TV	DVB-S2	2/3	27.500	Viaccess 3.0	English
			M6	TV	DVB-S2	2/3	27.500	Viaccess 3.0	French
			Eutelsat	package	DVB	3/4	27.500	Conax/Mediaguard 2/Viaccess 2.5/Viaccess 2.6/Videoguard	
			France 24 Arabe	TV	DVB	3/4	27.500		Arabic
			Sci Fi Channel Polska	TV	DVB	3/4	27.500	Conax/Mediaguard 2	Polish,Romanian
			K2	TV	DVB	3/4	27.500		Italian
			TV Arm Ru	TV	DVB	3/4	27.500		Russian
			Nashe Lubimoe Kino	TV	DVB	3/4	27.500	Conax/Viaccess 2.5/Viaccess 2.6/Videoguard	Russian
			Detski Mir	TV	DVB	3/4	27.500	Conax/Viaccess 2.5/Viaccess 2.6/Videoguard	Russian
D 12.322	H	Europe	World Fashion Channel International	TV	DVB	3/4	27.500		English
			Eurosport 2 FA Premier League	TV	DVB	3/4	27.500	Conax/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0	Romanian,Hungarian
			Rede Internacional de TV	TV	DVB	3/4	27.500		Portuguese
			Universal Channel Polska	TV	DVB	3/4	27.500	Conax/Mediaguard 2	Polish,Romanian
			TeleKlub	TV	DVB	3/4	27.500	Conax/Viaccess 2.5/Viaccess 2.6/Videoguard	Russian
			RTV International Europe	TV	DVB	3/4	27.500	Conax/Viaccess 2.5/Viaccess 2.6/Videoguard	Russian
			Radio Azadegan	radio	DVB	3/4	27.500		
			Radio Fles	radio	DVB	3/4	27.500		Serbian
			Peiraiiki Ekklesia 91.2 FM	radio	DVB	3/4	27.500		Greek
			Tref Radio	radio	DVB	3/4	27.500		Serbian
Megaradio	radio	DVB	3/4	27.500		Serbian			
D 12.322	H	Europe	Radio Svet Plus	radio	DVB	3/4	27.500		Serbian
			Bobar Radio	radio	DVB	3/4	27.500		Serbian
			Radio Lijepa Nasa	radio	DVB	3/4	27.500		Croatian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.	
				Digital	FEC					
A 12.341	V	Europe	Radio Srna Bosanka	radio	DVB	3/4	27.500		Bosnian	
			Radio Dija	radio	DVB	3/4	27.500		Arabic	
			Sky Italia	package	DVB-S2	2/3	27.500	Videoguard		
			Sky Mondiale 1	TV	DVB-S2	2/3	27.500	Videoguard		Italian,English
			Sky Cinema 1	TV	DVB-S2	2/3	27.500	Videoguard		Italian
			Sky Cinema Hits	TV	DVB-S2	2/3	27.500	Videoguard		Italian
			Sky Focus	TV	DVB-S2	2/3	27.500	Videoguard		Italian
A 12.360	H	Europe	Sky Cinema Max	TV	DVB-S2	2/3	27.500	Videoguard	Italian	
			Sky Italia	package	DVB-S2	2/3	27.500	Videoguard		
			Sky Primafila HD 1	TV	DVB-S2	2/3	27.500	Videoguard		Italian
			Sky Cinema Family	TV	DVB-S2	2/3	27.500	Videoguard		Italian
			Sky Cinema +1	TV	DVB-S2	2/3	27.500	Videoguard		Italian
			Sky Cinema +24	TV	DVB-S2	2/3	27.500	Videoguard		Italian
			AXN Italia	TV	DVB-S2	2/3	27.500	Videoguard		Italian
D 12.380	V	Europe	Sky Primafila HD 2	TV	DVB-S2	2/3	27.500	Videoguard	Italian	
			GlobeCast	package	DVB	3/4	27.500			
D 12.399	H	Europe	Abu Dhabi Al Oula Europe	TV	DVB	3/4	27.500		Arabic	
			Equidia Pro 1	TV	DVB	3/4	27.500	Mediaguard 2	French	
			Holy God	TV	DVB	3/4	27.500		Tamil	
			Sat 7 Arabic	TV	DVB	3/4	27.500		Arabic	
			Live TV	TV	DVB	3/4	27.500		Arabic	
			Telepace	TV	DVB	3/4	27.500		Italian	
			Yemen TV	TV	DVB	3/4	27.500		Arabic	
			Al-Zahra TV	TV	DVB	3/4	27.500		Arabic	
			KSA 2	TV	DVB	3/4	27.500		English	
			Spirit Word	TV	DVB	3/4	27.500		English	
			Al Sunnah Al Nabawiyah TV	TV	DVB	3/4	27.500		Arabic	
			Equidia Pro 3	TV	DVB	3/4	27.500	Mediaguard 2	French	
			Speda Channel	TV	DVB	3/4	27.500			
			Syria Satellite Channel	TV	DVB	3/4	27.500		Arabic	
			Karbala Satellite Channel	TV	DVB	3/4	27.500		Arabic	
			Aden Radio	radio	DVB	3/4	27.500		Arabic	
			Radio Vaticana Telepace	radio	DVB	3/4	27.500			
			Program Two	radio	DVB	3/4	27.500		Arabic	
			European Broadcast	radio	DVB	3/4	27.500			
			Radio Sout Al-Shbab	radio	DVB	3/4	27.500		Arabic	
			Emarat FM	radio	DVB	3/4	27.500		Arabic	
			Radio Maria France	radio	DVB	3/4	27.500		French	
			Radio Sout Al-Sha'ab	radio	DVB	3/4	27.500		Arabic	
			RFI Français	radio	DVB	3/4	27.500		French	
			El-Bernameg Al-Aam	radio	DVB	3/4	27.500		Arabic	
Sana'a Radio	radio	DVB	3/4	27.500		Arabic				
D 12.399	H	Europe	SRG SSR	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 4.0		
			SF Zwei	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	German	
			SF Info	TV	DVB	3/4	Y 27.500		German	
			HD Suisse	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 4.0	German,French,Italian,English	
			SF 1	TV	DVB	3/4	Y 27.500	Viaccess 2.6/Viaccess 4.0	German	
			DRS Musikwelle	radio	DVB	3/4	27.500		German	
			DRS 1	radio	DVB	3/4	27.500		German	
			DRS 2	radio	DVB	3/4	27.500		German	
			DRS 3	radio	DVB	3/4	27.500		German	
			Virus	radio	DVB	3/4	27.500		German	
			Radio Rumantsch	radio	DVB	3/4	27.500		Romany	
			Radio Swiss Pop	radio	DVB	3/4	27.500		German	
			Radio Swiss Jazz	radio	DVB	3/4	27.500		German	
			DRS 4 News	radio	DVB	3/4	27.500		German	
			Radio Swiss Classic	radio	DVB	3/4	27.500		German	
D 12.418	V	Europe	Sky Italia	package	DVB	3/4	27.500	Videoguard		
			Sky Primafila 15	TV	DVB	3/4	27.500	Videoguard	Italian	
			Sky Mondiale 4	TV	DVB	3/4	27.500	Videoguard	Italian	
			Sky Mondiale 3	TV	DVB	3/4	27.500	Videoguard	Italian	
			Sky Primafila 19	TV	DVB	3/4	27.500	Videoguard	Italian	
			Sky Primafila 14	TV	DVB	3/4	27.500	Videoguard	Italian	
			Sky Primafila 13	TV	DVB	3/4	27.500	Videoguard	Italian	
			Sky Primafila 12	TV	DVB	3/4	27.500	Videoguard	Italian	
			Sky Primafila 2	TV	DVB	3/4	27.500	Videoguard	Italian	
			Sky Primafila 1	TV	DVB	3/4	27.500	Videoguard	Italian	
			Sky Primafila promo	TV	DVB	3/4	27.500	Videoguard	Italian	
D 12.437	H	Europe	Sky Primafila 10	TV	DVB	3/4	27.500	Videoguard	Italian	
			IRIB	package	DVB	3/4	27.500			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
D 12.466	V	Europe	Jame-Jam TV Network 1	TV	DVB	3/4	27.500		Farsi,English			
			Press TV	TV	DVB	3/4	27.500		English			
			Alkawthar TV	TV	DVB	3/4	27.500		Arabic			
			Quran TV	TV	DVB	3/4	27.500		Farsi			
			Sahar 2	TV	DVB	3/4	27.500					
			Alalam News Channel	TV	DVB	3/4	27.500		Arabic			
			Jame-Jam TV Network 2	TV	DVB	3/4	27.500		Farsi,English			
			IRINN	TV	DVB	3/4	27.500		Farsi			
			Radio Sarasari	radio	DVB	3/4	27.500		Farsi			
			IRIB World Service Radio 1	radio	DVB	3/4	27.500					
			IRIB World Service Radio 2	radio	DVB	3/4	27.500					
			IRIB World Service Radio 4	radio	DVB	3/4	27.500					
			IRIB World Service Radio 3	radio	DVB	3/4	27.500					
			IRIB World Service Radio 6	radio	DVB	3/4	27.500					
			Sedaye Ashena 1	radio	DVB	3/4	27.500		Farsi			
			IRIB World Service Radio 2	radio	DVB	3/4	27.500					
			Radio Quran	radio	DVB	3/4	27.500		Farsi			
			COI Radio	radio	DVB	3/4	27.500		English			
			IRIB World Service Radio 1	radio	DVB	3/4	27.500					
			IRIB World Service Radio 5	radio	DVB	3/4	27.500					
			<u>Skv Italia</u>	package	DVB	3/4	29.900	Videoguard				
			Cartoon Network Italia +1	TV	DVB	3/4	29.900	Videoguard		Italian		
			Roma Channel	TV	DVB	3/4	29.900	Videoguard		Italian		
			Boomerang Italia +1	TV	DVB	3/4	29.900	Videoguard		Italian		
			Cooltoon	TV	DVB	3/4	29.900	Videoguard		Italian		
			Fox News Channel	TV	DVB	3/4	29.900	Videoguard		English		
			Sky News International	TV	DVB	3/4	29.900	Videoguard		English		
			Sky Primafila 8	TV	DVB	3/4	29.900	Videoguard		Italian		
			Disney Channel Italia +1	TV	DVB	3/4	29.900	Videoguard		Italian		
The MGM Channel Italia	TV	DVB	3/4	29.900	Videoguard		Italian					
Sky HD promo	TV	DVB	3/4	29.900	Videoguard		Italian					
Lei TV	TV	DVB	3/4	29.900	Videoguard		Italian					
Pesca e Caccia	TV	DVB	3/4	29.900	Videoguard		Italian					
GXT +1	TV	DVB	3/4	29.900	Videoguard		Italian					
D 12.476	H	Europe	<u>Orange Polska</u>	package	DVB-S2	3/4	27.500	Viaccess 3.0				
			Mezzo	TV	DVB-S2	3/4	27.500	Viaccess 3.0	French			
			KidsCo East Europe	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			
			Discovery World Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			Discovery Channel Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			AXN Crime Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			AXN Sci-Fi Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			Extreme Sports Channel	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			MTV Rocks	TV	DVB-S2	3/4	27.500	Viaccess 3.0	English			
			MTV Dance	TV	DVB-S2	3/4	27.500	Viaccess 3.0	English			
			Nat Geo Wild Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	English			
			Travel 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			
			TVP HD	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			Boomerang Central & Eastern Europe	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			Discovery Science Channel Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			AXN Polska	TV	DVB-S2	3/4	27.500	Viaccess 3.0	Polish			
			D 12.520	V	Europe	<u>QIv</u>	package	DVB	3/4	27.500		
						TV Koper	TV	DVB	3/4	27.500		Italian
RBK TV	TV	DVB				3/4	27.500		Russian			
TV Slovenija 2	TV	DVB				3/4	Y 27.500		Slovenian			
HRT 2	TV	DVB				3/4	Y 27.500	Viaccess 2.5/Viaccess 3.0	Croatian			
TV Slovenija 1	TV	DVB				3/4	Y 27.500		Slovenian			
HRT Satelitski Program	TV	DVB				3/4	Y 27.500	Viaccess 2.5/Viaccess 3.0	Croatian			
HRT Plus	TV	DVB				3/4	Y 27.500	Viaccess 2.5/Viaccess 3.0	Croatian			
TV Slovenija 3	TV	DVB				3/4	Y 27.500		Slovenian			
HRT 1	TV	DVB				3/4	Y 27.500		Croatian			
Glas Hrvatske	radio	DVB				3/4	27.500		Croatian			
Radio Slovenia International	radio	DVB				3/4	27.500					
Radio Banovina	radio	DVB				3/4	27.500		Croatian			
Radio Koprivnica	radio	DVB				3/4	27.500		Croatian			
Radio Capodistria	radio	DVB				3/4	27.500		Italian			
Radio Ars	radio	DVB				3/4	27.500		Slovenian			
Ra Slo 1	radio	DVB				3/4	27.500		Slovenian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.	
				Digital	FEC	MSy/s				
D 12.539	H	Europe	Otvoreni Radio	radio	DVB	3/4	27.500			Croatian
			HR Treci program	radio	DVB	3/4	27.500			Croatian
			HR Drugi program	radio	DVB	3/4	27.500			Croatian
			Mediaservis	radio	DVB	3/4	27.500			Croatian
			Antena Zagreb	radio	DVB	3/4	27.500			Croatian
			Narodni Radio	radio	DVB	3/4	27.500			Croatian
			HR Prvi program	radio	DVB	3/4	27.500			Croatian
			HR Radio Pula	radio	DVB	3/4	27.500			Croatian
			Val 202	radio	DVB	3/4	27.500			Slovenian
			<u>Eutelsat Skyplex</u>	package	DVB	3/4	27.500			
			Nile TV International	TV	DVB	3/4	27.500			
			Al Nile	TV	DVB	3/4	27.500			Arabic
			Thalitha TV	TV	DVB	3/4	27.500			Arabic
			TVA Vicenza	TV	DVB	3/4	27.500			Italian
			Carpe Diem	TV	DVB	3/4	27.500			Italian
			Eos	TV	DVB	3/4	27.500			Italian
			ReteSette	TV	DVB	3/4	27.500			Italian
			TV 8 Mont Blanc	TV	DVB	3/4	27.500			French
			Direct 8	TV	DVB	3/4	27.500			French
			Administra.it	TV	DVB	3/4	27.500			Italian
Canal Algérie	TV	DVB	3/4	27.500			Arabic			
Radio Algérie Internationale	radio	DVB	3/4	27.500						
Chaîne 2	radio	DVB	3/4	27.500			Arabic			
Radio Cairo Al Mowaghat 8	radio	DVB	3/4	27.500						
Chaîne 1	radio	DVB	3/4	27.500			Arabic			
D 12.558	V	Europe	<u>Eutelsat Skyplex</u>	package	DVB	3/4	27.500			
			Baraem	TV	DVB	3/4	27.500			Arabic
D 12.577	H	Europe	Al Jazeera Children's Channel	TV	DVB	3/4	27.500			Arabic
			<u>Orange</u>	package	DVB-S2	2/3	27.500	Viaccess 3.0		
			M6	TV	DVB-S2	2/3	27.500	Viaccess 3.0		French
			Orange cinemax	TV	DVB-S2	2/3	27.500	Viaccess 3.0		French
			Orange sport	TV	DVB-S2	2/3	27.500	Viaccess 3.0		French
			↳Télé	TV	DVB-S2	2/3	27.500	Viaccess 3.0		French
			KidsCo	TV	DVB-S2	2/3	27.500	Viaccess 3.0		French
			Orange cinehappy	TV	DVB-S2	2/3	27.500	Viaccess 3.0		French
			Orange cinechoc	TV	DVB-S2	2/3	27.500	Viaccess 3.0		French
			Orange cinegeants	TV	DVB-S2	2/3	27.500	Viaccess 3.0		French
			Canal + France	TV	DVB-S2	2/3	27.500	Viaccess 3.0		French
			Orange sport	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 cinenovo	TV	DVB-S2	2/3	27.500	Viaccess 3.0		French			
D 12.597	V	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500			
			ACQ-KBN	TV	DVB	3/4	27.500			English
			Armenia 1 TV	TV	DVB	3/4	27.500			Armenian
			JSTV 2	TV	DVB	3/4	27.500	Cryptoworks		Japanese
			EuroNews	TV	DVB	3/4	Y 27.500		French,English,German,Italian,Spanish,Portuguese,Russian,Arabic,Turkish,Farsi	
			JSTV 1	TV	DVB	3/4	27.500	Cryptoworks		Japanese,English
			CNN International Europe	TV	DVB	3/4	27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0		English
			Perviy kanal Europa	TV	DVB	3/4	27.500			Russian
			BBC World News	TV	DVB	3/4	Y 27.500			English
			Radio Finland	radio	DVB	3/4	27.500			
			Radio Suomi	radio	DVB	3/4	27.500			
			WRN Multilingual Asia Pacific	radio	DVB	3/4	27.500			
			Sawt Al Alam	radio	DVB	3/4	27.500			Arabic
			Adventist World Radio	radio	DVB	3/4	27.500			
			WRN Russkij	radio	DVB	3/4	27.500			Russian
			WRN Français	radio	DVB	3/4	27.500			French
			WRN English Europe	radio	DVB	3/4	27.500			English
			WRN Deutsch	radio	DVB	3/4	27.500			German
			RCI 3	radio	DVB	3/4	27.500			
			RCI 1	radio	DVB	3/4	27.500			English
			IBC Tamil Radio	radio	DVB	3/4	27.500			Tamil
			Radio Sedaye Iran	radio	DVB	3/4	27.500			Farsi
			National Prison Radio Network	radio	DVB	3/4	27.500			English
			CVC The Voice Asia	radio	DVB	3/4	27.500			Hindi
			WRN Moscow AM	radio	DVB	3/4	27.500			
			Family Radio International 1	radio	DVB	3/4	27.500			
			Radio Japan	radio	DVB	3/4	27.500			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 12.616	H	Europe	CNN Radio	radio	DVB	3/4	27.500	Conax/Cryptoworks/Irdeto 2/Mediaguard 2/Nagravision 3/Viaccess 3.0	English			
			Public Radio of Armenia	radio	DVB	3/4	27.500		Armenian			
			Family Radio International 2	radio	DVB	3/4	27.500					
			RCI 2	radio	DVB	3/4	27.500		French			
			Skyl Italia	package	DVB	3/4	27.500	Videoguard				
			La 7	TV	DVB	3/4	27.500	Videoguard	Italian			
			Milan Channel	TV	DVB	3/4	27.500	Videoguard	Italian			
			Nickelodeon Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Comedy Central Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sportitalia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sportitalia 2	TV	DVB	3/4	27.500	Videoguard	Italian			
			Baby TV Europe	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Calcio Info	TV	DVB	3/4	27.500		Italian			
			MyDeejay TV	TV	DVB	3/4	27.500	Videoguard	Italian			
			Nickelodeon Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
Video Italia	TV	DVB	3/4	27.500	Videoguard	Italian						
D 12.635	V	Europe	Skyl Italia	package	DVB	3/4	27.500	Videoguard				
			La 3	TV	DVB	3/4	27.500	Videoguard	Italian			
			Disney XD Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian			
			DeA Kids	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Cinema Max +1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Cinema +24	TV	DVB	3/4	27.500	Videoguard	Italian, Italian			
			Classica Italia	TV	DVB	3/4	27.500	Videoguard	Italian			
			Disney in English	TV	DVB	3/4	27.500	Videoguard	English			
			Juventus Channel	TV	DVB	3/4	27.500	Videoguard	Italian			
			Toon Disney Italia +1	TV	DVB	3/4	27.500	Videoguard	Italian			
			Inter Channel	TV	DVB	3/4	27.500	Videoguard	Italian			
			D 12.654	H	Europe	Arabsat	package	DVB	3/4	27.500		
						Sharjah TV	TV	DVB	3/4	27.500		Arabic
						Sudan TV	TV	DVB	3/4	27.500		Arabic
						Oman TV Satellite	TV	DVB	3/4	27.500		Arabic
Al Masriyah	TV	DVB				3/4	27.500		Arabic			
Al-Iraqiya TV	TV	DVB				3/4	27.500		Arabic			
Al Ordoni TV	TV	DVB				3/4	27.500		Arabic			
Qatar TV	TV	DVB				3/4	27.500		Arabic			
Al Mustakillah TV	TV	DVB				3/4	27.500		Arabic			
Al Quran Al Kareem TV	TV	DVB				3/4	27.500		Arabic			
Saudi Arabian TV 1	TV	DVB				3/4	27.500		Arabic			
Kuwait Space Channel	TV	DVB				3/4	27.500		Arabic			
Jamahiriya Satellite Channel	TV	DVB				3/4	27.500		Arabic			
Program One	radio	DVB				3/4	27.500		Arabic			
Sharjah FM	radio	DVB				3/4	27.500		Arabic			
Qatar Radio General	radio	DVB				3/4	27.500		Arabic			
Radio Quran	radio	DVB				3/4	27.500		Arabic			
Holy Quran Radio	radio	DVB				3/4	27.500		Arabic			
Radio Oman FM	radio	DVB				3/4	27.500		English			
Radio Kuwait Main	radio	DVB				3/4	27.500		Arabic			
Iza'at Al-Quran Al-Kareem wa al Barameg Al-Deeniyah	radio	DVB				3/4	27.500		Arabic			
Al-Shabab	radio	DVB				3/4	27.500		Arabic			
Republic of Iraq Radio	radio	DVB				3/4	27.500		Arabic			
El-Bernameg Al-Aam	radio	DVB				3/4	27.500		Arabic			
Holy Quran	radio	DVB				3/4	27.500		Arabic			
Sout Al-Arab	radio	DVB				3/4	27.500		Arabic			
El-Quran El-Karim	radio	DVB				3/4	27.500		Arabic			
Umdurman Radio	radio	DVB				3/4	27.500		Arabic			
Radio Umdurman Holy Koran	radio	DVB				3/4	27.500		Arabic			
Radio Oman	radio	DVB				3/4	27.500		Arabic			
Radio Jordan General Channel	radio	DVB	3/4	27.500		Arabic						
D 12.673	V	Europe	Skyl Italia	package	DVB	3/4	27.500	Videoguard				
			Sky Primafila 24	TV	DVB	3/4	27.500	Videoguard	Italian			
			Highlights 24	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky HD promo	TV	DVB	3/4	27.500	Videoguard				
			Sky Primafila 23	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 6	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 7	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 18	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 4	TV	DVB	3/4	27.500	Videoguard	Italian			
			Sky Primafila 20	TV	DVB	3/4	27.500	Videoguard	Italian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 12.692	H	Europe	Sky Primafila 26	TV	DVB	3/4	27.500	Videoguard	Italian
			Sky Primafila 25	TV	DVB	3/4	27.500	Videoguard	Italian
			Azzurri 24	TV	DVB	3/4	27.500	Videoguard	Italian
			Bis	package	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	
			France 4	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			AB 3	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5	French
			Ciné First	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5	French
			France 3 Sat	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			Orange sport info	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0	French
			Luxe TV	TV	DVB	3/4	27.500		French,English,Italian,Russian
			Gulli	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			AB 4	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5	French
			Ciné FX	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			Ciné Polar	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			TMC	TV	DVB	3/4	Y 27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			W9	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0	French
			France 2	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0	French
			NRJ 12	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0	French
			M6	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0	French
			D 12.713	V	Europe	Virgin 17	TV	DVB	3/4
<u>Skv Italia</u>	package	DVB				3/4	27.500	Videoguard	
Sky Primafila 37	TV	DVB				3/4	27.500	Videoguard	Italian
Sky Primafila 35	TV	DVB				3/4	27.500	Videoguard	Italian
Sky Primafila 36	TV	DVB				3/4	27.500	Videoguard	Italian
Sky Primafila 34	TV	DVB				3/4	27.500	Videoguard	Italian
Eurosport 2 Italia	TV	DVB				3/4	27.500	Videoguard	Italian
Sky Primafila 38	TV	DVB				3/4	27.500	Videoguard	Italian
Eurosport News Italia	TV	DVB				3/4	27.500	Videoguard	Italian
Sky Primafila 9	TV	DVB				3/4	27.500	Videoguard	Italian
D 12.731	H	Europe	Eurosport Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			<u>Skv Italia</u>	package	DVB	3/4	27.500	Videoguard	
			MTV Gold	TV	DVB	3/4	27.500	Videoguard	
			GXT	TV	DVB	3/4	27.500	Videoguard	Italian
			Boomerang Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			MTV Hits Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			MTV Brand New	TV	DVB	3/4	27.500	Videoguard	
			MTV Pulse Italia	TV	DVB	3/4	27.500	Videoguard	
			MTV Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			ESPN Classic Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Discovery Real Time Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			Animal Planet Italia	TV	DVB	3/4	27.500	Videoguard	Italian
			VH1 Europe A	TV	DVB	3/4	27.500	Videoguard	English

EUROBIRD™ 1 (28.5°EAST)

D 11.222	H	Fixed	<u>Skv UK</u>	package	DVB	2/3	27.500		
			UCB TV	TV	DVB	2/3	27.500		English
			Edge	TV	DVB	2/3	27.500		English
			BET UK +1	TV	DVB	2/3	27.500		English
			Press TV	TV	DVB	2/3	27.500		English
			Clubland TV	TV	DVB	2/3	27.500		English
			Horror Channel +1	TV	DVB	2/3	27.500		English
			Jewellery Maker	TV	DVB	2/3	27.500		English
			Babestation 2	TV	DVB	2/3	27.500		English
			Lava	TV	DVB	2/3	27.500		English
			The Boudoir	TV	DVB	2/3	27.500		English
			Sport XXX Girls	TV	DVB	2/3	27.500	Videoguard	English
			Babeworld MILF	TV	DVB	2/3	27.500		English
			Chat Box	TV	DVB	2/3	27.500		English
			Fashion TV UK	TV	DVB	2/3	27.500		English
			Ummah Channel	TV	DVB	2/3	27.500		English
			Sport XXX Babes	TV	DVB	2/3	27.500		English
			LBC 97.3	radio	DVB	2/3	27.500		English
			BFBS Radio Digital	radio	DVB	2/3	27.500		English
			Heart 106.2	radio	DVB	2/3	27.500		English
			Galaxy Yorkshire	radio	DVB	2/3	27.500		English
			Sunrise Radio	radio	DVB	2/3	27.500		English
			D 11.224	V	Fixed	<u>Skv UK</u>	package	DVB	2/3
Al Jazeera Children's Channel	TV	DVB				2/3	27.500		Arabic
Movies4Men	TV	DVB				2/3	27.500		English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	MHz	Text	Access	Lang.
				Digital	FEC	MSy/s				
			Movies4Men 2	TV	DVB	2/3	27.500			English
			Sahara One	TV	DVB	2/3	27.500	Videoguard		Hindi
			PTV Global UK & Europe	TV	DVB	2/3	27.500			Urdu
			Venus TV	TV	DVB	2/3	27.500			English
			Nollywood Movies	TV	DVB	2/3	27.500	Videoguard		English
			SAB TV	TV	DVB	2/3	27.500	Videoguard		Hindi
			Amrit Bani	radio	DVB	2/3	27.500			Panjabi
			WRN English Europe	radio	DVB	2/3	27.500			English
			Absolute Classic Rock	radio	DVB	2/3	27.500			English
			Absolute Radio	radio	DVB	2/3	27.500			English
			RTÉ Radio 1 Extra	radio	DVB	2/3	27.500			English
			TWR UK	radio	DVB	2/3	27.500			English
			Absolute 80s	radio	DVB	2/3	27.500			English
			Insight Radio	radio	DVB	2/3	27.500			English
			Jazz FM	radio	DVB	2/3	27.500			English
			Voice of Truth Radio	radio	DVB	2/3	27.500			English
			Family Radio	radio	DVB	2/3	27.500			English
			Gaydar Radio	radio	DVB	2/3	27.500			English
			Yorkshire Radio	radio	DVB	2/3	27.500			English
			Ignition Radio	radio	DVB	2/3	27.500			
			Spectrum Radio Sky	radio	DVB	2/3	27.500			
			CC Radio	radio	DVB	2/3	27.500			English
			Rádio Record	radio	DVB	2/3	27.500			Portuguese
			Desi Radio	radio	DVB	2/3	27.500			
			Rainbow Radio	radio	DVB	2/3	27.500			
			Radio Caroline	radio	DVB	2/3	27.500			English
			Npower Radio	radio	DVB	2/3	27.500			English
			NME Radio	radio	DVB	2/3	27.500			English
			Free & Prize PlayJam Games	interacti	DVB	2/3	27.500	Videoguard		
D 11.260	V	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500			
			Aaj Tak International	TV	DVB	2/3	27.500	Videoguard		Hindi
			Smart Live Casino Roulette	TV	DVB	2/3	27.500			English
			NTV	TV	DVB	2/3	27.500			Bengali
			Open Access 2	TV	DVB	2/3	27.500			English
			Renault TV UK	TV	DVB	2/3	27.500			English
			Gospel Channel	TV	DVB	2/3	27.500			English
			Faith TV +1	TV	DVB	2/3	27.500			English
			Omusic TV	TV	DVB	2/3	27.500			English
			Revelation TV	TV	DVB	2/3	27.500			English
			Movies4Men 2 +1	TV	DVB	2/3	27.500			English
			Open Access 3	TV	DVB	2/3	27.500			English
			Showcase TV	TV	DVB	2/3	27.500			English
D 11.261	H	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500			
			Thane Direct	TV	DVB	2/3	27.500			English
			Horror Channel	TV	DVB	2/3	27.500			English
			GayNetwork	TV	DVB	2/3	27.500			English
			Wonderful	TV	DVB	2/3	27.500			English
			Star Plus UK	TV	DVB	2/3	27.500	Videoguard		Hindi
			Max TV!	TV	DVB	2/3	27.500			English
			CNBC UK	TV	DVB	2/3	27.500	Y		English
			The Africa Channel	TV	DVB	2/3	27.500	Videoguard		English
			Star Gold UK	TV	DVB	2/3	27.500	Videoguard		Hindi
			Crime & Investigation Network UK +1	TV	DVB	2/3	27.500	Videoguard		English
			Casino TV	TV	DVB	2/3	27.500			English
			3e	TV	DVB	2/3	27.500	Videoguard		English
			CBS Reality +1	TV	DVB	2/3	27.500			English
			Travel Channel UK +1	TV	DVB	2/3	27.500			English
			DM Digital	TV	DVB	2/3	27.500			Urdu
			Panjab Radio	radio	DVB	2/3	27.500			Panjabi
D 11.307	H	Fixed	Virgin 1 +1	TV	DVB	2/3	27.500	Videoguard		English
D 11.307	H	Fixed	S4C Dau Two	TV	DVB	2/3	27.500			Welsh
D 11.307	H	Fixed	Propeller	TV	DVB	2/3	27.500			English
D 11.307	H	Fixed	Living Ireland	TV	DVB	2/3	27.500	Videoguard		English
D 11.307	H	Fixed	Bravo 2	TV	DVB	2/3	27.500	Videoguard		English
D 11.307	H	Fixed	Challenge +1	TV	DVB	2/3	27.500	Videoguard		English
D 11.307	H	Fixed	Livingit +1	TV	DVB	2/3	27.500	Videoguard		English
D 11.307	H	Fixed	Premier Christian Radio	radio	DVB	2/3	27.500			English
D 11.307	H	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard		
D 11.307	V	Fixed	Ideal & More	TV	DVB	2/3	27.500			English
D 11.307	V	Fixed	Create and Craft	TV	DVB	2/3	27.500			English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	MHz	Text	Access	Lang.
				Digital	FEC		MSy/s			
D 11.307	V	Fixed	Club Paradiso	TV	DVB	2/3	27.500			English
D 11.307	V	Fixed	Ideal World	TV	DVB	2/3	27.500			English
D 11.307	V	Fixed	MUTV	TV	DVB	2/3	Y 27.500	Videoguard		English
D 11.307	V	Fixed	Aastha International	TV	DVB	2/3	27.500			Hindi
D 11.307	V	Fixed	The Jewellery Channel	TV	DVB	2/3	27.500			English
D 11.307	V	Fixed	High Street TV	TV	DVB	2/3	27.500			English
D 11.307	V	Fixed	Motors TV UK	TV	DVB	2/3	27.500	Videoguard		French,English
D 11.307	V	Fixed	<u>Skv UK</u>	package	DVB	2/3	27.500			
D 11.343	V	Fixed	<u>Skv UK</u>	package	DVB	2/3	27.500			
			Takbeer TV	TV	DVB	2/3	27.500			
			My Channel	TV	DVB	2/3	27.500			English
			Psychic & Soul	TV	DVB	2/3	27.500			English
			Psychic TV	TV	DVB	2/3	27.500			English
			Ahlulbayt TV	TV	DVB	2/3	27.500			English
			NickToons Replay	TV	DVB	2/3	27.500	Videoguard		English
			Comedy Central Extra +1	TV	DVB	2/3	27.500	Videoguard		English
			Babeworld TV	TV	DVB	2/3	27.500			English
			Asian Connections	TV	DVB	2/3	27.500			English
			NDTV Imagine	TV	DVB	2/3	27.500			Hindi
			Star One UK	TV	DVB	2/3	27.500	Videoguard		Hindi
			Babestation	TV	DVB	2/3	27.500			English
			Brit Asia TV	TV	DVB	2/3	27.500			English
			Babestation Xtra	TV	DVB	2/3	27.500			English
			Starz	TV	DVB	2/3	27.500			English
			Asian Babes	TV	DVB	2/3	27.500			English
			CBS Drama	TV	DVB	2/3	27.500			English
D 11.344	H	Fixed	<u>Skv UK</u>	package	DVB	2/3	27.500			
			BET UK	TV	DVB	2/3	27.500			English
			Wedding TV UK	TV	DVB	2/3	27.500			English
			40+ Readers Wives	TV	DVB	2/3	27.500			English
			Chat Lounge	TV	DVB	2/3	27.500			English
			LivexxBabes	TV	DVB	2/3	27.500			English
			Latin Connections	TV	DVB	2/3	27.500			English
			Hidayat TV	TV	DVB	2/3	27.500			Urdu
			Nick Jr UK +1	TV	DVB	2/3	27.500	Videoguard		English
			Food Network UK +1	TV	DVB	2/3	27.500			English
			Elite TV 914	TV	DVB	2/3	27.500			English
			Bangla TV	TV	DVB	2/3	27.500			Bengali
			Retro TV	TV	DVB	2/3	27.500			English
			ESPN Classic UK	TV	DVB	2/3	27.500	Videoguard		English
			EI Ireland	TV	DVB	2/3	27.500	Videoguard		English
			Food Network UK	TV	DVB	2/3	27.500			English
D 11.389	H	Fixed	<u>Skv UK</u>	package	DVB	2/3	27.500	Videoguard		
			DMAX UK +2	TV	DVB	2/3	27.500	Videoguard		English
			Discovery Shed	TV	DVB	2/3	27.500	Videoguard		English
			Discovery Real Time UK +1	TV	DVB	2/3	27.500	Videoguard		English
			Discovery Knowledge +1	TV	DVB	2/3	27.500	Videoguard		English
			Quest +1	TV	DVB	2/3	27.500	Videoguard		English
			DMAX UK	TV	DVB	2/3	27.500	Videoguard		English
			Discovery Science Channel UK +1	TV	DVB	2/3	27.500	Videoguard		English
			Animal Planet Europe +1	TV	DVB	2/3	27.500	Videoguard		English
			Investigation Discovery Europe	TV	DVB	2/3	27.500	Videoguard		English
			Discovery Home & Health UK +1	TV	DVB	2/3	27.500	Videoguard		English
			DMAX UK +1	TV	DVB	2/3	27.500	Videoguard		English
D 11.390	V	Fixed	<u>Skv UK</u>	package	DVB	2/3	27.500	Videoguard		
			Top Shelf TV	TV	DVB	2/3	27.500	Videoguard		English
			Elite TV 911	TV	DVB	2/3	27.500			English
			Playboy TV UK	TV	DVB	2/3	Y 27.500	Videoguard		English
			Adult Channel	TV	DVB	2/3	Y 27.500	Videoguard		English
			Climax 3-3	TV	DVB	2/3	27.500	Videoguard		English
			Climax 3-2	TV	DVB	2/3	27.500	Videoguard		English
			Climax 3-1	TV	DVB	2/3	27.500	Videoguard		English
			Playboy TV UK promo	TV	DVB	2/3	27.500			English
			Celebrity Shop	TV	DVB	2/3	27.500			English
			ARY News UK & USA	TV	DVB	2/3	27.500			Urdu
			Movies 24 UK +	TV	DVB	2/3	27.500	Videoguard		English
			Movies 24 UK	TV	DVB	2/3	27.500	Videoguard		English
			Tease Me TV 902	TV	DVB	2/3	27.500			English
D 11.426	V	Fixed	<u>Skv UK</u>	package	DVB	2/3	27.500			
			Diva TV	TV	DVB	2/3	27.500	Videoguard		English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.				
				Digital	FEC	MSy/s							
D 11.428	H	Fixed	KICC TV	TV	DVB	2/3	27.500			English			
			Glory TV	TV	DVB	2/3	27.500			English			
			Bloomberg TV Europe	TV	DVB	2/3	27.500			English			
			Speed Auction TV	TV	DVB	2/3	27.500			English			
			ARY QTV	TV	DVB	2/3	27.500	Videoguard		English			
			Colors	TV	DVB	2/3	27.500	Videoguard		Hindi			
			Price-Drop TV	TV	DVB	2/3	27.500			English			
			Aag TV UK	TV	DVB	2/3	27.500	Videoguard					
			Geo UK	TV	DVB	2/3	27.500	Videoguard		Urdu			
			Bid TV	TV	DVB	2/3	27.500			English			
			<u>Arqiva</u>	package	DVB	2/3	27.500	PowerVu					
			Wellbeing	radio	DVB	2/3	27.500						
			My Best Radio	radio	DVB	2/3	27.500			Italian			
			Low Energy	radio	DVB	2/3	27.500						
			Classic	radio	DVB	2/3	27.500						
			Groove	radio	DVB	2/3	27.500						
			Radio Shepherd	radio	DVB	2/3	27.500			English			
			Rabbi Radio	radio	DVB	2/3	27.500						
High Energy	radio	DVB	2/3	27.500									
D 11.469	H	S1	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard					
			Sky Box Office 4	TV	DVB	2/3	27.500	Videoguard		English			
			Sky Box Office 35	TV	DVB	2/3	27.500	Videoguard		English			
			History UK +1	TV	DVB	2/3	27.500	Videoguard		English			
			Sky Box Office 54	TV	DVB	2/3	27.500	Videoguard		English			
D 11.488	V	S1	<u>Sky UK</u>	package	DVB	2/3	27.500						
			Premier Sports Extra	TV	DVB	2/3	27.500			English			
			ATN Bangla UK	TV	DVB	2/3	27.500			Bengali			
			Iqra TV	TV	DVB	2/3	27.500			English			
			Channel S UK	TV	DVB	2/3	27.500			Bengali			
			Peace TV UK	TV	DVB	2/3	27.500			English			
			Peace TV Urdu	TV	DVB	2/3	27.500			Urdu			
			Premier Sports	TV	DVB	2/3	27.500			English			
			Setanta Ireland	TV	DVB	2/3	27.500	Videoguard		English			
			Blue Kiss	TV	DVB	2/3	27.500			English			
			Setanta Sports 1	TV	DVB	2/3	27.500	Videoguard		English			
			NewsTalk	radio	DVB	2/3	27.500			English			
			<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard					
			Girls Gone Wild	TV	DVB	2/3	27.500	Videoguard		English			
			Sky Box Office Events	TV	DVB	2/3	27.500	Videoguard		English			
XXX First Timers	TV	DVB	2/3	27.500	Videoguard		English						
XXX Gay	TV	DVB	2/3	27.500	Videoguard		English						
Playboy Lovers	TV	DVB	2/3	27.500	Videoguard		English						
British Eurosport	TV	DVB	2/3	27.500	Videoguard		English						
100% Babes	TV	DVB	2/3	27.500	Videoguard		English						
Sky Venue	TV	DVB	2/3	27.500	Videoguard		English						
Amateur Babes	TV	DVB	2/3	27.500	Videoguard		English						
D 11.527	V	S1	<u>Sky UK</u>	package	DVB	2/3	27.500						
			Tease Me TV 959	TV	DVB	2/3	27.500			English			
			Comedy Central Ireland	TV	DVB	2/3	Y 27.500	Videoguard		English			
			GayDateTV	TV	DVB	2/3	Y 27.500			English			
			Channel M	TV	DVB	2/3	27.500			English			
			The Dating Channel	TV	DVB	2/3	Y 27.500			English			
			Islam Channel	TV	DVB	2/3	27.500			English			
			Extreme Sports Channel UK	TV	DVB	2/3	27.500	Videoguard		English			
			Comedy Central UK +1	TV	DVB	2/3	Y 27.500	Videoguard		English			
			Tease Me TV 912	TV	DVB	2/3	27.500			English			
			D 11.546	H	S1	<u>Sky UK</u>	package	DVB	2/3	27.500			
						Geo News	TV	DVB	2/3	27.500	Videoguard		Urdu
Shop on TV	TV	DVB				2/3	27.500			English			
Gala TV	TV	DVB				2/3	27.500			English			
V Channel	TV	DVB				2/3	27.500			English			
CinéMoi	TV	DVB				2/3	27.500	Videoguard					
Faith TV	TV	DVB				2/3	27.500			English			
ARY Digital UK/Europe	TV	DVB				2/3	27.500	Videoguard		Urdu			
D 11.565	V	S1	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard					
			Sky Box Office 3	TV	DVB	2/3	27.500	Videoguard		English			
			Sky Preview	TV	DVB	2/3	27.500	Videoguard		English			
			Sky Box Office 60	TV	DVB	2/3	27.500	Videoguard		English			
			Sky Box Office 55	TV	DVB	2/3	27.500	Videoguard		English			
			Sky Box Office Preview	TV	DVB	2/3	27.500	Videoguard		English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text MSy/s	Access	Lang.			
				Digital	FEC	MHz						
D 11.585	H	S1	Sky Preview	TV	DVB	2/3	27.500		English			
			Sky Box Office 1	TV	DVB	2/3	27.500	Videoguard	English			
			Sky Movies Preview mosaic	TV	DVB	2/3	27.500		English			
			<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard				
			Sikh Channel	TV	DVB	2/3	27.500		Panjabi			
			Supreme Master TV	TV	DVB	2/3	27.500		English			
			Film 24	TV	DVB	2/3	27.500		English			
			ESPN America UK	TV	DVB	2/3	27.500	Videoguard	English			
			Liverpool FC TV	TV	DVB	2/3	27.500	Videoguard	English			
			Channel Aka	TV	DVB	2/3	27.500		English			
			The Entrepreneur Channel	TV	DVB	2/3	27.500		English			
			Q	TV	DVB	2/3	Y 27.500	Videoguard	English			
			Magic	TV	DVB	2/3	Y 27.500	Videoguard	English			
			ESPN in Pubs	TV	DVB	2/3	27.500	Videoguard	English			
			Racing UK	TV	DVB	2/3	Y 27.500	Videoguard	English			
D 11.604	V	S1	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard				
			Sky Movies Premiere	TV	DVB	2/3	Y 27.500	Videoguard	English,English			
			Bio UK	TV	DVB	2/3	27.500	Videoguard	English			
			History UK	TV	DVB	2/3	27.500	Videoguard	English			
			Sky Movies Premiere +1	TV	DVB	2/3	Y 27.500	Videoguard	English,English			
			Sky Movies Crime & Thriller	TV	DVB	2/3	27.500	Videoguard	English,English			
			Sky Anytime B	TV	DVB	2/3	27.500	Videoguard	English,English			
			Sky Anytime A	TV	DVB	2/3	27.500	Videoguard	English,English			
			WAP Casino One	interacti	DVB	2/3	27.500	Videoguard				
			D 11.623	H	S1	<u>Sky UK</u>	package	DVB	2/3	27.500		
						Showcase 2	TV	DVB	2/3	27.500		English
						Syfy UK +1	TV	DVB	2/3	27.500	Videoguard	English
						Baby TV Europe	TV	DVB	2/3	27.500	Videoguard	English
						Prime TV	TV	DVB	2/3	27.500		
						RT English	TV	DVB	2/3	27.500		English
Phoenix CNE	TV	DVB				2/3	27.500		Chinese			
Diva TV +1	TV	DVB				2/3	27.500	Videoguard	Arabic			
Abu Dhabi Al Oula Europe	TV	DVB				2/3	27.500		Arabic			
Information TV	TV	DVB				2/3	27.500		English			
Magic 105.4 FM	radio	DVB				2/3	27.500		English			
Costcutter In Tune Radio	radio	DVB				2/3	27.500		English			
Kiss 100	radio	DVB				2/3	27.500		English			
D 11.642	V	S1				<u>Sky UK</u>	package	DVB	2/3	27.500		
						Tiny Pop +1	TV	DVB	2/3	27.500		English
			PopGirl +1	TV	DVB	2/3	27.500		English			
			Bliss	TV	DVB	2/3	27.500		English			
			Chart Show TV	TV	DVB	2/3	27.500		English			
			PopGirl	TV	DVB	2/3	27.500		English			
			The Vault	TV	DVB	2/3	27.500		English			
			Kix!	TV	DVB	2/3	27.500		English			
			True Entertainment	TV	DVB	2/3	27.500		English			
			NME TV	TV	DVB	2/3	27.500		English			
			Tiny Pop	TV	DVB	2/3	27.500		English			
			True Movies 2	TV	DVB	2/3	27.500		English			
			True Movies	TV	DVB	2/3	27.500		English			
			Scuzz	TV	DVB	2/3	27.500		English			
			Flava	TV	DVB	2/3	27.500		English			
Pop!	TV	DVB	2/3	27.500		English						
D 11.662	H	S1	Dance Nation	TV	DVB	2/3	27.500		English			
			<u>Sky UK</u>	package	DVB	2/3	27.500					
			MTA International	TV	DVB	2/3	27.500		Urdu,English,French,German,Arabic,Bengali			
			TBN Europe	TV	DVB	2/3	27.500		English			
			Channel I	TV	DVB	2/3	27.500		Bengali			
			France 24 English	TV	DVB	2/3	27.500		English			
			Cee (I) TV	TV	DVB	2/3	27.500	Videoguard	Tamil			
			Inspiration Network International	TV	DVB	2/3	27.500		English			
			CCTV News English	TV	DVB	2/3	27.500		English			
			The Word Network	TV	DVB	2/3	27.500		English			
			Super Casino	TV	DVB	2/3	27.500		English			
			D 11.681	V	S1	<u>Sky UK</u>	package	DVB	2/3	27.500		
						Syfy UK	TV	DVB	2/3	27.500	Videoguard	English
						Al Jazeera English	TV	DVB	2/3	27.500		English
						God TV UK	TV	DVB	2/3	27.500		English
Hallmark Channel UK +1	TV	DVB				2/3	27.500	Videoguard	English			
Setanta Ireland	TV	DVB	2/3	27.500	Videoguard	English						

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text MSy/s	Access	Lang.
				Digital	FEC	MHz			
			Setanta Sports 1	TV	DVB	2/3	27.500	Videoguard	English
			Premier Sports	TV	DVB	2/3	27.500		English
			NHK World TV	TV	DVB	2/3	27.500		English
			NewsTalk	radio	DVB	2/3	27.500		English
D 12.523	H	Fixed	OH TV	TV	DVB	2/3	27.500		English
D 12.523	H	Fixed	Voxafrika Africa	TV	DVB	2/3	27.500		
D 12.523	H	Fixed	Music India	TV	DVB	2/3	27.500		Hindi
D 12.523	H	Fixed	Madani Channel	TV	DVB	2/3	27.500		Urdu
D 12.523	H	Fixed	BEN	TV	DVB	2/3	27.500		English
D 12.523	H	Fixed	Live 960	TV	DVB	2/3	27.500		English
D 12.523	H	Fixed	Ahlebeit TV	TV	DVB	2/3	27.500		
D 12.523	H	Fixed	Movies4Men +1	TV	DVB	2/3	27.500		English
D 12.523	H	Fixed	EWTN UK	TV	DVB	2/3	27.500		English
D 12.523	H	Fixed	AIT International UK	TV	DVB	2/3	27.500	Videoguard	English
D 12.523	H	Fixed	Daystar TV	TV	DVB	2/3	27.500		English
D 12.523	H	Fixed	EWTN Radio Europe/UK	radio	DVB	2/3	27.500		English
D 12.523	H	Fixed	Real Radio Wales	radio	DVB	2/3	27.500		English
D 12.523	H	Fixed	Smooth Radio London	radio	DVB	2/3	27.500		English
D 12.523	H	Fixed	Sky UK	package	DVB	2/3	27.500		
D 12.523	V	Fixed	Deya Broadcasting Network	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	Sunrise TV	TV	DVB	2/3	27.500		
D 12.523	V	Fixed	Gems TV 1	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	Thane Stop and Shop	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	Record Internacional Europa	TV	DVB	2/3	27.500		Portuguese
D 12.523	V	Fixed	TV Shop UK	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	Rocks & Co.	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	JML Lifestyle	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	JML Home & DIY	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	JML Choice	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	Gems TV 2	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	CBS Reality	TV	DVB	2/3	27.500		English
D 12.523	V	Fixed	Classic FM UK	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Planet Rock	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	UCB Bible	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	UCB Ireland	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	UCB Gospel	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Chill	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Punjabi Radio	radio	DVB	2/3	27.500		Punjabi
D 12.523	V	Fixed	Kismat Radio	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Radio Khushkhabri	radio	DVB	2/3	27.500		
D 12.523	V	Fixed	Gold	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	95.8 Capital FM	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	XFM 104.9	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	UCB Inspirational	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	UCB UK	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Choice FM	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Sukh Sagar Radio	radio	DVB	2/3	27.500		Punjabi
D 12.523	V	Fixed	Akash Radio	radio	DVB	2/3	27.500		
D 12.523	V	Fixed	Liberty Radio	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Solar Radio	radio	DVB	2/3	27.500		English
D 12.523	V	Fixed	Sky UK	package	DVB	2/3	27.500		
D 12.560	V	Fixed	Sky UK	package	DVB	2/3	27.500		
			JML Direct	TV	DVB	2/3	27.500		English
			Best Direct	TV	DVB	2/3	27.500		English
			CBS Action	TV	DVB	2/3	27.500		English
			JML CookShop	TV	DVB	2/3	27.500		English
			EuroNews	TV	DVB	2/3	27.500		English,French,German,Italian,Spanish,Portuguese,Russian,Arabic
			Rocks TV	TV	DVB	2/3	27.500		English
			Travel Channel UK	TV	DVB	2/3	Y 27.500		English
			Wedding TV Asia	TV	DVB	2/3	27.500		English
			Horse & Country TV	TV	DVB	2/3	27.500		English
			VPA	TV	DVB	2/3	27.500		English
			Fitness TV	TV	DVB	2/3	27.500		English
			Blueberry TV	TV	DVB	2/3	27.500		English
			JML CookShop +1	TV	DVB	2/3	27.500		English
D 12.607	H	Fixed	TV X	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Viewers' Wives	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Xplicit XXX	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	TV X Amateur	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Primetime	TV	DVB	2/3	27.500	Videoguard	English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 12.607	H	Fixed	TV X Brits	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Red Hot Amateur	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Red Hot 40+	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Red Hot Fetish	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Dirty Talk	TV	DVB	2/3	27.500		English
D 12.607	H	Fixed	Red Hot Mums	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Red Hot TV	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Honey	TV	DVB	2/3	27.500		English
D 12.607	H	Fixed	Gay TV	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	H	Fixed	Active Channel	TV	DVB	2/3	27.500		English
D 12.607	H	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	
D 12.607	V	Fixed	Zee Cinema UK	TV	DVB	2/3	27.500	Videoguard	Hindi
D 12.607	V	Fixed	Zee TV UK	TV	DVB	2/3	27.500	Videoguard	Hindi
D 12.607	V	Fixed	Zing UK	TV	DVB	2/3	27.500		Hindi
D 12.607	V	Fixed	Zee Punjabi UK	TV	DVB	2/3	27.500	Videoguard	Panjabi
A 12.607	V	Fixed	Rush HD Europe	TV	DVB	2/3	27.500	Videoguard	English
D 12.607	V	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	
A 12.643	H	Fixed	Luxe TV UK	TV	DVB	2/3	27.500		English,English
D 12.643	H	Fixed	Gay TV Chat & Date	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	Challenge Jackpot	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	Up & Coming TV	TV	DVB	2/3	27.500		
D 12.643	H	Fixed	HiTV UK	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	Noor TV	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	Body in Balance UK	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	Luxe TV UK	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	UK Swingers	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	H	Fixed	Loveworld TV	TV	DVB	2/3	27.500		English
D 12.643	H	Fixed	Blue Tube	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	H	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	
D 12.643	V	Fixed	Pitch TV	TV	DVB	2/3	27.500		English
D 12.643	V	Fixed	Nickelodeon Ireland	TV	DVB	2/3	Y 27.500	Videoguard	English
D 12.643	V	Fixed	MATV National	TV	DVB	2/3	27.500		
D 12.643	V	Fixed	Military History UK	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	Pitch World	TV	DVB	2/3	27.500		English
D 12.643	V	Fixed	Teachers TV	TV	DVB	2/3	27.500		English
D 12.643	V	Fixed	The Style Network Emea	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	Comedy Central Ireland +1	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	Ocean TV	TV	DVB	2/3	27.500		English
D 12.643	V	Fixed	Ocean TV mosaic	TV	DVB	2/3	27.500		English
D 12.643	V	Fixed	Nick Jr Ireland	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	Elite TV 965	TV	DVB	2/3	27.500		English
D 12.643	V	Fixed	Star News UK	TV	DVB	2/3	27.500	Videoguard	English
D 12.643	V	Fixed	<u>Sky UK</u>	package	DVB	2/3	27.500	Videoguard	

EUROBIRD™ 2 (25.5°EAST)

D 11.013	H	Fixed	<u>Orbit Showtime Network</u>	package	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			OSN Cinema 1	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Fashion TV Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Disney XD Scandinavia	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			OSN Cinema 3	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			OSN Cinema 2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Bloomberg TV Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			OSN Comedy	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Arabic Series	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			MnL TV	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog
			Cinema City	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			ShowMovies	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			The MGM Channel Middle East	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Super Movies	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
D 11.054	H	Fixed	<u>Orbit Showtime Network</u>	package	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			ShowSeries	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			OSN Variety	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			America Plus	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Music Now	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			C-SPAN Orbit	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Orbit News 2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			ShowSports 3	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English,Arabic
			Sky News International	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Country of Blues	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	

Freq (GHz)	Pol	Beam	Channel	Analogue		Text MSy/s	Access	Lang.	
				Audio MHz	Digital FEC				
D 11.096	H	Fixed	Jazz	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Love Songs	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Classical	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			BBC World Service English	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Monte Carlo Doualiya	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Tarabiya't	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Lite FM	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Monawa't	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Super Gold	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Hits	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			DZBB 594 Super Radyo	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog
			Absolute Radio	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Dance	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Khalija't	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			BBC World Service Arabic	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Motown	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Rock	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Pop	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			R&B	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Radio Mosaic	interacti	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Orbit EPG	interacti	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			<u>Orbit Showtime Network</u>	package	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			EuroNews	TV	DVB	3/4	27.500		English,Arabic
			JimJam Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English,Arabic
			MTV Arabia	TV	DVB	3/4	27.500		Arabic
			Nickelodeon Arabia	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			ShowSports 2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English,Arabic
			EI EMEA	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			KidsCo	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Playhouse Disney Scandinavia	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
Discovery Channel Middle East & Africa +2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English			
Discovery Science Channel Middle East	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English			
ShowMovies Action	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English			
ShowShasha	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic			
Extreme Sports Channel	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English			
Trace TV	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	French			
D 11.585	V	Fixed	<u>Al Jazeera Sport</u>	package	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	
			Al Jazeera Sport Channel +8	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
			Al Jazeera Sport Channel +9	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
			Al Jazeera Sport Channel +10	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
			Al Jazeera Sport Channel +6	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
			Al Jazeera Sport World Cup Channel	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
			Al Jazeera Sport Channel +5	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
Al Jazeera Sport Channel +7	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English			
D 11.604	H	Fixed	<u>Orbit Showtime Network</u>	package	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			MTV Music	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Orbit News 1	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			CNN International Europe	TV	DVB	3/4	27.500		English
			Discovery Channel Middle East & Africa	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			BBC Entertainment Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			America Plus +2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			OSN Comedy +2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Cartoon Network Middle East & Africa	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Fox News Channel	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Fox Sports Middle East	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Disney Channel Middle East	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English,Arabic
			Animal Planet Middle East	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			CNBC Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Boomerang Middle East & Africa	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
Tarabiya't	radio	DVB	3/4	27.500		Arabic			
Monawa't	radio	DVB	3/4	27.500		Arabic			

Freq (GHz)	Pol	Beam	Channel	Analogue		Text MSy/s	Access	Lang.	
				Audio MHz	Digital FEC				
D 11.662	V	Fixed	Khalijya't	radio	DVB	3/4	27.500	Arabic	
			DZBB 594 Super Radyo	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog
			<u>Noorsat</u>	package	DVB	3/4	27.500		
			DM TV	TV	DVB	3/4	27.500		Arabic
			Al Eqtisadiyah Plus	TV	DVB	3/4	27.500		Arabic
			VoA TV Persian	TV	DVB	3/4	27.500		Farsi
			Taha TV	TV	DVB	3/4	27.500		Arabic
			Nour TV	TV	DVB	3/4	27.500		Farsi
			Supreme Master TV	TV	DVB	3/4	27.500		English
			EuroNews	TV	DVB	3/4	27.500		Arabic,English
			Wesal TV	TV	DVB	3/4	27.500		Arabic
			Awdeh promo	TV	DVB	3/4	27.500		
			Alsumaria	TV	DVB	3/4	27.500		Arabic
			Zweina Baladna	TV	DVB	3/4	27.500		Arabic
			Al Ordoni TV	TV	DVB	3/4	27.500		Arabic
			Karbala Satellite Channel	TV	DVB	3/4	27.500		Arabic
			Oscar Drama	TV	DVB	3/4	27.500		Arabic
			NART TV	TV	DVB	3/4	27.500		Arabic
			TRT Arapça	TV	DVB	3/4	27.500		Arabic
			Bahrain TV	TV	DVB	3/4	27.500		Arabic
Alnour Radio	radio	DVB	3/4	27.500		Arabic			
D 11.681	H	Fixed	<u>Orbit Showtime Network</u>	package	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	
			Super Movies +2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Al Yawm	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Al Safwa	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			GMA Pinoy TV Europe	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog
			GMA Life TV	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog
			Fann	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			TCM Middle East & Africa	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Arabic Series +4	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Cinema 2	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			History Orbit	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English
			Pinoy Extreme	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog
			ShowSports 4	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English,Arabic
			Cinema 1	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			ShowMovies Kids	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	English,Arabic
			DWLS FM	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog

EUROBIRD™ 3 (33°EAST)

D 11.007	V	Spot B+C	<u>Total TV</u>	package	DVB	2/3	27.300	Cryptoworks/Videoguard			
			Kanal D	TV	DVB	2/3	27.300	Videoguard	Serbian		
			Arena Sport 3	TV	DVB	2/3	27.300	Videoguard	Serbian		
			Discovery Travel & Living Europe	TV	DVB	2/3	27.300	Cryptoworks/Videoguard	English		
			Free-X TV	TV	DVB	2/3	27.300	Cryptoworks/Videoguard	English		
			The MGM Channel East Europe	TV	DVB	2/3	27.300	Videoguard	English		
			TV Spectrum	TV	DVB	2/3	27.300		Serbian		
			The Fishing and Hunting Channel South East Europe	TV	DVB	2/3	27.300	Videoguard	English		
			Zone Reality Europe	TV	DVB	2/3	27.300	Videoguard	English		
			Zone Romantica Pan Europe	TV	DVB	2/3	27.300	Videoguard	English		
			Pink Folk	TV	DVB	2/3	27.300	Cryptoworks/Videoguard	Serbian		
			D 11.472	H	Spot A	Skylogic	interacti	DVB	5/6	27.500	
			D 11.513	H	Spot A	SkyDSL	interacti	DVB	3/4	30.000	
D 11.596	V	Spot B	<u>Skylogic</u>	package	DVB	5/6	27.500	Irdeto 2			
			Radio di per di	radio	DVB	5/6	27.500				
			Radio GS	radio	DVB	5/6	27.500	Italian			
			Radio Carrefour	radio	DVB	5/6	27.500	Italian			
			Uni-Music	radio	DVB	5/6	27.500	Italian			
D 11.596	H	Spot D	Skylogic	interacti	DVB	5/6	27.500	Irdeto 2			
D 11.645	H	Spot D	<u>DigiTurk</u>	package	DVB	5/6	18.556	Cryptoworks/Irdeto 2			
			TRT Arapça	TV	DVB	5/6	18.556		Arabic		
			TNT Türkiye	TV	DVB	5/6	18.556	Cryptoworks/Irdeto 2	Turkish		
			Kanal A	TV	DVB	5/6	18.556	Cryptoworks/Irdeto 2	Turkish		
			Akilli TV	TV	DVB	5/6	18.556	Cryptoworks/Irdeto 2	Turkish		
			FX Türkiye	TV	DVB	5/6	18.556	Cryptoworks/Irdeto 2	Turkish		
			TRT Belgesel	TV	DVB	5/6	18.556		Turkish		
			Cem TV	TV	DVB	5/6	18.556	Cryptoworks/Irdeto 2	Turkish		
			Cine 5	TV	DVB	5/6	18.556	Cryptoworks/Irdeto 2	Turkish		

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 12.522	V	Spot C	Skylogic	interacti	DVB	5/6	27.500		
EUROBIRD™ 9A (9°EAST)									
D 11.727	V	Europe	<u>Arqiva</u>	package	DVB	3/4	27.500	Cryptoworks/Viaccess 4.0/BISS	
			ESPN Classic Europe	TV	DVB	3/4	27.500	BISS	English
			Hallmark Channel Netherlands	TV	DVB	3/4	27.500	Viaccess 4.0	Dutch
			Hallmark Channel Polska	TV	DVB	3/4	27.500	Viaccess 4.0	Polish
			Universal Channel Greece	TV	DVB	3/4	27.500	Viaccess 4.0	English
			Didar Global TV Plus	TV	DVB	3/4	27.500		Farsi
			ESPN America Europe	TV	DVB	3/4	27.500	BISS	English
			ANN	TV	DVB	3/4	27.500		Arabic
			Mooby Interactive TV	TV	DVB	3/4	27.500		
			Disney Channel Romania & Bulgaria	TV	DVB	3/4	27.500	Cryptoworks/Viaccess 4.0	Russian,Romanian,English,Bulgarian
D 11.747	H	Europe	<u>Skylogic</u>	package	DVB	3/4	27.500		
			ReteSette	TV	DVB	3/4	27.500		Italian
			RTB Virgilio	TV	DVB	3/4	27.500		Italian
			Radio Shepherd	radio	DVB	3/4	27.500		English
			My Best Radio	radio	DVB	3/4	27.500		Italian
			Ros & Ros	radio	DVB	3/4	27.500		Italian
			Ros & Ros Selex	radio	DVB	3/4	27.500		Italian
			Radio Genius	radio	DVB	3/4	27.500		Italian
			Rabbi Radio	radio	DVB	3/4	27.500		
			Radio Number One	radio	DVB	3/4	27.500		Italian
D 11.766	V	Europe	<u>American Forces Network</u>	package	DVB	3/4	27.500	PowerVu	
			AFN Prime Atlantic Eifel	TV	DVB	3/4	27.500	PowerVu	English
			AFN Guide	TV	DVB	3/4	27.500	PowerVu	English
			AFN Prime Atlantic Benelux	TV	DVB	3/4	27.500	PowerVu	English
			AFN Prime Atlantic Heidelberg	TV	DVB	3/4	27.500	PowerVu	English
			AFN Prime Atlantic Kaiserslautern	TV	DVB	3/4	27.500	PowerVu	English
			AFN Prime Atlantic Hessen	TV	DVB	3/4	27.500	PowerVu	English
			AFN Prime Atlantic Franconia	TV	DVB	3/4	27.500	PowerVu	English
			AFN Prime Pacific	TV	DVB	3/4	27.500	PowerVu	English
			AFN Spectrum	TV	DVB	3/4	27.500	PowerVu	English
			AFN Prime Atlantic	TV	DVB	3/4	27.500	PowerVu	English
			AFN Sports	TV	DVB	3/4	27.500	PowerVu	English
			AFN Prime Atlantic Bavaria	TV	DVB	3/4	27.500	PowerVu	English
			AFN Prime Atlantic UK	TV	DVB	3/4	27.500	PowerVu	English
			AFN Power Network Kaiserslautern	radio	DVB	3/4	27.500	PowerVu	English
			AFN The Eagle Hessen	radio	DVB	3/4	27.500	PowerVu	English
			AFN Uninterruptable Voice	radio	DVB	3/4	27.500	PowerVu	English
			AFN Interruptable Voice	radio	DVB	3/4	27.500	PowerVu	English
			Hot AC	radio	DVB	3/4	27.500	PowerVu	English
			Eifel 105	radio	DVB	3/4	27.500	PowerVu	English
			Jack FM	radio	DVB	3/4	27.500	PowerVu	English
			AFN The Eagle Benelux	radio	DVB	3/4	27.500	PowerVu	English
			Freedom Radio	radio	DVB	3/4	27.500	PowerVu	English
			AFN Power Network Hessen	radio	DVB	3/4	27.500	PowerVu	English
			AFN The Eagle Heidelberg	radio	DVB	3/4	27.500	PowerVu	English
			AFN The Eagle 100.2 FM Kaiserslautern	radio	DVB	3/4	27.500	PowerVu	English
			AFN Power Network Franconia	radio	DVB	3/4	27.500	PowerVu	English
			AFN Power Network Benelux	radio	DVB	3/4	27.500	PowerVu	English
			AFN Power Network Heidelberg	radio	DVB	3/4	27.500	PowerVu	English
			Gravity	radio	DVB	3/4	27.500	PowerVu	English
			AFN Power Network Eifel	radio	DVB	3/4	27.500	PowerVu	English
			Mainstream Country	radio	DVB	3/4	27.500	PowerVu	English
			Drive FX	radio	DVB	3/4	27.500	PowerVu	English
			Hard Rock	radio	DVB	3/4	27.500	PowerVu	English
			NPR Worldwide AFRTS	radio	DVB	3/4	27.500	PowerVu	English
			The Eagle Europe	radio	DVB	3/4	27.500	PowerVu	English
			AFN Power Network Europe	radio	DVB	3/4	27.500	PowerVu	English
			ESPN Plus	radio	DVB	3/4	27.500	PowerVu	English
			Fox Sports Plus	radio	DVB	3/4	27.500	PowerVu	English
			AFN Power Network Bavaria	radio	DVB	3/4	27.500	PowerVu	English
			AFN The Eagle Franconia	radio	DVB	3/4	27.500	PowerVu	English
			AFN The Eagle Bavaria	radio	DVB	3/4	27.500	PowerVu	English
			The Contingency Channel	radio	DVB	3/4	27.500	PowerVu	English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 11.785	H	Europe	Classic Rock	radio	DVB	3/4	27.500	PowerVu	English			
			<u>KabelKiosk</u>	package	DVB-S2	2/3	27.500	Conax/Videoguard				
			CNN International Europe	TV	DVB-S2	2/3	27.500	Conax/Videoguard	English			
			CNBC Europe	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	English			
			DMAX Deutschland	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German			
			Das Vierte	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German,German			
			Sixx	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German			
			Yavido	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German			
			Nick Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German			
			Viva Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German			
			RT English	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German			
			Comedy Central Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German			
			MTV Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German			
			Channel 21 Shop	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German			
			Imusic 1	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German			
HSE 24	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German						
A 11.804	V	Europe	Luxe TV HD	TV	DVB	3/4	27.500	French,English,German,Italian,Russian,Spanish				
D 11.804	V	Europe	C Music TV	TV	DVB	3/4	27.500					
A 11.804	V	Europe	Myzen	TV	DVB	3/4	27.500	Conax/Viaccess 2.6/Viaccess 3.0	English,French			
D 11.804	V	Europe	Luxe TV	TV	DVB	3/4	27.500		French,English,Italian,Russian			
D 11.804	V	Europe	Myzen	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0	English,French			
D 11.823	H	Europe	<u>Skylogic</u>	package	DVB	3/4	27.500	Irdeto 2/Mediaguard 2/Viaccess 2.6				
			TVB Premium Drama	TV	DVB	3/4	27.500	Irdeto 2	Chinese			
			Trace Sports	TV	DVB	3/4	27.500	Viaccess 2.6	French			
			TVB Junior	TV	DVB	3/4	27.500	Irdeto 2	Chinese			
			TVBN	TV	DVB	3/4	27.500	Irdeto 2	Chinese			
			TVB Lifestyle	TV	DVB	3/4	27.500	Irdeto 2	Chinese			
			Class News	TV	DVB	3/4	27.500		Italian			
			La Nuova TV	TV	DVB	3/4	27.500		Italian			
			TVBS Europe	TV	DVB	3/4	27.500	Irdeto 2	Cantonese,Chinese			
			TV 2000	TV	DVB	3/4	27.500	BISS	Italian			
			Radio Nostalgia	radio	DVB	3/4	27.500		Italian			
			Radio CRC Targato Italia	radio	DVB	3/4	27.500		Italian			
			Radio Studio Sette	radio	DVB	3/4	27.500		Italian			
			Radio Millennium	radio	DVB	3/4	27.500		Italian			
			Radio Italia Network	radio	DVB	3/4	27.500		Italian			
			RTHK Radio 1	radio	DVB	3/4	27.500		Italian			
			D 11.843	V	Europe	<u>Belgium Satellite Services</u>	package	DVB	3/4	27.500		
						Zee TV UK	TV	DVB	3/4	27.500	Irdeto 2	Hindi
						Zee Cinema UK	TV	DVB	3/4	27.500	Irdeto 2	Hindi
Zee TV Russia	TV	DVB				3/4	27.500	Irdeto 2	Russian			
MMC TV	TV	DVB				3/4	27.500		Kurdish			
Al Islah TV	TV	DVB				3/4	27.500		Arabic			
Komala TV	TV	DVB				3/4	27.500		Kurdish			
Newroz TV	TV	DVB				3/4	27.500		Kurdish			
Iran TV Network	TV	DVB				3/4	27.500		Farsi			
Roj TV	TV	DVB				3/4	27.500		Kurdish			
Radio Vlaanderen Info	radio	DVB				3/4	27.500		Dutch			
Radio Vlaanderen	radio	DVB				3/4	27.500		Dutch			
Dengê Mezopotamya	radio	DVB				3/4	27.500		Kurdish			
Radio 74	radio	DVB				3/4	27.500		English			
D 11.861	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,German			
			Pro Sieben Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German,German			
			N 24	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German			
			Kabel Eins Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German			
			9 Live	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German			
			Sat. 1 Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German,German			
			N-TV	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German			
			Vox 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			
			Super RTL Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German			
			A 11.881	V	Europe	<u>RRsat Global Communications Network</u>	package	DVB-S2	2/3	27.500	Conax/Irdeto 2/Viaccess 2.6/Videoguard	
Penthouse HD	TV	DVB-S2				2/3	27.500	Conax/Videoguard	English			
HD 1	TV	DVB-S2				2/3	27.500					
Bebe TV 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				
Mezzo Live HD	TV	DVB-S2				2/3	27.500	Conax/Viaccess 2.6/Videoguard				
I-concerts	TV	DVB-S2				2/3	27.500	Viaccess 2.6				

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.900	H	Europe	Dom Kino	TV	DVB	3/4	27.500		Russian
D 11.919	V	Europe	<u>RRsat Global Communications Network</u>	package	DVB	3/4	27.500		
			Asianet	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 2.6	Malayalam
			Dan Tamil Oli	TV	DVB	3/4	27.500		Tamil
			Ahulubayt TV	TV	DVB	3/4	27.500		English
			Neth Lanka TV	TV	DVB	3/4	27.500		
			The Karaoke Channel	TV	DVB	3/4	27.500	Irdeto 2	
			Asianet Plus	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 2.6	Malayalam
			Angel TV	TV	DVB	3/4	27.500		Tamil
			MTA 3 Al Arabiyah	TV	DVB	3/4	27.500		Arabic
			Amrita TV Middle East	TV	DVB	3/4	27.500		Malayalam
			Al Alamia	TV	DVB	3/4	27.500		Arabic
			Divine TV	TV	DVB	3/4	27.500		English
			The Israeli Network	TV	DVB	3/4	27.500	Viaccess 2.6	Hebrew
			SVT World	TV	DVB	3/4	Y 27.500	Viaccess 2.6	Swedish
			Fox Sports Middle East	TV	DVB	3/4	27.500	Viaccess 2.6	English
			Rainbow	TV	DVB	3/4	27.500		Tamil
			Bom Deus	TV	DVB	3/4	27.500		Portuguese
			NLM TV	TV	DVB	3/4	27.500		Tamil
			Nepali TV	TV	DVB	3/4	27.500		
			Radio Sweden	radio	DVB	3/4	27.500		
			Radio All For Peace	radio	DVB	3/4	27.500	BISS	
			Radio Eden	radio	DVB	3/4	27.500		
			SR P4	radio	DVB	3/4	27.500		Swedish
D 11.938	H	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 4.0/BISS	
			PTV Global UK & Europe	TV	DVB	3/4	27.500		Urdu
			Fantasy	TV	DVB	3/4	27.500	BISS	
			Disney Channel Middle East	TV	DVB	3/4	27.500	Irdeto 2	Arabic,Greek,English,Turkish
			Rai Italia 3 Africa	TV	DVB	3/4	27.500	Viaccess 2.5	Italian
			Walf TV	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 4.0	French
			Radio Walf 1	radio	DVB	3/4	27.500	Viaccess 2.5/Viaccess 4.0	French
			Radio Walf 2	radio	DVB	3/4	27.500	Viaccess 2.5/Viaccess 4.0	French
D 11.958	V	Europe	<u>M2</u>	package	DVB	3/4	27.500		
			M2	TV	DVB	3/4	Y 27.500		Hungarian,Hungarian
			M2	TV	DVB	3/4	Y 27.500		Hungarian
			MR 3 Bartók	radio	DVB	3/4	27.500		Hungarian
D 11.977	H	Europe	<u>Media Broadcast</u>	package	DVB	3/4	27.500	PowerVu	
D 11.996	V	Europe	<u>GlobeCast</u>	package	DVB	3/4	27.500	Cryptoworks/Irdeto 2/Viaccess 3.0	
			Sun Music	TV	DVB	3/4	27.500	Irdeto 2	Tamil
			CCTV 4 Europe	TV	DVB	3/4	27.500		Chinese
			CCTV E	TV	DVB	3/4	27.500		Spanish
			CCTV Russkij	TV	DVB	3/4	27.500		Russian
			Adithya TV	TV	DVB	3/4	27.500	Irdeto 2	Tamil
			KTV	TV	DVB	3/4	27.500	Irdeto 2	Tamil
			Sun TV	TV	DVB	3/4	27.500		Tamil
			B4U Movies UAE	TV	DVB	3/4	27.500		Hindi
			BBC Entertainment Europe	TV	DVB	3/4	27.500	Viaccess 3.0	English
			MTV Portugal	TV	DVB	3/4	27.500	Cryptoworks	Portuguese
			CCTV Arabic	TV	DVB	3/4	27.500		Arabic
			Sun TV	TV	DVB	3/4	27.500	Irdeto 2	Tamil
			Surya TV	TV	DVB	3/4	27.500	Irdeto 2	Malayalam
D 12.015	H	Europe	<u>KabelKiosk</u>	package	DVB-S2	2/3	27.500	Conax/Videoguard	
			TVE Internacional Europe	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	Spanish
			Volksmusik TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
			Bibel TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
			UProm TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
			The Poker Channel	TV	DVB-S2	2/3	27.500	Conax/Videoguard	English
			BBC World News	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	English
			Deluxe Music	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German,German
			Deutsches Anleger Fernsehen	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
			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
			TV 5 Monde Europe	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	French
			Bloomberg TV Europe	TV	DVB-S2	2/3	27.500	Conax/Videoguard	English
			Sport 1	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
			Luxe TV	TV	DVB-S2	2/3	27.500	Conax/Videoguard	German
D 12.034	V	Europe	<u>Hello HD</u>	package	DVB-S2	3/4	27.500	Conax	
			MusicMix	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			MusicMix SuperOne	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			MTV Hungary	TV	DVB-S2	3/4	27.500	Conax	Hungarian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
A 12.054	H	Europe	Discovery Channel Hungary	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			Viva TV	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			Comedy Central Hungary	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			Nat Geo Wild Hungary	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			National Geographic Channel Hungary & Czechia	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			HBO 2 Central Europe	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			Animal Planet Europe	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			Discovery HD Showcase	TV	DVB-S2	3/4	27.500	Conax	English
			HBO Hungary	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			M1	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			Eurosport 2 FA Premier League	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			Duna I	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			HBO Comedy Central Europe	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			Minimax Hungary	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			Animax Hungary	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			Viasat 3	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			Spektrum TV	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			FilmBox Extra Hungary	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			Hír TV	TV	DVB-S2	3/4	Y 27.500	Conax	Hungarian
			D 12.074	V	Europe	MR 1 Kossuth	radio	DVB-S2	3/4
Jazzradio	radio	DVB-S2				3/4	27.500		Hungarian
Penthouse HD	package	DVB-S2				2/3	27.500	DRE-Crypt	
Penthouse HD	TV	DVB-S2				2/3	27.500	DRE-Crypt	English
Penthouse HD 1	TV	DVB-S2				2/3	27.500	DRE-Crypt	English
3DV promo	TV	DVB-S2				2/3	27.500		English
Penthouse HD 2	TV	DVB-S2				2/3	27.500	DRE-Crypt	English
Hello HD	package	DVB-S2				3/4	27.500	Conax/Cryptoworks/Irdeto 2	
Digi Sport Hungary	TV	DVB-S2				3/4	27.500	Conax	Hungarian
Travel Channel	TV	DVB-S2				3/4	27.500	Conax	
D 12.092	H	Europe	Sport 1 Hungary	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			Hallmark Channel Hungary	TV	DVB-S2	3/4	27.500	Conax	
			Sport 2 Hungary	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			Sport Klub Hungary	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			ATV	TV	DVB-S2	3/4	Y 27.500	Conax	Hungarian
			Film + Hungary	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			Cool TV	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			Story TV 4	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			AXN Central Europe	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			Cinemax Central Europe	TV	DVB-S2	3/4	27.500	Conax	Hungarian
			TV 2	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
			RTL Klub	TV	DVB-S2	3/4	Y 27.500	Conax	Hungarian
MR 2 Petőfi	radio	DVB-S2	3/4	27.500		Hungarian			
D 12.130	H	Europe	TSA	package	DVB	3/4	27.500	KeyFly/Viaccess 2.3/Viaccess 2.5/Viaccess 2.6/Viaccess 3.0	
			Destino Galicia	TV	DVB	3/4	27.500		
			Disney Cinemagic España +1	TV	DVB	3/4	27.500	Viaccess 2.6	Spanish
			Sundance Channel Europe	TV	DVB	3/4	27.500	Viaccess 3.0	English,English
			Disney Cinemagic España	TV	DVB	3/4	27.500	Viaccess 2.6	Spanish
			Iberalia TV	TV	DVB	3/4	27.500	KeyFly	Spanish
			Canal Parlamento	TV	DVB	3/4	27.500		Spanish
			Música romantica	radio	DVB	3/4	27.500		
			Fama Radio	radio	DVB	3/4	27.500		Spanish
			Música ambiental	radio	DVB	3/4	27.500		
			Grandes éxitos	radio	DVB	3/4	27.500		
			Música joven	radio	DVB	3/4	27.500		
			Música clásica	radio	DVB	3/4	27.500		
			Canal latino	radio	DVB	3/4	27.500		
			KabelKiosk	package	DVB	3/4	27.500	Conax/Videoguard	
Animax Deutschland	TV	DVB	3/4	27.500	Conax/Videoguard	German			
Pink Plus	TV	DVB	3/4	27.500	Conax/Videoguard	Serbian			
EuroStar	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
RTR Planeta	TV	DVB	3/4	27.500	Conax/Videoguard	Russian			
Body in Balance Germany	TV	DVB	3/4	27.500	Conax/Videoguard	German			
Perviy kanal Europa	TV	DVB	3/4	27.500	Conax/Videoguard	Russian			
Lig TV	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish			
Kinowelt TV	TV	DVB	3/4	27.500	Conax/Videoguard	German			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			France 24 English	TV	DVB	3/4	27.500		English
			EuroNews	TV	DVB	3/4	27.500	Conax/Videoguard	English,French,Portuguese,Russian,Spanish,Italian
D 12.207	H	Europe	<u>Platforma DV</u>	package	DVB-S2	2/3	27.500	DRE-Crypt	
			5 Kanal	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian
			Tonus TV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian
			Auto Plus	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian
			Kuhnya TV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian
			Komedia TV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian
			365 dnei TV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian
			REN TV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian
			Zoo TV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian
			Kinopokaz	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian
			RBK TV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian
			TNT	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
			24 Techno	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian
			Muz TV	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian
			Rossiya 24	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian
			Ohota i Rybalka Stream	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian
			Kanal Teleputeshestviya	TV	DVB-S2	2/3	27.500	DRE-Crypt	Russian
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
			Kabel Eins Deutschland	TV	DVB-S2	2/3	Y 27.500	Conax/Videoguard	German
A 12.303	V	Europe	<u>Platforma HD</u>	package	DVB-S2	2/3	26.400	DRE-Crypt	
			Kinopokaz HD 2	TV	DVB-S2	2/3	26.400	DRE-Crypt	Russian,Russian
			HD Life	TV	DVB-S2	2/3	26.400	DRE-Crypt	Russian
			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 Teleputeshestviya HD	TV	DVB-S2	2/3	26.400	DRE-Crypt	Russian
			High Life	TV	DVB-S2	2/3	26.400	DRE-Crypt	Russian
D 12.322	H	Europe	<u>KabelKiosk</u>	package	DVB	3/4	27.500	Conax/Videoguard	
			Rai 1	TV	DVB	3/4	27.500	Conax/Videoguard	Italian
			TürkMax	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish
			TRT Türk	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish
			Rai 2	TV	DVB	3/4	27.500	Conax/Videoguard	Italian
			Rai 3	TV	DVB	3/4	27.500	Conax/Videoguard	Italian
			Euro D	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish
			Kanal 7 Avrupa	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish
			NTV Avrupa	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish
			Show Turk	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish
			TVP Polonia	TV	DVB	3/4	27.500	Conax/Videoguard	Polish
			ATV Avrupa	TV	DVB	3/4	27.500	Conax/Videoguard	Turkish
D 12.360	H	Europe	<u>KabelKiosk</u>	package	DVB	3/4	27.500	Conax/Videoguard	
			Hustler TV Deutschland	TV	DVB	3/4	27.500	Conax/Videoguard	German
			Animal Planet Deutschland	TV	DVB	3/4	27.500	Conax/Videoguard	German
			ITVN Europe	TV	DVB	3/4	27.500	Conax/Videoguard	Polish
			Travel Channel Deutschland	TV	DVB	3/4	27.500	Conax/Videoguard	German,English
			Rush HD Europe	TV	DVB	3/4	27.500	Conax/Videoguard	English
			Yacht & Sail International	TV	DVB	3/4	27.500	Conax/Videoguard	German,English
			Lust Pur	TV	DVB	3/4	27.500	Conax/Videoguard	German
			C Music TV	TV	DVB	3/4	27.500	Conax/Videoguard	
			KabelKiosk infokanal	TV	DVB	3/4	27.500		German
			Auto Motor und Sport	TV	DVB	3/4	27.500	Conax/Videoguard	German
			Focus Gesundheit	TV	DVB	3/4	27.500	Conax/Videoguard	German
A 12.380	V	Europe	<u>Platforma HD</u>	package	DVB-S2	2/3	26.400	DRE-Crypt	
			MTVN HD	TV	DVB-S2	2/3	26.400	DRE-Crypt	English,English
			Platforma HD promo	TV	DVB-S2	2/3	26.400		Russian
			HD Sport	TV	DVB-S2	2/3	26.400	DRE-Crypt	Russian
			Eurosport	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
			Nat Geo Wild HD	TV	DVB-S2	2/3	26.400	DRE-Crypt	Russian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 12.399	H	Europe	<u>KabelKiosk</u>	package	DVB	3/4	27.500	Conax/Videoguard	
			13th Street Deutschland	TV	DVB	3/4	27.500	Conax/Videoguard	German
			Boomerang Deutschland	TV	DVB	3/4	27.500	Conax/Videoguard	German,English
			The Biography Channel Deutschland	TV	DVB	3/4	27.500	Conax/Videoguard	German
			Cartoon Network Deutschland	TV	DVB	3/4	27.500	Conax/Videoguard	German,English
			History Deutschland	TV	DVB	3/4	27.500	Conax/Videoguard	German
			Fuel TV	TV	DVB	3/4	27.500	Conax/Videoguard	English
			Motors TV	TV	DVB	3/4	27.500	Conax/Videoguard	German,English
			Silverline Movie Channel	TV	DVB	3/4	27.500	Conax/Videoguard	German
			AXN Deutschland	TV	DVB	3/4	27.500	Conax/Videoguard	German,English
			National Geographic Channel Deutschland	TV	DVB	3/4	27.500	Conax/Videoguard	German,English
			Sci Fi Deutschland	TV	DVB	3/4	27.500	Conax/Videoguard	German
			TNT Film	TV	DVB	3/4	27.500	Conax/Videoguard	German,English
			D 12.437	H	Europe	<u>KabelKiosk</u>	package	DVB	3/4
Discovery Channel Deutschland	TV	DVB				3/4	27.500	Conax/Videoguard	German
MTV Entertainment	TV	DVB				3/4	27.500	Conax/Videoguard	German
Nick Jr Deutschland	TV	DVB				3/4	27.500	Conax/Videoguard	German
Volksmusik TV	TV	DVB				3/4	27.500	Conax/Videoguard	German
Gute Laune TV	TV	DVB				3/4	27.500	Conax/Videoguard	German
E! Deutschland	TV	DVB				3/4	27.500	Conax/Videoguard	German,German,Polish,Turkish
BBC Entertainment Europe	TV	DVB				3/4	27.500	Conax/Videoguard	English
Romance TV	TV	DVB				3/4	27.500	Conax/Videoguard	German
Your Family Entertainment	TV	DVB				3/4	27.500	Conax/Videoguard	German
VH1 Classic Europe	TV	DVB				3/4	27.500	Conax/Videoguard	English
Sportdigital TV	TV	DVB				3/4	27.500	Conax/Videoguard	German
JayJay FM	radio	DVB				3/4	27.500		German

EUROBIRD™ 16 (16°EAST)

D 10.719	V	Wide	<u>DigitAlb</u>	package	DVB	3/4	27.500	Conax				
			The MGM Channel East Europe	TV	DVB	3/4	27.500	Conax	English			
			Tirana TV	TV	DVB	3/4	27.500	Conax	Albanian			
			X3	TV	DVB	3/4	27.500	Conax	Albanian			
			X4	TV	DVB	3/4	27.500	Conax	Albanian			
			TCM Central & Eastern Europe	TV	DVB	3/4	27.500	Conax	English			
			BBF	TV	DVB	3/4	27.500	Conax	Albanian			
			Cartoon Network Central & Eastern Europe	TV	DVB	3/4	27.500	Conax	English			
			Supersonic TV	TV	DVB	3/4	27.500	Conax	Albanian			
			A1	TV	DVB	3/4	27.500	Conax	Albanian			
			Telenorba Shqiptare	TV	DVB	3/4	27.500	Conax	Albanian			
			SuperSport HD 1	TV	DVB	3/4	27.500	Conax	Albanian			
			SuperSport HD 2	TV	DVB	3/4	27.500	Conax	Albanian			
			Fox Life Regional	TV	DVB	3/4	27.500	Conax	English			
			Travel Channel	TV	DVB	3/4	27.500	Conax	English			
			Nat Geo Wild Romania	TV	DVB	3/4	27.500	Conax	English			
			National Geographic Channel România	TV	DVB	3/4	27.500	Conax	English			
			Fox Crime Regional	TV	DVB	3/4	27.500	Conax	English			
			D 10.727	H	Madagascar	<u>CanalSat Réunion</u>	package	DVB	3/4	30.000	Mediaguard 2	
						Disney XD France	TV	DVB	3/4	30.000	Mediaguard 2	French
Cinecinema Famiz	TV	DVB				3/4	30.000	Mediaguard 2	French			
M6	TV	DVB				3/4	30.000	Mediaguard 2	French			
Cinecinema Frisson	TV	DVB				3/4	30.000	Mediaguard 2	French			
Canal + Family	TV	DVB				3/4	30.000	Mediaguard 2	French			
Cinecinema Premier	TV	DVB				3/4	30.000	Mediaguard 2	French			
Zing UK	TV	DVB				3/4	30.000	Mediaguard 2	Hindi			
Cartoon Network France	TV	DVB				3/4	30.000	Mediaguard 2	French			
Canal + Réunion	TV	DVB				3/4	30.000	Mediaguard 2	French			
Canal + Cinéma Réunion	TV	DVB				3/4	30.000	Mediaguard 2	French			
Canal + Sport Réunion	TV	DVB				3/4	30.000	Mediaguard 2	French			
Equidia	TV	DVB				3/4	30.000	Mediaguard 2	French			
TF 1	TV	DVB				3/4	30.000	Mediaguard 2	French			
TF 6	TV	DVB				3/4	30.000	Mediaguard 2	French			
Télé Réunion	TV	DVB				3/4	30.000	Mediaguard 2	French			
Cinecinema Émotion	TV	DVB				3/4	30.000	Mediaguard 2	French			
Le Mouv'	radio	DVB				3/4	30.000	Mediaguard 2	French			
Radio Réunion	radio	DVB	3/4	30.000	Mediaguard 2	French						
Radio France Internationale	radio	DVB	3/4	30.000	Mediaguard 2	French						

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text	Access	Lang.
				Digital	FEC	MHz			
D 10.758	V	Wide	Frequence Jazz	radio	DVB	3/4	30.000	Mediaguard 2	French
			France Vivace	radio	DVB	3/4	30.000	Mediaguard 2	French
			France Info	radio	DVB	3/4	30.000	Mediaguard 2	French
			RFM	radio	DVB	3/4	30.000	Mediaguard 2	French
			<u>DigitAlb</u>	package	DVB	7/8	27.500	Conax	
			SuperSport 1	TV	DVB	7/8	Y 27.500	Conax	Albanian
			Ora News	TV	DVB	7/8	27.500	Conax	Albanian
			TV Shqiptar	TV	DVB	7/8	27.500	Conax	Albanian
			MusicAl	TV	DVB	7/8	27.500	Conax	Albanian
			SuperSport 3	TV	DVB	7/8	27.500	Conax	Albanian
			News 24	TV	DVB	7/8	Y 27.500	Conax	Albanian
			TV Klan	TV	DVB	7/8	27.500	Conax	Albanian
			Klan Kosova	TV	DVB	7/8	27.500	Conax	Albanian
			SuperSport 5	TV	DVB	7/8	27.500	Conax	Albanian
			RTV 21 Sat	TV	DVB	7/8	27.500	Conax	Albanian
			SuperSport 4	TV	DVB	7/8	27.500	Conax	Albanian
			Kohavision	TV	DVB	7/8	27.500	Conax	Albanian
			Koha TV	TV	DVB	7/8	27.500	Conax	Albanian
			SuperSport 2	TV	DVB	7/8	27.500	Conax	Albanian
			Digi Gold	TV	DVB	7/8	27.500	Conax	Albanian
Radio Klan	radio	DVB	7/8	27.500					
D 10.796	V	Wide	<u>Total TV</u>	package	DVB	3/4	30.000	Cryptoworks/Videoguard	
			Planeta TV	TV	DVB	3/4	30.000	Cryptoworks/Videoguard	Bulgarian
			BTV Comedy	TV	DVB	3/4	30.000	Cryptoworks/Videoguard	Bulgarian
			Nova Sport	TV	DVB	3/4	30.000	Cryptoworks/Videoguard	Bulgarian
			AXN Bulgaria	TV	DVB	3/4	30.000	Cryptoworks/Videoguard	Bulgarian
			Hallmark Channel Bulgaria	TV	DVB	3/4	30.000	Cryptoworks/Videoguard	Bulgarian
			PV TV	TV	DVB	3/4	30.000	Cryptoworks/Videoguard	Bulgarian
			TVCG Sat	TV	DVB	3/4	30.000	Videoguard	Serbian
			DSTV	TV	DVB	3/4	30.000		Bulgarian
			Zone Reality Europe	TV	DVB	3/4	30.000	Videoguard	English
			OBN	TV	DVB	3/4	Y 30.000		Bosnian
			Motors TV	TV	DVB	3/4	30.000	Videoguard	English,Serbian
			MTV Adria	TV	DVB	3/4	Y 30.000	Videoguard	English
			TV Sofija Kabel	TV	DVB	3/4	30.000		Bulgarian
			D 10.813	H	Madagascar	<u>CanalSat Réunion</u>	package	DVB	5/6
National Geographic Channel France	TV	DVB				5/6	27.500	Mediaguard 2	French
Canal + France	TV	DVB				5/6	27.500	Mediaguard 2	French
Action	TV	DVB				5/6	27.500	Mediaguard 2	French
Seasons	TV	DVB				5/6	27.500	Mediaguard 2	French
Zee TV UK	TV	DVB				5/6	27.500	Mediaguard 2	Hindi
TF 1	TV	DVB				5/6	27.500	Mediaguard 2	French
Zee Cinema UK	TV	DVB				5/6	27.500	Mediaguard 2	Hindi
Ushuaïa TV	TV	DVB				5/6	27.500	Mediaguard 2	French
Extreme Sports Channel	TV	DVB				5/6	27.500	Mediaguard 2	
Planète No Limit	TV	DVB				5/6	27.500	Mediaguard 2	French
Private Spice	TV	DVB				5/6	27.500	Mediaguard 2	English
<u>Total TV</u>	package	DVB				5/6	27.500	Cryptoworks/Videoguard	
Golf Klub	TV	DVB				5/6	27.500	Videoguard	Serbian,Croatian,Slovenian
History Europe	TV	DVB				5/6	27.500	Videoguard	English
Federalna TV	TV	DVB	5/6	Y 27.500	Videoguard	Bosnian			
Alternativna TV	TV	DVB	5/6	Y 27.500	Videoguard	Serbian			
RTRS TV	TV	DVB	5/6	Y 27.500	Videoguard	Serbian			
Fox TV Srbija	TV	DVB	5/6	Y 27.500	Videoguard	Serbian			
OBN	TV	DVB	5/6	Y 27.500	Videoguard	Bosnian			
HBO Adria	TV	DVB	5/6	Y 27.500	Cryptoworks/Videoguard	Serbian,Croatian,Slovenian			
Cinemax 2 Central Europe	TV	DVB	5/6	27.500	Cryptoworks/Videoguard	Serbian,Slovenian,Croatian,Bulgarian			
Top Shop TV Serbia	TV	DVB	5/6	27.500	Videoguard	Serbian			
Hallmark Channel Central Europe	TV	DVB	5/6	27.500	Videoguard	English			
Sport Klub + South East Europe	TV	DVB	5/6	27.500	Videoguard	Serbian,Slovenian,Croatian			
TV Kopernikus	TV	DVB	5/6	27.500		Serbian			
TV Avala	TV	DVB	5/6	Y 27.500	Videoguard	Serbian			
HBO Comedy Adria	TV	DVB	5/6	Y 27.500	Cryptoworks/Videoguard	Serbian,Slovenian,Croatian,Bulgarian			
D 10.853	H	Madagascar	<u>CanalSat Réunion</u>	package	DVB	3/4	30.000	Mediaguard 2	
			Téva	TV	DVB	3/4	30.000	Mediaguard 2	French
			Game One	TV	DVB	3/4	30.000	Mediaguard 2	French
			Cuisine TV	TV	DVB	3/4	30.000	Mediaguard 2	French
			Antenne Réunion	TV	DVB	3/4	30.000	Mediaguard 2	French
			LCP	TV	DVB	3/4	30.000	Mediaguard 2	French
			MCM Pop	TV	DVB	3/4	30.000	Mediaguard 2	French

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			BBC World News	TV	DVB	3/4	30.000	Mediaguard 2	English
			Kanal Austral	TV	DVB	3/4	30.000	Mediaguard 2	French
			+ de Sport	TV	DVB	3/4	30.000	Mediaguard 2	French
			Sport +	TV	DVB	3/4	30.000	Mediaguard 2	French
			MTV France	TV	DVB	3/4	30.000	Mediaguard 2	French
			Disney Cinemagic France	TV	DVB	3/4	30.000	Mediaguard 2	French
			Motors TV	TV	DVB	3/4	30.000	Mediaguard 2	French,English
			XXL	TV	DVB	3/4	30.000	Mediaguard 2	French
			Télé Maison	TV	DVB	3/4	30.000	Mediaguard 2	French
			Playhouse Disney France	TV	DVB	3/4	30.000	Mediaguard 2	French
			EuroNews	TV	DVB	3/4	30.000	Mediaguard 2	French,German,Spanish,English,Italian,Russian
D 10.873	V	Wide	<u>Total TV</u>	package	DVB	5/6	27.500	Irdeto 2/Videoguard	
			RTS 1	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			RTS 2	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			Disney XD Middle East	TV	DVB	5/6	27.500	Videoguard	English
			B92 Info kanal	TV	DVB	5/6	27.500	Videoguard	Serbian
			Ultra TV	TV	DVB	5/6	27.500	Videoguard	Serbian
			Happy TV	TV	DVB	5/6	Y 27.500	Irdeto 2/Videoguard	Serbian
			Film + Serbia	TV	DVB	5/6	27.500	Videoguard	Serbian
			DoQ South East Europe	TV	DVB	5/6	27.500	Videoguard	English
			Sport Klub Serbia	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			Enter TV	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			TV B92	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			Kosava	TV	DVB	5/6	Y 27.500	Irdeto 2/Videoguard	Serbian
			Cinemania	TV	DVB	5/6	27.500	Videoguard	Serbian
			Studio B	TV	DVB	5/6	27.500	Videoguard	Serbian
			Radio Studio B	radio	DVB	5/6	27.500		Serbian
			B92 FM	radio	DVB	5/6	27.500	Videoguard	Serbian
D 10.892	H	Wide	<u>Total TV</u>	package	DVB	3/4	27.500	Videoguard	
			Carli TV	TV	DVB	3/4	27.500		Slovenian
			Kanal A	TV	DVB	3/4	Y 27.500	Videoguard	Slovenian
			TV Pika	TV	DVB	3/4	Y 27.500	Videoguard	Slovenian
			Info TV	TV	DVB	3/4	27.500		Slovenian
			Sport Klub Slovenija	TV	DVB	3/4	27.500	Videoguard	Slovenian
			Golica TV	TV	DVB	3/4	27.500		Slovenian
			BBC Entertainment Europe	TV	DVB	3/4	27.500	Videoguard	English
			TV Slovenija 2	TV	DVB	3/4	27.500	Videoguard	Slovenian
			TV 3 Slovenija	TV	DVB	3/4	Y 27.500	Videoguard	Slovenian
			TV Slovenija 1	TV	DVB	3/4	27.500	Videoguard	Slovenian
			Pop TV	TV	DVB	3/4	Y 27.500	Videoguard	Slovenian
			Radio 1	radio	DVB	3/4	27.500		Slovenian
D 10.911	V	Wide	<u>Sony Pictures TV International</u>	package	DVB	5/6	27.500	PowerVu/Viaccess 2.6/Viaccess 3.0/Videoguard	
			AXN Crime Polska	TV	DVB	5/6	27.500	PowerVu	Polish,English
			AXN Deutschland	TV	DVB	5/6	27.500	Viaccess 2.6	English,German
			AXN Polska	TV	DVB	5/6	Y 27.500	PowerVu	Polish,English
			AXN Central Europe	TV	DVB	5/6	Y 27.500	PowerVu	Hungarian,Czech,Bulgarian,Polish
			AXN Crime	TV	DVB	5/6	27.500	PowerVu	Hungarian,Bulgarian,Polish,Romanian,Czech
			Animax Deutschland	TV	DVB	5/6	27.500	PowerVu	German,English
			SET Africa	TV	DVB	5/6	27.500	Viaccess 2.6	English
			AXN Bulgaria	TV	DVB	5/6	27.500	PowerVu	Bulgarian,English
			AXN Sci-Fi Polska	TV	DVB	5/6	27.500	PowerVu	Polish,English
			AXN Czech Republic	TV	DVB	5/6	27.500	PowerVu	Czech,English
			AXN Adria	TV	DVB	5/6	27.500	Viaccess 3.0/Videoguard	English
			Animax South Africa	TV	DVB	5/6	27.500	PowerVu	English
			AXN Romania	TV	DVB	5/6	Y 27.500	PowerVu	Romanian,Hungarian,Czech,English
			AXN Sci-Fi	TV	DVB	5/6	27.500	PowerVu	Hungarian,Bulgarian,Polish,Romanian,Czech
D 10.930	H	Wide	<u>Total TV</u>	package	DVB	3/4	27.500	Videoguard	
			Investigation Discovery Europe	TV	DVB	3/4	27.500	Videoguard	English
			SOS Kanal	TV	DVB	3/4	27.500	Videoguard	Serbian
			TV Metropolis	TV	DVB	3/4	27.500	Videoguard	Serbian
			TV Alfa	TV	DVB	3/4	27.500	Videoguard	Bosnian
			ESPN America Europe	TV	DVB	3/4	27.500	Videoguard	English
			Disney Channel Polska	TV	DVB	3/4	27.500	Videoguard	English
			Sport Klub Croatia	TV	DVB	3/4	27.500	Videoguard	Croatian
			Eurosport 2 North-East	TV	DVB	3/4	27.500	Videoguard	Serbian,English
			Arena Sport 4	TV	DVB	3/4	27.500	Videoguard	Serbian
			Arena Sport 2	TV	DVB	3/4	27.500	Videoguard	Serbian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
			Arena Sport 1	TV	DVB	3/4	27.500	Videoguard	Serbian
			TV Palma Plus	TV	DVB	3/4	27.500	Videoguard	Serbian

W2A (10°EAST)

D 11.305	V	Europe	<u>NBA TV</u>	package	DVB-S2	5/6	30.000		
			NBA TV	TV	DVB-S2	5/6	30.000		English
D 11.388	V	Europe	<u>Total TV</u>	package	DVB	5/6	27.500	Irdeto 2/Videoguard	
			Disney XD Middle East	TV	DVB	5/6	27.500	Videoguard	English
			Sport Klub Serbia	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			RTS 2	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			Ultra TV	TV	DVB	5/6	27.500	Videoguard	Serbian
			B92 Info kanal	TV	DVB	5/6	27.500	Videoguard	Serbian
			TV B92	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			Studio B	TV	DVB	5/6	27.500	Videoguard	Serbian
			Cinemanija	TV	DVB	5/6	27.500	Videoguard	Serbian
			RTS 1	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			Enter TV	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			Film + Serbia	TV	DVB	5/6	27.500	Videoguard	Serbian
			Happy TV	TV	DVB	5/6	Y 27.500	Irdeto 2/Videoguard	Serbian
			Kosava	TV	DVB	5/6	Y 27.500	Irdeto 2/Videoguard	Serbian
			DoQ South East Europe	TV	DVB	5/6	27.500	Videoguard	English
			Radio Studio B	radio	DVB	5/6	27.500		Serbian
			B92 FM	radio	DVB	5/6	27.500	Videoguard	Serbian
D 11.429	V	Europe	<u>Total TV</u>	package	DVB	5/6	27.500	Cryptoworks/Videoguard	
			History Europe	TV	DVB	5/6	27.500	Videoguard	English
			HBO Adria	TV	DVB	5/6	Y 27.500	Cryptoworks/Videoguard	Serbian,Croatian,Slovenian
			Cinemax 2 Central Europe	TV	DVB	5/6	27.500	Cryptoworks/Videoguard	Serbian,Slovenian,Croatian,Bulgarian
			RTRS TV	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			Hallmark Channel Central Europe	TV	DVB	5/6	27.500	Videoguard	English
			Federalna TV	TV	DVB	5/6	Y 27.500	Videoguard	Bosnian
			TV Kopernikus	TV	DVB	5/6	27.500		Serbian
			TV Avala	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			Fox TV Srbija	TV	DVB	5/6	Y 27.500	Videoguard	Serbian
			HBO Comedy Adria	TV	DVB	5/6	Y 27.500	Cryptoworks/Videoguard	Serbian,Slovenian,Croatian,Bulgarian
			Top Shop TV Serbia	TV	DVB	5/6	27.500	Videoguard	Serbian
			Sport Klub + South East Europe	TV	DVB	5/6	27.500	Videoguard	Serbian,Slovenian,Croatian
			Golf Klub	TV	DVB	5/6	27.500	Videoguard	Serbian,Croatian,Slovenian
			OBN	TV	DVB	5/6	Y 27.500	Videoguard	Bosnian
			Alternativna TV	TV	DVB	5/6	Y 27.500	Videoguard	Serbian

W3A (7°EAST)

D 10.721	H	Europe B	<u>IVG</u>	package	DVB	1/2	22.000		
			VoA TV Persian	TV	DVB	1/2	22.000		Farsi
			Channel One	TV	DVB	1/2	22.000		Farsi
			Simay-Azadi Iran National TV	TV	DVB	1/2	22.000		Farsi
			BBC Persian	TV	DVB	1/2	22.000		Farsi
			GünAz TV	TV	DVB	1/2	22.000		Azerbaijan
			Pars TV	TV	DVB	1/2	22.000		Farsi
			Voice of Mojahed	radio	DVB	1/2	22.000		Farsi
			Radio Farda	radio	DVB	1/2	22.000		Farsi
			EPersian Radio	radio	DVB	1/2	22.000		Farsi
D 10.762	H	Europe B	Horizon Satellite Services	interacti	DVB-S2	5/6	29.500		
D 10.845	V	Europe B	<u>SkyDSL</u>	interacti	DVB	3/4	27.500		
A 10.887	V	Europe B	<u>DiziMax</u>	TV	DVB-S2	5/6	30.000	Irdeto 2	Turkish
A 10.887	V	Europe B	<u>SporMax</u>	TV	DVB-S2	5/6	30.000	Cryptoworks/Irdeto 2	Turkish
A 10.887	V	Europe B	<u>Lig TV</u>	TV	DVB-S2	5/6	30.000	Cryptoworks/Irdeto 2	Turkish
A 10.887	V	Europe B	<u>MovieMax HD</u>	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	National Geographic Channel HD UK	TV	DVB-S2	5/6	30.000	Cryptoworks/Irdeto 2	Turkish,English
A 10.887	H	Europe B	<u>DiziMaxMore</u>	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	Wedding TV Polska	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English
D 10.928	H	Europe B	Al Jazeera English	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English
D 10.928	H	Europe B	Rai 1	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Italian
D 10.928	H	Europe B	TV 5 Monde Europe	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	French
D 10.928	H	Europe B	BabyFirst TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English

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This document is provided for information purposes. No responsibility is taken for errors or omissions. Please note that most digital set top boxes (satellite receivers) are now fitted with a child protection function to prevent underage viewing of adult content. Features may vary according to manufacturer and model type but most boxes allow you to block unsuitable content. Contact your local dealer or installer to find out more.
Eutelsat S.A. - 70 rue Balard 75502 PARIS CEDEX 15 - Tel: 0153984747 - Fax: 0153983700 <http://www.eutelsat.com>

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 10.928	H	Europe B	Pro Sieben Schweiz	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	German
D 10.928	H	Europe B	Dream TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish
D 10.928	H	Europe B	Saudi Arabian TV 1	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Arabic
D 10.928	H	Europe B	Perviy kanal Europa	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Russian
A 10.928	H	Europe B	National Geographic Channel HD UK	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English
D 10.928	H	Europe B	Bloomberg TV Europe	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English
D 10.928	H	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2	
D 10.928	V	Europe B	Eurosport 2 North-East	TV	DVB	3/4	27.500	Viaccess 3.0/Viaccess 4.0	English
D 10.928	V	Europe B	Touba TV	TV	DVB	3/4	27.500		French
D 10.928	V	Europe B	Bobar Radio	radio	DVB	3/4	27.500		Serbian
D 10.928	V	Europe B	Classic	radio	DVB	3/4	27.500		
D 10.928	V	Europe B	Soft Pop	radio	DVB	3/4	27.500		
D 10.928	V	Europe B	I.D.	radio	DVB	3/4	27.500		
D 10.928	V	Europe B	Cocktail	radio	DVB	3/4	27.500		
D 10.928	V	Europe B	Mix	radio	DVB	3/4	27.500		
D 10.928	V	Europe B	Gold	radio	DVB	3/4	27.500		
D 10.928	V	Europe B	Hits Online	radio	DVB	3/4	27.500		
D 10.928	V	Europe B	Chartbusters Radio	radio	DVB	3/4	27.500		English
D 10.928	V	Europe B	<u>OpenSky</u>	package	DVB	3/4	27.500	Viaccess 3.0/Viaccess 4.0/BISS	
D 10.928	V	Europe B	OpenSky	interacti	DVB	3/4	27.500		
D 11.262	H	Europe A	OpenSky	interacti	DVB	3/4	27.500		
D 11.283	V	Europe A	<u>GlobeCast</u>	package	DVB	3/4	27.500		
			Eurosport	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	English,German,French
			Eurosport 2	TV	DVB	3/4	27.500	Mediaguard 2/Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	English
			M6 Suisse	TV	DVB	3/4	Y 27.500		French
			Eurosport News	TV	DVB	3/4	27.500	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0	English,Russian
			RFI Diverse 4	radio	DVB	3/4	27.500		
			RFI Langues 1	radio	DVB	3/4	27.500		
			RFI Français	radio	DVB	3/4	27.500		French
			RFI Langues Est	radio	DVB	3/4	27.500		
			RFI Langues Diverse	radio	DVB	3/4	27.500		
			RFI Afrique	radio	DVB	3/4	27.500		
			RFI Diverse 1	radio	DVB	3/4	27.500		
			RFI Diverse 2	radio	DVB	3/4	27.500		
			RFI Diverse 7	radio	DVB	3/4	27.500		
			Monte Carlo Doualiya	radio	DVB	3/4	27.500		Arabic
			RFI Diverse 3	radio	DVB	3/4	27.500		
			RFI Musique	radio	DVB	3/4	27.500		
			RFI Français	radio	DVB	3/4	27.500		French
			RFI Diverse 6	radio	DVB	3/4	27.500		
			RFI Latine	radio	DVB	3/4	27.500		
			Buffalo Grill	radio	DVB	3/4	27.500	Viaccess 2.5	
D 11.324	V	Europe A	<u>Multi-Channel BFBS</u>	package	DVB	2/3	27.500	Cryptoworks	
			BFBS 1	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			BFBS 1 Day Later	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			Sky News UK	TV	DVB	2/3	27.500	Cryptoworks	English
			Q	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			Sky Sports 2 UK	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			Sky Sports 1 UK	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			BFBS 3 Kids	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			BFBS 2	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			BFBS 4	TV	DVB	2/3	Y 27.500	Cryptoworks	English
			BFBS Radio Cyprus	radio	DVB	2/3	27.500		English
			BFBS Radio Middle East	radio	DVB	2/3	27.500		English
			BFBS Radio Germany	radio	DVB	2/3	27.500		English
			BFBS Radio 2 World	radio	DVB	2/3	27.500	Cryptoworks	English
			BFBS Radio Europe	radio	DVB	2/3	27.500		English
			BFBS Radio Gibraltar	radio	DVB	2/3	27.500		English
			BFBS Radio Balkans	radio	DVB	2/3	27.500		English
			BFBS Radio Northern Ireland	radio	DVB	2/3	27.500		English
			BFBS Radio Navy	radio	DVB	2/3	27.500		English
			BFBS Radio Afghanistan	radio	DVB	2/3	27.500		English
			BFBS Radio 2 Europe	radio	DVB	2/3	27.500	Cryptoworks	English
			BFBS Gurkha Radio	radio	DVB	2/3	27.500		
			BFBS Radio 2 Cyprus	radio	DVB	2/3	27.500	Cryptoworks	English
D 11.345	H	Europe A	<u>Eutelsat</u>	package	DVB	2/3	27.500		
			RTS 1	TV	DVB	2/3	27.500		French
			Africable	TV	DVB	2/3	27.500		French
			Eurosport 2 FA Premier League	TV	DVB	2/3	27.500	Viaccess 3.0	English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.	
				Digital	FEC	MSy/s				
D 11.452	V	Europe B	2S TV	TV	DVB	2/3	27.500	Viaccess 2.6		French
			Eurosport 2 Germany	TV	DVB	2/3	Y 27.500	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0		German
			ORTM	TV	DVB	2/3	27.500			French
			Hits Online	radio	DVB	2/3	27.500			
			Canal A	radio	DVB	2/3	27.500			Portuguese
			Radio Sénégal International	radio	DVB	2/3	27.500			French
			La Radio Plus	radio	DVB	2/3	27.500			French
			I.D.	radio	DVB	2/3	27.500			
			Chartbusters Radio	radio	DVB	2/3	27.500			English
			Gold	radio	DVB	2/3	27.500			
			Mix	radio	DVB	2/3	27.500			
			Cocktail	radio	DVB	2/3	27.500			
			Soft Pop	radio	DVB	2/3	27.500			
			Classic	radio	DVB	2/3	27.500			
			<u>DigiTurk</u>	package	DVB	2/3	25.066	Cryptoworks/Irdeto 2		
			Kanal B	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2		Turkish
			E! EMEA	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2		English
			TRT Çocuk	TV	DVB	2/3	25.066			Turkish
			TRT 4	TV	DVB	2/3	25.066			Turkish
			Salonda Ne Var?	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2		Turkish
Beyaz TV	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2		Turkish			
Bugün TV	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2		Turkish			
Halk TV	TV	DVB	2/3	25.066	Cryptoworks/Irdeto 2		Turkish			
Digi Kanal	TV	DVB	2/3	25.066			Turkish			
D 11.471	H	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2		
			Fashion TV Europe	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		
			EuroNews	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English,German,French,Spanish	
			24	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish	
			TV Net	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish	
			Extreme Sports Channel	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English	
			E2	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish	
			NTV Spor	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish	
			Eurosport 2	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English	
			Mezzo	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		
			BBC Entertainment Europe	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English	
			Fox Life Turkey	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish	
			<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2		
			TRT 1	TV	DVB	3/4	Y 30.000		Turkish	
			Samanyolu TV Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish	
TRT 6	TV	DVB	3/4	30.000		Kurdish				
GS TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish				
Zone Reality Europe	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English,Turkish				
DiziMax	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish				
TRT Haber	TV	DVB	3/4	30.000		Turkish				
Lig TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish				
Show Plus	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish				
TürkMax	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish				
D 11.513	H	Europe B	<u>DigiTurk</u>	package	DVB	3/4	27.500	Cryptoworks/Irdeto 2		
			BabyFirst TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish,English	
			Samanyolu Haber	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish	
			Power Türk TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish	
			Crime & Investigation Network UK	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish,English	
			Bio UK	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish,English	
			Flash TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish	
			Iz TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish	
			Baby TV Europe	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish,English	
			Yumurcak TV	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish	
			IBB Trafik	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2		
			Süper Lig Bilgi Kanali	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2		
			Yemek Sepeti	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2		
			Müsteri Hizmetleri	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2		
			Ajans Press	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2		
			TV Hava Durumu	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2		
			Halk Bankasi	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2		
			Digiaktif	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2		
			Digiposta	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2		
			Masal TV	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2	Turkish	
Jojo Interaktif	interacti	DVB	3/4	27.500	Cryptoworks/Irdeto 2					
D 11.534	V	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2		
			Cartoon Network Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish	

Freq (GHz)	Pol	Beam	Channel	Analogue		Text MSy/s	Access	Lang.			
				Digital	FEC						
D 11.554	H	Europe B	NTV Türkiye	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
			KanalTurk	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
			CNBC-E	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
			CNN Türk	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
			BBC World News	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	English			
			MovieMax 1	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
			TV 8	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
			Kral TV	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
			TRT 3	TV	DVB	3/4	30.000	Turkish			
			6 News	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
			TV Finans	interacti	DVB	3/4	30.000 Cryptoworks/Irdeto 2				
			<u>DigiTurk</u>	package	DVB	3/4	27.500 Cryptoworks/Irdeto 2				
			Akilli TV	TV	DVB	3/4	27.500 Cryptoworks/Irdeto 2	Turkish			
			TRT Arapça	TV	DVB	3/4	27.500	Arabic			
			TNT Türkiye	TV	DVB	3/4	27.500 Cryptoworks/Irdeto 2	Turkish			
			Kanal A	TV	DVB	3/4	27.500 Cryptoworks/Irdeto 2	Turkish			
			FX Türkiye	TV	DVB	3/4	27.500 Cryptoworks/Irdeto 2	Turkish			
			TRT Belgesel	TV	DVB	3/4	27.500	Turkish			
			Cem TV	TV	DVB	3/4	27.500 Cryptoworks/Irdeto 2	Turkish			
			Cine 5	TV	DVB	3/4	27.500 Cryptoworks/Irdeto 2	Turkish			
Radio Banca Popolare di Vicenza	radio	DVB	3/4	27.500	Italian						
D 11.575	V	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000 Cryptoworks/Irdeto 2				
			Show Max	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
			Show TV	TV	DVB	3/4	Y 30.000 Cryptoworks/Irdeto 2	Turkish			
			Kanal D	TV	DVB	3/4	Y 30.000 Cryptoworks/Irdeto 2	Turkish			
			Blue Hustler Europe	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
			Salon 1	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
			Disney XD Middle East	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish,English			
			NBA TV	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	English			
			Jetix Play	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish,English,Russian,Polish			
			Vip TV	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2				
			Salon 2	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
			D 11.596	H	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000 Cryptoworks/Irdeto 2	
						FBTV	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish
						TGRT Haber	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish
Fox Sports Turkey	TV	DVB				3/4	30.000 Cryptoworks/Irdeto 2	English			
SporMax	TV	DVB				3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
Lig TV Ticari	TV	DVB				3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
MyMax	TV	DVB				3/4	30.000 Cryptoworks/Irdeto 2	Turkish,English			
GoldMax 2	TV	DVB				3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
TJK TV	TV	DVB				3/4	30.000	Turkish			
Habertürk	TV	DVB				3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
CNN International Europe	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	English						
Bilyoner.com	interacti	DVB	3/4	30.000 Cryptoworks/Irdeto 2							
D 11.617	V	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000 Cryptoworks/Irdeto 2				
			Mehtap TV	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
			MCM Top	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	French			
			The History Channel Turkey	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish,English			
			Aquavision	TV	DVB	3/4	30.000				
			Home TV	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
			TRT Türk	TV	DVB	3/4	30.000	Turkish			
			Nat Geo Wild Türkiye	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish,English			
			VH1 Europe A	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	English			
			Star TV	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
			Nickelodeon Türkiye	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	Turkish			
			National Geographic Channel Türkiye	TV	DVB	3/4	30.000 Cryptoworks/Irdeto 2	English,Turkish			
			2000's Hits	radio	DVB	3/4	30.000 Cryptoworks/Irdeto 2				
			90's Hits	radio	DVB	3/4	30.000 Cryptoworks/Irdeto 2				
			80's Hits	radio	DVB	3/4	30.000 Cryptoworks/Irdeto 2				
			70's Hits	radio	DVB	3/4	30.000 Cryptoworks/Irdeto 2				
			50's/60's Hits	radio	DVB	3/4	30.000 Cryptoworks/Irdeto 2				
			Standards	radio	DVB	3/4	30.000 Cryptoworks/Irdeto 2				
			Classical Music	radio	DVB	3/4	30.000 Cryptoworks/Irdeto 2				
			Alternative Rock	radio	DVB	3/4	30.000 Cryptoworks/Irdeto 2				
Hard Rock	radio	DVB	3/4	30.000 Cryptoworks/Irdeto 2							
Classical Rock	radio	DVB	3/4	30.000 Cryptoworks/Irdeto 2							
Nu Jazz	radio	DVB	3/4	30.000 Cryptoworks/Irdeto 2							
Jazz Classics	radio	DVB	3/4	30.000 Cryptoworks/Irdeto 2							
Blues	radio	DVB	3/4	30.000 Cryptoworks/Irdeto 2							
Reggae	radio	DVB	3/4	30.000 Cryptoworks/Irdeto 2							

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 11.637	H	Europe B	Latin	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Dance Classics	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Dance	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Radio Time	radio	DVB	3/4	30.000			Turkish		
			Radyo Spor	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish		
			Songs of Love	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Masal Radyo	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish		
			Arion Radio	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Greek		
			Hip Hop R&B	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Lig Radyo	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish		
			Chillout	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Alem FM	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish		
			Easy Listening	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Yoga Zone	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			International	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			R&B	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Symphonic	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Opera	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Smooth Jazz	radio	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Kanal 532	interacti	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			TRT Avaz	TV	DVB	3/4	30.000			Turkish		
			Yacht & Sail International	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		English,French		
			Business TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish		
			The MGM Channel East Europe	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish		
			Avrasya TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish		
			GoldMax	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish		
			Jolly Tatil TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish		
			Intimacy	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish		
			Jojo	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			ActionMax	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish		
			Bloomberg HT	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		Turkish		
			Pro Sieben Schweiz	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2		German		
Digioyun	interacti	DVB	3/4	30.000	Cryptoworks/Irdeto 2							
Erotik Oyunlar	interacti	DVB	3/4	30.000	Cryptoworks/Irdeto 2							
D 11.678	H	Europe B	<u>DigiTurk</u>	package	DVB	3/4	30.000	Cryptoworks/Irdeto 2				
			Sky Turk	TV	DVB	3/4	30.000		Turkish			
			Fox Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			ATV Türkiye	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Kanal 7	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Dream TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			Eurosport	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English			
			Disney Channel Middle East	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish,English			
			Ülke TV	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			MovieMax 2	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			ComedyMax	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	English			
			TRT Müzik	TV	DVB	3/4	30.000		Turkish			
			Salon 3	TV	DVB	3/4	30.000	Cryptoworks/Irdeto 2	Turkish			
			D 12.520	V	Africa	Skylogic	interacti	DVB	1/2	27.500		
						<u>Televisa Networks</u>	package	DVB	?	30.000	Viaccess	
D 12.645	V	Africa	TeleHit	TV	DVB	?	30.000	Viaccess	Spanish			
			De Película Europa/Australia	TV	DVB	?	30.000	Viaccess	Spanish			
			TL Novelas Europa	TV	DVB	?	30.000	Viaccess	Spanish			
			Ritmoson Latino	TV	DVB	?	30.000	Viaccess	Spanish			
			Clásico TV	TV	DVB	?	30.000	Viaccess	Spanish			
			Setanta Africa	TV	DVB	?	30.000	Viaccess	English			
			D 12.728	V	Africa	<u>Free2View</u>	package	DVB	5/6	30.000		
						RDV	TV	DVB	5/6	30.000		
RTS 1	TV	DVB				5/6	30.000		French			
La Chaîne de Futur	TV	DVB				5/6	30.000		French			
TV Zimbo	TV	DVB				5/6	30.000		Portuguese			
MTA International	TV	DVB				5/6	30.000		Urdu			
2S TV	TV	DVB				5/6	30.000		French			
TPA Internacional	TV	DVB				5/6	30.000		Portuguese			
P Sat TV	TV	DVB				5/6	30.000					
Radio Sénégal International	radio	DVB				5/6	30.000		French			
RFI Afrique	radio	DVB				5/6	30.000		French			
Origine FM	radio	DVB				5/6	30.000					
RFI Océan Indien	radio	DVB				5/6	30.000		French			
City FM	radio	DVB				5/6	30.000		French			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	MHz	Text	Access	Lang.
				Digital	FEC		MSy/s			
W4 (36°EAST)										
D 11.727	L	Russia	<u>Poverkhnost Plus</u>	package	DVB		3/4	27.500		
			Russian Travel Guide TV	TV	DVB		3/4	27.500		Russian
			Sport 1	TV	DVB		3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Ukrainian
			Expert TV	TV	DVB		3/4	27.500		Russian
			Sport 2	TV	DVB		3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Ukrainian
			P+ Info	TV	DVB		3/4	27.500		Russian
			Pershiy Avtomobilniy	TV	DVB		3/4	27.500		Ukrainian
			TV 3	TV	DVB		3/4	27.500		Russian
			Shanson TV	TV	DVB		3/4	27.500		Russian
			Top Shop TV Russia	TV	DVB		3/4	27.500		Russian
			K+	TV	DVB		3/4	27.500		Russian
			TTS	TV	DVB		3/4	27.500		Russian
D 12.073	L	Russia	<u>NTV Plus</u>	package	DVB-S2		3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			HD Sport	TV	DVB-S2		3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			MTVN HD	TV	DVB-S2		3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			Discovery HD Showcase	TV	DVB-S2		3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			HD Life	TV	DVB-S2		3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			2 Sport 2	TV	DVB-S2		3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			HD Kino	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
D 12.092	H	Nigeria	<u>HiTV</u>	package	DVB		7/8	27.500	Conax	
			Sky News International	TV	DVB		7/8	27.500	Conax	English
			Bloomberg TV Europe	TV	DVB		7/8	27.500	Conax	English
			Hi Sports 2	TV	DVB		7/8	27.500	Conax	English
			Fox News Channel	TV	DVB		7/8	27.500	Conax	English
			Hi Soccer	TV	DVB		7/8	27.500	Conax	English
			Hi Sports	TV	DVB		7/8	27.500	Conax	English
			Setanta Africa	TV	DVB		7/8	27.500	Conax	English
			Al Jazeera English	TV	DVB		7/8	27.500	Conax	English
			BBC World News	TV	DVB		7/8	27.500	Conax	English
			Eurosport News	TV	DVB		7/8	27.500	Conax	English
			Hi Kids	TV	DVB		7/8	27.500	Conax	English
			Hi Nolly	TV	DVB		7/8	27.500	Conax	English
			Hi Mix	TV	DVB		7/8	27.500	Conax	English
			Zee Cinema UK	TV	DVB		7/8	27.500	Conax	Hindi
			Silverbird TV	TV	DVB		7/8	27.500	Conax	English
			Fox Entertainment	TV	DVB-S2		7/8	27.500	Conax	English
D 12.111	L	Russia	<u>Poverkhnost Plus</u>	package	DVB-S2		3/4	27.500	Irdeto 2/Viaccess 4.0	
			M2 Estrada	TV	DVB-S2		3/4	27.500	Irdeto 2/Viaccess 4.0	Ukrainian
			National Geographic Channel HD Russia & Turkey	TV	DVB-S2		3/4	27.500	Irdeto 2/Viaccess 4.0	Russian
			TRK Ukraina	TV	DVB-S2		3/4	27.500	Irdeto 2/Viaccess 4.0	Ukrainian
			Discovery HD Showcase	TV	DVB-S2		3/4	27.500	Irdeto 2/Viaccess 4.0	Russian
			Kino	TV	DVB-S2		3/4	27.500	Irdeto 2/Viaccess 4.0	Ukrainian
			Telekanal STB	TV	DVB-S2		3/4	27.500	Irdeto 2/Viaccess 4.0	Ukrainian
			M1	TV	DVB-S2		3/4	27.500	Irdeto 2/Viaccess 4.0	Ukrainian
			Sport HD	TV	DVB-S2		3/4	27.500	Irdeto 2/Viaccess 4.0	Ukrainian
			Eurosport	TV	DVB-S2		3/4	27.500	Irdeto 2/Viaccess 4.0	Russian
			ICTV	TV	DVB-S2		3/4	27.500	Irdeto 2/Viaccess 4.0	Ukrainian
			Novy Kanal	TV	DVB-S2		3/4	27.500	Irdeto 2/Viaccess 4.0	Ukrainian
			Citi	TV	DVB-S2		3/4	27.500	Irdeto 2/Viaccess 4.0	Ukrainian
D 12.130	H	Nigeria	<u>HiTV</u>	package	DVB		7/8	27.500	Conax	
			KidsCo	TV	DVB		7/8	27.500	Conax	
			Nickelodeon	TV	DVB		7/8	27.500	Conax	English
			Gamji TV	TV	DVB		7/8	27.500	Conax	Hausa
			ACBN	TV	DVB		7/8	27.500	Conax	English
			DoveVision	TV	DVB		7/8	27.500	Conax	English
			Hi Movies	TV	DVB		7/8	27.500	Conax	English
			God TV Europe	TV	DVB		7/8	27.500	Conax	English
			Nigezie	TV	DVB		7/8	27.500	Conax	English
			BET UK	TV	DVB		7/8	27.500	Conax	English
			Discovery World	TV	DVB		7/8	27.500	Conax	English
			TV Continental	TV	DVB		7/8	27.500	Conax	
			Amuludun TV	TV	DVB		7/8	27.500	Conax	
			Biscon World	TV	DVB		7/8	27.500	Conax	English
			EI EMEA	TV	DVB		7/8	27.500	Conax	English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
D 12.190	L	Russia	Wedding TV UK	TV	DVB	7/8	27.500	Conax	English
			Trace TV	TV	DVB	7/8	27.500	Conax	French
			Classic 97.3 FM	radio	DVB	7/8	27.500	Conax	English
			Brila FM	radio	DVB	7/8	27.500	Conax	English
			The Beat 99.9 FM	radio	DVB	7/8	27.500	Conax	English
			Rhythm 93.7	radio	DVB	7/8	27.500	Conax	English
			<u>Tricolor TV</u>	package	DVB	3/4	20.000	DRE-Crypt	
			Komedia TV	TV	DVB	3/4	20.000	DRE-Crypt	Russian
			Russkaya Noch	TV	DVB	3/4	20.000	DRE-Crypt	Russian
			Kanal Teleputeshestviya	TV	DVB	3/4	20.000	DRE-Crypt	Russian
			Nochnoy Club	TV	DVB	3/4	20.000	DRE-Crypt	Russian
			Ohota i Rybalka Tricolor	TV	DVB	3/4	20.000	DRE-Crypt	Russian
			Teen TV	TV	DVB	3/4	20.000	DRE-Crypt	Russian
			365 dnei TV	TV	DVB	3/4	20.000	DRE-Crypt	Russian
			Auto Plus	TV	DVB	3/4	20.000	DRE-Crypt	Russian
			Telekanal Zvezda	TV	DVB	3/4	20.000	DRE-Crypt	Russian
			Telenyanya	TV	DVB	3/4	20.000	DRE-Crypt	Russian
			Dom Kino	TV	DVB	3/4	20.000	DRE-Crypt	Russian
			Mnogo TV	TV	DVB	3/4	20.000	DRE-Crypt	Russian
			D 12.207	R	Russia	<u>Poverkhnost Plus</u>	package	DVB-S2	3/4
TV Centr International	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 4.0	Russian
The MGM Channel East Europe	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Russian
TRK Kyiv	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Russian
RBK TV	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0	Russian
XXL	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	French
Gulli	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 4.0	Russian
Sport 2	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Ukrainian
Discovery World	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0	Russian
Discovery Science Channel	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0	Russian
Discovery Travel & Living Europe	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0	Russian
Investigation Discovery Europe	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0	Russian
TiJi	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 4.0	Russian
Biz TV	TV	DVB-S2				3/4	27.500		Ukrainian
Travel Channel	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Russian,English
Hustler TV Europe	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	English
Eurosport 2	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Russian
Eurosport Russia	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Russian
TCM Russia & South East Europe	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Russian,English
Cartoon Network Russia & South East Europe	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Russian,English
Hallmark Channel Russia	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Russian,English			
National Geographic Channel Russia	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Russian,English			
Nickelodeon CIS	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Russian,English			
EuroNews	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Russian,English			
RTV International Europe	TV	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Russian			
D 12.226	L	Russia	<u>Tricolor TV</u>	package	DVB	3/4	27.500	DRE-Crypt	
			Tricolor TV Infokanal	TV	DVB	3/4	27.500		Russian
			TV Centr	TV	DVB	3/4	27.500	DRE-Crypt	Russian
			Rossiya K	TV	DVB	3/4	27.500	DRE-Crypt	Russian
			Perviy kanal	TV	DVB	3/4	27.500	DRE-Crypt	
			Ru TV	TV	DVB	3/4	27.500	DRE-Crypt	Russian
			Bibigon	TV	DVB	3/4	27.500	DRE-Crypt	Russian
			REN TV	TV	DVB	3/4	27.500	DRE-Crypt	Russian
			DTV	TV	DVB	3/4	27.500	DRE-Crypt	Russian
			5 Kanal	TV	DVB	3/4	27.500	DRE-Crypt	Russian
			Rossiya 24	TV	DVB	3/4	27.500	DRE-Crypt	Russian
			Rossiya 2	TV	DVB	3/4	27.500	DRE-Crypt	Russian
			TNT	TV	DVB	3/4	27.500	DRE-Crypt	Russian
			NTV	TV	DVB	3/4	27.500	DRE-Crypt	Russian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text	Access	Lang.			
				Digital	FEC	MHz						
D 12.245	R	Russia	Rossiya 1	TV	DVB	3/4	27.500	DRE-Crypt	Russian			
			NTV Plus Nash Futbol	TV	DVB	3/4	27.500	DRE-Crypt	Russian			
			<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0				
			KinoHit	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			NTV Mir	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			RT English	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English			
			Detski Mir	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			TeleKlub	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			TV 5 Monde Europe	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	French			
			Nashe Novoe Kino	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Nickelodeon CIS	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English			
			World Fashion Channel Russia	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			BBC World News	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English			
			Eurosport 2	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Bloomberg TV Europe	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English			
			D 12.265	L	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
						Bibigon	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
RT Arabic	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Arabic			
Telenyanya	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Dom Kino	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Muzika	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
5 Kanal	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Mir	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
3 Kanal	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Perviy Meteo	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
TV Sale	TV	DVB				3/4	27.500		Russian			
RBK TV	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
TV Centr Moskva	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
Radio Zenit	radio	DVB				3/4	27.500		Russian			
D 12.284	R	Russia				<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
						5 Kanal	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Ukrainian
						MTV Rocks	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			Perviy kanal Ukraina	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			ICTV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Ukrainian			
			NTN	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Ukrainian			
			CCTV 4 Europe	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Chinese			
			Park Razvlicenii	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Soversheno Sekretno	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			RTR Planeta Ukraina	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			CCTV News English	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English			
			Vremya	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			D 12.303	L	Russia	Bridge TV	TV	DVB	3/4	27.500		Russian
			D 12.303	L	Russia	Tonus TV	TV	DVB	3/4	27.500	DRE-Crypt	Russian
			D 12.303	L	Russia	Muz TV	TV	DVB	3/4	27.500	DRE-Crypt	Russian
			D 12.303	L	Russia	STS	TV	DVB	3/4	27.500	DRE-Crypt	Russian
			D 12.303	L	Russia	Telekanal Domashniy	TV	DVB	3/4	27.500	DRE-Crypt	Russian
D 12.303	L	Russia	Kinopokaz	TV	DVB	3/4	27.500	DRE-Crypt	Russian			
D 12.303	L	Russia	Boets	TV	DVB	3/4	27.500	DRE-Crypt	Russian			
D 12.303	L	Russia	A-One	TV	DVB	3/4	27.500		Russian			
D 12.303	L	Russia	Soyuz	TV	DVB	3/4	27.500		Russian			
D 12.303	L	Russia	Amazing Life	TV	DVB	3/4	27.500	DRE-Crypt	Russian			
D 12.303	L	Russia	Zoo TV	TV	DVB	3/4	27.500	DRE-Crypt	Russian			
D 12.303	L	Russia	7 TV	TV	DVB	3/4	27.500	DRE-Crypt	Russian			
D 12.303	L	Russia	Telekanal India	TV	DVB	3/4	27.500	DRE-Crypt	Russian			
D 12.303	L	Russia	Radio Voskresenie	radio	DVB	3/4	27.500		Russian			
D 12.303	L	Russia	Humor FM	radio	DVB	3/4	27.500		Russian			
D 12.303	L	Russia	NRJ Russia	radio	DVB	3/4	27.500		Russian			
D 12.303	L	Russia	Radio Alla	radio	DVB	3/4	27.500		Russian			
D 12.303	L	Russia	Avtoradio Moskva	radio	DVB	3/4	27.500		Russian			
D 12.303	L	Russia	OTIK	interacti	DVB	3/4	27.500	DRE-Crypt				
D 12.322	R	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0				
			Kto est kto	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Blue Hustler Europe	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0				
			Perviy kanal	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			NTV Plus Infokanal	TV	DVB	3/4	27.500		Russian			
			Kino Plus	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			REN TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Nashe Kino	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			NTV Plus Kinoklub	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			NTV Plus Premiera	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.			
				Digital	FEC							
D 12.341	L	Russia	NTV Plus Futbol	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			NTV Plus Sport	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0				
			Kinoreys 1	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,Russian			
			TiJi	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Gulli	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Kinoreys 3	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,Russian			
			Ru TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			AXN Sci-Fi Russia	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English			
			Kinoreys 2	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,Russian			
			Sci Fi Channel Russia	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English			
			Gameland TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Telekanal Domashniy	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Comedy TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Universal Channel Russia	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English			
			Detskoe Radio	radio	DVB	3/4	27.500		Russian			
			D 12.360	R	Russia	<u>Poverkhnost Plus</u>	package	DVB-S2	3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	
Menu TV	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0	Ukrainian			
Fox Life Russia	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Russian,English			
World Fashion Channel Russia	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Russian			
Pershiy Nacionalniy	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Ukrainian			
KidsCo East Europe	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 4.0	Russian			
Universal Channel Russia	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0	Russian,English			
Nashe Lubimoe Kino	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Russian			
TET	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Ukrainian			
Sport 4	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Ukrainian			
Sport 3	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Ukrainian			
SET Eastern Europe	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0	Russian,English			
CNN International	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0	English			
ProPoker	TV	DVB-S2				3/4	27.500		Russian			
AXN Sci-Fi Russia	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0	Russian,English			
5 Kanal	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 4.0	Ukrainian			
TV XXI	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0	Russian			
News 24	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0	Ukrainian			
Discovery Channel Central Europe	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Russian,English			
Mir Seriala	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0	Russian			
TeleKlub	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0	Russian			
ChP Info	TV	DVB-S2				3/4	27.500		Ukrainian			
Fox Crime Russia	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Russian,English			
Animal Planet Russia	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.5/Viaccess 2.6/Viaccess 4.0	Russian,English			
Sci Fi Channel Russia	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0	Russian,English			
Evrokino	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0	Russian			
Nat Geo Wild Europe	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0	Russian,English			
Detski Mir	TV	DVB-S2				3/4	27.500	Irdeto 2/Viaccess 2.6/Viaccess 4.0	Russian			
D 12.380	L	Russia				<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
						Interesnoe TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Mnogo TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Zakon TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Boets	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Kuhnya TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Russkaja Noch	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			365 dnei TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Telekanal India	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Komedia TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			TV Bulvar	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Telekanal La Minor	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			Auto Plus	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			
			D 12.399	R	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
						Rossiya 1	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
						NTV Sport On-line	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
						24 Dok	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
Kino Soyuz	TV	DVB				3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian			

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.
				Digital	FEC			
			Telekanal Zvezda	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Telekanal Spas	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Rossiya 24	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Rossiya K	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			MTV Russia	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			TNT	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Fashion TV Russia	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			STS Moskva	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Detskoe Radio	radio	DVB	3/4	27.500	Russian
			Echo Moskva	radio	DVB	3/4	27.500	Russian
			Relax FM	radio	DVB	3/4	27.500	Russian
D 12.418	L	Russia	<u>NTV Plus</u>	package	DVB-S2	3/4	27.500 Viaccess 4.0	
			Auto Plus	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			Rossiya 24	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	
			Universal Channel Russia	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian,English
			365 dnei TV	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 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
			Kino Plus	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian,Russian
			RBK TV	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			Nashe Kino	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			REN TV	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
			Zakon 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
			Sport Plus	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			5 Kanal	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			Telekanal Domashniy	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			Muz TV	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			Bibigon	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			MTV Russia	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			TNT	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			TV Centr Moskva	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
			STS Moskva	TV	DVB-S2	3/4	27.500 Viaccess 4.0	Russian
D 12.437	H	Africa	ORTB TV	TV	DVB	3/4	23.437	French
D 12.437	H	Africa	2S TV	TV	DVB	3/4	23.437	French
D 12.437	H	Africa	LoveWorld Plus	TV	DVB	3/4	23.437	English
D 12.437	H	Africa	RDV	TV	DVB	3/4	23.437	French
D 12.437	H	Africa	La Chaîne de Futur	TV	DVB	3/4	23.437	French
D 12.437	H	Africa	RTS 1	TV	DVB	3/4	23.437	French
D 12.437	H	Africa	Touba TV	TV	DVB	3/4	23.437	French
D 12.437	R	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			Muz TV	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Sport Plus	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Rossiya 2	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Russkij Extreme	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Plus Sport Soyuz	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Plus Nash Futbol	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Plus Sport Klassika	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Plus Basketbol	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			NTV Plus Tennis	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Nostalgia	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
D 12.456	L	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			Animal Planet Russia	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			Zone Romantica Pan Europe	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Mezzo	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	French
			Music Box Ru	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			Jetix Play	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			TDK	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			National Geographic Channel Russia	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			Jetix Russia	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English
			VH1 Europe A	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	English
			Discovery Travel & Living Europe	TV	DVB	3/4	27.500 Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian,English

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

W6 (21.5°EAST)

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

W7 (36°EAST)

D 11.637	V	South Afri	<u>CCTV</u>	package	DVB	?	22.000		
			CCTV 4 Europe	TV	DVB	?	22.000	Chinese	
			CCTV F	TV	DVB	?	22.000	French	
			CCTV News English	TV	DVB	?	22.000	English	
D 11.747	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
			CBeebies South Africa	TV	DVB	3/4	27.500	Irdeto 2	English
			SuperSport 10	TV	DVB	3/4	27.500	Irdeto 2	English
			SuperSport 6	TV	DVB	3/4	27.500	Irdeto 2	English
			BBC Knowledge South Africa	TV	DVB	3/4	27.500	Irdeto 2	English
			SuperSport 3 Nigeria	TV	DVB	3/4	27.500	Irdeto 2	English
			CNBC Africa	TV	DVB	3/4	27.500	Irdeto 2	English
			Citizen TV	TV	DVB	3/4	27.500	Irdeto 2	
			SET Africa	TV	DVB	3/4	27.500	Irdeto 2	English
			CNN International	TV	DVB	3/4	27.500	Irdeto 2	English
			Max UK	TV	DVB	3/4	27.500	Irdeto 2	Hindi
			ESPN Classic Europe	TV	DVB	3/4	27.500	Irdeto 2	English
			ESPN Africa	TV	DVB	3/4	27.500	Irdeto 2	English
			Hot 96	radio	DVB	3/4	27.500	Irdeto 2	
Radio Citizen	radio	DVB	3/4	27.500	Irdeto 2				
D 11.766	L	Russia	Tricolor Internet	interacti	DVB	5/6	27.500		
D 11.785	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
			Lagos TV	TV	DVB	3/4	27.500	Irdeto 2	English
			BET UK	TV	DVB	3/4	27.500	Irdeto 2	English
			Inspiration Network International	TV	DVB	3/4	27.500	Irdeto 2	English
			NTV	TV	DVB	3/4	27.500	Irdeto 2	English
			KTN	TV	DVB	3/4	27.500	Irdeto 2	English
			Ghana TV	TV	DVB	3/4	27.500	Irdeto 2	English
			KBC Channel 1	TV	DVB	3/4	27.500	Irdeto 2	English
			Nat Geo Wild Europe	TV	DVB	3/4	27.500	Irdeto 2	English
			Islam Channel	TV	DVB	3/4	27.500	Irdeto 2	English
			KidsCo	TV	DVB	3/4	27.500	Irdeto 2	Portuguese,English
			NTV Uganda	TV	DVB	3/4	27.500	Irdeto 2	English
			TBC 1	TV	DVB	3/4	27.500	Irdeto 2	
			KBC Kiswahili Service	radio	DVB	3/4	27.500	Irdeto 2	Swahili
			KBC English Service	radio	DVB	3/4	27.500	Irdeto 2	English
			Coro FM Radio	radio	DVB	3/4	27.500	Irdeto 2	Kikuyu
			Easy FM	radio	DVB	3/4	27.500	Irdeto 2	English
			Metro FM	radio	DVB	3/4	27.500	Irdeto 2	English
QFM	radio	DVB	3/4	27.500	Irdeto 2	English			
D 11.785	R	Russia	<u>NTV Plus</u>	package	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	
			Idealnyi mir	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
D 11.804	L	Russia	Amazing Life	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			RT Español	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Spanish
			SET Eastern Europe	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			KHL TV	TV	DVB	3/4	27.500	Viaccess 2.6/Viaccess 3.0/Viaccess 4.0	Russian
			<u>Tricolor TV</u>	package	DVB-S2	3/4	27.500	DRE-Crypt	
			Interesnoe TV	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
			Kuhnya TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
			Zhenskiy Mir	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
			TV Bulvar	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
			Mir	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
			Gde i kto	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
			RGVK Dagestan	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
			Telekanal La Minor	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
			9 Volna	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
			Top Shop TV Russia	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
			Podmoskove	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
			24 Techno	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
			Mat i Ditya	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
			RBK TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
			Moya Planeta	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
			Zagorodny	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian
Zakon TV	TV	DVB-S2	3/4	27.500	DRE-Crypt	Russian			
D 11.823	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
			TiJi	TV	DVB	3/4	27.500	Irdeto 2	French
			Cinecinema Star	TV	DVB	3/4	27.500	Irdeto 2	French
			France 2	TV	DVB	3/4	27.500	Irdeto 2	French
			France 5	TV	DVB	3/4	27.500	Irdeto 2	French
			13ème Rue	TV	DVB	3/4	27.500	Irdeto 2	French
			Planète France	TV	DVB	3/4	27.500	Irdeto 2	French
			RTL 9	TV	DVB	3/4	27.500	Irdeto 2	French
			Sport +	TV	DVB	3/4	27.500	Irdeto 2	French
			Canal + Cinéma France	TV	DVB	3/4	27.500	Irdeto 2	French
			TV Mundial	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			LCI	TV	DVB	3/4	27.500	Irdeto 2	French
			SIC Internacional	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			Trace TV	TV	DVB	3/4	27.500	Irdeto 2	French
			D 11.862	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4
AIT International UK	TV	DVB				3/4	27.500	Irdeto 2	English
CCTV F	TV	DVB				3/4	27.500	Irdeto 2	French
MITV	TV	DVB				3/4	27.500	Irdeto 2	English
Eurosport News	TV	DVB				3/4	27.500	Irdeto 2	English
Silverbird TV	TV	DVB				3/4	27.500	Irdeto 2	English
Channels TV	TV	DVB				3/4	27.500	Irdeto 2	English
Soundcity Premium	TV	DVB				3/4	27.500	Irdeto 2	English
NTA International	TV	DVB				3/4	27.500	Irdeto 2	English
Iqraa	TV	DVB				3/4	27.500	Irdeto 2	Arabic
ZDF	TV	DVB				3/4	27.500	Irdeto 2	German
Metro TV	TV	DVB				3/4	27.500	Irdeto 2	
Rhythm 93.7	radio	DVB				3/4	27.500	Irdeto 2	English
Ray Power 100.5 FM	radio	DVB				3/4	27.500	Irdeto 2	English
M-Web	interacti	DVB				3/4	27.500	Irdeto 2	
D 11.881	V	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
			The History Channel South Africa	TV	DVB	3/4	27.500	Irdeto 2	English
			M-Net HD	TV	DVB	3/4	27.500	Irdeto 2	English,English
			Rhema Network	TV	DVB	3/4	27.500	Irdeto 2	English
			TV Zimbo	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			SET Asia	TV	DVB	3/4	27.500	Irdeto 2	Hindi
			Mindset Learn	TV	DVB	3/4	27.500	Irdeto 2	English
			TCM Middle East & Africa	TV	DVB	3/4	27.500	Irdeto 2	English
			SuperSport MaXimo 2	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			Urban Beat	radio	DVB	3/4	27.500	Irdeto 2	
			Rock'n'Roll Oldies	radio	DVB	3/4	27.500	Irdeto 2	
			70's Hits	radio	DVB	3/4	27.500	Irdeto 2	
			Soft Hits	radio	DVB	3/4	27.500	Irdeto 2	
			Adult Contemporary	radio	DVB	3/4	27.500	Irdeto 2	
			Smooth Jazz	radio	DVB	3/4	27.500	Irdeto 2	
Reggae	radio	DVB	3/4	27.500	Irdeto 2				
Gospel	radio	DVB	3/4	27.500	Irdeto 2				

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			French Contemporary	radio	DVB	3/4	27.500	Irdeto 2	
			Urban Adult Contemporary	radio	DVB	3/4	27.500	Irdeto 2	
			Campus Rock	radio	DVB	3/4	27.500	Irdeto 2	
			African Rhythms	radio	DVB	3/4	27.500	Irdeto 2	
			VoA Music Mix	radio	DVB	3/4	27.500	Irdeto 2	English
			Hot Traxx	radio	DVB	3/4	27.500	Irdeto 2	
			Classic Jazz	radio	DVB	3/4	27.500	Irdeto 2	
			BBC World Service 2	radio	DVB	3/4	27.500	Irdeto 2	
			BBC World Service 3	radio	DVB	3/4	27.500	Irdeto 2	
			TransAfrica Radio	radio	DVB	3/4	27.500	Irdeto 2	English
			WRN English Africa & Middle East	radio	DVB	3/4	27.500	Irdeto 2	English
			BBC World Service 1	radio	DVB	3/4	27.500	Irdeto 2	
			Symphonic	radio	DVB	3/4	27.500	Irdeto 2	
			Light Classical	radio	DVB	3/4	27.500	Irdeto 2	
			Beautiful Instrumentals	radio	DVB	3/4	27.500	Irdeto 2	
			Contemporary Instrumentals	radio	DVB	3/4	27.500	Irdeto 2	
			Classic Rock	radio	DVB	3/4	27.500	Irdeto 2	
			Dance	radio	DVB	3/4	27.500	Irdeto 2	
			Channel Islam International	radio	DVB	3/4	27.500	Irdeto 2	
D 11.900	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	1/2	26.480	Irdeto 2	
			SuperSport 4	TV	DVB	1/2	26.480	Irdeto 2	English
			SuperSport 7 Africa	TV	DVB	1/2	26.480	Irdeto 2	English
			Africa Magic Yoruba	TV	DVB	1/2	26.480	Irdeto 2	
			Magic World	TV	DVB	1/2	26.480	Irdeto 2	English
			Sky News International	TV	DVB	1/2	26.480	Irdeto 2	English
			Africa Magic Plus	TV	DVB	1/2	26.480	Irdeto 2	English
			National Geographic Channel România	TV	DVB	1/2	26.480	Irdeto 2	English
			Cartoon Network Middle East & Africa	TV	DVB	1/2	26.480	Irdeto 2	English
			SuperSport 5 Africa	TV	DVB	1/2	26.480	Irdeto 2	English
			Zone Reality South Africa	TV	DVB	1/2	26.480	Irdeto 2	English
			SuperSport Blitz	TV	DVB	1/2	26.480	Irdeto 2	English
			Africa Magic Hausa	TV	DVB	1/2	26.480	Irdeto 2	Hausa
D 11.919	V	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
			SuperSport HD	TV	DVB	3/4	27.500	Irdeto 2	English
			DSTV on Demand	TV	DVB	3/4	27.500	Irdeto 2	English
			M-Net HD	TV	DVB	3/4	27.500	Irdeto 2	English,English
			SuperSport HD Xtra	TV	DVB	3/4	27.500	Irdeto 2	English
D 11.940	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
			NHK World TV	TV	DVB	3/4	27.500	Irdeto 2	English
			Daystar TV	TV	DVB	3/4	27.500	Irdeto 2	English
			Fashion TV	TV	DVB	3/4	27.500	Irdeto 2	
			Al Jazeera English	TV	DVB	3/4	27.500	Irdeto 2	English
			Zee TV Africa	TV	DVB	3/4	27.500	Irdeto 2	Hindi
			Animal Planet Africa	TV	DVB	3/4	27.500	Irdeto 2	English
			CCTV News English	TV	DVB	3/4	27.500	Irdeto 2	English
			CCTV 4 Europe	TV	DVB	3/4	27.500	Irdeto 2	Chinese
			Boomerang Middle East & Africa	TV	DVB	3/4	27.500	Irdeto 2	English
			Guide	interacti	DVB	3/4	27.500	Irdeto 2	
D 11.958	V	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
			SIC Noticias	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			Disney Channel Portugal	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			TV Globo Internacional Europa/África	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			Afro Music Channel	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			National Geographic Channel Portugal	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			UBC TV	TV	DVB	3/4	27.500	Irdeto 2	
			TV Moçambique	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			TV Cine 2	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			TV Cine 1	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			Record Internacional Europa	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			RTP Açores	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			AXN Portugal	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			MTV Portugal	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			Antena Nacional	radio	DVB	3/4	27.500	Irdeto 2	Portuguese
D 11.977	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
			K24	TV	DVB	3/4	27.500	Irdeto 2	English
			RTP Internacional Europa	TV	DVB	3/4	27.500	Irdeto 2	Portuguese
			France 24 Français	TV	DVB	3/4	27.500	Irdeto 2	French

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.			
				Digital	FEC	MSy/s						
A 11.996	V	Sub-Sahara	Trace Tropical	TV	DVB	3/4	27.500	Irdeto 2	French			
			B4U Movies UK	TV	DVB	3/4	27.500	Irdeto 2	Hindi			
			TV 5 Monde Afrique	TV	DVB	3/4	27.500	Irdeto 2	French			
			Fine Living Network	TV	DVB	3/4	27.500	Irdeto 2	English			
			Canal + Horizons	TV	DVB	3/4	27.500	Irdeto 2	French			
			B4U Music UK	TV	DVB	3/4	27.500	Irdeto 2	English			
			EI EMEA	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			TV Brasil Internacional	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			Radio France Internationale	radio	DVB	3/4	27.500	Irdeto 2	French			
			<u>MultiChoice Africa</u>	package	DVB	?	27.500					
			TV Cine HD	TV	DVB	?	27.500	Irdeto 2	Portuguese			
			I-concerts	TV	DVB	?	27.500	Irdeto 2				
			Discovery HD Showcase	TV	DVB	?	27.500	Irdeto 2	English			
			D 12.015	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
TV Cine 3	TV	DVB				3/4	27.500	Irdeto 2	Portuguese			
EuroNews	TV	DVB				3/4	27.500	Irdeto 2	Russian			
The Style Network Emea	TV	DVB				3/4	27.500	Irdeto 2	English			
FX Portugal	TV	DVB				3/4	27.500	Irdeto 2	Portuguese			
I-concerts	TV	DVB				3/4	27.500	Irdeto 2				
Travel Channel	TV	DVB				3/4	27.500	Irdeto 2	English			
Rai Italia 3 Africa	TV	DVB				3/4	27.500	Irdeto 2	Italian			
NN 24	TV	DVB				3/4	27.500	Irdeto 2	English			
Record News	TV	DVB				3/4	27.500	Irdeto 2	Portuguese			
C Music TV	TV	DVB				3/4	27.500	Irdeto 2				
TF 6	TV	DVB				3/4	27.500	Irdeto 2	French			
SET Asia	TV	DVB				3/4	27.500	Irdeto 2	Hindi			
Fox Next	TV	DVB				3/4	27.500	Irdeto 2	Portuguese			
D 12.034	V	Sub-Sahara	Radio Okapi	radio	DVB	3/4	27.500		French			
			Rai Italia Radio	radio	DVB	3/4	27.500	Irdeto 2				
			<u>MultiChoice Africa</u>	package	DVB	?	27.500	Irdeto 2				
			Zone Reality South Africa	TV	DVB	?	27.500	Irdeto 2	English			
			EWTN Africa & South Asia	TV	DVB	?	27.500	Irdeto 2	English			
			Bio UK	TV	DVB	?	27.500	Irdeto 2	English			
			The History Channel South Africa	TV	DVB	?	27.500	Irdeto 2	English			
			D 12.054	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
						MTV Europe	TV	DVB	3/4	27.500	Irdeto 2	English
						Crime & Investigation Network UK	TV	DVB	3/4	27.500	Irdeto 2	English
						One Gospel	TV	DVB	3/4	27.500	Irdeto 2	English
						Disney Channel UK	TV	DVB	3/4	27.500	Irdeto 2	English
						M-Net Action	TV	DVB	3/4	27.500	Irdeto 2	
						MTV Base Africa	TV	DVB	3/4	27.500	Irdeto 2	English
BBC World News South Africa	TV	DVB				3/4	27.500	Irdeto 2	English			
SuperSport 2	TV	DVB				3/4	27.500	Irdeto 2	English			
M-Net Stars	TV	DVB				3/4	27.500	Irdeto 2	English			
BBC Entertainment South Africa	TV	DVB				3/4	27.500	Irdeto 2	English			
M-Net East	TV	DVB				3/4	27.500	Irdeto 2	English			
SuperSport Select	TV	DVB				3/4	27.500	Irdeto 2	English			
D 12.073	V	Sub-Sahara				<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
			TPA 2	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			Max UK	TV	DVB	3/4	27.500	Irdeto 2	Hindi			
			Sport TV África	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			Odisea	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			Fox Crime Portugal	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			Fox Life Portugal	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			Discovery World	TV	DVB	3/4	27.500	Irdeto 2	English			
			TPA 1	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			Afro Music Channel	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			Canal Panda	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			PFC Internacional	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			Fox Portugal	TV	DVB	3/4	27.500	Irdeto 2	Portuguese			
			D 12.245	H	Sub-Sahara	<u>MultiChoice Africa</u>	package	DVB	3/4	27.500	Irdeto 2	
SuperSport 3 Africa	TV	DVB				3/4	27.500	Irdeto 2	English			
Universal Channel South Africa	TV	DVB				3/4	27.500	Irdeto 2	English			
TBN Africa	TV	DVB				3/4	27.500	Irdeto 2	English			
M-Net Movies 2	TV	DVB				3/4	27.500	Irdeto 2	English			
Africa Magic	TV	DVB				3/4	27.500	Irdeto 2	English			
M-Net Series	TV	DVB				3/4	27.500	Irdeto 2	English			
Channel O	TV	DVB				3/4	27.500	Irdeto 2	English			
Discovery Channel Middle East & Africa	TV	DVB				3/4	27.500	Irdeto 2	English			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			BBC Lifestyle South Africa	TV	DVB	3/4	27.500	Irdeto 2	English
			SuperSport 1	TV	DVB	3/4	27.500	Irdeto 2	English
			M-Net Movies 1	TV	DVB	3/4	27.500	Irdeto 2	English
			M-Net West	TV	DVB	3/4	27.500	Irdeto 2	English
			SuperSport MaXimo	TV	DVB	3/4	27.500	Irdeto 2	Portuguese

SESAT 1 (16°EAST)

A 10.976	H	Fixed	<u>DigitAlb</u>	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 1	TV	DVB-S2	2/3	27.225	Conax	Albanian
			DigitAlb HD 3	TV	DVB-S2	2/3	27.225	Conax	Albanian
			DigitAlb HD 2	TV	DVB-S2	2/3	27.225	Conax	Albanian
D 11.055	V	Fixed	<u>DigitAlb</u>	package	DVB	2/3	27.900	Conax	
			Digi Plus	TV	DVB	2/3	27.900	Conax	Albanian
			Junior TV	TV	DVB	2/3	27.900	Conax	Albanian
			Top News	TV	DVB	2/3	27.900	Conax	Albanian
			My Music	TV	DVB	2/3	27.900	Conax	Albanian
			Bang Bang	TV	DVB	2/3	27.900	Conax	Albanian
			Çufo	TV	DVB	2/3	27.900	Conax	Albanian
			Top Channel	TV	DVB	2/3	Y 27.900	Conax	Albanian
			Explorer Shkencë	TV	DVB	2/3	27.900	Conax	Albanian
			Explorer Natyra	TV	DVB	2/3	27.900	Conax	Albanian
			Film Autor	TV	DVB	2/3	27.900	Conax	English,Italian
			Explorer Histori	TV	DVB	2/3	27.900	Conax	Albanian
			Top Gold	radio	DVB	2/3	27.900	Conax	Albanian
			Top Albania Radio	radio	DVB	2/3	27.900		Albanian
			Radio My Music	radio	DVB	2/3	27.900		Albanian
D 11.095	H	Fixed	<u>Total TV</u>	package	DVB	2/3	27.300	Cryptoworks/Videoguard	
			Kanal D	TV	DVB	2/3	27.300	Videoguard	Serbian
			Arena Sport 3	TV	DVB	2/3	27.300	Videoguard	Serbian
			Pink Folk	TV	DVB	2/3	27.300	Cryptoworks/Videoguard	Serbian
			MTV Adria	TV	DVB	2/3	Y 27.300	Videoguard	English
			Free-X TV	TV	DVB	2/3	27.300	Cryptoworks/Videoguard	English
			The MGM Channel East Europe	TV	DVB	2/3	27.300	Videoguard	English
			TV Spectrum	TV	DVB	2/3	27.300		Serbian
			Discovery Travel & Living Europe	TV	DVB	2/3	27.300	Cryptoworks/Videoguard	English
			Motors TV	TV	DVB	2/3	27.300	Videoguard	English,Serbian
			Viasat Nature East	TV	DVB	2/3	27.300	Cryptoworks/Videoguard	English
			The Fishing and Hunting Channel South East Europe	TV	DVB	2/3	27.300	Videoguard	English
			Zone Romantica Pan Europe	TV	DVB	2/3	27.300	Videoguard	English
D 11.138	H	Balkan	<u>Total TV</u>	package	DVB	3/4	27.700	Conax/Cryptoworks/Videoguard	
			Fox Life Regional	TV	DVB	3/4	27.700	Conax/Cryptoworks/Videoguard	English
			Fox Life Bulgaria	TV	DVB	3/4	27.700	Conax/Cryptoworks/Videoguard	Bulgarian
			Fan TV	TV	DVB	3/4	27.700		Bulgarian
			Nova TV	TV	DVB	3/4	Y 27.700	Conax/Cryptoworks/Videoguard	Bulgarian
			BBT	TV	DVB	3/4	27.700	Conax/Cryptoworks/Videoguard	Bulgarian
			MTV Europe	TV	DVB	3/4	27.700	Cryptoworks/Videoguard	English
			BTV Cinema	TV	DVB	3/4	27.700	Cryptoworks/Videoguard	Bulgarian
			TV Evropa	TV	DVB	3/4	27.700	Cryptoworks/Videoguard	Bulgarian
			Fox Crime Bulgaria	TV	DVB	3/4	27.700	Cryptoworks/Videoguard	Bulgarian
			Balkanika Music TV	TV	DVB	3/4	27.700		
			NBT	TV	DVB	3/4	27.700	Conax/Cryptoworks/Videoguard	Bulgarian
			Fox Crime Regional	TV	DVB	3/4	27.700	Conax/Cryptoworks/Videoguard	English
			ESPN America Europe	TV	DVB	3/4	27.700	Cryptoworks/Videoguard	English
			NKTV Evrokomb	TV	DVB	3/4	Y 27.700	Conax/Cryptoworks/Videoguard	Bulgarian
			Radio Fles	radio	DVB	3/4	27.700		Serbian
			Ok Radio	radio	DVB	3/4	27.700		Serbian
			Radio 1 Rock	radio	DVB	3/4	27.700		Bulgarian
			Radio Srbija	radio	DVB	3/4	27.700		
			Radio Veronika	radio	DVB	3/4	27.700		Bulgarian
			Darik Radio	radio	DVB	3/4	27.700		Bulgarian
			Jazz FM Radio	radio	DVB	3/4	27.700		Bulgarian
			Hristo Botev	radio	DVB	3/4	27.700		Bulgarian
			Radio Z-Rock	radio	DVB	3/4	27.700		Bulgarian
D 11.178	V	Balkan	<u>Total TV</u>	package	DVB	3/4	27.500	Cryptoworks/Irdeto 2/Videoguard	
			Pink BH	TV	DVB	3/4	Y 27.500	Irdeto 2/Videoguard	Serbian
			FTV SEE	TV	DVB	3/4	27.500		
			Pink Family	TV	DVB	3/4	27.500	Irdeto 2/Videoguard	Serbian

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This document is provided for information purposes. No responsibility is taken for errors or omissions. Please note that most digital set top boxes (satellite receivers) are now fitted with a child protection function to prevent underage viewing of adult content. Features may vary according to manufacturer and model type but most boxes allow you to block unsuitable content. Contact your local dealer or installer to find out more.
Eutelsat S.A. - 70 rue Balard 75502 PARIS CEDEX 15 - Tel: 0153984747 - Fax: 0153983700 <http://www.eutelsat.com>

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.	
				Digital	FEC				
D 11.475	V	Balkan	PinkKids	TV	DVB	3/4	27.500	Irdeto 2/Videoguard	Serbian
			Pink Music	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2/Videoguard	Serbian
			Pink Film	TV	DVB	3/4	27.500	Irdeto 2/Videoguard	Serbian
			Pink Movies	TV	DVB	3/4	27.500	Irdeto 2/Videoguard	Serbian
			Pink Action	TV	DVB	3/4	27.500	Irdeto 2/Videoguard	Serbian
			Pink M	TV	DVB	3/4	Y 27.500	Irdeto 2/Videoguard	Serbian
			Pink Extra	TV	DVB	3/4	27.500	Cryptoworks/Irdeto 2/Videoguard	Serbian
			Pink Plus	TV	DVB	3/4	Y 27.500	Cryptoworks/Irdeto 2/Videoguard	Serbian
			Pink Srbija	TV	DVB	3/4	Y 27.500	Irdeto 2/Videoguard	Serbian
			Radio Index	radio	DVB	3/4	27.500		Serbian
			Pink Radio	radio	DVB	3/4	27.500		Serbian
			<u>TV Romania</u>	package	DVB	3/4	29.950		
			TVR 2	TV	DVB	3/4	Y 29.950	Viaccess 2.6	Romanian
			TVR International	TV	DVB	3/4	Y 29.950		Romanian
			TVR Info	TV	DVB	3/4	Y 29.950		Romanian
			TVR 3	TV	DVB	3/4	Y 29.950		Romanian
			TVR 1	TV	DVB	3/4	Y 29.950	Viaccess 2.6	Romanian
			TVR Cultural	TV	DVB	3/4	Y 29.950		Romanian
			Radio România International	radio	DVB	3/4	29.950		
			România în direct	radio	DVB	3/4	29.950		Romanian
D 11.557	V	Balkan	<u>TV Romania</u>	package	DVB	3/4	29.950		
			TVR Cluj	TV	DVB	3/4	Y 29.950		Romanian
			TVR Craiova	TV	DVB	3/4	Y 29.950		Romanian
			TVR Iasi	TV	DVB	3/4	Y 29.950		Romanian
			TVR Timisoara	TV	DVB	3/4	Y 29.950		Romanian
			TVR Tirgu-Mures	TV	DVB	3/4	Y 29.950		Romanian
			TVR HD	TV	DVB	3/4	29.950	Viaccess 2.6	Romanian
D 11.658	H	Fixed	<u>DigitAlb</u>	package	DVB	2/3	27.900	Conax	
			Film Dramă	TV	DVB	2/3	27.900	Conax	English,Italian
			Film Thriller	TV	DVB	2/3	27.900	Conax	English,Italian
			Big Brother Albania 2	TV	DVB	2/3	27.900	Conax	Albanian
			Star Academy Albania	TV	DVB	2/3	27.900	Conax	
			Film Aksion	TV	DVB	2/3	27.900	Conax	English,Italian
			Film Komedi	TV	DVB	2/3	27.900	Conax	English,Italian
			X1	TV	DVB	2/3	27.900	Conax	Albanian
			X2	TV	DVB	2/3	27.900	Conax	Albanian
			T	TV	DVB	2/3	27.900	Conax	Albanian
			Big Brother Albania 1	TV	DVB	2/3	27.900	Conax	Albanian
			Film Hits	TV	DVB	2/3	27.900	Conax	English,Italian
			Top Gold	radio	DVB	2/3	27.900		Albanian
			<u>STN</u>	package	DVB	3/4	30.000		
			MKTV Sat	TV	DVB	3/4	30.000		Macedonian
			K-15 Music	TV	DVB	3/4	30.000		Macedonian
			Svet Plus	TV	DVB	3/4	Y 30.000		Serbian
TV Duga Sat	TV	DVB	3/4	30.000		Serbian			
EKids	TV	DVB	3/4	30.000		Bulgarian			
Folklor TV	TV	DVB	3/4	30.000		Bulgarian			
TV Valentino	TV	DVB	3/4	30.000		Bosnian			
D 12.525	H	Fixed	AB Kanal	TV	DVB	3/4	30.000	Irdeto 2/Videoguard	Macedonian
			JRT	TV	DVB	3/4	30.000		Serbian
			Sitel 3	TV	DVB	3/4	30.000	Irdeto 2/Videoguard	Macedonian
			Alfa TV	TV	DVB	3/4	Y 30.000	Irdeto 2/Videoguard	Macedonian
			K-15 TV	TV	DVB	3/4	30.000		Macedonian
			Best of Macedonia	TV	DVB	3/4	30.000		Macedonian
			Sitel TV	TV	DVB	3/4	30.000	Irdeto 2/Videoguard	Macedonian
			Astro	TV	DVB	3/4	30.000		Serbian
			EBF	TV	DVB	3/4	30.000		Bulgarian
			Kiss Rom	radio	DVB	3/4	30.000		Serbian
			Kiss Radio	radio	DVB	3/4	30.000		Serbian
			Stil Radio	radio	DVB	3/4	30.000		
			Posavski Radio	radio	DVB	3/4	30.000		Croatian
			Radio Svet Plus	radio	DVB	3/4	30.000		Serbian
			Yu Planet Radio	radio	DVB	3/4	30.000		Serbian
			Vikom Radio	radio	DVB	3/4	30.000		
			Radio Glas Drine	radio	DVB	3/4	30.000		Bosnian
			VIP Radio	radio	DVB	3/4	30.000		Serbian
			Radio Grand	radio	DVB	3/4	30.000		Serbian
			Radio Valentino	radio	DVB	3/4	30.000		Bosnian
			Radio Ognjisce	radio	DVB	3/4	30.000		Slovenian
			Radio 1	radio	DVB	3/4	30.000		Slovenian

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
			Radio Romsko Srce	radio	DVB	3/4	30.000		
			Radio Posavina	radio	DVB	3/4	30.000		Croatian
			Radio Izvor	radio	DVB	3/4	30.000		Bosnian
			Radio Koktel	radio	DVB	3/4	30.000		Bosnian
			Doina Radio	radio	DVB	3/4	30.000		Serbian
			Top 3 Radio	radio	DVB	3/4	30.000		Serbian
			Radio Biser Posavine	radio	DVB	3/4	30.000		
			Radio Plehan	radio	DVB	3/4	30.000		Croatian
			Kiss Extra	radio	DVB	3/4	30.000		

W2M (16°EAST)

D 10.972	V	Wide	<u>Total TV</u>	package	DVB	3/4	27.500	Cryptoworks/Videoguard	
			Viasat Explorer	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	English
			Eurosport	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Serbian,English,Bulgarian
			E! EMEA	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	English
			X-Dream TV	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	English
			Free-X TV 2	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	English
			Discovery Channel Europe	TV	DVB	3/4	27.500	Videoguard	English
			Minimax Romania	TV	DVB	3/4	27.500	Videoguard	Serbian
			Cinemax Central Europe	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Serbian,Croatian,Slovenian,Bulgarian
			Viasat History	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	English
			Film + Serbia	TV	DVB	3/4	27.500	Videoguard	Serbian
			Animal Planet Europe	TV	DVB	3/4	27.500	Videoguard	English
			Sci Fi Channel East Europe	TV	DVB	3/4	27.500	Videoguard	English
			TV 1000 Balkan	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	English
D 11.011	V	Wide	<u>Total TV</u>	package	DVB	3/4	27.500	Conax/Cryptoworks/Videoguard	
			VTV	TV	DVB	3/4	27.500		Bulgarian
			BTV	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Bulgarian
			Pro.bg	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Bulgarian
			TV 7	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Bulgarian
			Discovery Channel Bulgaria	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Bulgarian,English
			Diema 2	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Bulgarian
			National Geographic Channel Bulgaria	TV	DVB	3/4	27.500	Conax/Cryptoworks/Videoguard	English,Bulgarian
			BNT 1	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Bulgarian
			Hustler TV Europe	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	English
			BNT Sat	TV	DVB	3/4	27.500		Bulgarian
			Disney Channel Romania & Bulgaria	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Bulgarian,Romanian
			Diema	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Bulgarian
			Premium Digital	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Bulgarian
			Fiesta TV	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Bulgarian
			Animal Planet Europe	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	English
			Ring.bg	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Bulgarian
			Diema F	TV	DVB	3/4	27.500	Cryptoworks/Videoguard	Bulgarian
			Horizont	radio	DVB	3/4	27.500		Bulgarian
			Radyo Lojik	radio	DVB	3/4	27.500		Turkish
D 11.283	H	Wide	<u>Tring Digital</u>	package	DVB	5/6	27.500	Conax	
			Tring Sport News	TV	DVB	5/6	27.500	Conax	Albanian
			RTV 21 Sat	TV	DVB	5/6	27.500	Conax	Albanian
			Vizion Plus	TV	DVB	5/6	27.500		Albanian
			Tring Life	TV	DVB	5/6	27.500	Conax	Albanian
			Club TV	TV	DVB	5/6	27.500	Conax	Albanian
			Tring Super	TV	DVB	5/6	27.500	Conax	Albanian
			Folk +	TV	DVB	5/6	27.500		Albanian
			3 Plus	TV	DVB	5/6	27.500	Conax	Albanian
			Tring World	TV	DVB	5/6	27.500	Conax	Albanian
			Tring Shqip	TV	DVB	5/6	27.500	Conax	Albanian
			VH1 Europe A	TV	DVB	5/6	27.500	Conax	English
			Tring Comedy	TV	DVB	5/6	27.500	Conax	Albanian
			MTV Europe	TV	DVB	5/6	27.500	Conax	English
			Tring Max	TV	DVB	5/6	27.500	Conax	Albanian
			Kohavision	TV	DVB	5/6	27.500	Conax	Albanian
			Scan TV	TV	DVB	5/6	27.500	Conax	Albanian
			Hustler TV Europe	TV	DVB	5/6	27.500	Conax	English
			Tring Planet	TV	DVB	5/6	27.500	Conax	English
			Kanali 7	TV	DVB	5/6	27.500		Albanian
			Tring Tring	TV	DVB	5/6	27.500	Conax	Albanian
			VIP Shpija	TV	DVB	5/6	27.500	Conax	Albanian
			Disney XD Middle East	TV	DVB	5/6	27.500	Conax	English

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio	Text	Access	Lang.			
				Digital	FEC	MHz						
D 11.492	H	Madagascar	+2 Radio	radio	DVB	5/6	27.500					
			Club FM	radio	DVB	5/6	27.500		Albanian			
			<u>Parabole Océan Indien</u>	package	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5				
			Cinecinema Famiz	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			Téva	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			TF 1	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			Cinecinema Émotion	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			Cinecinema Star	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			Cinecinema Frisson	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			Cinecinema Premier	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			RTL 9	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			Disney XD France	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			SuperSport 3 Africa	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		English		
			Mangas	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			Série Club	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			Cinecinema Classic	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			TéléToon France	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			RFO Tempo	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			TF 6	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			Antenne Réunion	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			Discovery Channel France	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			Télé Réunion	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			Discovery Real Time France	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			BFM TV	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			Noot TV	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			Chasse & Pêche	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			RER	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			NRJ Réunion	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			Koi FM	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			Kréol FM	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			Exo FM	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			Radio One	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			Chérie FM	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			Radio Festival	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5		French		
			D 11.554	H	Madagascar	<u>CanalSat Réunion</u>	package	DVB	3/4	30.000	Mediaguard 2	
						TCM France	TV	DVB	3/4	30.000	Mediaguard 2	French,English
						↳Télé	TV	DVB	3/4	30.000	Mediaguard 2	French
						Voyage	TV	DVB	3/4	30.000	Mediaguard 2	French
						+ de Sport 2	TV	DVB	3/4	30.000	Mediaguard 2	French
						Planète France	TV	DVB	3/4	30.000	Mediaguard 2	French
MCM France	TV	DVB				3/4	30.000	Mediaguard 2	French			
Canal J	TV	DVB				3/4	30.000	Mediaguard 2	French			
RFO Tempo	TV	DVB				3/4	30.000	Mediaguard 2	French			
Eurosport France	TV	DVB				3/4	30.000	Mediaguard 2	French			
TMC	TV	DVB				3/4	30.000	Mediaguard 2	French			
TV 5 Monde Afrique	TV	DVB				3/4	30.000	Mediaguard 2	French			
W9	TV	DVB				3/4	30.000	Mediaguard 2	French			
L'Équipe TV	TV	DVB				3/4	30.000	Mediaguard 2	French			
13ème Rue	TV	DVB				3/4	30.000	Mediaguard 2	French			
Trace TV	TV	DVB				3/4	30.000	Mediaguard 2	French			
Disney Channel France	TV	DVB				3/4	30.000	Mediaguard 2	French			
Paris Première	TV	DVB				3/4	30.000	Mediaguard 2	French			
LCI	TV	DVB				3/4	30.000	Mediaguard 2	French			
France Ô	TV	DVB				3/4	30.000	Mediaguard 2	French			
D 11.596	H	Madagascar	<u>Parabole Océan Indien</u>	package	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5				
			Eurosport France	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			AB Moteurs	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			Star Plus	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	Hindi			
			M6 Music Hits	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			SuperSport 7 Africa	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	English			
			LCI	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			TPS Star	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			Eurosport 2	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			TV Breizh	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5				
			InfoSport	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			Odyssée	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			Equidia	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			Planète Justice	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
			LCP	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French			
CNN International	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	English						

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			Disney XD France	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			M6 Music Black	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Escales	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Comedie	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			M6	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			TPS Foot	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Piwi	TV	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Radio Classique	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			RTL	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Europe 1 Sport	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			RCF	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Free Dom	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Radio Plus FM	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Radio Réunion	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Nostalgie la légende	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Gasy Radio	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Radio Tana	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Top FM	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Radio Musique Infos Mayotte	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French
			Europe 1	radio	DVB	3/4	29.950	Viaccess 2.3/Viaccess 2.5	French

ATLANTIC BIRD™ 1 (12.5°WEST)

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

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This document is provided for information purposes. No responsibility is taken for errors or omissions. Please note that most digital set top boxes (satellite receivers) are now fitted with a child protection function to prevent underage viewing of adult content. Features may vary according to manufacturer and model type but most boxes allow you to block unsuitable content. Contact your local dealer or installer to find out more.

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

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.	
				Digital	FEC				
D 11.554	V	Middle Eas	Al Yawm	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			Fann	TV	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Arabic
			DWLS FM	radio	DVB	3/4	27.500	Irdeto 2/Mediaguard 2	Tagalog
			<u>Gulfsat</u>	package	DVB	3/4	27.500		
			Alwatan TV	TV	DVB	3/4	27.500		Arabic
			Al Shahid TV	TV	DVB	3/4	27.500		Arabic
			Q8 Vote promo	TV	DVB	3/4	27.500		Arabic
			Al-Zahra TV	TV	DVB	3/4	27.500		Arabic
			Ana TV Channel	TV	DVB	3/4	27.500		
			Al Bawadi	TV	DVB	3/4	27.500		
			Alwatan Plus	TV	DVB	3/4	27.500		Arabic
			Channel 4 Teen	TV	DVB	3/4	27.500		
			Al-Arab Channel	TV	DVB	3/4	27.500		Arabic
			Suhail TV	TV	DVB	3/4	27.500		
			Alwatan Ghanawi TV	TV	DVB	3/4	27.500		Arabic
Rawasy TV	TV	DVB	3/4	27.500		Arabic			
D 11.595	V	Middle Eas	<u>Gulfsat</u>	package	DVB	3/4	27.500		
			Ritmo TV	TV	DVB	3/4	27.500		Arabic
			Alatta TV promo	TV	DVB	3/4	27.500		Arabic
			Ebony promo	TV	DVB	3/4	27.500		Arabic
			Tayba TV	TV	DVB	3/4	27.500		Arabic
			Al Awhad	TV	DVB	3/4	27.500		Arabic
			Alwatan Galtah	TV	DVB	3/4	27.500		Arabic
			Al Anwar TV 2	TV	DVB	3/4	27.500		Arabic

ATLANTIC BIRD™ 3 (5°WEST)

D 10.972	V	Super	<u>Fransat</u>	package	DVB	7/8	29.950	Viaccess 4.0	
			France 3 Côte d'Azur	TV	DVB	7/8	29.950	Viaccess 4.0	French
			France 3 Franche-Comté	TV	DVB	7/8	29.950	Viaccess 4.0	French
			France 3 Aquitaine	TV	DVB	7/8	29.950	Viaccess 4.0	French
			France 3 Auvergne	TV	DVB	7/8	29.950	Viaccess 4.0	French
			TéléGrenoble Isère	TV	DVB	7/8	29.950		French
			France 3 Grenoble	TV	DVB	7/8	29.950	Viaccess 4.0	French
			France 3 Nord-Pas de Calais	TV	DVB	7/8	29.950	Viaccess 4.0	French
			France 3 Lyon	TV	DVB	7/8	29.950	Viaccess 4.0	French
			France 3 Languedoc	TV	DVB	7/8	29.950	Viaccess 4.0	French
			France 3 Basse-Normandie	TV	DVB	7/8	29.950	Viaccess 4.0	French
			France 3 Picardie	TV	DVB	7/8	29.950	Viaccess 4.0	French
			France 3 Limousin	TV	DVB	7/8	29.950	Viaccess 4.0	French
			France 3 Bourgogne	TV	DVB	7/8	29.950	Viaccess 4.0	French
			D 11.054	V	Super	<u>Eutelsat</u>	package	DVB	7/8
France 3 Midi-Pyrénées	TV	DVB				7/8	29.950	Viaccess 4.0	French
France 3 Corse Via Stella	TV	DVB				7/8	29.950	Viaccess 4.0	French
France 3 Alsace	TV	DVB				7/8	29.950	Viaccess 4.0	French
France 3 Haute-Normandie	TV	DVB				7/8	29.950	Viaccess 4.0	French
France 3 Bretagne	TV	DVB				7/8	29.950	Viaccess 4.0	French
France 3 Champagne-Ardenne	TV	DVB				7/8	29.950	Viaccess 4.0	French
France 3 Poitou-Charentes	TV	DVB				7/8	29.950	Viaccess 4.0	French
Ma Chaîne Étudiante	TV	DVB				7/8	29.950	Viaccess 4.0	French
France 3 Centre	TV	DVB				7/8	29.950	Viaccess 4.0	French
France 3 Provence-Alpes	TV	DVB				7/8	29.950	Viaccess 4.0	French
France 3 Pays de la Loire	TV	DVB				7/8	29.950	Viaccess 4.0	French
France 3 Lorraine	TV	DVB				7/8	29.950	Viaccess 4.0	French
Equidia	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0	French
France 3 Paris IdF	TV	DVB				7/8	29.950	Viaccess 4.0	French
D 11.065	H	Algeria	<u>TDA</u>	package	DVB	3/4	18.085		
			Canal Algérie	TV	DVB	3/4	18.085		Arabic
			Thalitha TV	TV	DVB	3/4	18.085		Arabic
			ENTV	TV	DVB	3/4	18.085	BISS	Arabic
			Algérie 4	TV	DVB	3/4	18.085		
			Algérie 5	TV	DVB	3/4	18.085		Arabic
			Chaîne 3	radio	DVB	3/4	18.085		French
			Radio Jijel	radio	DVB	3/4	18.085		
			Radio Algérie Internationale	radio	DVB	3/4	18.085		
			Radio Tlemcen	radio	DVB	3/4	18.085		
			Radio Sahel	radio	DVB	3/4	18.085		
			Radio Naama	radio	DVB	3/4	18.085		
			Radio Batna	radio	DVB	3/4	18.085		
			Radio Illizi	radio	DVB	3/4	18.085		

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.					
				Digital	FEC	MSy/s								
D 11.096	V	Super	Radio Saoura	radio	DVB	3/4	18.085							
			Radio Essouhoub	radio	DVB	3/4	18.085							
			Radio Tindouf	radio	DVB	3/4	18.085			Arabic				
			Radio Gharadaia	radio	DVB	3/4	18.085			Arabic				
			Radio Ahaggar	radio	DVB	3/4	18.085			Arabic				
			Chaîne 2	radio	DVB	3/4	18.085			Berber				
			Radio Souk Ahras	radio	DVB	3/4	18.085			Arabic				
			Radio Souf	radio	DVB	3/4	18.085							
			Chaîne 1	radio	DVB	3/4	18.085			Arabic				
			Radio Adrar	radio	DVB	3/4	18.085			Arabic				
			<u>Fransat</u>	package	DVB	7/8	29.950	Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0						
			Normandie TV	TV	DVB	7/8	29.950			French				
			NRJ Paris	TV	DVB	7/8	29.950			French				
			France Ô	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0			French			
			KTO	TV	DVB	7/8	29.950			French				
			TV 8 Mont Blanc	TV	DVB	7/8	29.950			French				
			M6	TV	DVB	7/8	29.950	Viaccess 4.0			French			
			France 2	TV	DVB	7/8	29.950	Viaccess 2.6/Viaccess 4.0			French			
			TF 1	TV	DVB	7/8	29.950	Viaccess 4.0			French			
D 11.471	V	Super	ARTE Français	TV	DVB	7/8	29.950	Viaccess 4.0		French,German				
			<u>Orange</u>	package	DVB-S2	2/3	29.950	Viaccess 3.0						
			M6	TV	DVB-S2	2/3	29.950	Viaccess 3.0			French			
			Orange cinemax	TV	DVB-S2	2/3	29.950	Viaccess 3.0			French,English			
			Orange sport	TV	DVB-S2	2/3	29.950	Viaccess 3.0			French			
			↳Télé	TV	DVB-S2	2/3	29.950	Viaccess 3.0			French			
			W9	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 cinechoc	TV	DVB-S2	2/3	29.950	Viaccess 3.0			French,English			
			Orange cinehappy	TV	DVB-S2	2/3	29.950	Viaccess 3.0			French,English			
			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 cinenovo	TV	DVB-S2	2/3	29.950	Viaccess 3.0			French,English			
			Canal + France	TV	DVB-S2	2/3	29.950	Viaccess 3.0			French,Hungarian			
			Orange sport	TV	DVB-S2	2/3	29.950	Viaccess 3.0			French			
			D 11.512	V	Super	<u>Bis</u>	package	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0			
						Chasse & Pêche	TV	DVB	7/8	29.950	Viaccess 2.5			French
						TV 5 Monde FBS	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0			French
						Action	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0			French
Ciné FX	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0			French			
Ciné Polar	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0			French			
Dorcel TV	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0			French,German,English			
Toute l'Histoire	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0			French			
Orange sport info	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0			French			
XXL	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0			French			
Animaux	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0			French			
Game One	TV	DVB				7/8	29.950	Viaccess 2.5			French			
AB Moteurs	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0			French			
AB 1	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0			French			
Mangas	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0			French			
RTL 9	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0			French			
Ciné First	TV	DVB				7/8	29.950	Viaccess 2.5			French			
Encyclo	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0			French			
Escales	TV	DVB				7/8	29.950	Viaccess 2.5/Viaccess 3.0			French			
D 11.554	V	Super	<u>Fransat</u>	package	DVB	7/8	29.950	Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0						
			TF 1	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0			French			
			↳Télé	TV	DVB	7/8	29.950	Viaccess 4.0			French			
			BFM TV	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0			French			
			France 4	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 2.6/Viaccess 3.0/Viaccess 4.0			French			
			NRJ 12	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0			French			
			NT1	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0			French			
			TMC	TV	DVB	7/8	29.950				French			
			W9	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0			French			
			Direct 8	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0			French			
			M6	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0			French			
			ARTE Français	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0			French,German			
			Virgin 17	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0			French			
			Gulli	TV	DVB	7/8	29.950	Viaccess 2.5/Viaccess 3.0/Viaccess 4.0			French			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
D 11.591	V	Super	<u>France TV</u>	package	DVB	2/3	20.000		
			France 2	TV	DVB	2/3	20.000		French
			France 3 Sat	TV	DVB	2/3	Y 20.000		French
			France 5	TV	DVB	2/3	20.000		French
			LCP	TV	DVB	2/3	20.000		French
A 11.637	V	Super	TF 1 3D	TV	DVB-S2	2/3	30.000	Viaccess 4.0	French
A 12.522	V	Super	M6	TV	SECAM	5.80	Y		French
D 12.543	H	Super	<u>GlobeCast</u>	package	DVB	3/4	27.500		
			Fréquence Conforama	radio	DVB	3/4	27.500		French
			France Bleu Île de France	radio	DVB	3/4	27.500		French
			RCF Jerico Nancy	radio	DVB	3/4	27.500		French
			RCF Bordeaux	radio	DVB	3/4	27.500		French
			RCF Haute Alpes	radio	DVB	3/4	27.500		French
			RCF Besançon	radio	DVB	3/4	27.500		French
			Fréquence But	radio	DVB	3/4	27.500		French
			SPAR Live	radio	DVB	3/4	27.500	Viaccess 2.4	
			Radio Soleil	radio	DVB	3/4	27.500		
			Radio GiFi	radio	DVB	3/4	27.500		
			France Bleu	radio	DVB	3/4	27.500		French
			RCF Reims Ardennes	radio	DVB	3/4	27.500		French
			France Bleu Frequenza Mora	radio	DVB	3/4	27.500		French
			Lloydspharmacy Live	radio	DVB	3/4	27.500	Viaccess 2.4	
			FIP	radio	DVB	3/4	27.500		French
			RCF Région 26	radio	DVB	3/4	27.500		French
			RCF Vivarais	radio	DVB	3/4	27.500		French
			RCF Pays d'Aude	radio	DVB	3/4	27.500		French
			RCF Berry	radio	DVB	3/4	27.500		French
			RCF Saint Martin	radio	DVB	3/4	27.500		French
			Capytol	radio	DVB	3/4	27.500		French
			RCF Pays de l'Ain	radio	DVB	3/4	27.500		French
			RCF Haute Normandie	radio	DVB	3/4	27.500		French
			RCF Région 41	radio	DVB	3/4	27.500		French
			RCF Savoie	radio	DVB	3/4	27.500		French
			RCF	radio	DVB	3/4	27.500		French
			RCF Lyon Fourvière	radio	DVB	3/4	27.500		French
			RCF Le Puy en Velay	radio	DVB	3/4	27.500		French
			RCF Lumières	radio	DVB	3/4	27.500		French
			RCF Haute Savoie	radio	DVB	3/4	27.500		French
			RCF Parabole Dijon	radio	DVB	3/4	27.500		French
			RCF Correze	radio	DVB	3/4	27.500		French
A 12.564	V	Super	France 2	TV	SECAM	5.80	Y		French
A 12.606	V	Super	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	6.0,7.02/7.20	Y	Nagravision	French
A 12.690	V	Super	TF 1	TV	SECAM	5.80	Y		French
D 12.711	H	Wide	<u>ABS-CBN</u>	package	DVB	1/2	30.000	Irdeto 2	
			Cinema One	TV	DVB	1/2	30.000	Irdeto 2	Tagalog
			Kapamilya Channel	TV	DVB	1/2	30.000	Irdeto 2	Tagalog
			TFC Europe	TV	DVB	1/2	30.000	Irdeto 2	Tagalog
			ANC	TV	DVB	1/2	30.000	Irdeto 2	English
			DZMM TeleRadyo	TV	DVB	1/2	30.000	Irdeto 2	Tagalog
			TFC Middle East	TV	DVB	1/2	30.000	Irdeto 2	Tagalog
			DZMM	radio	DVB	1/2	30.000	Irdeto 2	Tagalog
			Tambayan 101.9	radio	DVB	1/2	30.000	Irdeto 2	Tagalog
A 12.732	V	Super	France 3 Sat	TV	SECAM	5.80	Y		French

ATLANTIC BIRD™ 4A (7°WEST)

D 10.719	V	Middle Eas	<u>Nilesat</u>	package	DVB	3/4	27.500		
			Al Mansour TV	TV	DVB	3/4	27.500		Arabic
			Al Faraeen TV	TV	DVB	3/4	27.500		Arabic
			Korea TV	TV	DVB	3/4	27.500		Arabic
			Al Shabab TV	TV	DVB	3/4	27.500		Arabic
			Press TV	TV	DVB	3/4	27.500		English
			Ahlulbayt Satellite Channel	TV	DVB	3/4	27.500		Arabic
			Majan	TV	DVB	3/4	27.500		Arabic
			Al Afasy Quran	TV	DVB	3/4	27.500		Arabic
			Baraem	TV	DVB	3/4	27.500		Arabic
			Tawasul TV	TV	DVB	3/4	27.500		Arabic
D 10.758	V	Middle Eas	<u>Nilesat</u>	package	DVB	3/4	27.500		

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

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
			Auto 1 TV	TV	DVB	3/4	27.500		Arabic
			Al Maaly TV	TV	DVB	3/4	27.500		Arabic
			Al Soyoof TV	TV	DVB	3/4	27.500		Arabic
			Bin Othaimen	TV	DVB	3/4	27.500		Arabic
			Education Channel 5	TV	DVB	3/4	27.500		Arabic
			Sada TV	TV	DVB	3/4	27.500		Arabic
			Motor TV	TV	DVB	3/4	27.500		Arabic
			Almajd Al Hadeeth Al Nabawy	TV	DVB	3/4	27.500		Arabic
			Future International	TV	DVB	3/4	27.500		Arabic
			OK TV	TV	DVB	3/4	27.500		Arabic
			Safa TV	TV	DVB	3/4	27.500		Arabic
			Mawaheb wa Afkar	TV	DVB	3/4	27.500		Arabic
			Education Channel 6	TV	DVB	3/4	27.500		Arabic
D 10.775	H	Middle Eas	<u>Nilesat</u>	package	DVB	3/4	27.500		
			Cairo Drama	TV	DVB	3/4	27.500		Arabic
			Waseet TV	TV	DVB	3/4	27.500		Arabic
			Tunisie 21	TV	DVB	3/4	27.500		Arabic
			Al Iraq Al Tarbawiyah	TV	DVB	3/4	27.500		Arabic
			Cairo Cinema	TV	DVB	3/4	27.500		Arabic
			Al-Qiethara TV	TV	DVB	3/4	27.500		Arabic
			Panorama Drama 2	TV	DVB	3/4	27.500		Arabic
			Al Sehab wa al Jamal TV	TV	DVB	3/4	27.500		Arabic
			Al Farashah	TV	DVB	3/4	27.500		Arabic
			Al Ghadeer Satellite Channel	TV	DVB	3/4	27.500		Arabic
			Diewan Alarab TV	TV	DVB	3/4	27.500		Arabic
D 10.796	V	Middle Eas	<u>Nilesat</u>	package	DVB	3/4	27.500		
			Al Khalijiyah	TV	DVB	3/4	27.500		Arabic
			Al Tejariah TV	TV	DVB	3/4	27.500		Arabic
			Al Amaken Satellite Channel	TV	DVB	3/4	27.500		Arabic
			Oman TV 2	TV	DVB	3/4	27.500		Arabic
			KurdSat	TV	DVB	3/4	27.500		Kurdish
			Al Mukhtalif	TV	DVB	3/4	27.500		Arabic
			Al Emarah	TV	DVB	3/4	27.500		Arabic
			Addounia TV	TV	DVB	3/4	27.500		Arabic
			Zagros TV	TV	DVB	3/4	27.500		Kurdish
			TV Alahad	TV	DVB	3/4	27.500		Arabic
			Melody Tunes	TV	DVB	3/4	27.500		English
			Tunisie 7	TV	DVB	3/4	27.500		Arabic
			Massaya TV	TV	DVB	3/4	27.500		Arabic
			Radio Nationale	radio	DVB	3/4	27.500		Arabic
			Tunisie Culture	radio	DVB	3/4	27.500		Arabic
			Radio Tunis Chaîne Internationale	radio	DVB	3/4	27.500		Arabic
			Radio Zitouna FM	radio	DVB	3/4	27.500		Arabic
A 10.834	V	Middle Eas	<u>Orbit Showtime Network</u>	package	DVB-S2	2/3	27.500	Betacrypt	
			Outdoor Channel HD	TV	DVB-S2	2/3	27.500	Betacrypt	English
			OSN Movies HD	TV	DVB-S2	2/3	27.500	Betacrypt	English
			ShowSports 1 HD	TV	DVB-S2	2/3	27.500	Betacrypt	English
			Nat Geo Wild HD	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	3/4	27.500		
			ANB	TV	DVB	3/4	27.500		Arabic
			Al Haqeeqa al Dawliyah	TV	DVB	3/4	27.500		Arabic
			Al Arrab TV	TV	DVB	3/4	27.500		Arabic
			Ahlulbayt TV	TV	DVB	3/4	27.500		English
			Sokar	TV	DVB	3/4	27.500		Arabic
			Al Seraj TV	TV	DVB	3/4	27.500		Arabic
			Azhari TV	TV	DVB	3/4	27.500		Arabic
			New Channel TV	TV	DVB	3/4	27.500		Farsi
			Speda Channel	TV	DVB	3/4	27.500		Arabic
			Zweina Baladna	TV	DVB	3/4	27.500		Arabic
			Al Zeraah	TV	DVB	3/4	27.500		Arabic
			Al Soufia	TV	DVB	3/4	27.500		Arabic
			Al Entekhabiyah al Iraqiyah	TV	DVB	3/4	27.500		Arabic
			Awal Al Tareeq	TV	DVB	3/4	27.500		Arabic
			Panorama Film	TV	DVB	3/4	27.500		Arabic
			Nour TV	TV	DVB	3/4	27.500		Farsi
			All TV	TV	DVB	3/4	27.500		Arabic
			NART TV	TV	DVB	3/4	27.500		Arabic
			Al Maaref Radio	radio	DVB	3/4	27.500		Arabic
D 10.892	H	Middle Eas	<u>Noorsat</u>	package	DVB	3/4	27.500		

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.
				Digital	FEC	MSy/s			
			Al Rasheed TV	TV	DVB	3/4	27.500		Arabic
			Karbala Satellite Channel	TV	DVB	3/4	27.500		Arabic
			Oscar Drama	TV	DVB	3/4	27.500		Arabic
			Vin TV	TV	DVB	3/4	27.500		Kurdish
			Gali Kurdistan	TV	DVB	3/4	27.500		Kurdish
			UM TV	TV	DVB	3/4	27.500		Arabic
			KNN Channel	TV	DVB	3/4	27.500		Kurdish
			OTV	TV	DVB	3/4	27.500		Arabic
			Al Alamiyah	TV	DVB	3/4	27.500		Arabic
			Mix TV	TV	DVB	3/4	27.500		Arabic
			Zweina Baladna	TV	DVB	3/4	27.500		Arabic
			RT Arabic	TV	DVB	3/4	27.500		Arabic
			Alhayat Cinema	TV	DVB	3/4	27.500		Arabic
			Alhayat Mosalsalat	TV	DVB	3/4	27.500		Arabic
			Nadi El Asdikaa	TV	DVB	3/4	27.500		Arabic
			Al-Lubnania	TV	DVB	3/4	27.500		Arabic
			Radio Nawa Kurdish	radio	DVB	3/4	27.500		Kurdish
			Al Rasheed FM	radio	DVB	3/4	27.500		
D 10.911	V	Middle Eas	Noorsat	package	DVB	3/4	27.500		
			Thaqalayn TV	TV	DVB	3/4	27.500		
			Al Tarbaweyah al Soriyah	TV	DVB	3/4	27.500		Arabic
			Al Mustakillah TV	TV	DVB	3/4	27.500		Arabic
			Al Hiwar TV	TV	DVB	3/4	27.500		Arabic
			TRT Arapça	TV	DVB	3/4	27.500		Arabic
			Aqsa Satellite Channel	TV	DVB	3/4	27.500		Arabic
			Wesal TV	TV	DVB	3/4	27.500		Arabic
			Tawazon TV	TV	DVB	3/4	27.500		Arabic
			Al Fayhaa TV	TV	DVB	3/4	27.500		Arabic
			Orient TV	TV	DVB	3/4	27.500		Arabic
			Soufia Channel TV	TV	DVB	3/4	27.500		Arabic
			Syria Drama	TV	DVB	3/4	27.500		Arabic
			Abu Dhabi Al Oula +1	TV	DVB	3/4	27.500		Arabic
			Abu Dhabi Al Emarat	TV	DVB	3/4	27.500		Arabic
			Auto Moto TV	TV	DVB	3/4	27.500		Arabic
			Iza'at Sawt Alaqsa	radio	DVB	3/4	27.500		Arabic
D 10.930	H	Middle Eas	Jordan Media City	package	DVB	3/4	27.500		
			Indus Vision	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 3.0	Urdu
			Algérie 5	TV	DVB	3/4	27.500		Arabic
			Algérie 4	TV	DVB	3/4	27.500		
			Al Etejah Satelite Channel	TV	DVB	3/4	27.500		Arabic
			Aaj News	TV	DVB	3/4	27.500	Irdeto 2/Viaccess 3.0	Urdu
			International Industrial Channel	TV	DVB	3/4	27.500		Arabic
			Live TV	TV	DVB	3/4	27.500		Arabic
			Marasil	TV	DVB	3/4	27.500		Arabic
			Al Babeleyia Sat Channel	TV	DVB	3/4	27.500		Arabic
			Aghanina TV	TV	DVB	3/4	27.500		Arabic
			Sawt Al Madina	radio	DVB	3/4	27.500		Arabic
			Al Quran Al Kareem Radio	radio	DVB	3/4	27.500		Arabic
D 10.949	V	Middle Eas	Al Jazeera Sport	package	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	
			Al Jazeera Sport Channel +7	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
			Al Jazeera Sport Channel +10	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
			Al Jazeera Sport World Cup Channel	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
			Al Jazeera Sport Channel +8	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
			Al Jazeera Sport Channel +5	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
			Al Jazeera Sport Channel +9	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
			Al Jazeera Sport Channel +6	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
D 10.992	V	Middle Eas	ViewAfrica Network	package	DVB	3/4	27.485		
			Madani Channel	TV	DVB	3/4	27.485		Urdu
			Al-Eman	TV	DVB	3/4	27.485		Arabic
			Sheba TV	TV	DVB	3/4	27.485		Arabic
			Aden	TV	DVB	3/4	27.485		Arabic
			Prime TV 3	TV	DVB	3/4	27.485		Arabic
			Prime TV 2	TV	DVB	3/4	27.485		Arabic
			Prime TV 1	TV	DVB	3/4	27.485		Arabic

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
			Al Islah TV	TV	DVB	3/4	27.485		Arabic
			Payam TV	TV	DVB	3/4	27.485		Arabic
			Miracle	TV	DVB	3/4	27.485		Arabic
			Asia TV	TV	DVB	3/4	27.485		Arabic
			Family Radio	radio	DVB	3/4	27.485		English
			Family Radio International 1	radio	DVB	3/4	27.485		
			Family Radio International 2	radio	DVB	3/4	27.485		
			Radio Al Madina	radio	DVB	3/4	27.485		Arabic
D 11.219	H	Middle Eas	Panorama Film	TV	DVB	3/4	27.485		Arabic
D 11.219	H	Middle Eas	Hala TV	TV	DVB	3/4	27.485		Arabic
A 11.219	H	Middle Eas	Dream HD	TV	DVB	3/4	27.485		Arabic
D 11.219	H	Middle Eas	Al Fayhaa TV	TV	DVB	3/4	27.485		Arabic
D 11.219	H	Middle Eas	Al Hadarah	TV	DVB	3/4	27.485		Arabic
D 11.219	H	Middle Eas	Promed TV	TV	DVB	3/4	27.485		Arabic
D 11.219	H	Middle Eas	Al Aqeeq	TV	DVB	3/4	27.485		Arabic
D 11.240	V	Middle Eas	<u>Al Jazeera Sport</u>	package	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	
			Al Jazeera Sport Channel +5	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
			Al Jazeera Sport Channel +6	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
			Al Jazeera Sport Channel +7	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
			Al Jazeera Sport Channel +8	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
			Al Jazeera Sport Channel +9	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
			Al Jazeera Sport Channel +10	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
			Al Jazeera Sport World Cup Channel	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
A 11.278	V	Middle Eas	<u>Orbit Showtime Network</u>	package	DVB-S2	2/3	27.500	Betacrypt	
			FTV HD	TV	DVB-S2	2/3	27.500	Betacrypt	English
			Discovery HD Showcase	TV	DVB-S2	2/3	27.500	Betacrypt	English
			Fox Sports Middle East	TV	DVB-S2	2/3	27.500	Betacrypt	English
D 11.317	V	Middle Eas	<u>Noorsat</u>	package	DVB	3/4	27.500		
			Al-Maaref TV	TV	DVB	3/4	27.500		Arabic
			Starfone	TV	DVB	3/4	27.500		Arabic
			Arrai	TV	DVB	3/4	27.500		Arabic
			Toyor Al Janah	TV	DVB	3/4	27.500		Arabic
			Sana Satellite Channel	TV	DVB	3/4	27.500		Arabic
			Al Eqtisadiyah Plus	TV	DVB	3/4	27.500		Arabic
			Sada Al Islam	TV	DVB	3/4	27.500		Arabic
			Al Rouh TV	TV	DVB	3/4	27.500		Arabic
			Jamawar Kurdistan	TV	DVB	3/4	27.500		Kurdish
			Hayatona	TV	DVB	3/4	27.500		Arabic
			Al Masar Al Aoula	TV	DVB	3/4	27.500		Arabic
			Taha TV	TV	DVB	3/4	27.500		Arabic
			Tawasul TV	TV	DVB	3/4	27.500		Arabic
			Al Tebbya TV	TV	DVB	3/4	27.500		Arabic
			Al Hekmah TV	TV	DVB	3/4	27.500		Arabic
			4Shbab TV	TV	DVB	3/4	27.500		Arabic
			Karameesh	TV	DVB	3/4	27.500		Arabic
			Alquds Satellite Channel	TV	DVB	3/4	27.500		Arabic
			Jamawar Kurdistan Radio	radio	DVB	3/4	27.500		Kurdish
D 11.334	H	Middle Eas	<u>Nilesat</u>	package	DVB	3/4	27.485		
			Al Athar TV	TV	DVB	3/4	27.485		Arabic
			Aayat Satellite Channel	TV	DVB	3/4	27.485		Arabic
			Almuntada	TV	DVB	3/4	27.485		Arabic
			Ale3lania TV	TV	DVB	3/4	27.485		Arabic
			Rama Satellite Channel	TV	DVB	3/4	27.485		Arabic
			Aayat TV promo	TV	DVB	3/4	27.485		Arabic
			Kaef TV	TV	DVB	3/4	27.485		Arabic
			Al Hajj wa al Omrah	TV	DVB	3/4	27.485		Arabic
			Al Bareah TV	TV	DVB	3/4	27.485		Arabic
D 11.355	V	Middle Eas	<u>STN</u>	package	DVB	3/4	27.500		
			MMC TV	TV	DVB	3/4	27.500		Kurdish
			MTA 3 Al Arabiyah	TV	DVB	3/4	27.500		Arabic
			VoA TV Persian	TV	DVB	3/4	27.500		Farsi
			Dua Channel	TV	DVB	3/4	27.500		Arabic
			Roj TV	TV	DVB	3/4	27.500		Kurdish
			Kalam TV	TV	DVB	3/4	27.500		Arabic

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text MSy/s	Access	Lang.
				Digital	FEC				
			Al Malakoot Sat	TV	DVB	3/4	27.500		Arabic
			CTV	TV	DVB	3/4	27.500		Arabic
			CCTV Arabic	TV	DVB	3/4	27.500		Arabic
			Al Islah TV	TV	DVB	3/4	27.500		Arabic
			Al Soor TV	TV	DVB	3/4	27.500		Arabic
			Aden Live	TV	DVB	3/4	27.500		Arabic
			Sat 7 Kids	TV	DVB	3/4	27.500		Arabic
			Sat 7 Arabic	TV	DVB	3/4	27.500		Arabic
			NourSat	TV	DVB	3/4	27.500		Arabic
			Palestine Al Yawm promo	TV	DVB	3/4	27.500		Arabic
			Alalam News Channel	TV	DVB	3/4	27.500		Arabic
			Al Minber TV	TV	DVB	3/4	27.500		Arabic
			Newroz TV	TV	DVB	3/4	27.500		Kurdish
			Aghapy TV	TV	DVB	3/4	27.500		Arabic
			Ta3arof TV	TV	DVB	3/4	27.500		Arabic
D 11.374	H	Middle Eas	<u>Orbit Showtime Network</u>	package	DVB	3/4	27.500	Betacrypt/Irdeto 2	
			MnL TV	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Tagalog
			Fashion TV Europe	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	
			Fann	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			Arabic Series +4	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			Cinema 2	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			Cinema 1	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			Pinoy Xtreme	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Tagalog
			GMA Pinoy TV Europe	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Tagalog
			Orbit News 1	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
			GMA Life TV	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Tagalog
			Orbit News 2	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
			Al Safwa	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			Al Yawm	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			DWLS FM	radio	DVB	3/4	27.500	Betacrypt/Irdeto 2	Tagalog
			DZBB 594 Super Radyo	radio	DVB	3/4	27.500	Betacrypt/Irdeto 2	Tagalog
D 11.393	V	Middle Eas	<u>Noorsat</u>	package	DVB	3/4	27.500		
			4 Shop TV	TV	DVB	3/4	27.500		Arabic
			Ishtar TV	TV	DVB	3/4	27.500		Arabic
			Al Ordoni TV	TV	DVB	3/4	27.500		Arabic
			Awdeh	TV	DVB	3/4	27.500		Arabic
			KTO	TV	DVB	3/4	27.500		French
			Alhayat Cinema	TV	DVB	3/4	27.500		Arabic
			Al Ailah TV promo	TV	DVB	3/4	27.500		
			Alhayat Mosalsalat	TV	DVB	3/4	27.500		Arabic
			Alhayat 2	TV	DVB	3/4	27.500		Arabic
			Al Haqeeqa al Dawliyah	TV	DVB	3/4	27.500		Arabic
			Syria Drama	TV	DVB	3/4	27.500		Arabic
			Abu Dhabi Al Oula +1	TV	DVB	3/4	27.500		Arabic
			Toyor Al Janah	TV	DVB	3/4	27.500		Arabic
			Abu Dhabi Al Emarat	TV	DVB	3/4	27.500		Arabic
D 11.411	H	Middle Eas	<u>Orbit Showtime Network</u>	package	DVB	3/4	27.500	Betacrypt/Irdeto 2	
			History Orbit	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
			Food Network UK	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
			OSN Variety	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
			OSN Arabia	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			OSN Comedy +2	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
			America Plus +2	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
			The Style Network Emea	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
			Arabic Series	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	Arabic
			Trace TV	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	French
			The MGM Channel Middle East	TV	DVB	3/4	27.500	Betacrypt/Irdeto 2	English
D 11.488	H	Middle Eas	<u>Al Jazeera Sport</u>	package	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	
			ART Sports 7	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic
			Al Jazeera Sport World Cup Channel	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	English
			Al Jazeera Sport Channel +10	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic
			Al Jazeera Sport Channel +9	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic
			NBA TV	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	English
			Al Jazeera Sport Channel HD 1	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
			Al Jazeera Sport Channel 3D	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0	Arabic,English
D 12.341	V	Middle Eas	<u>Du</u>	package	DVB	3/4	27.500		

Freq (GHz)	Pol	Beam	Channel	Analogue Audio MHz		Text MSy/s	Access	Lang.
				Digital	FEC			
D 12.360	H	Middle Eas	RAK TV	TV	DVB	3/4	27.500	Arabic
			Al Aan TV	TV	DVB	3/4	27.500	Arabic
			Infinity 2	TV	DVB	3/4	27.500	Arabic
			TXT 2	TV	DVB	3/4	27.500	Arabic
			DM TV	TV	DVB	3/4	27.500	Arabic
			Space Toon 2	TV	DVB	3/4	27.500	English
			Dubai Sports 2	TV	DVB	3/4	27.500	Arabic
			Fatafeat	TV	DVB	3/4	27.500	Arabic
			NDTV Imagine	TV	DVB	3/4	27.500	Hindi
			MBC Persia	TV	DVB	3/4	27.500	Farsi
			Asia Business TV	TV	DVB	3/4	27.500	Chinese
			MBC FM	radio	DVB	3/4	27.500	Arabic
			<u>Nilesat</u>	package	DVB	3/4	27.500	
			Watani al Kabeer	TV	DVB	3/4	27.500	Arabic
			Al Mosullia	TV	DVB	3/4	27.500	Arabic
			Al Jazeera Documentary	TV	DVB	3/4	27.500	Arabic
			Alpha	TV	DVB	3/4	27.500	Arabic
			Al Salam TV	TV	DVB	3/4	27.500	Arabic
			Al Badeel	TV	DVB	3/4	27.500	Arabic
			D 12.380	V	Middle Eas	Panorama Drama	TV	DVB
Scope TV	TV	DVB				3/4	27.500	Arabic
Al Ahly Club	TV	DVB				3/4	27.500	Arabic
Al Hafez	TV	DVB				3/4	27.500	Arabic
Libya Sports 1	TV	DVB				3/4	27.500	Arabic
Al-Jamahiriya TV 2	TV	DVB				3/4	27.500	Arabic
Al Hadath	TV	DVB				3/4	27.500	Arabic
Al Salam Radio	radio	DVB				3/4	27.500	Arabic
Al Libiya FM	radio	DVB				3/4	27.500	Arabic
<u>Jordan Media City</u>	package	DVB				3/4	27.500	
Huna Amsterdam	TV	DVB				3/4	27.500	Arabic
Sama TV	TV	DVB				3/4	27.500	Arabic
JoSat	TV	DVB				3/4	27.500	Arabic
Al-Mawaddah TV	TV	DVB				3/4	27.500	Arabic
Arab Motors TV	TV	DVB				3/4	27.500	Arabic
WDS TV	TV	DVB				3/4	27.500	Arabic
AldiyarSat	TV	DVB	3/4	27.500	Arabic			
W TV	TV	DVB	3/4	27.500	Arabic			
More Media	TV	DVB	3/4	27.500	Arabic			
1st Forex TV	TV	DVB	3/4	27.500	Arabic			
Rayhana TV	TV	DVB	3/4	27.500	Arabic			
Jordan Medical TV	TV	DVB	3/4	27.500	Arabic			
Al Teb Al Nabawi	TV	DVB	3/4	27.500	Arabic			
Resalat Al Habeeb Satellite Channel	TV	DVB	3/4	27.500	Arabic			
D 12.399	H	Middle Eas	Huna Amsterdam	radio	DVB	3/4	27.500	Arabic
			<u>Nilesat</u>	package	DVB	3/4	27.500	
			Ashur TV	TV	DVB	3/4	27.500	
			Al Shababiyah	TV	DVB	3/4	27.500	Arabic
			Al Masar TV	TV	DVB	3/4	27.500	Arabic
			Kurdistan TV	TV	DVB	3/4	27.500	Kurdish
			On TV	TV	DVB	3/4	27.500	Arabic
			Al Ghinaiyah	TV	DVB	3/4	27.500	Arabic
			Al-Adala TV	TV	DVB	3/4	27.500	Arabic
			Moga Comedy TV	TV	DVB	3/4	27.500	Arabic
			Eve TV	TV	DVB	3/4	27.500	English
			Télé Liban	TV	DVB	3/4	27.500	Arabic
			Türkmeneli TV	TV	DVB	3/4	27.500	
			Al Hurrya	TV	DVB	3/4	27.500	Arabic
			Al-Iraqiya Sports	TV	DVB	3/4	27.500	Arabic
			Forqan Radio	radio	DVB	3/4	27.500	Arabic
Iza'at Al Ahd	radio	DVB	3/4	27.500	Arabic			
Radio Al-Iraqiya FM	radio	DVB	3/4	27.500	Arabic			
Türkmeneli FM	radio	DVB	3/4	27.500	Turkish			
D 12.418	V	Middle Eas	<u>Nilesat</u>	package	DVB	3/4	27.500	
			ANN	TV	DVB	3/4	27.500	Arabic
			Al Forqan TV	TV	DVB	3/4	27.500	
			Al Anbar	TV	DVB	3/4	27.500	Arabic
			Sham FM TV	TV	DVB	3/4	27.500	Arabic
			Al-Iraqiya TV	TV	DVB	3/4	27.500	Arabic
			Al Bader	TV	DVB	3/4	27.500	Arabic
Tunisie 21	TV	DVB	3/4	27.500	Arabic			

Freq (GHz)	Pol	Beam	Channel	Analogue		Audio MHz	Text	Access	Lang.				
				Digital	FEC	MSy/s							
D 12.437	H	Middle Eas	E-mail @ TV Channel	TV	DVB	3/4	27.500			Arabic			
			Alhayat Mosalsalat	TV	DVB	3/4	27.500				Arabic		
			Daleel TV Channel	TV	DVB	3/4	27.500				Arabic		
			Cairo University 1	TV	DVB	3/4	27.500						
			Republic of Iraq Radio	radio	DVB	3/4	27.500				Arabic		
			<u>Du</u>	package	DVB	3/4	27.500						
			Kanal 4	TV	DVB	3/4	27.500				Kurdish		
			ICC Classic	TV	DVB	3/4	27.500				Farsi		
			Azhari TV 2 promo	TV	DVB	3/4	27.500						
			Korek TV	TV	DVB	3/4	27.500				Kurdish		
			Nickelodeon Arabia	TV	DVB	3/4	27.500				Arabic		
			Dubai Sports Earth	TV	DVB	3/4	27.500	BISS			Arabic		
			Al Rasoul	TV	DVB	3/4	27.500				Arabic		
D 12.456	V	Middle Eas	Al Jazeera TV	TV	DVB	3/4	27.500			Arabic			
			<u>Al Jazeera Sport</u>	package	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0					
			ART Sports 7	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0			Arabic		
			Al Jazeera Sport Channel HD 1	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0			Arabic,English		
			Al Jazeera Sport Channel 3D	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0			Arabic,English		
			NBA TV	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0			English		
			Al Jazeera Sport Channel +9	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0			Arabic		
			Al Jazeera Sport Channel +10	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0			Arabic		
			Al Jazeera Sport World Cup Channel	TV	DVB	3/4	27.500	Irdeto 2/KeyFly/Viaccess 3.0/Viaccess 4.0			English		
			D 12.476	H	Middle Eas	<u>Nilesat</u>	package	DVB	3/4	27.500			
						Al-Sabah TV	TV	DVB	3/4	27.500			Arabic
						Allord TV	TV	DVB	3/4	27.500			Arabic
						Nile Family and Kids	TV	DVB	3/4	27.500			Arabic
Modern Rewayat	TV	DVB				3/4	27.500			Arabic			
Aamal TV	TV	DVB				3/4	27.500			Arabic			
Afaq TV	TV	DVB				3/4	27.500			Arabic			
Al Jazeera Mobasher	TV	DVB				3/4	27.500			Arabic			
Melody Drama	TV	DVB				3/4	27.500			Arabic			
Modern Sport	TV	DVB				3/4	27.500			Arabic			
Modern Masr	TV	DVB	3/4	27.500			Arabic						