

English French German Spanish/Ptgse Russian+Eur Arabic S Asia+Africa E Asia Strong signal weak weak English

15 GMT	16	17	18
ISS 145 500kW 21.69 France Swahili YFR Florida 87 100kW 21.675 God to West Africa HRI, Cypress Creek 85 250kW Sa/Sun: 21.60 God		ISS 162 500kW 21.69 France	
		ISS 153 500kW	ISS 150 500kW
		21.58 France to Africa	

19	20	21	22	23
21.7				
21.6				
21.5				

SAO, Sao Tome 100 17.895 VOA	SMG 144 250k 17.895 VOA to Africa MEY 7 250kW 17.87 BBC GL ISS 150 500kW 17.85 France to Africa	ISS 153 500kW	
	ASC 65 250kW 17.83 BBC to Central Africa ASC 65 250kW 17.80 D Welle		
ASC 65 250kW Sa: 17.78 BBC Hausa	17.78 BBC Nigeria		
MEY 19 250kW Ch Africa M-F: 17.77 Swahili Sa/Su: 17.755 Spain to Africa NOB, Noblejas near Madrid 161 200kW Sa: 17.745 BBC Somali MEY 32 250kW			
BOT 350 100k ends 1530 Sa/Su 17.70 VOA Hausa RIY 270 500k to Africa 17.66 Saudi	ASC 114 250kW 17.64 BBC	Greenville 94 250kW 17.655 VOA Ptg	M-F only after 1800
RIY 190 500kW 17.615 Saudi	ISS 171 500kW Hausa 17.615 France	ISS 162 500k to 27 Feb 17.62 France	
Sa: 17.58 VOA	GB, Greenville USA 45 250kW 17.56 S Arabia to Africa	RIY 270 500kW	

17.9	ASC 55 250kW Hausa 17.885 BBC Sat only ISS 152 500kW 17.85 France			
17.8				
17.7				
17.6				
17.5				

15 GMT	16	17	18
15.825 God from Nashville WCR 46 100kW			
MDG 300 250kW Gt Lakes M-F: 15.79 BBC			SMG 193 250kW
SMG 90 125k to India 15.775 Vatican	GB 94 125kW Portugese Sa: 15.73 VOA		15.73 VOA
BIB 85 100kW 15.69 R Farda			
SMG 107 250k Filipino 15.62 R Veritas	WOF 126 250kW 15.62 VOA Somali		
15.61 God from Vandiver Phone in EWN 40 250kW	SMG 107 100kW 15.595 Vat		
BOT 10 100kW 15.58 VOA to Africa	BOT 350 100kW 15.58 VOA to Africa	15.58 VOA	15.58 VOA
Sa/Su: 15.50 Spain to NE Africa+ME NOB, Noblejas near Madrid 110 200kW			
RIY, Riyadh 320 500kW 15.435 Saudi Arabia to Europe			
MEY 20 100kW usually inaudible 15.42 BBC to East Africa	15.42 BBC E Af		
ISS 138 250k Sudanese Arabic 15.40 R Tamazuj	ASC 27 125kW 15.40 BBC to West Africa		
Sa/Su: 15.39 Spain to S America NOB, Noblejas near Madrid 230 200kW			
Kununurra 310 100k Reach Beyond Australia 15.34 God			
WOF 92 250kW 15.31 BBC Fars	ISS 204 500kW 15.30 France to West Africa	ISS 180 500kW 15.30 France	155+185 1000kW 15.30 France
MOS Austria 90 300kW 15.29 God Punjabi AWR			
TRM 255 250kW 15.275 DW Swa	TRM 270 250kW DW Amharic	ISS 170 500kW DW in French	ISS 172 500kW 15.275 Hausa
	MEY 340 250kW M-F: 15.235 Channel Africa		
RIY 295 500kW 15.225 Saudi Arabia to North Africa			
EMR 252 500kW 15.20 Turkey	RIY, Riyadh 320 500kW 15.205 S Arabia to Europe		
	GAL 245 300kW Arabic 15.17 Rom		
15.14 Oman in Arabic THU, Thumrait 315 100kW			15.14 Oman
15.13 R Liberty LAM 53 100kW Russ			
Ikorodu 7 250kW 15.12 Nigeria		Ikorodu 7 250kW 15.12 Nigeria	Abuja Lugbe 7 250kW 15.12 Nigeria
		ASC 27 250kW 15.105 BBC	

19	20	21	22	23
15.8	15.825 God from Nashville			
15.7	GB 94 250kW 15.73 VOA to Africa	BOT 350 100kW Su: Fre 2030-2100 Sa: Hausa		
15.6	15.67 Sa VOA GB 45 250kW			
15.6	15.61 God from Vandiver Phone in EWN 85 250kW			
15.5	15.58 VOA	SMG 193 250kW 15.58 VOA	GB, Greenville 94 250kW 15.58 VOA	
15.5	15.50 Spain to NE Africa + M E		15.50 Spain to NE Africa + Mid East	
15.4	15.40 BBC to W Africa			
15.4	15.39 Spain to South America		15.39 Spain to South America	
15.3	ISS 155 500k Ptg 15.36 France			
15.3	ISS 153 500kW 15.30 France to Africa			
15.2				
15.2	15.14 Oman in Arabic			
15.1	15.12 Nigeria			
15.1	ASC 65 250kW (Sat to 2030) 15.105 BBC Hausa			

15 GMT	16	17	18
13.845 God from Nashville USA WCR 40 100kW			
MDC 340 250kW 13.80 R Tamazuj/Dabanga	SMG 145 250kW Sudanese Arabic		
	SMG 148,136 SwaSom 13.765 Vatican	SMG 168 148 250kW 13.765 Vatican	SMG 238 100kW Ptg
	KWT 210 250kW Swa 13.745 VOA	ISS 200 500kW 13.74 France	
RIY 295 500kW 13.71 Saudi Arabia to North Africa			
CER 240 150kW 13.67 China	13.66 BBC Persian WOF 92 250kW		
IRA 340 250kW VOA 13.59 VOA Deewa Radio Pashto	Farsi BGL300 500 13.64 India	13.64 India in Arabic	
	13.63 VOA Ptg BOT 350 100kW		
13.59 VOA Deewa Radio Pashto	KWT 210 SAO 88 13.59 VOA Afr	SAO 88 13.59 VOA Afr	LAM 132 100kW
	BOT 10 100kW to 1800 13.58 VOA Somali	DKA 320 250kW 13.58 Bangladesh	
13.57 Iran Arabic KAM 244 500kW			

19	20	21	22	23
13.8	13.845 God from Nashville			
13.7	ISS 185 500kW 13.695 France			
13.6	13.64 India 13.64 India			
13.6	SAO 138 100kW 13.59 VOA Africa			
	13.58 Bangladesh			

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15 GMT	16	17	18
12.14 VOA R Ashna in Dari	in Pashto KWT 70 250KW	12.095 BBC Arabic	12.14 VOA Amharic
12.095 BBC Africa	MDG 315 250KW	12.085 Australia	12.085 Australia
12.085 Australia	SHP 30 100KW normally inaudible	12.075 VOA Fre	12.075 VOA Fre
12.075 R Ashna WOF75.SMG83	in Pashto KWT 70 250KW	12.065 Australia	12.065 Australia
12.065 Australia	SHP 355 100KW	12.065 BBC Urdu	12.065 BBC Arabic
SNK 315 250KW		WOF 107 250KW	
12.045 BBC Pashto	BBC Dari		
12.015 North Korea	French Kujang325 200K	in Korean	12.015 NKorea
12.005 R Farda in Persian	BIB 105 100KW		
11.995 BBC Farsi	NAK 300 250KW		ASC 27 250KW
11.985 R Liberty	Russ BIB 63 100KW		11.975 BBC
GAL 290 300KW	GAL 245 300KW		KAM 244 500KW
11.975 Romania	11.975 Rom		11.955 Iran
11.92 China Afr	CER 240		11.93 Saudi
NAK 300 250KW	MEY 20 100W Sudanese Eng		11.915 Saudi
11.91 BBC Urdu	M-F:11.90 VOA	M-F:Oromo	VOA Am MEY 20 100k
11.89 R Liberty	Russ LAM 75 100KW		
11.815 Turkey Turkish	EMR 300 250KW		11.82 Saudi
TIG 142 300KW	11.76 Rom		11.81 BBC
Minsk 252 150kW starts Russian			
11.73 Belarus	11.73 Belarus in Polish		11.73 Belarus
CER 240 150KW to NW Africa			
11.725 China Arabic			
	Bangalore 325 500KW	11.67 All India R	
MDG Swa/Som/Amha	MDG 300 SMG 184	Portugese	
11.60 God	Overcomer Sofia 306 100KW		

15 GMT	16	17	18
TIN 288 250KW Tibetan	TIN 278 250KW Burmese		WOF 170 250KW
9.94 R Free Asia	9.94 R Free Asia		9.915 BBC
	KAS 298 500KW		9.87 Saudi
	9.875 China		Albanian KAM
	TIG 37 300KW Russian	KAM 298 500KW	9.85 Iran
	9.80 Romania	Bosnian	9.85 Iran
	Hanoi 320 100KW	SMG 139 Amharic	9.84 R Liberty
9.73 Viet'm	in Rus Vietnamese		9.755 VOA
9.72 China URU 270 Mid East			in Spa in Fre
9.705 China KAS 308 500KW			9.695 China
Sa/Su: 9.69 Spain to N America	NOB, Noblejas near Madrid 290 200KW	9.675 Saudi Turkish	
	TIG 142 300KW	MDC 258	SMG 184 250KW
	9.68 Romania	9.66 Vatican	Portugese
GAL 285 300KW			
9.655 Romania			9.645
9.645 R Liberty	Belarusian BIB 63 100KW		9.615 China
			URU 308 500KW
KAS 308 500KW	BGL 335 500KW 250k Russian		9.615 China
9.59 China	9.595 India		
9.575 R Mediterranean in French and Arabic	Nador 110 250KW		
CER ND 150KW Turkish			
9.565 China	9.555 China Ara	CER 140 150k	9.555 Saudi
9.525 ChikAS 308	9.54 BBC Hin+Ber	SNG 320+340	9.555 Saudi
9.515 S Korea	S Korea in Korean	KIM 285 250KW	9.50 God
9.505 BBC to Iran /Afghanistan	Not usually audible	Swaziland 13 100KW	9.485 VOA Am WOF
9.46 God MOS/NAU	9.445 India Hindi	9.445 India Africa	
KAS 298 500KW	KAS 308 500KW	KAS 294 500KW Croatian	
9.435 China	9.435 China		
9.42 Greece in Greek	AVL 323		9.42 Greece
SNG 315 100KW			DHA 220 250KW
9.41 BBC to South Asia			9.41 BBC Africa
	UDO 316 250KW		9.39 Thailand
9.37 VOA Deewa Radio in Pashto	UDO in Thailand 300 250KW		
9.355 VOA Deewa Radio in Pashto	UDO in Thailand 305 250KW		

15 GMT	16	17	18
NAK 255 250KW	NAK 255 250KW	Bangalore 280 250KW	7.55 India digital
7.60 BBC Tamil	7.60 BBC Sinhala	NAK 305 250KW	7.505 BBC Dari
			from IRA, Sri Lanka 340 250KW
7.495 VOA Deewa Radio in Pashto		NAK 305 250KW	BBC Dari
	NAK 300 SNG 320 IRA 315 250KW		MEY 76 SHI M-Sa
7.485 BBC Hindi Bengali	VOA Kurdish		7.465 BBC Albania
7.465 BBC S Asia	SNG 320 250KW		
		7.445 BBC E Africa	MDG 315 250KW
		7.445 China URU	308 500KW
KUN 300 Pashto	JIN 255 500KW		
7.435 China	7.435 China English		7.435 China
	URU 270 Mid E /N AF	SIR 320 500KW	
	7.42 China	7.425 Iran	

19	20	21	22	23
M-F:12.14 VOA	12.095 BBC Ara	12.095 ASC 27 125K	M-F:12.095 BBC	
12.095 BBC Ara	12.085 Australia	SHP 30 100KW		
12.075 VOA	BOT 350 100KW	SAO 20	M-F:12.075 SMG	184 250KW
12.065 Australia	SHP 355 100KW			
12.015 N Korea				
In December/January, there are often few stations audible on 12 or 9 MHz after 1930 GMT				
11.955 Iran				SNG 90 100KW
				11.955 BBC
11.93 Saudi Arabia to Central Africa	RIY 270 500KW			
11.915 Saudi Arabia to North Africa	RIY 295 500KW			
11.90 VOA Fre	SAO 335 100k ends 1930	exc Sa		
11.82 Saudi Arabia to Europe	RIY 320 500kW			
11.81 BBC Cen Africa	ASC 65 250KW	M-F: 11.81 BBC		
Fre only Sa-M+Th:				
11.73 Belarus	Fre: Belarus English	Spa to 2020 not Tu/Wr	11.73 in Russian	
11.67 India	11.67 Hindi	11.67 All India Radio		
SMG 238 100KW	SMG 184 250k starts Liturgy			
Sa:Spanish	11.625 Vatican French			
11.53 Spain to Africa	NOB 161 200KW			

19	20	21	22	23
Manzini in Swaziland 343 100KW	9.94 God	Lingala then French (TWR)		
9.915 BBC to West Africa	Dhabbaya 315 250KW	JABS 315 250KW	Abu Zaabal 315 250KW	
9.895 Taiwan	9.90 Cairo French	9.90 Cairo - poor sound		
9.87 Saudi Arabia to Europe	RIY 320 500kW			
9.85 Iran	9.865 China Chinese	9.86 China Esperanto		
9.84 R Liberty	Russian LAM 55 100KW			
KAS 308 500KW Cantonese	WOF 180 250KW Hausa			KAS 269 500k S Amer to 0100
9.77 China	9.765 VOA			9.80 China Spa
9.745 China Esperanto	URU 308 500KW			TIG 247 Spa to Lat Am
Vietnam 9.73	in Rus Viet'm	in Fre		9.79 Romania
9.73 China Ptgse	KAS 298	9.72 Chi		SNG 13+135 250KW
9.69 Spain to N America	URU 308 Bul	9.69 Spain to N America		9.74 BBC
9.675 S Arabia	Turkish RIY 340 500KW			
SMG 234 100KW	SMG 210 250k starts Liturgy			9.685 China Portugese
Sa:Spanish	9.66 Vatican French			to S America
KUN 300 500KW	KAM 298 500KW			
9.655 China	Turkish	9.63 Iran	Albanian	
9.645 China to Africa	KUN 283	9.64 China Spanish to Spain	KAS 298	
9.615 China	9.60 China in English			TIG 52 300kW to Japan
	KAS 298 Serb+Hung	KAM 304 500KW		9.62 Romania
	9.585 China	9.59 Iran	Bosnian	KAS 294 500KW to S Am
9.575 R Mediterranean in French and Arabic	Nador 110 250KW			9.59 China Spanish
URU 308 Hungarian				
9.56 China				
9.555 Saudi Arabia to North Africa	RIY 295 500KW			
9.515 VOA Kurd	God NAU	God NAU		
LAM 108 100KW	KWT 210	Sa/Su:BOT	350	SAO 335 Bambara
WOF 128 Tigrinya	9.49 VOA Africa	M-F:9.49 VOA	9.505 God	Cyprus Creek HRI 47 250KW
9.485 VOA				
9.445 India		9.445 All India Radio	Bangalore	325 500KW
KUN 283 500KW	KUN 300 500KW			
9.44 China to Africa & Mid East				
9.42 Greece		9.42 Greece in Greek		
				KAS 294 500KW to S America
9.41 BBC				9.41 China
9.39 Thai	UDO 324	9.39 Thailand	Thai after 2045	
Only 9.42, 9.69 & 9.85 audible at 1900 on Mon 18 Jan				

19	20	21	22	23
Delhi 120 500KW	Delhi 312 250KW	Letters prog Mon 2130 G		
7.55 India	in Hindi digital	7.55 All India English		
				NAK 25 250KW
				7.49 BBC to China
BIB 63 100KW		KWT 355 250KW		
7.485 R Liberty Russian		7.485 R Liberty		
Albania Italian	SHI 310	SHI 300 100k		
M-Sa:7.465	M-Sa: 7.465 Albania			
7.455 VOA Kurdish	IRA 318 250KW			
7.445 BBC		KUN 300	URU 308 500KW	
	7.44 China BEI318	7.445 China	Srb+Hung	
Xian 317 Hun+Rom				
7.435 China				
	KAM 298 500KW			
7.425 Iran				

English French German Spanish/Ptgse Russian+Eur Arabic S Asia+Africa E Asia Strong signal weak weak English

15 GMT	16	17	18
		SZG 315 500kW Russian	
		7.41 China	BEI 318 500kW
		TIG 292 300kW	7.40 Romania
		7.40 Romania	7.405 China
		KAS 308 500kW	7.395 China
NAU 65 100kW	7.38 China German CER 330 150kW		7.385 China
7.375 God	GAL 140 300kW	7.37 Romania	7.375 Romania
Belarussian	86 SMG 48 Russ 54	CER 310 150kW	
	7.36 Vatican Armenian,Russ,Ukrainian	7.36 China	
	KAS 308 500kW	TIG 307 English	
	7.35 China in French	7.35 Romania	
CER ND 150kW Turkish		BEI 322 Croat	KAS 294 Italian
7.345 China		7.335 China	7.34 China
TIG 307 300kW			
7.33 Romania			
	KAM 298 500kW	KUN 300 500kW	
	7.315 Iran Turkish	7.315 China to Africa	
KLL ND 20kW			
7.31 Deutsches			
			XIA 317 Chaozhou
			7.285 China
	7.28 Viet'm in Rus	Vietnamese Hanoi 320	Spanish French
	BEI 318 500kW	URU 308 500kW	WOF 170URU 308 Bul
	7.265 China in Russian		BBC China
	KAS 294 500kW		SZG 315 Russian
	7.255 China to Europe		7.255 China
		XIA 317 Esperanto	WOF 75 Russian
		7.245 China	7.235 Korea
	SZG 315 500k Russian	BEI 318 Esperanto	7.21 China
	7.215 China		7.205 China
			7.205 Turkey

19	20	21	22	23
URU 308 500k Czech	KAS 308 500kW			
7.415 China	7.415 China in English			TIG 52 300kW to Japan
TIG 307 in German	SIR 298 500kW			7.395 Romania
7.405 Romania	7.40 Iran Spanish			TIG 247 300kW Spa to S America
	XIA 317 JIN 314 Hung			
7.395 China	7.39 China Serb			7.38 Romania
7.385 China Albanian	KAS 294			
7.385 China CER 240 150kW		GAL 285 GAL 290 300kW		
7.375 Romania GAL 285 300kW	7.375 Romania			
7.36 China				
KAS 269 500kW from 1830	URU 308 500kW to France			KAS 308 500kW
7.35 China Africa	7.35 China French Europe			7.35 China
	KAS 294 500kW	7.345 China Italian		
Jinhua 320 Ptgse	SZG 315 500kW			
7.335 China	7.335 China			
SZG 315 500kW	URU 308 Serb	XIA 317 Srb BEI 257 Afr	KAS 294 Esperanto to S Am	
7.325 China	7.325 China	7.325 China	7.315 China	
BIB 105 100kW				
7.315 VOA Kurdish				
SIR 295 500k Italian	URU 308 500kW		TIG 307 300kW to NE Am	
7.305 Iran			7.31 Romania	
	7.305 China Polish			
7.295 China to N Afr / Mid East URU 270	7.30 God NW Africa			URU 308 500kW
Milan ND 150kW				7.30 China Chinese
F-Su:7.29 God	7.285 China CER, Albania 310 150kW			
Vietnam 7.28 in Rus Viet'm French				
	URU 308 Esperanto URU 308 500kW			
	7.265 China China Italian			7.26 China Portugese
Kunming 300 Turkish	Baoji 317 150kW			URU 308 500kW
7.255 China China Russian				7.25 China in Spanish
WOF 170 300k	TIG 277 300kW	BEI 318 Croat		GAL 300 300kW
7.235 IBRA Romania Spa	7.225 China			7.22 Rom
BEI 322 Cantonese	CER in Albania 140 150kW			
7.215 China	7.215 China Arabic to Libya			7.21 China to Spain
EMR 310 250kW	7.205 France to Africa ISS 204 500kW			

15 GMT	16	17	18
6.195 BBC to Iraq & Iran SLA in Oman 335 250kW			6.195 BBC
URU 308 500kW	SMG 86 54 Rus Ukr	26 Belarus	
6.18 China Rus	6.185 Vatican starts Armenian		
	6.175 Iran Bosnian SIR 298 500kW		
	BEI 288 to Iran	XIA, Xian 317 500kW	
	6.165 China	6.16 China	
	Minsk 252 Polish off air moved to 11.73/11.93		
DAT ND 15kW	6.155 Belarus	6.155 Belarus	
6.15 Europe 24	6.15 China SZH 315 500k		
	KAM 304 500kW		6.135 Iran
SZG 315 500kW		BEI 318 500kW	
6.105 China Russian		6.10 China in English	
KAS 269 500kW		TIG 307 300kW	6.09 Romania
6.095 China N Afr		XIA 292 500kW	Beijing 288 500kW
		6.07 China in Russian	
		6.06 Iran in Arabic ZAH 289 500kW	
TIG 307 300kW	URU 308 500kW		6.055 China
6.04 Romania	6.04 China Russian		
XIA 292 Russian			
6.025 China			
Kall ND 100kW		6.02 SZG 315 Bulg	China
6.005 Deutsches Radio 700		URU 308 Chaozhou	6.01 China
	KAM 289 500kW	GAL 285 300kW	
	5.995 Iran Turkish		5.99 Romania
		5.98 Turkey in Turkish	
	5.97 China CER 330 150kW fades	5.97 China	
TIG 270 Ita 210 Maced	TIG 30	TIG 270 100kW	TIG 210
5.955 Romania Ukrain	Serb	Italian	Maced
		5.955 Viet'm	
	TIG 37 Russian	TIG 292 300kW	TIG 30,270 Ukr,Srb 75k
5.93 Rom		5.935 Romania	5.945 Romania
		5.92 Romania GAL 140 300kW to ME	
	KAM 304 500kW	5.90 Iran German	
5.885 R Liberty in Belarusian LAM 55 100kW			
	NAK 325	NAK 300 250kW	
5.875 BBC Beng Dari Pashto		5.865 R Farda Dari Pashto	
NAK 290 100kW			
5.845 BBC digital weak from Thailand			

19	20	21	22	23
6.2 6.195 Iran Rus KAM 325	Iran Spanish KAM 289 500kW		6.195 BBC SNG 0+90 +13 to 2300	
	6.185 China Arabic CER 193 150kW			XIA 354 500k Mongolian
	DHA Dhabbaya UAE 315 250kW			6.185 China
	6.175 Vietnam			6.175 China Ptg in Spanish
	BEI 318 500kW		TIG 307 300kW to NE Am	
6.16 China	6.155 China Russian		6.17 Romania	
Fre only Sa-M+Th				
6.155 Belarus Fre	6.155 Belarus Eng Spa to 2020 not Tu/Wr		6.155 Russian	
	KAM 298 Italian	WOF 75 Russian	BEI 318 Croat	
	6.135 Iran	6.135 Vietnam	6.135 China	
XIA 292 500kW	BEI 322 500kW			Nashville 46 100kW with dramas
6.11 China Russ	6.115 China			6.115 God
BEI 318 500kW	XIA 292 500kW		BEI 318 500kW	
6.10 China Russ	6.10 China in Arabic		6.10 China Spanish to S Amer	
6.09 China Rom URU 308			6.09 God Caribbean Beacon	
	SMG 4+326 200kW			AIA, Anguilla 320 100kW
6.07 Vatican		SMG 146+234 200kW	6.07 Vatican	
6.06 Voice of Islamic Republic of Iran in Arabic				
6.055 CER 240 150kW	EMR 247 500kW			
6.05 Turkey EMR 290	6.05 Turkey to Africa			
6.04 Iran SIR 313 500kW				
NAU 90 God Russ/Ukr	TIG 30 Ukr	TIG 270	GAL 285 GAL 300 Eng	
Not M/W: 6.03 Romania Serb			6.03 Romania	
in Albanian	China Polish		6.02 China in Spanish SZG 315 500kW	
TIG 307 300kW	TIG 277 300kW			GAL 285 300kW
6.01 Romania in Spanish				6.015 Romania to UK
5.99 Romania in Romanian				
5.98 Turkey in Turkish EMR 310 250kW				
5.97 CER 310 fades	5.97 Turkey EMR 290 500kW			
fading problems	CER in Albania 310 150kW			EMR 310 500kW
5.955 Viet'm	5.96 China in English			5.96 Turkey
Ita 270	Macedonia	ISS 182 250kW	SIR 298 500kW	
5.945 Rom	5.95 S Korea		5.95 Iran Bosnian	
SIR 313 500kW	5.94 God NAU 120 250kW			
Sofia 306 100kW			NAK 150 250kW not	Nashville 85 100kW
5.90 God Overcomer	SMG 205 250kW	5.90 God	5.89 BBC Asia	5.89 God
UDO 18 250kW			NAK ND 250kW	NAK 25+45 500kW
5.885 R Liberty M-F:VOA+Bambara			5.875 BBC Asia	5.875 BBC Asia
5.865 IRA 316 250k	5.865 R Farda Kuwait 58 250kW		5.865 R Farda from USA	

3.995 HCJB Deutsch Weenermoor 145 1.5kW	3.995 HCJB
3.985 Deutsches Radio 700 Kall ND 1kW	3.985 Deutsch
3.965 France weak digital signal from ISS, Issoudun nr Paris ND 1kW	

4.0 3.995 HCJB Deutsch	3.995 HCJB Deutsch
3.985 Slovakia Mongolia	3.985 R Belarus
3.975 Vat SMG 330 100kW	3.975 Vatican Arabic SMG 326 100kW
3.965 France digital WOF 114 250kW fades	3.965 France weak digital signal
3.955 Taiwan S Korea Ger	S Korea French