

Diagram1: 2.1 TABLE7. TRANSMITTING GSOES in FIXED-SATELLITE SERVICE W.R.T. RECEIVING TERRESTRIAL STATIONS.
TS in FS or MS

Notice ID: 87500999

Administration/Geographical area: MLT/MLT

Satellite orbital position: -1.00

Frequency band: 5925.00-6425.00 MHz

Earth station name: MAGTAB

Earth station position: 014E264035N5556

Satellite name: INTELSAT

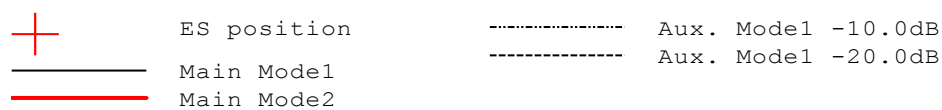
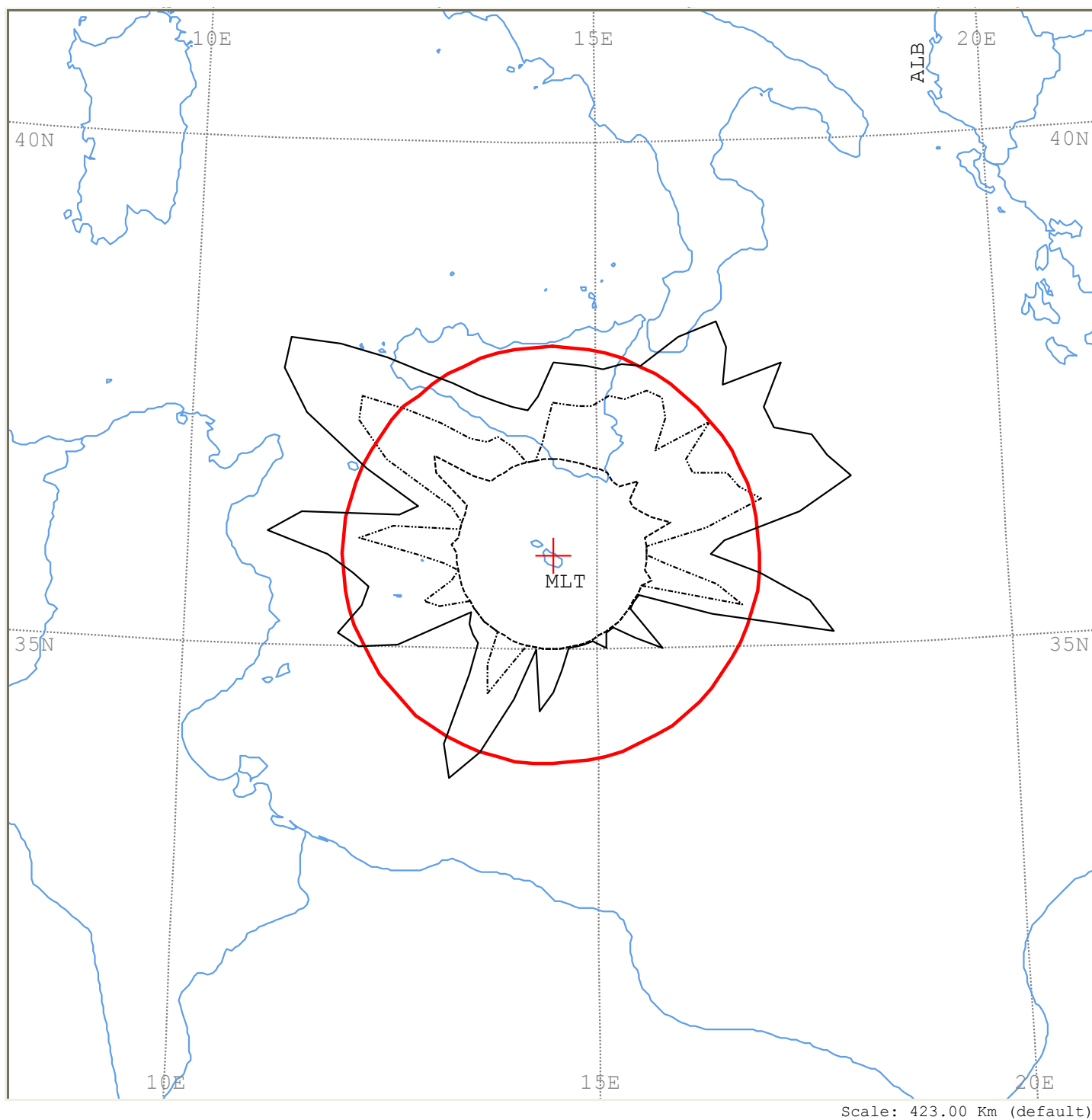


Diagram 1: 2.1_TABLE7. TRANSMITTING GSO ES in FIXED-SATELLITE SERVICE W.R.T. RECEIVING TERRESTRIAL STATIONS. TS in FS or MS

NOTICE ID: 87500999 EARTH STATION NAME: MAGTAB EARTH STATION POSITION: 014E264035N5556 PHASE: N
ADM/GEO_AREA: MLT/MLT RAIN CLIMATICAL_ZONE: K
SATELLITE_NAME: INTELSAT SATELLITE_ORBITAL_POSITION: -1.00 DEG
ANTENNA_AZIMUTH: 205.21 DEG ANTENNA_ELEVATION: 45.19 DEG
FREQUENCY_BAND: 5925.00-6425.00 MHZ ASSIGNED_FREQUENCY: 6175.00 MHZ PERCENTAGE_OF_TIME: 0.0050 %
MAXIMUM_ANTENNA_GAIN: 63.0 DBI MAXIMUM_POWER_DENSITY: -33.0 DBW/HZ NOISE_TEMPERATURE: - K
ANTENNA_PATTERN: APERR_001V01
2.1_TABLE7 Model: PLM_DUCTING

TRANSMISSION LOSS MODE 1: 180.0 DB (DOES NOT INCLUDE HOR. CORR. AND ANT. GAIN)
TRANSMISSION LOSS MODE 2: 134.0 DB

AZIMUTH	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115
OFF-AXIS	129.3	131.1	132.6	133.6	134.3	134.6	134.4	133.8	132.7	131.2	129.6	127.4	125.1	122.6	119.9	117.0	113.7	110.1	106.7	103.7	100.5	97.1	93.1	88.2
HOR.ELEV.	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.4	0.2	0.3	0.3	0.2	0.2	0.1	0.3	0.9	1.0	0.6	0.3	0.2	0.8	2.7
HOR.CORR.	13.3	13.3	13.3	13.2	12.2	11.2	10.6	10.6	12.2	15.5	9.2	13.6	13.8	10.6	9.9	8.0	13.8	22.2	23.7	18.4	12.3	9.2	21.9	32.7
ANT.GAIN	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0
COORDINATION DISTANCE (KM)																								
MODE 1																								
0.0 DB	211	211	211	212	223	230	277	313	297	264	328	284	281	314	321	340	276	189	174	229	288	320	187	104
-10.0 DB	167	166	166	168	185	187	207	211	194	161	226	181	178	212	218	238	173	104	104	126	185	217	104	104
-20.0 DB	104	104	104	104	104	104	108	108	104	104	123	104	104	109	116	135	104	104	104	104	104	114	104	104
MODE 2																								
0.0 DEG	228	228	228	228	228	228	228	228	228	228	228	228	228	228	228	228	228	228	228	229	229	229	229	229
AZIMUTH	120	125	130	135	140	145	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220	225	230	235
OFF-AXIS	84.3	81.9	78.9	75.2	71.0	67.8	65.1	61.4	58.2	55.9	53.3	51.2	49.4	47.7	45.4	45.1	44.9	44.9	44.9	44.9	45.6	47.0	48.8	50.8
HOR.ELEV.	3.2	1.8	1.0	1.4	2.5	2.3	1.5	2.3	2.5	1.8	1.8	1.4	1.1	0.9	1.8	1.0	0.5	0.3	0.5	1.1	1.5	1.5	1.5	1.7
HOR.CORR.	33.2	29.6	23.9	26.9	32.5	32.3	27.7	32.3	32.5	30.1	29.5	27.1	24.7	22.7	29.8	24.0	17.6	13.8	16.6	24.6	27.7	27.7	28.1	28.8
ANT.GAIN	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-9.4	-9.3	-9.3	-9.3	-9.3	-9.5	-9.8	-10.0
COORDINATION DISTANCE (KM)																								
MODE 1																								
0.0 DB	104	104	158	128	104	104	119	104	104	104	104	127	151	172	105	165	231	270	240	160	126	123	118	110
-10.0 DB	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	129	168	140	104	104	104	104	104
-20.0 DB	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104
MODE 2																								
0.0 DEG	229	229	229	230	230	230	230	230	230	230	230	230	230	231	231	231	231	231	231	231	231	231	230	230
AZIMUTH	240	245	250	255	260	265	270	275	280	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355
OFF-AXIS	54.0	56.8	59.7	62.5	65.5	68.8	72.2	75.8	79.2	82.2	85.6	89.5	93.3	96.8	100.3	103.7	107.0	110.2	113.3	116.4	119.3	121.8	124.3	127.0
HOR.ELEV.	0.7	0.4	0.4	0.6	0.7	0.6	0.4	0.2	0.3	0.9	1.1	0.5	0.2	0.1	0.0	0.1	0.3	0.4	0.5	0.5	0.6	0.9	1.0	0.6
HOR.CORR.	20.2	16.4	15.1	18.5	19.7	18.2	15.5	8.8	12.3	22.6	24.3	17.8	9.2	4.6	3.3	8.4	12.3	15.7	17.3	17.3	19.1	22.7	23.2	19.3
ANT.GAIN	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0
COORDINATION DISTANCE (KM)																								
MODE 1																								
0.0 DB	197	236	251	216	205	219	248	315	279	174	157	224	312	360	373	328	283	245	218	194	179	169	161	175
-10.0 DB	104	135	149	114	104	117	145	213	177	104	104	121	210	257	270	225	188	154	142	142	124	104	104	122
-20.0 DB	104	104	104	104	104	104	104	111	104	104	104	104	108	155	168	122	104	104	104	104	104	104	104	104

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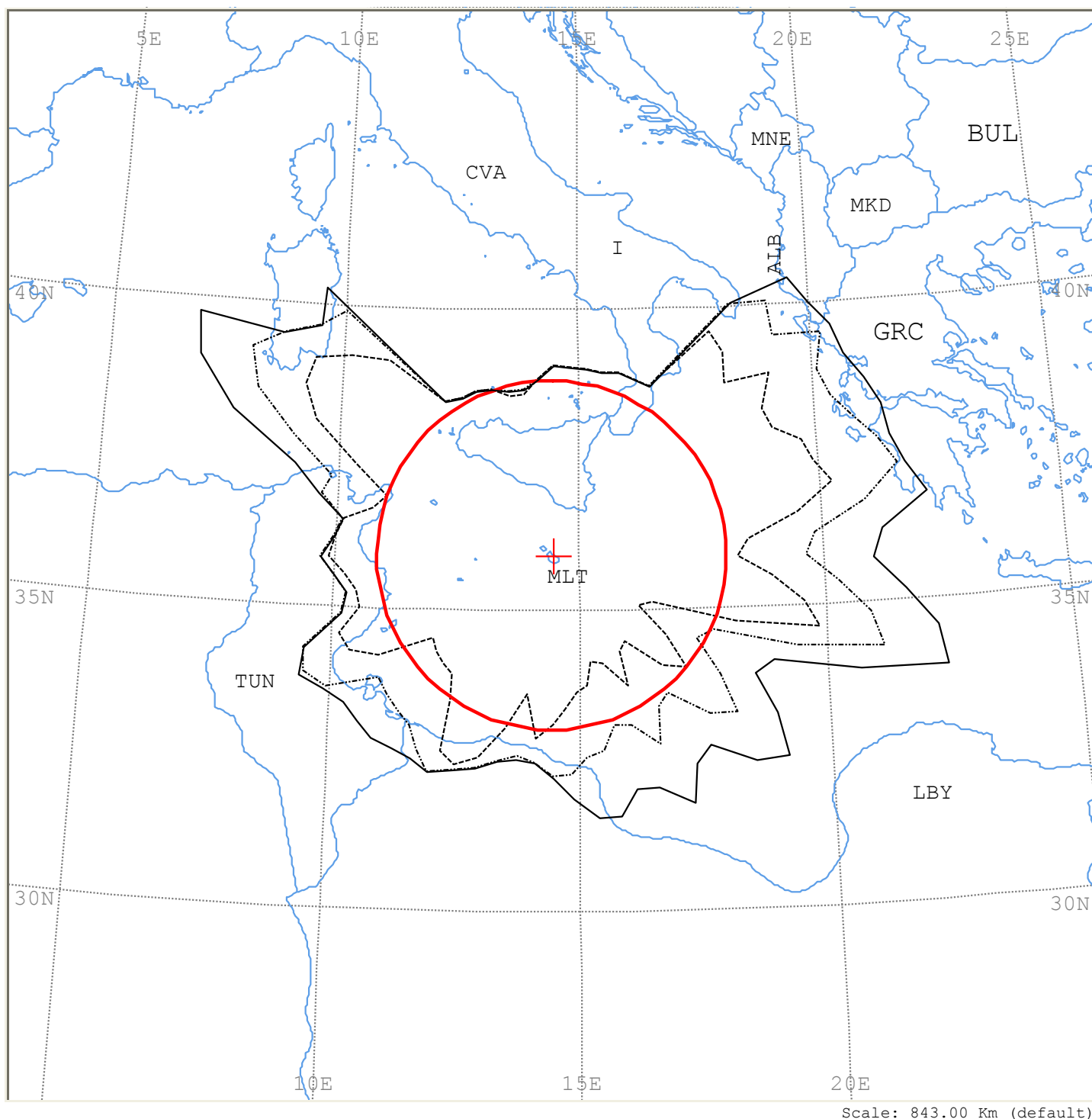
MODE 2
0.0 DEG 230 230 230 230 230 230 230 230 229 229 229 229 229 229 229 229 228 228 228 228 228 228 228

PROBABLY AFFECTED COUNTRIES: I

Diagram2: 2.1 TABLE8. RECEIVING GSOES in FIXED-SATELLITE SERVICE W.R.T. TRANSMITTING TERRESTRIAL STATIONS.
TS in FS or MS

Notice ID: 87500999
Administration/Geographical area: MLT/MLT
Satellite orbital position: -1.00
Frequency band: 3700.00-4200.00 MHz

Earth station name: MAGTAB
Earth station position: 014E264035N5556
Satellite name: INTELSAT



Scale: 843.00 Km (default)

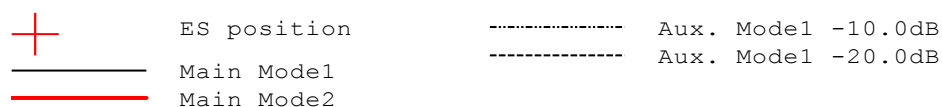


Diagram 2: 2.1_TABLE8. RECEIVING GSO ES in FIXED-SATELLITE SERVICE W.R.T. TRANSMITTING TERRESTRIAL STATIONS. TS in FS or MS

NOTICE ID: 87500999 EARTH STATION NAME: MAGTAB EARTH STATION POSITION: 014E264035N5556 PHASE: N
ADM/GEO_AREA: MLT/MLT RAIN CLIMATICAL_ZONE: K
SATELLITE_NAME: INTELSAT SATELLITE_ORBITAL_POSITION: -1.00 DEG
ANTENNA_AZIMUTH: 205.21 DEG ANTENNA_ELEVATION: 45.19 DEG
FREQUENCY_BAND: 3700.00-4200.00 MHZ ASSIGNED_FREQUENCY: 3950.00 MHZ PERCENTAGE_OF_TIME: 0.0017 %
MAXIMUM_ANTENNA_GAIN: 59.3 DBI MAXIMUM_POWER_DENSITY: - DBW/HZ NOISE_TEMPERATURE: 100.0 K
ANTENNA_PATTERN: APERR_001V01
2.1_TABLE8 Model: PLM_DUCTING

TRANSMISSION LOSS MODE 1: 204.9 DB (DOES NOT INCLUDE HOR. CORR. AND ANT. GAIN)
TRANSMISSION LOSS MODE 2: 162.9 DB

AZIMUTH	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115
OFF-AXIS	129.3	131.1	132.6	133.6	134.3	134.6	134.4	133.8	132.7	131.2	129.6	127.4	125.1	122.6	119.9	117.0	113.7	110.1	106.7	103.7	100.5	97.1	93.1	88.2
HOR.ELEV.	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.3	0.4	0.2	0.3	0.3	0.2	0.2	0.1	0.3	0.9	1.0	0.6	0.3	0.2	0.8	2.7
HOR.CORR.	11.8	11.8	11.8	11.6	10.8	9.8	9.2	9.2	10.8	13.8	8.0	12.0	12.2	9.2	8.6	6.9	12.2	20.2	21.7	16.6	10.8	8.0	19.9	32.2
ANT.GAIN	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0
COORDINATION DISTANCE	(KM)																							
MODE 1																								
0.0 DB	349	349	349	350	357	359	359	569	672	663	665	655	661	668	662	672	700	611	593	656	724	759	608	453
-10.0 DB	349	349	349	350	357	359	359	567	612	573	644	596	593	611	638	660	587	487	469	532	600	636	484	328
-20.0 DB	349	349	349	350	357	359	359	504	487	449	522	471	469	506	514	535	462	362	344	408	475	511	360	204
MODE 2																								
0.0 DEG	321	321	321	321	321	321	321	321	321	321	321	321	322	322	322	322	322	322	322	322	322	323	323	323

AZIMUTH	120	125	130	135	140	145	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220	225	230	235
OFF-AXIS	84.3	81.9	78.9	75.2	71.0	67.8	65.1	61.4	58.2	55.9	53.3	51.2	49.4	47.7	45.4	45.1	44.9	44.9	44.9	44.9	45.6	47.0	48.8	50.8
HOR.ELEV.	3.2	1.8	1.0	1.4	2.5	2.3	1.5	2.3	2.5	1.8	1.8	1.4	1.1	0.9	1.8	1.0	0.5	0.3	0.5	1.1	1.5	1.5	1.5	1.7
HOR.CORR.	33.2	27.3	21.9	24.8	31.3	30.3	25.5	30.1	31.1	27.8	27.3	24.9	22.6	20.8	27.5	22.0	15.9	12.2	14.9	22.5	25.5	25.5	25.9	26.6
ANT.GAIN	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-9.4	-9.3	-9.3	-9.3	-9.3	-9.5	-9.8	-10.0
COORDINATION DISTANCE	(KM)																							
MODE 1																								
0.0 DB	433	506	572	536	455	467	526	471	458	499	494	453	413	386	384	394	419	438	463	459	464	477	474	471
-10.0 DB	309	382	448	412	331	343	403	347	334	375	382	409	410	386	377	394	419	438	463	438	409	405	399	392
-20.0 DB	185	258	324	289	207	219	279	223	210	251	258	288	316	340	263	333	400	428	417	327	287	283	277	269
MODE 2																								
0.0 DEG	323	323	323	323	323	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324	324

AZIMUTH	240	245	250	255	260	265	270	275	280	285	290	295	300	305	310	315	320	325	330	335	340	345	350	355
OFF-AXIS	54.0	56.8	59.7	62.5	65.5	68.8	72.2	75.8	79.2	82.2	85.6	89.5	93.3	96.8	100.3	103.7	107.0	110.2	113.3	116.4	119.3	121.8	124.3	127.0
HOR.ELEV.	0.7	0.4	0.4	0.6	0.7	0.6	0.4	0.2	0.3	0.9	1.1	0.5	0.2	0.1	0.0	0.1	0.3	0.4	0.5	0.5	0.6	0.9	1.0	0.6
HOR.CORR.	18.3	14.7	13.5	16.7	17.8	16.5	13.8	7.6	10.8	20.7	22.3	16.0	8.0	3.8	2.7	7.3	10.8	14.0	15.6	15.6	17.3	20.8	21.2	17.5
ANT.GAIN	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0	-10.0
COORDINATION DISTANCE	(KM)																							
MODE 1																								
0.0 DB	490	519	491	405	386	405	427	404	392	447	507	649	749	793	644	603	646	347	334	334	326	311	309	326
-10.0 DB	483	506	490	405	386	405	427	404	392	440	433	525	625	673	641	600	589	347	334	334	326	311	309	326
-20.0 DB	370	415	420	367	367	384	413	403	389	342	323	401	502	553	567	520	467	347	334	334	326	304	301	326

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MODE 2
0.0 DEG 324 324 324 324 324 324 323 323 323 323 323 323 323 322 322 322 322 322 322 322 322 321

PROBABLY AFFECTED COUNTRIES: ALB GRC I LBY TUN