

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

Notice ID: 87501000

Administration/Geographical area: MLT/MLT

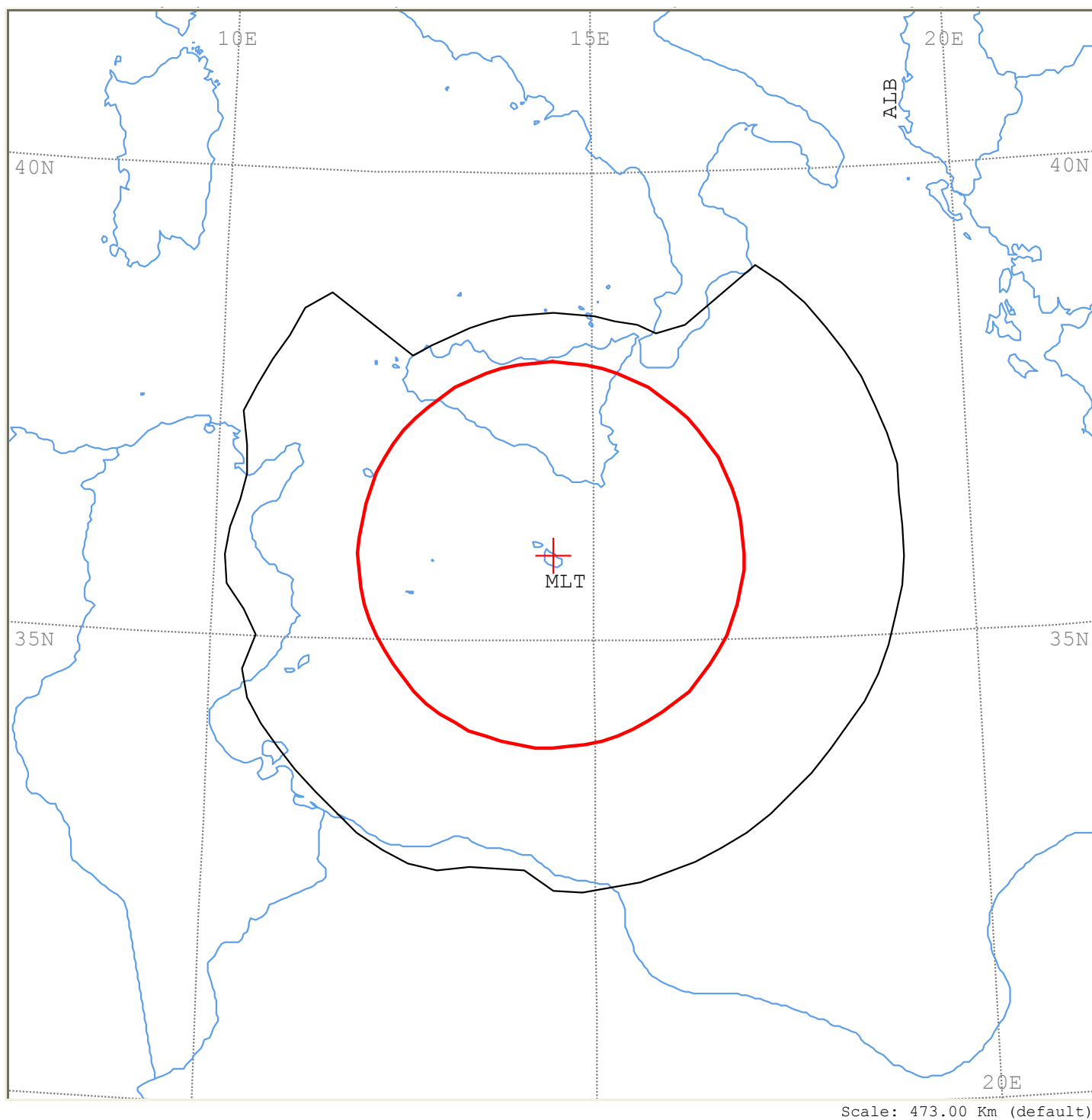
Satellite orbital position: -1.00

Frequency band: 5925.00-6425.00 MHz

Earth station name: MAGTAB

Earth station position: 014E264035N5556

Satellite name: INTELSAT






 ES position
 Main Model1
 Main Mode2

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: 87501000 EARTH STATION NAME: MAGTAB EARTH STATION POSITION: 014E264035N5556 PHASE: D
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	129.6	131.4	132.8	133.9	134.6	134.8	134.6	134.0	133.0	131.5	129.8	127.7	125.4	122.8	120.0	117.1	114.0	110.8	107.5	104.1	100.7	97.2	93.7	90.1
HOR.ELEV.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOR.CORR.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	287	287	287	287	292	291	315	421	423	423	423	423	423	423	423	417	417	417	417	414	414	412	410	
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	86.6	83.1	79.6	76.2	72.8	69.5	66.3	63.2	60.2	57.4	54.8	52.5	50.4	48.6	47.2	46.1	45.4	45.2	45.4	46.0	47.0	48.5	50.2	52.3
HOR.ELEV.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOR.CORR.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-9.8	-9.6	-9.4	-9.4	-9.4	-9.6	-9.8	-10.0	-10.0
COORDINATION DISTANCE (KM)																								
MODE 1																								
0.0 DB	404	403	402	402	402	402	402	402	402	402	402	403	399	376	378	384	399	404	406	404	400	398	398	399
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	54.6	57.2	60.0	62.9	66.0	69.2	72.5	75.9	79.3	82.8	86.3	89.9	93.4	96.9	100.4	103.8	107.2	110.5	113.7	116.8	119.8	122.6	125.2	127.5
HOR.ELEV.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOR.CORR.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	399	401	393	365	373	389	389	385	376	375	386	405	406	406	406	414	406	289	287	287	287	287	287	287
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	228

PROBABLY AFFECTED COUNTRIES: I LBY TUN

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

Notice ID: 87501000

Administration/Geographical area: MLT/MLT

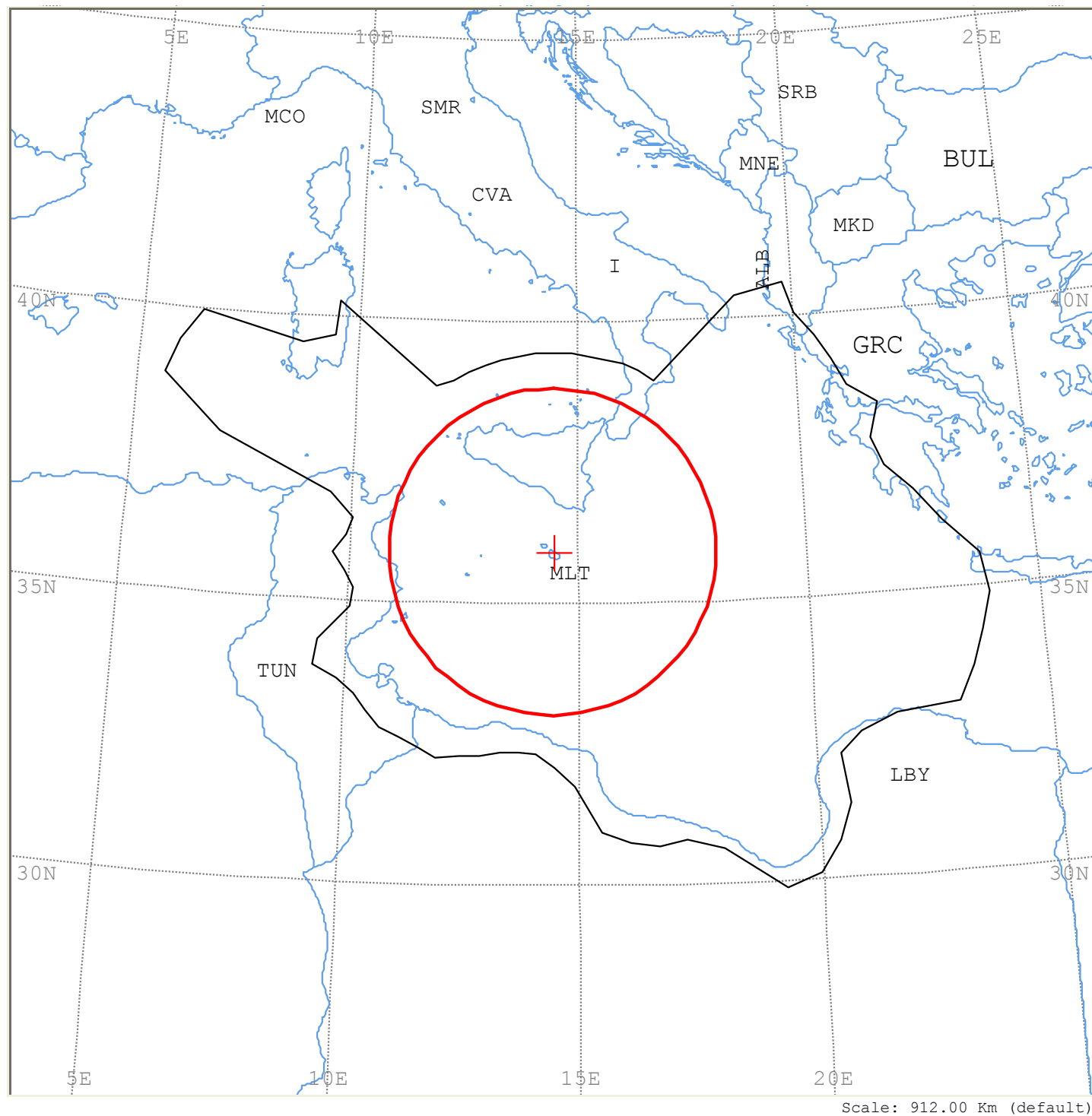
Satellite orbital position: -1.00

Frequency band: 3700.00-4200.00 MHz




Earth station name: MAGTAB

Earth station position: 014E264035N5556

Satellite name: INTELSAT



Scale: 912.00 Km (default)

 ES position
 Main Model1
 Main Mode2

ANALYSIS DATE AND TIME: 2010-10-06 10:01:15

VERSION: 1.5.0.7Appendix 7/Plt-1.6.0.0/Frm-1.8.0.0/C1c-1.5.0.2/Prp-1.2.0.0/SNS-1.0.0.142/AP7F-1.0.0.142/Ref-1.4.0.0

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: 87501000 EARTH STATION NAME: MAGTAB EARTH STATION POSITION: 014E264035N5556 PHASE: D
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	129.6	131.4	132.8	133.9	134.6	134.8	134.6	134.0	133.0	131.5	129.8	127.7	125.4	122.8	120.0	117.1	114.0	110.8	107.5	104.1	100.7	97.2	93.7	90.1
HOR.ELEV.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOR.CORR.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	392	392	392	392	396	395	392	618	697	669	668	669	665	704	665	674	719	769	841	862	858	858	855	748
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	86.6	83.1	79.6	76.2	72.8	69.5	66.3	63.2	60.2	57.4	54.8	52.5	50.4	48.6	47.2	46.1	45.4	45.2	45.4	46.0	47.0	48.5	50.2	52.3	
HOR.ELEV.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
HOR.CORR.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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	-9.8	-9.6	-9.4	-9.4	-9.4	-9.4	-9.6	-9.8	-10.0	-10.0
COORDINATION DISTANCE (KM)																									
MODE 1																									
0.0 DB	703	691	766	802	826	809	674	626	618	595	562	465	425	401	403	409	427	444	469	469	476	490	487	484	
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	54.6	57.2	60.0	62.9	66.0	69.2	72.5	75.9	79.3	82.8	86.3	89.9	93.4	96.9	100.4	103.8	107.2	110.5	113.7	116.8	119.8	122.6	125.2	127.5
HOR.ELEV.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HOR.CORR.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	497	524	496	415	400	415	435	409	401	456	701	846	848	839	645	605	650	401	392	392	392	392	392	392
MODE 2																								
0.0 DEG	324	324	324	324	324	324	323	323	323	323	323	323	323	323	322	322	322	322	322	322	322	322	322	321

PROBABLY AFFECTED COUNTRIES: ALB GRC I LBY TUN