

ANNEX 7

Tables of distances to be used in the application of Article 4 of the Agreement

The following tables give, for each frequency band, as a function of the effective radiated power, the effective antenna height (h) and the nature of the path under consideration, the limiting distances to be taken into account in the application of Article 4 of the Agreement.

For powers different from the values given in the tables, the limiting distance shall be determined by linear interpolation.

For antenna heights different from the values given in the tables, the limiting distance corresponding to the next higher height shall be used.

For mixed paths in the case of Band III, no consultation is necessary if:

- a) the total length of the path is equal to or greater than the limiting distance quoted in the table for a sea path; or
- b) the total length of those parts of the path lying over land is equal to or greater than the limiting distance quoted in the table for a land path.

For mixed paths in the case of Bands IV and V, where the percentage of sea path is different from the values quoted in the tables, the distance corresponding to the next higher percentage shall be used.

For effective antenna heights greater than 1200 m a limiting distance of 1060 km should be applied. In these cases and where an asterisk appears in the tables, the procedure given in Section 2.1 of Article 4 of the Stockholm Agreement shall be applied additionally.

Table A7.1

Band III (174 to 230 MHz)

Effective radiated power (e.r.p.)	Limiting distances in km for different effective antenna heights h								
	h = 75 m			h = 300 m			h = 1200 m		
	Land	Sea generally	Sea Mediterranean	Land	Sea generally	Sea Mediterranean	Land	Sea generally	Sea Mediterranean
300 kW	580	810	1000	620	850	1060	690	930	1060 *)
100	530	720	910	560	750	950	630	820	1030
30	470	610	810	510	650	850	580	720	930
10	420	520	720	450	550	750	520	630	820
3	360	430	610	400	470	650	470	540	720
1	310	350	520	340	390	550	410	460	630
300 W	260	280	430	290	320	470	360	390	540
100	210	220	350	240	250	390	320	330	460
30	160	160	280	190	190	320	270	270	390
10	120	120	220	150	150	250	230	230	330
3	90	90	160	120	120	190	190	190	270
1	60	60	120	90	90	150	160	160	230
300 mW	45	45	90	70	70	120	130	130	190
100	30	30	60	55	55	90	110	110	160
30	25	25	45	45	45	70	90	90	130
10	20	20	30	35	35	55	75	75	110
3	20	20	25	25	25	45	60	60	90
1	20	20	20	20	20	35	45	45	75

*) See last paragraph on page 1.

Table A7.2

**Band IV (470 to 582 MHz) and Band V (582 to 862 MHz)
h ≤ 75 m**

Effective radiated power (e.r.p.)		Limiting distances in km										
Band IV	Band V	Land path all areas	Mixed path - General					Mixed paths - Mediterranean area				
			Proportion of path lying over sea					Proportion of path lying over sea				
			20%	40%	60%	80%	100%	20%	40%	60%	80%	100%
1000 kW	-	465	490	540	650	945	1060 *)	500	595	750	1060 *)	1060 *)
300	1000 kW	410	430	490	600	895	1060 *)	450	555	690	1000	1060 *)
100	300	360	390	440	555	830	1060 *)	400	475	620	945	1060 *)
30	100	310	340	395	510	775	1060 *)	350	415	565	865	1060 *)
10	30	270	295	350	460	710	1060 *)	300	375	525	805	1060 *)
3	10	230	250	310	410	640	1060 *)	255	320	440	730	1060 *)
1	3	185	210	255	360	570	980	210	260	375	650	1060 *)
300 W	1	150	170	210	305	505	850	170	210	315	585	1060 *)
100	300 W	110	130	170	250	440	725	135	180	265	515	980
30	100	80	100	140	205	385	620	105	145	230	460	850
10	30	60	75	110	175	340	510	80	125	200	415	725
3	10	45	60	90	155	310	410	65	100	180	380	620
1	3	35	50	75	140	290	315	50	85	160	340	510
300mW	1	25	40	65	130	235	235	40	70	145	320	410
100	300mW	20	30	55	120	155	155	30	60	130	300	315
-	100	15	25	50	105	105	105	25	50	120	235	235

*) See last paragraph on page 1.

Table A7.3

**Band IV (470 to 582 MHz) and Band V (582 to 862 MHz)
75 m < h ≤ 300 m**

Effective radiated		Limiting distances in km										
power (e.r.p.)		Land path	Mixed path - General					Mixed paths - Mediterranean area				
			Proportion of path lying over sea					Proportion of path lying over sea				
Band IV	Band V	all areas	20%	40%	60%	80%	100%	20%	40%	60%	80%	100%
1000 kW	-	500	520	570	700	990	1060 *)	550	645	815	1060 *)	1060 *)
300	1000 kW	445	470	525	650	920	1060 *)	485	575	735	1060 *)	1060 *)
100	300	395	420	475	600	860	1060 *)	435	515	665	970	1060 *)
30	100	345	380	430	540	795	1060 *)	390	455	610	900	1060 *)
10	30	300	330	385	490	715	1060 *)	340	415	545	835	1060 *)
3	10	260	285	335	440	665	1060 *)	305	380	495	770	1060 *)
1	3	220	235	285	380	585	980	260	335	450	700	1060 *)
300 W	1	185	200	245	330	520	850	215	280	395	630	1060 *)
100	300 W	150	165	205	285	455	725	180	235	340	565	980
30	100	125	140	170	240	395	620	150	195	290	510	850
10	30	100	115	145	200	350	510	125	165	250	450	725
3	10	80	90	120	175	310	410	95	140	215	395	620
1	3	65	75	95	140	290	315	80	115	185	350	510
300mW	1	50	60	85	135	235	235	65	95	160	325	410
100	300mW	40	50	70	125	155	155	50	80	140	305	315
-	100	30	40	60	105	105	105	40	65	125	235	235

*) See last paragraph on page 1.

Table A7.4

**Band IV (470 to 582 MHz) and Band V (582 to 862 MHz)
300 m < h ≤ 1200 m**

Effective radiated power (e.r.p.)		Limiting distances in km										
		Land path	Mixed path - General					Mixed paths - Mediterranean area				
Band IV	Band V		all areas	Proportion of path lying over sea					Proportion of path lying over sea			
		20%		40%	60%	80%	100%	20%	40%	60%	80%	100%
1000kW	-	575	610	685	820	1060 *)	1060 *)	620	710	875	1060 *)	1060 *)
300	1000kW	520	560	635	755	1000	1060 *)	565	650	810	1060 *)	1060 *)
100	300	470	505	575	690	930	1060 *)	510	600	750	1060 *)	1060 *)
30	100	420	455	515	625	865	1060 *)	460	555	700	965	1060 *)
10	30	375	400	455	570	775	1060 *)	410	490	625	895	1060 *)
3	10	330	360	415	510	705	1060 *)	365	435	565	830	1060 *)
1	3	290	315	370	455	640	980	325	395	510	755	1060 *)
300W	1	250	275	330	410	575	850	285	350	455	680	1060 *)
100	300W	215	235	285	365	515	730	250	310	410	610	980
30	100	185	205	250	320	455	620	220	270	360	540	850
10	30	160	180	220	285	410	510	185	230	315	485	725
3	10	135	150	185	245	355	410	160	200	275	440	620
1	3	115	130	160	205	305	315	140	175	245	390	510
300mW	1	100	115	135	175	235	235	120	155	215	345	410
100	300mW	85	95	110	140	155	155	100	135	190	310	315
-	100	70	75	90	105	105	105	85	115	160	235	235

*) See last paragraph on page 1.