

ANNEX A

LIMITS OF EFFECTIVE RADIATED POWER
AND ANTENNA HEIGHT

Effective Radiated Power (ERP) is defined as the product of the power supplied to the antenna and its gain relative to a half-wave dipole in a given direction.

For base stations in the Protection Zones and Sharing Zones I and III, Table A1 lists the limits of effective Radiated Power (ERP) corresponding to the Effective Antenna Height (EAH) ranges shown. In this case, Effective Antenna Height is calculated by subtracting the Assumed Average Terrain Elevation given in Table A3 from the antenna height above mean sea level.

Effective Antenna Height (EAH)		ERP
Metres	Feet	Watts (Maximum)
0- 152	0- 500	500
153- 305	501-1000	125
306- 457	1001-1500	40
458- 609	1501-2000	20
610- 762	2001-2500	10
763- 914	2501-3000	10
915-1066	3001-3500	6
1067-1219	3501-4000	5
Above 1219	Above 4000	5

Table A1: Limits of Effective Radiated Power (ERP) Corresponding to Effective Antenna Heights of Base Stations in the Protection Zones and Sharing Zones I and III.