

Maximum Permissible Exposure

Use: General
Antenna: 2.1 dBi Dipole

Freq. MHz	EUT Power		Cable Loss Loss dB	Ant Gain dBi	Power at Ant dBm	EIRP mW	Power Density (S) at 20 cm mW/cm ²	MPE Limit at 20 cm mW/cm ²
	dBm	mW*						
2405	17.4	55.0	0	2.1	17.4	89.13	0.018	1.000
2440	16.9	49.3	0	2.1	16.9	79.98	0.016	1.000
2475	8.5	7.1	0	2.1	8.5	11.59	0.002	1.000

For the cases where S > the MPE Limit

Freq. MHz	S @ 20 cm mW/cm ²	MPE Limit mW/cm ²	Distance where S ≤ MPE Limit
2405	0.018	1.000	2.7 cm
2440	0.016	1.000	2.5 cm
2475	0.002	1.000	1.0 cm