

FCC 1.1310

FCC Equipment Class	Frequency MHz	Power dBm	Antenna Gain dBi	EIRP dBm	EIRP mW	Distance D cm	Limit mW/cm ²	PD mW/m ²	Margin dB	PD/Limit
CBD ¹	3550			36,0	3981	50	1,00	0,1267	9,0	0,1267

$$PD = EIRP / (4\pi r^2 D^2)$$

Limit = 1 in > 1500 MHz range

¹EIRP = EIRP over entire bandwidth per antenna port + 3 dB = 33 + 3 = 36 dBm