

FCC 1.1310

FCC Equipment Class	Frequency MHz	Power dBm	Antenna Gain dBi	EIRP dBm	EIRP mW	Distance D cm	Limit mW/cm <sup>2</sup>	PD mW/cm <sup>2</sup>	Margin dB	PD/Limit
B2I	3450	36,0	15,0	51,0	125893	100	1,00	1,0018	0,0	1,0018

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

Limit = 1 in > 1500 MHz range

Power (dBm) = Output power per antenna port + 3 dB (MIMO configuration) = 33 + 3 = 36 dBm