

FCC 1.1310

FCC Equipment Class	Frequency MHz	Power dBm	Antenna		EIRP dBm	EIRP mW	Distance D cm	PD mW/m^2	Limit mW/cm^2	Margin dB	PD/Limit	
			Gain dBi									
CBD <sup>1</sup>	3350				53.0	199526	150	0.7057	1.00	1.5	0.7057	
PCB <sup>2</sup>	1930	30.0	12		42.0	15849	150	0.0561	1.00	12.5	0.0561	
PCB <sup>2</sup>	2110	30.0	12		42.0	15849	150	0.0561	1.00	12.5	0.0561	
PD=EIRP/(4πrxD <sup>2</sup> )										co-location Σ =	0.8178	< 1

<sup>1</sup>EIRP = EIRP over entire bandwidth per antenna port + 3 dB = 50 + 3 = 53 dBm  
<sup>2</sup>EIRP = output power per antenna port + 3 dB + antenna gain dBi = 27 + 3 + 12 = 42 dBm