

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 ¹	3550			53,0	199526	150	0,7057	1,00	1,5	0,7057		
PCB ²	2110	30,0	12	42,0	15849	150	0,0561	1,00	12,5	0,0561		
PCB ²	2350	30,0	12	42,0	15849	150	0,0561	1,00	12,5	0,0561		
PD=EIRP/(4πrxD ²)										co-location Σ =	0,8178	< 1

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