

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 | | | 53,0 | 199526 | 150 | 1,00 | 0,7057 | 1,5 | 0,7057 |

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

Limit = 1 in > 1500 MHz range

¹EIRP = EIRP over entire bandwidth per antenna port + 3 dB = 50 + 3 = 53 dBm