

RF Exposure calculation

Maximum gain allowed for compliance at 20cm

Type of Evaluation:	FCC
---------------------	-----

Average Power at the antenna:	19.32 dBm
Average Power at the antenna:	0.09 Watts
Antenna gain:	12.5 dBi
Distance of interest:	20 cm
Frequency of operation:	470 MHz

Estimated RF Power Density: **3.0250 W/m²**

	Controlled Environment	Uncontrolled Environment
Limit of Maximum Permissible Exposure (MPE)	15.67 W/m ²	3.13 W/m ²
Distance to Compliance From Centre of Antenna	3.46 inches 8.79 cm	7.74 inches 19.65 cm
In Compliance at distance of interest?	Yes	Yes