

RF Exposure calculation

Maximum gain allowed for compliance at 20cm

Type of Evaluation:	FCC
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Average Power at the antenna:	29.7 dBm
Average Power at the antenna:	0.93 Watts
Antenna gain:	2.3 dBi
Distance of interest:	20 cm
Frequency of operation:	481.25 MHz

Estimated RF Power Density: **3.1530 W/m²**

	Controlled Environment	Uncontrolled Environment
Limit of Maximum Permissible Exposure (MPE)	16.04 W/m ²	3.21 W/m ²
Distance to Compliance From Centre of Antenna	3.49 inches 8.87 cm	7.81 inches 19.83 cm
In Compliance at distance of interest?	Yes	Yes