

### **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/m<sup>2</sup>**

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