

6.6.3. Test Data

Antenna Gain Limit specified by Manufacturer: 9 dBi

Frequency (MHz)	Measured RF Conducted (Watts)	Calculated EIRP (Watts)	Laboratory's Recommended Minimum RF Safety Distance r (meters)	Manufacturer's Minimum RF Safety Distance (meters)
156.050	25	199	2.81	3
157.425	25	199	2.81	3

Note 1: RF EXPOSURE DISTANCE LIMITS: $r = (PG/4\pi IS)^{1/2} = (EIRP/4\pi IS)^{1/2}$

$S = 0.2 \text{ mW/cm}^2$ for Limits for General Population/Uncontrolled Exposure

Evaluation of RF Exposure Compliance Requirements	
RF Exposure Requirements	Compliance with FCC Rules
Minimum calculated separation distance between antenna and persons required: 2.81 meters	Manufacturer's instruction for separation distance between antenna and persons required: 3 meters. Please refer to page # iii of the Users/ Manual and Radio Operator Warning

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All test results contained in this engineering test report are traceable to National Institute of Standards and Technology (NIST)