

6. Measurement Data (continued)

6.7. Public Exposure to Radio Frequency Energy Levels (1.1307 (b)(1)) RSS-GEN 3.2, RSS 102

6.7.1. MPE Power Density Table.

MPE Distance (cm)	DUT Output Power (dBm)	DUT Antenna Gain (dBi)	Power Density		Limit (mW/cm ²)	Result
			(mW/cm ²)	(W/m ²)		
(1)	(2)	(3)	(4)		(5)	Compliant
20.0	-1.78	0.0	0.0001320	0.0013205	1.0	

$$PD = \frac{OP + AG}{(4 \times \pi \times d^2)}$$

PD = Power Density
 OP = DUT Output Power (dBm)
 AG = Antenna Gain (dBi)
 D = MPE Distance

- Reference CFR 2.1093(b): For purposes of this section, a portable device is defined as a transmitting device designed to be used so that the radiating structure(s) of the device is/are within 20 centimeters of the body of the user.
- Section 6.1 of this test report.
- Power density is calculated from conducted power output measurement and antenna gain.
- Reference CFR 1.1310, Table 1: Limits for Maximum Permissible Exposure (MPE), Section (B): Limits for General Population/Uncontrolled Exposure.