

**6. Measurement Data (continued)**

**6.7. Public Exposure to Radio Frequency Energy Levels 1.1307 (b)(1)**

Center Frequency (MHz)	MPE Distance (cm)	DUT Output Power (dBm)	DUT Antenna Gain (dBi)	Power Density		Limit (mW/cm <sup>2</sup> )	Result
				(mW/cm <sup>2</sup> )	(W/m <sup>2</sup> )		
	(1)	(2)	(3)	(4)		(5)	
759	20.0	27.67	3.00	0.2321294	2.3212940	1	Compliant
767	20.0	28.89	3.00	0.3074186	3.0741860	1	Compliant
774	20.0	27.66	3.00	0.2315955	2.3159551	1	Compliant
789	20.0	25.66	3.00	0.1461269	1.4612689	1	Compliant
797	20.0	27.20	3.00	0.2083196	2.0831961	1	Compliant
804	20.0	27.81	3.00	0.2397343	2.3973428	1	Compliant
759	35.0	27.67	14.0000	0.9542322	9.5423216	1	Compliant
767	40.0	28.89	14.0000	0.9675427	9.6754273	1	Compliant
774	35.0	27.66	14.0000	0.9520375	9.5203748	1	Compliant
789	28.0	25.66	14.0000	0.9385860	9.3858600	1	Compliant
797	33.0	27.20	14.0000	0.9633015	9.6330154	1	Compliant
804	35.0	27.81	14.0000	0.9854941	9.8549414	1	Compliant

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

1. 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. Actual separation distance was calculated for outdoor applications, which is 40 cm
2. Section 6.1.2 of this test report. Note that the value has been adjusted to include the cable insertion loss.
3. Data supplied by the client for combination of cable loss and antenna gain.
4. Power density is calculated from field strength measurement and antenna gain.
5. Reference CFR 1.1310, Table 1: Limits for Maximum Permissible Exposure (MPE), Section (B): Limits for General Population/Uncontrolled Exposure.