6. Measurement Data (continued)

6.8. 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/cm2)	Result
				(mW/cm2)	(W/m2)		
	(1)	(2)	(3)	(4)		(5)	
766	20.0	33.20	3.00	0.8293353	8.2933529	2.55	Compliant
771	20.0	32.95	3.00	0.7829430	7.8294300	2.57	Compliant
771	20.0	33.06	3.00	0.8030270	8.0302699	2.57	Compliant
771	20.0	33.09	3.00	0.8085933	8.0859331	2.57	Compliant
771	20.0	32.87	3.00	0.7686527	7.6865268	2.57	Compliant
796	20.0	33.32	3.00	0.8525702	8.5257019	2.65	Compliant
802	20.0	32.65	3.00	0.7306849	7.3068492	2.67	Compliant
802	20.0	32.66	3.00	0.7323693	7.3236932	2.67	Compliant
802	20.0	32.72	3.00	0.7425576	7.4255760	2.67	Compliant
802	20.0	32.55	3.00	0.7140525	7.1405250	2.67	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.
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 (A): Limits for Occupational/Controlled Exposure. f/300 where f is in MHz

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