

General Power Density

Site Name: Plattsville CT RELO  
 Cumulative Power Density

Operator	Operating Frequency (MHz)	Number of Trans.	ERP Per Trans. (watts)	Total ERP (watts)	Distance to Target (feet)	Calculated Power Density (mW/cm <sup>2</sup> )	Maximum Permissible Exposure* (mW/cm <sup>2</sup> )	Fraction of MPE (%)
5G 28GHz	28000	0	610	0	130	0.0000	1.0	0.00%
VZW CBRS	3600	0	50	0	130	0.0000	1.0	0.00%
VZW PCS	1970	1	6907	6906.788	130	0.1470	1.0	14.70%
VZW Cellular LTE	869	1	499	499	130	0.0106	0.579333333	1.83%
VZW Cellular	869	1	499	499	130	0.0106	0.579333333	1.83%
VZW AWS	2145	1	7,400.76	7400.757	130	0.1575	1.0	15.75%
VZW 700	746	1	3014.922	3014.922	130	0.0642	0.497333333	12.90%

**Total Percentage of Maximum Permissible Exposure**

47.01%

\*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Section 1.13101 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-

MHz = Megahertz

mW/cm<sup>2</sup> = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case maximum values used, including the following assumptions:

1. closest accessible point is distance from antenna to base of pole;
2. continuous transmission from all available channels at full power for indefinite time period; and,
3. all RF energy is assumed to be directed solely to the base of the pole.