

**Site Name:** Pomfret Center CT, Site A & B  
**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 (%)
VZW PCS	1970	0	0	0	150	0.0000	1.0	0.00%
VZW Cellular	869	0	0	0	150	0.0000	0.5793333333	0.00%
VZW AWS	2145	1	8326	8326	150	0.1331	1.0	13.31%
VZW 700	746	1	2657	2657	150	0.0425	0.4973333333	8.54%

**Total Percentage of Maximum Permissible Exposure** 21.85%

\*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 C95.1-1992

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.

Site Name: Pomfret Center CT, Site C

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 (%)
VZW PCS	1970	0	0	0	130	0.0000	1.0	0.00%
VZW Cellular	869	0	0	0	130	0.0000	0.5793333333	0.00%
VZW AWS	2145	1	8326	8326	130	0.1772	1.0	17.72%
VZW 700	746	1	2657	2657	130	0.0565	0.4973333333	11.37%

**Total Percentage of Maximum Permissible Exposure**

29.09%

\*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 C95.1-1992

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.