

ATTACHMENT 4

General Power Density

Site Name: Plymouth West Relo, CT
 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 ²)	Maximum Permissible Exposure* (mW/cm ²)	Fraction of MPE (%)
VZW PCS	1970	11	418	4599.522	140	0.0844	1.0	8.44%
VZW Cellular	869	9	392	3524.622	140	0.0647	0.5793333333	11.16%
VZW AWS	2145	1	1750	1750	140	0.0321	1.0	3.21%
VZW 700	746	1	1050	1050	140	0.0193	0.4973333333	3.87%

Total Percentage of Maximum Permissible Exposure

26.69%

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Part 1 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992

MHz = Megahertz

mW/cm² = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case maximum values used.