

**TAB 7**

General Power Density

SITE 1

Site Name: Glastonbury S2, 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 <sup>2</sup> )	Maximum Permissible Exposure* (mW/cm <sup>2</sup> )	Fraction of MPE (%)
VZW PCS	1970	3	538.88	1616.64	110	0.0480	1.0	4.80%
VZW Cellular	869	9	432.07	3888.63	110	0.1156	0.579	19.96%
VZW 700	746	1	879.3	879.3	110	0.0261	0.4973	5.26%

**Total Percentage of Maximum Permissible Exposure**

30.02%

\*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/cm<sup>2</sup> = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case maximum values used.

General Power Density

SITE 2

Site Name: Glastonbury S2, 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 <sup>2</sup> )	Maximum Permissible Exposure* (mW/cm <sup>2</sup> )	Fraction of MPE (%)
VZW PCS	1970	3	339.72	1019.16	160	0.0143	1.0	1.43%
VZW Cellular	869	9	401.82	3616.38	160	0.0508	0.579	8.77%
VZW 700	746	1	822.36	822.36	160	0.0116	0.4973	2.32%

**Total Percentage of Maximum Permissible Exposure**

12.53%

\*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/cm<sup>2</sup> = milliwatts per square centimeter

ERP = Effective Radiated Power

Absolute worst case maximum values used.