

Site Name: Woodbridge N 2 CT
Cumulative Power Density

Operator	Operating Frequency (MHz)	Number of Trans.	ERP Per Trans. (watts)	Total ERP -10 dB** (watts)	Distance to Target (feet)	Calculated Power Density (mW/cm^2)	Maximum Permissible Exposure* (mW/cm^2)	Fraction of MPE (%)
VZW 700	746	4	807	323	100	0.0116	0.4973333333	2.33%
VZW Cellular	880	4	449	180	100	0.0065	0.5866666667	1.10%
VZW PCS	1,970	4	1,681	672	100	0.0242	1.0	2.42%
VZW AWS	2,145	4	1,700	680	100	0.0245	1.0	2.45%
VZW CBRS	3,550	4	54	22	100	0.0008	1.0	0.08%
VZW C-Band	3,700	1	26,002	2,600	100	0.0935	1.0	9.35%

Total Percentage of Maximum Permissible Exposure 17.73%

*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

**Calculation includes a -10 dB Off Beam Antenna Pattern Adjustment pursuant to Attachments B and C of the Siting Council's November 10, 2015 Memorandum for Exempt Modification filings

MHz = Megahertz
mW/cm^2 = 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