

General Power Density

Site Name: Washington North
Tower Height: Verizon @ 150 Ft.

Operator	Operating Frequency	Number of Trans.	ERP Per Trans.	Total ERP	Distance to Target	Calculated Power Density	Maximum Permissible Exposure	Fraction of MPE
	(MHz)		(watts)	(watts)	(feet)	(mW/cm ²)	(mW/cm ²)	(%)
Verizon	1900	6	256	1536	150	0.0246	1	2.46%
Alltel	880	19	100	1900	140	0.0349	0.56733	6.14%
Sprint	1900	11	122	1342	130	0.0286	1	2.86%
Nextel	880	24	100	2400	130	0.0511	0.56733	9.00%
AT&T	1900	3	427	1281	120	0.0320	1	3.20%
Cingular	880	19	100	1900	120	0.0474	0.56733	8.36%
T-Mobile	1900	25	76	1900	110	0.0565	1	5.65%
Total Percentage of Maximum Permissible Exposure								37.67%

*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

verizonwireless