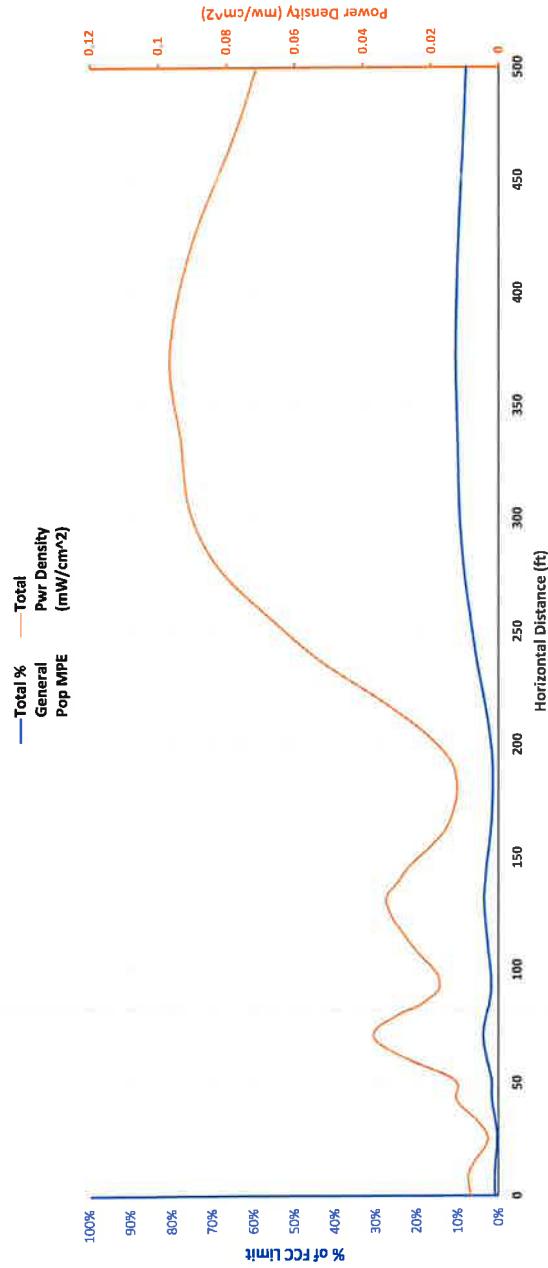


Location		LITCHFIELD SE CT			
Date	12/8/2022				
Band	C-Band	AWS	PCS	850-LTE	700
Operating Frequency (MHz)	3,700	2,145	1,970	880	746
General Population MPE (mW/cm <sup>2</sup> )	1	1	1	0.586666667	0.497333333
ERP Per Transmitter (Watts)	22,121	3,981	3,236	891	1,820
Number of Transmitters	2	4	4	4	4
Antenna Centerline (feet)	105	105	105	105	105
Total ERP (Watts)	44,242	15,924	12,944	3,565	7,279
Total ERP (dBm)	76	72	71	66	69
Maximum % of General Population Exposed	10.8%				

### RF Exposure 6ft Above Ground Level Far Field Formula (per FCC OET65)



Angle Below Horizon	C-Band	AWS	PCS	850-LTE	700 MHz	3G/4G	C-Band	CBRS	AWS	PCS	Cellular	CUM#	700 MHz	Distance	Total Pwr Density (mW/cm²)	Total % General Pop MPE
90	0.008024301	3.10194E-06	8.10278E-07	6.36258E-05	7.88194E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.02%	0	0.008211148	0.83%
89	0.008023433	5.60514E-06	1.40795E-07	6.24577E-05	8.06466E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.02%	1.029848831	0.008214932	0.83%
88	0.0080207656	1.33182E-05	6.75221E-07	6.07358E-05	7.68148E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.02%	2.0603254	0.008403396	0.85%
87	0.008317327	2.55935E-05	2.59544E-06	5.78375E-05	6.874E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	3.092058978	0.008517579	0.86%
86	0.008504595	3.81886E-05	5.15087E-06	5.34416E-05	5.90038E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	4.125681905	0.008708664	0.89%
85	0.008496267	4.57566E-05	7.91507E-06	4.79131E-05	5.00558E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	5.161831148	0.008695164	0.88%
84	0.008683736	4.4252E-05	1.23008E-05	4.21631E-05	4.2947E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	6.201149881	0.008873167	0.89%
83	0.008671375	3.44599E-05	1.96931E-05	3.71804E-05	3.79589E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	7.244289093	0.008849642	0.89%
82	0.008657075	2.2418E-05	2.8747E-05	3.0092E-05	3.52856E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	8.291909247	0.008828234	0.89%
81	0.00864082	1.50238E-05	3.58742E-05	3.4796E-05	3.50575E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	9.344681979	0.008813544	0.89%
80	0.008436316	1.52337E-05	3.989E-05	3.58609E-05	3.68014E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	10.40329186	0.008698663	0.87%
79	0.008215196	1.96266E-05	4.32959E-05	4.15761E-05	3.99801E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	11.46843824	0.008421588	0.85%
78	0.007825167	2.22188E-05	4.86094E-05	5.07831E-05	4.39258E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	12.54083714	0.008064367	0.81%
77	0.007282201	1.99751E-05	5.65574E-05	6.36046E-05	4.76967E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	0.00%	0.01%	13.62122328	0.007554652	0.77%



5	0.03385455	8.01388E-05	0.000158432	0.002316556	0.00456923	0.00%	0.04%	3.39%	0.07%	0.01%	0.07%	0.39%	0.17%	0.92%	674.370859	0.042579048	4.96%
4	0.020812425	0.00048927	0.000817616	0.001661684	0.003270007	0.00%	0.09%	2.08%	0.01%	0.05%	0.08%	0.28%	0.13%	0.86%	843.7393091	0.028202647	3.32%
3	0.01089825	0.00144578	0.001308116	0.000994593	0.001984475	0.00%	0.07%	1.09%	0.01%	0.11%	0.13%	0.17%	0.09%	0.40%	1125.787065	0.017056335	2.01%
2	0.004127172	0.001119125	0.001063847	0.000447588	0.000913858	0.00%	0.01%	0.41%	0.00%	0.11%	0.11%	0.08%	0.04%	0.18%	1689.538944	0.00800459	0.94%
1	0.000840319	0.000428223	0.00036785	0.000108051	0.000228386	0.00%	0.00%	0.08%	0.00%	0.04%	0.04%	0.02%	0.01%	0.05%	3380.107736	0.002058203	0.24%