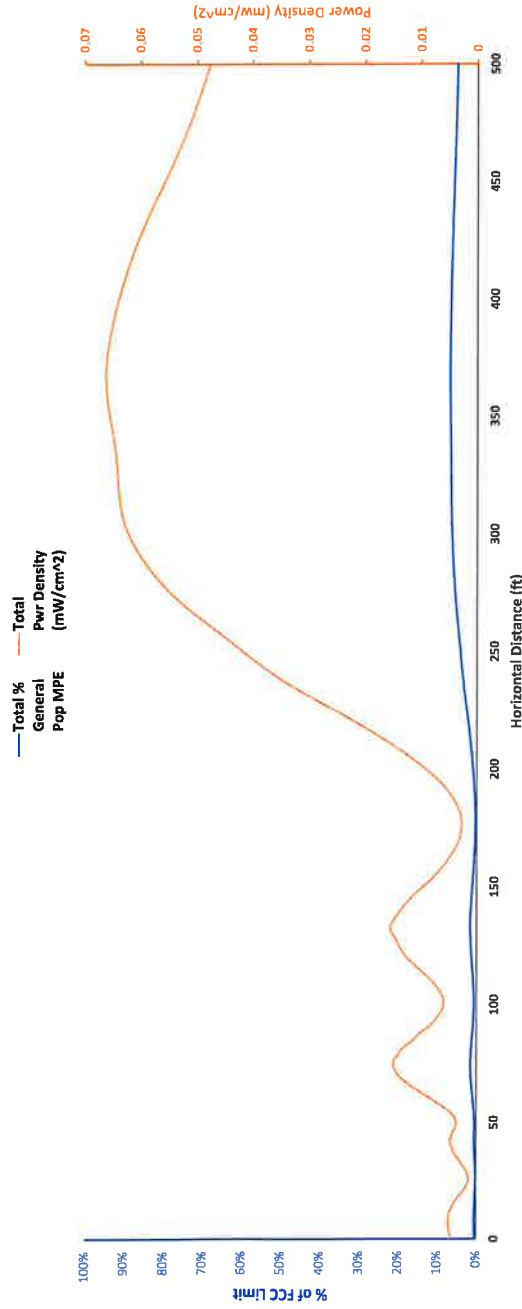


Location		WILTON SOUTH CT					
Date		10/21/2022					
Band	C-Band	AWS	PCS	850-LTE	700		
Operating Frequency (MHz)	3,700	3,550	1,970	880	746		
General Population MPE (mW/cm ²)	1	1	1	0.566666667	0.497333333		
ERP Per Transmitter (Watts)	16,788	42	1,303	495	495		
Number of Transmitters	2	4	4	4	4		
Antenna Centerline (feet)	120	120	120	120	120		
Total ERP (Watts)	33,576	169	5,210	1,981	1,981		
Total ERP (dBm)	75	52	67	63	63		
Maximum % of General Population Limit	5.9%						

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



Angle Below Horizon	Power Density (mW/cm ²)										Cellular	CDMA	700 MHz	Distance	Total Pwr Density (mW/cm ²)	Total % General Pop MPE
	C-Band	CBRS	AWS	850-LTE	PCS	700 MHz	3G/4G	2G/3G	C-Band	CDMA						
90	0.004592658	1.69392E-06	7.65412E-07	2.19226E-07	2.6662E-05	1.61768E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.004638176	0.47%
89	0.004592283	2.03637E-06	1.38312E-06	3.80941E-08	2.61732E-05	1.65222E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.004638466	0.47%
88	0.004469381	2.18147E-06	3.28656E-06	1.82705E-07	2.54537E-05	1.57671E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.004744972	0.48%
87	0.00476151	2.50996E-06	6.30341E-06	7.02389E-07	2.42422E-05	1.41115E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.004809261	0.48%
86	0.004869627	2.62013E-06	9.42599E-06	1.39421E-06	2.24039E-05	1.21135E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.004917586	0.49%
85	0.004866028	3.00609E-06	1.12891E-06	2.14291E-06	2.00911E-05	1.02802E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.004917586	0.49%
84	0.004974861	3.10884E-06	1.09298E-06	3.33127E-06	1.76852E-05	8.82286E-06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.004917586	0.49%
83	0.004969514	4.97899E-06	8.51422E-06	5.33511E-06	1.56006E-05	7.80085E-06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.005011941	0.50%
82	0.004963323	7.02425E-06	5.5412E-06	7.79114E-06	1.42758E-05	7.25495E-06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.005011744	0.50%
81	0.004956279	9.68241E-06	3.71524E-06	9.7712E-06	1.4066E-05	7.21081E-06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00500521	0.50%
80	0.004835734	1.27435E-05	3.76958E-06	1.08216E-05	1.4066E-05	7.17391E-06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00500675	0.50%
79	0.00471273	1.63877E-05	4.85872E-06	1.17386E-05	1.50762E-05	7.57391E-06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.004885718	0.49%
78	0.004496442	2.05905E-05	5.50391E-06	1.32029E-05	1.15633E-05	9.05041E-06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.004775966	0.48%
77	0.004187046	2.41399E-05	4.95152E-06	1.57222E-05	2.67754E-05	9.83131E-06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.004212328	0.43%
76	0.003989226	2.82937E-05	3.6118E-06	1.84383E-05	3.35522E-05	1.03448E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0040683502	0.41%
75	0.003713569	3.16387E-05	2.28888E-06	2.38572E-05	4.11737E-05	1.03186E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.003822876	0.39%
74	0.003377561	3.46283E-05	1.49773E-06	3.40747E-05	4.86891E-05	9.60354E-06	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.003506054	0.36%

