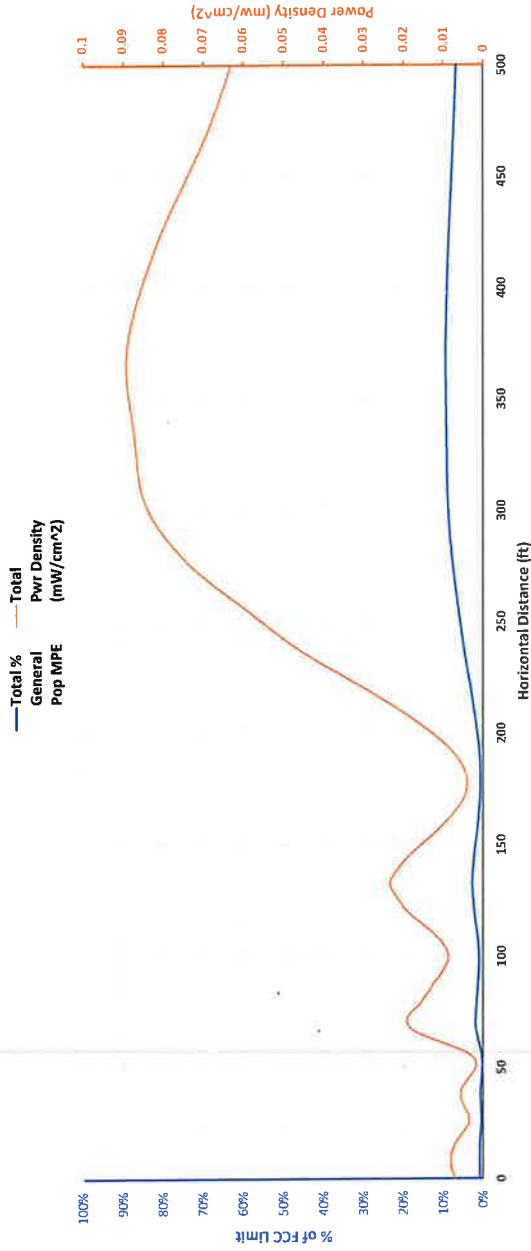


Location		Broadbrook RELO CT				
Date	7/31/2023					
Band	C-Band	CBRS	AWS	PCS	700	
Operating Frequency (MHz)	3,700	3,650	2,145	1,970	880 746	
General Population MPE (mW/cm ²)	1	1	1	1	0.58666667 0.48733333	
ERP Per Transmitter (Watts)	22,131	50	1,525	1,397	715 661	
Number of Transmitters	2	4	4	4	4 4	
Antenna Centerline (feet)	115	115	115	115	115 115	
Total ERP (Watts)	44,262	200	6,100	5,588	2,860 2,644	
Total ERP (dBm)	76	53	68	67	65 64	
Maximum of General Population Limit	9.4%					

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



Angle Below Horizon	Power Density (mW/cm ²)					Percent of General Population MPE					Distance	Total Pwr Density (mW/cm ²)	Total % General Pop MPE	
	C-Band	CBRS	AWS	PCS	700 MHz	CBRS	CBRS	AWS	PCS	Cellular				
90	0.0062499	4.6917E-07	2.6008E-05	3.9650E-05	0.00055829	4.2000E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.007289629	0.77%
89	0.0062497	5.9357E-07	2.5783E-05	3.2226E-05	0.00061279	3.5749E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.007327053	0.78%
88	0.0062496	5.9137E-07	2.5478E-05	2.6187E-05	0.00068738	2.9723E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.007543704	0.81%
87	0.0062495	5.1483E-07	2.9239E-05	2.1772E-05	0.00075369	2.5287E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.007695688	0.83%
86	0.007021019	4.0869E-07	3.595E-05	1.6505E-05	0.00060743	2.1019E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.007901646	0.85%
85	0.007015345	3.1931E-07	4.2034E-05	1.1675E-05	0.000844081	1.7469E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.007931105	0.85%
84	0.00717164	2.141E-07	4.4186E-05	1.4023E-05	0.00082886	1.4854E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.008107765	0.87%
83	0.007163211	2.3448E-07	4.1153E-05	1.8464E-05	0.00081948	1.3531E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.008118543	0.88%
82	0.007153455	2.6883E-07	4.0151E-05	2.0689E-05	0.00080746	1.3205E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.008108526	0.87%
81	0.007142357	1.8148E-07	7.4669E-05	2.0857E-05	0.0007938	1.4456E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.008131701	0.88%
80	0.006967607	1.6522E-07	0.000118136	2.1101E-05	0.00089294	1.7350E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00822654	0.87%
79	0.0067958	4.2877E-07	0.000155432	0.00015432	0.000938805	2.0819E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.007939043	0.86%
78	0.006476058	8.8371E-07	0.000190834	3.7371E-05	0.001003797	2.4977E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0077439	0.85%
77	0.006029651	1.2748E-06	0.000223661	4.4824E-05	0.001098063	2.9589E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.007627493	0.82%
76	0.005743585	1.3510E-06	0.000262109	4.3024E-05	0.001173594	3.4309E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00763952	0.81%
75	0.005345409	2.7731E-06	0.0003071	5.74389E-05	0.001283264	3.9283E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00755269	0.80%
74	0.004860529	5.7767E-06	0.000335724	6.72836E-05	0.00137094	4.3945E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.0066842	0.77%
73	0.004318055	9.3887E-06	0.000366933	7.7004E-05	0.001430946	5.0294E-05	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00525272	0.73%

