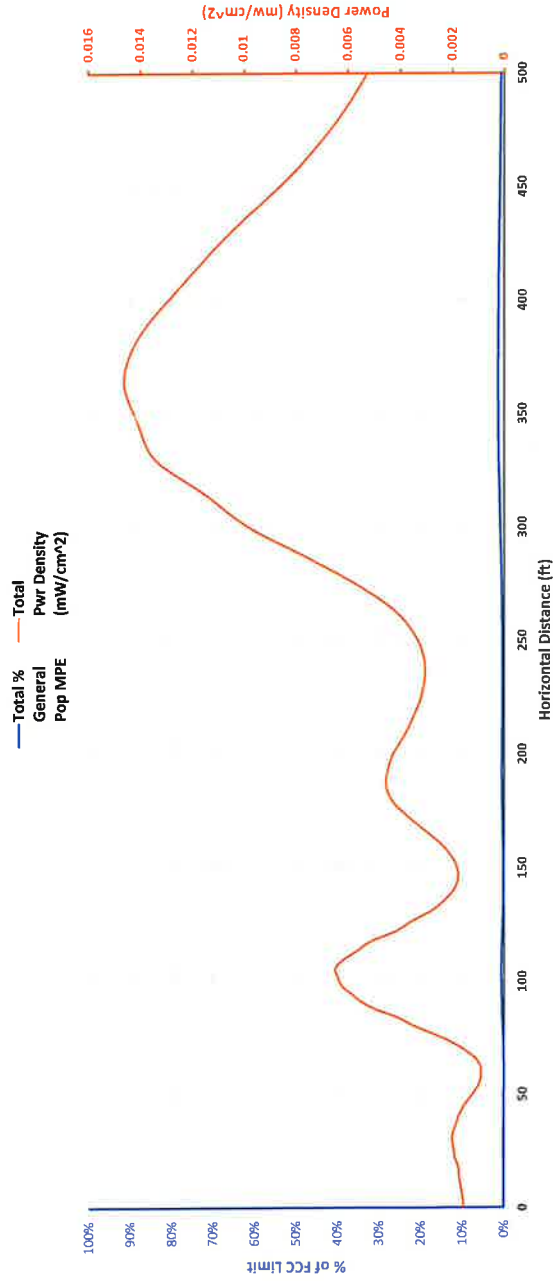


Location		Haddam 3 CT 7/13/2023			
Band	G-Band	AWS	PCS	850-LTE	700
Operating Frequency (MHz)	3,700	2,145	1,970	880	746
General Population MPE (mW/cm ²)	1	1	1	0.586666667	0.497333333
ERP Pair Transmitter (Watts)	21,878	4,102	3,483	1,799	2,541
Number of Transmitters	2	2	2	2	2
Antenna Centerline (feet)	146	146	146	146	146
Total ERP (Watts)	43,755	8,204	6,967	3,598	5,082
Total ERP (dBm)	76	69	68	66	67
Estimated General Population Limit					

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



Angle Below Horizon	C-Band	AWS	PCS	850-LTE	700 MHz	Total Pwr Density (mW/cm ²)	Distance	Total Pwr Density (mW/cm ²)	Points (per ft)
90	0.001565373	1.5262E-06	4.32133E-07	1.73228E-06	7.52892E-06	0.001576591	0	0.001576591	0.16%
89	0.001564896	1.52576E-06	3.18042E-07	2.05346E-06	8.04424E-06	0.001576838	2.44370909	0.001576838	0.16%
88	0.001599884	1.44573E-06	6.39865E-07	2.38278E-06	8.61168E-06	0.001612964	4.888507729	0.001612964	0.16%
87	0.001634657	1.15193E-06	1.20344E-06	2.75693E-06	9.29878E-06	0.001649068	7.3370891	0.001649068	0.17%
86	0.001669166	7.70015E-07	1.82599E-06	3.21738E-06	1.00346E-05	0.001685013	9.789753672	0.001685013	0.17%
85	0.001703359	6.64211E-07	2.34086E-06	3.77838E-06	1.06981E-05	0.001720841	12.28841289	0.001720841	0.17%
84	0.001737187	1.15099E-06	2.62934E-06	4.40399E-06	1.11904E-05	0.001756561	14.7459294	0.001756561	0.18%
83	0.001770291	2.17831E-06	2.87819E-06	5.00172E-06	1.13532E-05	0.001751703	17.18983853	0.001751703	0.18%
82	0.001803353	3.35833E-06	3.69933E-06	5.44657E-06	1.10439E-05	0.001751686	19.67571686	0.001751686	0.18%
81	0.0018378701	4.32372E-06	5.87296E-06	5.62157E-06	1.03005E-05	0.00180482	22.17382165	0.00180482	0.19%
80	0.001911264	5.00404E-06	9.73465E-06	5.46161E-06	9.14787E-06	0.001940612	24.6857773	0.001940612	0.20%
79	0.001943171	5.57841E-06	1.46053E-05	4.94892E-06	7.88264E-06	0.001975986	27.21324328	0.001975986	0.20%
78	0.001974361	6.35955E-06	1.91173E-05	4.20171E-06	6.07332E-06	0.002010113	29.75791863	0.002010113	0.20%
77	0.001989441	7.72797E-06	2.20834E-05	3.3271E-06	4.4778E-06	0.001996757	32.32154676	0.001996757	0.20%

5	0.004733799	6.77969E-06	2.28144E-05	0.000495689	0.000701793	0.00%	0.47%	0.00%	0.00%	0.00%	0.00%	0.00%	0.08%	0.00%	0.14%	1600.207322	0.005960876	0.70%
4	0.003562763	6.5281E-05	8.80616E-05	0.000321208	0.0004537718	0.00%	0.36%	0.00%	0.01%	0.01%	0.05%	0.00%	0.05%	0.00%	0.09%	2002.093276	0.004491032	0.52%
3	0.002098995	0.000123089	0.000129187	0.000178798	0.000253057	0.00%	0.21%	0.00%	0.01%	0.01%	0.03%	0.00%	0.03%	0.00%	0.05%	2571.359136	0.002784065	0.32%
2	0.000955556	0.000109208	0.000101685	7.67614E-05	0.000109965	0.00%	0.10%	0.00%	0.01%	0.01%	0.01%	0.00%	0.01%	0.00%	0.02%	4009.07546	0.001353196	0.15%
1	0.000244528	3.99327E-05	3.486E-05	1.81271E-05	2.63832E-05	0.00%	0.02%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.01%	8020.594628	0.0003563831	0.04%