

*Guidelines adopted by the FCC on August 1, 1996, 47 CFR Section 1.1310 based on NCRP Report 86, 1986 and generally on ANSI/IEEE C95.1-1992

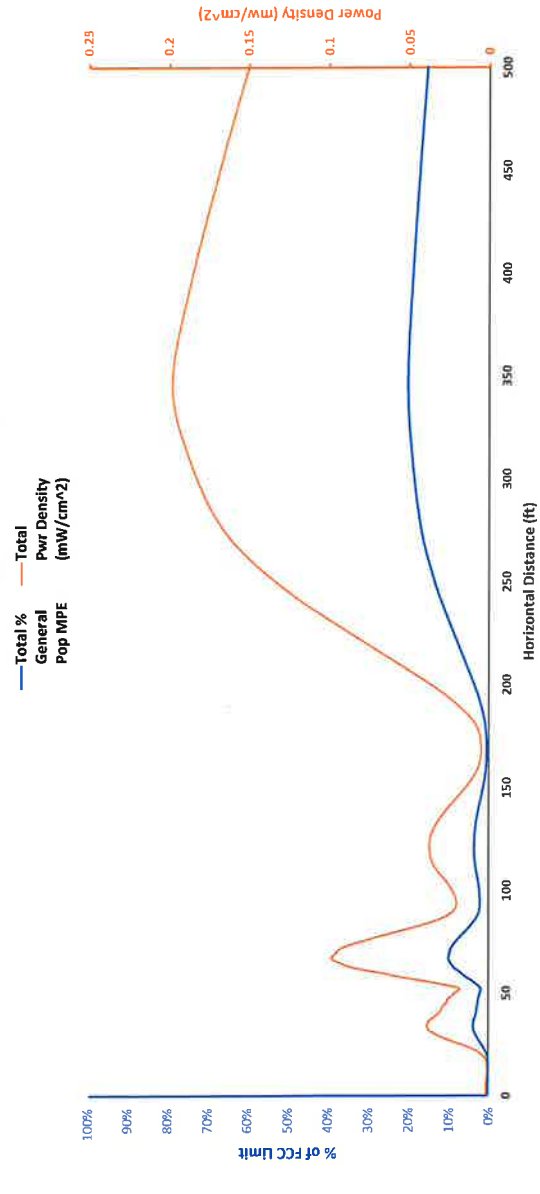
MHz = Megahertz
 mW/cm² = milliwatts per square centimeter
 ERP = Effective Radiated Power

Absolute worst case maximum values used, including the following assumptions:

1. closest accessible point is distance from antenna to base of pole;
2. continuous transmission from all available channels at full power for indefinite time period;
3. calculation takes into account a point of interest of 2m or 6.56ft

Location		MILFORD, EAST CT			
Date	Band	AWS	PCS	850	700
2/5/2024 <td></td> <td>2,145</td> <td>1,970</td> <td>880</td> <td>746</td>		2,145	1,970	880	746
Operating Frequency (MHz)		3,700	1	0.58666667	0.49733333
General Population MPE (mW/cm ²)		59,609	8,898	7,750	3,462
ERP Per Transmitter (Watts)		1	1	1	1
Number of Transmitters		118	117	117	117
Antenna Centerline (CL) (feet)		119,218	8,898	7,750	3,462
Total ERP (Watts)		81	69	66	65
Total ERP (dBm)		20.3%			

RF Exposure 6.56ft Above Ground Level Far Field Formula (per FCC OET65)



Angle Below Horizon	C-Band	AWS	PCS	850-LTE	700 MHz	3GPP	2.5GHz	C-Band	CRBS	AWS	PCS	Cellular	CoMA	700 MHz	Distance	Total Pwr Density (mW/cm ²)	Total % General Pop MPE
90	0.001591807	6.58972E-05	7.74225E-06	2.74705E-06	1.28489E-05	0.000%	0.000%	0.16%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0	0.001669478	0.17%
89	0.001591716	7.0506E-05	8.48871E-06	2.56355E-06	1.17177E-05	0.000%	0.000%	0.16%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	0.846570649	0.001674546	0.17%
88	0.001591484	7.39205E-05	9.09421E-06	2.23295E-06	1.04416E-05	0.000%	0.000%	0.16%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	1.69365732	0.001677736	0.17%
87	0.001590991	7.5184E-05	9.58687E-06	1.94374E-06	9.09153E-07	0.000%	0.000%	0.16%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	2.541777295	0.001682996	0.17%
86	0.001590355	8.28815E-05	1.06772E-05	1.61606E-06	8.28815E-07	0.000%	0.000%	0.16%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	3.391450379	0.001686358	0.17%
85	0.001590353	8.67414E-05	1.17011E-05	1.22526E-06	7.38289E-07	0.000%	0.000%	0.16%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	4.243200181	0.001653759	0.17%
84	0.001517035	9.28844E-05	1.25298E-05	8.8704E-07	6.57571E-07	0.000%	0.000%	0.15%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	5.09755541	0.001623993	0.16%
83	0.00148139	9.71866E-05	1.34155E-05	5.3408E-07	6.13206E-07	0.000%	0.000%	0.14%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	5.955051204	0.00159314	0.16%
82	0.001446411	0.000101675	1.4362E-05	2.67434E-07	5.85081E-07	0.000%	0.000%	0.13%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	6.816230483	0.001563901	0.15%
81	0.001348531	0.000109937	1.57315E-05	1.43473E-07	5.98096E-07	0.000%	0.000%	0.13%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	7.861645356	0.001489941	0.15%
80	0.001297119	0.000106236	1.72294E-05	3.5178E-07	6.40134E-07	0.000%	0.000%	0.13%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	8.551858564	0.001381576	0.14%
79	0.001145084	0.0001061	1.9307E-05	8.4278E-07	7.3403E-07	0.000%	0.000%	0.11%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	9.427444993	0.001272067	0.13%
78	0.001019159	0.000103538	2.2136E-05	1.64097E-06	9.01778E-07	0.000%	0.000%	0.10%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	10.30899324	0.001147376	0.11%
77	0.000971828	9.87247E-05	2.59672E-05	2.84725E-06	1.15991E-06	0.000%	0.000%	0.10%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	11.19710727	0.001100527	0.11%
76	0.000970238	8.98859E-05	3.04573E-05	4.40424E-06	1.56204E-06	0.000%	0.000%	0.10%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	12.09240814	0.001086546	0.11%
75	0.000951076	7.99641E-05	3.57187E-05	6.65112E-06	2.15226E-06	0.000%	0.000%	0.10%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	12.99535583	0.001115562	0.11%
74	0.001012217	6.79258E-05	4.18827E-05	9.37637E-06	3.03413E-06	0.000%	0.000%	0.10%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	13.90715121	0.001134436	0.11%
73	0.001057733	5.26148E-05	4.79653E-05	1.26214E-05	4.27669E-06	0.000%	0.000%	0.11%	0.00%	0.01%	0.00%	0.00%	0.00%	0.00%	14.82799805	0.001175231	0.12%

