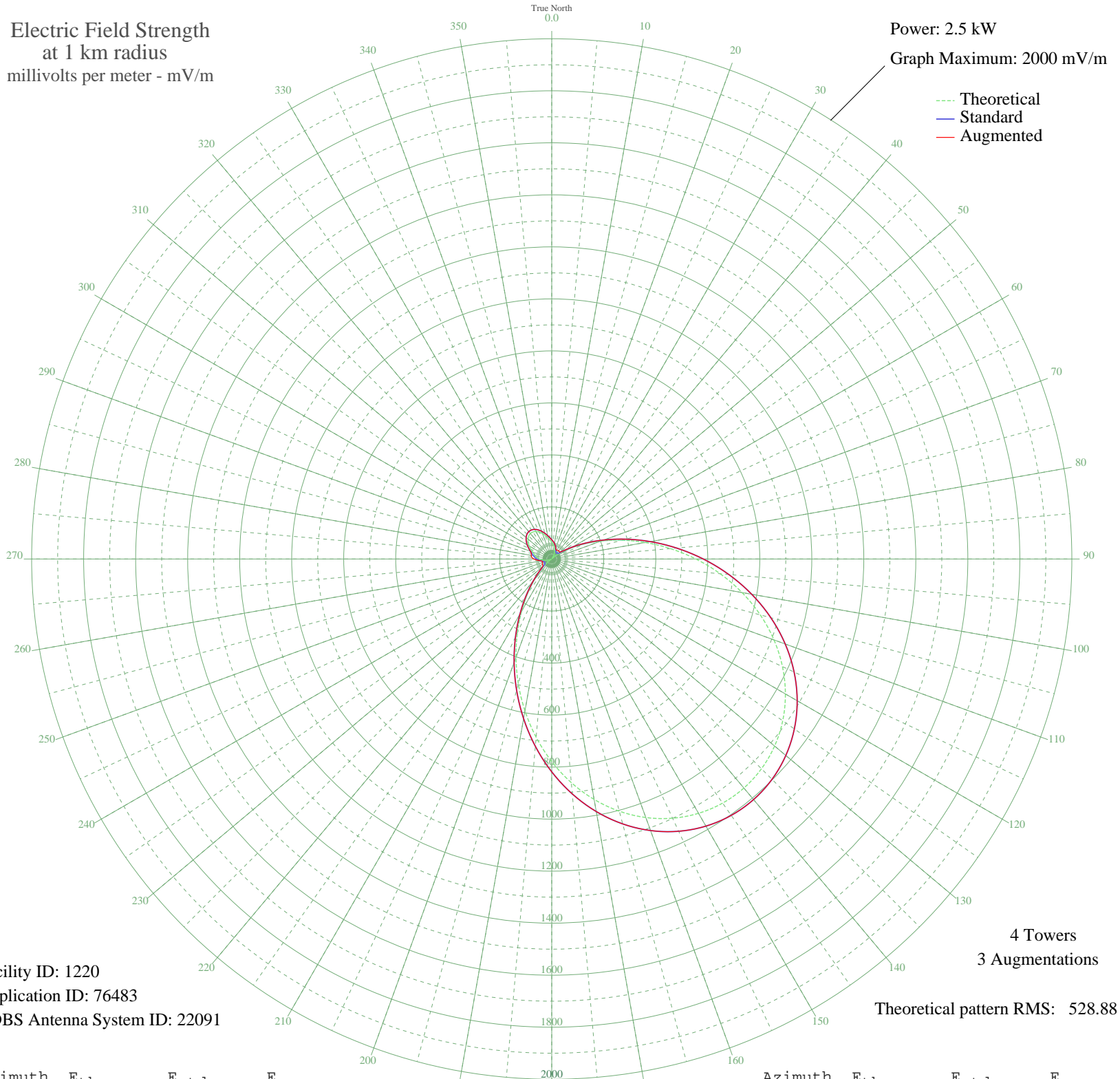


WMMW MERIDEN, CT BL-19850227AA 1470 kHz

Nighttime

Electric Field Strength  
at 1 km radius  
millivolts per meter - mV/m

Power: 2.5 kW  
Graph Maximum: 2000 mV/m



Facility ID: 1220  
Application ID: 76483  
CDBS Antenna System ID: 22091

Theoretical pattern RMS: 528.88  
4 Towers  
3 Augmentations

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	64.55	73.99	73.99
5	57.50	67.27	67.27
10	50.47	60.73	60.73
15	42.44	53.54	53.54
20	32.96	45.58	45.58
25	22.42	37.88	39.52
30	12.13	32.29	38.42
35	4.20	30.00	40.50
40	1.70	29.72	41.84
45	4.75	30.09	40.56
50	18.34	35.37	41.05
55	44.07	54.97	56.11
60	83.09	92.15	92.15
65	135.78	145.62	145.62
70	201.54	213.68	213.68
75	278.84	294.28	294.28
80	365.36	384.77	384.77
85	458.22	482.05	482.05
90	554.25	582.72	582.72
95	650.23	683.38	683.38
100	743.13	780.85	780.85
105	830.28	872.30	872.30
110	909.47	955.41	955.41
115	978.98	1028.35	1028.35
120	1037.54	1089.82	1089.82
125	1084.30	1138.91	1138.91
130	1118.73	1175.05	1175.05
135	1140.52	1197.92	1197.92
140	1149.52	1207.36	1207.36
145	1145.66	1203.31	1203.31
150	1128.98	1185.80	1185.80
155	1099.58	1154.94	1154.94
160	1057.70	1110.98	1110.98
165	1003.77	1054.38	1054.38
170	938.52	985.89	985.89
175	863.02	906.66	906.66

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	778.81	818.29	818.29
185	687.92	722.92	722.92
190	592.82	623.17	623.17
195	496.44	522.10	522.10
200	401.92	423.05	423.05
205	312.49	329.45	329.45
210	231.19	244.55	244.55
215	160.58	171.20	171.20
220	102.54	111.68	111.68
225	58.04	67.78	68.71
230	27.10	41.11	46.08
235	8.82	31.08	41.29
240	1.96	29.74	41.84
245	2.41	29.78	40.32
250	8.52	30.99	37.33
255	18.18	35.28	37.03
260	28.81	42.38	42.38
265	38.82	50.41	54.66
270	47.42	57.96	68.53
275	54.75	64.69	77.25
280	61.65	71.21	80.05
285	69.25	78.54	81.32
290	78.30	87.40	87.40
295	88.75	97.80	97.80
300	99.82	108.93	108.93
305	110.34	119.60	119.60
310	119.11	128.54	128.54
315	125.13	134.70	134.70
320	127.72	137.35	137.35
325	126.60	136.21	136.21
330	121.90	131.39	131.39
335	114.12	123.45	123.45
340	104.16	113.33	113.33
345	93.16	102.22	102.22
350	82.34	91.41	91.41
355	72.68	81.88	81.88

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission