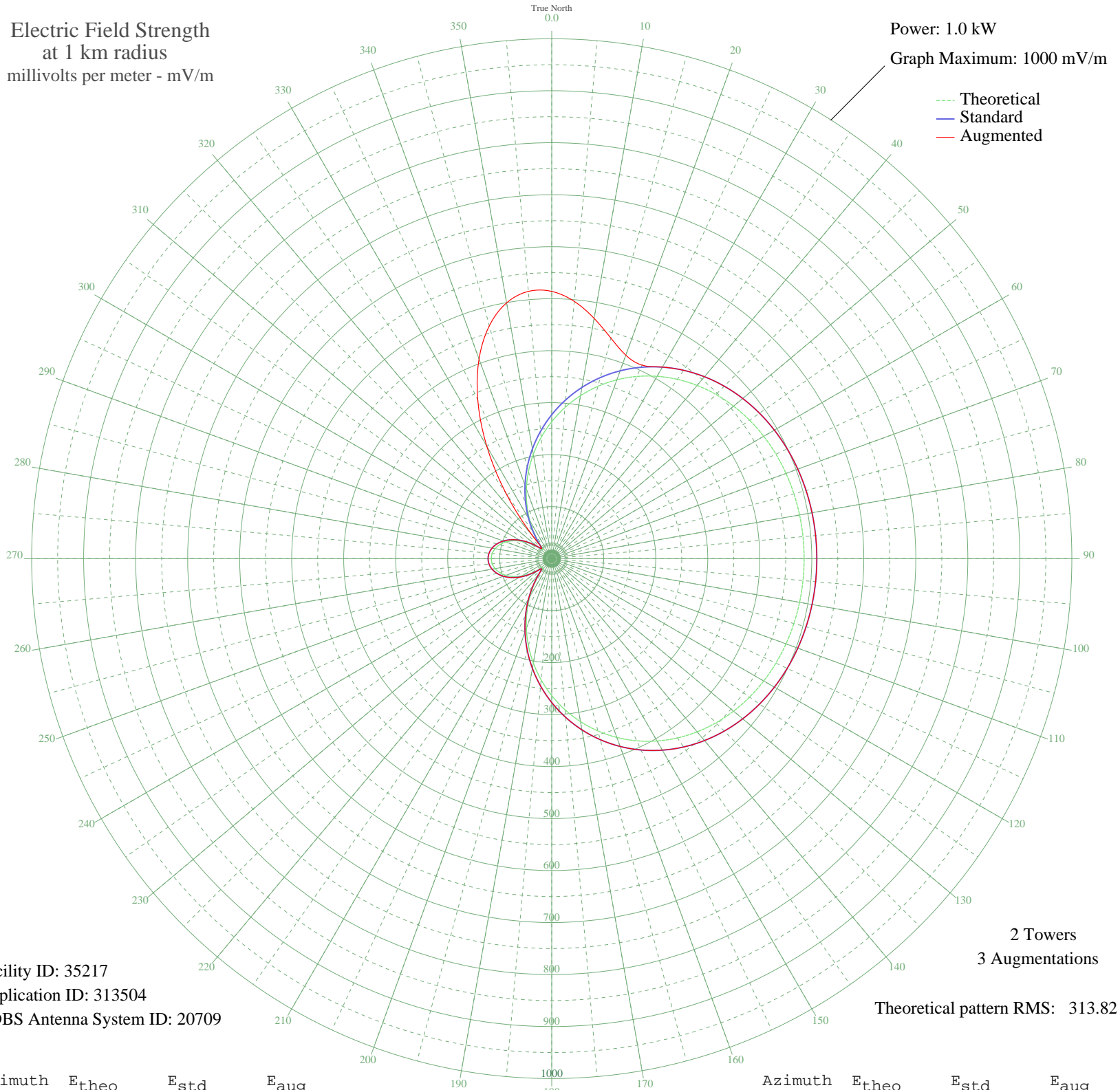


WMYF PORTSMOUTH, NH BL-- 1380 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 35217
Application ID: 313504
CDBS Antenna System ID: 20709

2 Towers
3 Augmentations
Theoretical pattern RMS: 313.82

Azimuth	E _{theo}	E _{std}	E _{aug}
0	263.43	276.80	514.07
5	291.64	306.40	496.76
10	318.32	334.40	469.27
15	343.18	360.49	439.22
20	366.00	384.44	416.43
25	386.63	406.09	410.67
30	404.98	425.36	425.36
35	421.06	442.23	442.23
40	434.90	456.77	456.77
45	446.62	469.07	469.07
50	456.37	479.30	479.30
55	464.31	487.64	487.64
60	470.66	494.30	494.30
65	475.60	499.49	499.49
70	479.34	503.42	503.42
75	482.05	506.26	506.26
80	483.87	508.17	508.17
85	484.92	509.27	509.27
90	485.26	509.63	509.63
95	484.92	509.27	509.27
100	483.87	508.17	508.17
105	482.05	506.26	506.26
110	479.34	503.42	503.42
115	475.60	499.49	499.49
120	470.66	494.30	494.30
125	464.31	487.64	487.64
130	456.37	479.30	479.30
135	446.62	469.07	469.07
140	434.90	456.77	456.77
145	421.06	442.23	442.23
150	404.98	425.36	425.36
155	386.63	406.09	406.09
160	366.00	384.44	384.44
165	343.18	360.49	360.49
170	318.32	334.40	334.40
175	291.64	306.41	306.41

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	263.43	276.80	276.80
185	234.01	245.94	245.94
190	203.79	214.24	214.24
195	173.19	182.15	182.15
200	142.67	150.17	150.17
205	112.73	118.83	118.83
210	83.96	88.78	88.78
215	57.23	61.00	61.00
220	34.65	37.87	37.87
225	24.03	27.33	27.36
230	33.41	36.62	36.62
235	50.07	53.61	53.61
240	66.63	70.74	70.74
245	81.37	86.08	86.08
250	93.73	98.98	98.98
255	103.50	109.18	109.18
260	110.53	116.53	116.53
265	114.77	120.97	120.97
270	116.19	122.45	122.45
275	114.77	120.97	120.97
280	110.53	116.53	116.53
285	103.50	109.18	109.18
290	93.73	98.98	98.98
295	81.37	86.08	86.08
300	66.63	70.74	70.74
305	50.07	53.61	53.61
310	33.41	36.62	36.62
315	24.03	27.33	27.36
320	34.65	37.87	55.69
325	57.23	61.00	153.40
330	83.96	88.78	249.92
335	112.73	118.83	336.45
340	142.67	150.17	408.72
345	173.19	182.15	463.71
350	203.79	214.24	499.62
355	234.01	245.94	516.03