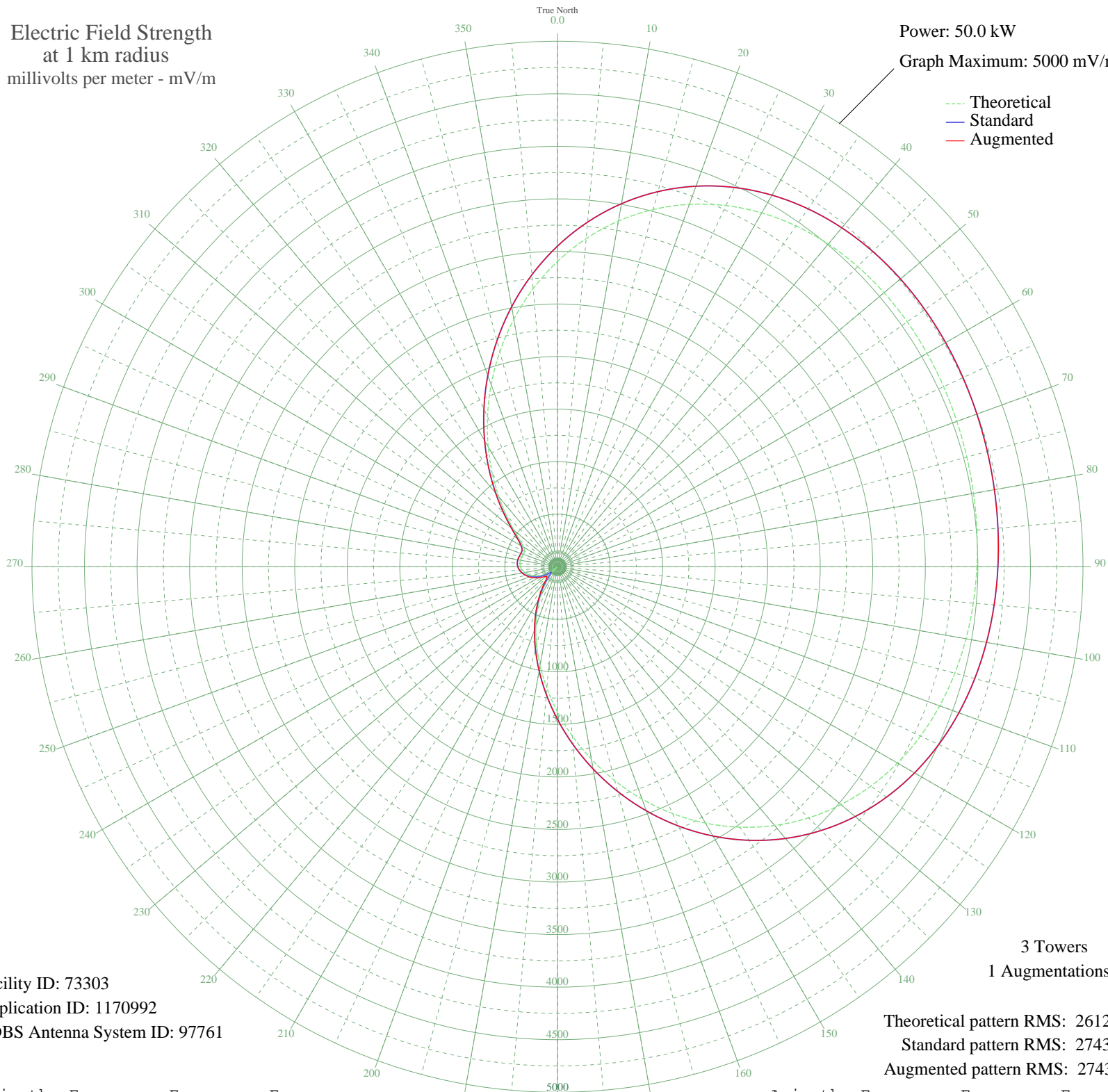


WMVP CHICAGO, IL BL-20070118AFE 1000 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 73303  
Application ID: 1170992  
CDBS Antenna System ID: 97761

Theoretical pattern RMS: 2612.32  
Standard pattern RMS: 2743.95  
Augmented pattern RMS: 2743.95

Azimuth	Etheo	Estd	Eaug
0	2904.49	3050.61	3050.61
5	3134.07	3291.61	3291.61
10	3339.62	3507.39	3507.39
15	3518.38	3695.05	3695.05
20	3669.03	3853.20	3853.20
25	3791.60	3981.87	3981.87
30	3887.35	4082.39	4082.39
35	3958.54	4157.13	4157.13
40	4008.17	4209.23	4209.23
45	4039.68	4242.31	4242.31
50	4056.67	4260.15	4260.15
55	4062.64	4266.42	4266.42
60	4060.79	4264.47	4264.47
65	4053.83	4257.17	4257.17
70	4043.85	4246.69	4246.69
75	4032.25	4234.52	4234.52
80	4019.69	4221.33	4221.33
85	4006.06	4207.01	4207.01
90	3990.51	4190.69	4190.69
95	3971.50	4170.74	4170.74
100	3946.89	4144.90	4144.90
105	3914.02	4110.39	4110.39
110	3869.90	4064.08	4064.08
115	3811.40	4002.66	4002.66
120	3735.46	3922.93	3922.93
125	3639.36	3822.05	3822.05
130	3521.01	3697.80	3697.80
135	3379.14	3548.88	3548.88
140	3213.58	3375.08	3375.08
145	3025.33	3177.46	3177.46
150	2816.63	2958.39	2958.39
155	2590.93	2721.48	2721.48
160	2352.65	2471.40	2471.40
165	2106.98	2213.57	2213.57
170	1859.48	1953.87	1953.87
175	1615.72	1698.13	1698.13

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	1380.87	1451.82	1451.82
185	1159.35	1219.58	1219.58
190	954.55	1005.02	1005.25
195	768.67	810.51	811.60
200	602.68	637.16	640.09
205	456.38	484.92	491.20
210	328.63	352.96	364.94
215	217.60	240.24	261.81
220	121.15	147.29	184.92
225	37.22	83.90	142.96
230	36.84	83.72	142.85
235	101.42	129.82	171.33
240	158.30	182.05	209.69
245	208.06	230.73	248.68
250	250.99	273.80	284.78
255	287.12	310.49	316.46
260	316.27	340.28	342.86
265	338.13	362.71	363.34
270	352.36	377.35	377.35
275	358.83	384.01	384.01
280	358.02	383.18	383.18
285	351.87	376.85	376.85
290	345.19	369.98	369.98
295	347.45	372.30	372.30
300	372.83	398.45	398.45
305	434.97	462.71	462.71
310	539.90	571.74	571.74
315	685.92	724.04	724.04
320	868.12	914.54	914.54
325	1080.94	1137.42	1137.42
330	1318.67	1386.59	1386.59
335	1575.22	1655.64	1655.64
340	1844.04	1937.67	1937.67
345	2118.25	2225.40	2225.40
350	2390.82	2511.46	2511.46
355	2654.98	2788.71	2788.71