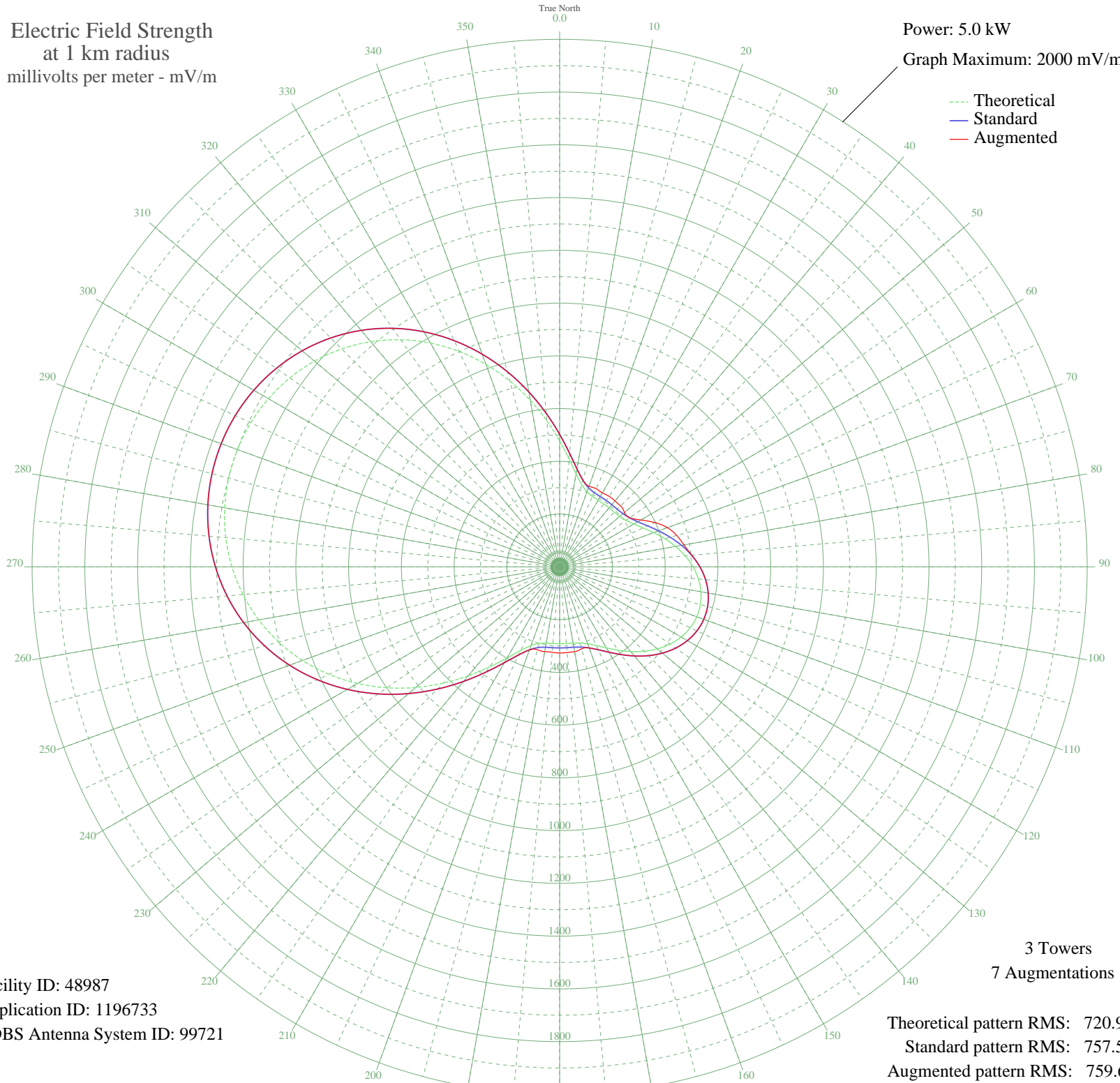


WROK ROCKFORD, IL BL-20070720ACZ 1440 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 48987
Application ID: 1196733
CDBS Antenna System ID: 99721

3 Towers
7 Augmentations

Theoretical pattern RMS: 720.99
Standard pattern RMS: 757.59
Augmented pattern RMS: 759.65

Azimuth	E _{theo}	E _{std}	E _{aug}
0	477.47	502.18	502.18
5	410.47	431.96	431.96
10	358.33	377.36	377.36
15	322.94	340.32	340.32
20	303.04	319.50	325.33
25	294.40	310.47	327.13
30	291.84	307.79	323.92
35	291.44	307.38	326.55
40	291.60	307.54	326.26
45	292.89	308.89	326.70
50	297.38	313.59	320.96
55	307.48	324.15	324.58
60	324.74	342.20	355.25
65	349.15	367.75	397.70
70	379.15	399.16	434.52
75	412.32	433.90	459.56
80	446.01	469.20	478.80
85	477.80	502.52	502.81
90	505.68	531.75	531.75
95	528.08	555.23	555.23
100	543.88	571.81	571.81
105	552.36	580.69	580.69
110	553.13	581.51	581.51
115	546.18	574.22	574.22
120	531.79	559.13	559.13
125	510.64	536.95	536.95
130	483.75	508.76	508.76
135	452.59	476.10	476.10
140	419.10	441.00	441.00
145	385.62	405.93	405.93
150	354.77	373.63	373.63
155	329.08	346.75	346.75
160	310.34	327.13	327.13
165	298.88	315.16	321.76
170	293.45	309.48	326.88
175	291.71	307.66	326.05

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	291.44	307.37	326.70
185	291.67	307.62	325.11
190	293.55	309.58	326.70
195	300.58	316.93	325.40
200	317.82	334.96	334.96
205	349.91	368.54	368.54
210	398.76	419.69	419.69
215	463.04	487.05	487.05
220	539.31	567.02	567.02
225	623.39	655.20	655.20
230	711.23	747.35	747.35
235	799.22	839.68	839.68
240	884.40	929.07	929.07
245	964.39	1013.02	1013.02
250	1037.44	1089.69	1089.69
255	1102.34	1157.82	1157.82
260	1158.34	1216.60	1216.60
265	1205.07	1265.66	1265.66
270	1242.43	1304.87	1304.87
275	1270.48	1334.32	1334.32
280	1289.35	1354.13	1354.13
285	1299.19	1364.45	1364.45
290	1300.08	1365.39	1365.39
295	1292.04	1356.95	1356.95
300	1274.98	1339.04	1339.04
305	1248.78	1311.54	1311.54
310	1213.29	1274.29	1274.29
315	1168.44	1227.20	1227.20
320	1114.27	1170.34	1170.34
325	1051.10	1104.03	1104.03
330	979.60	1028.99	1028.99
335	900.87	946.36	946.36
340	816.57	857.88	857.88
345	728.92	765.91	765.91
350	640.78	673.44	673.44
355	555.64	584.14	584.14