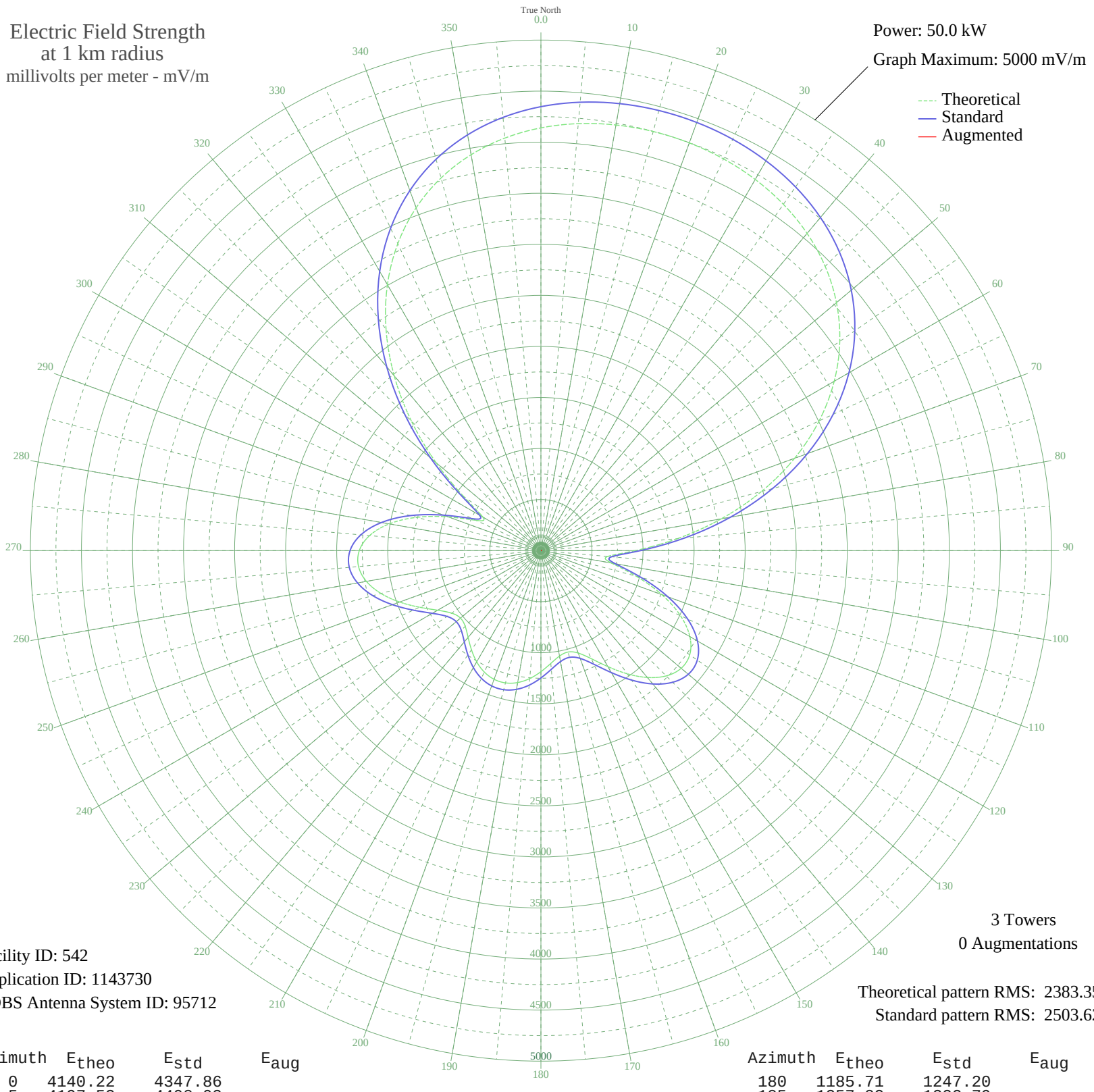
KKAR OMAHA, NE BP-20060331ACQ 1290 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 542
Application ID: 1143730
CDBS Antenna System ID: 95712

Theoretical pattern RMS: 2383.35
Standard pattern RMS: 2503.62

Azimuth	E_{theo}	E_{std}	E_{aug}
0	4140.22	4347.86	
5	4197.53	4408.03	
10	4232.61	4444.86	
15	4249.19	4462.27	
20	4249.19	4462.27	
25	4232.61	4444.86	
30	4197.53	4408.03	
35	4140.22	4347.86	
40	4055.47	4258.89	
45	3937.07	4134.59	
50	3778.38	3967.99	
55	3573.21	3752.61	
60	3316.77	3483.40	
65	3006.72	3157.93	
70	2644.36	2777.57	
75	2235.87	2348.83	
80	1793.96	1885.12	
85	1341.65	1410.68	
90	924.81	973.88	
95	655.84	692.62	
100	701.11	739.90	
105	964.86	1015.82	
110	1259.35	1324.40	
115	1508.47	1585.63	
120	1684.78	1770.57	
125	1779.19	1869.62	
130	1793.08	1884.19	
135	1735.54	1823.83	
140	1621.85	1704.56	
145	1472.41	1547.82	
150	1311.85	1379.44	
155	1167.83	1228.47	
160	1067.41	1123.24	
165	1028.19	1082.15	
170	1048.57	1103.50	
175	1109.25	1167.08	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1185.71	1247.20	
185	1257.82	1322.79	
190	1312.20	1379.81	
195	1341.12	1410.14	
200	1341.12	1410.14	
205	1312.20	1379.81	
210	1257.82	1322.79	
215	1185.71	1247.20	
220	1109.25	1167.08	
225	1048.57	1103.50	
230	1028.19	1082.15	
235	1067.41	1123.24	
240	1167.83	1228.47	
245	1311.85	1379.44	
250	1472.42	1547.82	
255	1621.86	1704.57	
260	1735.54	1823.83	
265	1793.08	1884.19	
270	1779.19	1869.62	
275	1684.78	1770.57	
280	1508.47	1585.63	
285	1259.34	1324.39	
290	964.86	1015.82	
295	701.11	739.90	
300	655.84	692.62	
305	924.81	973.89	
310	1341.65	1410.69	
315	1793.96	1885.13	
320	2235.87	2348.84	
325	2644.37	2777.58	
330	3006.72	3157.93	
335	3316.77	3483.40	
340	3573.22	3752.61	
345	3778.38	3968.00	
350	3937.07	4134.59	
355	4055.47	4258.90	

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