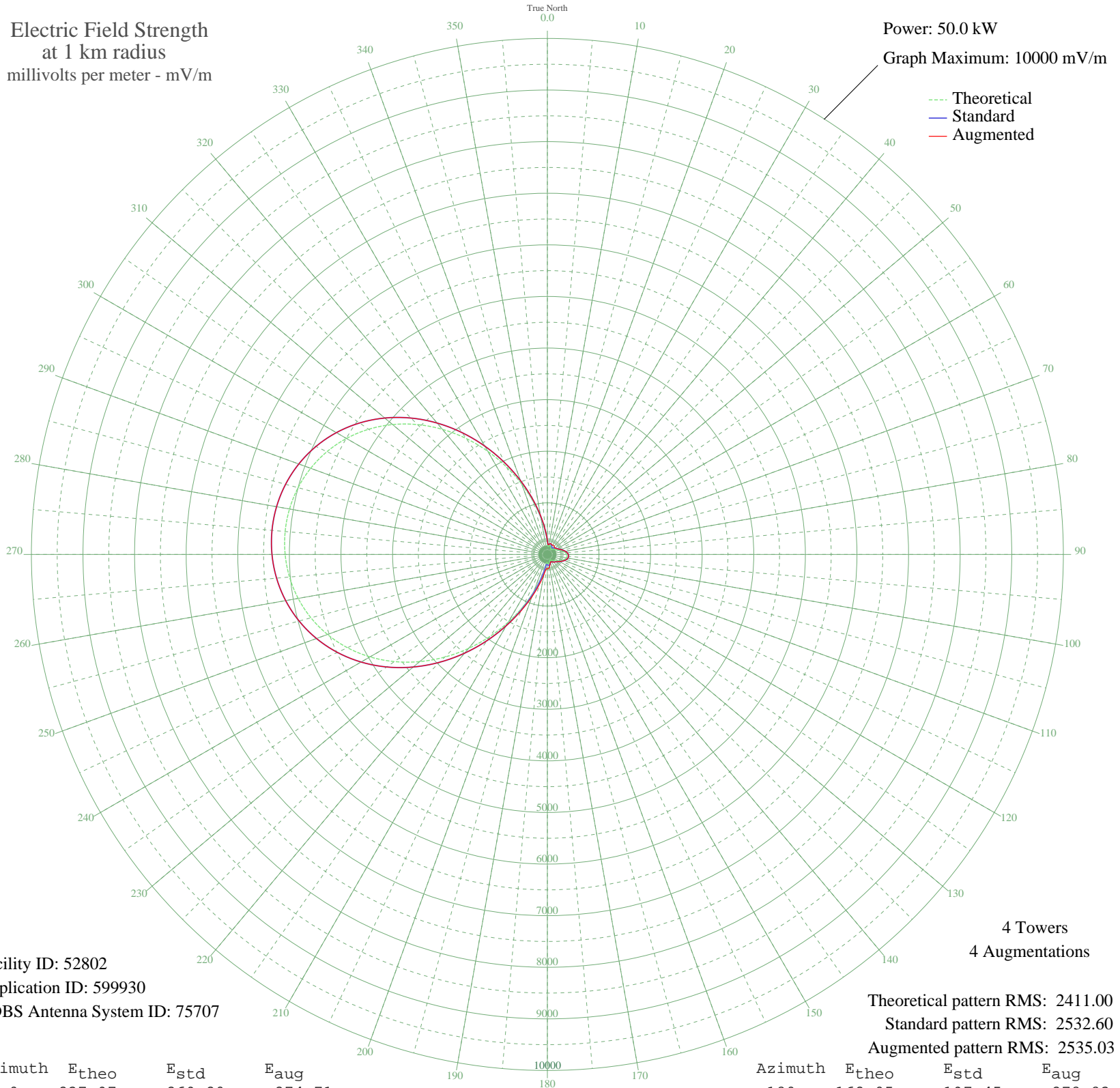


KMMQ PLATTSMOUTH, NE BL-20020404ABL 1020 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 10000 mV/m



Facility ID: 52802
Application ID: 599930
CDBS Antenna System ID: 75707

Theoretical pattern RMS: 2411.00
Standard pattern RMS: 2532.60
Augmented pattern RMS: 2535.03

Azimuth	E _{theo}	E _{std}	E _{aug}
0	237.97	269.20	274.71
5	153.05	189.37	189.37
10	166.43	201.42	201.42
15	185.70	219.21	219.21
20	180.08	213.98	213.98
25	155.32	191.39	204.58
30	127.63	167.31	208.95
35	115.47	157.27	213.60
40	124.42	164.62	206.81
45	142.41	179.98	193.95
50	159.03	194.72	194.72
55	173.13	207.56	207.56
60	189.55	222.81	222.81
65	213.74	245.76	245.76
70	246.98	278.00	278.00
75	285.58	316.15	316.15
80	323.49	354.13	354.13
85	354.80	385.77	385.77
90	374.95	406.24	406.24
95	381.16	412.56	412.56
100	372.61	403.86	403.86
105	350.44	381.36	381.36
110	317.73	348.33	348.33
115	279.28	309.89	309.89
120	241.16	272.31	272.31
125	209.22	241.45	241.45
130	186.51	219.97	219.97
135	170.89	205.50	205.50
140	156.61	192.55	192.55
145	139.47	177.42	177.42
150	121.99	162.60	162.60
155	115.86	157.59	157.59
160	131.45	170.54	170.54
165	159.97	195.57	198.12
170	182.59	216.31	240.79
175	184.17	217.79	272.51

Azimuth	E _{theo}	E _{std}	E _{aug}
180	162.05	197.45	278.83
185	157.85	193.66	285.86
190	263.17	293.92	399.89
195	476.26	510.01	602.16
200	766.39	810.92	867.90
205	1116.80	1176.92	1199.61
210	1512.70	1591.49	1594.41
215	1938.17	2037.54	2037.54
220	2376.67	2497.51	2497.51
225	2812.16	2954.46	2954.46
230	3230.25	3393.24	3393.24
235	3619.04	3801.31	3801.31
240	3969.56	4169.24	4169.24
245	4275.75	4490.66	4490.66
250	4534.22	4761.99	4761.99
255	4743.65	4981.83	4981.83
260	4904.13	5150.31	5150.31
265	5016.56	5268.34	5268.34
270	5082.01	5337.05	5337.05
275	5101.29	5357.29	5357.29
280	5074.65	5329.33	5329.33
285	5001.75	5252.80	5252.80
290	4881.71	5126.77	5126.77
295	4713.44	4950.13	4950.13
300	4496.15	4722.02	4722.02
305	4229.91	4442.53	4442.53
310	3916.33	4113.36	4113.36
315	3559.21	3738.51	3738.51
320	3165.05	3324.81	3324.81
325	2743.30	2882.21	2882.21
330	2306.31	2423.69	2423.69
335	1868.79	1964.78	1964.79
340	1446.94	1522.58	1524.00
345	1057.29	1114.66	1119.83
350	715.54	757.96	767.47
355	436.45	469.09	479.86

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission