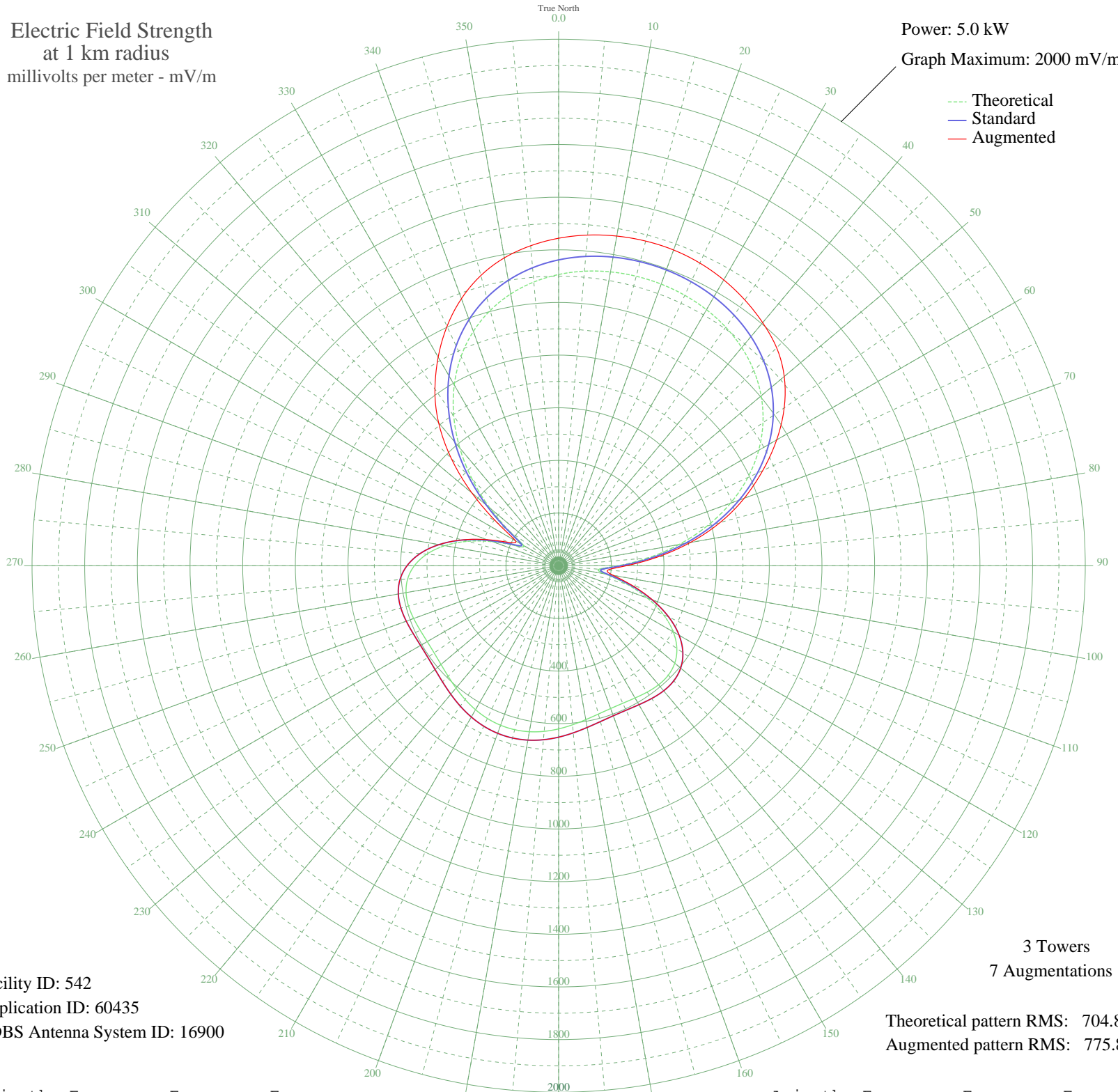


KKAR OMAHA, NE BL-19830822AG 1290 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 542
Application ID: 60435
CDBS Antenna System ID: 16900

Theoretical pattern RMS: 704.89
Augmented pattern RMS: 775.83

Azimuth	Etheo	Estd	Eaug
0	1106.28	1161.83	1244.05
5	1123.06	1179.45	1260.87
10	1133.50	1190.40	1271.58
15	1138.48	1195.63	1276.78
20	1138.48	1195.63	1276.37
25	1133.50	1190.40	1268.64
30	1123.06	1179.45	1253.84
35	1106.28	1161.83	1232.62
40	1081.87	1136.20	1205.38
45	1048.31	1100.97	1170.90
50	1003.97	1054.43	1118.43
55	947.32	994.97	1045.78
60	877.16	921.32	956.15
65	792.89	832.87	855.25
70	694.78	729.89	750.27
75	584.28	613.94	635.11
80	464.46	488.24	507.69
85	340.94	358.75	376.72
90	225.68	238.12	257.39
95	153.31	162.68	187.82
100	179.96	190.41	210.32
105	266.15	280.44	289.17
110	358.22	376.86	379.02
115	438.97	461.51	461.53
120	502.74	528.40	528.40
125	547.99	575.87	575.87
130	575.65	604.89	604.89
135	588.44	618.31	618.31
140	590.35	620.31	620.31
145	586.04	615.78	615.78
150	580.13	609.59	609.59
155	576.42	605.70	605.70
160	577.27	606.58	606.58
165	583.29	612.91	612.91
170	593.64	623.76	623.76
175	606.50	637.26	637.26

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	Etheo	Estd	Eaug
180	619.77	651.19	651.19
185	631.51	663.51	663.51
190	640.19	672.61	672.61
195	644.78	677.43	677.43
200	644.78	677.43	677.43
205	640.19	672.61	672.61
210	631.51	663.51	663.51
215	619.77	651.19	651.19
220	606.50	637.26	637.26
225	593.64	623.76	623.76
230	583.29	612.91	612.91
235	577.27	606.58	606.58
240	576.42	605.70	605.70
245	580.13	609.59	609.59
250	586.04	615.78	615.78
255	590.35	620.31	620.31
260	588.44	618.31	618.31
265	575.65	604.89	604.89
270	547.99	575.87	575.87
275	502.74	528.39	528.39
280	438.97	461.51	461.55
285	358.22	376.86	379.27
290	266.15	280.44	289.61
295	179.95	190.41	210.65
300	153.31	162.68	189.09
305	225.68	238.13	284.79
310	340.94	358.76	430.03
315	464.46	488.24	576.96
320	584.28	613.94	709.36
325	694.78	729.89	819.25
330	792.89	832.87	915.09
335	877.17	921.32	1003.28
340	947.32	994.97	1079.60
345	1003.97	1054.43	1141.38
350	1048.31	1100.97	1187.68
355	1081.87	1136.20	1220.18