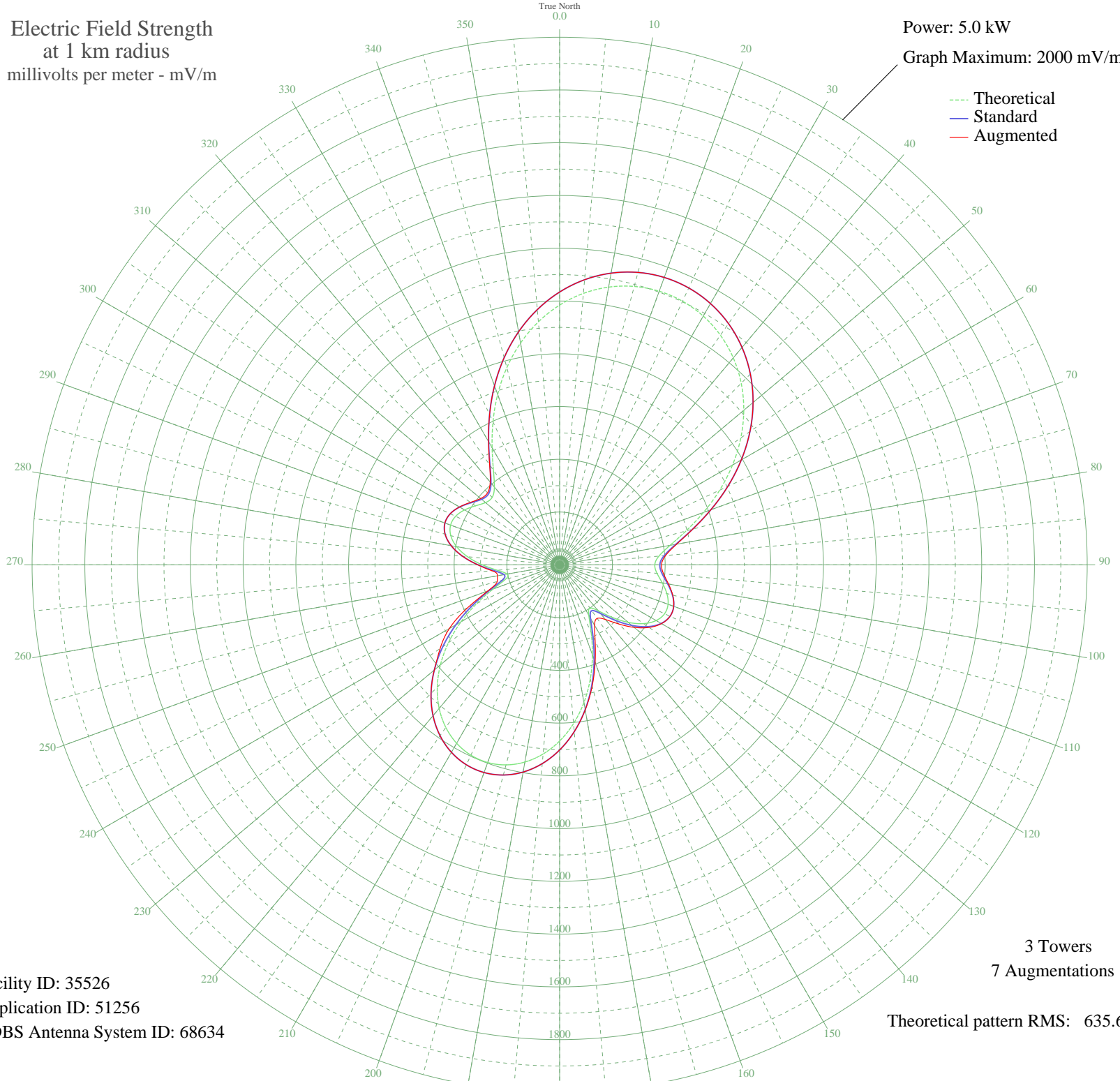


KFAN ROCHESTER, MN BL-19830110AE 1270 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 35526
Application ID: 51256
CDBS Antenna System ID: 68634

3 Towers
7 Augmentations
Theoretical pattern RMS: 635.69

Azimuth	Etheo	Estd	Eaug
0	984.55	1034.17	1034.17
5	1032.82	1084.83	1084.83
10	1068.87	1122.68	1122.68
15	1092.53	1147.51	1147.51
20	1103.74	1159.28	1159.28
25	1102.50	1157.97	1157.97
30	1088.80	1143.59	1143.59
35	1062.65	1116.15	1116.15
40	1024.13	1075.71	1075.71
45	973.47	1022.54	1022.54
50	911.22	957.20	957.20
55	838.41	880.79	880.79
60	756.85	795.20	795.20
65	669.37	703.41	703.41
70	580.30	609.98	610.00
75	495.98	521.55	522.45
80	425.10	447.26	450.24
85	377.76	397.66	403.05
90	360.64	379.74	386.24
95	370.52	390.08	395.57
100	395.10	415.82	419.03
105	420.76	442.71	443.77
110	437.39	460.13	460.16
115	438.91	461.73	461.73
120	422.61	444.65	445.89
125	388.54	408.96	413.98
130	339.50	357.60	368.98
135	281.73	297.17	317.36
140	227.63	240.69	270.85
145	199.96	211.87	247.84
150	220.89	233.67	264.63
155	282.85	298.34	318.45
160	363.54	382.77	393.42
165	448.50	471.78	476.14
170	530.12	557.35	558.35
175	604.14	634.98	634.98

Azimuth	Etheo	Estd	Eaug
180	667.96	701.94	701.94
185	720.00	756.53	756.53
190	759.28	797.75	797.75
195	785.25	825.00	825.00
200	797.60	837.96	837.96
205	796.23	836.52	836.52
210	781.14	820.68	820.68
215	752.48	790.61	790.61
220	710.59	746.66	746.66
225	656.10	689.49	689.49
230	590.09	620.24	620.24
235	514.30	540.76	553.07
240	431.59	454.06	482.80
245	346.72	365.17	384.66
250	268.32	283.16	289.68
255	212.72	225.15	245.00
260	202.02	214.01	239.40
265	237.23	250.70	257.50
270	293.51	309.49	310.54
275	350.27	368.88	368.88
280	396.68	417.49	417.49
285	427.33	449.59	449.59
290	439.99	462.86	462.86
295	435.13	457.77	457.77
300	416.09	437.81	438.51
305	389.69	410.17	412.71
310	366.91	386.30	390.90
315	361.63	380.78	386.24
320	384.91	405.15	409.54
325	437.71	460.47	462.74
330	512.08	538.43	539.00
335	597.97	628.52	628.52
340	687.16	722.07	722.07
345	773.74	812.93	812.93
350	853.74	896.88	896.88
355	924.55	971.20	971.20

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission