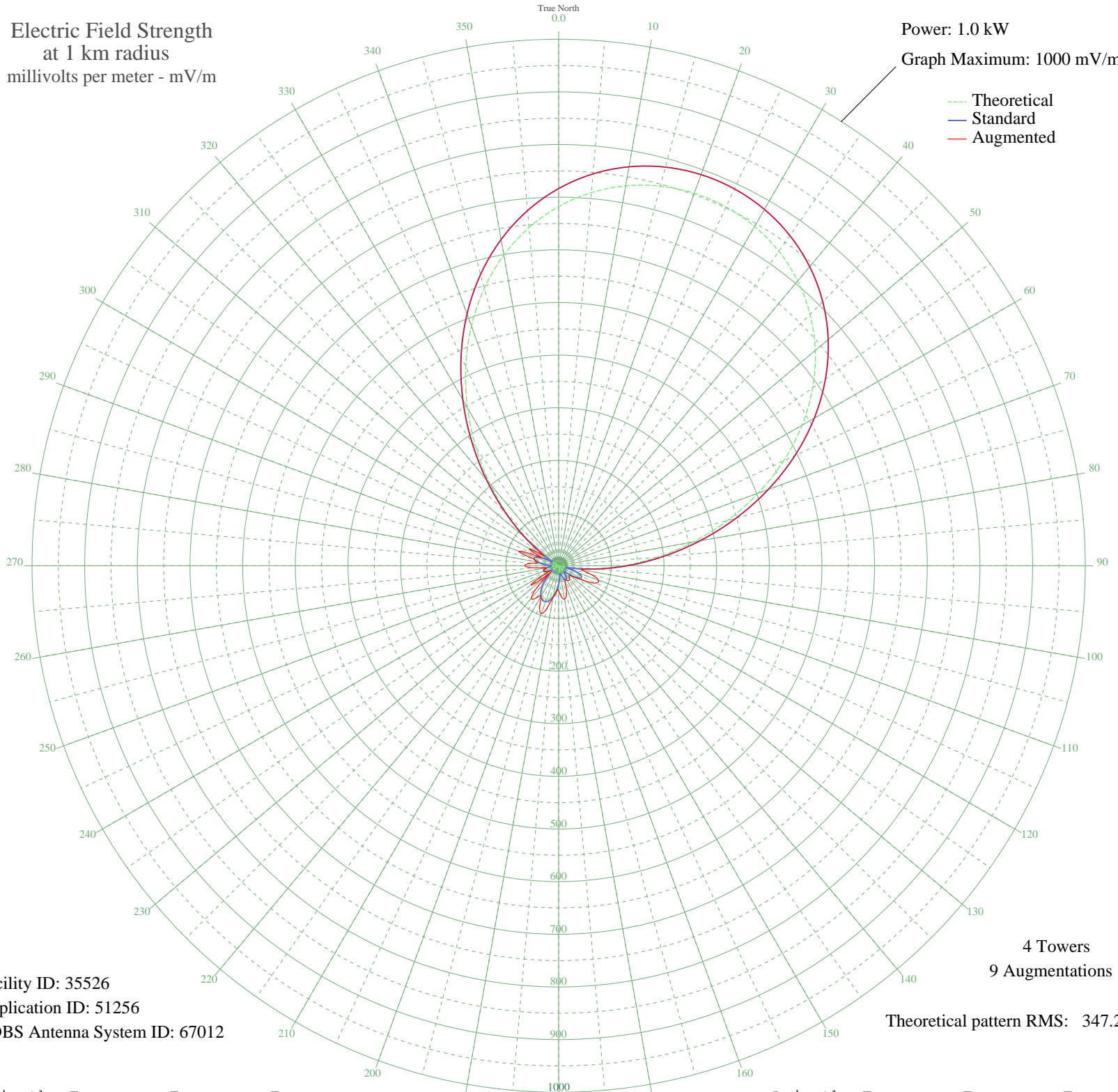


# KFAN ROCHESTER, MN BL-19830110AE 1270 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 35526  
Application ID: 51256  
CDBS Antenna System ID: 67012

4 Towers  
9 Augmentations  
Theoretical pattern RMS: 347.22

Azimuth	Etheo	Estd	Eaug
0	682.13	716.36	716.36
5	711.33	747.02	747.02
10	732.62	769.37	769.37
15	746.33	783.77	783.77
20	752.76	790.52	790.52
25	752.05	789.77	789.77
30	744.18	781.51	781.51
35	728.98	765.55	765.55
40	706.13	741.56	741.56
45	675.31	709.21	709.21
50	636.25	668.21	668.21
55	588.93	618.53	618.53
60	533.67	560.52	560.52
65	471.32	495.08	495.08
70	403.33	423.72	423.72
75	331.75	348.61	348.61
80	259.24	272.55	272.55
85	188.82	198.74	198.74
90	123.67	130.58	130.58
95	66.76	71.44	71.44
100	20.53	25.58	43.52
105	13.45	19.72	64.08
110	34.72	38.97	80.47
115	43.94	48.15	77.69
120	42.85	47.06	58.77
125	34.03	38.29	38.29
130	20.50	25.55	29.06
135	5.38	14.88	28.22
140	8.53	16.42	32.19
145	19.02	24.25	34.10
150	24.67	29.33	32.43
155	24.89	29.53	29.53
160	19.85	24.98	40.14
165	10.36	17.54	57.17
170	2.35	13.98	64.37
175	16.81	22.38	58.84

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	Etheo	Estd	Eaug
180	31.51	35.84	47.66
185	45.04	49.26	49.26
190	56.18	60.57	60.57
195	63.98	68.58	82.06
200	67.82	72.53	96.56
205	67.39	72.09	85.02
210	62.72	67.28	67.28
215	54.19	58.54	74.67
220	42.49	46.69	80.47
225	28.62	33.06	56.93
230	13.85	20.02	20.02
235	0.38	13.77	64.37
240	12.56	19.06	19.06
245	21.25	26.21	26.21
250	25.28	29.90	29.90
255	23.96	28.68	28.68
260	17.27	22.77	22.77
265	5.96	15.12	46.55
270	8.39	16.34	64.37
275	23.43	28.19	52.28
280	36.27	40.50	40.50
285	43.78	47.99	47.99
290	42.99	47.19	80.47
295	31.47	35.79	35.79
300	7.67	15.95	64.37
305	28.84	33.26	33.26
310	77.36	82.38	82.38
315	136.13	143.60	143.60
320	202.58	213.16	213.16
325	273.67	287.69	287.69
330	346.23	363.81	363.81
335	417.29	438.37	438.37
340	484.30	508.70	508.70
345	545.33	572.76	572.76
350	599.05	629.15	629.15
355	644.73	677.11	677.11