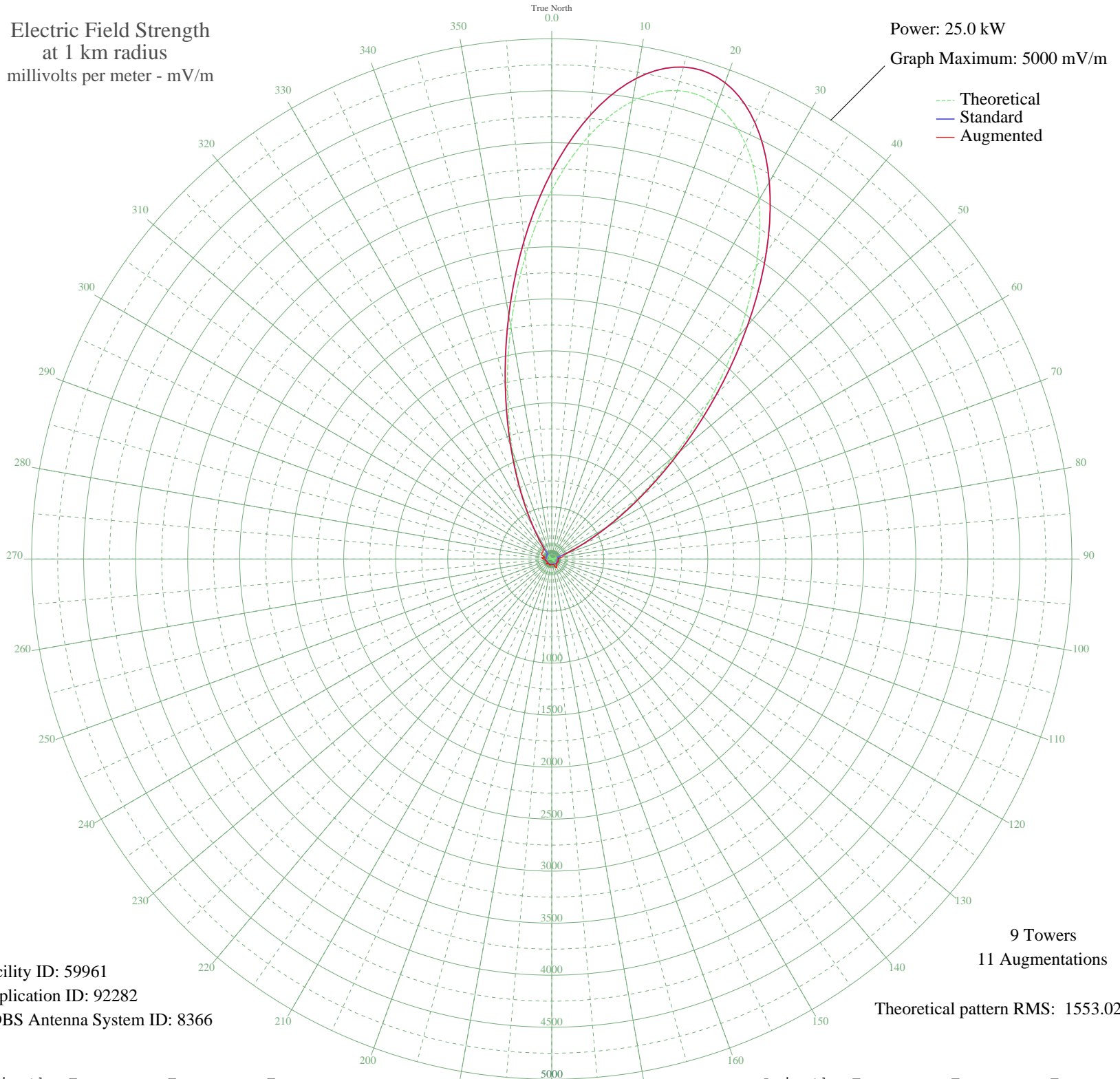


KFAN MINNEAPOLIS, MN BL-19860918AG 1130 kHz

Nighttime

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

Power: 25.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 59961
Application ID: 92282
CDBS Antenna System ID: 8366

9 Towers
11 Augmentations
Theoretical pattern RMS: 1553.02

Azimuth	Etheo	Estd	Eaug
0	3545.08	3722.70	3722.70
5	4080.67	4285.02	4285.02
10	4467.40	4691.06	4691.06
15	4661.16	4894.50	4894.50
20	4639.29	4871.54	4871.54
25	4404.35	4624.87	4624.87
30	3983.75	4183.27	4183.27
35	3425.08	3596.72	3596.72
40	2788.32	2928.20	2928.20
45	2136.35	2243.79	2243.79
50	1525.83	1602.98	1602.98
55	999.91	1051.22	1051.22
60	584.17	615.62	615.62
65	285.97	304.82	305.15
70	96.97	114.55	137.09
75	2.31	52.56	112.65
80	37.00	65.31	99.68
85	32.76	62.76	64.45
90	11.71	53.92	63.14
95	9.90	53.52	63.25
100	22.62	57.62	64.02
105	23.24	57.90	65.93
110	13.39	54.35	63.71
115	2.37	52.56	69.10
120	18.51	55.98	59.88
125	30.25	61.36	61.36
130	34.80	63.97	63.97
135	31.83	62.24	62.24
140	23.29	57.92	62.73
145	12.53	54.12	83.64
150	3.09	52.60	96.46
155	2.51	52.57	87.00
160	3.57	52.63	62.25
165	1.24	52.52	52.52
170	2.17	52.55	52.55
175	4.33	52.70	52.70

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.

Azimuth	Etheo	Estd	Eaug
180	3.91	52.66	52.66
185	1.21	52.52	52.52
190	2.21	52.55	52.55
195	4.41	52.70	60.58
200	4.14	52.68	57.97
205	1.56	52.53	58.04
210	1.87	52.54	53.62
215	4.21	52.69	52.69
220	4.08	52.67	52.67
225	1.53	52.52	69.28
230	1.88	52.54	54.55
235	3.69	52.64	52.64
240	1.76	52.53	52.53
245	4.73	52.73	52.73
250	14.68	54.72	54.72
255	25.29	58.84	58.84
260	32.96	62.88	62.88
265	34.52	63.80	63.80
270	28.42	60.39	69.26
275	15.50	54.96	95.03
280	0.99	52.51	84.21
285	16.01	55.12	67.40
290	24.07	58.26	89.48
295	21.03	56.95	105.77
300	6.09	52.89	112.33
305	16.39	55.25	111.26
310	35.58	64.44	107.90
315	33.97	63.47	119.52
320	11.53	53.88	115.05
325	126.85	143.16	157.33
330	336.41	357.11	357.11
335	657.90	692.79	692.79
340	1096.83	1152.87	1152.87
345	1642.31	1725.23	1725.23
350	2265.09	2378.92	2378.92
355	2918.86	3065.25	3065.25

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission