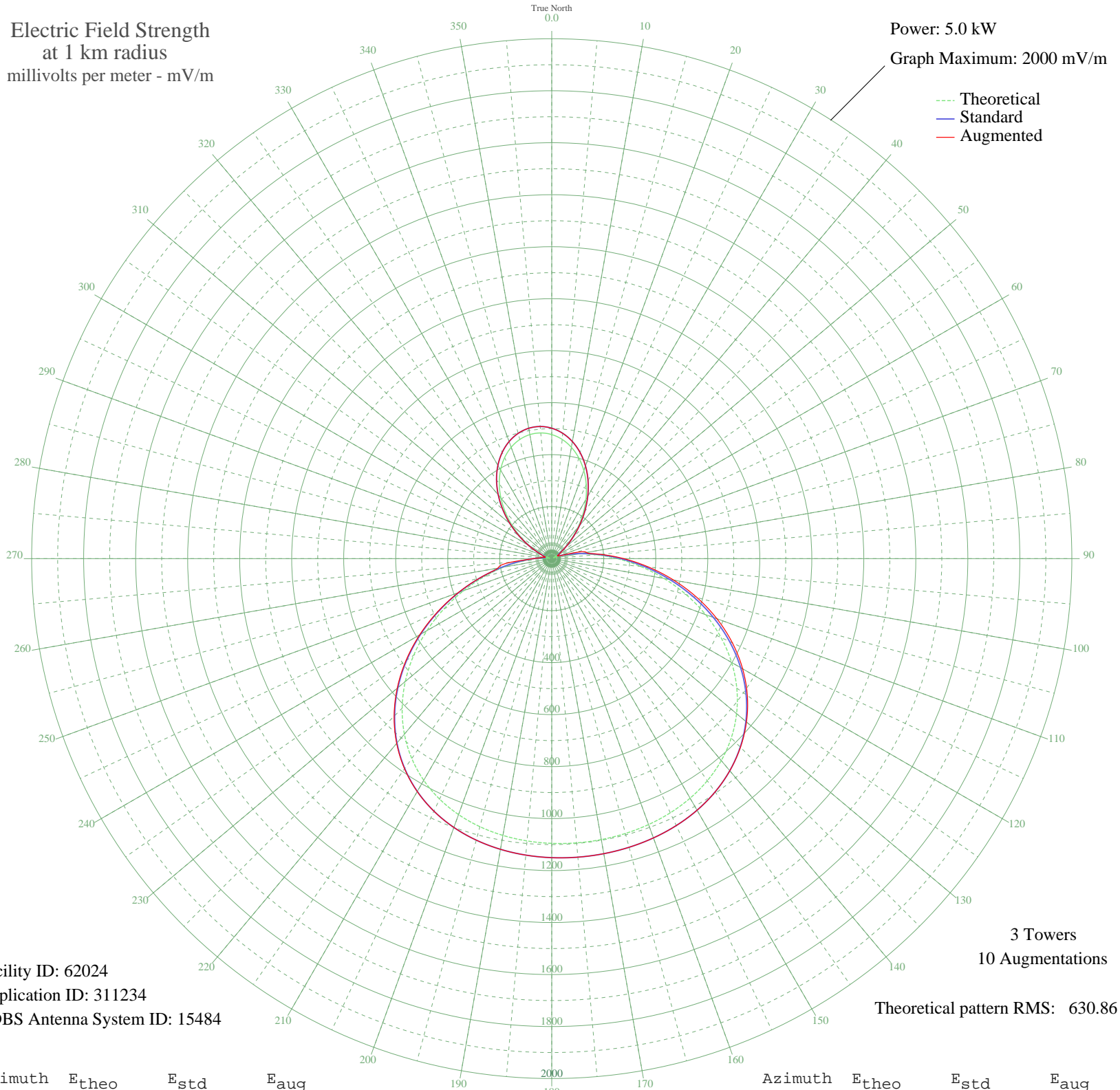


# KSGF SPRINGFIELD, MO BL-- 1260 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 62024  
Application ID: 311234  
CDBS Antenna System ID: 15484

3 Towers  
10 Augmentations  
Theoretical pattern RMS: 630.86

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	477.32	501.74	501.74
5	460.39	483.98	483.98
10	434.90	457.25	457.25
15	401.36	422.08	422.08
20	360.59	379.35	379.35
25	313.79	330.32	330.32
30	262.61	276.73	276.73
35	209.18	220.89	220.89
40	156.16	165.64	165.64
45	106.58	114.34	114.34
50	63.76	70.95	70.95
55	31.06	40.19	44.01
60	11.55	26.43	29.99
65	7.99	24.93	24.52
70	22.44	33.26	33.26
75	55.13	62.46	82.13
80	105.67	113.41	135.77
85	172.40	182.54	188.40
90	252.54	266.21	277.08
95	342.47	360.36	374.66
100	438.07	460.58	476.46
105	535.14	562.39	578.18
110	629.71	661.61	675.92
115	718.40	754.69	766.53
120	798.64	838.90	847.72
125	868.73	912.47	918.21
130	927.89	974.56	977.59
135	976.13	1025.21	1026.27
140	1014.13	1065.09	1065.18
145	1042.99	1095.39	1095.39
150	1064.09	1117.54	1117.54
155	1078.85	1133.04	1133.04
160	1088.64	1143.31	1143.31
165	1094.55	1149.52	1149.52
170	1097.42	1152.53	1152.53
175	1097.67	1152.79	1152.79

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1095.35	1150.36	1150.36
185	1090.10	1144.84	1144.84
190	1081.17	1135.47	1135.47
195	1067.50	1121.12	1121.12
200	1047.78	1100.42	1100.42
205	1020.59	1071.88	1071.98
210	984.52	1034.01	1034.51
215	938.40	985.60	986.74
220	881.44	925.81	927.74
225	813.50	854.50	857.23
230	735.19	772.31	775.70
235	648.01	680.82	684.61
240	554.37	582.56	586.40
245	457.50	480.95	484.39
250	361.27	380.06	382.67
255	269.87	284.34	285.78
260	187.46	198.23	210.27
265	117.80	125.90	157.93
270	63.84	71.03	71.02
275	27.51	37.22	42.66
280	9.43	25.48	30.73
285	9.47	25.50	28.16
290	26.02	36.02	40.97
295	56.31	63.61	63.61
300	97.36	104.89	104.89
305	145.86	154.94	154.94
310	198.45	209.69	209.69
315	252.02	265.66	265.66
320	303.84	319.90	319.90
325	351.67	370.00	370.00
330	393.75	414.11	414.11
335	428.81	450.87	450.87
340	455.97	479.34	479.34
345	474.64	498.92	498.92
350	484.50	509.27	509.27
355	485.40	510.21	510.21