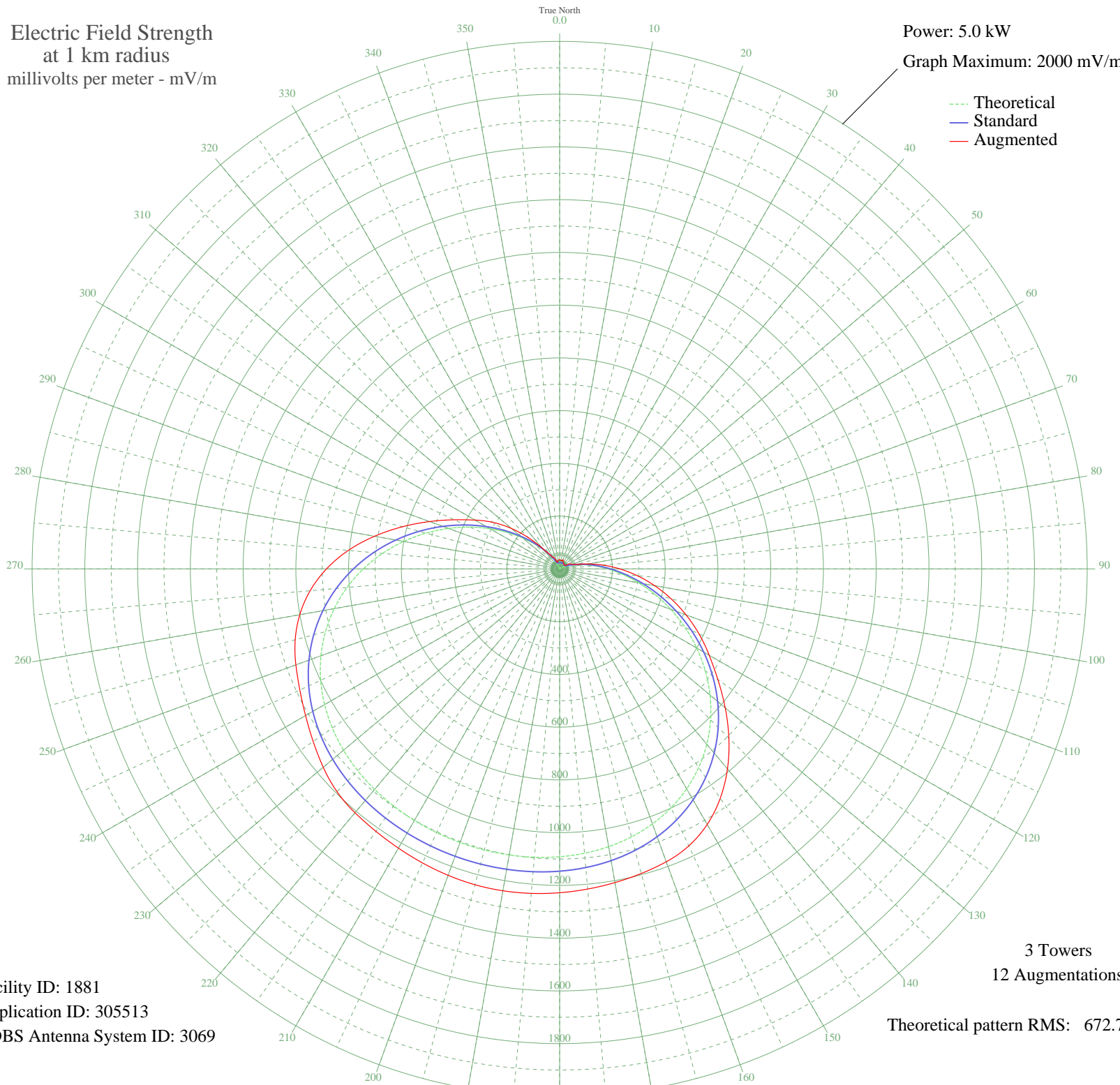


# KKOW PITTSBURG, KS BL-- 860 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 1881  
Application ID: 305513  
CDBS Antenna System ID: 3069

3 Towers  
12 Augmentations  
Theoretical pattern RMS: 672.71

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1.55	23.54	34.35
5	1.16	23.51	33.52
10	3.69	23.80	32.50
15	5.45	24.17	31.69
20	6.08	24.33	37.80
25	5.45	24.17	30.54
30	3.69	23.80	28.33
35	1.16	23.51	25.67
40	1.55	23.54	23.88
45	3.63	23.79	23.79
50	4.10	23.87	23.87
55	1.82	23.56	23.56
60	4.40	23.93	29.70
65	15.78	28.74	45.02
70	33.47	42.26	50.13
75	58.44	65.70	65.70
80	91.40	98.80	107.94
85	132.74	141.34	164.80
90	182.40	192.96	228.18
95	239.92	253.01	295.53
100	304.36	320.44	365.58
105	374.37	393.79	437.42
110	448.28	471.28	510.16
115	524.19	550.90	582.89
120	600.10	630.54	654.64
125	674.04	708.13	732.60
130	744.22	781.79	819.37
135	809.15	849.93	907.30
140	867.66	911.35	989.79
145	919.03	965.27	1061.73
150	962.94	1011.35	1118.83
155	999.43	1049.66	1158.73
160	1028.89	1080.59	1181.79
165	1051.97	1104.82	1195.59
170	1069.48	1123.20	1207.62
175	1082.30	1136.65	1218.48

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	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1091.32	1146.13	1227.84
185	1097.38	1152.49	1234.93
190	1101.17	1156.47	1239.19
195	1103.23	1158.63	1239.72
200	1103.87	1159.31	1236.30
205	1103.23	1158.63	1230.09
210	1101.17	1156.47	1222.46
215	1097.38	1152.49	1214.57
220	1091.32	1146.13	1207.01
225	1082.29	1136.65	1194.00
230	1069.48	1123.20	1170.05
235	1051.97	1104.82	1140.67
240	1028.89	1080.59	1112.31
245	999.43	1049.66	1086.76
250	962.93	1011.35	1064.13
255	919.03	965.27	1037.89
260	867.66	911.35	1000.44
265	809.14	849.93	949.51
270	744.22	781.79	884.03
275	674.04	708.13	804.30
280	600.10	630.54	712.61
285	524.19	550.90	617.28
290	448.28	471.28	524.83
295	374.37	393.79	440.55
300	304.36	320.43	370.15
305	239.92	253.01	306.84
310	182.40	192.96	238.42
315	132.74	141.34	166.92
320	91.40	98.80	102.26
325	58.44	65.70	68.04
330	33.47	42.26	50.84
335	15.78	28.74	45.33
340	4.40	23.93	25.95
345	1.82	23.56	29.18
350	4.10	23.87	32.73
355	3.63	23.79	34.50

26 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission