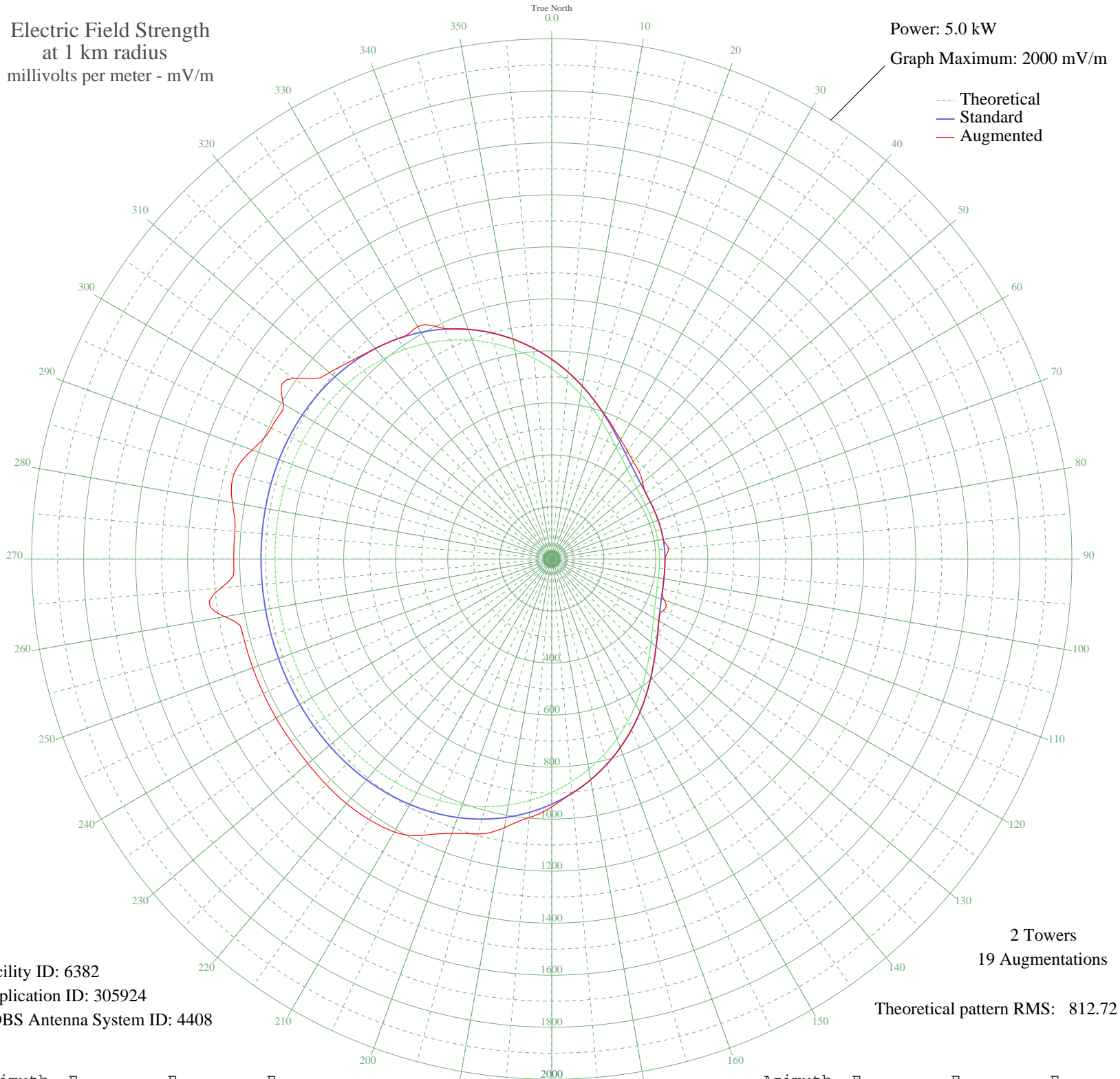


# KMBZ KANSAS CITY, MO BL-- 980 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 6382  
Application ID: 305924  
CDBS Antenna System ID: 4408

2 Towers  
19 Augmentations  
Theoretical pattern RMS: 812.72

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	730.63	767.52	767.52
5	686.30	721.00	721.00
10	642.63	675.17	675.17
15	600.73	631.21	631.21
20	561.70	590.25	592.65
25	526.54	553.36	558.45
30	496.05	521.38	529.82
35	470.78	494.87	506.94
40	450.89	474.02	488.14
45	436.18	458.59	474.76
50	426.08	448.00	456.35
55	419.76	441.38	441.38
60	416.28	437.72	437.72
65	414.68	436.04	436.04
70	414.16	435.50	435.50
75	414.10	435.43	435.43
80	414.12	435.45	435.45
85	414.09	435.43	450.62
90	414.18	435.52	435.52
95	414.76	436.13	436.13
100	416.47	437.93	437.93
105	420.15	441.79	441.79
110	426.74	448.69	460.34
115	437.18	459.64	471.02
120	452.29	475.48	475.48
125	472.60	496.78	498.90
130	498.30	523.74	523.74
135	529.19	556.14	556.14
140	564.69	593.39	593.39
145	603.99	634.63	634.63
150	646.07	678.78	678.78
155	689.83	724.71	724.71
160	734.17	771.23	771.23
165	778.00	817.24	817.24
170	820.36	861.70	861.70
175	860.39	903.72	903.72

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	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	897.39	942.55	953.05
185	930.82	977.65	997.79
190	960.33	1008.62	1048.86
195	985.72	1035.28	1094.35
200	1006.99	1057.60	1122.58
205	1024.25	1075.72	1172.04
210	1037.78	1089.92	1211.61
215	1047.94	1100.58	1223.10
220	1055.17	1108.18	1227.67
225	1059.97	1113.22	1226.74
230	1062.85	1116.24	1223.99
235	1064.30	1117.76	1223.10
240	1064.79	1118.28	1223.59
245	1064.72	1118.20	1223.57
250	1064.42	1117.89	1223.34
255	1064.15	1117.61	1223.10
260	1064.05	1117.50	1277.16
265	1064.17	1117.62	1277.08
270	1064.45	1117.92	1222.91
275	1064.74	1118.22	1223.10
280	1064.78	1118.26	1247.05
285	1064.23	1117.69	1264.63
290	1062.68	1116.06	1226.25
295	1059.67	1112.90	1190.92
300	1054.69	1107.67	1191.65
305	1047.24	1099.85	1211.70
310	1036.82	1088.92	1115.28
315	1023.01	1074.42	1081.79
320	1005.44	1055.97	1055.97
325	983.85	1033.30	1033.30
330	958.12	1006.30	1031.51
335	928.29	974.99	977.76
340	894.56	939.58	939.58
345	857.29	900.46	900.46
350	817.05	858.22	858.22
355	774.54	813.60	813.60