

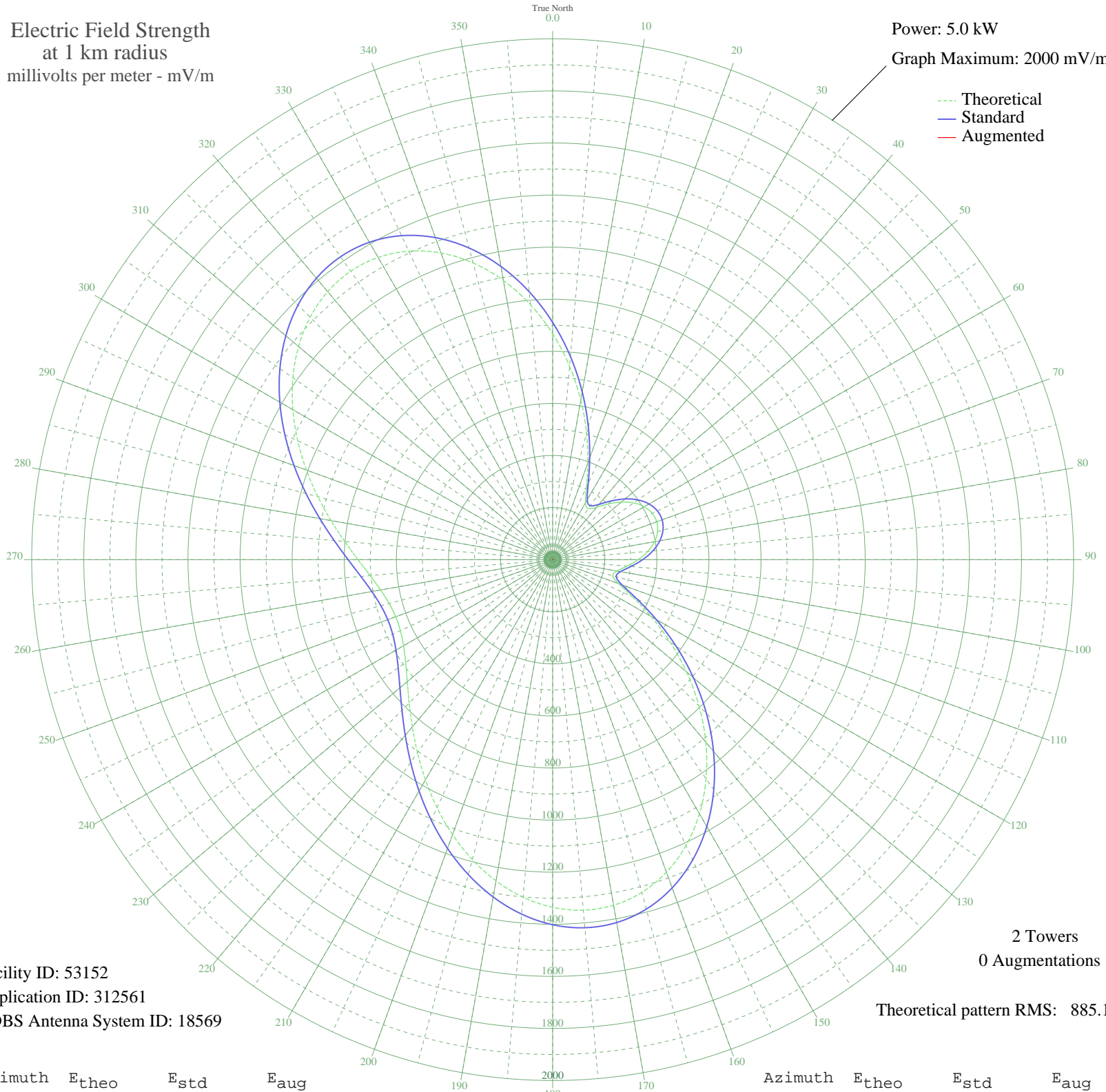
KNSS WICHITA, KS BL-- 1330 kHz

Nighttime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 53152
Application ID: 312561
CDBS Antenna System ID: 18569

2 Towers
0 Augmentations

Theoretical pattern RMS: 885.14

Azimuth	E _{theo}	E _{std}	E _{aug}
0	867.43	911.16	
5	745.46	783.15	
10	622.20	653.80	
15	503.12	528.89	
20	394.93	415.46	
25	306.87	323.22	
30	251.74	265.56	
35	239.55	252.82	
40	262.99	277.32	
45	302.80	318.96	
50	344.34	362.45	
55	380.05	399.86	
60	406.38	427.46	
65	421.68	443.49	
70	425.25	447.24	
75	416.94	438.53	
80	397.11	417.74	
85	366.75	385.93	
90	328.12	345.47	
95	286.04	301.42	
100	250.56	264.32	
105	239.26	252.52	
110	268.96	283.56	
115	338.93	356.79	
120	436.39	458.91	
125	549.86	577.91	
130	671.33	705.35	
135	794.69	834.81	
140	914.75	960.83	
145	1026.86	1078.51	
150	1126.87	1183.48	
155	1211.22	1272.04	
160	1277.16	1341.26	
165	1322.83	1389.20	
170	1347.37	1414.97	
175	1350.98	1418.76	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1334.85	1401.82	
185	1301.03	1366.32	
190	1252.30	1315.16	
195	1191.91	1251.77	
200	1123.44	1179.88	
205	1050.47	1103.29	
210	976.51	1025.66	
215	904.77	950.35	
220	838.04	880.32	
225	778.69	818.02	
230	728.55	765.41	
235	688.99	723.89	
240	660.92	694.43	
245	644.88	677.61	
250	641.17	673.71	
255	649.83	682.80	
260	670.72	704.72	
265	703.48	739.09	
270	747.41	785.19	
275	801.42	841.88	
280	863.97	907.53	
285	933.01	979.99	
290	1006.00	1056.61	
295	1079.97	1134.25	
300	1151.57	1209.41	
305	1217.24	1278.36	
310	1273.38	1337.29	
315	1316.52	1382.58	
320	1343.56	1410.97	
325	1351.99	1419.82	
330	1340.10	1407.33	
335	1307.07	1372.66	
340	1253.14	1316.04	
345	1179.55	1238.79	
350	1088.56	1143.27	
355	983.25	1032.73	

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission