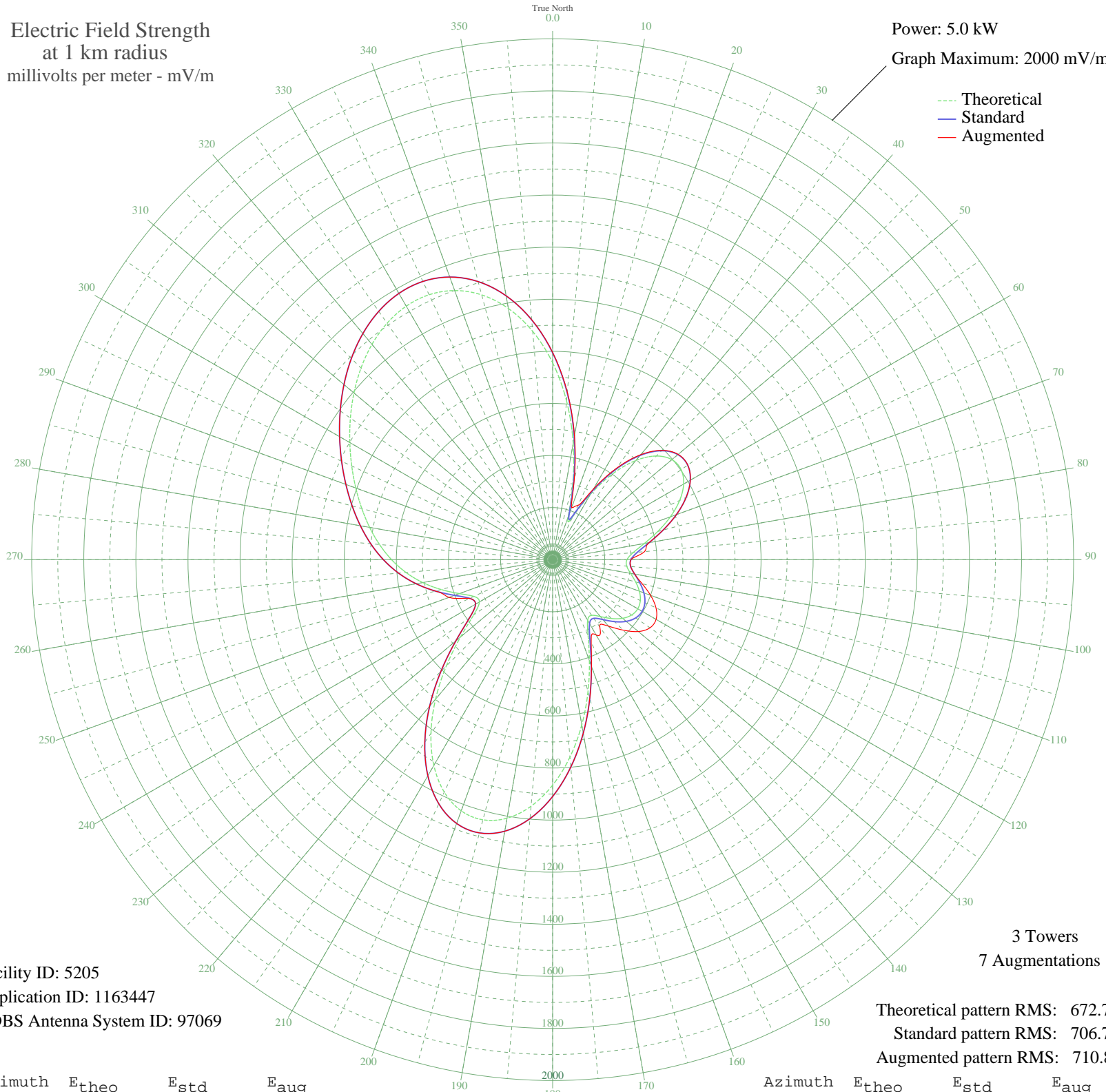


# KHMO HANNIBAL, MO BL-20061130AVM 1070 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 5205  
Application ID: 1163447  
CDBS Antenna System ID: 97069

3 Towers  
7 Augmentations

Theoretical pattern RMS: 672.71  
Standard pattern RMS: 706.74  
Augmented pattern RMS: 710.89

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	756.16	794.31	795.70
5	611.82	642.84	645.50
10	454.39	477.68	482.45
15	296.82	312.55	321.22
20	174.10	184.31	213.04
25	180.73	191.22	229.91
30	288.86	304.21	313.34
35	403.38	424.20	429.80
40	497.41	522.81	526.31
45	562.92	591.53	593.59
50	597.57	627.89	628.94
55	602.35	632.90	633.27
60	580.69	610.18	610.21
65	537.94	565.32	565.32
70	480.88	505.47	505.47
75	417.56	439.06	439.06
80	357.23	375.82	375.82
85	310.13	326.48	354.06
90	285.30	300.48	300.48
95	285.35	300.53	300.53
100	303.72	319.77	319.77
105	329.72	347.01	355.33
110	354.28	372.73	399.88
115	371.34	390.61	437.84
120	377.29	396.85	458.59
125	370.33	389.56	456.19
130	350.37	368.64	429.19
135	319.74	336.55	382.60
140	285.12	300.29	333.14
145	260.87	274.92	315.75
150	268.75	283.17	333.92
155	321.89	338.80	350.35
160	412.31	433.57	435.81
165	524.21	550.92	550.92
170	644.08	676.69	676.69
175	761.06	799.45	799.45

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.

06 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	865.85	909.44	909.44
185	950.40	998.20	998.20
190	1008.11	1058.77	1058.77
195	1034.24	1086.20	1086.20
200	1026.39	1077.97	1077.97
205	984.78	1034.29	1034.29
210	912.32	958.22	958.22
215	814.53	855.58	855.58
220	699.39	734.74	734.74
225	577.27	606.59	606.59
230	461.58	485.23	485.23
235	370.32	389.54	389.54
240	324.71	341.75	341.75
245	333.83	351.30	351.97
250	381.08	400.83	423.54
255	443.20	465.95	465.95
260	506.37	532.21	532.21
265	565.13	593.85	593.85
270	618.42	649.77	649.77
275	667.25	701.01	701.01
280	713.37	749.40	749.40
285	758.55	796.82	796.82
290	804.18	844.72	844.72
295	851.05	893.91	893.91
300	899.21	944.47	944.47
305	947.95	995.63	995.63
310	995.79	1045.85	1045.85
315	1040.51	1092.79	1092.79
320	1079.19	1133.40	1133.40
325	1108.35	1164.00	1164.00
330	1124.09	1180.53	1180.53
335	1122.43	1178.79	1178.79
340	1099.62	1154.84	1154.84
345	1052.62	1105.50	1105.50
350	979.54	1028.78	1028.95
355	880.13	924.43	925.04