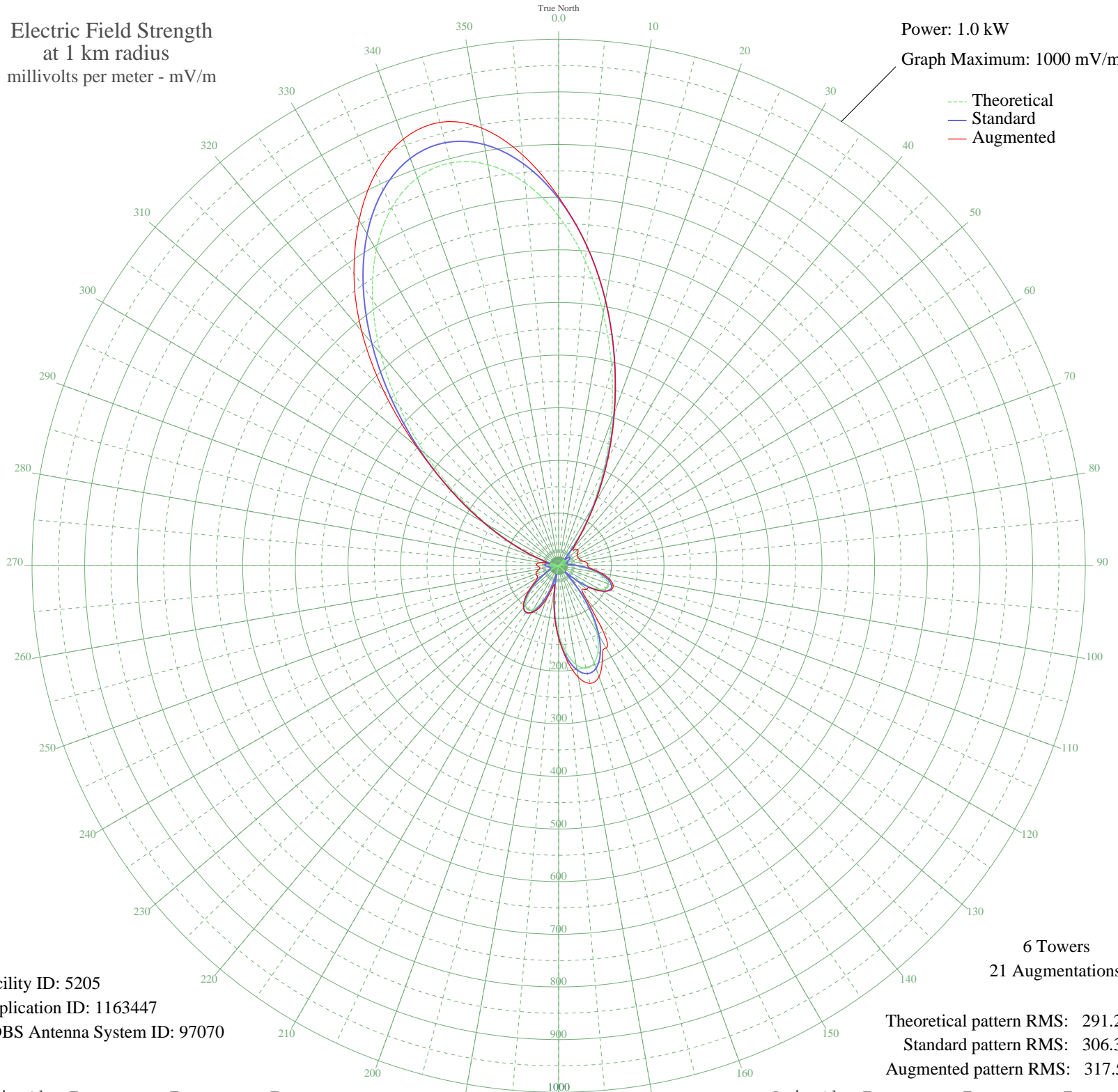


KHMO HANNIBAL, MO BL-20061130AVM 1070 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 5205
Application ID: 1163447
CDBS Antenna System ID: 97070

6 Towers
21 Augmentations

Theoretical pattern RMS: 291.29
Standard pattern RMS: 306.30
Augmented pattern RMS: 317.59

Azimuth	E _{theo}	E _{std}	E _{aug}
0	663.98	697.37	700.32
5	581.16	610.44	610.44
10	487.26	511.89	511.89
15	388.84	408.61	409.21
20	292.39	307.45	310.17
25	203.77	214.59	218.93
30	127.63	135.02	139.37
35	67.05	72.31	77.25
40	23.32	29.52	43.15
45	4.07	17.02	42.50
50	17.23	24.47	47.82
55	19.49	26.27	44.78
60	14.90	22.72	41.33
65	7.70	18.36	39.61
70	1.77	16.58	41.13
75	0.12	16.48	42.32
80	4.60	17.17	48.57
85	15.67	23.28	54.72
90	32.36	37.76	55.13
95	52.48	57.52	62.26
100	72.92	78.32	83.17
105	90.10	96.03	100.58
110	100.49	106.79	110.16
115	101.16	107.49	109.31
120	90.25	96.18	96.65
125	67.28	72.54	73.58
130	33.36	38.71	69.90
135	8.93	18.96	62.92
140	55.77	60.84	80.47
145	102.57	108.95	136.55
150	144.49	152.61	180.57
155	177.07	186.66	196.12
160	196.79	207.28	224.19
165	201.48	212.19	231.27
170	190.62	200.83	215.03
175	165.41	174.46	179.87

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 _{theo}	E _{std}	E _{aug}
180	128.61	136.04	136.92
185	84.17	89.90	92.54
190	36.77	41.98	48.96
195	8.77	18.88	39.47
200	48.11	53.14	66.37
205	77.88	83.42	89.89
210	96.06	102.20	102.72
215	102.20	108.57	107.35
220	97.35	103.54	103.55
225	83.85	89.57	92.03
230	64.93	70.14	74.91
235	44.20	49.25	56.74
240	25.12	31.10	46.51
245	10.48	19.82	45.24
250	2.01	16.62	45.81
255	0.12	16.48	42.88
260	3.77	16.95	37.45
265	10.63	19.91	36.03
270	17.28	24.51	40.76
275	19.64	26.40	41.47
280	13.48	21.72	34.23
285	5.03	17.31	23.14
290	38.79	43.93	42.15
295	89.29	95.19	93.66
300	156.35	164.99	164.21
305	237.95	250.39	250.04
310	330.34	347.25	353.25
315	428.33	450.05	470.29
320	525.74	552.27	582.31
325	615.97	646.98	677.66
330	692.62	727.44	757.83
335	750.10	787.78	822.39
340	784.12	823.50	862.39
345	792.14	831.91	871.84
350	773.53	812.38	844.36
355	729.72	766.38	783.06