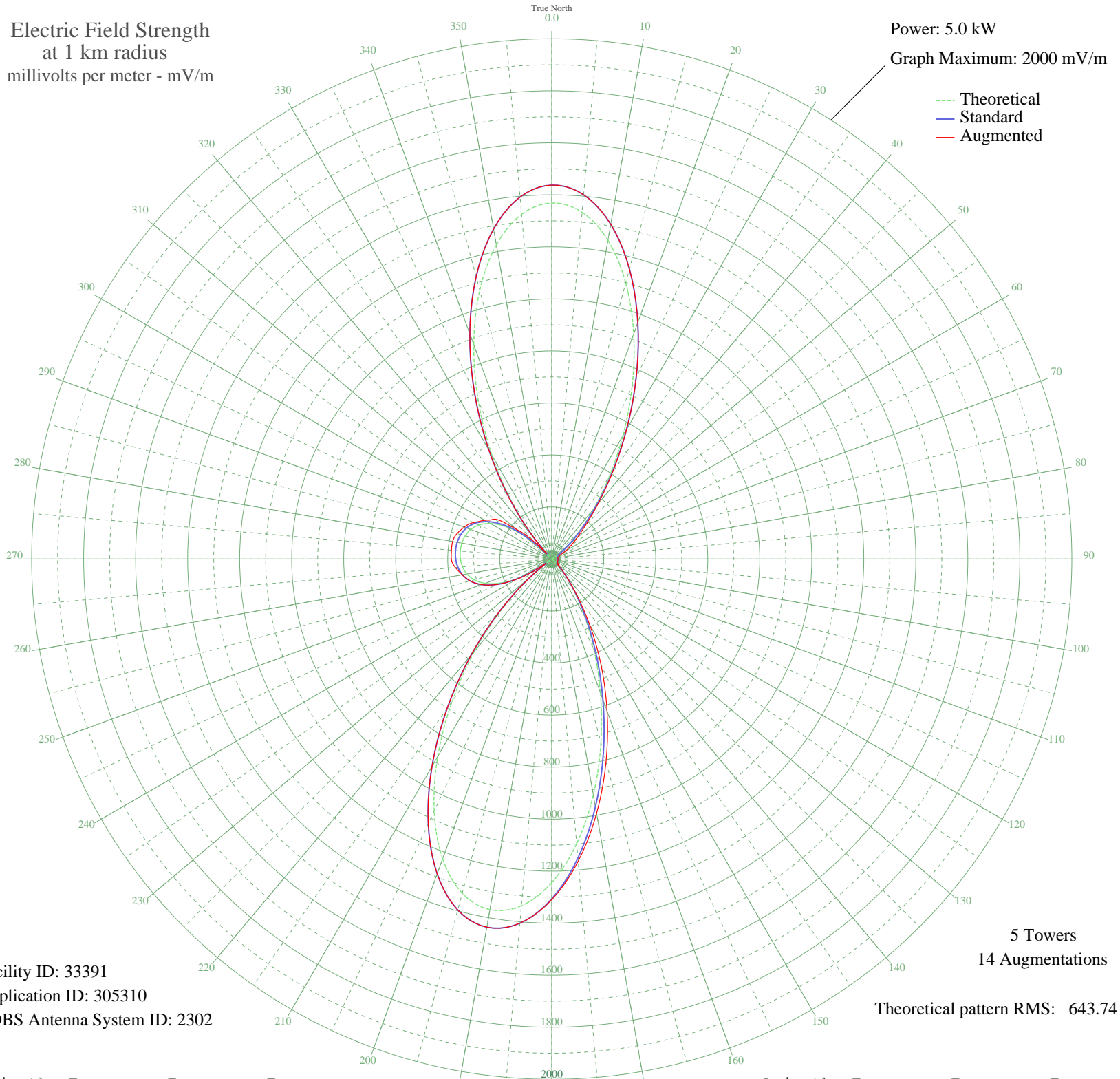


# KCMO KANSAS CITY, MO BL-- 710 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 33391  
Application ID: 305310  
CDBS Antenna System ID: 2302

5 Towers  
14 Augmentations

Theoretical pattern RMS: 643.74

Azimuth	Etheo	Estd	Eaug
0	1368.71	1437.34	1437.34
5	1338.40	1405.52	1405.52
10	1244.15	1306.57	1306.57
15	1098.90	1154.09	1154.09
20	921.04	967.37	967.37
25	730.84	767.74	767.74
30	547.00	574.83	575.54
35	383.88	403.76	408.27
40	250.16	263.72	276.79
45	148.80	158.00	184.87
50	78.11	85.31	127.41
55	33.38	42.18	90.63
60	8.50	25.12	60.58
65	2.62	23.64	35.52
70	5.26	24.12	30.60
75	3.45	23.76	25.31
80	0.02	23.48	24.19
85	3.40	23.75	24.28
90	5.74	24.24	24.43
95	6.56	24.47	24.47
100	5.74	24.24	24.33
105	3.40	23.75	24.26
110	0.02	23.48	24.37
115	3.45	23.76	24.59
120	5.26	24.12	24.53
125	2.62	23.64	32.76
130	8.50	25.12	30.02
135	33.38	42.18	42.18
140	78.11	85.31	85.31
145	148.80	158.00	162.28
150	250.16	263.72	291.50
155	383.88	403.76	448.04
160	547.00	574.83	621.91
165	730.84	767.74	806.72
170	921.04	967.37	992.93
175	1098.90	1154.09	1166.39

Azimuth	Etheo	Estd	Eaug
180	1244.15	1306.57	1309.72
185	1338.40	1405.52	1405.52
190	1368.71	1437.34	1437.34
195	1330.12	1396.82	1396.82
200	1226.51	1288.05	1288.05
205	1069.70	1123.43	1123.43
210	876.87	921.02	921.02
215	667.34	701.10	701.10
220	459.25	482.78	482.78
225	267.15	281.49	281.49
230	100.71	108.32	108.32
235	35.45	44.01	52.83
240	140.99	149.89	155.20
245	218.65	230.78	230.78
250	272.91	287.52	287.52
255	308.85	325.14	325.14
260	331.32	348.67	349.05
265	344.36	362.34	372.31
270	350.97	369.27	386.24
275	352.98	371.37	387.18
280	350.97	369.27	387.06
285	344.36	362.34	377.31
290	331.32	348.67	358.00
295	308.85	325.14	331.54
300	272.91	287.51	298.14
305	218.65	230.78	267.22
310	140.99	149.89	176.70
315	35.45	44.01	74.71
320	100.71	108.32	108.32
325	267.15	281.49	281.49
330	459.25	482.78	482.78
335	667.34	701.10	701.10
340	876.88	921.02	921.02
345	1069.70	1123.43	1123.43
350	1226.51	1288.05	1288.05
355	1330.12	1396.82	1396.82

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission