

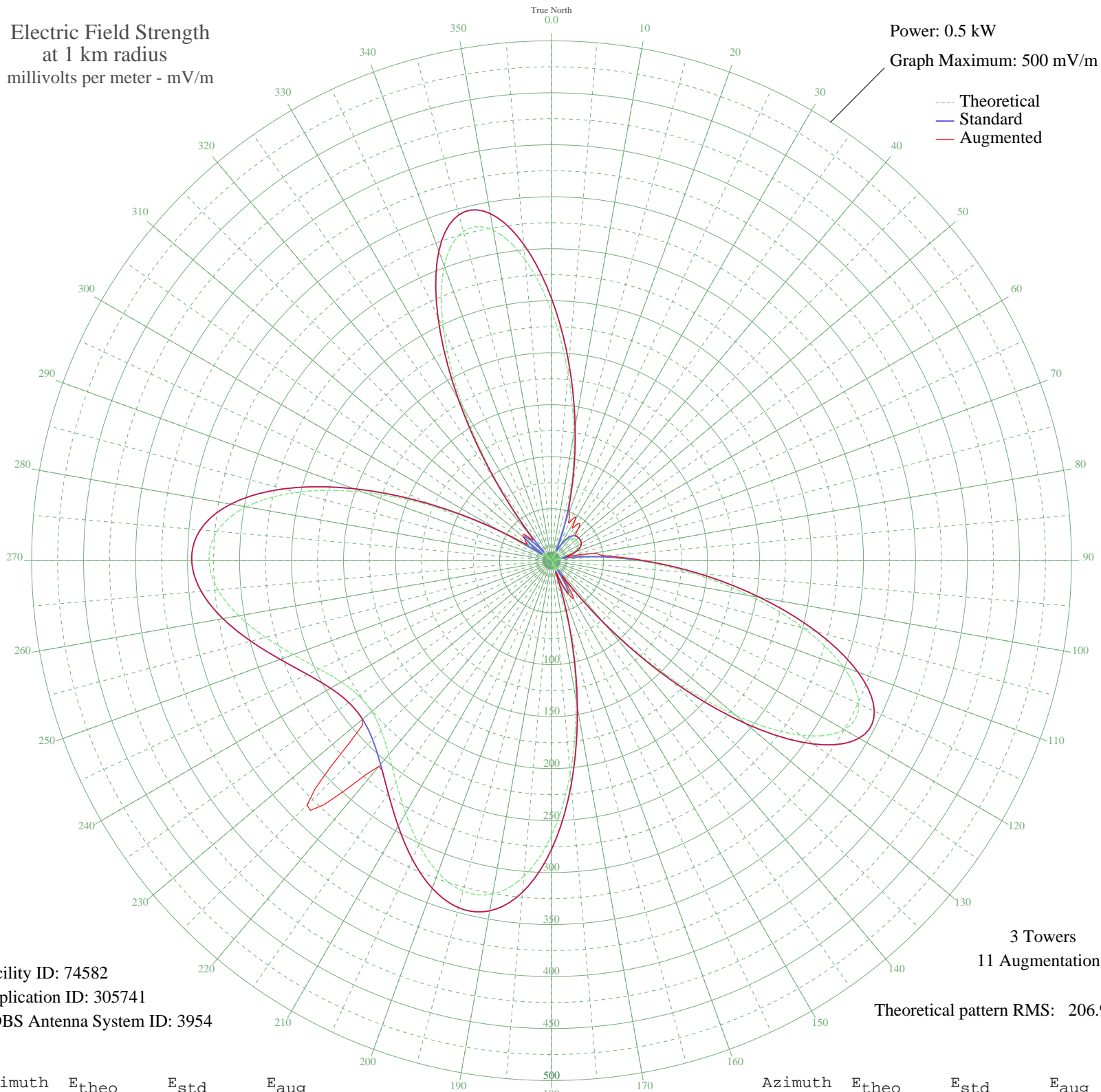
KZIM CAPE GIRARDEAU, MO BL-- 960 kHz

Nighttime

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

Power: 0.5 kW

Graph Maximum: 500 mV/m



Facility ID: 74582
Application ID: 305741
CDBS Antenna System ID: 3954

3 Towers
11 Augmentations
Theoretical pattern RMS: 206.96

Azimuth	Etheo	Estd	Eaug
0	240.04	252.26	252.26
5	181.54	190.91	190.91
10	124.00	130.63	130.63
15	73.83	78.23	78.23
20	34.33	37.54	49.58
25	6.11	12.30	39.71
30	12.12	16.50	45.72
35	22.64	25.98	42.56
40	27.92	31.14	40.21
45	30.14	33.34	33.34
50	30.84	34.04	34.04
55	30.77	33.97	33.97
60	29.86	33.06	33.06
65	27.17	30.40	30.40
70	21.03	24.45	24.45
75	9.17	14.25	14.25
80	10.89	15.53	39.37
85	41.31	44.63	52.98
90	83.07	87.85	89.56
95	135.08	142.22	142.22
100	193.42	203.36	203.36
105	251.09	263.85	263.85
110	298.66	313.77	313.77
115	326.04	342.51	342.51
120	325.12	341.54	341.54
125	292.58	307.39	307.39
130	231.96	243.78	243.78
135	153.87	161.90	161.90
140	74.00	78.41	78.41
145	9.25	14.30	17.21
150	26.77	30.01	42.05
155	27.31	30.54	30.54
160	6.12	12.31	12.31
165	64.81	68.85	68.85
170	135.86	143.04	143.04
175	205.91	216.46	216.46

Azimuth	Etheo	Estd	Eaug
180	264.26	277.67	277.67
185	304.66	320.06	320.06
190	325.50	341.93	341.93
195	328.90	345.50	345.50
200	319.21	335.34	335.34
205	301.54	316.79	316.79
210	280.65	294.87	294.87
215	260.36	273.58	273.58
220	243.43	255.81	258.31
225	231.57	243.38	332.40
230	225.77	237.29	237.29
235	226.42	237.97	237.97
240	233.48	245.38	245.38
245	246.45	258.99	258.99
250	264.22	277.63	277.63
255	284.88	299.31	299.31
260	305.47	320.92	320.92
265	321.95	338.21	338.21
270	329.42	346.06	346.06
275	322.83	339.14	339.14
280	298.15	313.24	313.24
285	253.90	266.80	266.80
290	192.55	202.45	202.45
295	121.32	127.82	127.82
300	51.64	55.23	55.23
305	2.95	10.95	28.98
310	30.08	33.29	34.93
315	22.31	25.67	33.24
320	20.26	23.72	32.98
325	89.29	94.34	94.70
330	170.18	178.99	178.99
335	245.91	258.42	258.42
340	301.55	316.80	316.80
345	327.82	344.37	344.37
350	322.62	338.92	338.92
355	290.44	305.15	305.15

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