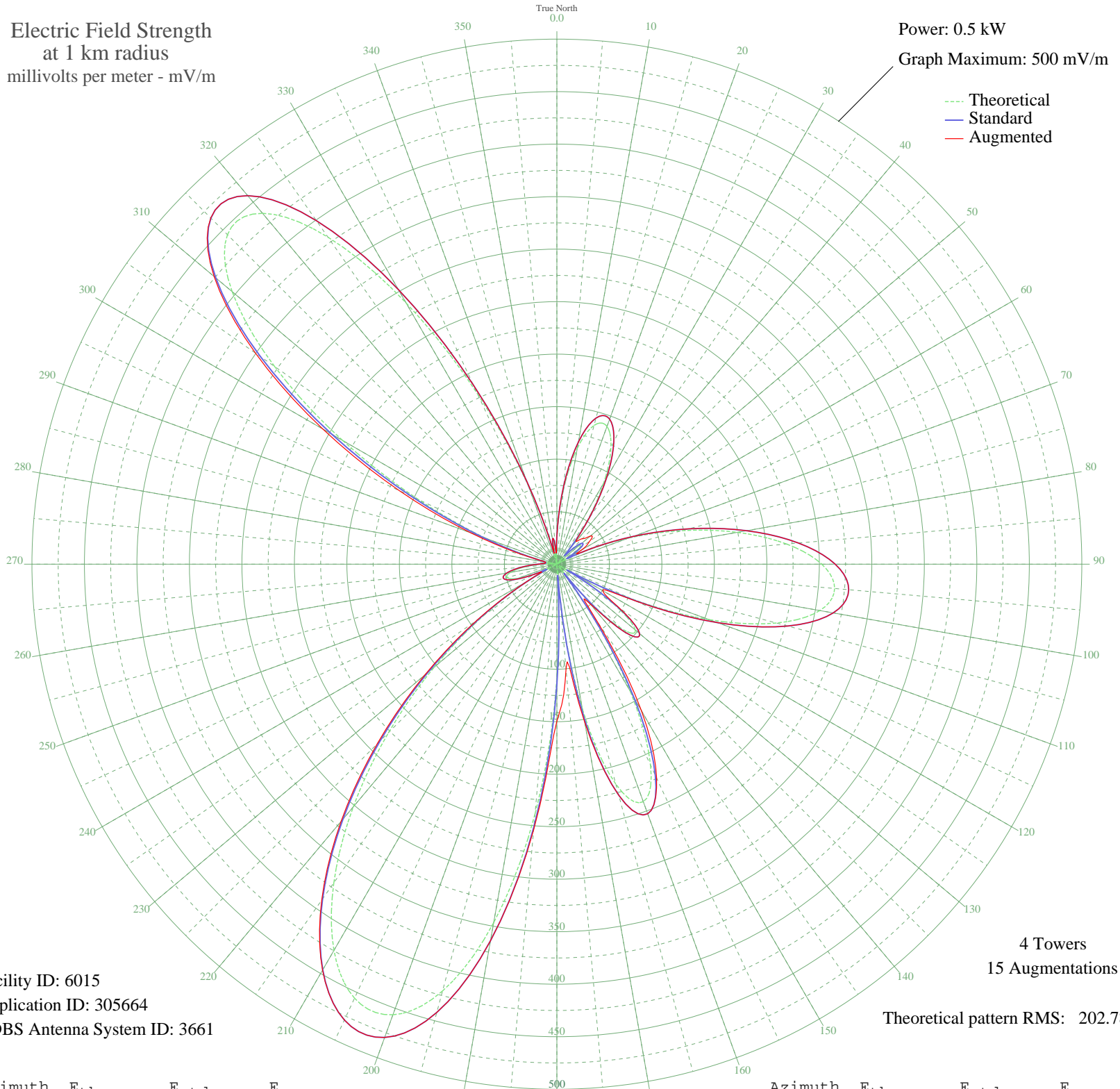


KWOC POPLAR BLUFF, MO BL-- 930 kHz

Nighttime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 6015
Application ID: 305664
CDBS Antenna System ID: 3661

4 Towers
15 Augmentations
Theoretical pattern RMS: 202.78

Azimuth	E _{theo}	E _{std}	E _{aug}
0	23.72	27.03	27.03
5	70.48	74.74	74.74
10	112.05	118.13	118.13
15	136.80	144.03	144.03
20	139.61	146.97	146.97
25	121.75	128.27	128.27
30	89.17	94.21	94.21
35	50.20	53.75	53.75
40	13.36	17.53	28.20
45	14.22	18.25	34.30
50	27.72	30.94	41.62
55	24.81	28.08	38.17
60	5.53	12.00	27.77
65	28.13	31.35	31.35
70	72.65	77.00	77.00
75	123.32	129.92	129.92
80	174.49	183.52	183.52
85	219.75	230.98	230.98
90	252.29	265.11	265.11
95	265.54	279.01	279.01
100	254.34	267.26	267.26
105	216.52	227.59	227.59
110	154.62	162.69	162.69
115	77.00	81.53	83.19
120	2.32	10.78	50.48
125	65.95	70.04	71.97
130	97.42	102.83	102.83
135	86.38	91.30	91.35
140	33.12	36.33	49.38
145	49.80	53.33	69.22
150	139.95	147.32	160.93
155	211.06	221.86	224.76
160	240.69	252.94	252.94
165	216.73	227.81	227.81
170	140.43	147.83	153.02
175	25.07	28.34	100.16

Azimuth	E _{theo}	E _{std}	E _{aug}
180	108.68	114.60	149.54
185	238.71	250.87	253.96
190	346.63	364.12	364.12
195	420.75	441.92	441.92
200	456.65	479.60	479.60
205	456.02	478.93	478.93
210	424.63	445.99	446.38
215	370.39	389.05	390.50
220	301.73	316.99	319.81
225	226.68	238.25	242.14
230	152.36	160.32	164.31
235	84.69	89.55	92.20
240	28.31	31.53	32.55
245	13.58	17.71	20.24
250	39.35	42.63	42.63
255	49.11	52.62	52.62
260	44.94	48.34	48.34
265	31.04	34.24	34.24
270	13.74	17.84	17.84
275	1.06	10.56	11.25
280	1.82	10.67	10.75
285	23.91	27.22	30.14
290	72.02	76.35	87.37
295	145.27	152.90	165.41
300	235.65	247.66	257.50
305	328.21	344.78	350.51
310	403.75	424.07	426.19
315	443.74	466.04	466.22
320	436.16	458.09	458.09
325	380.17	399.32	399.32
330	287.40	301.95	301.95
335	179.07	188.31	188.31
340	79.69	84.33	84.33
345	9.65	14.59	14.59
350	20.50	23.94	23.94
355	12.06	16.45	16.45

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission