

WNTA ROCKFORD, IL BML-20060621ADG 1330 kHz

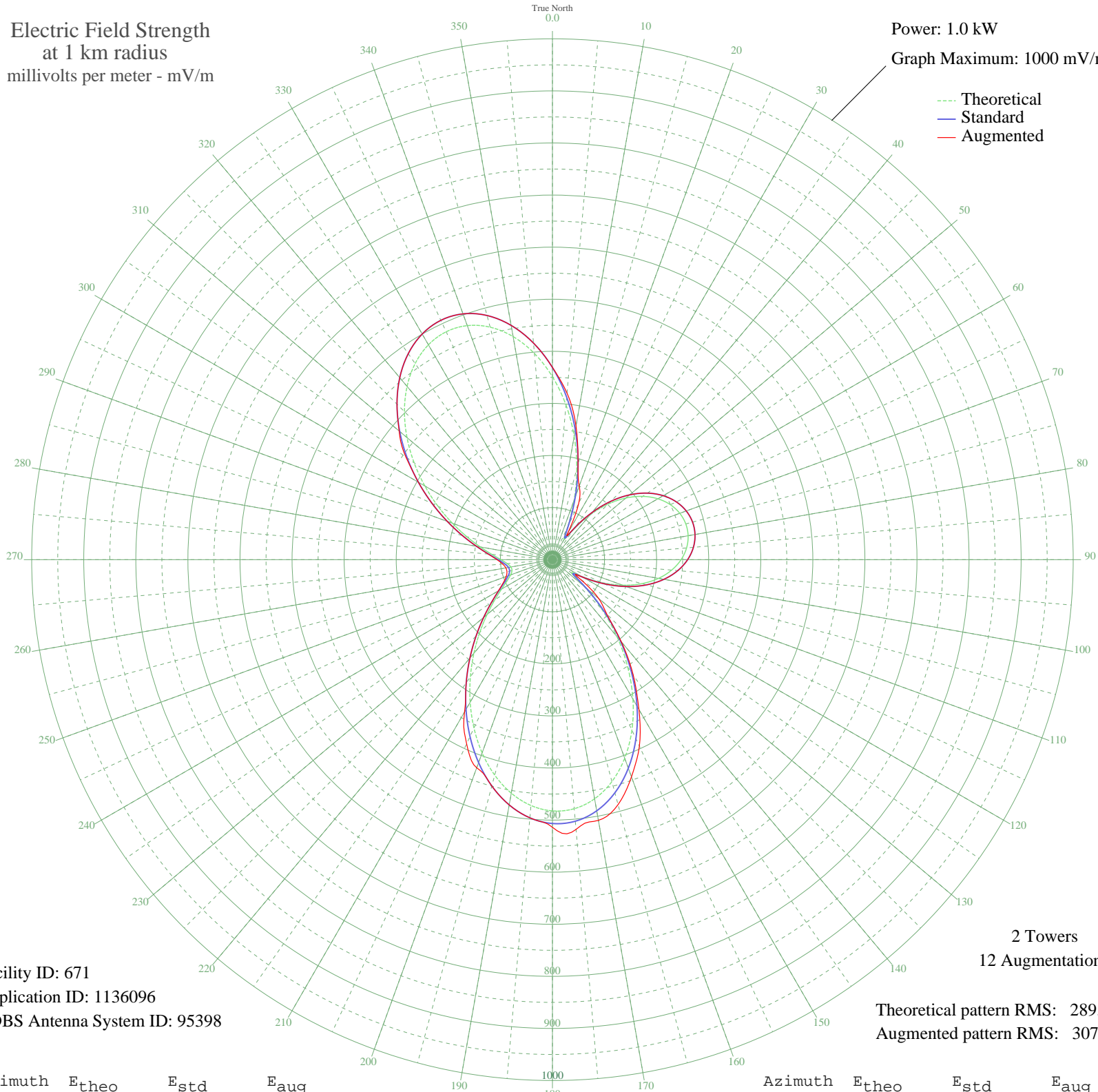
Daytime

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

Power: 1.0 kW

Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 671
Application ID: 1136096
CDBS Antenna System ID: 95398

2 Towers
12 Augmentations

Theoretical pattern RMS: 289.04
Augmented pattern RMS: 307.52

Azimuth	E _{theo}	E _{std}	E _{aug}
0	351.21	368.92	369.23
5	298.13	313.22	321.06
10	240.46	252.70	260.55
15	180.70	190.02	190.02
20	121.86	128.38	150.26
25	69.25	73.46	119.39
30	44.03	47.41	59.64
35	71.05	75.34	75.67
40	111.90	117.96	117.96
45	150.53	158.41	158.41
50	184.10	193.59	193.59
55	211.88	222.72	222.72
60	233.75	245.67	245.67
65	249.81	262.51	262.51
70	260.22	273.43	273.43
75	265.11	278.56	278.56
80	264.56	277.99	277.99
85	258.58	271.71	271.71
90	247.06	259.62	259.62
95	229.85	241.57	241.57
100	206.80	217.39	217.39
105	177.84	187.03	187.03
110	143.17	150.70	150.70
115	103.73	109.42	109.42
120	63.43	67.42	67.42
125	44.56	47.95	65.57
130	78.74	83.34	115.87
135	133.37	140.43	147.38
140	192.68	202.59	205.73
145	252.24	265.06	270.52
150	309.19	324.82	332.19
155	361.08	379.27	395.03
160	405.69	426.10	443.69
165	441.20	463.38	486.87
170	466.24	489.66	508.19
175	480.01	504.12	519.89

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	482.37	506.59	513.79
185	473.77	497.57	497.57
190	455.25	478.12	478.12
195	428.30	449.84	449.84
200	394.76	414.63	425.19
205	356.63	374.61	389.98
210	315.95	331.92	337.49
215	274.69	288.62	288.62
220	234.61	246.57	246.57
225	197.26	207.39	207.39
230	163.90	172.41	172.41
235	135.51	142.67	142.79
240	112.79	118.90	119.82
245	96.09	101.44	103.90
250	85.41	90.29	94.50
255	80.47	85.14	90.46
260	81.01	85.71	90.90
265	87.07	92.03	95.91
270	98.94	104.42	106.53
275	116.86	123.15	123.85
280	140.75	148.16	148.21
285	170.20	179.02	179.02
290	204.45	214.93	214.93
295	242.46	254.80	254.80
300	282.90	297.23	297.23
305	324.20	340.57	343.58
310	364.52	382.90	384.31
315	401.90	422.13	422.13
320	434.28	456.11	456.11
325	459.68	482.78	482.78
330	476.32	500.25	500.25
335	482.80	507.05	507.05
340	478.17	502.19	502.19
345	462.11	485.33	485.33
350	434.90	456.76	456.76
355	397.44	417.45	417.45