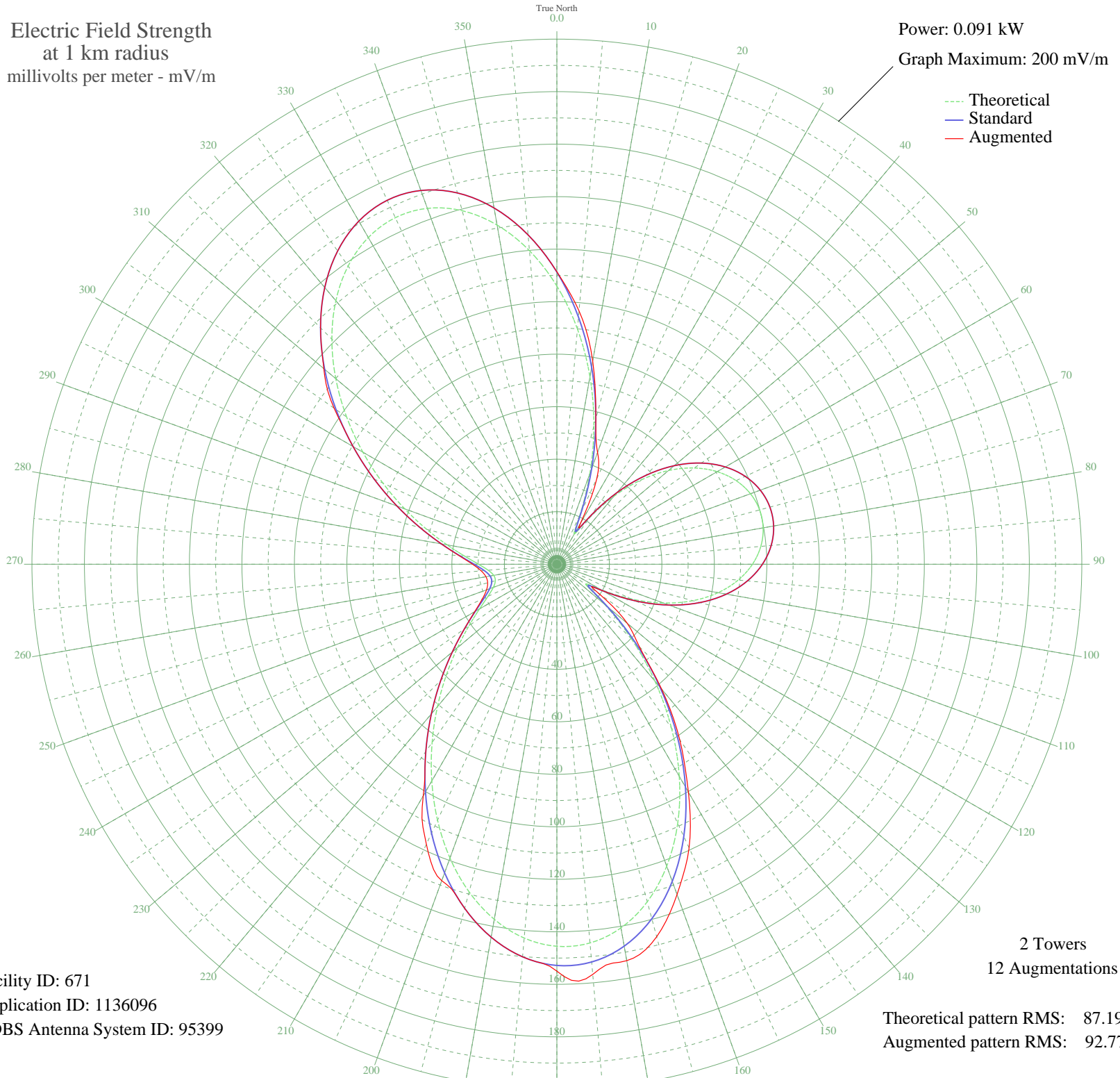


WNTA ROCKFORD, IL BML-20060621ADG 1330 kHz

Nighttime

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

Power: 0.091 kW  
Graph Maximum: 200 mV/m



Facility ID: 671  
Application ID: 1136096  
CDBS Antenna System ID: 95399

Theoretical pattern RMS: 87.19  
Augmented pattern RMS: 92.77

Azimuth	Etheo	Estd	Eaug
0	105.95	111.29	111.38
5	89.93	94.48	96.85
10	72.53	76.23	78.60
15	54.51	57.32	57.32
20	36.76	38.73	45.32
25	20.89	22.16	36.01
30	13.28	14.30	17.98
35	21.43	22.73	22.82
40	33.75	35.58	35.58
45	45.41	47.78	47.78
50	55.53	58.40	58.40
55	63.91	67.19	67.19
60	70.51	74.11	74.11
65	75.36	79.19	79.19
70	78.50	82.48	82.48
75	79.97	84.03	84.03
80	79.81	83.86	83.86
85	78.00	81.96	81.96
90	74.53	78.32	78.32
95	69.33	72.87	72.87
100	62.38	65.58	65.58
105	53.65	56.42	56.42
110	43.19	45.46	45.46
115	31.29	33.01	33.01
120	19.13	20.34	20.34
125	13.44	14.46	19.81
130	23.75	25.14	35.00
135	40.23	42.36	44.47
140	58.12	61.11	62.08
145	76.09	79.96	81.64
150	93.27	97.98	100.24
155	108.92	114.41	119.19
160	122.38	128.54	133.87
165	133.09	139.78	146.89
170	140.64	147.71	153.32
175	144.80	152.07	156.82

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	145.51	152.82	154.99
185	142.91	150.09	150.09
190	137.33	144.23	144.23
195	129.20	135.70	135.70
200	119.08	125.08	128.26
205	107.58	113.00	117.65
210	95.31	100.12	101.82
215	82.86	87.06	87.06
220	70.77	74.38	74.38
225	59.50	62.56	62.56
230	49.44	52.01	52.01
235	40.88	43.04	43.07
240	34.02	35.87	36.15
245	28.99	30.60	31.35
250	25.76	27.24	28.52
255	24.27	25.68	27.30
260	24.44	25.85	27.43
265	26.27	27.76	28.94
270	29.85	31.50	32.14
275	35.25	37.15	37.36
280	42.46	44.69	44.71
285	51.34	54.00	54.00
290	61.67	64.83	64.83
295	73.14	76.86	76.86
300	85.34	89.66	89.66
305	97.80	102.73	103.62
310	109.96	115.50	115.92
315	121.24	127.34	127.34
320	131.00	137.59	137.59
325	138.66	145.63	145.63
330	143.68	150.90	150.90
335	145.64	152.95	152.95
340	144.24	151.49	151.49
345	139.40	146.40	146.40
350	131.19	137.78	137.78
355	119.89	125.92	125.92