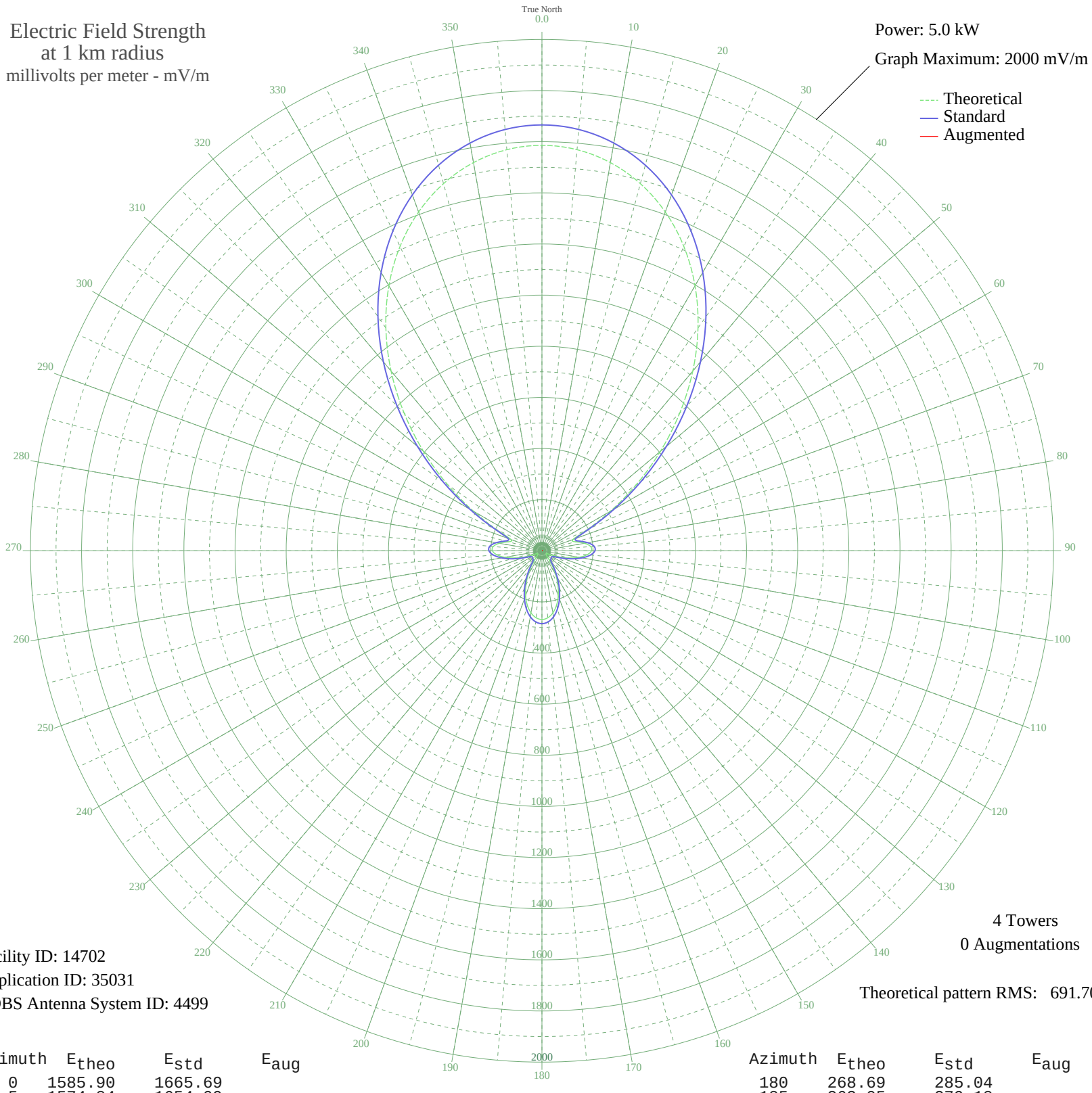
WCUB TWO RIVERS, WI BL-19811009AE 980 kHz

Nighttime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 14702
Application ID: 35031
CDBS Antenna System ID: 4499

Theoretical pattern RMS: 691.70

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1585.90	1665.69	
5	1574.84	1654.09	
10	1541.73	1619.33	
15	1486.73	1561.60	
20	1410.28	1481.35	
25	1313.20	1379.46	
30	1197.00	1257.50	
35	1063.99	1117.93	
40	917.57	964.31	
45	762.29	801.44	
50	603.95	635.45	
55	449.59	473.82	
60	308.06	326.01	
65	192.43	206.11	
70	128.43	140.86	
75	135.53	148.00	
80	168.76	181.81	
85	191.06	204.70	
90	193.60	207.31	
95	177.34	190.60	
100	146.94	159.56	
105	108.66	121.13	
110	69.39	83.45	
115	36.33	55.77	
120	19.62	45.60	
125	21.74	46.65	
130	22.79	47.20	
135	22.85	47.23	
140	38.30	57.21	
145	68.95	83.05	
150	107.07	119.56	
155	147.58	160.21	
160	186.46	199.96	
165	220.34	234.91	
170	246.53	262.04	
175	263.05	279.18	
180	268.69	285.04	
185	263.05	279.18	
190	246.53	262.04	
195	220.34	234.91	
200	186.46	199.96	
205	147.58	160.21	
210	107.07	119.56	
215	68.95	83.05	
220	38.30	57.21	
225	22.85	47.23	
230	22.79	47.20	
235	21.74	46.65	
240	19.62	45.60	
245	36.33	55.77	
250	69.39	83.45	
255	108.66	121.13	
260	146.94	159.56	
265	177.34	190.60	
270	193.60	207.31	
275	191.06	204.70	
280	168.76	181.81	
285	135.53	148.00	
290	128.43	140.86	
295	192.43	206.11	
300	308.06	326.01	
305	449.60	473.83	
310	603.95	635.45	
315	762.30	801.44	
320	917.57	964.31	
325	1063.99	1117.93	
330	1197.00	1257.51	
335	1313.20	1379.47	
340	1410.28	1481.35	
345	1486.73	1561.60	
350	1541.73	1619.33	
355	1574.84	1654.09	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau
Federal Communications Commission