

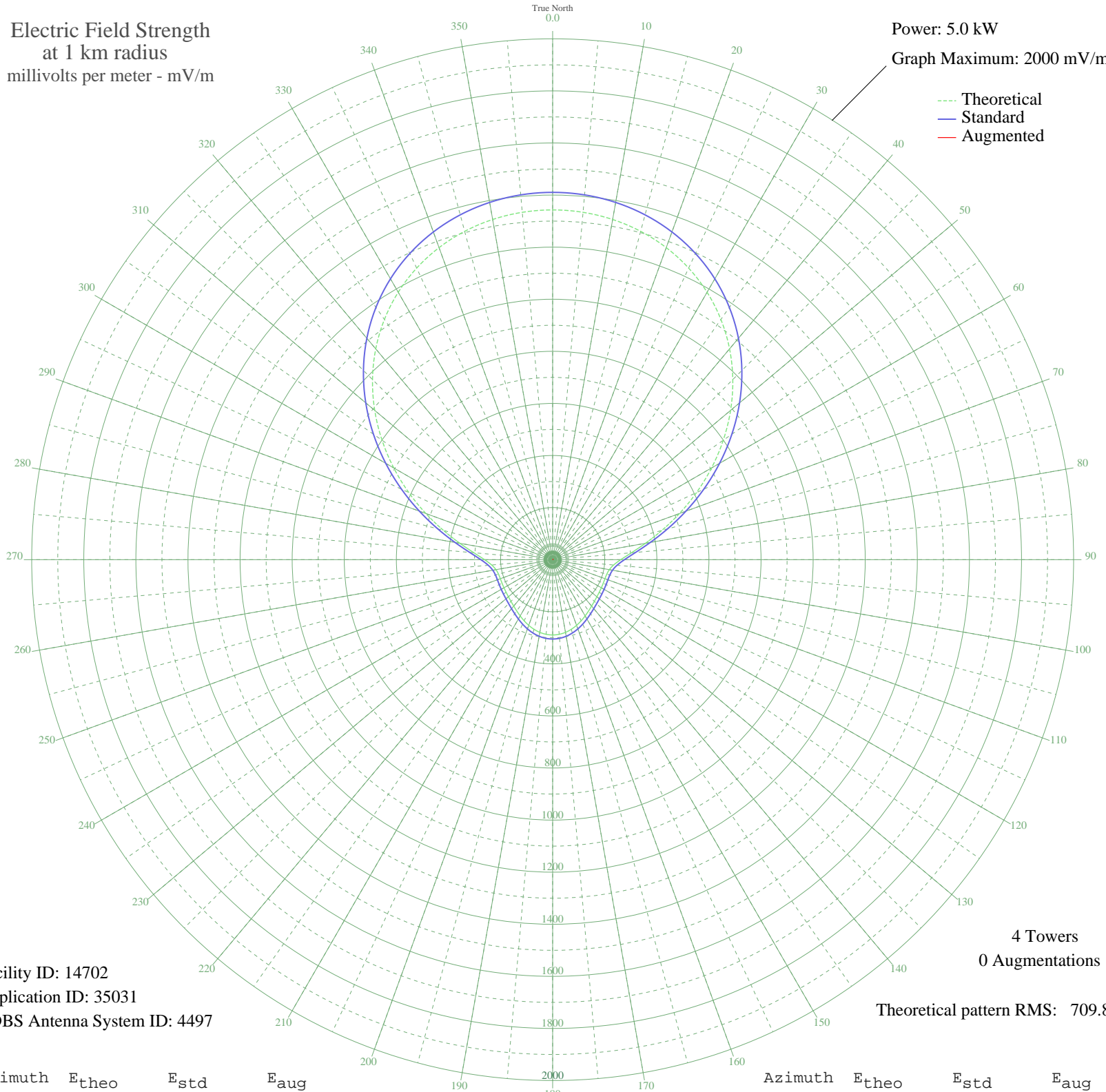
WCUB TWO RIVERS, WI BL-19811009AE 980 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 14702
Application ID: 35031
CDBS Antenna System ID: 4497

4 Towers
0 Augmentations

Theoretical pattern RMS: 709.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1343.02	1410.40	
5	1338.89	1406.06	
10	1326.40	1392.95	
15	1305.26	1370.75	
20	1275.06	1339.05	
25	1235.35	1297.35	
30	1185.74	1245.28	
35	1126.09	1182.66	
40	1056.62	1109.74	
45	978.05	1027.26	
50	891.71	936.63	
55	799.59	839.95	
60	704.37	740.01	
65	609.26	640.21	
70	517.89	544.36	
75	434.11	456.50	
80	361.61	380.51	
85	303.49	319.65	
90	261.48	275.69	
95	235.00	248.02	
100	220.99	233.39	
105	215.15	227.29	
110	213.68	225.76	
115	214.24	226.34	
120	215.80	227.96	
125	218.16	230.43	
130	221.57	233.99	
135	226.32	238.95	
140	232.61	245.52	
145	240.41	253.66	
150	249.39	263.05	
155	258.96	273.06	
160	268.38	282.91	
165	276.80	291.72	
170	283.46	298.68	
175	287.72	303.14	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	289.19	304.67	
185	287.72	303.14	
190	283.46	298.68	
195	276.80	291.72	
200	268.38	282.91	
205	258.96	273.06	
210	249.39	263.05	
215	240.41	253.66	
220	232.61	245.52	
225	226.32	238.95	
230	221.57	233.99	
235	218.16	230.43	
240	215.80	227.96	
245	214.24	226.34	
250	213.68	225.76	
255	215.15	227.29	
260	220.99	233.39	
265	235.00	248.02	
270	261.48	275.69	
275	303.49	319.65	
280	361.61	380.51	
285	434.11	456.50	
290	517.89	544.36	
295	609.26	640.21	
300	704.37	740.01	
305	799.60	839.95	
310	891.71	936.63	
315	978.05	1027.26	
320	1056.62	1109.74	
325	1126.09	1182.66	
330	1185.74	1245.28	
335	1235.35	1297.35	
340	1275.06	1339.05	
345	1305.26	1370.76	
350	1326.40	1392.95	
355	1338.89	1406.06	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission