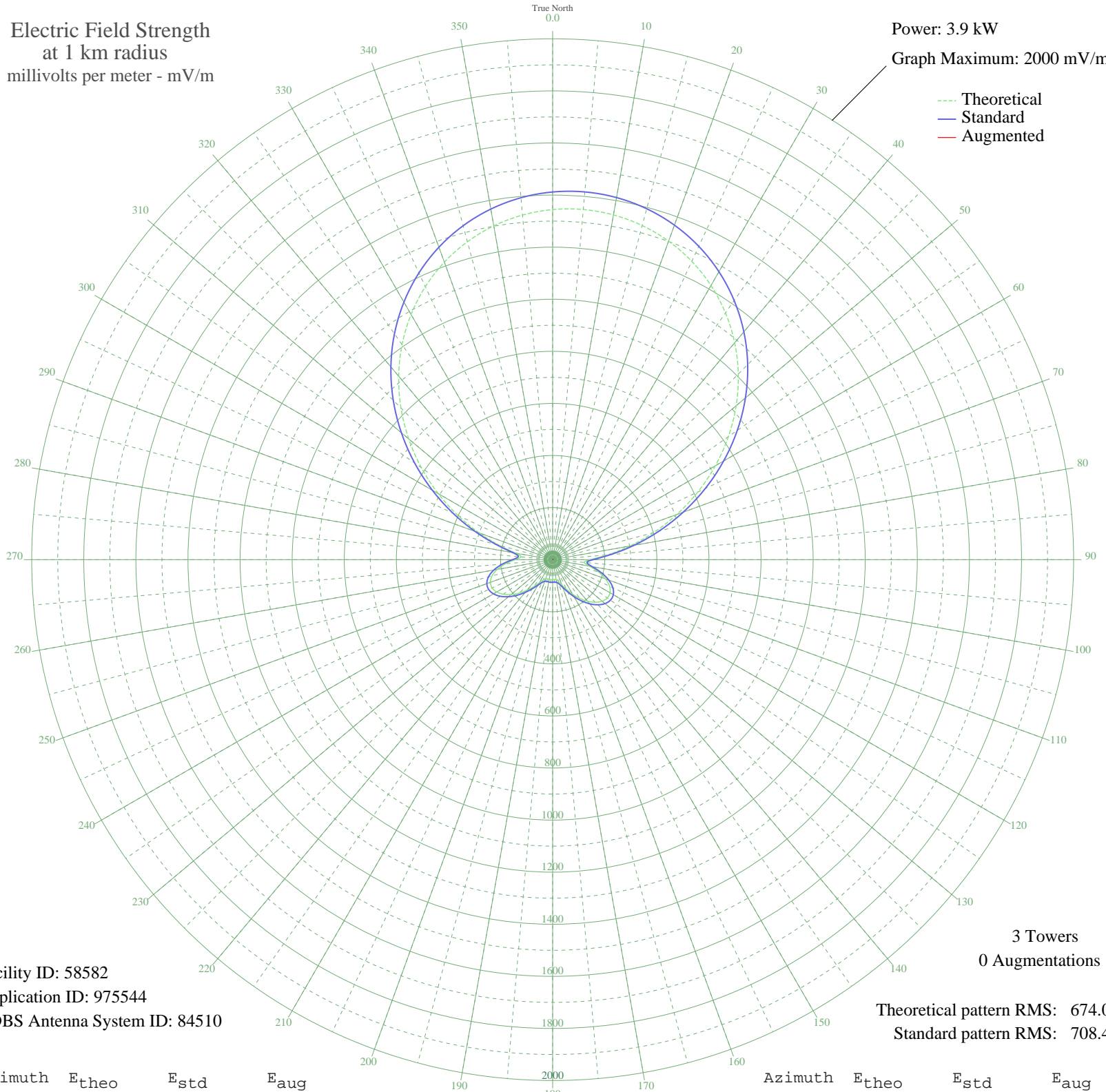


WFCL CLINTONVILLE, WI BML-20031113ALN 1380 kHz

Daytime

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

Power: 3.9 kW
Graph Maximum: 2000 mV/m



Facility ID: 58582
Application ID: 975544
CDBS Antenna System ID: 84510

3 Towers
0 Augmentations

Theoretical pattern RMS: 674.04
Standard pattern RMS: 708.41

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1344.27	1411.85	
5	1349.60	1417.45	
10	1344.27	1411.85	
15	1328.24	1395.03	
20	1301.48	1366.94	
25	1263.93	1327.52	
30	1215.60	1276.79	
35	1156.59	1214.85	
40	1087.18	1142.00	
45	1007.92	1058.81	
50	919.64	966.17	
55	823.57	865.36	
60	721.35	758.11	
65	615.05	646.62	
70	507.22	533.57	
75	400.96	422.26	
80	300.24	316.92	
85	210.96	223.87	
90	144.56	155.21	
95	121.54	131.67	
100	143.74	154.37	
105	181.56	193.38	
110	216.09	229.20	
115	240.91	255.02	
120	254.24	268.91	
125	256.24	271.00	
130	248.02	262.44	
135	231.34	245.06	
140	208.33	221.14	
145	181.39	193.19	
150	153.07	163.96	
155	126.08	136.30	
160	103.22	113.13	
165	86.97	96.91	
170	78.43	88.50	
175	76.04	86.17	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	76.48	86.60	
185	76.96	87.07	
190	76.48	86.60	
195	76.04	86.17	
200	78.43	88.50	
205	86.97	96.91	
210	103.22	113.13	
215	126.08	136.30	
220	153.07	163.96	
225	181.39	193.20	
230	208.33	221.14	
235	231.34	245.06	
240	248.02	262.44	
245	256.24	271.00	
250	254.24	268.91	
255	240.91	255.02	
260	216.09	229.20	
265	181.56	193.38	
270	143.74	154.37	
275	121.54	131.67	
280	144.56	155.21	
285	210.96	223.87	
290	300.24	316.92	
295	400.97	422.26	
300	507.22	533.57	
305	615.05	646.62	
310	721.35	758.11	
315	823.57	865.36	
320	919.64	966.17	
325	1007.92	1058.81	
330	1087.18	1142.00	
335	1156.59	1214.85	
340	1215.60	1276.79	
345	1263.93	1327.52	
350	1301.48	1366.94	
355	1328.24	1395.03	

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.

28 Sep 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission