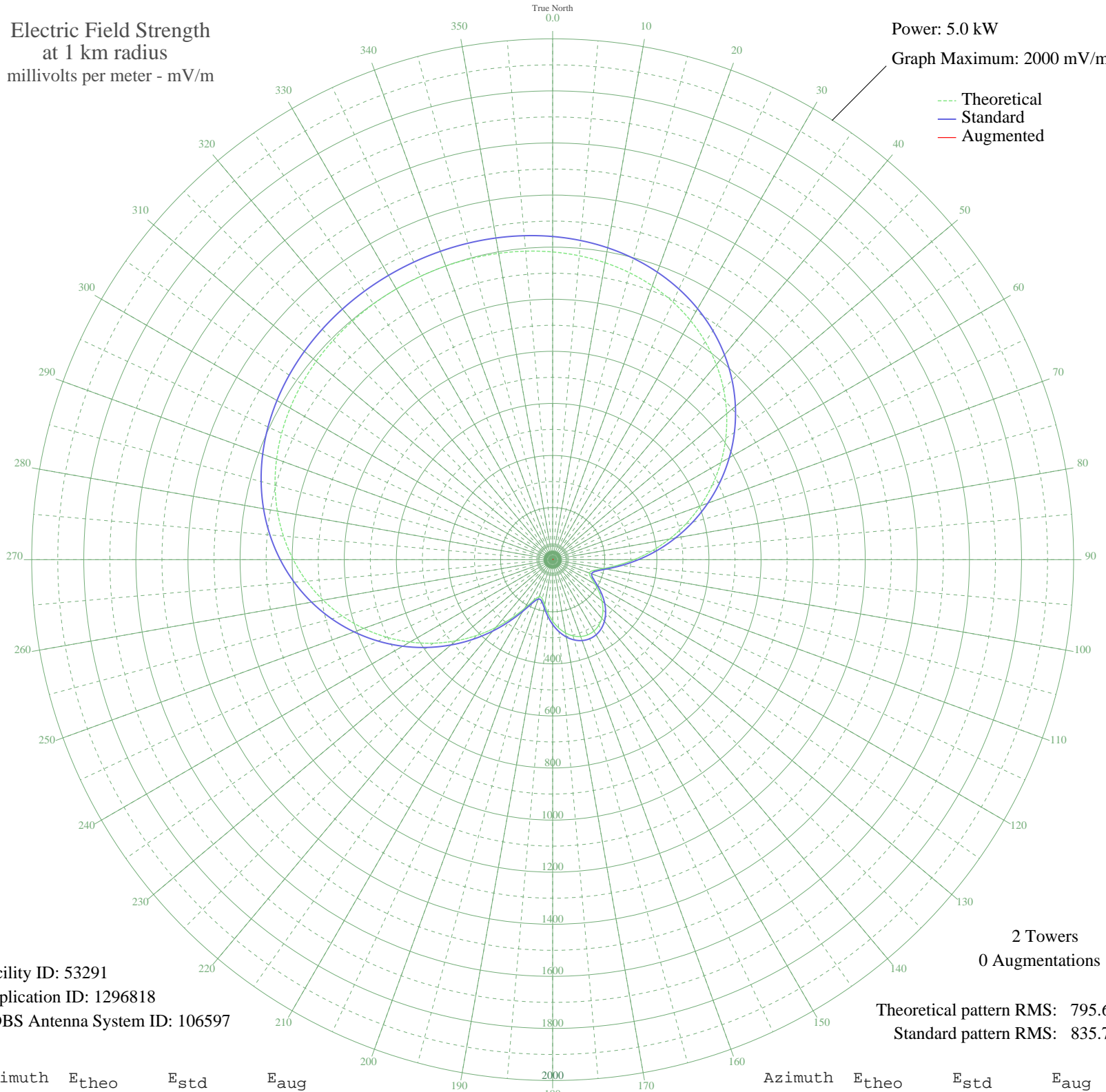


WJKN JACKSON, MI BP-20060627ACB 1510 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 53291
Application ID: 1296818
CDBS Antenna System ID: 106597

2 Towers
0 Augmentations

Theoretical pattern RMS: 795.67
Standard pattern RMS: 835.78

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1181.62	1240.92	
5	1171.44	1230.24	
10	1157.96	1216.08	
15	1140.58	1197.84	
20	1118.73	1174.90	
25	1091.87	1146.70	
30	1059.57	1112.79	
35	1021.49	1072.83	
40	977.49	1026.63	
45	927.56	974.22	
50	871.91	915.81	
55	810.96	851.83	
60	745.33	782.95	
65	675.83	710.01	
70	603.49	634.10	
75	529.49	556.46	
80	455.22	478.56	
85	382.34	402.14	
90	312.87	329.35	
95	249.62	263.15	
100	196.92	208.09	
105	161.42	171.11	
110	150.05	159.29	
115	162.03	171.74	
120	187.75	198.53	
125	217.96	230.06	
130	247.27	260.69	
135	272.92	287.53	
140	293.47	309.04	
145	308.17	324.43	
150	316.59	333.25	
155	318.55	335.30	
160	313.99	330.53	
165	303.03	319.04	
170	285.92	301.14	
175	263.21	277.37	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	235.87	248.78	
185	205.76	217.32	
190	176.49	186.80	
195	154.96	164.39	
200	151.48	160.78	
205	173.04	183.21	
210	216.36	228.39	
215	273.94	288.60	
220	340.09	357.87	
225	411.21	432.40	
230	484.86	509.64	
235	559.20	587.63	
240	632.69	664.74	
245	704.03	739.61	
250	772.09	811.04	
255	835.94	878.05	
260	894.83	939.87	
265	948.23	995.92	
270	995.81	1045.86	
275	1037.43	1089.55	
280	1073.16	1127.07	
285	1103.24	1158.64	
290	1128.04	1184.67	
295	1148.04	1205.67	
300	1163.79	1222.20	
305	1175.88	1234.89	
310	1184.90	1244.36	
315	1191.40	1251.19	
320	1195.87	1255.88	
325	1198.71	1258.87	
330	1200.22	1260.45	
335	1200.56	1260.80	
340	1199.76	1259.97	
345	1197.75	1257.86	
350	1194.30	1254.23	
355	1189.07	1248.74	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission