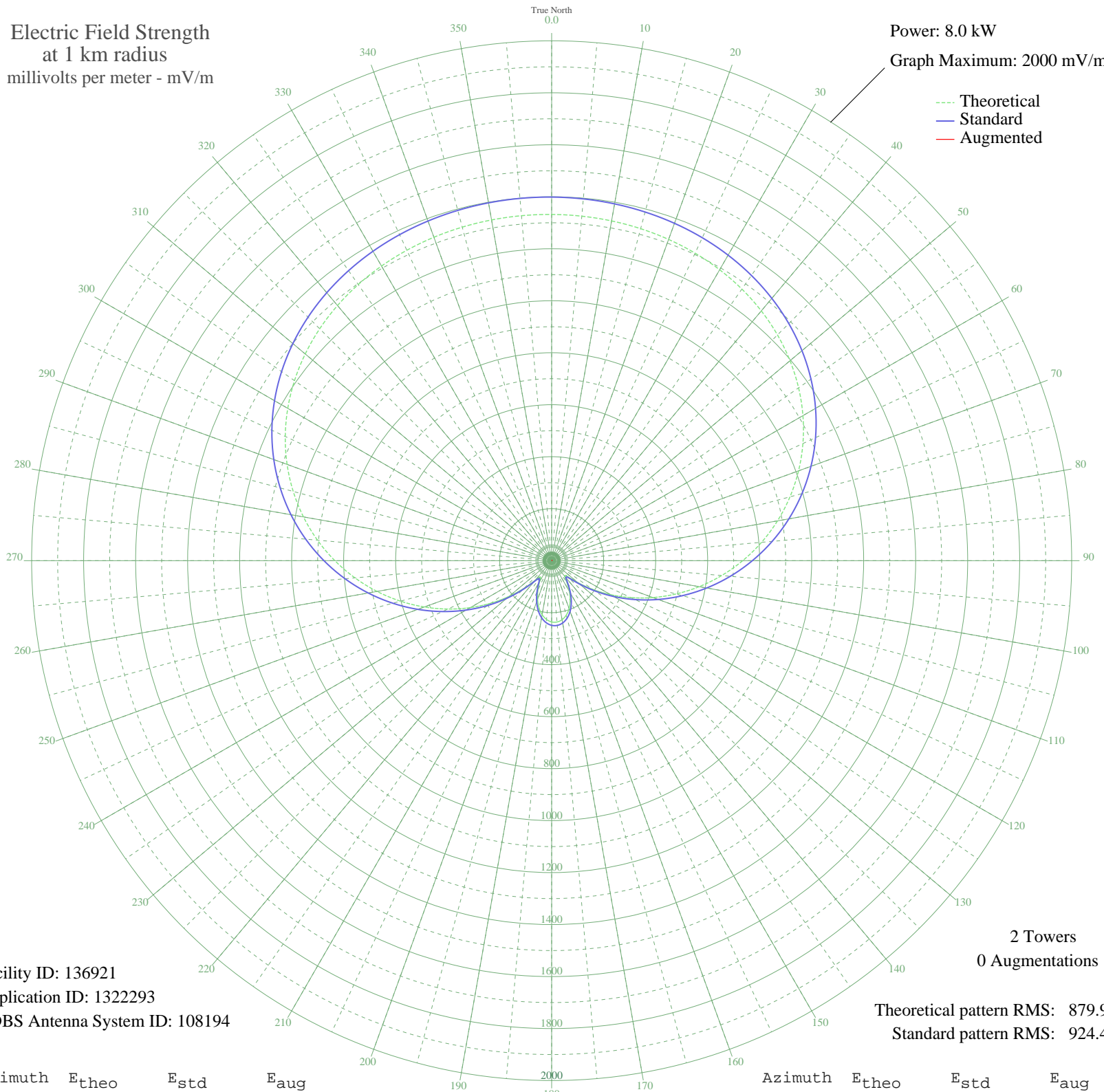


KYES ROCKVILLE, MN BMML-20090527AIB 1180 kHz

Critical Hours

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

Power: 8.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 136921
Application ID: 1322293
CDBS Antenna System ID: 108194

2 Towers
0 Augmentations

Theoretical pattern RMS: 879.99
Standard pattern RMS: 924.47

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1331.97	1398.79	
5	1330.37	1397.11	
10	1327.23	1393.82	
15	1322.29	1388.63	
20	1315.16	1381.15	
25	1305.36	1370.86	
30	1292.35	1357.20	
35	1275.55	1339.56	
40	1254.37	1317.33	
45	1228.26	1289.92	
50	1196.72	1256.80	
55	1159.35	1217.58	
60	1115.90	1171.97	
65	1066.27	1119.87	
70	1010.54	1061.36	
75	948.97	996.74	
80	882.04	926.48	
85	810.39	851.28	
90	734.86	772.01	
95	656.40	689.68	
100	576.12	605.44	
105	495.18	520.55	
110	414.86	436.32	
115	336.47	354.18	
120	261.50	275.72	
125	191.84	203.00	
130	130.81	139.63	
135	86.69	94.43	
140	77.29	84.96	
145	101.65	109.65	
150	135.90	144.89	
155	168.54	178.74	
160	195.97	207.30	
165	216.85	229.07	
170	230.59	243.41	
175	236.90	250.01	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	235.70	248.75	
185	226.99	239.66	
190	210.93	222.89	
195	187.87	198.85	
200	158.56	168.38	
205	124.82	133.44	
210	91.80	99.61	
215	75.64	83.30	
220	98.02	105.95	
225	149.07	158.53	
230	213.40	225.47	
235	285.01	300.32	
240	361.26	380.15	
245	440.42	463.12	
250	521.08	547.71	
255	601.94	632.53	
260	681.76	716.29	
265	759.40	797.76	
270	833.79	875.84	
275	904.01	949.54	
280	969.28	1018.06	
285	1029.03	1080.77	
290	1082.83	1137.25	
295	1130.48	1187.27	
300	1171.96	1230.81	
305	1207.43	1268.05	
310	1237.18	1299.29	
315	1261.66	1324.98	
320	1281.37	1345.68	
325	1296.90	1361.97	
330	1308.82	1374.49	
335	1317.71	1383.82	
340	1324.09	1390.52	
345	1328.42	1395.06	
350	1331.04	1397.81	
355	1332.18	1399.02	

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.

27 Aug 2020

Prepared by Audio Division, Media Bureau
Federal Communications Commission