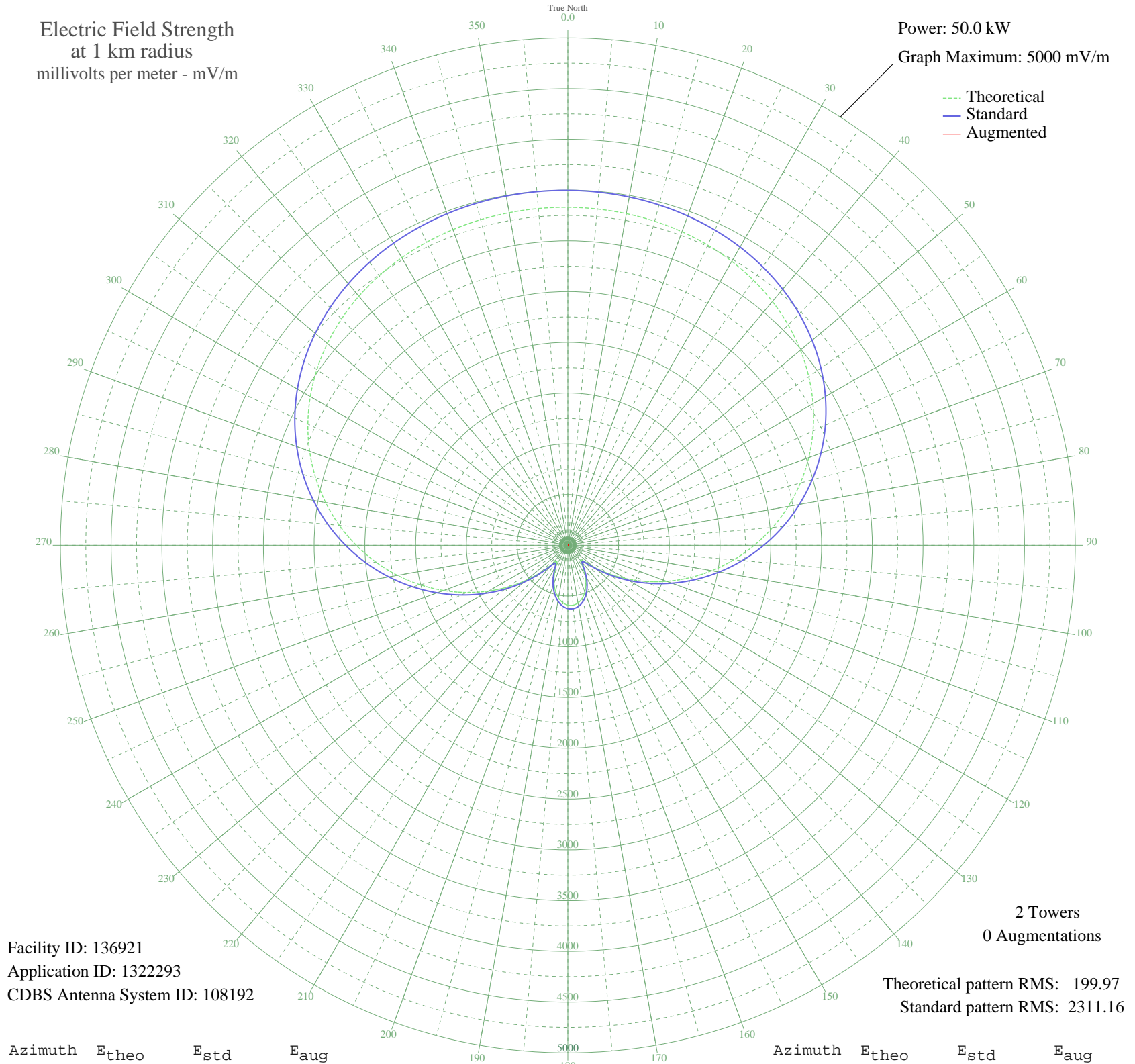


KYES ROCKVILLE, MN BMML-20090527AIB 1180 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 136921
Application ID: 1322293
CDBS Antenna System ID: 108192

2 Towers
0 Augmentations

Theoretical pattern RMS: 199.97
Standard pattern RMS: 2311.16

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3329.89	3497.17	
5	3325.89	3492.98	
10	3318.06	3484.76	
15	3305.71	3471.79	
20	3287.88	3453.07	
25	3263.38	3427.35	
30	3230.85	3393.21	
35	3188.85	3349.12	
40	3135.91	3293.54	
45	3070.62	3225.01	
50	2991.77	3142.23	
55	2898.36	3044.18	
60	2789.74	2930.17	
65	2665.66	2799.93	
70	2526.33	2653.69	
75	2372.42	2492.14	
80	2205.09	2316.53	
85	2025.97	2128.57	
90	1837.13	1930.42	
95	1640.99	1724.64	
100	1440.28	1514.12	
105	1237.95	1301.97	
110	1037.14	1091.52	
115	841.17	886.34	
120	653.74	690.43	
125	479.61	509.03	
130	327.02	351.30	
135	216.74	239.38	
140	193.23	216.05	
145	254.12	276.97	
150	339.75	364.38	
155	421.36	448.61	
160	489.93	519.75	
165	542.12	574.05	
170	576.46	609.82	
175	592.26	626.29	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	589.24	623.14	
185	567.47	600.45	
190	527.31	558.63	
195	469.66	498.70	
200	396.41	422.80	
205	312.04	335.95	
210	229.50	252.15	
215	189.11	211.99	
220	245.06	267.81	
225	372.67	398.29	
230	533.50	565.07	
235	712.53	751.83	
240	903.14	951.19	
245	1101.03	1158.47	
250	1302.69	1369.83	
255	1504.83	1581.82	
260	1704.39	1791.15	
265	1898.48	1994.78	
270	2084.45	2189.93	
275	2260.00	2374.16	
280	2423.19	2545.44	
285	2572.55	2702.19	
290	2707.05	2843.37	
295	2826.17	2968.41	
300	2929.88	3077.27	
305	3018.54	3170.34	
310	3092.94	3248.43	
315	3154.13	3312.67	
320	3203.41	3364.40	
325	3242.22	3405.14	
330	3272.02	3436.43	
335	3294.25	3459.76	
340	3310.21	3476.51	
345	3321.02	3487.86	
350	3327.57	3494.73	
355	3330.43	3497.74	

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