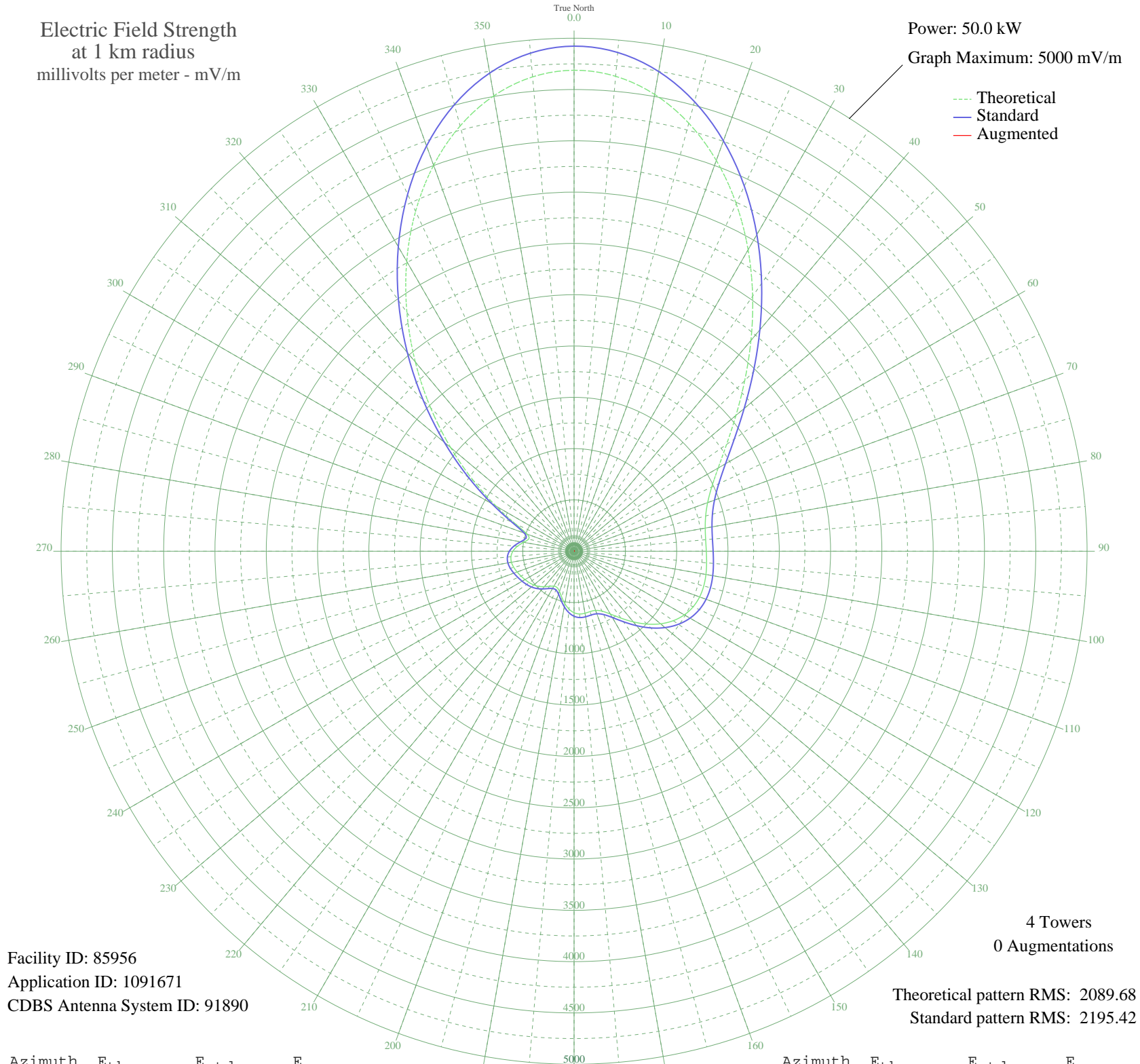


DWQTH CLAREMONT, NH BMAP-20050118AAN 720 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 85956
Application ID: 1091671
CDBS Antenna System ID: 91890

4 Towers
0 Augmentations

Theoretical pattern RMS: 2089.68
Standard pattern RMS: 2195.42

Azimuth	E _{theo}	E _{std}	E _{aug}
0	4687.87	4922.83	
5	4646.76	4879.67	
10	4521.19	4747.83	
15	4319.30	4535.87	
20	4053.27	4256.58	
25	3738.53	3926.16	
30	3392.69	3563.10	
35	3034.38	3186.96	
40	2681.97	2817.04	
45	2352.36	2471.09	
50	2059.74	2164.00	
55	1814.35	1906.52	
60	1621.38	1704.07	
65	1480.30	1556.08	
70	1385.43	1456.59	
75	1327.89	1396.26	
80	1298.06	1364.98	
85	1287.40	1353.81	
90	1288.89	1355.37	
95	1296.61	1363.46	
100	1305.02	1372.28	
105	1308.65	1376.09	
110	1302.17	1369.29	
115	1280.76	1346.84	
120	1240.78	1304.93	
125	1180.43	1241.67	
130	1100.37	1157.78	
135	1004.29	1057.11	
140	899.25	947.12	
145	795.76	838.84	
150	706.80	745.85	
155	644.50	680.78	
160	613.95	648.91	
165	608.67	643.40	
170	613.79	648.74	
175	614.08	649.04	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	599.44	633.78	
185	566.51	599.45	
190	518.37	549.33	
195	463.98	492.80	
200	416.80	443.90	
205	390.94	417.15	
210	393.06	419.34	
215	417.29	444.40	
220	451.09	479.43	
225	484.13	513.73	
230	511.57	542.26	
235	533.39	564.96	
240	552.27	584.61	
245	571.09	604.22	
250	590.68	624.64	
255	608.64	643.37	
260	619.73	654.94	
265	617.45	652.56	
270	596.22	630.42	
275	554.27	586.70	
280	499.05	529.24	
285	458.25	486.86	
290	487.50	517.23	
295	630.39	666.06	
300	876.16	922.95	
305	1196.31	1258.32	
310	1569.21	1649.34	
315	1978.05	2078.28	
320	2407.23	2528.68	
325	2840.83	2983.80	
330	3262.36	3426.28	
335	3655.14	3838.62	
340	4002.97	4203.78	
345	4291.03	4506.20	
350	4506.79	4732.71	
355	4640.88	4873.49	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission