

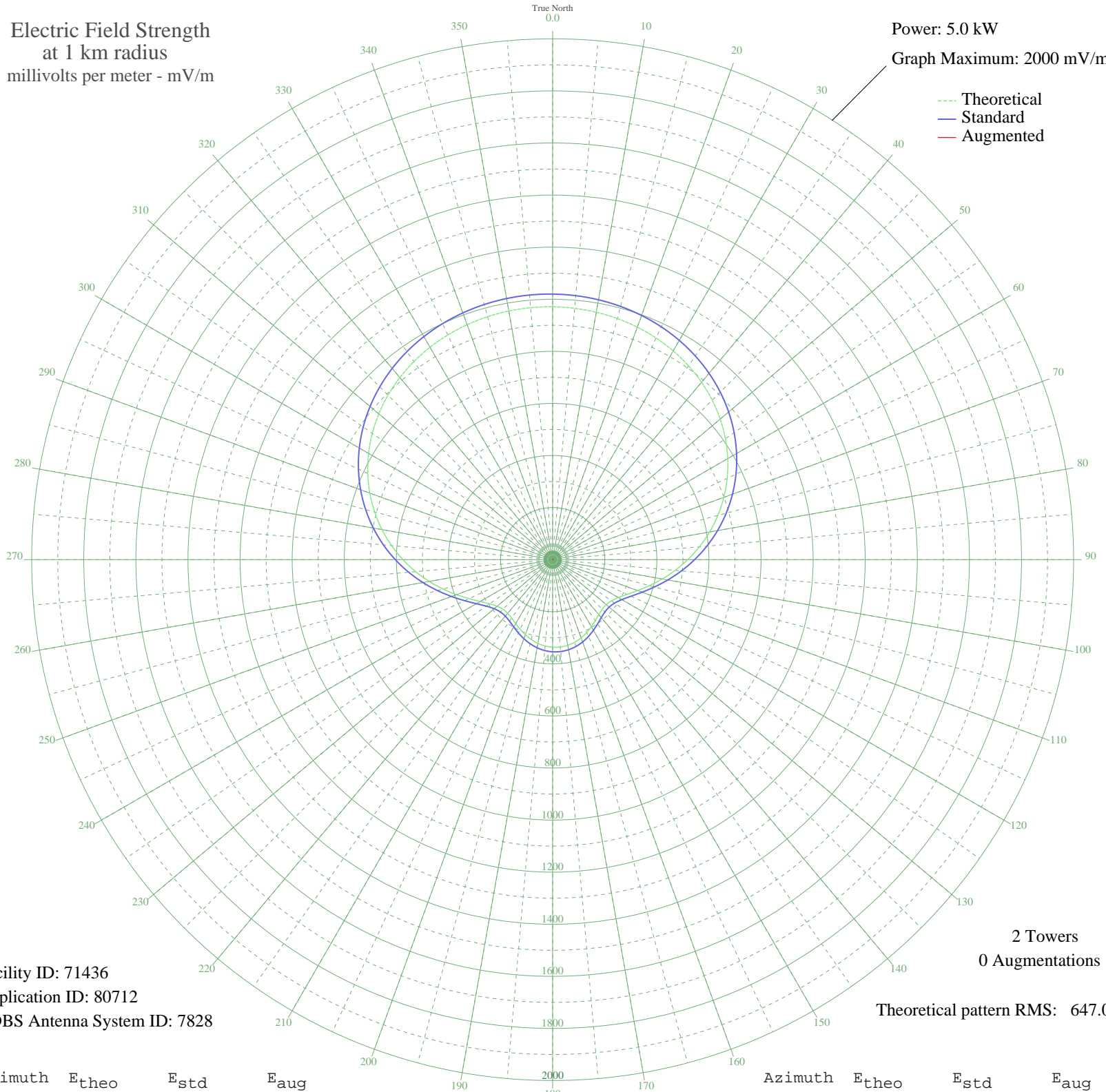
WUPE PITTSFIELD, MA BL-19850805AA 1110 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 71436
Application ID: 80712
CDBS Antenna System ID: 7828

2 Towers
0 Augmentations

Theoretical pattern RMS: 647.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	970.97	1019.78	
5	968.86	1017.57	
10	964.78	1013.29	
15	958.59	1006.80	
20	950.14	997.92	
25	939.21	986.45	
30	925.58	972.15	
35	909.02	954.76	
40	889.31	934.07	
45	866.26	909.88	
50	839.74	882.04	
55	809.69	850.49	
60	776.14	815.28	
65	739.24	776.55	
70	699.24	734.58	
75	656.56	689.78	
80	611.71	642.73	
85	565.39	594.13	
90	518.45	544.88	
95	471.88	496.03	
100	426.86	448.82	
105	384.77	404.69	
110	347.11	365.22	
115	315.49	332.09	
120	291.38	306.85	
125	275.78	290.52	
130	268.75	283.17	
135	269.32	283.76	
140	275.66	290.40	
145	285.65	300.85	
150	297.30	313.05	
155	308.98	325.28	
160	319.47	336.27	
165	327.91	345.10	
170	333.71	351.18	
175	336.53	354.14	

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	336.22	353.81	
185	332.78	350.21	
190	326.42	343.54	
195	317.52	334.22	
200	306.71	322.90	
205	294.92	310.56	
210	283.46	298.56	
215	274.03	288.69	
220	268.68	283.09	
225	269.51	283.95	
230	278.20	293.05	
235	295.54	311.21	
240	321.25	338.13	
245	354.20	372.66	
250	392.88	413.19	
255	435.68	458.07	
260	481.11	505.71	
265	527.84	554.73	
270	574.74	603.93	
275	620.82	652.28	
280	665.28	698.94	
285	707.47	743.22	
290	746.87	784.57	
295	783.12	822.61	
300	815.98	857.10	
305	845.32	887.90	
310	871.14	915.00	
315	893.51	938.48	
320	912.58	958.50	
325	928.54	975.25	
330	941.61	988.96	
335	952.02	999.90	
340	960.00	1008.28	
345	965.76	1014.32	
350	969.44	1018.18	
355	971.16	1019.98	