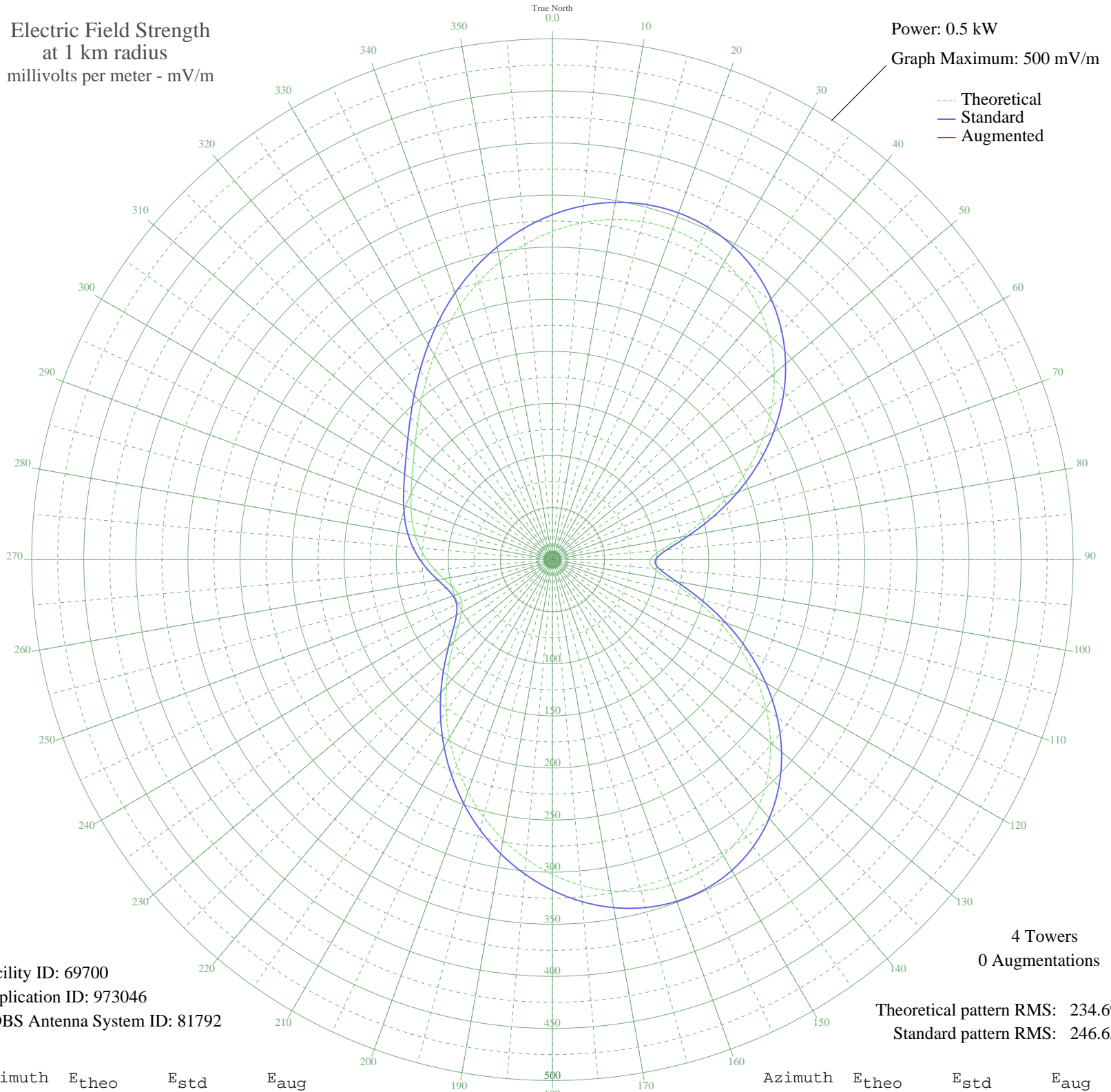


WSPY MILLBROOK, IL BMJP-20040127ACW 1480 kHz

Daytime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 69700
Application ID: 973046
CDBS Antenna System ID: 81792

4 Towers
0 Augmentations

Theoretical pattern RMS: 234.69
Standard pattern RMS: 246.65

Azimuth	E _{theo}	E _{std}	E _{aug}
0	315.17	331.10	
5	324.58	340.97	
10	331.54	348.27	
15	335.81	352.76	
20	337.20	354.21	
25	335.52	352.45	
30	330.64	347.33	
35	322.47	338.76	
40	310.97	326.69	
45	296.18	311.16	
50	278.17	292.27	
55	257.15	270.21	
60	233.43	245.33	
65	207.48	218.11	
70	180.03	189.32	
75	152.21	160.17	
80	125.98	132.69	
85	104.75	110.49	
90	93.86	99.11	
95	97.77	103.19	
100	114.97	121.17	
105	139.99	147.37	
110	168.33	177.05	
115	197.22	207.34	
120	225.02	236.50	
125	250.65	263.39	
130	273.39	287.25	
135	292.73	307.55	
140	308.36	323.95	
145	320.11	336.27	
150	327.93	344.49	
155	331.92	348.67	
160	332.24	349.01	
165	329.13	345.74	
170	322.87	339.17	
175	313.77	329.63	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	302.17	317.45	
185	288.37	302.98	
190	272.71	286.54	
195	255.49	268.47	
200	237.03	249.10	
205	217.67	228.80	
210	197.80	207.95	
215	177.84	187.03	
220	158.35	166.59	
225	139.98	147.36	
230	123.60	130.21	
235	110.21	116.20	
240	100.83	106.39	
245	96.17	101.53	
250	96.18	101.53	
255	99.93	105.45	
260	106.07	111.87	
265	113.30	119.43	
270	120.66	127.12	
275	127.54	134.33	
280	133.71	140.79	
285	139.23	146.57	
290	144.39	151.98	
295	149.70	157.54	
300	155.75	163.88	
305	163.12	171.60	
310	172.25	181.16	
315	183.34	192.80	
320	196.35	206.44	
325	210.97	221.77	
330	226.74	238.31	
335	243.10	255.47	
340	259.49	272.67	
345	275.36	289.32	
350	290.21	304.90	
355	303.61	318.96	

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