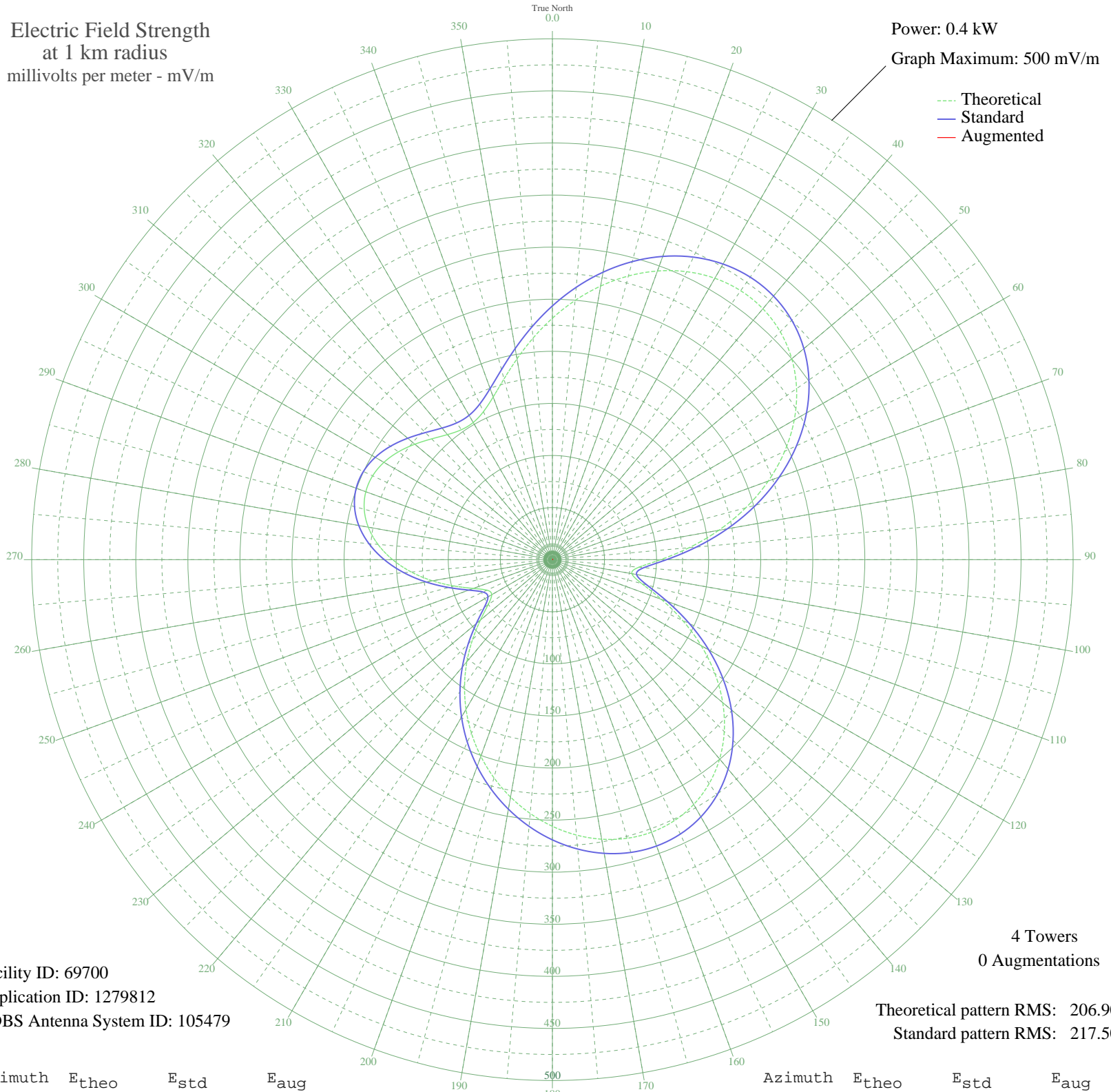


WSPY MILLBROOK, IL BMJP-20051031ADG 1480 kHz

Daytime

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

Power: 0.4 kW  
Graph Maximum: 500 mV/m



Facility ID: 69700  
Application ID: 1279812  
CDBS Antenna System ID: 105479

4 Towers  
0 Augmentations

Theoretical pattern RMS: 206.90  
Standard pattern RMS: 217.50

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	231.79	243.60	
5	249.77	262.47	
10	266.70	280.23	
15	281.92	296.20	
20	294.87	309.79	
25	305.04	320.46	
30	311.94	327.71	
35	315.19	331.11	
40	314.43	330.32	
45	309.43	325.07	
50	300.03	315.21	
55	286.23	300.72	
60	268.16	281.76	
65	246.11	258.63	
70	220.57	231.83	
75	192.23	202.12	
80	162.13	170.56	
85	131.80	138.79	
90	103.89	109.59	
95	83.34	88.13	
100	77.47	82.01	
105	88.91	93.95	
110	111.32	117.36	
115	137.90	145.17	
120	164.92	173.48	
125	190.47	200.27	
130	213.51	224.43	
135	233.39	245.29	
140	249.76	262.46	
145	262.43	275.75	
150	271.36	285.12	
155	276.62	290.64	
160	278.40	292.50	
165	276.92	290.95	
170	272.47	286.29	
175	265.39	278.86	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	255.98	268.99	
185	244.56	257.01	
190	231.42	243.22	
195	216.80	227.88	
200	200.89	211.20	
205	183.86	193.34	
210	165.85	174.46	
215	147.04	154.75	
220	127.71	134.51	
225	108.41	114.31	
230	90.24	95.34	
235	75.36	79.82	
240	67.28	71.42	
245	69.29	73.51	
250	80.72	85.40	
255	97.78	103.20	
260	116.97	123.27	
265	136.02	143.21	
270	153.43	161.44	
275	168.16	176.88	
280	179.51	188.78	
285	187.07	196.70	
290	190.68	200.49	
295	190.46	200.26	
300	186.82	196.44	
305	180.47	189.79	
310	172.43	181.35	
315	163.99	172.51	
320	156.74	164.91	
325	152.30	160.26	
330	152.05	160.00	
335	156.73	164.90	
340	166.19	174.81	
345	179.58	188.85	
350	195.73	205.79	
355	213.48	224.40	

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