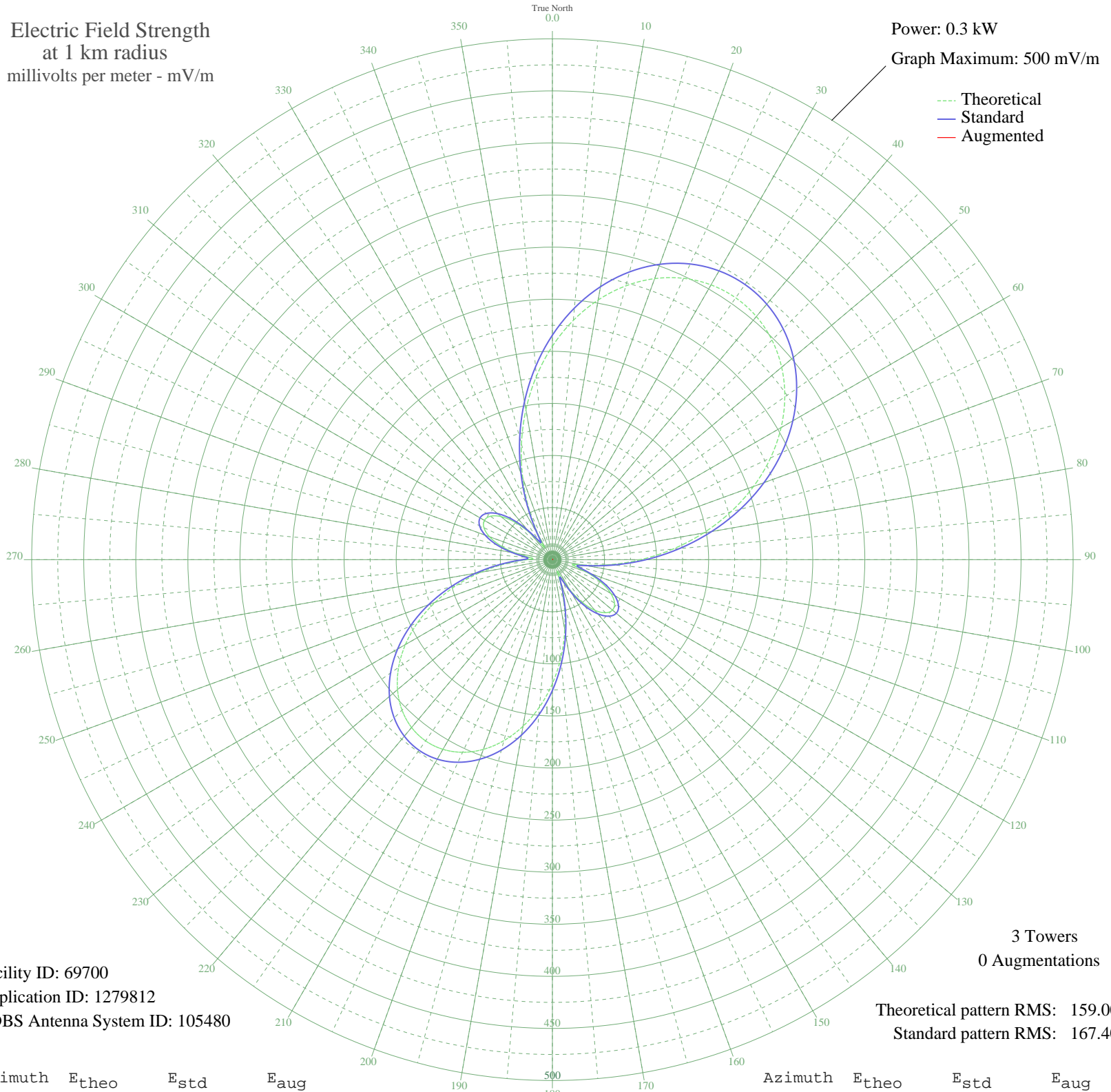


WSPY MILLBROOK, IL BMJP-20051031ADG 1480 kHz

Nighttime

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

Power: 0.3 kW
Graph Maximum: 500 mV/m



Facility ID: 69700
Application ID: 1279812
CDBS Antenna System ID: 105480

3 Towers
0 Augmentations

Theoretical pattern RMS: 159.00
Standard pattern RMS: 167.40

Azimuth	E _{theo}	E _{std}	E _{aug}
0	204.90	215.53	
5	230.60	242.47	
10	253.13	266.10	
15	272.08	285.97	
20	287.11	301.74	
25	298.01	313.17	
30	304.62	320.11	
35	306.86	322.46	
40	304.71	320.20	
45	298.18	313.35	
50	287.37	302.01	
55	272.43	286.34	
60	253.58	266.57	
65	231.15	243.05	
70	205.57	216.23	
75	177.39	186.70	
80	147.28	155.17	
85	116.09	122.56	
90	84.82	89.98	
95	54.85	59.00	
100	29.09	33.12	
105	20.15	24.73	
110	34.75	38.67	
115	51.65	55.73	
120	64.79	69.23	
125	72.82	77.52	
130	75.27	80.06	
135	72.07	76.75	
140	63.48	67.87	
145	50.04	54.08	
150	32.75	36.70	
155	14.79	20.13	
160	19.19	23.87	
165	42.59	46.52	
170	68.35	72.91	
175	94.18	99.71	

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	118.98	125.59	
185	141.95	149.60	
190	162.42	171.02	
195	179.84	189.27	
200	193.81	203.91	
205	204.02	214.60	
210	210.24	221.13	
215	212.36	223.35	
220	210.35	221.23	
225	204.23	214.82	
230	194.14	204.24	
235	180.29	189.73	
240	163.00	171.62	
245	142.69	150.38	
250	119.93	126.58	
255	95.42	101.00	
260	70.05	74.67	
265	45.19	49.15	
270	24.12	28.38	
275	20.29	24.86	
280	35.20	39.12	
285	51.38	55.45	
290	64.26	68.68	
295	72.50	77.19	
300	75.41	80.21	
305	72.68	77.39	
310	64.31	68.73	
315	50.64	54.70	
320	32.62	36.57	
325	14.98	20.29	
330	25.12	29.32	
335	52.58	56.68	
340	83.24	88.33	
345	114.87	121.29	
350	146.30	154.15	
355	176.58	185.85	