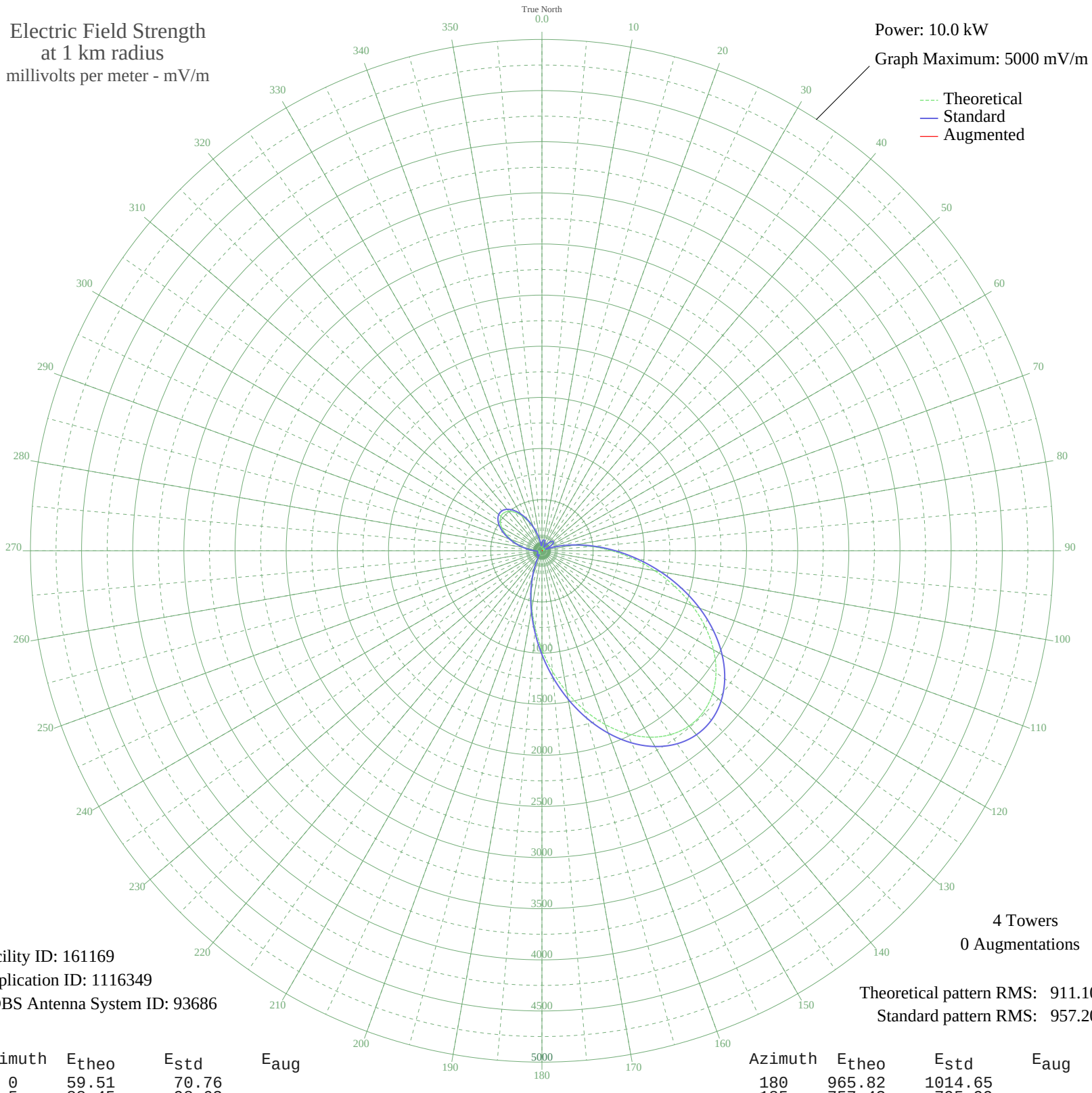
WRME HAMPDEN, ME BNP-20050118AKY 750 kHz

Nighttime

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



Power: 10.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 161169
Application ID: 1116349
CDBS Antenna System ID: 93686

Theoretical pattern RMS: 911.10
Standard pattern RMS: 957.20

Azimuth	E_{theo}	E_{std}	E_{aug}
0	59.51	70.76	
5	88.45	98.63	
10	99.91	110.03	
15	93.43	103.57	
20	71.47	82.06	
25	38.71	52.48	
30	16.90	37.65	
35	51.68	63.62	
40	89.62	99.79	
45	118.48	128.76	
50	132.33	142.86	
55	126.21	136.61	
60	95.96	106.08	
65	38.75	52.52	
70	49.95	62.07	
75	166.77	178.23	
80	313.30	330.63	
85	486.76	512.17	
90	683.01	717.93	
95	896.31	941.72	
100	1119.51	1175.95	
105	1344.26	1411.87	
110	1561.52	1639.93	
115	1761.94	1850.34	
120	1936.52	2033.62	
125	2077.08	2181.18	
130	2176.86	2285.94	
135	2230.97	2342.75	
140	2236.73	2348.80	
145	2193.89	2303.83	
150	2104.69	2210.17	
155	1973.68	2072.63	
160	1807.47	1898.13	
165	1614.24	1695.27	
170	1403.19	1473.72	
175	1183.93	1243.57	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	965.82	1014.65	
185	757.43	795.99	
190	566.05	595.28	
195	397.39	418.58	
200	255.39	270.21	
205	142.41	153.18	
210	60.44	71.63	
215	26.03	43.00	
220	45.26	57.98	
225	56.52	68.00	
230	54.01	65.72	
235	42.54	55.66	
240	29.56	45.45	
245	25.15	42.43	
250	29.61	45.49	
255	31.44	46.82	
260	25.57	42.70	
265	24.77	42.18	
270	55.52	67.09	
275	107.39	117.55	
280	172.43	184.07	
285	245.46	259.86	
290	320.81	338.48	
295	392.25	413.20	
300	453.50	477.33	
305	498.84	524.83	
310	523.74	550.93	
315	525.41	552.68	
320	503.12	529.32	
325	458.37	482.43	
330	394.73	415.80	
335	317.51	335.04	
340	233.22	247.13	
345	149.10	160.04	
350	73.47	83.99	
355	30.43	46.08	

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