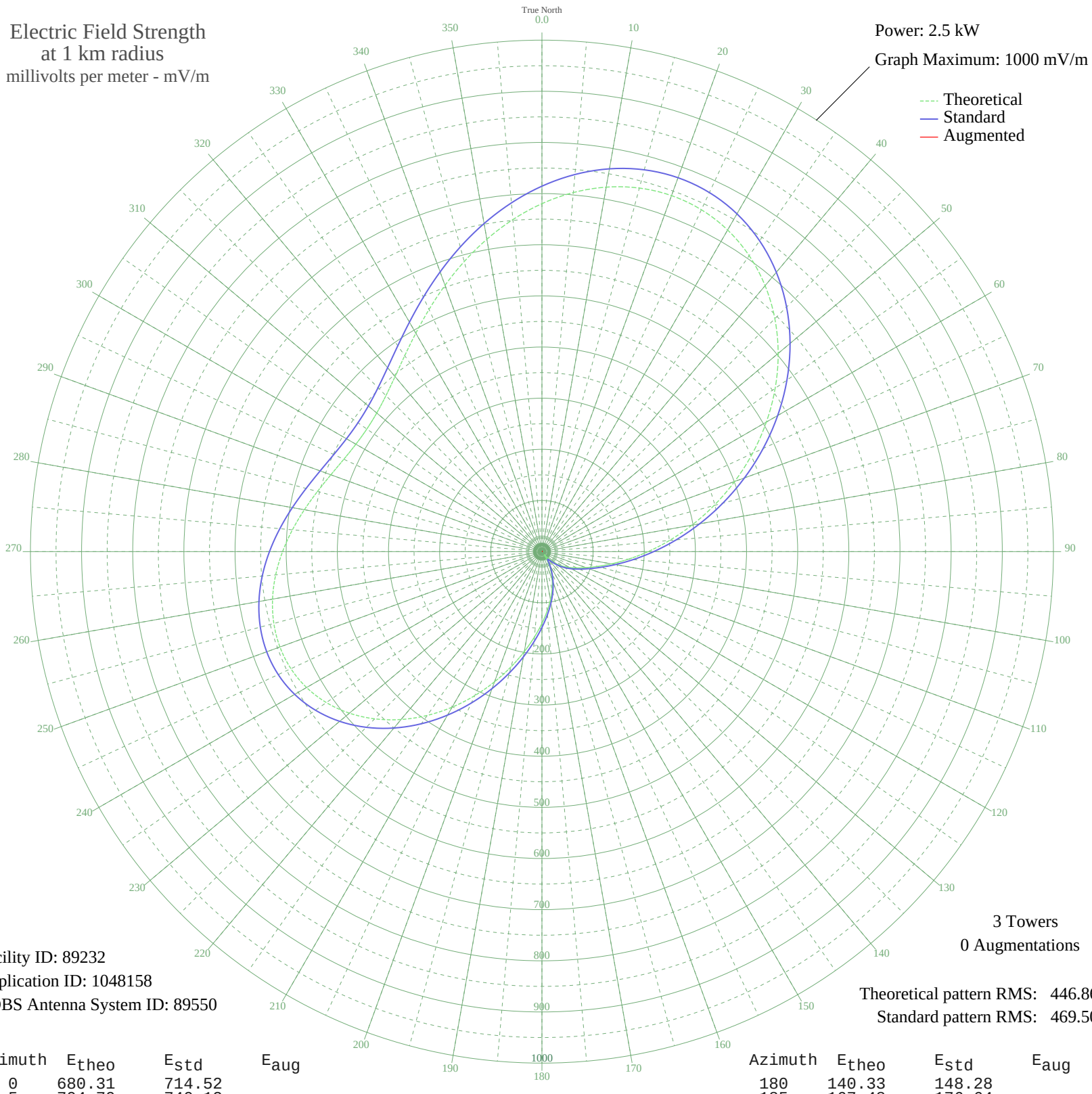
971126AH LANSING, NY BNP-19971126AH 750 kHz

Daytime

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



Power: 2.5 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 89232
Application ID: 1048158
CDBS Antenna System ID: 89550

Theoretical pattern RMS: 446.86
Standard pattern RMS: 469.50

Azimuth	E_{theo}	E_{std}	E_{aug}
0	680.31	714.52	
5	704.70	740.12	
10	723.58	759.94	
15	735.86	772.84	
20	740.71	777.92	
25	737.53	774.59	
30	726.07	762.56	
35	706.37	741.87	
40	678.78	712.92	
45	643.98	676.38	
50	602.89	633.25	
55	556.66	584.73	
60	506.63	532.22	
65	454.23	477.23	
70	400.96	421.34	
75	348.31	366.10	
80	297.67	313.00	
85	250.35	263.39	
90	207.44	218.44	
95	169.80	179.06	
100	137.97	145.82	
105	112.04	118.80	
110	91.51	97.51	
115	75.29	80.78	
120	61.82	67.00	
125	49.53	54.59	
130	37.18	42.43	
135	24.16	30.32	
140	11.12	20.29	
145	10.05	19.67	
150	24.59	30.70	
155	41.17	46.31	
160	58.47	63.59	
165	76.47	81.99	
170	95.60	101.75	
175	116.61	123.56	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	140.33	148.28	
185	167.48	176.64	
190	198.43	209.01	
195	233.08	245.29	
200	270.81	284.83	
205	310.61	326.56	
210	351.14	369.07	
215	390.94	410.82	
220	428.48	450.21	
225	462.36	485.76	
230	491.36	516.20	
235	514.57	540.55	
240	531.37	558.18	
245	541.52	568.84	
250	545.13	572.63	
255	542.65	570.03	
260	534.81	561.79	
265	522.56	548.94	
270	507.08	532.69	
275	489.64	514.39	
280	471.60	495.45	
285	454.33	477.33	
290	439.17	461.43	
295	427.37	449.05	
300	420.01	441.32	
305	417.91	439.12	
310	421.61	443.00	
315	431.29	453.16	
320	446.80	469.43	
325	467.66	491.32	
330	493.15	518.07	
335	522.32	548.69	
340	554.06	582.00	
345	587.12	616.70	
350	620.12	651.34	
355	651.66	684.45	

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