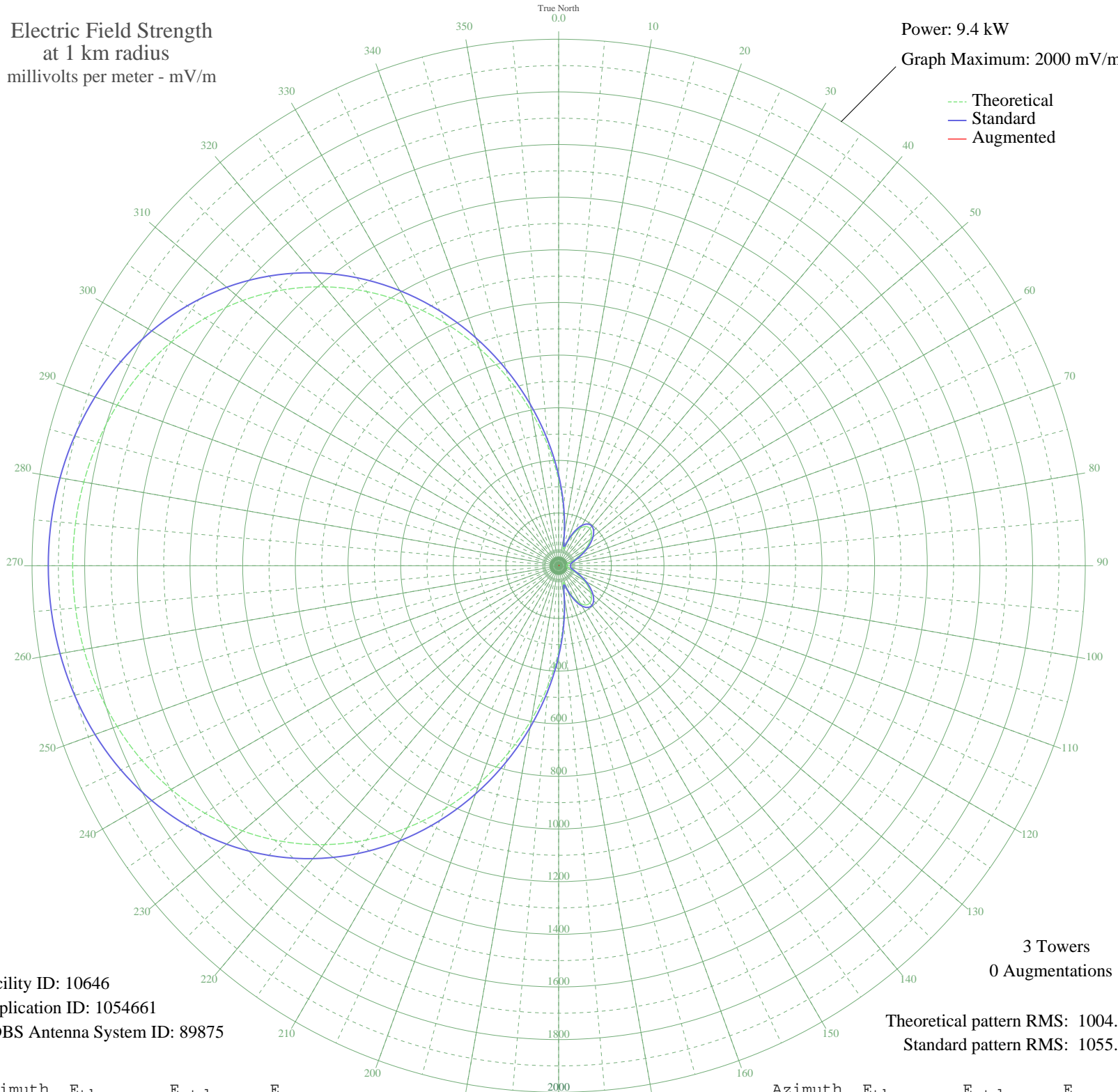


WNOW MINT HILL, NC BL-20050321ATC 1030 kHz

Daytime

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

Power: 9.4 kW
Graph Maximum: 2000 mV/m



Facility ID: 10646
Application ID: 1054661
CDBS Antenna System ID: 89875

Theoretical pattern RMS: 1004.69
Standard pattern RMS: 1055.42

Azimuth	E _{theo}	E _{std}	E _{aug}
0	325.85	343.65	
5	209.75	222.58	
10	114.06	124.02	
15	64.43	74.92	
20	91.58	101.40	
25	134.06	144.40	
30	165.14	176.36	
35	181.70	193.49	
40	184.68	196.57	
45	176.20	187.79	
50	158.96	169.98	
55	135.85	146.23	
60	109.80	119.70	
65	83.71	93.60	
70	60.40	71.12	
75	42.80	55.28	
80	33.27	47.50	
85	30.76	45.60	
90	30.71	45.56	
95	30.76	45.60	
100	33.27	47.50	
105	42.80	55.28	
110	60.40	71.12	
115	83.71	93.60	
120	109.80	119.70	
125	135.85	146.23	
130	158.96	169.98	
135	176.20	187.79	
140	184.68	196.57	
145	181.70	193.49	
150	165.14	176.36	
155	134.06	144.40	
160	91.58	101.40	
165	64.43	74.92	
170	114.06	124.02	
175	209.75	222.58	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	325.85	343.65	
185	455.16	479.00	
190	593.04	623.52	
195	735.26	772.69	
200	877.74	922.19	
205	1016.73	1068.05	
210	1148.92	1206.79	
215	1271.65	1335.62	
220	1382.95	1452.45	
225	1481.60	1556.01	
230	1567.05	1645.72	
235	1639.38	1721.65	
240	1699.12	1784.37	
245	1747.12	1834.76	
250	1784.42	1873.92	
255	1812.09	1902.96	
260	1831.07	1922.89	
265	1842.13	1934.50	
270	1845.76	1938.32	
275	1842.13	1934.50	
280	1831.07	1922.89	
285	1812.09	1902.96	
290	1784.42	1873.92	
295	1747.12	1834.76	
300	1699.12	1784.36	
305	1639.38	1721.65	
310	1567.05	1645.72	
315	1481.59	1556.01	
320	1382.95	1452.45	
325	1271.64	1335.61	
330	1148.92	1206.79	
335	1016.73	1068.05	
340	877.74	922.19	
345	735.26	772.69	
350	593.04	623.52	
355	455.15	478.99	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission