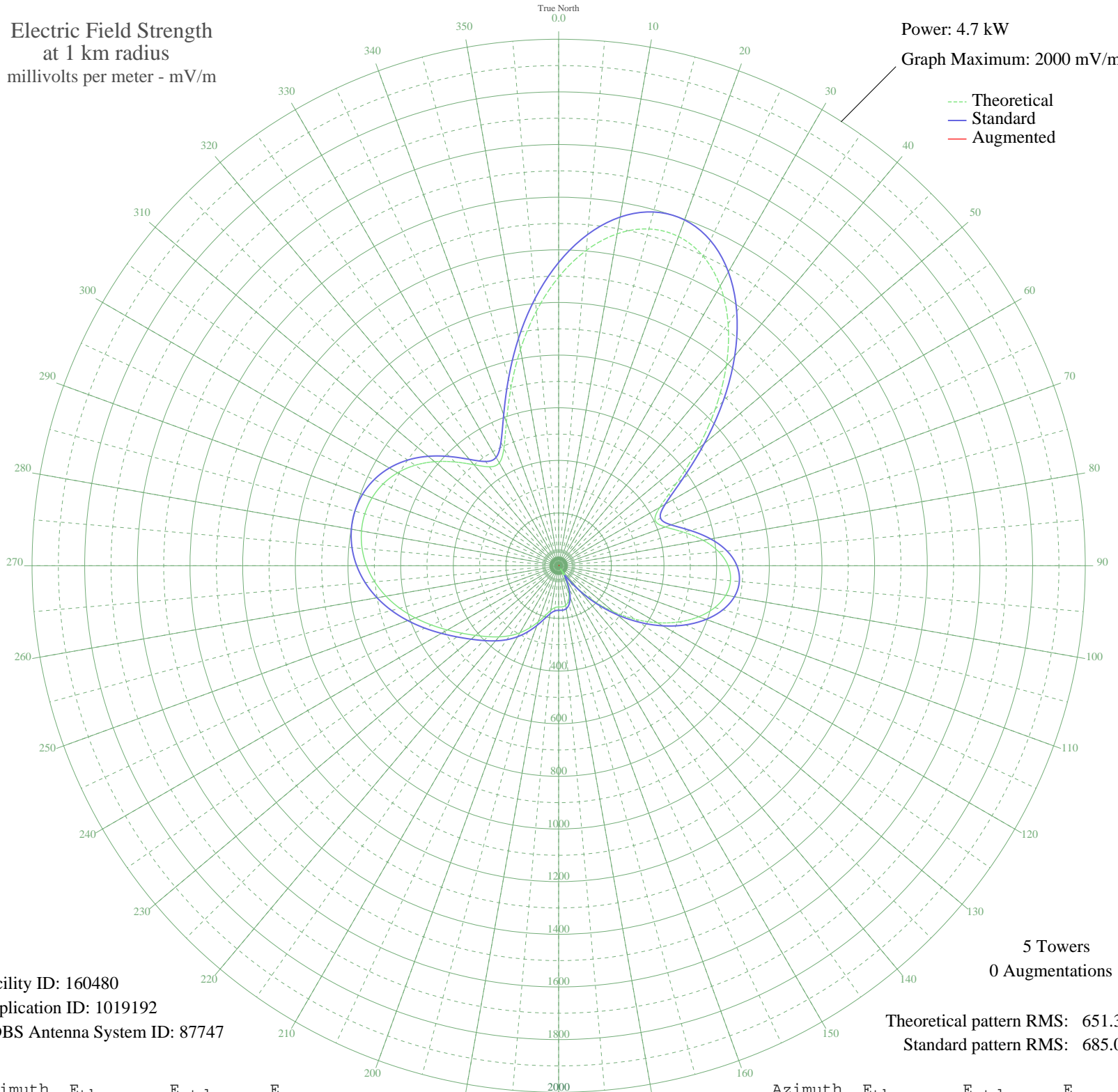


WJGK HIGHLAND, NY BNP-20041028AGQ 1200 kHz

Daytime

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

Power: 4.7 kW
Graph Maximum: 2000 mV/m



Facility ID: 160480
Application ID: 1019192
CDBS Antenna System ID: 87747

5 Towers
0 Augmentations

Theoretical pattern RMS: 651.30
Standard pattern RMS: 685.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1096.44	1151.95	
5	1202.27	1263.01	
10	1280.28	1344.89	
15	1324.42	1391.21	
20	1330.78	1397.89	
25	1297.93	1363.40	
30	1227.08	1289.05	
35	1122.24	1179.03	
40	990.21	1040.49	
45	840.66	883.59	
50	686.61	722.04	
55	545.93	574.61	
60	443.40	467.28	
65	404.72	426.82	
70	430.79	454.09	
75	491.59	517.70	
80	557.02	586.23	
85	610.24	641.99	
90	643.73	677.09	
95	655.03	688.93	
100	644.48	677.88	
105	614.00	645.93	
110	566.39	596.05	
115	504.93	531.67	
120	433.09	456.49	
125	354.43	374.28	
130	272.45	288.83	
135	190.61	204.07	
140	112.33	124.50	
145	41.60	59.14	
150	27.25	49.07	
155	76.45	89.62	
160	114.74	126.90	
165	139.99	152.30	
170	153.06	165.58	
175	156.87	169.47	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	156.69	169.29	
185	159.68	172.33	
190	172.12	185.07	
195	195.60	209.21	
200	226.79	241.44	
205	260.80	276.73	
210	293.89	311.15	
215	324.38	342.93	
220	352.70	372.48	
225	380.92	401.94	
230	411.72	434.14	
235	447.21	471.26	
240	487.97	513.92	
245	532.81	560.87	
250	579.31	609.58	
255	624.59	657.03	
260	665.98	700.42	
265	701.42	737.57	
270	729.49	767.00	
275	749.32	787.79	
280	760.35	799.36	
285	762.12	801.21	
290	754.07	792.77	
295	735.56	773.37	
300	706.06	742.43	
305	665.45	699.86	
310	614.80	646.77	
315	557.44	586.67	
320	500.81	527.36	
325	458.76	483.34	
330	450.84	475.06	
335	492.01	518.15	
340	580.03	610.34	
345	699.79	735.87	
350	834.67	877.31	
355	970.71	1020.02	

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