

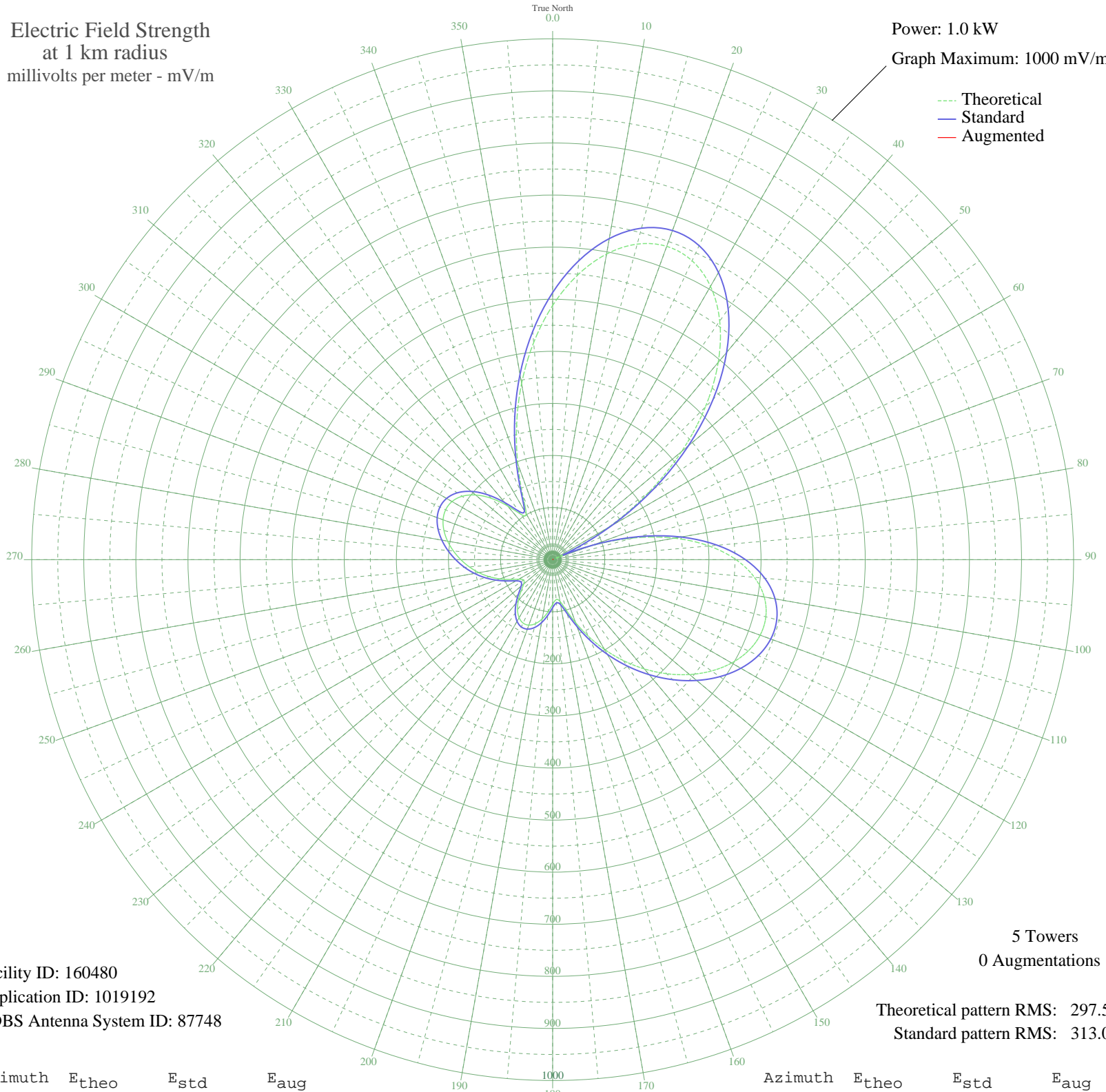
WJGK HIGHLAND, NY BNP-20041028AGQ 1200 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 160480
Application ID: 1019192
CDBS Antenna System ID: 87748

5 Towers
0 Augmentations

Theoretical pattern RMS: 297.50
Standard pattern RMS: 313.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	488.05	512.85	
5	548.41	576.18	
10	595.82	625.94	
15	627.21	658.88	
20	640.17	672.49	
25	633.25	665.22	
30	606.01	636.63	
35	559.13	587.44	
40	494.41	519.53	
45	414.62	435.82	
50	323.33	340.09	
55	224.63	236.73	
60	122.89	130.61	
65	22.98	31.47	
70	73.90	80.18	
75	161.11	170.36	
80	237.59	250.28	
85	301.53	317.25	
90	352.00	370.16	
95	388.82	408.76	
100	412.41	433.50	
105	423.68	445.32	
110	423.87	445.52	
115	414.40	435.59	
120	396.78	417.10	
125	372.51	391.65	
130	343.04	360.75	
135	309.71	325.83	
140	273.80	288.20	
145	236.47	249.11	
150	198.90	209.82	
155	162.36	171.67	
160	128.54	136.47	
165	100.10	107.03	
170	81.41	87.84	
175	77.00	83.34	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	85.62	92.15	
185	100.40	107.34	
190	115.38	122.82	
195	127.13	135.00	
200	133.76	141.89	
205	134.34	142.49	
210	128.72	136.66	
215	117.54	125.06	
220	102.34	109.34	
225	85.86	92.39	
230	72.55	78.81	
235	68.10	74.31	
240	75.07	81.37	
245	89.91	96.55	
250	107.87	115.05	
255	126.17	134.01	
260	143.75	152.28	
265	160.42	169.65	
270	176.26	186.17	
275	191.20	201.77	
280	204.76	215.95	
285	216.05	227.75	
290	223.81	235.86	
295	226.61	238.80	
300	223.09	235.12	
305	212.15	223.67	
310	193.18	203.85	
315	166.58	176.08	
320	134.88	143.05	
325	106.33	113.47	
330	101.35	108.32	
335	135.40	143.60	
340	195.50	206.26	
345	267.36	281.46	
350	343.36	361.10	
355	418.37	439.76	

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.

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Prepared by Audio Division, Media Bureau
Federal Communications Commission