

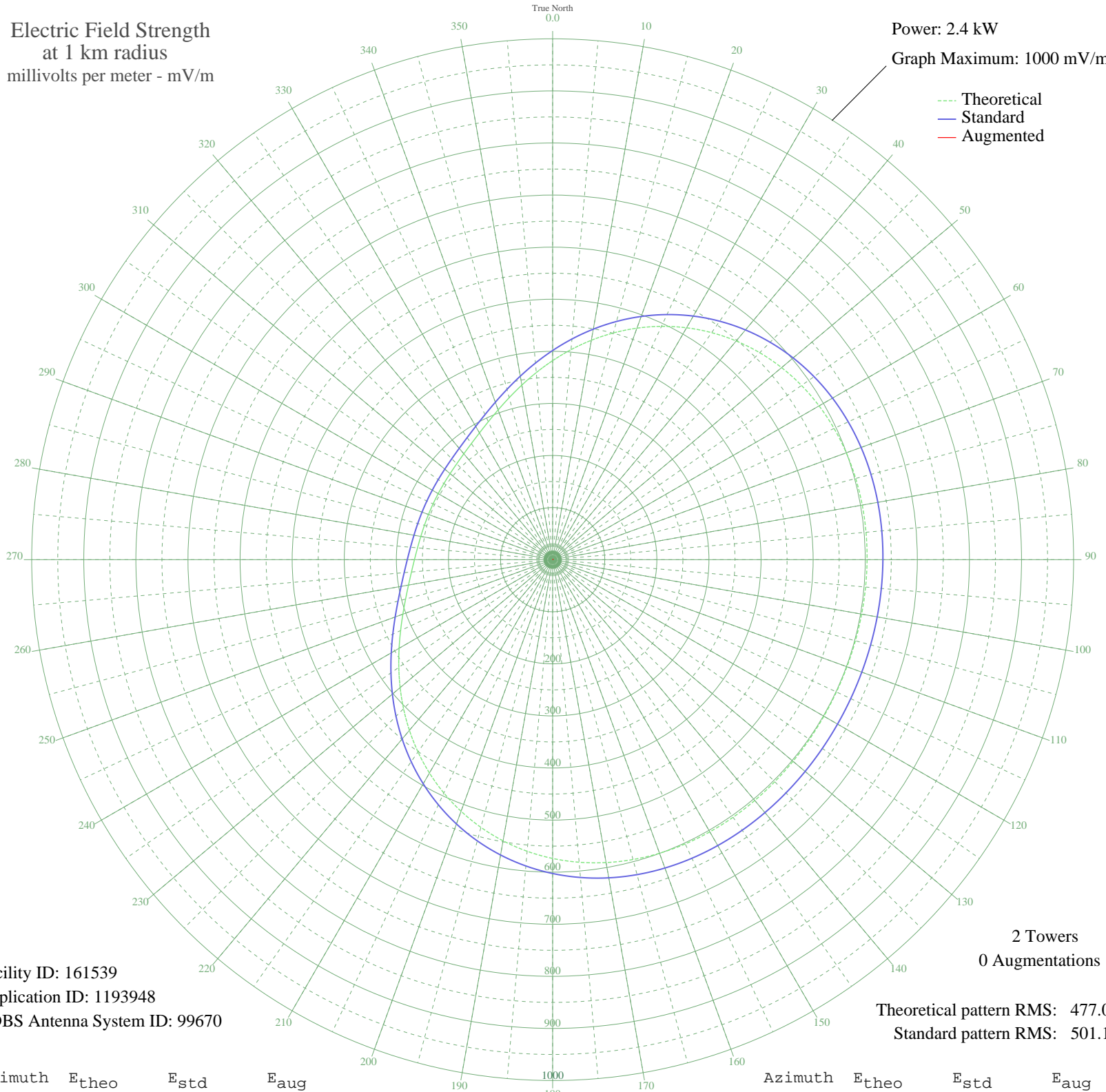
WHRH LITHONIA, GA BNP-20070717ABL 1360 kHz

Daytime

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

Power: 2.4 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 161539
Application ID: 1193948
CDBS Antenna System ID: 99670

2 Towers
0 Augmentations

Theoretical pattern RMS: 477.07
Standard pattern RMS: 501.19

Azimuth	E _{theo}	E _{std}	E _{aug}
0	382.14	401.58	
5	404.72	425.26	
10	427.73	449.41	
15	450.64	473.46	
20	472.97	496.88	
25	494.23	519.20	
30	514.05	540.00	
35	532.09	558.93	
40	548.12	575.76	
45	562.00	590.32	
50	573.67	602.57	
55	583.15	612.52	
60	590.55	620.29	
65	596.04	626.06	
70	599.85	630.05	
75	602.22	632.54	
80	603.44	633.82	
85	603.79	634.19	
90	603.55	633.93	
95	602.96	633.32	
100	602.26	632.59	
105	601.63	631.92	
110	601.19	631.46	
115	601.04	631.30	
120	601.19	631.46	
125	601.63	631.92	
130	602.26	632.59	
135	602.96	633.32	
140	603.55	633.93	
145	603.79	634.19	
150	603.44	633.82	
155	602.22	632.54	
160	599.85	630.05	
165	596.04	626.06	
170	590.55	620.29	
175	583.15	612.52	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	573.67	602.57	
185	562.00	590.32	
190	548.12	575.76	
195	532.09	558.93	
200	514.05	540.00	
205	494.23	519.20	
210	472.97	496.88	
215	450.64	473.46	
220	427.73	449.41	
225	404.72	425.26	
230	382.14	401.58	
235	360.52	378.90	
240	340.35	357.74	
245	322.06	338.55	
250	305.95	321.66	
255	292.24	307.28	
260	280.97	295.46	
265	272.05	286.12	
270	265.28	279.02	
275	260.37	273.87	
280	256.99	270.32	
285	254.82	268.06	
290	253.64	266.81	
295	253.26	266.42	
300	253.64	266.81	
305	254.82	268.06	
310	256.99	270.32	
315	260.37	273.87	
320	265.28	279.02	
325	272.05	286.12	
330	280.97	295.46	
335	292.24	307.28	
340	305.95	321.66	
345	322.06	338.55	
350	340.35	357.74	
355	360.52	378.90	

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