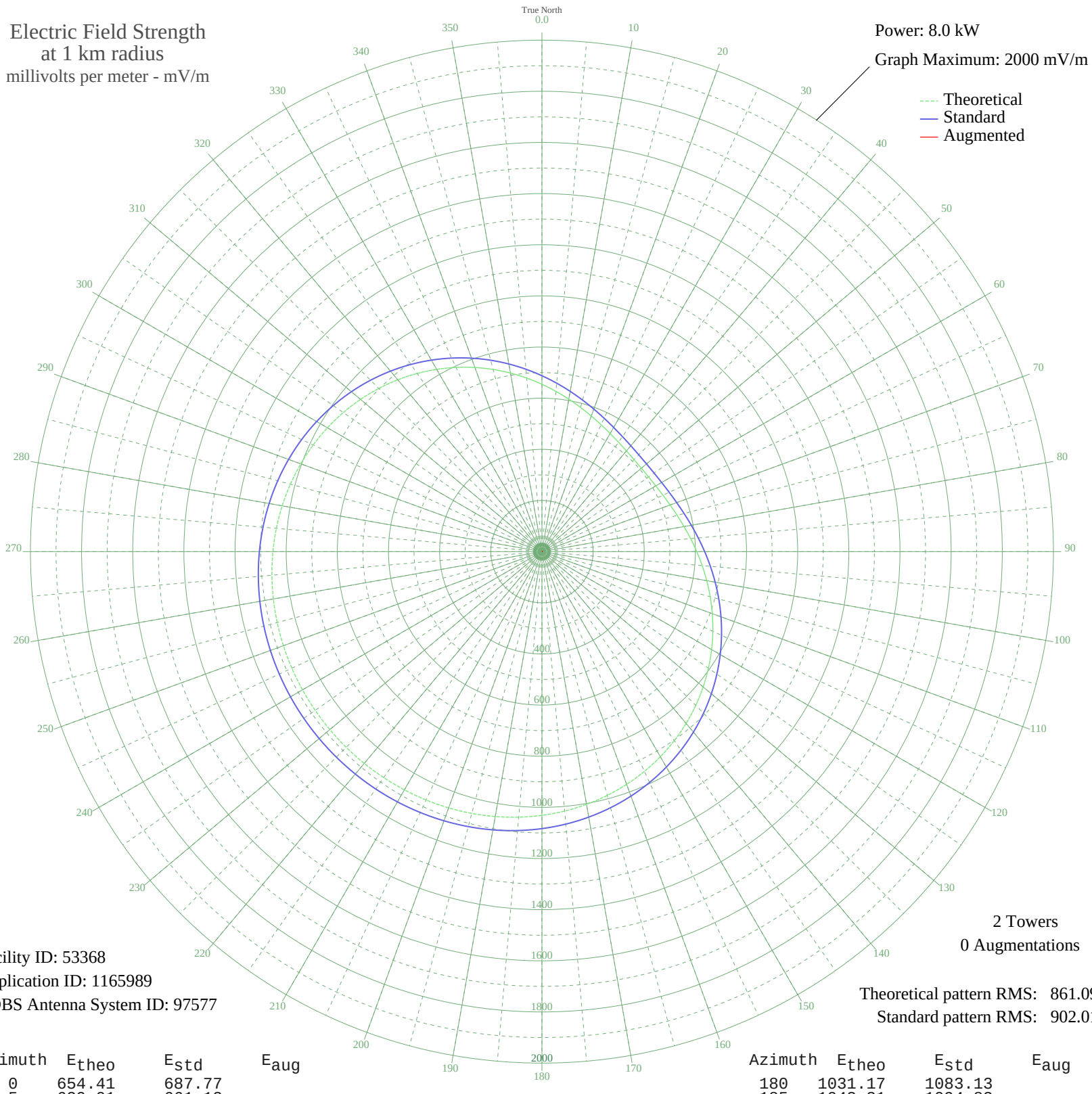
WKDL WARRENTON, VA BP-20070118ABY 1250 kHz

Daytime

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



Power: 8.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 53368
Application ID: 1165989
CDBS Antenna System ID: 97577

Theoretical pattern RMS: 861.09
Standard pattern RMS: 902.01

Azimuth	E_{theo}	E_{std}	E_{aug}
0	654.41	687.77	
5	629.01	661.13	
10	605.30	636.26	
15	583.60	613.50	
20	564.19	593.15	
25	547.32	575.46	
30	533.22	560.66	
35	522.05	548.96	
40	513.98	540.49	
45	509.09	535.37	
50	507.45	533.65	
55	509.09	535.37	
60	513.98	540.49	
65	522.05	548.96	
70	533.22	560.66	
75	547.32	575.46	
80	564.19	593.15	
85	583.60	613.50	
90	605.30	636.26	
95	629.01	661.13	
100	654.41	687.77	
105	681.17	715.84	
110	708.93	744.97	
115	737.35	774.79	
120	766.06	804.91	
125	794.71	834.97	
130	822.95	864.61	
135	850.47	893.49	
140	876.98	921.31	
145	902.22	947.80	
150	925.99	972.74	
155	948.10	995.95	
160	968.44	1017.30	
165	986.93	1036.70	
170	1003.54	1054.13	
175	1018.27	1069.59	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1031.17	1083.13	
185	1042.31	1094.83	
190	1051.81	1104.80	
195	1059.76	1113.15	
200	1066.32	1120.03	
205	1071.59	1125.56	
210	1075.71	1129.89	
215	1078.79	1133.12	
220	1080.92	1135.36	
225	1082.17	1136.67	
230	1082.58	1137.10	
235	1082.17	1136.67	
240	1080.92	1135.36	
245	1078.79	1133.12	
250	1075.71	1129.89	
255	1071.59	1125.56	
260	1066.32	1120.03	
265	1059.76	1113.15	
270	1051.81	1104.80	
275	1042.31	1094.83	
280	1031.17	1083.13	
285	1018.27	1069.59	
290	1003.54	1054.13	
295	986.93	1036.70	
300	968.44	1017.30	
305	948.10	995.95	
310	925.99	972.74	
315	902.22	947.80	
320	876.98	921.31	
325	850.47	893.49	
330	822.95	864.61	
335	794.71	834.97	
340	766.06	804.91	
345	737.35	774.79	
350	708.93	744.97	
355	681.17	715.84	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission