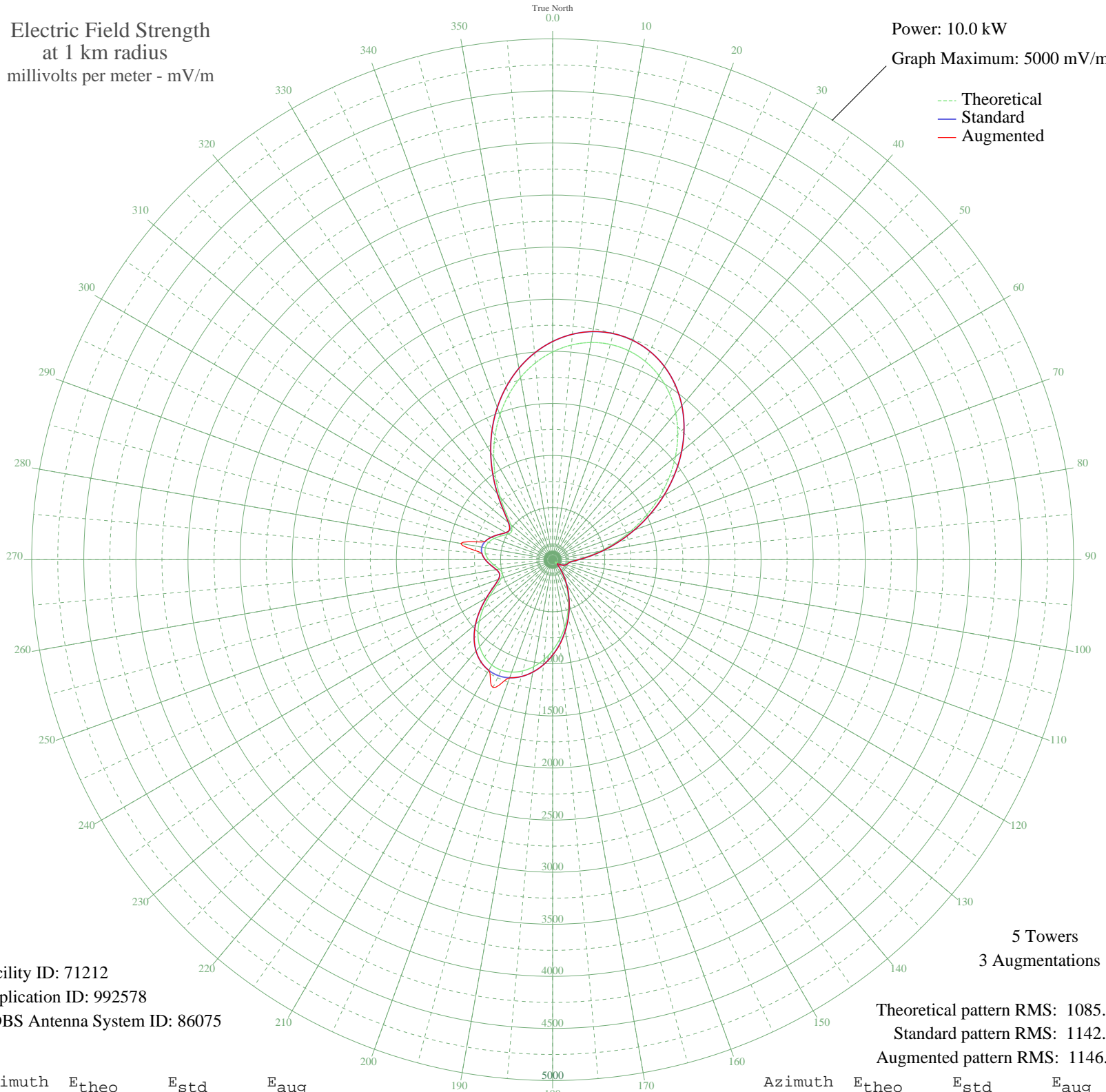


WLCC BRANDON, FL BL-20040429ABP 760 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 71212  
Application ID: 992578  
CDBS Antenna System ID: 86075

5 Towers  
3 Augmentations

Theoretical pattern RMS: 1085.90  
Standard pattern RMS: 1142.80  
Augmented pattern RMS: 1146.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1994.18	2094.39	2094.39
5	2068.24	2172.13	2172.13
10	2116.93	2223.25	2223.25
15	2139.16	2246.58	2246.58
20	2134.09	2241.26	2241.26
25	2101.20	2206.73	2206.73
30	2040.35	2142.85	2142.85
35	1951.93	2050.04	2050.04
40	1837.11	1929.50	1929.50
45	1697.99	1783.47	1783.47
50	1537.84	1615.38	1615.38
55	1361.18	1429.97	1429.97
60	1173.76	1233.29	1233.29
65	982.40	1032.53	1032.53
70	794.66	835.64	835.64
75	618.44	650.97	650.97
80	461.52	486.74	486.74
85	331.25	350.80	350.80
90	234.22	250.14	250.14
95	174.43	188.75	188.75
100	146.97	160.93	160.93
105	135.83	149.75	149.75
110	125.92	139.88	139.88
115	110.59	124.77	124.77
120	88.77	103.79	103.79
125	61.65	79.21	79.21
130	35.49	58.93	58.93
135	45.68	66.22	66.22
140	95.88	110.54	110.54
145	163.79	177.94	177.94
150	245.49	261.78	261.78
155	338.99	358.85	358.85
160	441.63	465.95	465.95
165	550.06	579.36	579.36
170	660.45	694.97	694.97
175	768.77	808.50	814.00

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	871.06	915.75	915.75
185	963.52	1012.73	1012.73
190	1042.65	1095.73	1095.73
195	1105.25	1161.41	1161.41
200	1148.48	1206.77	1206.77
205	1169.93	1229.27	1354.00
210	1167.72	1226.96	1226.96
215	1140.77	1198.67	1198.67
220	1089.02	1144.38	1144.38
225	1013.94	1065.61	1065.61
230	918.99	966.02	966.02
235	810.39	852.13	852.13
240	698.07	734.40	734.40
245	596.82	628.32	628.32
250	525.74	553.91	553.91
255	500.88	527.90	527.90
260	521.15	549.10	549.10
265	566.80	596.89	596.89
270	614.50	646.84	646.84
275	647.39	681.29	681.29
280	656.19	690.52	895.00
285	638.11	671.57	671.57
290	596.36	627.84	627.84
295	541.19	570.08	570.08
300	492.26	518.89	518.89
305	478.88	504.89	504.89
310	526.02	554.21	554.21
315	633.43	666.67	666.67
320	782.03	822.40	822.40
325	952.61	1001.28	1001.28
330	1131.49	1188.94	1188.94
335	1309.23	1375.45	1375.45
340	1479.07	1553.69	1553.69
345	1635.94	1718.35	1718.35
350	1775.97	1865.33	1865.33
355	1896.16	1991.49	1991.49