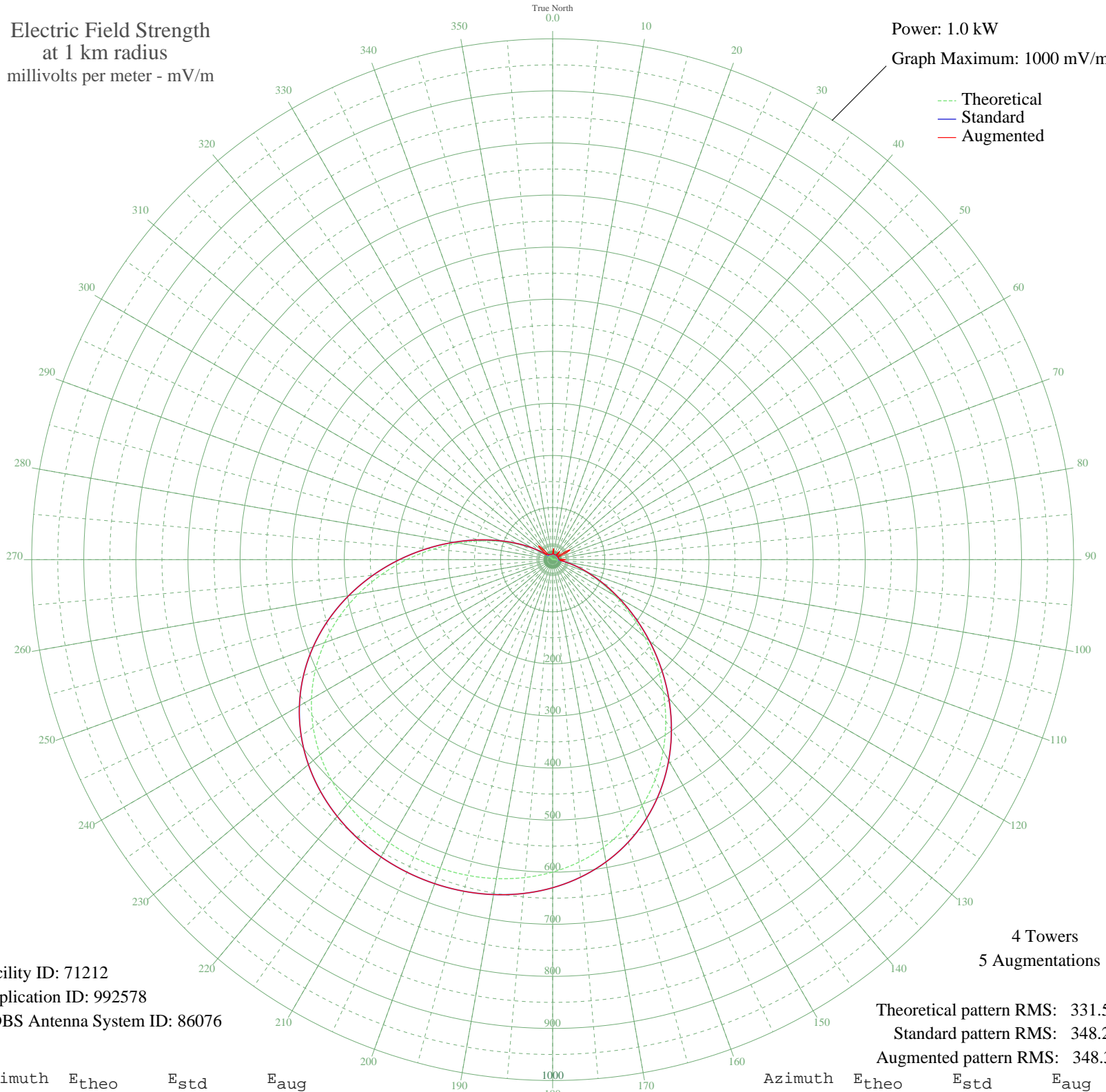


WLCC BRANDON, FL BL-20040429ABP 760 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 71212
Application ID: 992578
CDBS Antenna System ID: 86076

4 Towers
5 Augmentations

Theoretical pattern RMS: 331.50
Standard pattern RMS: 348.20
Augmented pattern RMS: 348.30

Azimuth	E _{theo}	E _{std}	E _{aug}
0	0.70	10.53	10.93
5	0.08	10.50	21.28
10	0.96	10.55	10.55
15	1.70	10.65	10.65
20	2.12	10.73	10.73
25	2.12	10.73	10.73
30	1.70	10.65	10.65
35	0.96	10.55	10.55
40	0.08	10.50	20.45
45	0.70	10.53	10.89
50	1.12	10.57	10.57
55	0.97	10.55	10.55
60	0.13	10.50	38.20
65	1.35	10.60	12.09
70	3.21	11.03	11.03
75	4.94	11.71	11.71
80	5.77	12.12	12.12
85	4.71	11.61	11.61
90	0.62	10.52	24.48
95	7.69	13.24	13.70
100	21.29	24.70	24.70
105	41.02	44.33	44.33
110	67.33	71.47	71.47
115	100.20	105.73	105.73
120	139.11	146.44	146.44
125	183.04	192.48	192.48
130	230.61	242.37	242.37
135	280.18	294.37	294.37
140	330.01	346.67	346.67
145	378.45	397.51	397.51
150	424.07	445.40	445.40
155	465.73	489.13	489.13
160	502.68	527.92	527.92
165	534.51	561.33	561.33
170	561.15	589.30	589.30
175	582.79	612.02	612.02

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.

Azimuth	E _{theo}	E _{std}	E _{aug}
180	599.80	629.88	629.88
185	612.63	643.35	643.35
190	621.75	652.92	652.92
195	627.57	659.04	659.04
200	630.41	662.01	662.01
205	630.41	662.01	662.01
210	627.57	659.04	659.04
215	621.75	652.92	652.92
220	612.63	643.35	643.35
225	599.80	629.88	629.88
230	582.79	612.02	612.02
235	561.15	589.30	589.30
240	534.51	561.33	561.33
245	502.68	527.92	527.92
250	465.73	489.13	489.13
255	424.07	445.40	445.40
260	378.45	397.51	397.51
265	330.01	346.67	346.67
270	280.18	294.37	294.37
275	230.61	242.37	242.37
280	183.04	192.48	192.48
285	139.11	146.44	146.44
290	100.20	105.73	105.73
295	67.33	71.47	71.47
300	41.02	44.33	44.33
305	21.29	24.70	24.70
310	7.69	13.24	14.45
315	0.62	10.52	37.97
320	4.71	11.61	11.61
325	5.77	12.12	12.12
330	4.94	11.71	11.71
335	3.21	11.03	11.03
340	1.35	10.60	10.60
345	0.13	10.50	10.50
350	0.97	10.55	10.55
355	1.12	10.57	10.57

15 Feb 2012

Prepared by Audio Division, Media Bureau
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