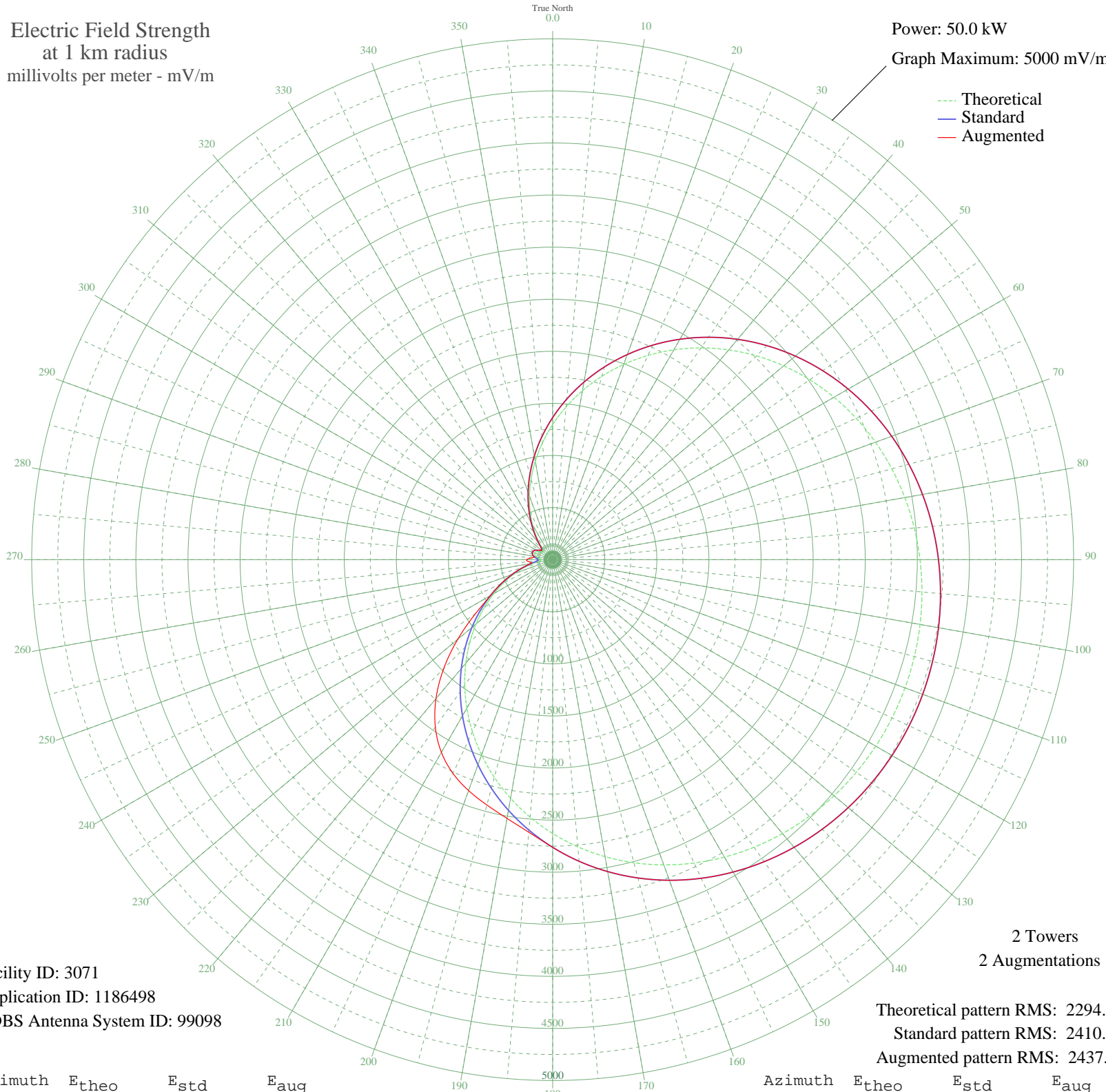


WWBC COCOA, FL BL-20070503ACZ 1510 kHz

Daytime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 3071
Application ID: 1186498
CDBS Antenna System ID: 99098

2 Towers
2 Augmentations

Theoretical pattern RMS: 2294.35
Standard pattern RMS: 2410.35
Augmented pattern RMS: 2437.53

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1296.80	1363.92	1363.92
5	1470.98	1546.54	1546.54
10	1646.52	1730.64	1730.64
15	1821.53	1914.22	1914.22
20	1994.17	2095.36	2095.36
25	2162.71	2272.21	2272.21
30	2325.57	2443.12	2443.12
35	2481.31	2606.56	2606.56
40	2628.71	2761.27	2761.27
45	2766.77	2906.17	2906.17
50	2894.70	3040.46	3040.46
55	3011.95	3163.53	3163.53
60	3118.18	3275.04	3275.04
65	3213.24	3374.82	3374.82
70	3297.16	3462.91	3462.91
75	3370.09	3539.47	3539.47
80	3432.30	3604.78	3604.78
85	3484.12	3659.17	3659.17
90	3525.89	3703.02	3703.02
95	3557.96	3736.69	3736.69
100	3580.63	3760.48	3760.48
105	3594.13	3774.66	3774.66
110	3598.61	3779.36	3779.36
115	3594.13	3774.66	3774.66
120	3580.63	3760.48	3760.48
125	3557.96	3736.69	3736.69
130	3525.89	3703.02	3703.02
135	3484.12	3659.17	3659.17
140	3432.30	3604.78	3604.78
145	3370.09	3539.47	3539.47
150	3297.16	3462.91	3462.91
155	3213.24	3374.82	3374.82
160	3118.18	3275.04	3275.04
165	3011.95	3163.53	3163.53
170	2894.70	3040.46	3040.46
175	2766.77	2906.17	2906.17

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	2628.71	2761.27	2761.27
185	2481.31	2606.56	2626.62
190	2325.57	2443.12	2521.99
195	2162.71	2272.21	2438.49
200	1994.17	2095.36	2359.12
205	1821.53	1914.22	2264.04
210	1646.52	1730.64	2135.81
215	1470.98	1546.54	1963.01
220	1296.80	1363.92	1742.18
225	1125.90	1184.81	1478.87
230	960.17	1011.25	1189.23
235	801.49	845.25	905.20
240	651.70	688.81	688.81
245	512.64	544.01	544.01
250	386.31	413.21	413.21
255	275.29	299.60	299.60
260	184.11	208.75	211.34
265	123.14	151.40	228.13
270	108.44	138.46	250.15
275	129.61	157.25	200.25
280	156.93	182.64	182.64
285	176.19	201.08	201.08
290	182.96	207.63	207.63
295	176.19	201.08	201.08
300	156.93	182.64	182.64
305	129.61	157.25	157.25
310	108.44	138.46	138.46
315	123.14	151.40	151.40
320	184.11	208.75	208.75
325	275.29	299.60	299.60
330	386.31	413.21	413.21
335	512.64	544.01	544.01
340	651.70	688.81	688.81
345	801.49	845.25	845.25
350	960.17	1011.25	1011.25
355	1125.90	1184.82	1184.82