

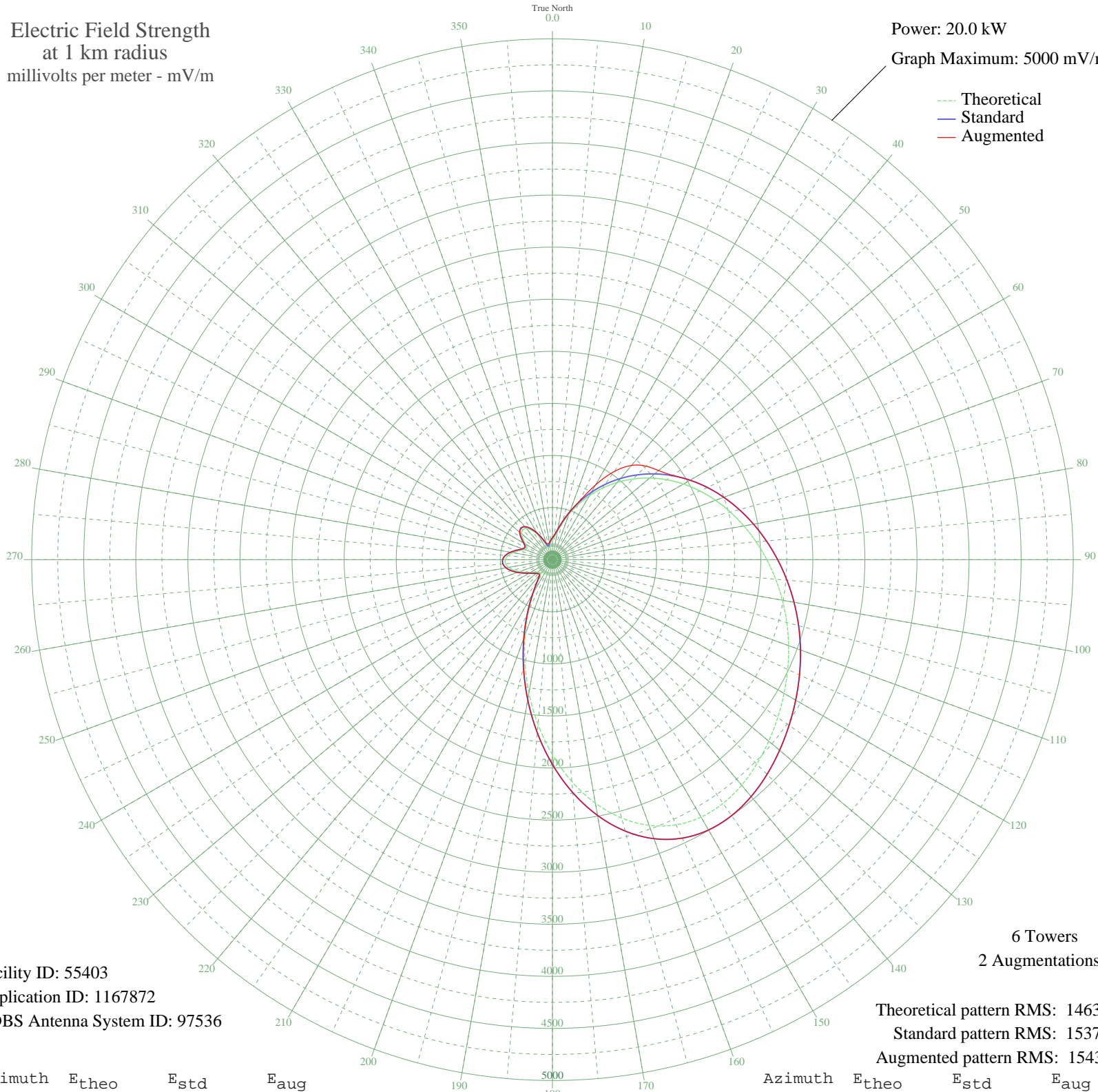
WSUA MIAMI, FL BL-20070102AAC 1260 kHz

Nighttime

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

Power: 20.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 55403  
Application ID: 1167872  
CDBS Antenna System ID: 97536

6 Towers  
2 Augmentations

Theoretical pattern RMS: 1463.00  
Standard pattern RMS: 1537.00  
Augmented pattern RMS: 1543.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	193.60	210.27	210.27
5	223.61	240.86	240.86
10	277.17	295.96	295.96
15	359.25	381.03	381.03
20	463.90	490.05	490.05
25	582.73	614.23	624.03
30	709.08	746.47	829.32
35	838.39	881.96	1032.42
40	967.69	1017.50	1181.00
45	1094.92	1150.93	1269.91
50	1218.65	1280.71	1330.70
55	1337.88	1405.80	1410.11
60	1452.15	1525.70	1525.70
65	1561.49	1640.45	1640.45
70	1666.42	1750.57	1750.57
75	1767.78	1856.94	1856.94
80	1866.48	1960.54	1960.54
85	1963.25	2062.12	2062.12
90	2058.41	2162.00	2162.00
95	2151.72	2259.94	2259.94
100	2242.45	2355.19	2355.19
105	2329.72	2446.80	2446.80
110	2412.91	2534.13	2534.13
115	2492.04	2617.20	2617.20
120	2567.79	2696.71	2696.71
125	2640.85	2773.41	2773.41
130	2710.80	2846.85	2846.85
135	2774.70	2913.94	2913.94
140	2826.26	2968.06	2968.06
145	2856.13	2999.42	2999.42
150	2853.53	2996.69	2996.69
155	2808.49	2949.41	2949.41
160	2714.17	2850.38	2850.38
165	2568.32	2697.27	2697.27
170	2373.82	2493.09	2493.09
175	2138.05	2245.60	2245.60

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1871.81	1966.14	1966.14
185	1587.87	1668.13	1668.13
190	1299.74	1365.79	1365.79
195	1020.79	1073.18	1073.18
200	763.55	803.53	803.53
205	539.51	569.03	569.03
210	359.53	381.31	381.31
215	235.37	252.92	252.92
220	177.44	193.92	193.92
225	173.10	189.54	189.54
230	189.31	205.92	205.92
235	211.73	228.73	228.73
240	242.86	260.61	260.61
245	285.61	304.67	304.67
250	336.34	357.23	357.23
255	386.75	409.64	409.64
260	427.64	452.23	452.23
265	451.25	476.85	476.85
270	452.47	478.13	478.13
275	429.76	454.44	454.44
280	386.32	409.18	409.18
285	331.95	352.67	352.67
290	285.59	304.65	304.65
295	271.87	290.48	290.48
300	298.96	318.48	318.48
305	346.11	367.38	367.38
310	386.90	409.79	409.79
315	403.96	427.56	427.56
320	389.51	412.50	412.50
325	343.89	365.07	365.07
330	274.78	293.48	293.48
335	196.95	213.67	214.05
340	134.82	151.42	165.10
345	119.75	136.75	158.59
350	143.58	160.06	167.05
355	171.00	187.43	187.43