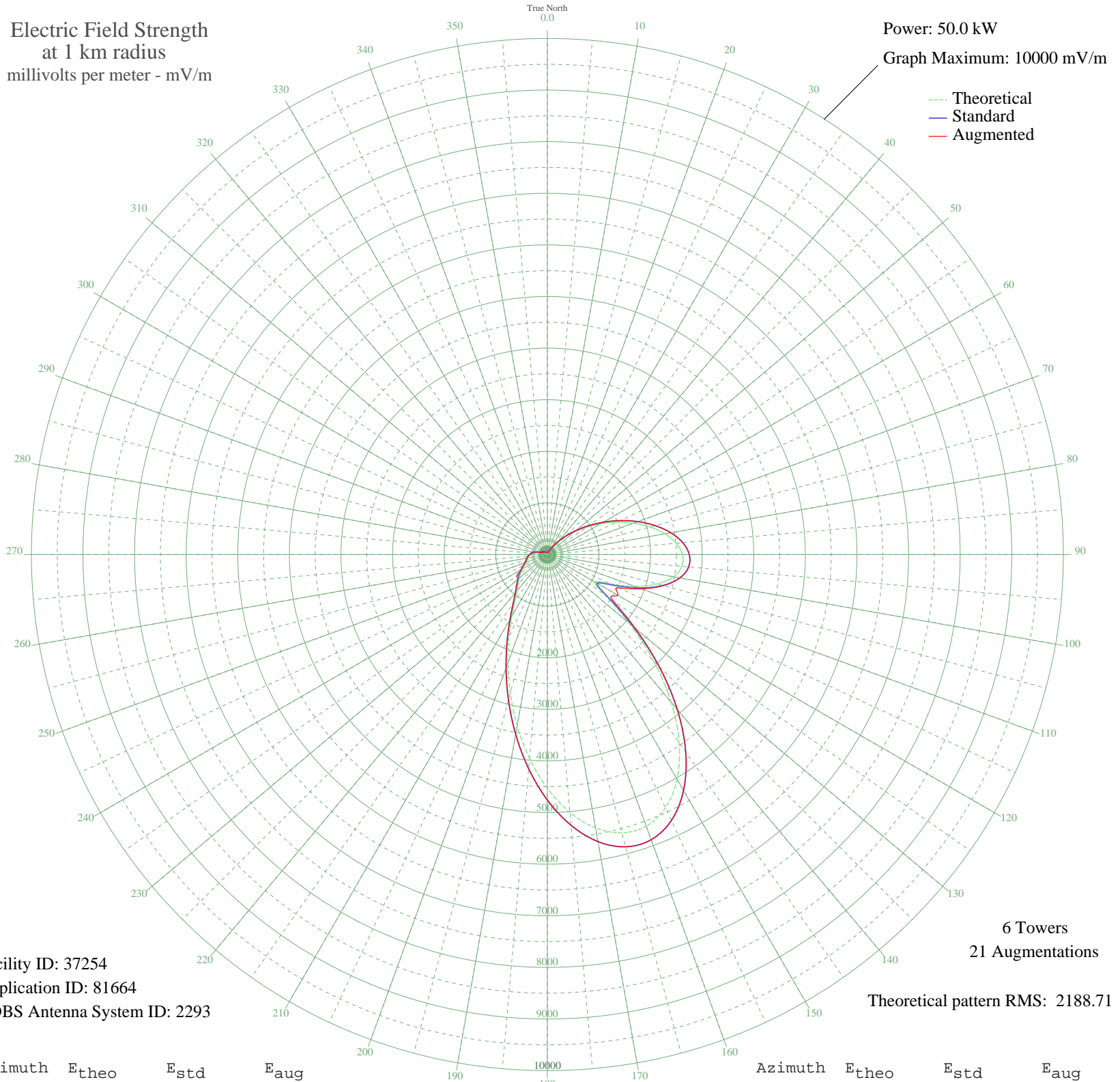


WAQI MIAMI, FL BL-19850910AA 710 kHz

Nighttime

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

Power: 50.0 kW
Graph Maximum: 10000 mV/m



Facility ID: 37254
Application ID: 81664
CDBS Antenna System ID: 2293

6 Towers
21 Augmentations
Theoretical pattern RMS: 2188.71

Azimuth	E _{theo}	E _{std}	E _{aug}
0	0.50	74.25	24.14
5	6.99	74.61	24.14
10	13.91	75.67	25.75
15	14.49	75.79	32.19
20	1.70	74.27	40.23
25	31.73	81.38	59.55
30	92.33	122.11	122.11
35	185.37	208.32	208.32
40	314.43	338.40	338.40
45	481.17	510.66	510.66
50	685.21	723.29	723.29
55	923.80	972.83	972.83
60	1191.44	1253.22	1253.22
65	1479.27	1555.01	1555.01
70	1774.41	1864.61	1864.61
75	2059.48	2163.73	2163.73
80	2312.61	2429.38	2429.38
85	2508.13	2634.58	2634.58
90	2618.36	2750.29	2750.29
95	2616.64	2748.48	2748.48
100	2481.63	2606.77	2606.77
105	2203.75	2315.13	2328.45
110	1796.83	1888.13	1943.23
115	1332.10	1400.68	1523.91
120	1056.18	1111.47	1578.32
125	1354.23	1423.87	1545.26
130	2070.39	2175.17	2223.18
135	2907.91	3054.21	3064.32
140	3728.23	3915.35	3915.35
145	4452.40	4675.61	4675.61
150	5026.39	5278.23	5278.23
155	5414.90	5686.13	5686.13
160	5600.57	5881.06	5881.06
165	5583.33	5862.97	5862.97
170	5378.76	5648.19	5648.19
175	5015.20	5266.48	5266.48

Azimuth	E _{theo}	E _{std}	E _{aug}
180	4530.13	4757.21	4757.21
185	3966.20	4165.18	4165.18
190	3367.38	3536.53	3536.53
195	2775.53	2915.25	2915.25
200	2227.76	2340.33	2340.33
205	1754.29	1843.50	1843.50
210	1375.96	1446.67	1446.67
215	1100.31	1157.70	1157.70
220	916.51	965.19	965.19
225	796.61	839.73	839.73
230	708.47	747.59	747.59
235	630.39	666.06	724.20
240	555.55	588.03	588.03
245	487.98	517.73	517.73
250	435.22	462.97	462.97
255	400.18	426.70	426.70
260	376.82	402.56	402.56
265	353.48	378.51	378.51
270	320.21	344.33	344.33
275	272.89	296.00	321.34
280	213.50	236.15	284.87
285	148.39	172.60	197.05
290	85.90	116.82	116.82
295	33.91	82.34	99.70
300	2.09	74.28	125.53
305	20.20	77.22	96.86
310	22.29	77.85	79.87
315	13.22	75.53	57.40
320	0.73	74.25	44.94
325	13.51	75.59	47.02
330	21.02	77.46	35.41
335	21.82	77.70	33.80
340	17.25	76.42	32.19
345	10.84	75.11	29.93
350	6.83	74.59	27.36
355	4.90	74.42	24.14

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission