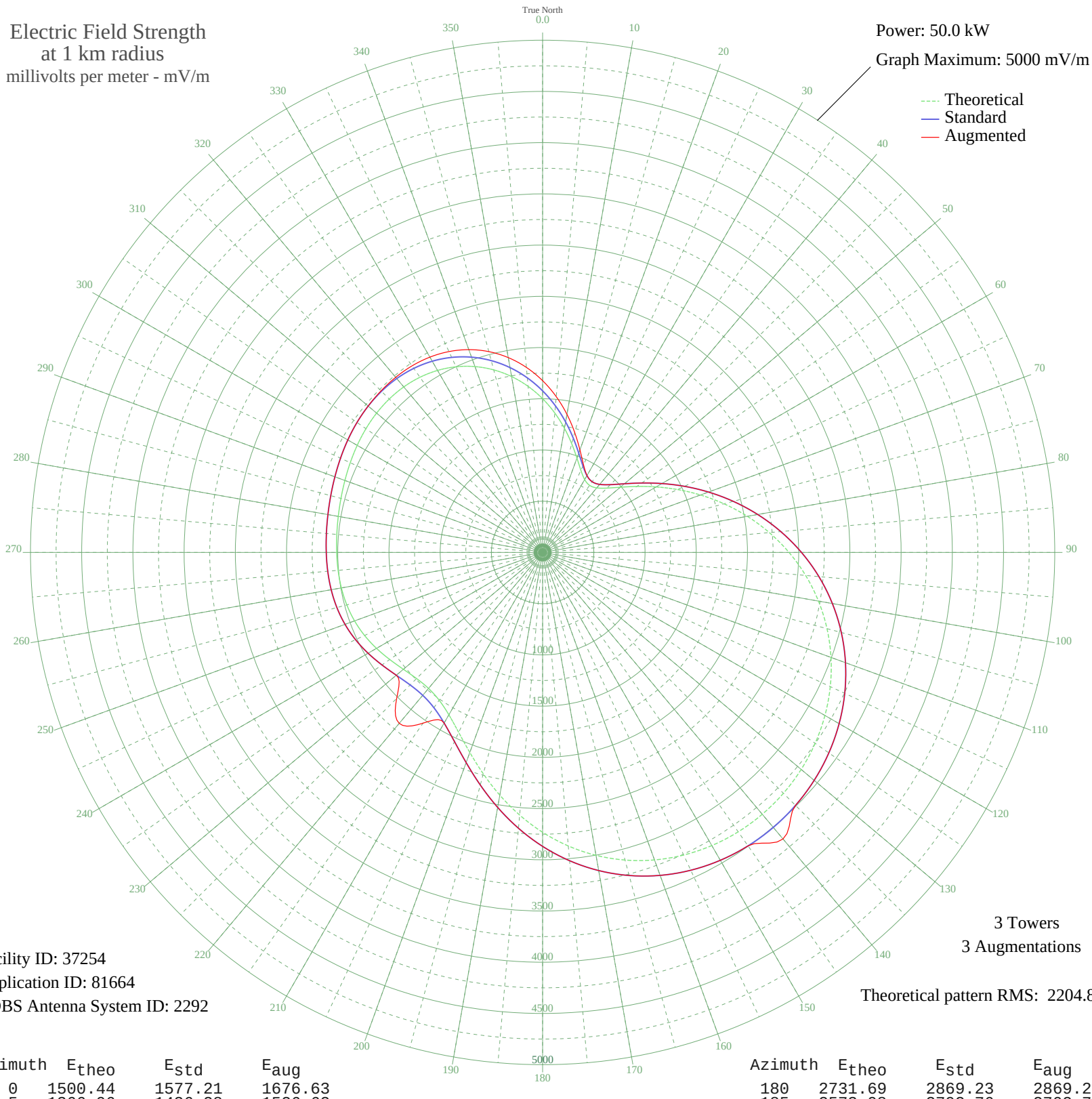
WAQI MIAMI, FL BL-19850910AA 710 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

3 Towers
3 Augmentations

Facility ID: 37254
Application ID: 81664
CDBS Antenna System ID: 2292

Theoretical pattern RMS: 2204.80

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1500.44	1577.21	1676.63
5	1366.06	1436.28	1526.62
10	1229.77	1293.40	1368.75
15	1098.35	1155.65	1211.27
20	980.00	1031.68	1065.20
25	884.31	931.49	944.82
30	821.36	865.62	866.82
35	799.55	842.80	842.80
40	822.56	866.88	866.88
45	888.20	935.56	935.56
50	990.50	1042.67	1042.67
55	1122.74	1181.21	1181.21
60	1278.77	1344.75	1344.75
65	1452.97	1527.43	1527.43
70	1639.90	1723.49	1723.49
75	1834.01	1927.14	1927.14
80	2029.81	2132.60	2132.60
85	2222.06	2334.34	2334.34
90	2406.08	2527.48	2527.48
95	2578.00	2707.92	2707.92
100	2734.86	2872.56	2872.56
105	2874.62	3019.27	3019.27
110	2996.11	3146.79	3146.79
115	3098.84	3254.62	3254.62
120	3182.78	3342.75	3342.75
125	3248.22	3411.44	3411.44
130	3295.47	3461.04	3461.04
135	3324.78	3491.81	3491.81
140	3336.17	3503.77	3650.94
145	3329.39	3496.65	3496.65
150	3303.93	3469.92	3469.92
155	3259.08	3422.84	3422.84
160	3194.13	3354.66	3354.66
165	3108.52	3264.79	3264.79
170	3002.19	3153.18	3153.18
175	2875.92	3020.63	3020.63

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	2731.69	2869.23	2869.23
185	2573.08	2702.76	2702.76
190	2405.70	2527.07	2527.07
195	2237.29	2350.33	2350.33
200	2077.77	2182.92	2182.92
205	1938.38	2036.66	2036.66
210	1830.10	1923.04	1923.04
215	1760.84	1850.37	2034.04
220	1732.65	1820.79	2177.65
225	1740.61	1829.15	2014.75
230	1774.48	1864.68	1864.68
235	1822.10	1914.65	1914.65
240	1872.54	1967.57	1967.57
245	1917.89	2015.16	2015.16
250	1953.78	2052.82	2052.82
255	1979.03	2079.30	2079.30
260	1994.91	2095.97	2095.97
265	2004.25	2105.77	2105.77
270	2010.50	2112.34	2112.34
275	2016.89	2119.03	2119.03
280	2025.75	2128.33	2128.33
285	2038.22	2141.42	2141.42
290	2054.13	2158.11	2158.11
295	2072.16	2177.04	2177.04
300	2090.20	2195.97	2195.97
305	2105.65	2212.17	2212.17
310	2115.71	2222.74	2223.21
315	2117.68	2224.81	2230.42
320	2109.03	2215.73	2231.53
325	2087.55	2193.19	2223.00
330	2051.43	2155.28	2201.33
335	1999.33	2100.61	2163.38
340	1930.50	2028.38	2106.62
345	1844.90	1938.57	2029.41
350	1743.33	1832.00	1931.21
355	1627.56	1710.55	1812.84