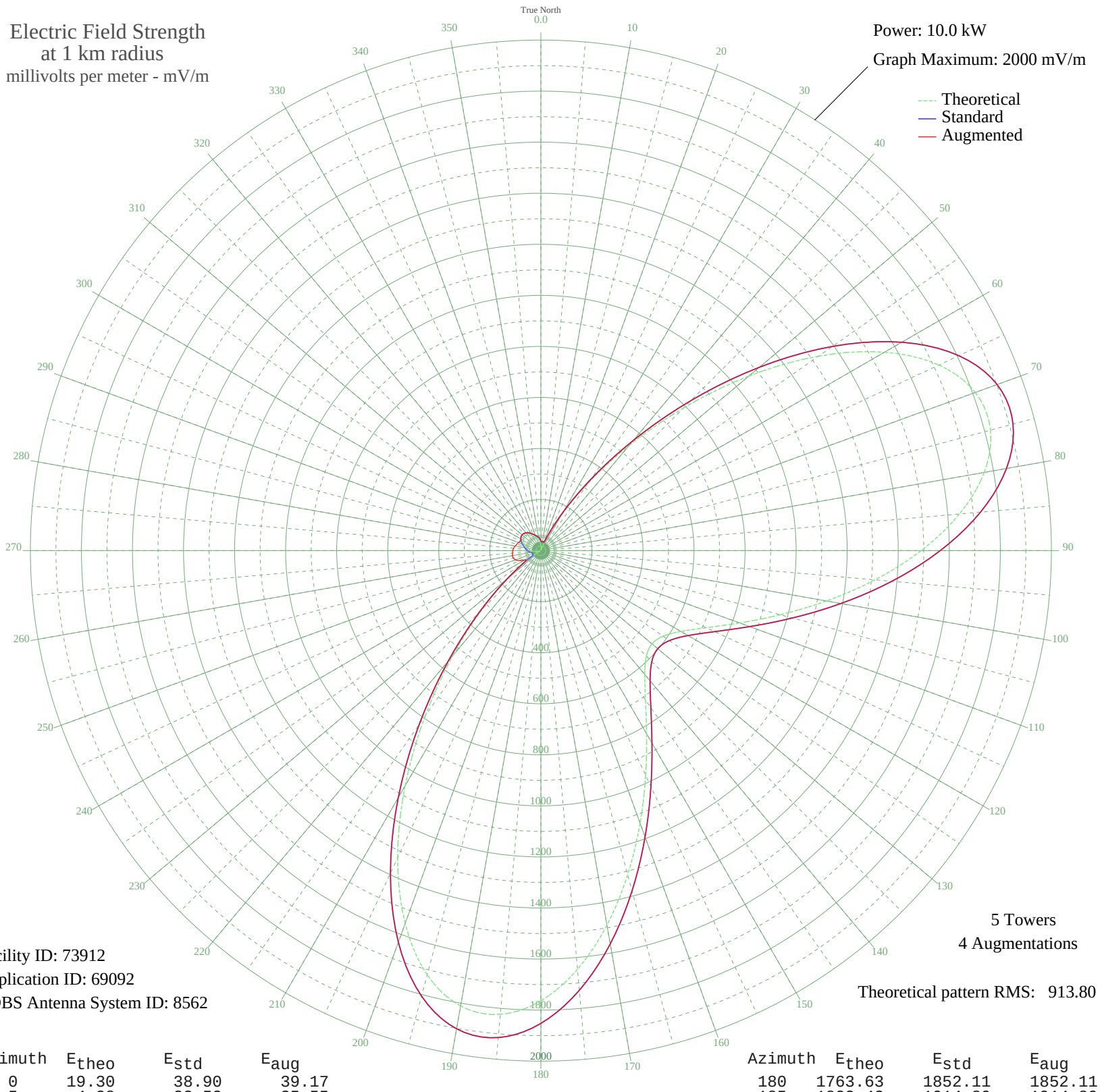
WQBA MIAMI, FL BL-19840425AA 1140 kHz

Nighttime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

5 Towers
4 Augmentations

Facility ID: 73912
Application ID: 69092
CDBS Antenna System ID: 8562

Theoretical pattern RMS: 913.80

Azimuth	E_{theo}	E_{std}	E_{aug}
0	19.30	38.90	39.17
5	4.38	33.52	35.55
10	10.46	34.97	36.00
15	14.72	36.63	36.67
20	5.28	33.66	35.58
25	58.83	70.13	70.13
30	162.73	174.07	174.07
35	322.57	340.33	340.33
40	536.06	563.84	563.84
45	790.44	830.62	830.62
50	1063.59	1117.26	1117.26
55	1327.68	1394.46	1394.46
60	1554.40	1632.45	1632.45
65	1720.37	1806.70	1806.70
70	1811.23	1902.09	1902.09
75	1823.43	1914.89	1914.89
80	1763.63	1852.11	1852.11
85	1646.21	1728.84	1728.84
90	1489.80	1564.64	1564.64
95	1313.91	1380.01	1380.01
100	1136.22	1193.49	1193.49
105	970.95	1020.04	1020.04
110	828.33	870.38	870.38
115	714.69	751.16	751.16
120	633.13	665.61	665.61
125	584.44	614.56	614.56
130	568.30	597.64	597.64
135	584.44	614.56	614.56
140	633.13	665.61	665.61
145	714.69	751.16	751.16
150	828.33	870.38	870.38
155	970.95	1020.04	1020.04
160	1136.21	1193.49	1193.49
165	1313.91	1380.01	1380.01
170	1489.80	1564.64	1564.64
175	1646.21	1728.84	1728.84
180	1763.63	1852.11	1852.11
185	1823.43	1914.89	1914.89
190	1811.24	1902.09	1902.09
195	1720.37	1806.70	1806.70
200	1554.40	1632.46	1632.46
205	1327.68	1394.46	1394.46
210	1063.59	1117.27	1117.27
215	790.44	830.63	830.63
220	536.06	563.84	563.84
225	322.58	340.33	340.33
230	162.73	174.07	174.45
235	58.83	70.13	80.57
240	5.28	33.66	73.06
245	14.72	36.63	92.83
250	10.46	34.97	105.50
255	4.38	33.52	111.66
260	19.30	38.90	112.66
265	31.30	46.72	111.40
270	39.49	53.12	110.12
275	45.61	58.28	107.29
280	51.80	63.72	102.48
285	59.03	70.32	97.35
290	66.91	77.70	93.13
295	74.39	84.88	89.31
300	80.49	90.80	90.80
305	84.45	94.68	94.68
310	85.82	96.03	96.03
315	84.45	94.68	94.68
320	80.49	90.80	90.80
325	74.39	84.88	84.88
330	66.91	77.70	77.70
335	59.03	70.32	70.32
340	51.80	63.72	63.72
345	45.61	58.28	58.28
350	39.49	53.12	53.12
355	31.30	46.72	46.72

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission