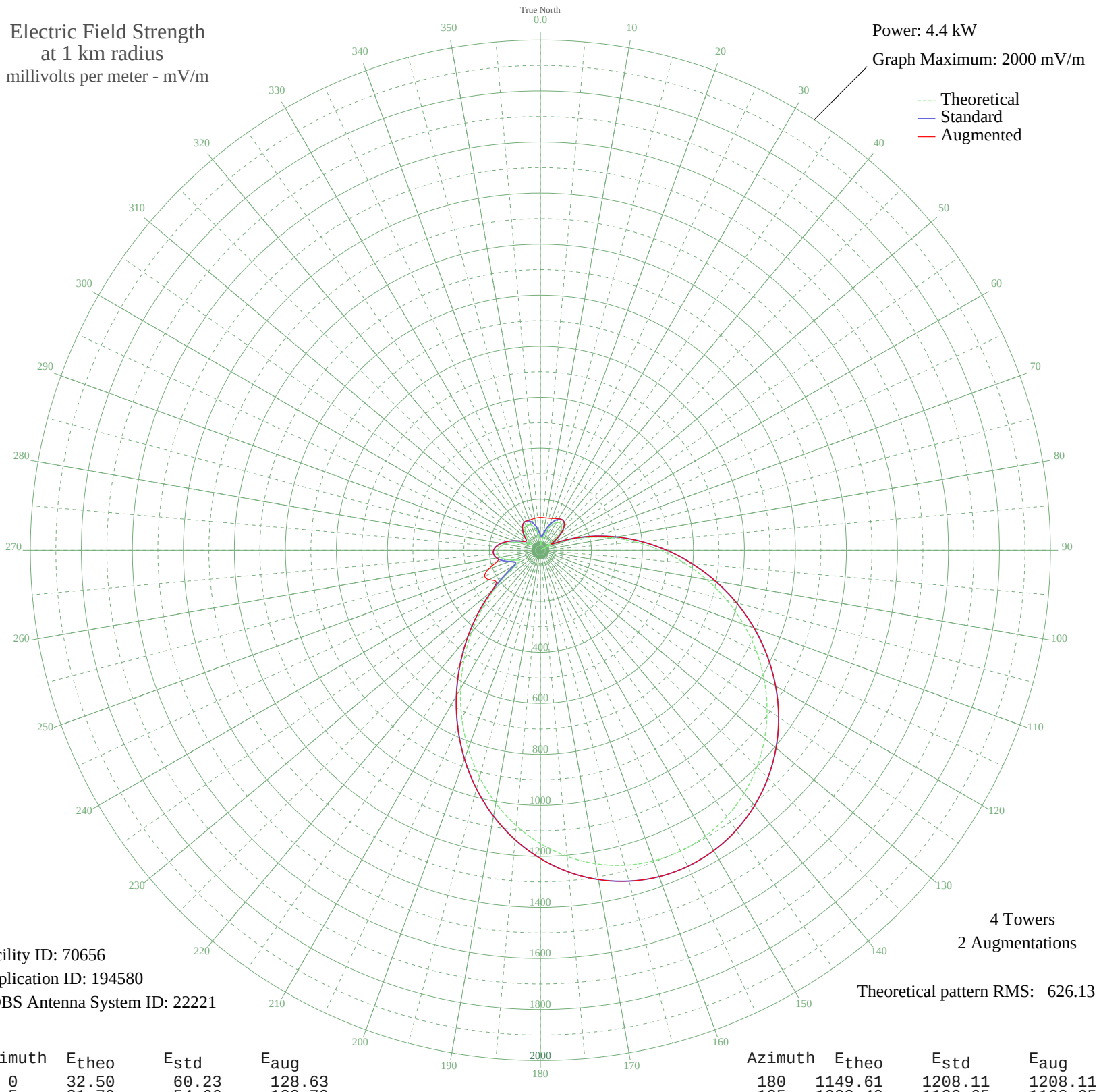
WABB MOBILE, AL BL-19940203AA 1480 kHz

Nighttime

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



Power: 4.4 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

4 Towers
2 Augmentations

Facility ID: 70656
Application ID: 194580
CDBS Antenna System ID: 22221

Theoretical pattern RMS: 626.13

Azimuth	E_{theo}	E_{std}	E_{aug}
0	32.50	60.23	128.63
5	21.79	54.66	128.70
10	39.51	64.69	128.85
15	65.15	84.52	130.00
20	89.77	106.53	132.85
25	110.40	126.10	137.40
30	124.95	140.28	142.67
35	131.65	146.87	146.87
40	129.00	144.25	144.25
45	115.82	131.35	131.35
50	91.33	107.98	107.98
55	55.16	76.28	76.28
60	7.55	50.27	50.27
65	51.59	73.47	73.47
70	120.64	136.05	136.05
75	198.61	214.36	214.36
80	283.94	302.24	302.24
85	374.87	396.73	396.73
90	469.54	495.50	495.50
95	566.03	596.40	596.40
100	662.46	697.35	697.35
105	757.02	796.42	796.42
110	848.03	891.81	891.81
115	933.92	981.88	981.88
120	1013.31	1065.14	1065.14
125	1084.95	1140.28	1140.28
130	1147.75	1206.16	1206.16
135	1200.77	1261.78	1261.78
140	1243.21	1306.31	1306.31
145	1274.40	1339.04	1339.04
150	1293.81	1359.40	1359.40
155	1301.02	1366.97	1366.97
160	1295.75	1361.44	1361.44
165	1277.86	1342.67	1342.67
170	1247.38	1310.69	1310.69
175	1204.49	1265.69	1265.69
180	1149.61	1208.11	1208.11
185	1083.40	1138.65	1138.65
190	1006.78	1058.29	1058.29
195	920.99	968.32	968.32
200	827.57	870.37	870.37
205	728.38	766.41	766.41
210	625.59	658.75	658.75
215	521.66	549.99	549.99
220	419.31	443.06	443.06
225	321.56	341.26	341.26
230	232.03	248.64	249.66
235	156.02	171.18	213.07
240	104.09	120.03	230.85
245	92.60	109.17	240.84
250	113.26	128.86	217.03
255	139.44	154.60	177.79
260	159.06	174.23	174.23
265	168.81	184.07	184.07
270	168.36	183.61	183.61
275	158.62	173.79	173.79
280	141.15	156.30	156.30
285	117.96	133.43	133.43
290	91.50	108.14	108.14
295	65.17	84.54	84.54
300	45.37	68.80	68.80
305	43.20	67.24	67.24
310	57.70	78.32	78.32
315	76.34	94.29	94.29
320	92.83	109.38	109.38
325	104.74	120.66	120.66
330	111.01	126.69	126.69
335	111.16	126.84	126.91
340	105.13	121.03	125.79
345	93.20	109.73	126.01
350	76.05	94.02	127.02
355	54.88	76.05	128.07

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