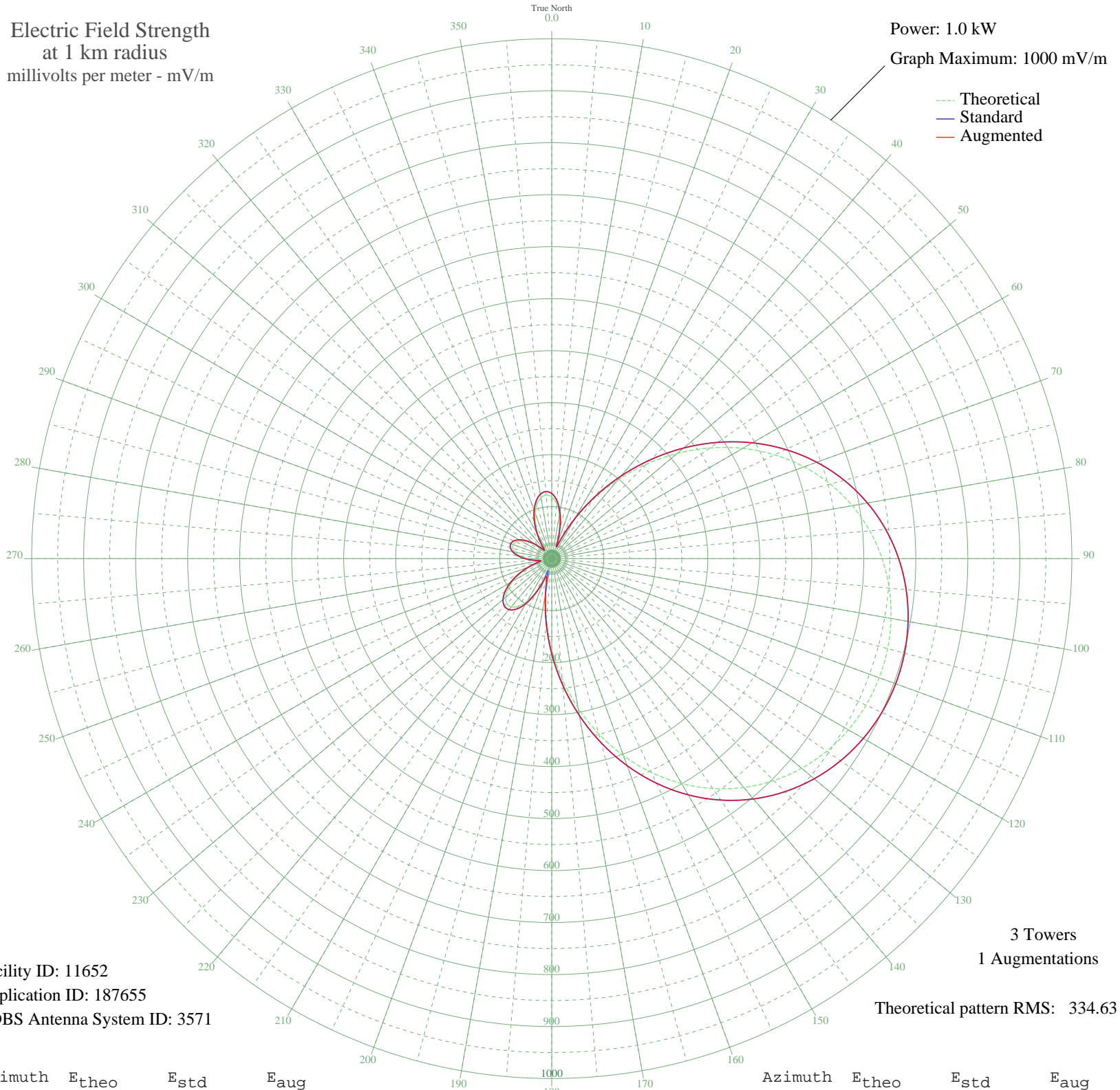


WYMB MANNING, SC BL-19930629AC 920 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 11652
Application ID: 187655
CDBS Antenna System ID: 3571

3 Towers
1 Augmentations

Theoretical pattern RMS: 334.63

Azimuth	E _{theo}	E _{std}	E _{aug}
0	118.56	125.22	125.22
5	106.13	112.25	112.25
10	85.14	90.40	90.40
15	56.17	60.49	60.49
20	23.83	28.40	28.40
25	36.07	40.19	40.19
30	84.30	89.53	89.53
35	139.19	146.77	146.77
40	197.21	207.50	207.50
45	256.32	269.48	269.48
50	314.81	330.82	330.82
55	371.15	389.93	389.93
60	424.09	445.50	445.50
65	472.68	496.49	496.49
70	516.23	542.21	542.21
75	554.34	582.21	582.21
80	586.84	616.33	616.33
85	613.74	644.57	644.57
90	635.17	667.07	667.07
95	651.33	684.03	684.03
100	662.42	695.67	695.67
105	668.62	702.18	702.18
110	670.05	703.68	703.68
115	666.72	700.19	700.19
120	658.58	691.64	691.64
125	645.49	677.89	677.89
130	627.24	658.74	658.74
135	603.65	633.97	633.97
140	574.52	603.39	603.39
145	539.76	566.91	566.91
150	499.44	524.59	524.59
155	453.81	476.70	476.70
160	403.39	423.77	423.77
165	348.95	366.65	366.65
170	291.59	306.47	306.47
175	232.66	244.66	244.66

Azimuth	E _{theo}	E _{std}	E _{aug}
180	173.76	182.95	182.95
185	116.73	123.30	123.30
190	63.84	68.37	69.80
195	22.19	26.90	37.52
200	36.16	40.28	46.35
205	68.62	73.29	73.56
210	94.55	100.19	100.19
215	112.13	118.50	118.50
220	121.17	127.94	127.94
225	122.09	128.90	128.90
230	115.73	122.25	122.25
235	103.23	109.22	109.22
240	85.98	91.27	91.27
245	65.52	70.09	70.09
250	43.62	47.74	47.74
255	23.26	27.88	27.88
260	16.45	21.89	21.89
265	30.59	34.82	34.82
270	47.15	51.30	51.30
275	61.17	65.62	65.62
280	71.44	76.21	76.21
285	77.40	82.38	82.38
290	78.80	83.82	83.82
295	75.56	80.47	80.47
300	67.82	72.47	72.47
305	55.96	60.28	60.28
310	40.71	44.81	44.81
315	23.98	28.54	28.54
320	15.92	21.45	21.45
325	30.87	35.09	35.09
330	52.42	56.66	56.66
335	73.98	78.83	78.83
340	93.35	98.94	98.94
345	108.88	115.11	115.11
350	119.08	125.75	125.75
355	122.65	129.49	129.49

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