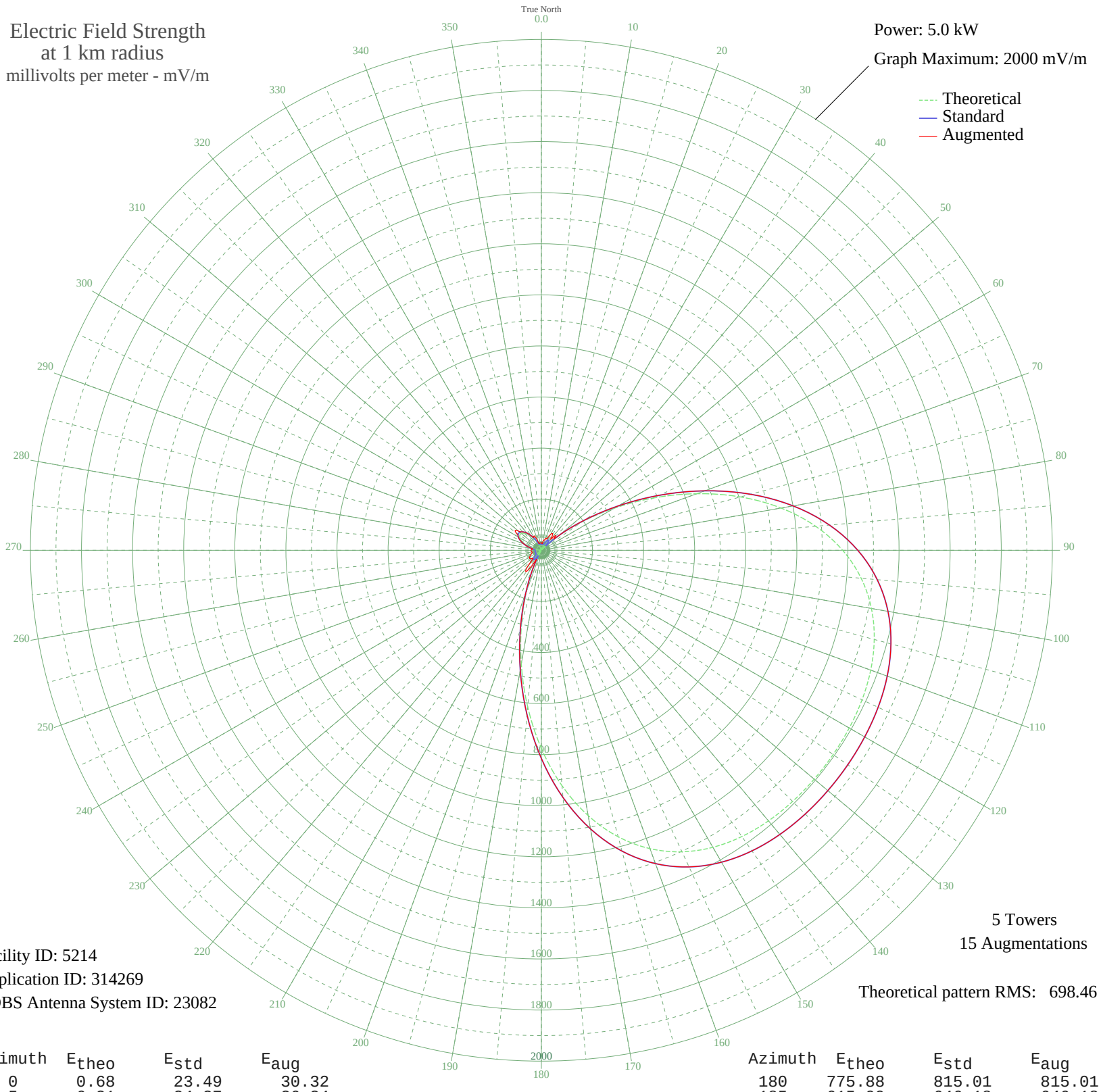
DWBSC BENNETTSVILLE, SC BL-- 1550 kHz

Nighttime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

5 Towers
15 Augmentations

Facility ID: 5214
Application ID: 314269
CDBS Antenna System ID: 23082

Theoretical pattern RMS: 698.46

Azimuth	E_{theo}	E_{std}	E_{aug}
0	0.68	23.49	30.32
5	6.21	24.37	26.24
10	9.79	25.63	32.12
15	6.84	24.55	41.38
20	3.70	23.80	50.14
25	19.58	31.21	47.65
30	34.94	43.55	71.43
35	41.03	49.06	77.29
40	27.99	37.61	55.79
45	12.87	27.09	78.02
50	86.75	94.07	94.07
55	193.98	205.03	205.03
60	329.66	346.93	346.93
65	484.70	509.47	509.47
70	647.66	680.44	680.44
75	806.93	847.60	847.60
80	952.64	1000.55	1000.55
85	1077.92	1132.06	1132.06
90	1179.33	1238.52	1238.52
95	1256.59	1319.63	1319.63
100	1311.87	1377.67	1377.67
105	1348.86	1416.50	1416.50
110	1371.84	1440.62	1440.62
115	1384.93	1454.36	1454.36
120	1391.57	1461.33	1461.33
125	1394.16	1464.06	1464.06
130	1393.89	1463.77	1463.77
135	1390.62	1460.34	1460.34
140	1382.92	1452.26	1452.26
145	1368.16	1436.76	1436.76
150	1342.73	1410.06	1410.06
155	1302.41	1367.73	1367.73
160	1242.99	1305.35	1305.35
165	1161.01	1219.29	1219.29
170	1054.71	1107.70	1107.70
175	924.96	971.49	971.49
180	775.88	815.01	815.01
185	615.00	646.18	646.18
190	452.67	475.89	475.89
195	300.63	316.54	316.54
200	170.03	180.07	180.07
205	69.24	76.40	76.40
210	2.16	23.59	52.07
215	32.58	41.49	100.41
220	41.03	49.06	86.40
225	32.30	41.24	46.20
230	16.21	29.00	50.55
235	1.04	23.50	56.07
240	8.04	24.95	53.64
245	9.51	25.52	47.12
250	4.97	24.05	42.13
255	2.10	23.58	38.54
260	7.71	24.83	36.91
265	8.64	25.17	40.20
270	3.13	23.71	40.19
275	8.91	25.27	37.09
280	26.10	36.09	36.09
285	46.14	53.84	53.84
290	66.28	73.45	73.45
295	83.85	91.12	91.12
300	96.63	104.14	104.14
305	103.03	110.70	122.46
310	102.31	109.96	116.36
315	94.54	102.01	102.01
320	80.66	87.89	87.89
325	62.38	69.58	69.58
330	42.03	49.99	59.36
335	22.35	33.20	60.07
340	6.03	24.32	28.13
345	4.77	24.01	29.13
350	8.93	25.28	28.97
355	6.88	24.56	28.97

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.

25 Feb 2014

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