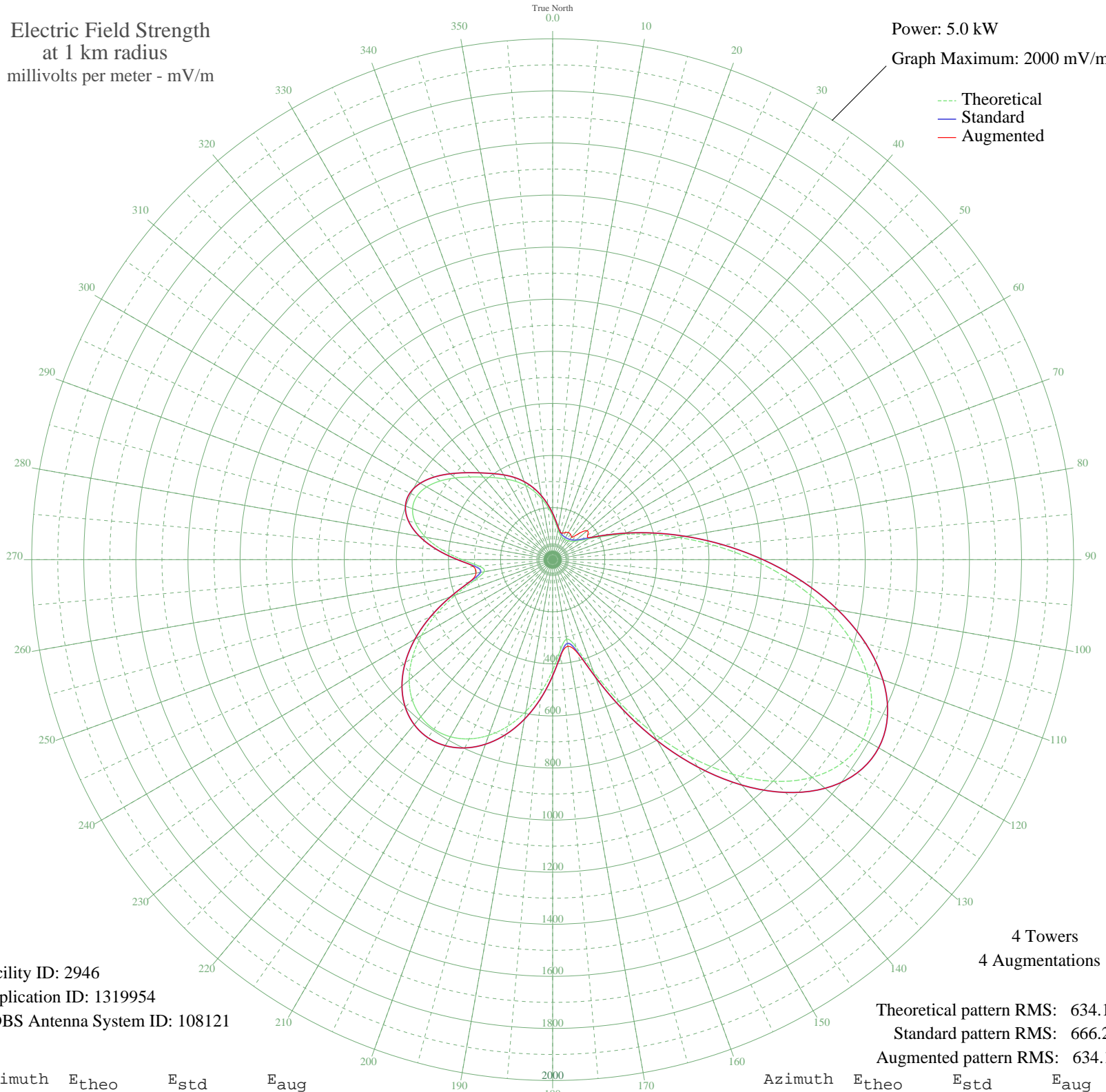


WWNC ASHEVILLE, NC BL-20090622AGS 570 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 2946
Application ID: 1319954
CDBS Antenna System ID: 108121

Theoretical pattern RMS: 634.10
Standard pattern RMS: 666.20
Augmented pattern RMS: 634.10

Azimuth	E _{theo}	E _{std}	E _{aug}
0	167.98	177.93	177.93
5	139.28	148.12	148.12
10	117.39	125.47	125.47
15	103.11	110.78	110.83
20	95.37	102.85	108.35
25	91.95	99.36	114.92
30	90.92	98.31	120.30
35	91.51	98.91	119.12
40	94.00	101.45	112.88
45	99.45	107.03	141.37
50	109.86	117.72	173.00
55	128.70	137.16	163.86
60	160.79	170.46	170.46
65	210.96	222.75	222.75
70	282.48	297.54	297.54
75	376.43	395.95	395.95
80	491.58	516.69	516.69
85	624.33	655.96	655.96
90	768.74	807.52	807.52
95	916.80	962.92	962.92
100	1058.92	1112.11	1112.11
105	1184.88	1244.34	1244.34
110	1284.86	1349.31	1349.31
115	1350.58	1418.31	1418.31
120	1376.25	1445.26	1445.26
125	1359.25	1427.41	1427.41
130	1300.37	1365.59	1365.59
135	1203.66	1264.06	1264.06
140	1075.89	1129.92	1129.92
145	925.91	972.48	972.48
150	764.09	802.63	802.63
155	602.39	632.95	632.95
160	456.08	479.46	479.46
165	348.29	366.46	371.82
170	309.99	326.33	337.79
175	346.90	365.00	366.58

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	424.07	445.90	445.90
185	510.43	536.47	536.47
190	591.56	621.58	621.58
195	661.53	695.01	695.01
200	717.86	754.11	754.11
205	759.31	797.63	797.63
210	785.14	824.73	824.73
215	794.65	834.72	834.72
220	787.15	826.84	826.84
225	762.00	800.44	800.44
230	718.84	755.15	755.15
235	658.00	691.30	691.30
240	581.00	610.50	610.50
245	491.52	516.63	516.63
250	397.15	417.67	417.67
255	313.13	329.62	330.41
260	267.04	281.37	298.73
265	283.45	298.54	305.36
270	347.23	365.35	365.35
275	424.90	446.76	446.76
280	494.62	519.88	519.88
285	545.31	573.06	573.06
290	572.33	601.40	601.40
295	575.55	604.79	604.79
300	558.42	586.81	586.81
305	526.89	553.73	553.73
310	488.17	513.11	513.11
315	448.97	472.00	472.00
320	413.78	435.11	435.11
325	383.81	403.68	403.68
330	357.27	375.87	375.87
335	331.08	348.42	348.42
340	302.64	318.64	318.64
345	270.90	285.41	285.41
350	236.48	249.42	249.42
355	201.30	212.66	212.66