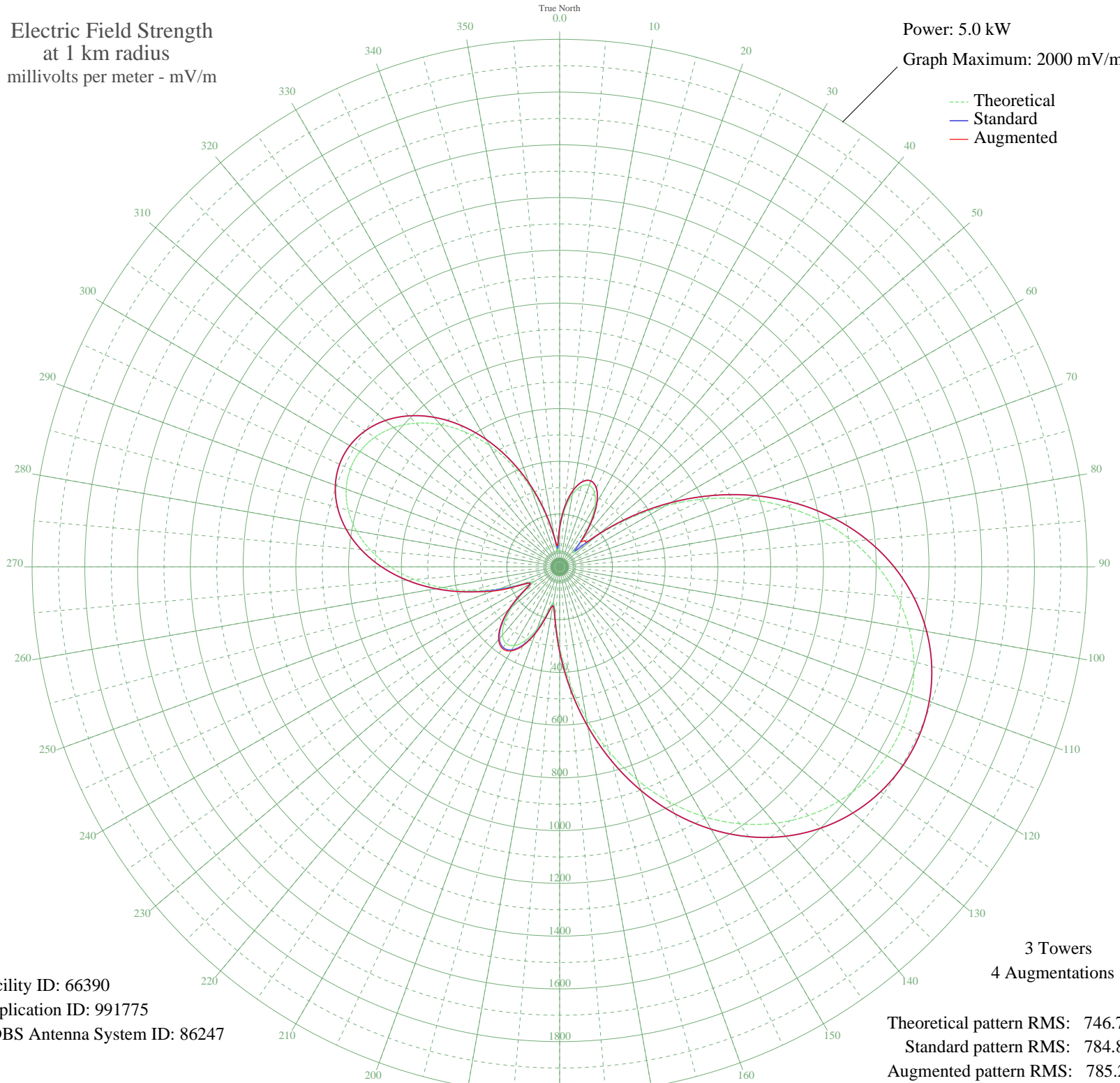


WORD SPARTANBURG, SC BP-20040601AUL 950 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 66390
Application ID: 991775
CDBS Antenna System ID: 86247

Theoretical pattern RMS: 746.70
Standard pattern RMS: 784.80
Augmented pattern RMS: 785.20

Azimuth	E _{theo}	E _{std}	E _{aug}
0	138.52	149.40	149.40
5	217.13	230.52	230.52
10	278.55	294.46	294.46
15	316.78	334.36	334.36
20	328.44	346.55	346.55
25	311.94	329.31	329.31
30	267.52	282.96	282.96
35	197.90	210.57	210.57
40	112.39	122.85	127.55
45	77.92	88.64	137.89
50	179.70	191.75	191.75
55	316.78	334.37	334.37
60	462.53	486.86	486.86
65	609.04	640.40	640.40
70	751.03	789.32	789.32
75	884.44	929.29	929.29
80	1006.24	1057.10	1057.10
85	1114.26	1170.47	1170.47
90	1207.18	1268.00	1268.00
95	1284.28	1348.93	1348.93
100	1345.35	1413.03	1413.03
105	1390.44	1460.36	1460.36
110	1419.76	1491.14	1491.14
115	1433.52	1505.58	1505.58
120	1431.85	1503.83	1503.83
125	1414.73	1485.86	1485.86
130	1382.06	1451.56	1451.56
135	1333.62	1400.71	1400.71
140	1269.26	1333.16	1333.16
145	1189.00	1248.91	1248.91
150	1093.19	1148.35	1148.35
155	982.71	1032.41	1032.41
160	859.18	902.78	902.78
165	725.10	762.12	762.12
170	584.08	614.24	614.24
175	441.23	464.54	464.54

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.

24 Jul 2005

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	304.27	321.30	321.30
185	188.90	201.26	201.43
190	137.88	148.73	150.33
195	180.16	192.22	195.23
200	250.24	264.96	268.67
205	308.89	326.12	330.29
210	344.78	363.62	368.09
215	354.32	373.59	378.20
220	337.23	355.73	360.29
225	295.67	312.32	316.67
230	234.53	248.61	252.56
235	164.33	175.89	179.17
240	116.86	127.36	129.22
245	150.98	162.16	164.61
250	241.85	256.22	269.39
255	347.26	366.21	366.21
260	452.88	476.75	476.75
265	552.41	581.03	581.03
270	642.02	674.99	674.99
275	719.17	755.90	755.90
280	782.10	821.91	821.91
285	829.67	871.82	871.82
290	861.15	904.85	904.85
295	876.13	920.57	920.57
300	874.44	918.80	918.80
305	856.08	899.53	899.53
310	821.23	862.96	862.96
315	770.31	809.54	809.54
320	704.05	740.04	740.04
325	623.60	655.66	655.66
330	530.65	558.22	558.22
335	427.58	450.25	450.25
340	317.65	335.28	335.28
345	205.53	218.49	218.49
350	100.86	111.27	113.31
355	63.92	75.29	83.48