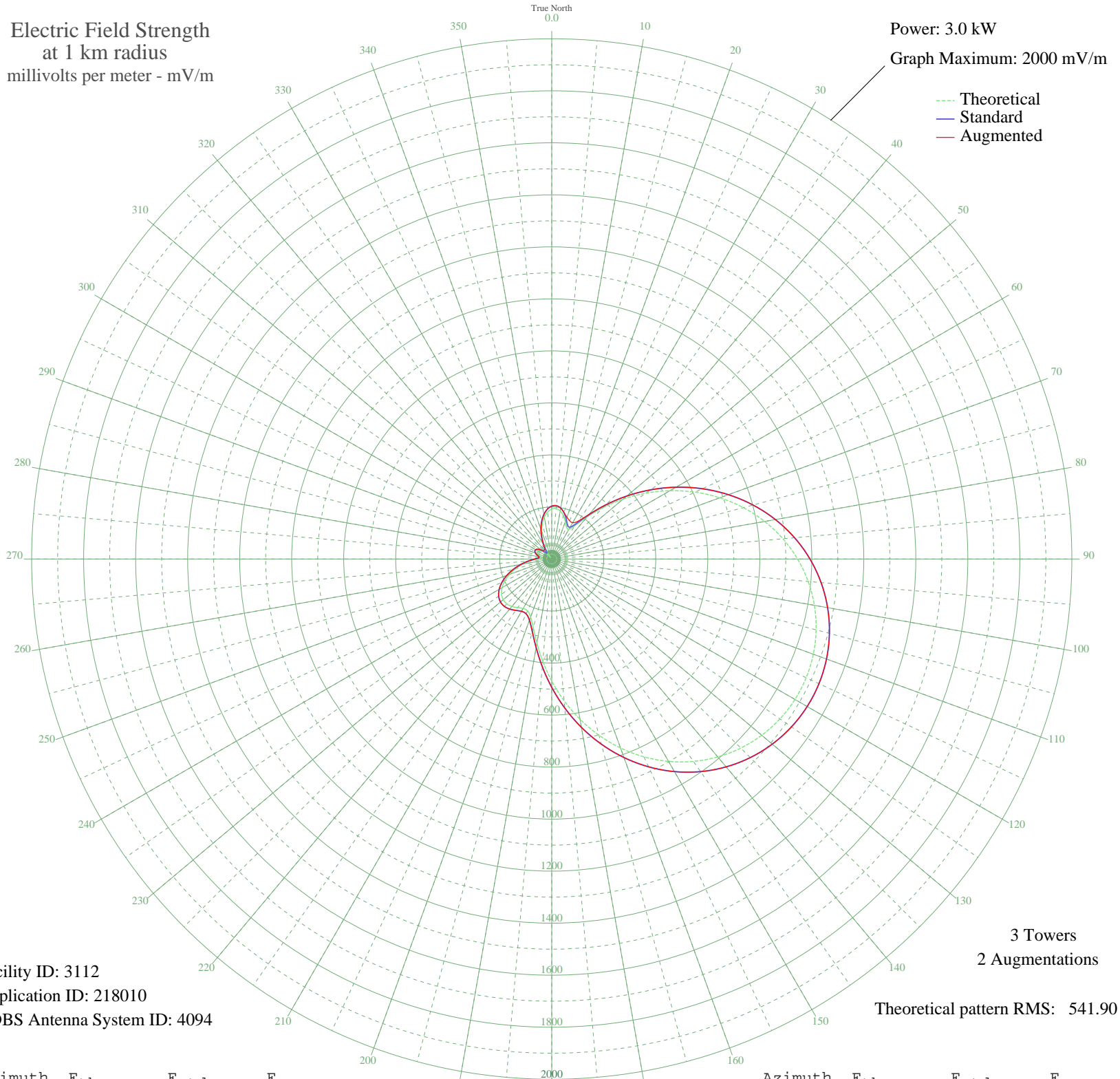


# WJMX FLORENCE, SC BL-19960111AH 970 kHz

Nighttime

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

Power: 3.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 3112  
Application ID: 218010  
CDBS Antenna System ID: 4094

3 Towers  
2 Augmentations  
Theoretical pattern RMS: 541.90

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	191.89	203.31	203.31
5	194.10	205.60	205.60
10	187.47	198.71	198.71
15	172.67	183.33	184.06
20	152.55	162.46	170.83
25	134.35	143.66	162.09
30	132.04	141.27	161.00
35	158.22	168.33	178.26
40	210.47	222.66	223.99
45	279.30	294.52	294.52
50	357.54	376.40	376.40
55	440.55	463.37	463.37
60	524.97	551.89	551.89
65	608.17	639.16	639.16
70	688.04	722.95	722.95
75	762.85	801.45	801.45
80	831.28	873.26	873.26
85	892.33	937.34	937.34
90	945.33	992.96	992.96
95	989.82	1039.67	1039.67
100	1025.57	1077.19	1077.19
105	1052.46	1105.41	1105.41
110	1070.46	1124.31	1124.31
115	1079.60	1133.91	1133.91
120	1079.91	1134.23	1134.23
125	1071.39	1125.29	1125.29
130	1054.08	1107.12	1107.12
135	1028.00	1079.74	1079.74
140	993.23	1043.24	1043.24
145	949.93	997.80	997.80
150	898.43	943.74	943.74
155	839.24	881.62	881.62
160	773.17	812.28	812.28
165	701.36	736.92	736.92
170	625.33	657.16	657.16
175	547.10	575.10	575.10

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	469.23	493.44	493.44
185	394.92	415.55	415.55
190	328.22	345.70	345.70
195	274.01	288.99	288.99
200	237.22	250.56	250.56
205	220.20	232.80	232.80
210	219.72	232.29	232.29
215	228.16	241.10	241.10
220	237.96	251.33	251.33
225	244.01	257.64	257.64
230	243.60	257.21	257.21
235	235.75	249.02	249.02
240	220.61	233.23	233.23
245	199.11	210.82	210.82
250	172.63	183.28	183.28
255	142.90	152.48	152.48
260	111.88	120.57	120.57
265	81.88	90.16	90.16
270	56.09	64.85	64.85
275	40.15	50.14	50.14
280	39.78	49.81	49.81
285	48.92	58.09	58.09
290	58.14	66.81	66.81
295	63.31	71.81	71.81
300	62.98	71.48	71.48
305	56.68	65.41	65.41
310	44.49	54.03	54.03
315	26.99	39.24	45.41
320	7.53	28.27	45.05
325	23.97	37.02	45.68
330	52.58	61.52	61.58
335	82.70	90.98	90.98
340	112.44	121.14	121.14
345	139.98	149.46	149.46
350	163.51	173.82	173.82
355	181.32	192.31	192.31