

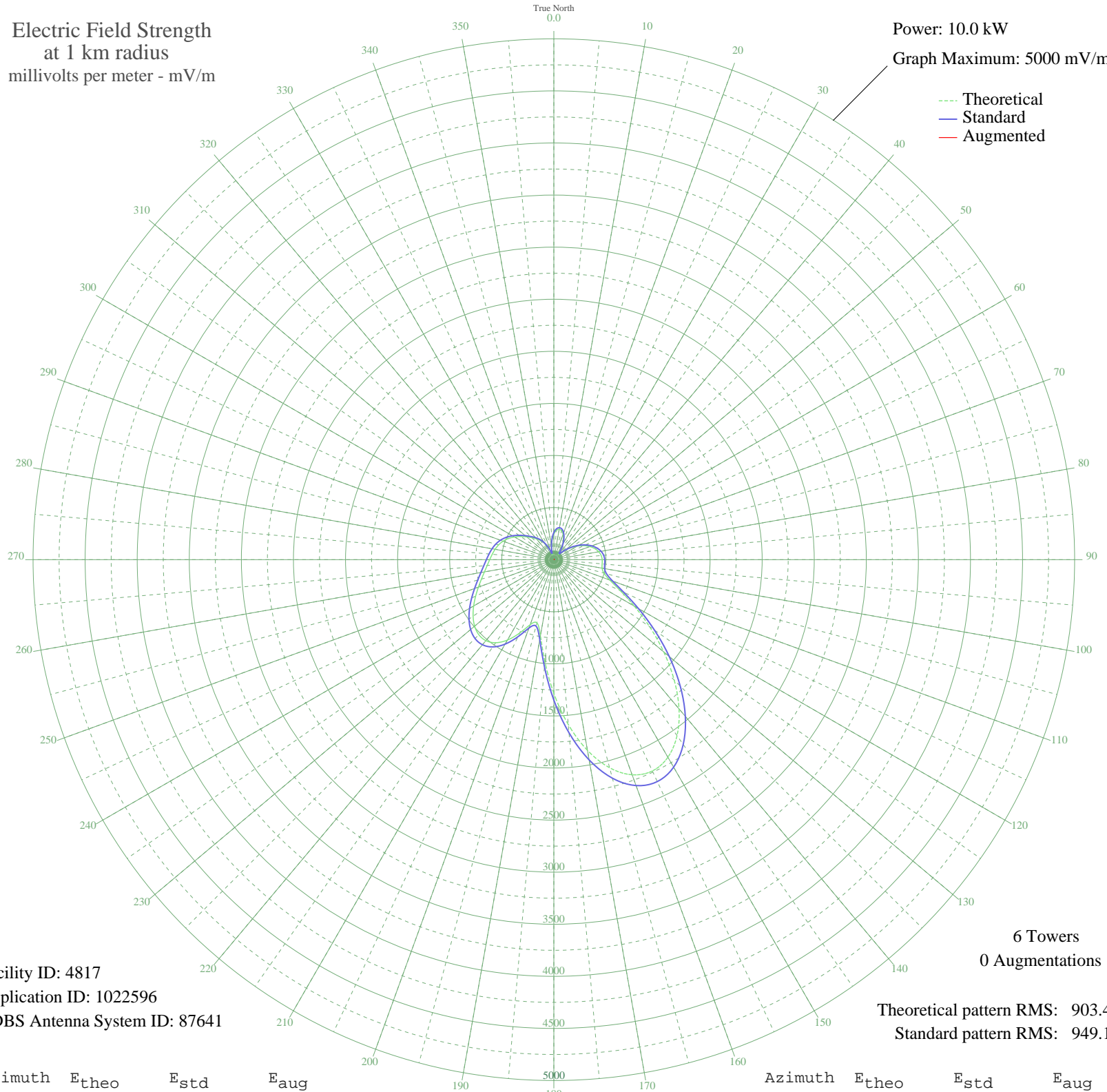
WJKB MONCKS CORNER, SC BL-20041020AEV 950 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 4817
Application ID: 1022596
CDBS Antenna System ID: 87641

6 Towers
0 Augmentations

Theoretical pattern RMS: 903.43
Standard pattern RMS: 949.19

Azimuth	E _{theo}	E _{std}	E _{aug}
0	245.36	259.75	
5	281.75	297.69	
10	295.45	311.99	
15	286.95	303.12	
20	259.16	274.14	
25	216.38	229.61	
30	163.62	174.98	
35	107.45	117.61	
40	64.93	75.83	
45	80.11	90.43	
50	135.99	146.60	
55	199.07	211.65	
60	260.70	275.74	
65	317.43	334.95	
70	367.00	386.77	
75	407.54	429.21	
80	437.58	460.66	
85	456.26	480.23	
90	464.22	488.56	
95	465.43	489.83	
100	470.29	494.92	
105	497.86	523.81	
110	571.10	600.58	
115	703.43	739.35	
120	891.92	937.10	
125	1122.78	1179.39	
130	1377.30	1446.55	
135	1634.03	1716.05	
140	1869.98	1963.76	
145	2062.25	2165.61	
150	2190.28	2300.03	
155	2238.31	2350.46	
160	2197.61	2307.72	
165	2068.04	2171.69	
170	1858.76	1951.98	
175	1588.14	1667.87	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	1283.57	1348.16	
185	983.03	1032.71	
190	740.93	778.69	
195	627.44	659.65	
200	664.32	698.32	
205	777.05	816.57	
210	891.05	936.19	
215	973.23	1022.43	
220	1014.92	1066.18	
225	1018.83	1070.28	
230	992.77	1042.94	
235	946.34	994.21	
240	888.90	933.93	
245	828.35	870.40	
250	770.59	809.80	
255	719.41	756.11	
260	676.67	711.28	
265	642.58	675.53	
270	615.84	647.49	
275	593.79	624.37	
280	572.77	602.33	
285	548.80	577.19	
290	518.57	545.51	
295	480.49	505.61	
300	435.46	458.44	
305	386.89	407.59	
310	339.73	358.26	
315	297.88	314.53	
320	261.23	276.30	
325	224.74	238.30	
330	181.41	193.35	
335	127.09	137.52	
340	66.80	77.60	
345	55.07	66.68	
350	119.70	130.00	
355	189.04	201.25	

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