

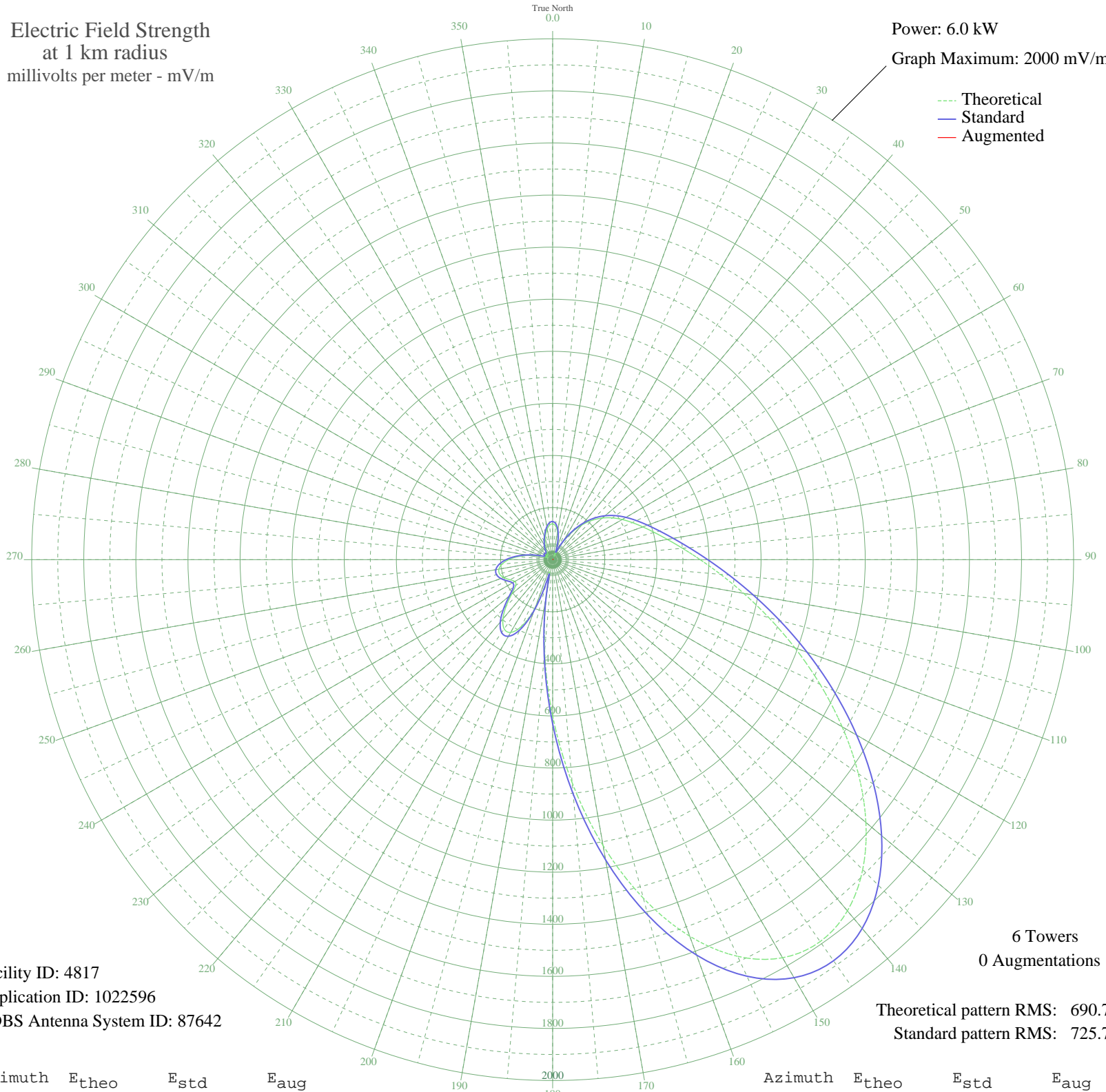
WJKB MONCKS CORNER, SC BL-20041020AEV 950 kHz

Nighttime

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

Power: 6.0 kW

Graph Maximum: 2000 mV/m



Facility ID: 4817  
Application ID: 1022596  
CDBS Antenna System ID: 87642

6 Towers  
0 Augmentations

Theoretical pattern RMS: 690.78  
Standard pattern RMS: 725.77

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	137.48	146.63	
5	129.44	138.33	
10	107.70	115.97	
15	73.35	81.20	
20	30.43	41.02	
25	26.66	38.02	
30	76.78	84.62	
35	126.86	135.67	
40	172.81	183.27	
45	213.31	225.45	
50	248.50	262.19	
55	279.55	294.65	
60	308.33	324.77	
65	337.07	354.86	
70	368.15	387.41	
75	404.04	425.02	
80	447.31	470.38	
85	500.57	526.23	
90	566.43	595.30	
95	647.19	680.03	
100	744.53	782.18	
105	859.02	902.34	
110	989.57	1039.36	
115	1132.93	1189.86	
120	1283.37	1347.79	
125	1432.54	1504.39	
130	1569.86	1648.55	
135	1683.25	1767.60	
140	1760.42	1848.62	
145	1790.38	1880.08	
150	1765.05	1853.48	
155	1680.66	1764.88	
160	1538.67	1615.81	
165	1346.02	1413.56	
170	1114.61	1170.62	
175	860.05	903.42	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	600.01	630.53	
185	352.37	370.88	
190	135.49	144.57	
195	70.44	78.31	
200	195.82	207.21	
205	281.71	296.92	
210	322.63	339.74	
215	324.46	341.65	
220	296.89	312.79	
225	252.30	266.16	
230	205.56	217.37	
235	173.47	183.95	
240	167.51	177.76	
245	181.69	192.50	
250	200.01	211.58	
255	210.98	223.02	
260	209.56	221.54	
265	194.86	206.22	
270	168.58	178.87	
275	134.08	143.11	
280	95.75	103.77	
285	58.71	66.80	
290	29.47	40.24	
295	20.27	33.38	
300	26.94	38.23	
305	29.70	40.42	
310	26.51	37.90	
315	23.72	35.81	
320	29.71	40.43	
325	42.08	51.12	
330	55.55	63.75	
335	69.21	77.09	
340	84.52	92.40	
345	102.09	110.24	
350	119.74	128.33	
355	133.10	142.10	

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