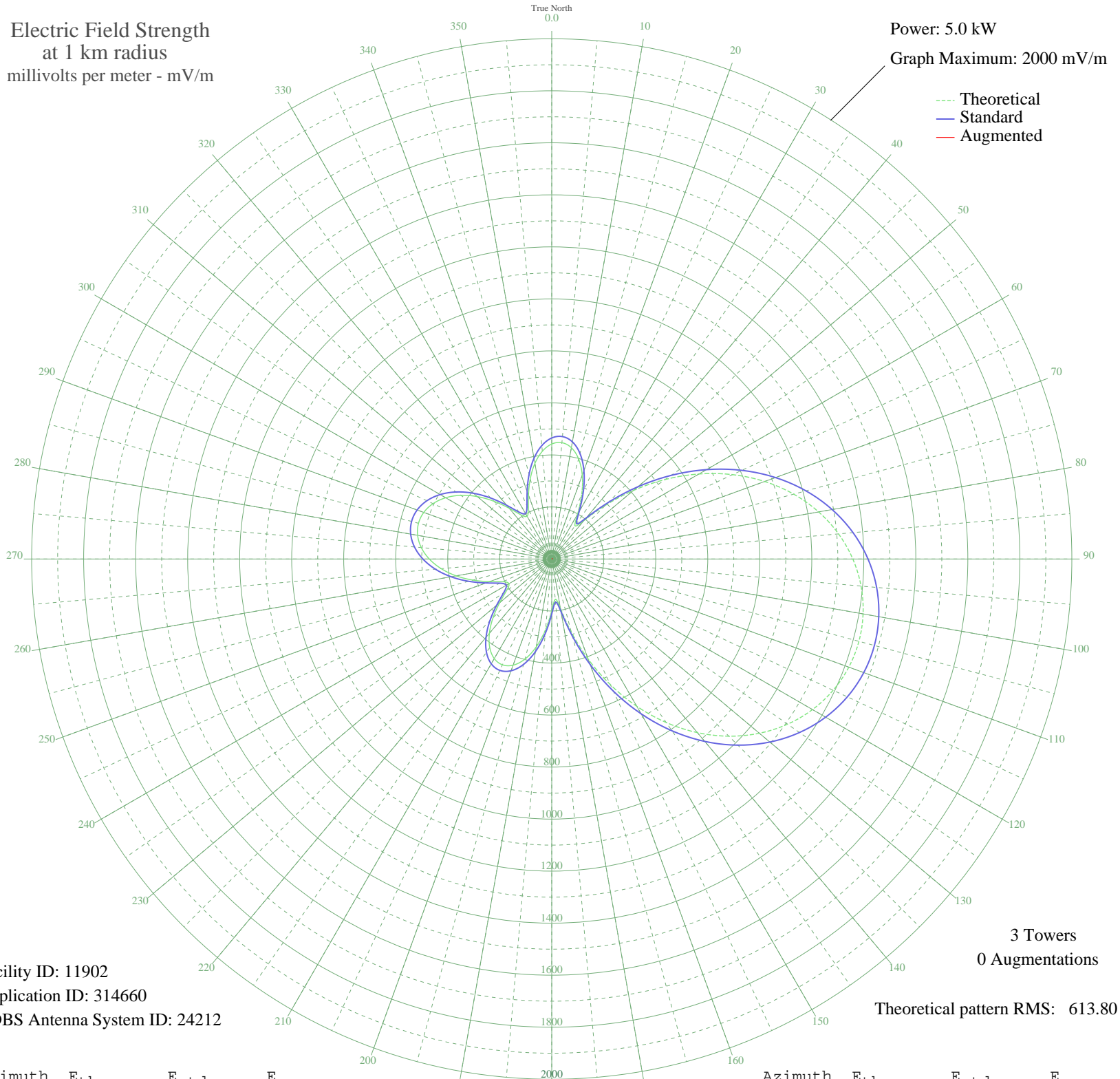


WVOC COLUMBIA, SC BL-11447 560 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 11902
Application ID: 314660
CDBS Antenna System ID: 24212

3 Towers
0 Augmentations

Theoretical pattern RMS: 613.80

Azimuth	E _{theo}	E _{std}	E _{aug}
0	442.04	465.30	
5	448.88	472.46	
10	434.46	457.36	
15	398.61	419.83	
20	343.04	361.69	
25	272.42	287.92	
30	198.53	211.02	
35	155.37	166.41	
40	193.30	205.60	
45	291.10	307.41	
50	409.65	431.38	
55	532.92	560.53	
60	653.62	687.08	
65	767.39	806.43	
70	871.30	915.45	
75	963.35	1012.04	
80	1042.24	1094.84	
85	1107.20	1163.03	
90	1157.85	1216.18	
95	1194.03	1254.16	
100	1215.71	1276.92	
105	1222.94	1284.50	
110	1215.71	1276.92	
115	1194.03	1254.16	
120	1157.85	1216.18	
125	1107.20	1163.03	
130	1042.24	1094.84	
135	963.35	1012.04	
140	871.30	915.45	
145	767.39	806.43	
150	653.62	687.08	
155	532.92	560.53	
160	409.65	431.38	
165	291.10	307.41	
170	193.30	205.60	
175	155.37	166.41	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	198.53	211.02	
185	272.42	287.92	
190	343.04	361.69	
195	398.61	419.83	
200	434.46	457.36	
205	448.88	472.46	
210	442.04	465.30	
215	415.68	437.70	
220	373.08	393.10	
225	319.18	336.74	
230	261.49	276.51	
235	212.24	225.25	
240	189.90	202.08	
245	207.34	220.17	
250	254.59	269.33	
255	313.71	331.03	
260	373.15	393.18	
265	426.69	449.23	
270	470.87	495.50	
275	503.61	529.81	
280	523.69	550.86	
285	530.45	557.94	
290	523.69	550.86	
295	503.61	529.81	
300	470.87	495.50	
305	426.69	449.23	
310	373.15	393.18	
315	313.71	331.03	
320	254.59	269.33	
325	207.34	220.17	
330	189.90	202.08	
335	212.24	225.25	
340	261.49	276.51	
345	319.18	336.74	
350	373.08	393.11	
355	415.69	437.70	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission