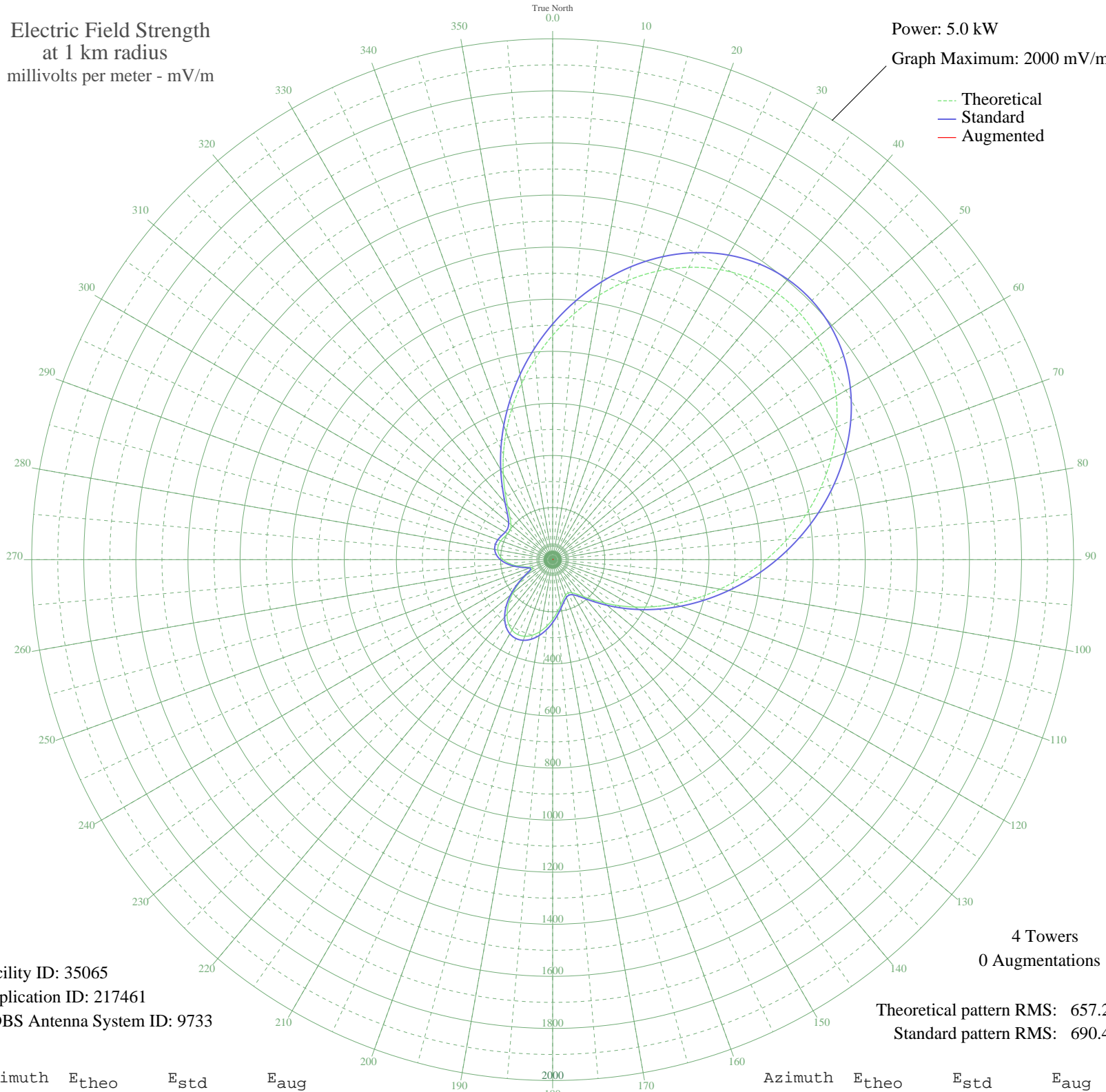


WQRT FLORENCE, KY BL-19951204AF 1160 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 35065
Application ID: 217461
CDBS Antenna System ID: 9733

4 Towers
0 Augmentations

Theoretical pattern RMS: 657.22
Standard pattern RMS: 690.48

Azimuth	E _{theo}	E _{std}	E _{aug}
0	861.50	904.88	
5	948.15	995.84	
10	1031.53	1083.36	
15	1109.32	1165.02	
20	1179.14	1238.32	
25	1238.73	1300.87	
30	1286.02	1350.53	
35	1319.36	1385.53	
40	1337.58	1404.66	
45	1340.09	1407.29	
50	1326.93	1393.48	
55	1298.74	1363.88	
60	1256.70	1319.75	
65	1202.43	1262.77	
70	1137.86	1194.98	
75	1065.12	1118.62	
80	986.39	1035.97	
85	903.81	949.29	
90	819.39	860.68	
95	734.99	772.10	
100	652.24	685.25	
105	572.59	601.67	
110	497.28	522.67	
115	427.38	449.37	
120	363.81	382.72	
125	307.29	323.51	
130	258.42	272.36	
135	217.61	229.69	
140	185.16	195.83	
145	161.35	171.04	
150	146.52	155.63	
155	141.06	149.96	
160	145.03	154.08	
165	157.67	167.21	
170	177.38	187.73	
175	201.98	213.38	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	229.04	241.64	
185	256.05	269.88	
190	280.55	295.51	
195	300.20	316.09	
200	312.98	329.47	
205	317.27	333.96	
210	312.01	328.45	
215	296.85	312.57	
220	272.14	286.71	
225	239.06	252.11	
230	199.65	210.95	
235	157.10	166.61	
240	116.66	124.72	
245	88.41	95.75	
250	86.32	93.62	
255	108.23	116.04	
260	138.22	147.02	
265	166.68	176.58	
270	189.62	200.48	
275	205.47	217.02	
280	213.91	225.83	
285	215.54	227.53	
290	211.82	223.65	
295	205.23	216.76	
300	199.37	210.65	
305	198.97	210.23	
310	208.88	220.57	
315	232.26	245.00	
320	269.51	283.96	
325	319.09	335.86	
330	378.90	398.54	
335	447.07	470.01	
340	522.03	548.64	
345	602.40	632.96	
350	686.80	721.52	
355	773.74	812.76	

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