

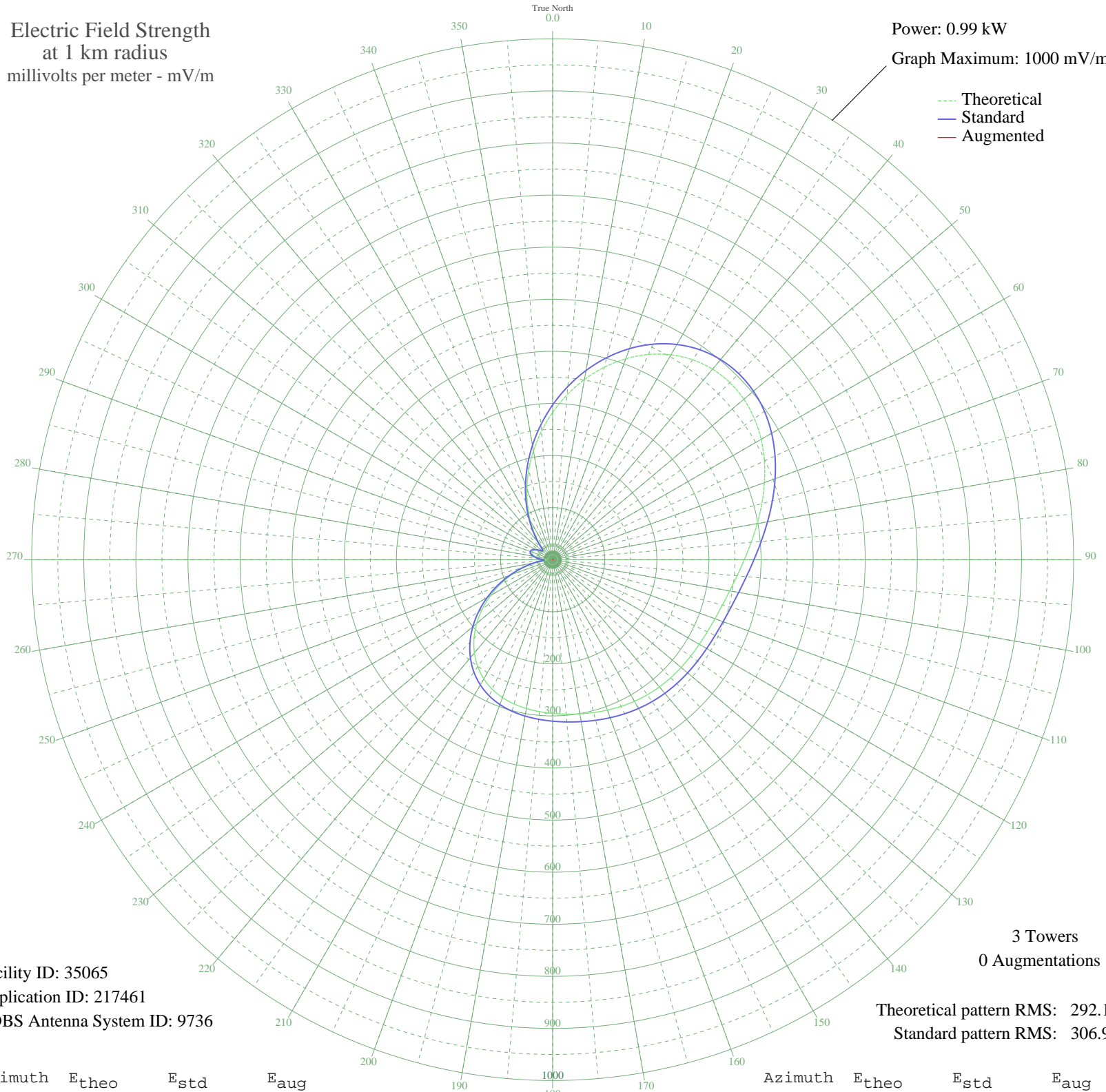
WQRT FLORENCE, KY BL-19951204AF 1160 kHz

Nighttime

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

Power: 0.99 kW
Graph Maximum: 1000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 35065
Application ID: 217461
CDBS Antenna System ID: 9736

3 Towers
0 Augmentations

Theoretical pattern RMS: 292.11
Standard pattern RMS: 306.90

Azimuth	E _{theo}	E _{std}	E _{aug}
0	282.72	297.04	
5	317.61	333.66	
10	351.12	368.82	
15	382.36	401.62	
20	410.47	431.12	
25	434.63	456.48	
30	454.15	476.98	
35	468.52	492.06	
40	477.45	501.43	
45	480.91	505.06	
50	479.13	503.20	
55	472.61	496.36	
60	462.08	485.29	
65	448.41	470.94	
70	432.60	454.35	
75	415.71	436.62	
80	398.72	418.79	
85	382.55	401.82	
90	367.92	386.46	
95	355.35	373.26	
100	345.10	362.51	
105	337.20	354.22	
110	331.46	348.19	
115	327.52	344.06	
120	324.93	341.34	
125	323.20	339.52	
130	321.86	338.11	
135	320.50	336.69	
140	318.83	334.94	
145	316.67	332.67	
150	313.97	329.84	
155	310.80	326.51	
160	307.35	322.89	
165	303.86	319.23	
170	300.58	315.78	
175	297.67	312.73	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	295.14	310.08	
185	292.80	307.62	
190	290.22	304.91	
195	286.78	301.30	
200	281.76	296.03	
205	274.44	288.36	
210	264.23	277.64	
215	250.72	263.46	
220	233.74	245.65	
225	213.44	224.36	
230	190.20	199.99	
235	164.66	173.21	
240	137.61	144.88	
245	109.99	115.97	
250	82.77	87.54	
255	56.95	60.71	
260	33.65	36.86	
265	15.36	19.25	
270	13.80	17.90	
275	24.88	28.15	
280	34.42	37.64	
285	40.41	43.71	
290	42.55	45.89	
295	40.93	44.24	
300	35.95	39.18	
305	28.63	31.84	
310	22.28	25.65	
315	25.00	28.27	
320	39.44	42.72	
325	60.58	64.46	
330	85.81	90.71	
335	114.12	120.29	
340	144.94	152.55	
345	177.77	186.95	
350	212.08	222.93	
355	247.29	259.87	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission