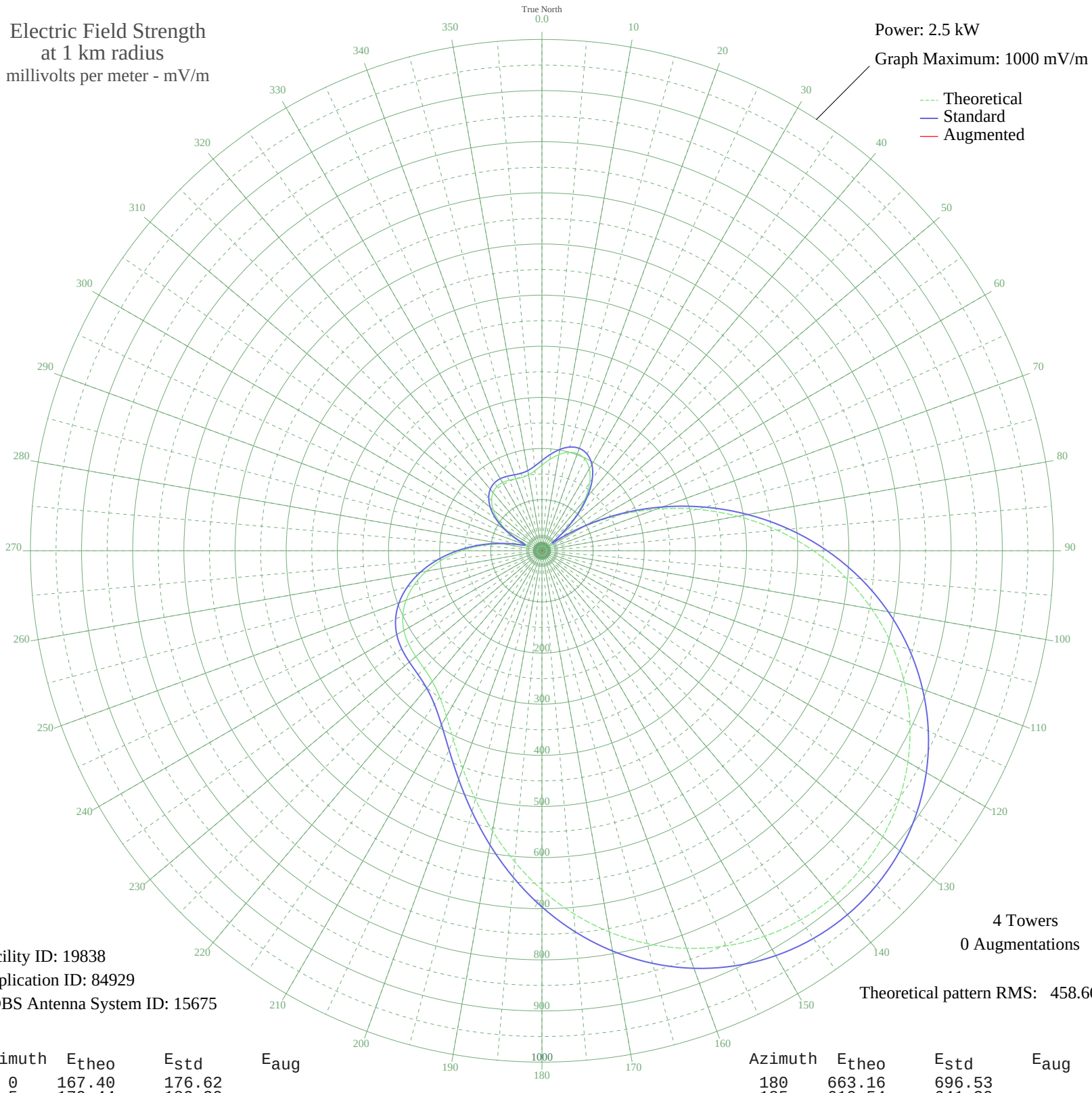
WCHV CHARLOTTESVILLE, VA BL-19860114AA 1260 kHz

Nighttime

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



Power: 2.5 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 19838
Application ID: 84929
CDBS Antenna System ID: 15675

Theoretical pattern RMS: 458.66

Azimuth	E_{theo}	E_{std}	E_{aug}
0	167.40	176.62	
5	179.44	189.20	
10	190.92	201.21	
15	199.32	210.00	
20	202.36	213.18	
25	198.12	208.75	
30	185.19	195.22	
35	162.66	171.66	
40	130.21	137.81	
45	88.21	94.21	
50	38.78	44.23	
55	30.49	36.37	
60	93.24	99.41	
65	163.95	173.01	
70	238.13	250.64	
75	313.66	329.79	
80	388.67	408.47	
85	461.55	484.93	
90	530.90	557.71	
95	595.58	625.60	
100	654.74	687.69	
105	707.72	743.31	
110	754.11	792.01	
115	793.64	833.50	
120	826.14	867.62	
125	851.54	894.28	
130	869.78	913.43	
135	880.84	925.04	
140	884.67	929.07	
145	881.25	925.47	
150	870.54	914.23	
155	852.56	895.36	
160	827.42	868.97	
165	795.35	835.30	
170	756.77	794.80	
175	712.37	748.19	
180	663.16	696.53	
185	610.54	641.30	
190	556.35	584.43	
195	502.88	528.30	
200	452.78	475.73	
205	408.89	429.69	
210	373.73	392.80	
215	348.73	366.58	
220	333.52	350.62	
225	325.76	342.49	
230	321.91	338.45	
235	318.24	334.60	
240	311.69	327.73	
245	300.17	315.65	
250	282.61	297.24	
255	258.80	272.29	
260	229.21	241.29	
265	194.80	205.26	
270	156.90	165.65	
275	117.15	124.22	
280	77.63	83.32	
285	42.42	47.78	
290	29.23	35.22	
295	51.14	56.40	
300	79.06	84.79	
305	104.04	110.60	
310	124.26	131.61	
315	139.15	147.12	
320	148.71	157.10	
325	153.39	161.98	
330	154.09	162.71	
335	152.21	160.75	
340	149.64	158.06	
345	148.53	156.91	
350	150.76	159.24	
355	157.24	166.01	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission