

# WCHV CHARLOTTESVILLE, VA BL-19860114AA 1260 kHz

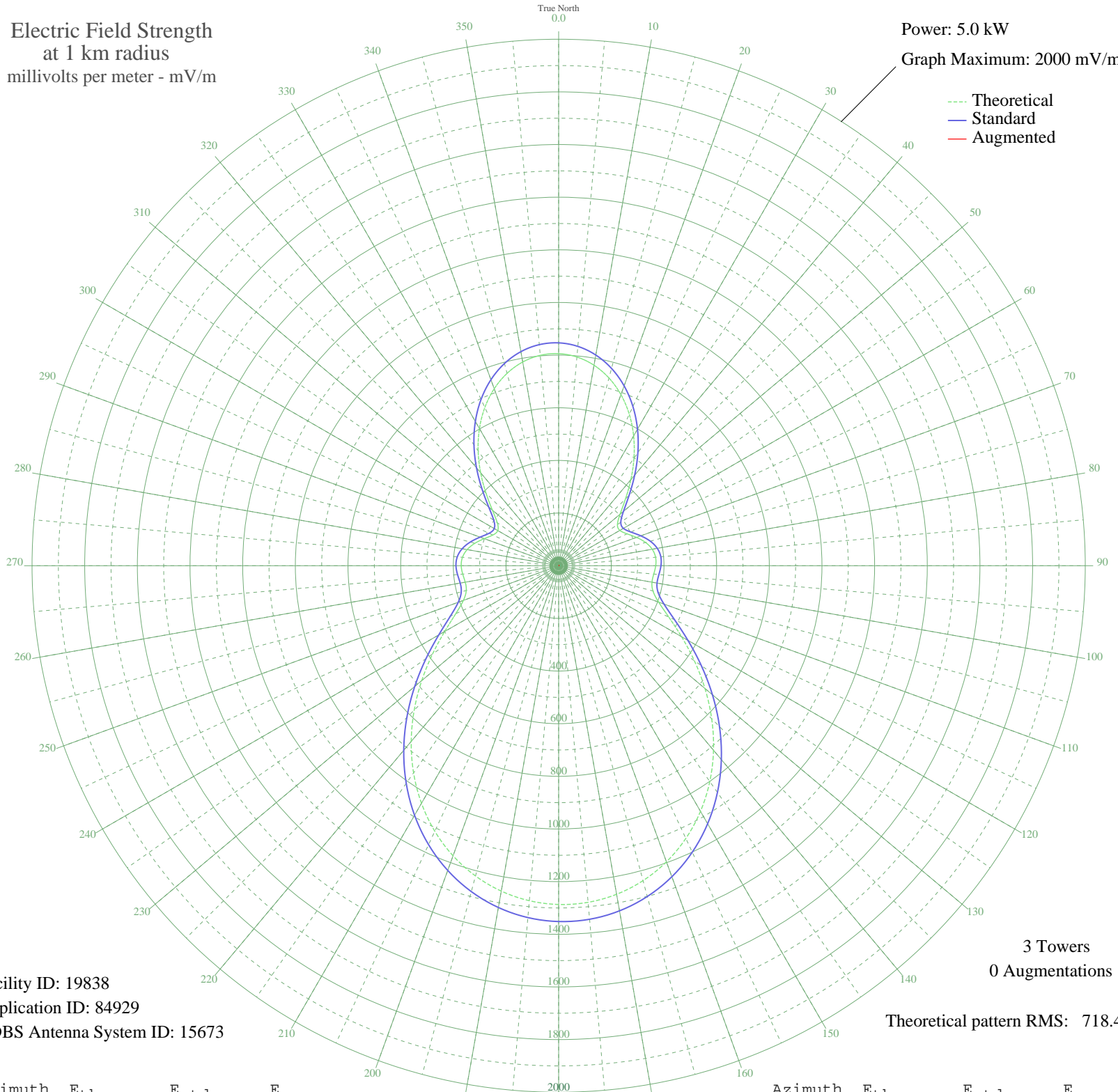
Daytime

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

Power: 5.0 kW

Graph Maximum: 2000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 19838  
Application ID: 84929  
CDBS Antenna System ID: 15673

3 Towers  
0 Augmentations

Theoretical pattern RMS: 718.43

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	805.68	846.65	
5	795.99	836.48	
10	773.38	812.76	
15	738.33	776.00	
20	691.69	727.07	
25	634.76	667.37	
30	569.49	598.93	
35	498.71	524.74	
40	426.54	449.16	
45	358.98	378.46	
50	304.42	321.44	
55	272.49	288.13	
60	268.38	283.85	
65	286.54	302.78	
70	314.62	332.09	
75	341.63	360.32	
80	360.84	380.41	
85	369.54	389.51	
90	368.62	388.54	
95	362.63	382.28	
100	359.86	379.38	
105	370.84	390.86	
110	404.07	425.64	
115	461.55	485.82	
120	538.89	566.86	
125	629.09	661.42	
130	725.34	762.37	
135	822.06	863.84	
140	914.94	961.29	
145	1000.78	1051.37	
150	1077.32	1131.70	
155	1143.02	1200.66	
160	1196.92	1257.23	
165	1238.46	1300.82	
170	1267.35	1331.15	
175	1283.48	1348.09	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1286.82	1351.58	
185	1277.34	1341.64	
190	1255.07	1318.26	
195	1220.09	1281.54	
200	1172.57	1231.66	
205	1112.91	1169.05	
210	1041.86	1094.48	
215	960.62	1009.22	
220	871.07	915.25	
225	775.88	815.39	
230	678.77	713.52	
235	584.64	614.82	
240	499.71	525.80	
245	431.10	453.93	
250	385.04	405.72	
255	363.20	382.88	
260	360.14	379.67	
265	365.69	385.48	
270	370.06	390.05	
275	366.71	386.54	
280	352.85	372.05	
285	329.32	347.45	
290	300.69	317.55	
295	275.78	291.56	
300	266.97	282.38	
305	284.46	300.61	
310	328.37	346.46	
315	390.36	411.29	
320	461.03	485.27	
325	533.14	560.83	
330	601.70	632.70	
335	663.27	697.26	
340	715.46	752.00	
345	756.66	795.22	
350	785.82	825.81	
355	802.27	843.07	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission