

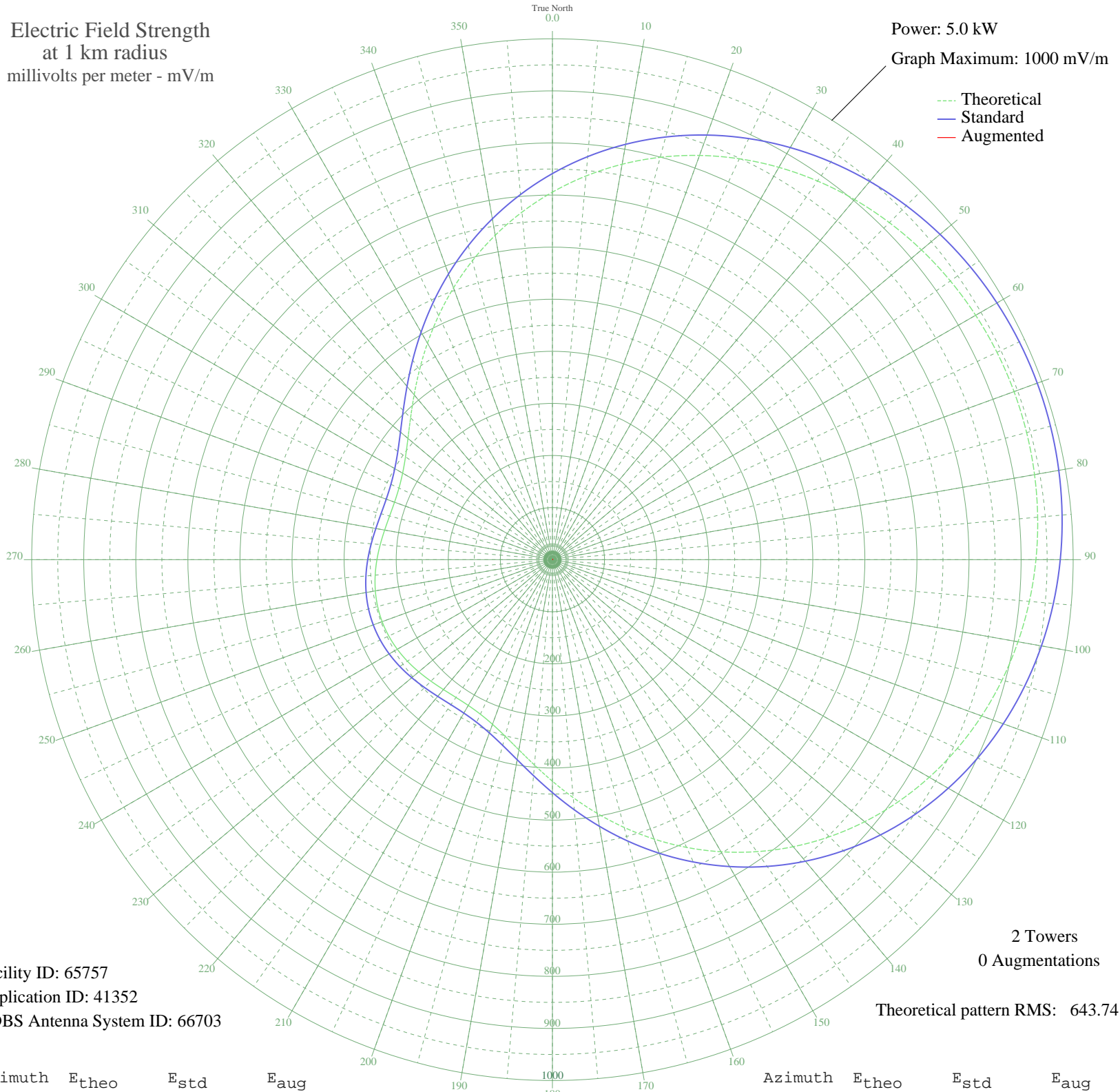
WMTC VANCLEVE, KY BL-19820405AD 730 kHz

Daytime

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

Power: 5.0 kW

Graph Maximum: 1000 mV/m



Facility ID: 65757
Application ID: 41352
CDBS Antenna System ID: 66703

2 Towers
0 Augmentations

Theoretical pattern RMS: 643.74

Azimuth	E _{theo}	E _{std}	E _{aug}
0	705.63	741.28	
5	739.43	776.76	
10	770.89	809.78	
15	799.77	840.09	
20	825.91	867.53	
25	849.24	892.01	
30	869.76	913.55	
35	887.50	932.18	
40	902.58	948.00	
45	915.09	961.13	
50	925.16	971.70	
55	932.93	979.85	
60	938.49	985.70	
65	941.96	989.33	
70	943.37	990.82	
75	942.77	990.18	
80	940.13	987.41	
85	935.41	982.46	
90	928.54	975.25	
95	919.40	965.66	
100	907.88	953.56	
105	893.85	938.83	
110	877.18	921.34	
115	857.78	900.98	
120	835.58	877.68	
125	810.56	851.41	
130	782.77	822.24	
135	752.31	790.28	
140	719.41	755.75	
145	684.36	718.96	
150	647.56	680.34	
155	609.51	640.42	
160	570.84	599.84	
165	532.24	559.35	
170	494.54	519.79	
175	458.60	482.11	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	425.39	447.27	
185	395.82	416.27	
190	370.75	390.00	
195	350.84	369.13	
200	336.42	354.02	
205	327.37	344.54	
210	323.18	340.15	
215	322.94	339.90	
220	325.56	342.64	
225	329.92	347.21	
230	334.98	352.52	
235	339.90	357.66	
240	343.98	361.95	
245	346.77	364.87	
250	347.97	366.12	
255	347.45	365.58	
260	345.28	363.30	
265	341.66	359.51	
270	337.01	354.64	
275	331.91	349.30	
280	327.15	344.31	
285	323.71	340.70	
290	322.67	339.61	
295	325.16	342.22	
300	332.17	349.57	
305	344.41	362.39	
310	362.14	380.98	
315	385.21	405.15	
320	413.07	434.36	
325	444.94	467.78	
330	479.90	504.44	
335	517.01	543.36	
340	555.35	583.59	
345	594.08	624.23	
350	632.46	664.50	
355	669.82	703.71	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission