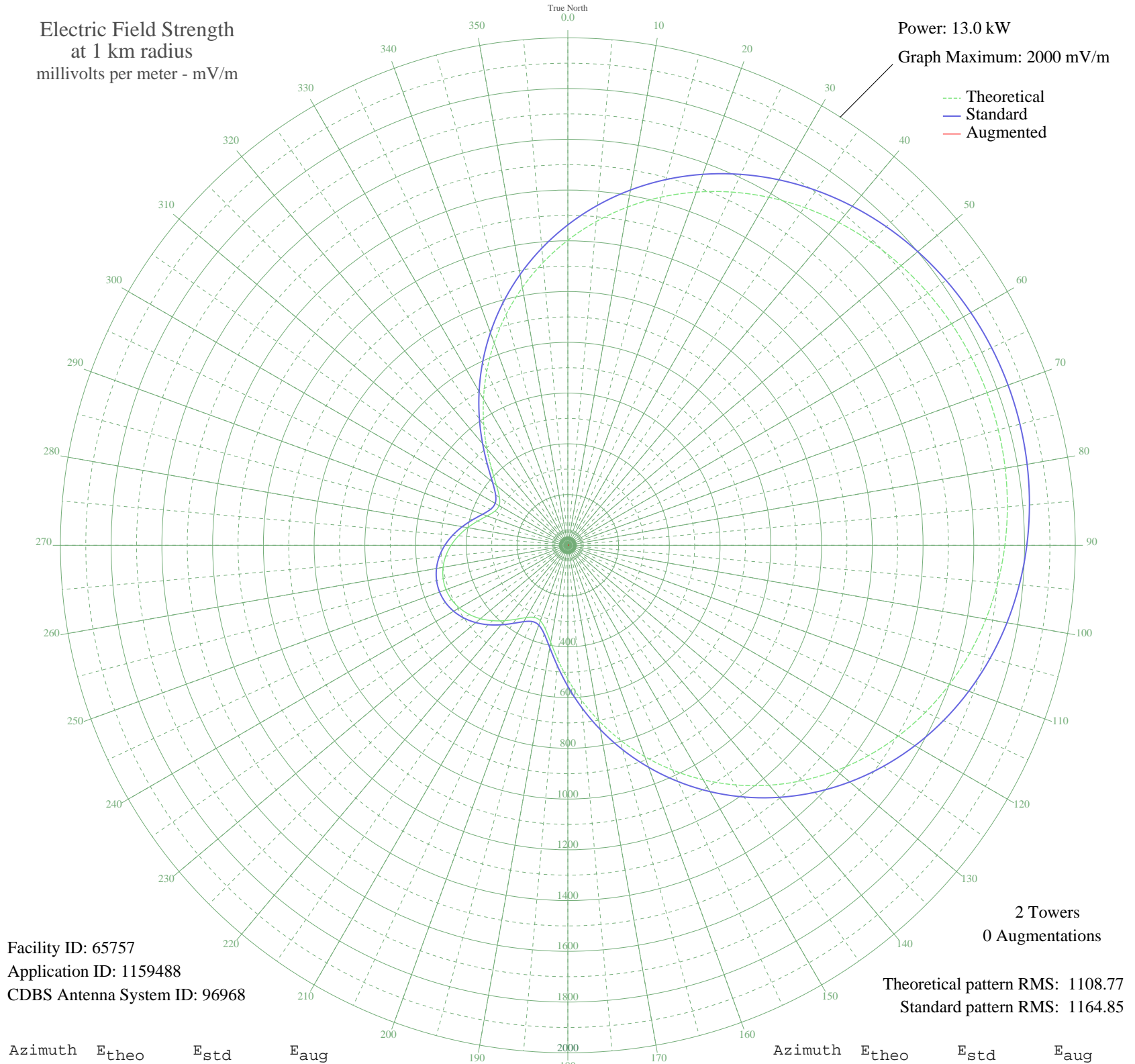


# WMTC VANCLEVE, KY BP-20061129AAT 730 kHz

Daytime

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

Power: 13.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 65757  
Application ID: 1159488  
CDBS Antenna System ID: 96968

Theoretical pattern RMS: 1108.77  
Standard pattern RMS: 1164.85

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1202.16	1262.86	
5	1280.62	1345.21	
10	1353.58	1421.78	
15	1420.58	1492.10	
20	1481.33	1555.88	
25	1535.70	1612.95	
30	1583.68	1663.31	
35	1625.36	1707.06	
40	1660.90	1744.37	
45	1690.53	1775.48	
50	1714.50	1800.64	
55	1733.05	1820.11	
60	1746.39	1834.12	
65	1754.71	1842.85	
70	1758.11	1846.42	
75	1756.66	1844.89	
80	1750.32	1838.24	
85	1739.00	1826.36	
90	1722.56	1809.10	
95	1700.79	1786.24	
100	1673.45	1757.54	
105	1640.30	1722.74	
110	1601.10	1681.60	
115	1555.66	1633.90	
120	1503.85	1579.51	
125	1445.64	1518.41	
130	1381.11	1450.68	
135	1310.49	1376.56	
140	1234.17	1296.45	
145	1152.70	1210.95	
150	1066.83	1120.83	
155	977.49	1027.09	
160	885.83	930.92	
165	793.21	833.76	
170	701.27	737.34	
175	611.99	643.74	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	527.81	555.54	
185	451.90	476.06	
190	388.30	409.53	
195	341.79	360.94	
200	316.57	334.62	
205	313.56	331.49	
210	328.85	347.43	
215	355.69	375.46	
220	387.66	408.86	
225	420.02	442.71	
230	449.66	473.72	
235	474.59	499.81	
240	493.55	519.66	
245	505.80	532.49	
250	510.91	537.83	
255	508.71	535.54	
260	499.29	525.67	
265	482.94	508.55	
270	460.28	484.83	
275	432.34	455.59	
280	400.76	422.56	
285	368.16	388.49	
290	338.59	357.60	
295	317.83	335.94	
300	312.82	330.71	
305	328.99	347.58	
310	367.37	387.66	
315	424.73	447.63	
320	496.26	522.49	
325	577.55	607.65	
330	665.11	699.43	
335	756.25	795.00	
340	848.81	892.09	
345	941.03	988.84	
350	1031.45	1083.71	
355	1118.83	1175.41	

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