

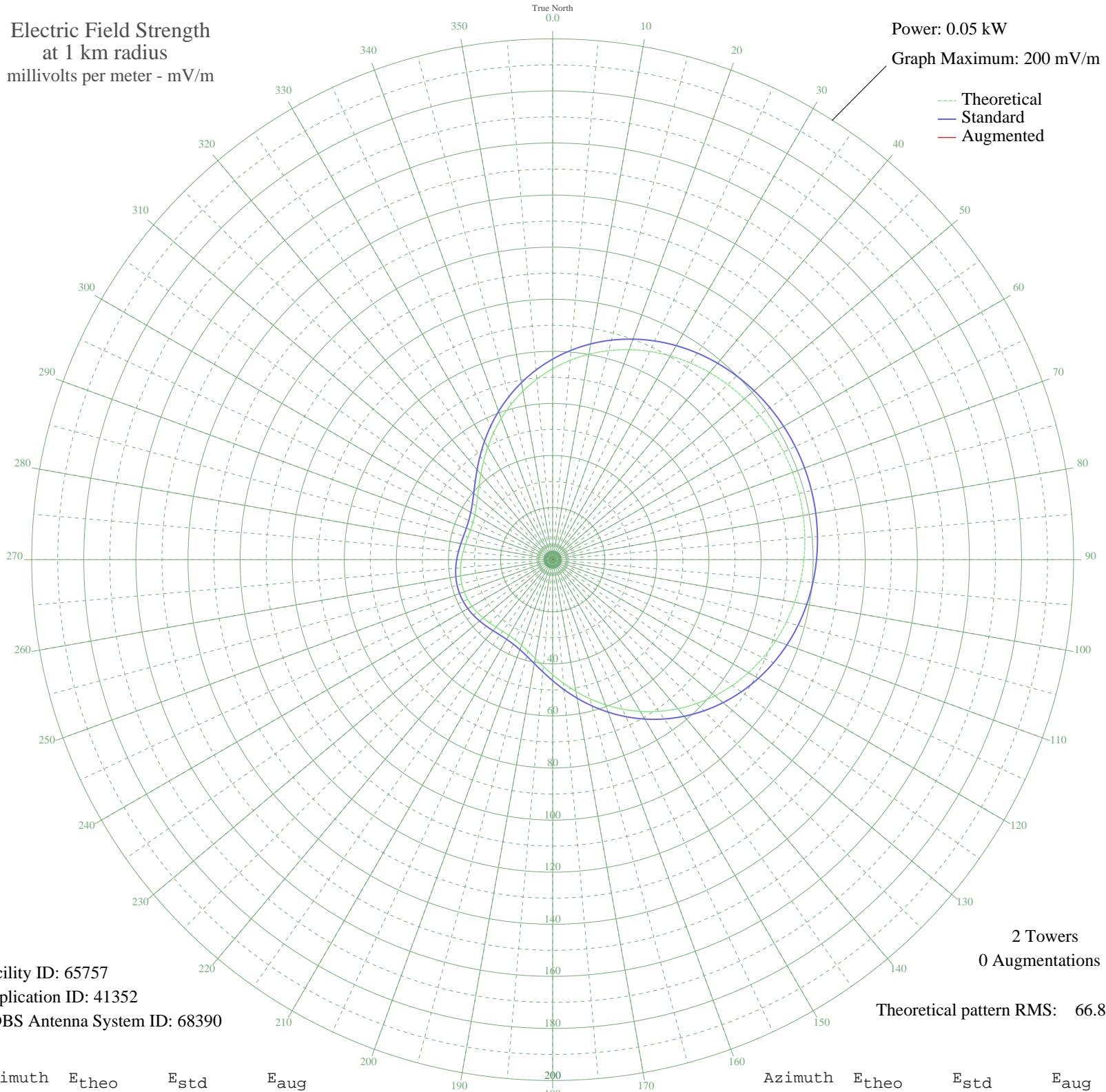
WMTC VANCLEVE, KY BL-19820405AD 730 kHz

Nighttime

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

Power: 0.05 kW  
Graph Maximum: 200 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 65757  
Application ID: 41352  
CDBS Antenna System ID: 68390

2 Towers  
0 Augmentations

Theoretical pattern RMS: 66.87

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	73.30	77.00	
5	76.81	80.69	
10	80.08	84.12	
15	83.08	87.26	
20	85.79	90.11	
25	88.22	92.66	
30	90.35	94.89	
35	92.19	96.83	
40	93.76	98.47	
45	95.06	99.84	
50	96.10	100.94	
55	96.91	101.78	
60	97.49	102.39	
65	97.85	102.77	
70	98.00	102.92	
75	97.93	102.86	
80	97.66	102.57	
85	97.17	102.05	
90	96.45	101.30	
95	95.50	100.31	
100	94.31	99.05	
105	92.85	97.52	
110	91.12	95.70	
115	89.10	93.59	
120	86.80	91.17	
125	84.20	88.44	
130	81.31	85.41	
135	78.15	82.09	
140	74.73	78.50	
145	71.09	74.68	
150	67.27	70.67	
155	63.31	66.52	
160	59.30	62.31	
165	55.29	58.10	
170	51.37	53.99	
175	47.64	50.08	

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	44.19	46.46	
185	41.12	43.24	
190	38.51	40.51	
195	36.44	38.34	
200	34.95	36.77	
205	34.01	35.78	
210	33.57	35.33	
215	33.55	35.30	
220	33.82	35.59	
225	34.27	36.06	
230	34.80	36.61	
235	35.31	37.15	
240	35.73	37.59	
245	36.02	37.90	
250	36.15	38.03	
255	36.09	37.97	
260	35.87	37.73	
265	35.49	37.34	
270	35.01	36.83	
275	34.48	36.28	
280	33.98	35.76	
285	33.63	35.38	
290	33.52	35.27	
295	33.78	35.54	
300	34.51	36.31	
305	35.78	37.64	
310	37.62	39.57	
315	40.01	42.08	
320	42.91	45.12	
325	46.22	48.59	
330	49.85	52.40	
335	53.71	56.44	
340	57.69	60.62	
345	61.71	64.84	
350	65.70	69.02	
355	69.58	73.10	