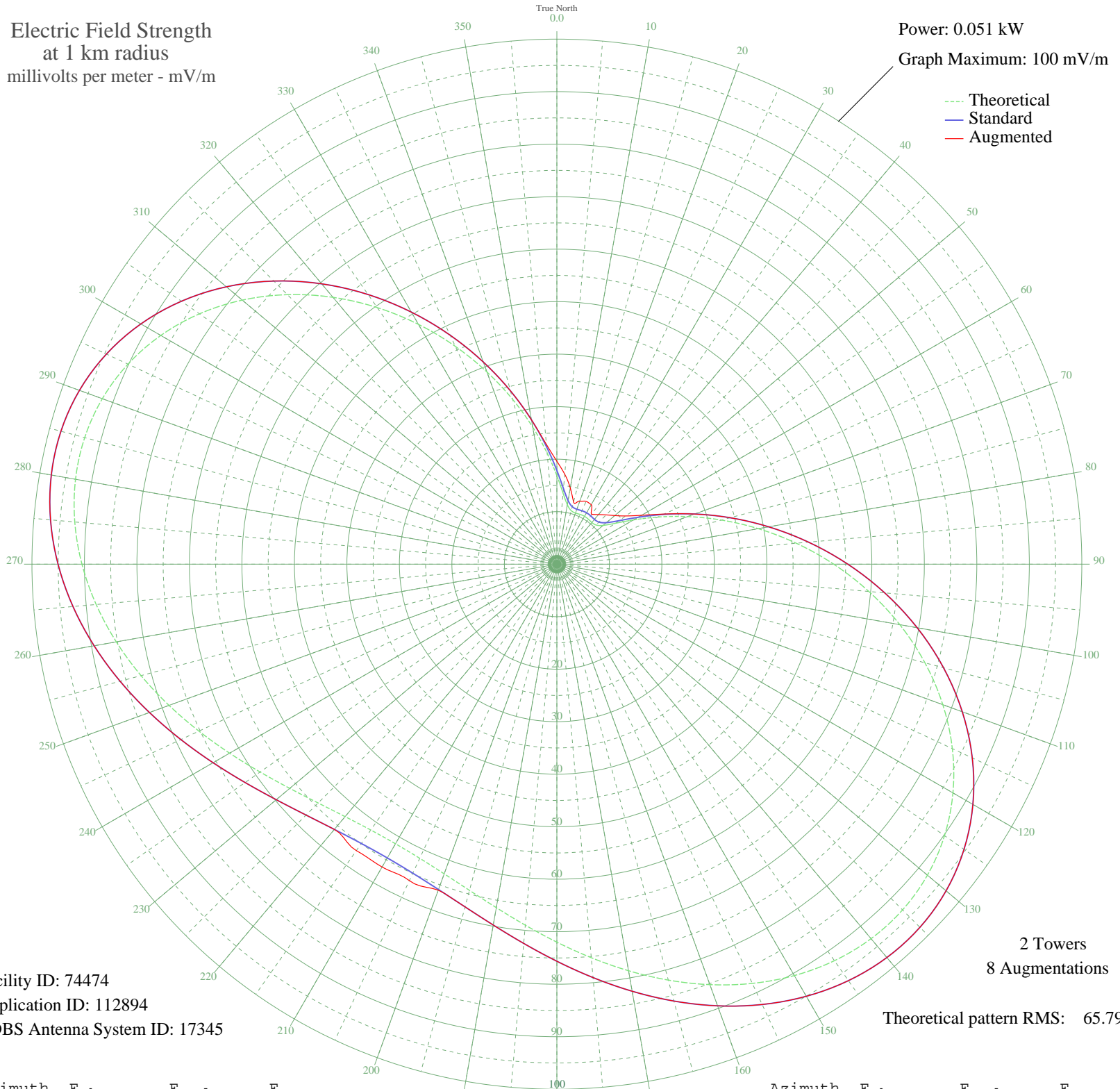


# WMVO MOUNT VERNON, OH BL-19880526AC 1300 kHz

Nighttime

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

Power: 0.051 kW  
Graph Maximum: 100 mV/m



Facility ID: 74474  
Application ID: 112894  
CDBS Antenna System ID: 17345

2 Towers  
8 Augmentations  
Theoretical pattern RMS: 65.79

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	16.85	17.85	19.60
5	13.56	14.44	17.20
10	11.49	12.30	14.72
15	10.55	11.33	12.26
20	10.36	11.13	12.80
25	10.46	11.23	13.20
30	10.53	11.30	13.10
35	10.46	11.23	11.59
40	10.36	11.13	12.33
45	10.55	11.33	13.28
50	11.49	12.30	14.40
55	13.56	14.44	16.01
60	16.85	17.85	18.62
65	21.23	22.42	22.60
70	26.50	27.93	27.93
75	32.47	34.18	34.18
80	38.96	40.97	40.97
85	45.78	48.12	48.12
90	52.74	55.43	55.43
95	59.66	62.69	62.69
100	66.34	69.70	69.70
105	72.59	76.26	76.26
110	78.24	82.19	82.19
115	83.13	87.31	87.31
120	87.12	91.51	91.51
125	90.15	94.69	94.69
130	92.15	96.79	96.79
135	93.12	97.81	97.81
140	93.11	97.80	97.80
145	92.19	96.83	96.83
150	90.47	95.03	95.03
155	88.10	92.53	92.53
160	85.22	89.51	89.51
165	82.01	86.14	86.14
170	78.63	82.59	82.59
175	75.24	79.03	79.03

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	71.99	75.63	75.63
185	69.01	72.50	72.50
190	66.43	69.79	69.79
195	64.32	67.58	67.58
200	62.76	65.94	66.07
205	61.81	64.94	66.50
210	61.49	64.60	66.60
215	61.81	64.94	66.60
220	62.76	65.94	65.94
225	64.32	67.58	67.58
230	66.43	69.79	69.79
235	69.01	72.50	72.50
240	71.99	75.63	75.63
245	75.24	79.03	79.03
250	78.63	82.59	82.59
255	82.01	86.14	86.14
260	85.22	89.51	89.51
265	88.10	92.53	92.53
270	90.47	95.03	95.03
275	92.19	96.83	96.83
280	93.11	97.80	97.80
285	93.12	97.81	97.81
290	92.15	96.79	96.79
295	90.15	94.69	94.69
300	87.12	91.51	91.51
305	83.13	87.31	87.31
310	78.24	82.19	82.19
315	72.59	76.26	76.26
320	66.34	69.70	69.70
325	59.66	62.69	62.69
330	52.74	55.43	55.43
335	45.78	48.12	48.12
340	38.96	40.97	40.97
345	32.47	34.18	34.18
350	26.50	27.93	27.93
355	21.23	22.42	22.90