

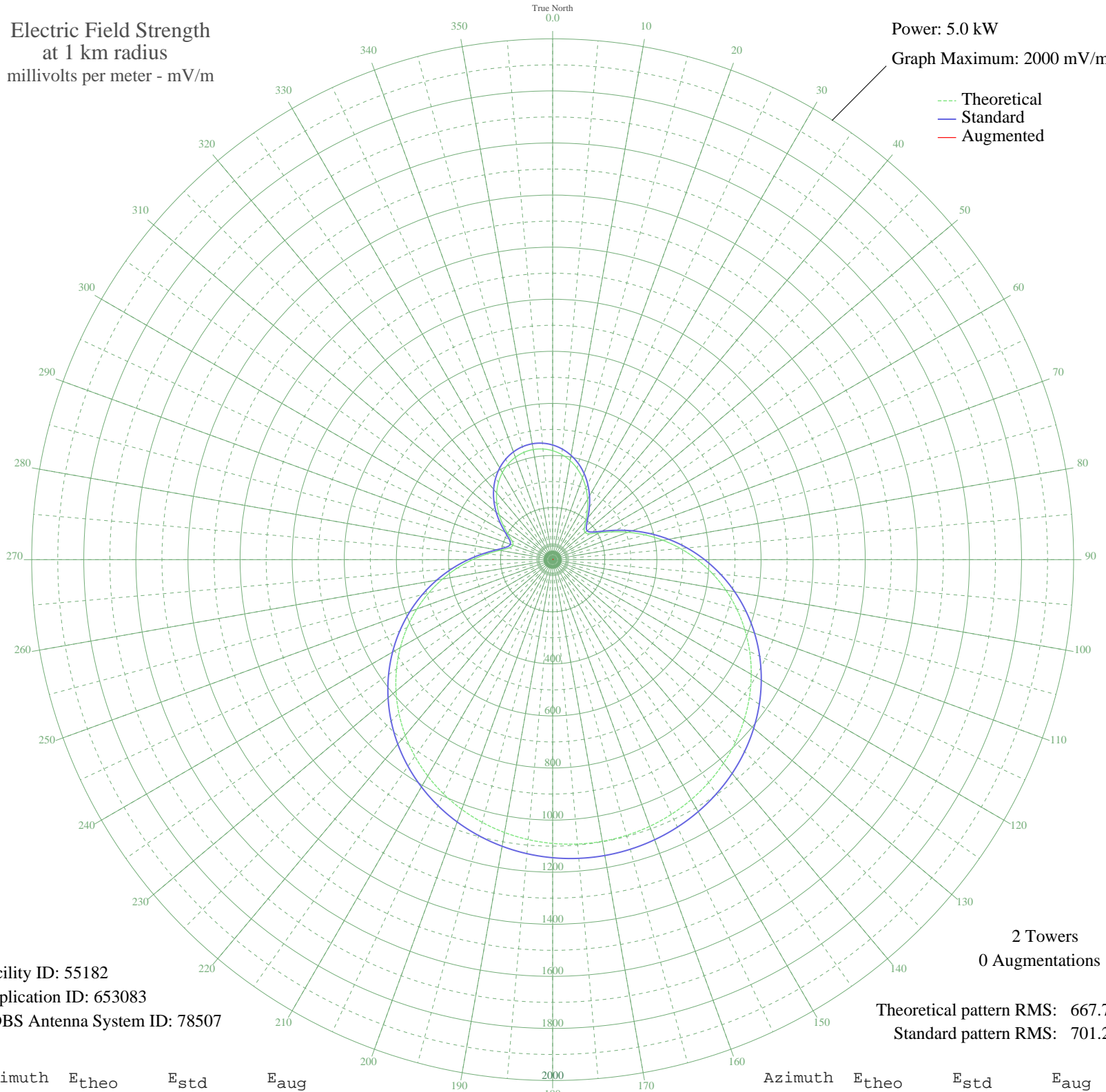
# WLTP MARIETTA, OH BL-20030228ATV 910 kHz

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: 55182  
Application ID: 653083  
CDBS Antenna System ID: 78507

2 Towers  
0 Augmentations

Theoretical pattern RMS: 667.75  
Standard pattern RMS: 701.26

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	418.46	440.33	
5	404.93	426.16	
10	386.23	406.56	
15	362.62	381.84	
20	334.53	352.44	
25	302.62	319.06	
30	267.93	282.80	
35	232.24	245.55	
40	198.64	210.56	
45	172.61	183.52	
50	162.15	172.68	
55	173.68	184.63	
60	205.92	218.13	
65	252.44	266.62	
70	307.45	324.11	
75	367.22	386.66	
80	429.38	451.77	
85	492.33	517.75	
90	554.89	583.35	
95	616.13	647.58	
100	675.29	709.64	
105	731.75	768.88	
110	785.01	824.76	
115	834.65	876.85	
120	880.36	924.83	
125	921.92	968.44	
130	959.16	1007.53	
135	992.00	1042.00	
140	1020.38	1071.79	
145	1044.32	1096.91	
150	1063.82	1117.38	
155	1078.93	1133.24	
160	1089.68	1144.53	
165	1096.12	1151.29	
170	1098.26	1153.53	
175	1096.12	1151.29	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1089.68	1144.53	
185	1078.93	1133.24	
190	1063.82	1117.38	
195	1044.32	1096.91	
200	1020.38	1071.79	
205	992.00	1042.00	
210	959.16	1007.53	
215	921.92	968.44	
220	880.36	924.83	
225	834.65	876.85	
230	785.01	824.76	
235	731.75	768.88	
240	675.29	709.64	
245	616.13	647.58	
250	554.89	583.35	
255	492.33	517.75	
260	429.38	451.77	
265	367.22	386.66	
270	307.45	324.11	
275	252.44	266.62	
280	205.92	218.13	
285	173.68	184.63	
290	162.15	172.68	
295	172.61	183.52	
300	198.64	210.56	
305	232.24	245.55	
310	267.93	282.80	
315	302.62	319.06	
320	334.53	352.44	
325	362.62	381.84	
330	386.23	406.56	
335	404.93	426.16	
340	418.46	440.33	
345	426.64	448.90	
350	429.38	451.77	
355	426.64	448.90	

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