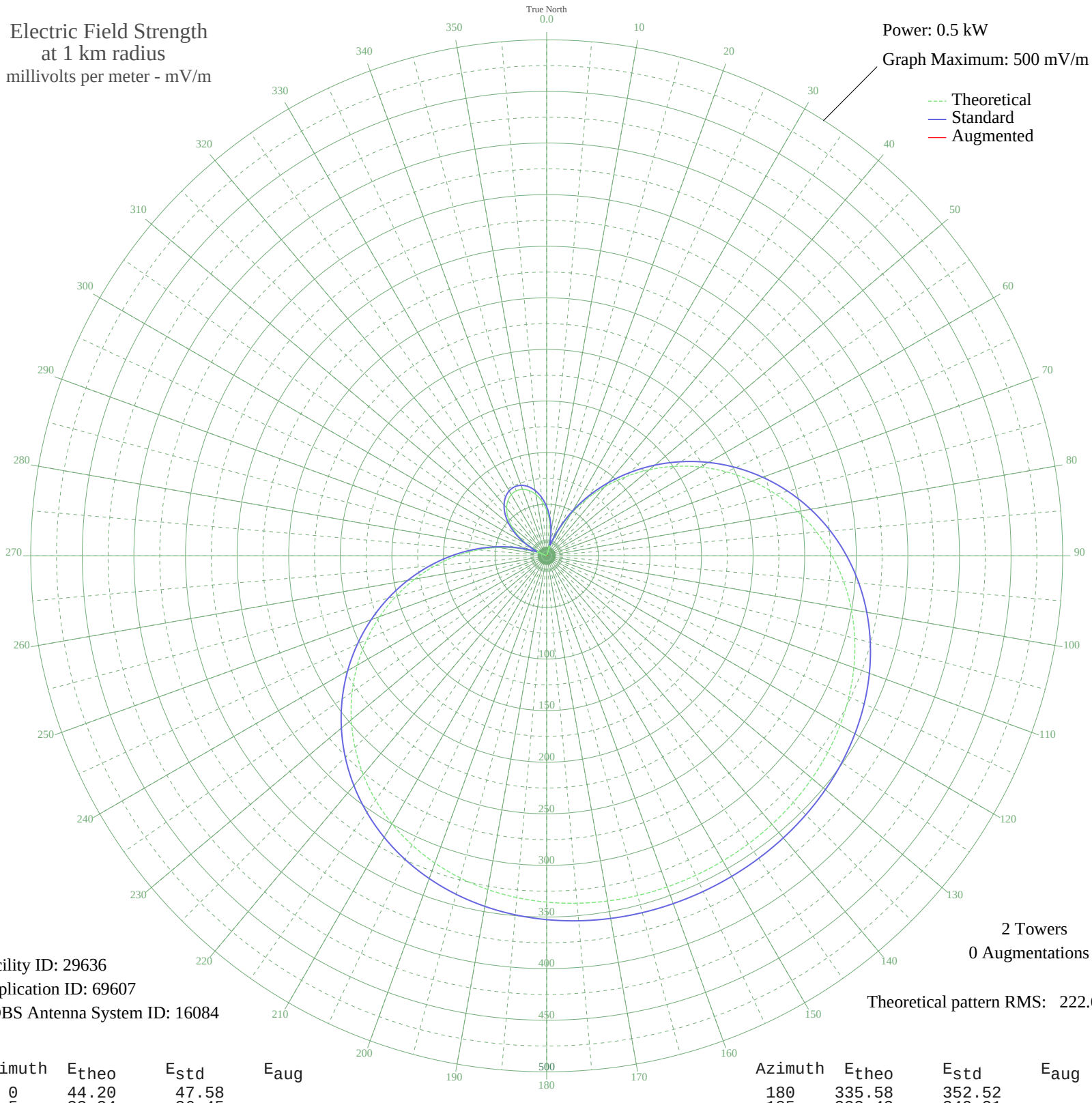
WQTT MARYSVILLE, OH BL-19840518AA 1270 kHz

Nighttime

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



Power: 0.5 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 29636
Application ID: 69607
CDBS Antenna System ID: 16084

Theoretical pattern RMS: 222.62

Azimuth	E_{theo}	E_{std}	E_{aug}
0	44.20	47.58	
5	33.24	36.45	
10	20.44	23.90	
15	5.91	12.20	
20	10.22	15.01	
25	27.80	31.03	
30	46.64	50.09	
35	66.52	70.63	
40	87.18	92.14	
45	108.36	114.26	
50	129.76	136.66	
55	151.10	159.00	
60	172.08	180.99	
65	192.41	202.31	
70	211.85	222.69	
75	230.15	241.89	
80	247.14	259.71	
85	262.67	276.00	
90	276.64	290.66	
95	289.02	303.65	
100	299.79	314.96	
105	309.02	324.64	
110	316.77	332.78	
115	323.17	339.49	
120	328.34	344.92	
125	332.43	349.21	
130	335.58	352.52	
135	337.94	355.00	
140	339.64	356.77	
145	340.76	357.96	
150	341.41	358.63	
155	341.62	358.85	
160	341.41	358.63	
165	340.76	357.96	
170	339.64	356.77	
175	337.94	355.00	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	335.58	352.52	
185	332.43	349.21	
190	328.34	344.92	
195	323.17	339.49	
200	316.77	332.78	
205	309.02	324.64	
210	299.79	314.96	
215	289.02	303.65	
220	276.64	290.66	
225	262.67	276.00	
230	247.14	259.71	
235	230.15	241.89	
240	211.85	222.69	
245	192.41	202.31	
250	172.08	180.99	
255	151.10	159.01	
260	129.76	136.66	
265	108.36	114.26	
270	87.18	92.14	
275	66.52	70.63	
280	46.64	50.09	
285	27.80	31.03	
290	10.22	15.01	
295	5.91	12.20	
300	20.44	23.90	
305	33.24	36.45	
310	44.20	47.58	
315	53.25	56.89	
320	60.34	64.22	
325	65.42	69.49	
330	68.48	72.67	
335	69.50	73.73	
340	68.48	72.67	
345	65.42	69.49	
350	60.34	64.22	
355	53.25	56.89	

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.

15 Feb 2012

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Federal Communications Commission