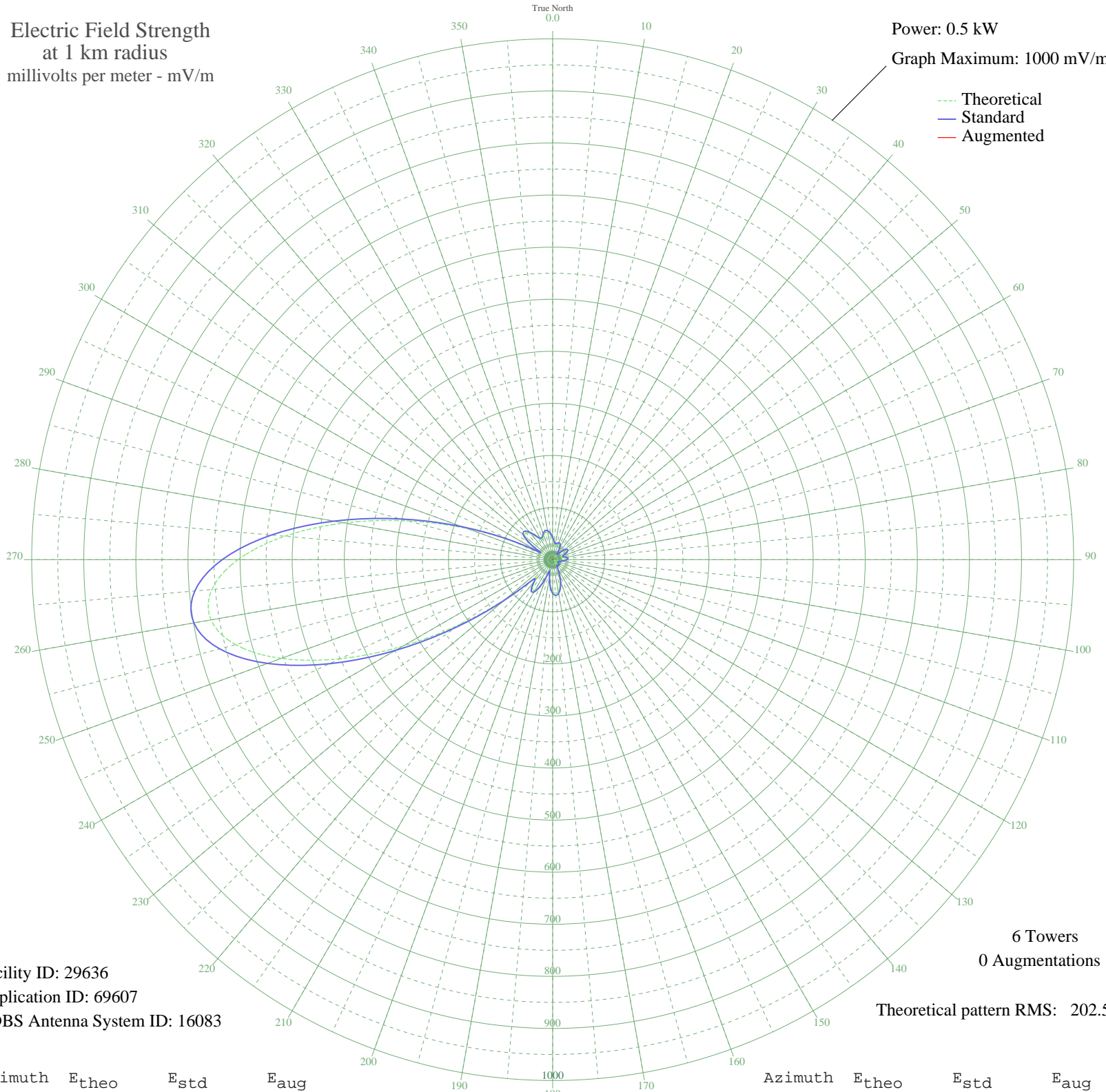


WUCO MARYSVILLE, OH BL-19840518AA 1270 kHz

Daytime

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

Power: 0.5 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 29636
Application ID: 69607
CDBS Antenna System ID: 16083

6 Towers
0 Augmentations

Theoretical pattern RMS: 202.58

Azimuth	E _{theo}	E _{std}	E _{aug}
0	39.82	43.11	
5	31.74	34.94	
10	27.87	31.09	
15	29.24	32.45	
20	31.61	34.81	
25	30.73	33.93	
30	24.82	28.10	
35	14.41	18.41	
40	5.78	12.13	
45	15.86	19.69	
50	26.35	29.60	
55	31.52	34.72	
60	30.21	33.41	
65	23.78	27.09	
70	17.13	20.82	
75	17.78	21.42	
80	23.16	26.49	
85	26.07	29.32	
90	24.29	27.58	
95	18.65	22.22	
100	11.53	16.02	
105	5.72	12.10	
110	3.19	11.02	
115	2.52	10.83	
120	4.18	11.38	
125	8.00	13.45	
130	11.17	15.74	
135	11.77	16.22	
140	9.15	14.23	
145	6.93	12.78	
150	14.66	18.63	
155	27.50	30.72	
160	41.22	44.53	
165	53.37	57.02	
170	61.80	65.74	
175	64.66	68.70	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	60.64	64.54	
185	49.37	52.89	
190	32.32	35.52	
195	18.71	22.28	
200	31.55	34.75	
205	52.99	56.62	
210	67.45	71.59	
215	67.72	71.88	
220	52.59	56.21	
225	53.01	56.64	
230	116.04	122.29	
235	215.33	226.34	
240	331.77	348.51	
245	450.14	472.76	
250	554.53	582.35	
255	630.14	661.73	
260	665.89	699.26	
265	656.60	689.51	
270	603.98	634.27	
275	516.13	542.04	
280	405.71	426.12	
285	287.37	301.92	
290	175.18	184.24	
295	80.91	85.60	
300	23.10	26.43	
305	47.58	51.05	
310	68.91	73.11	
315	72.80	77.15	
320	64.75	68.79	
325	52.35	55.97	
330	43.98	47.36	
335	44.44	47.82	
340	49.69	53.23	
345	53.55	57.20	
350	53.06	56.70	
355	47.97	51.45	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission