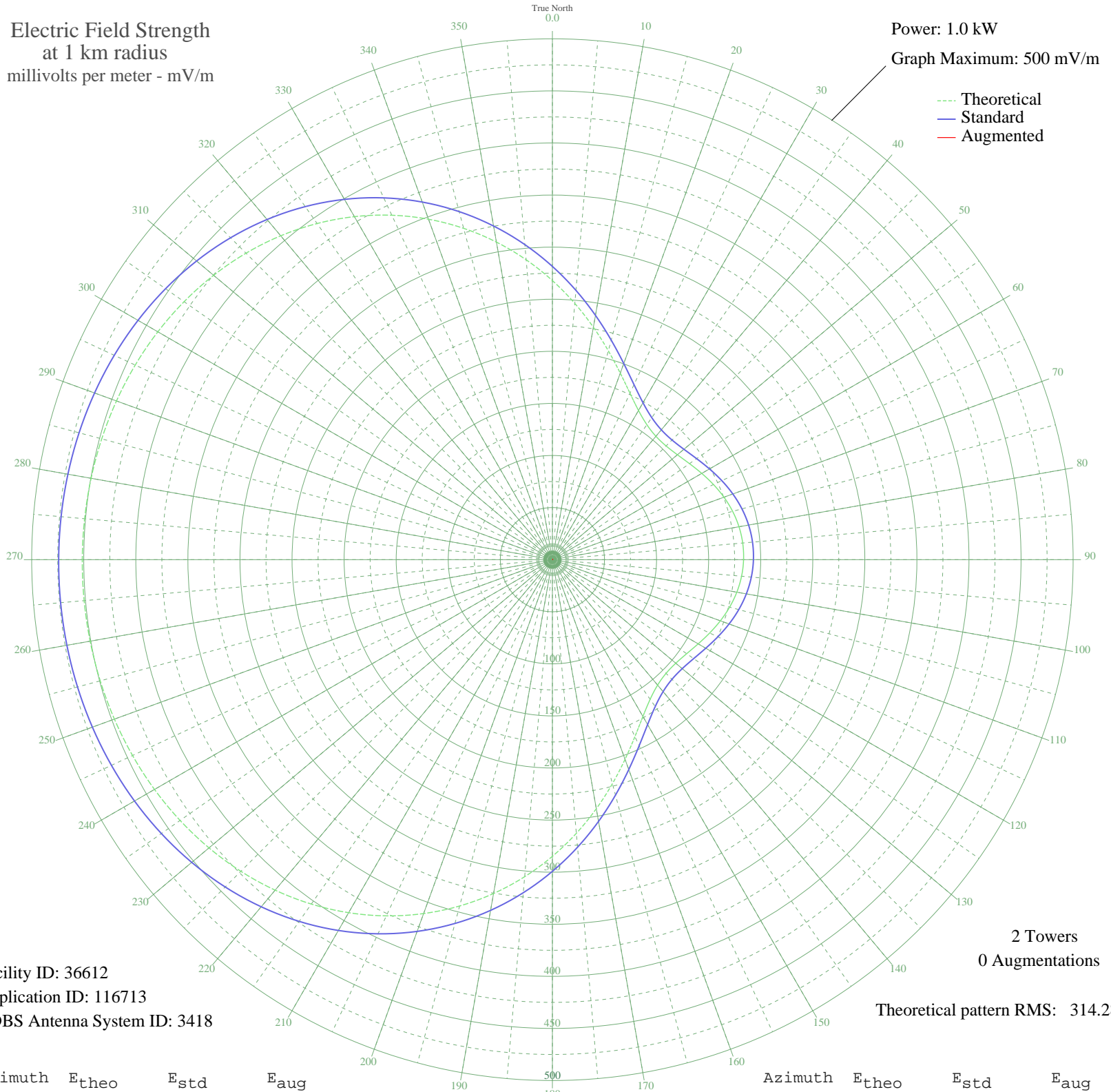


WGTO CASSOPOLIS, MI BL-19880804AF 910 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 500 mV/m



Facility ID: 36612
Application ID: 116713
CDBS Antenna System ID: 3418

2 Towers
0 Augmentations
Theoretical pattern RMS: 314.28

Azimuth	E _{theo}	E _{std}	E _{aug}
0	267.92	281.52	
5	246.93	259.49	
10	226.58	238.14	
15	207.55	218.18	
20	190.55	200.35	
25	176.29	185.40	
30	165.38	173.96	
35	158.16	166.40	
40	154.63	162.70	
45	154.38	162.44	
50	156.69	164.86	
55	160.70	169.06	
60	165.59	174.19	
65	170.65	179.49	
70	175.31	184.38	
75	179.17	188.42	
80	181.94	191.32	
85	183.43	192.89	
90	183.57	193.04	
95	182.34	191.75	
100	179.82	189.10	
105	176.16	185.26	
110	171.63	180.51	
115	166.61	175.26	
120	161.64	170.04	
125	157.38	165.59	
130	154.66	162.74	
135	154.34	162.40	
140	157.17	165.36	
145	163.63	172.13	
150	173.82	182.82	
155	187.46	197.11	
160	203.96	214.42	
165	222.65	234.01	
170	242.79	255.14	
175	263.70	277.09	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	284.78	299.21	
185	305.51	320.95	
190	325.43	341.86	
195	344.19	361.55	
200	361.54	379.76	
205	377.28	396.29	
210	391.32	411.02	
215	403.60	423.91	
220	414.16	435.00	
225	423.07	444.35	
230	430.45	452.09	
235	436.43	458.37	
240	441.17	463.35	
245	444.83	467.19	
250	447.56	470.05	
255	449.49	472.08	
260	450.73	473.38	
265	451.36	474.04	
270	451.42	474.10	
275	450.90	473.57	
280	449.79	472.40	
285	448.01	470.52	
290	445.45	467.84	
295	441.98	464.20	
300	437.47	459.47	
305	431.75	453.46	
310	424.67	446.02	
315	416.07	437.00	
320	405.85	426.27	
325	393.91	413.74	
330	380.23	399.38	
335	364.82	383.21	
340	347.78	365.32	
345	329.28	345.90	
350	309.57	325.21	
355	288.97	303.60	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission