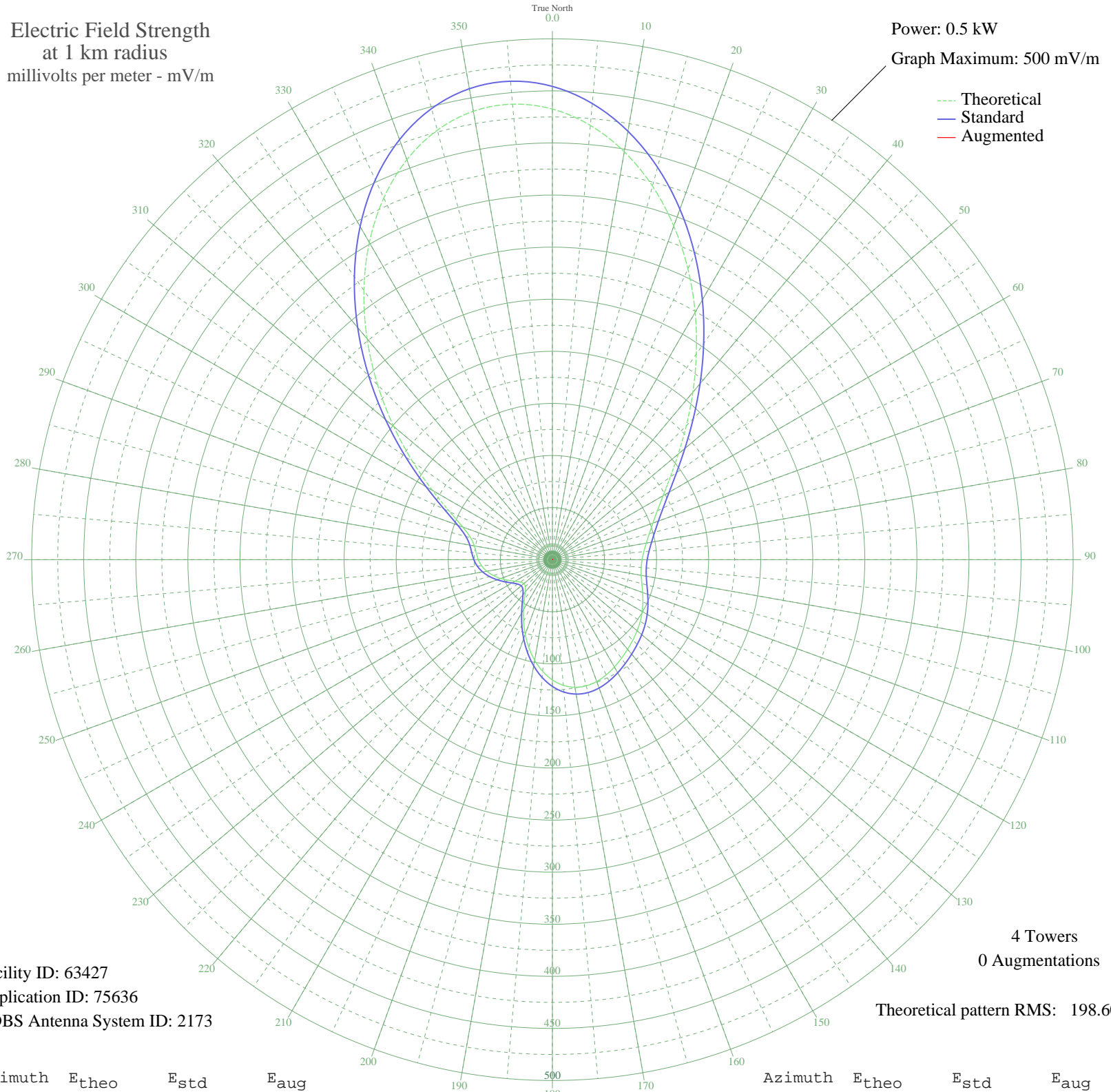


# WOGO HALLIE, WI BL-19850124AA 680 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 63427  
Application ID: 75636  
CDBS Antenna System ID: 2173

4 Towers  
0 Augmentations  
Theoretical pattern RMS: 198.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	432.58	454.33	
5	418.49	439.54	
10	397.64	417.65	
15	371.27	389.97	
20	340.84	358.03	
25	307.92	323.49	
30	274.12	288.02	
35	240.97	253.23	
40	209.83	220.57	
45	181.84	191.22	
50	157.83	166.05	
55	138.18	145.47	
60	122.83	129.40	
65	111.26	117.29	
70	102.68	108.33	
75	96.30	101.66	
80	91.54	96.69	
85	88.15	93.15	
90	86.13	91.05	
95	85.62	90.51	
100	86.62	91.56	
105	88.95	93.98	
110	92.20	97.38	
115	95.88	101.22	
120	99.57	105.08	
125	103.02	108.68	
130	106.19	111.99	
135	109.21	115.15	
140	112.31	118.39	
145	115.60	121.83	
150	118.98	125.37	
155	122.12	128.65	
160	124.46	131.11	
165	125.40	132.09	
170	124.40	131.04	
175	121.11	127.59	

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.

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	115.45	121.68	
185	107.62	113.49	
190	98.04	103.48	
195	87.33	92.30	
200	76.19	80.69	
205	65.32	69.39	
210	55.39	59.10	
215	47.00	50.45	
220	40.65	43.96	
225	36.83	40.07	
230	35.83	39.06	
235	37.56	40.81	
240	41.48	44.80	
245	46.82	50.27	
250	52.80	56.43	
255	58.71	62.53	
260	63.95	67.97	
265	68.12	72.29	
270	71.12	75.41	
275	73.37	77.75	
280	76.07	80.56	
285	81.32	86.03	
290	91.62	96.77	
295	108.74	114.66	
300	133.02	140.07	
305	163.59	172.09	
310	198.95	209.16	
315	237.33	249.42	
320	276.84	290.88	
325	315.55	331.50	
330	351.55	369.28	
335	383.07	402.36	
340	408.57	429.12	
345	426.84	448.30	
350	437.08	459.06	
355	438.96	461.03	

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission