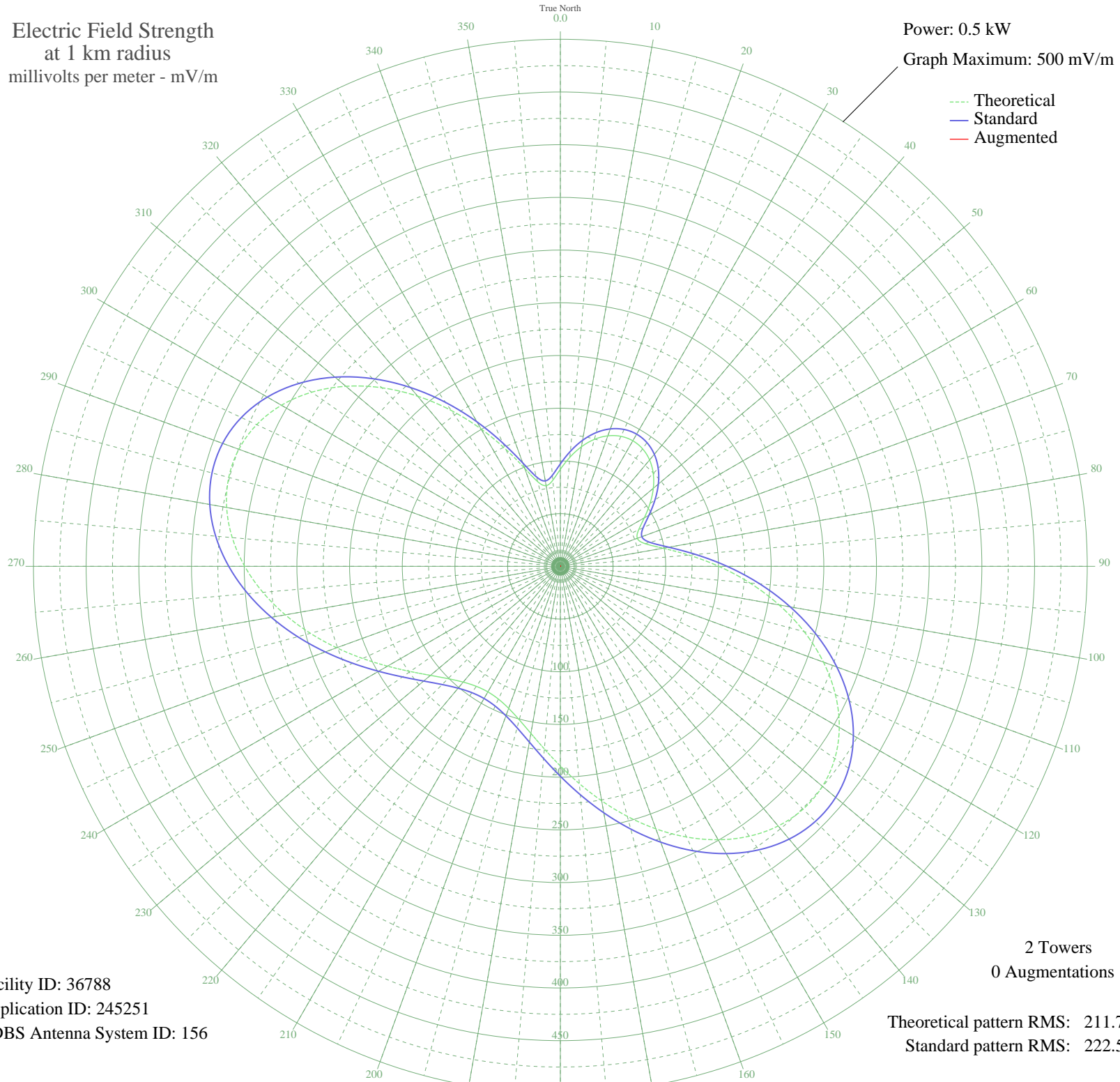


# WAKO LAWRENCEVILLE, IL BL-19970425AA 910 kHz

Daytime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 36788  
Application ID: 245251  
CDBS Antenna System ID: 156

2 Towers  
0 Augmentations

Theoretical pattern RMS: 211.74  
Standard pattern RMS: 222.57

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	91.99	97.16	
5	103.86	109.56	
10	115.18	121.39	
15	124.68	131.34	
20	131.75	138.74	
25	136.08	143.27	
30	137.54	144.79	
35	136.08	143.27	
40	131.75	138.74	
45	124.68	131.34	
50	115.18	121.39	
55	103.86	109.56	
60	91.99	97.16	
65	81.98	86.72	
70	77.72	82.28	
75	83.16	87.95	
80	98.94	104.42	
85	122.41	128.96	
90	150.42	158.29	
95	180.50	189.81	
100	210.74	221.53	
105	239.59	251.79	
110	265.72	279.21	
115	288.03	302.61	
120	305.64	321.10	
125	317.96	334.03	
130	324.68	341.07	
135	325.78	342.23	
140	321.56	337.80	
145	312.55	328.35	
150	299.51	314.66	
155	283.34	297.69	
160	265.02	278.47	
165	245.55	258.04	
170	225.89	237.41	
175	206.92	217.52	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	189.40	199.14	
185	173.92	182.92	
190	160.93	169.31	
195	150.71	158.59	
200	143.38	150.92	
205	138.99	146.32	
210	137.54	144.79	
215	138.99	146.32	
220	143.38	150.92	
225	150.71	158.59	
230	160.93	169.31	
235	173.92	182.92	
240	189.40	199.14	
245	206.92	217.52	
250	225.89	237.41	
255	245.55	258.04	
260	265.02	278.47	
265	283.34	297.69	
270	299.51	314.66	
275	312.55	328.35	
280	321.56	337.80	
285	325.78	342.23	
290	324.68	341.07	
295	317.96	334.03	
300	305.64	321.10	
305	288.03	302.61	
310	265.72	279.20	
315	239.59	251.79	
320	210.74	221.53	
325	180.50	189.81	
330	150.42	158.29	
335	122.41	128.96	
340	98.94	104.42	
345	83.16	87.95	
350	77.72	82.28	
355	81.98	86.72	

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