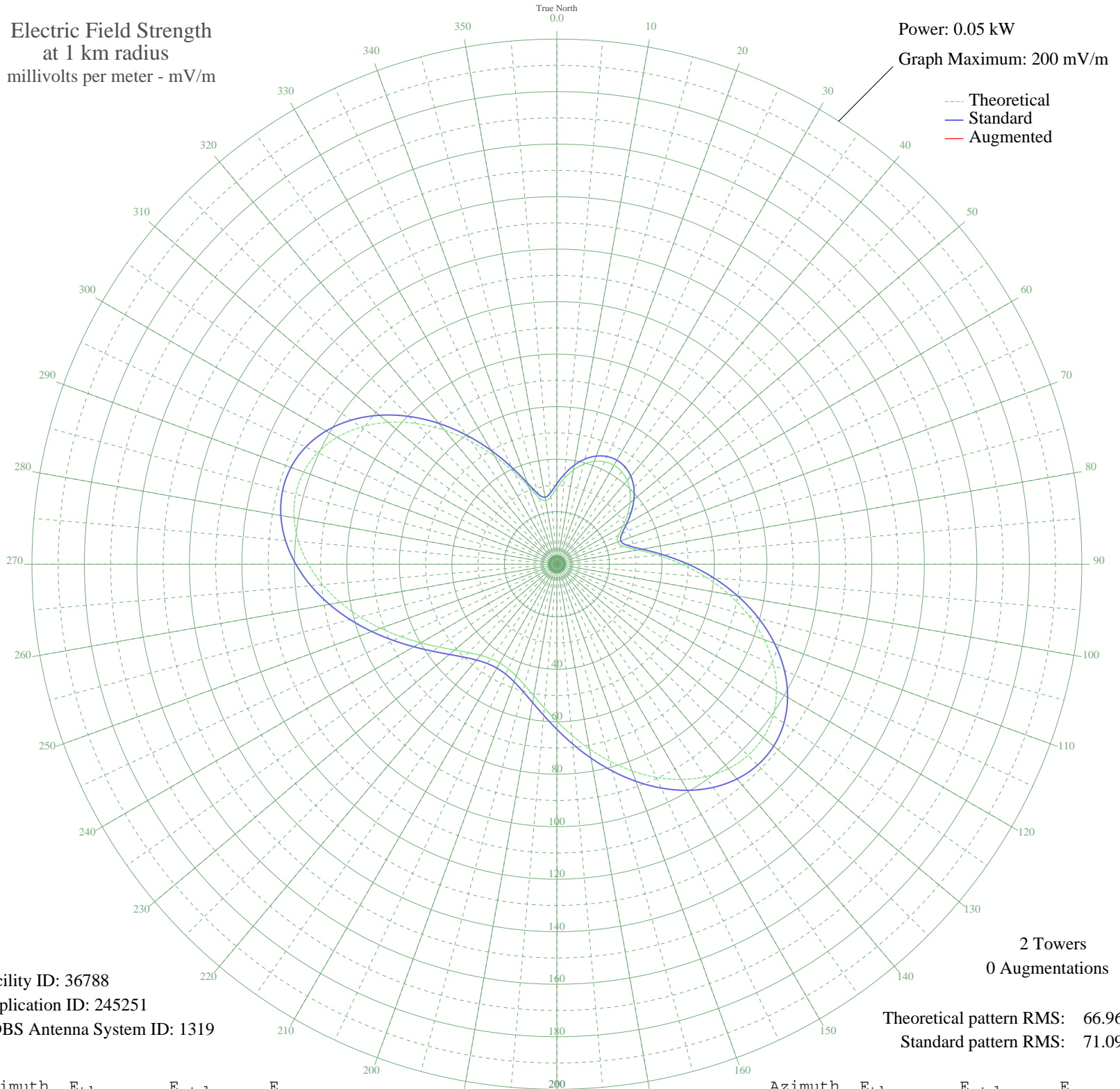


WAKO LAWRENCEVILLE, IL BL-19970425AA 910 kHz

Nighttime

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

Power: 0.05 kW
Graph Maximum: 200 mV/m



Facility ID: 36788
Application ID: 245251
CDBS Antenna System ID: 1319

2 Towers
0 Augmentations

Theoretical pattern RMS: 66.96
Standard pattern RMS: 71.09

Azimuth	E _{theo}	E _{std}	E _{aug}
0	29.09	30.63	
5	32.84	34.56	
10	36.42	38.31	
15	39.42	41.46	
20	41.66	43.80	
25	43.03	45.24	
30	43.49	45.72	
35	43.03	45.24	
40	41.66	43.80	
45	39.42	41.46	
50	36.42	38.31	
55	32.84	34.56	
60	29.09	30.63	
65	25.92	27.32	
70	24.57	25.91	
75	26.29	27.71	
80	31.28	32.93	
85	38.70	40.71	
90	47.56	49.99	
95	57.07	59.97	
100	66.63	70.00	
105	75.76	79.58	
110	84.02	88.25	
115	91.07	95.65	
120	96.64	101.50	
125	100.54	105.59	
130	102.66	107.82	
135	103.01	108.18	
140	101.67	106.78	
145	98.83	103.79	
150	94.70	99.47	
155	89.59	94.10	
160	83.80	88.02	
165	77.64	81.55	
170	71.42	75.03	
175	65.43	68.74	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	59.89	62.92	
185	54.99	57.79	
190	50.89	53.48	
195	47.65	50.09	
200	45.34	47.66	
205	43.95	46.21	
210	43.49	45.72	
215	43.95	46.21	
220	45.34	47.66	
225	47.65	50.09	
230	50.89	53.48	
235	54.99	57.79	
240	59.89	62.92	
245	65.43	68.74	
250	71.42	75.03	
255	77.64	81.55	
260	83.80	88.02	
265	89.59	94.10	
270	94.70	99.47	
275	98.83	103.79	
280	101.67	106.78	
285	103.01	108.18	
290	102.66	107.82	
295	100.54	105.59	
300	96.64	101.50	
305	91.07	95.65	
310	84.02	88.25	
315	75.76	79.58	
320	66.63	70.00	
325	57.07	59.97	
330	47.56	49.99	
335	38.70	40.71	
340	31.28	32.93	
345	26.29	27.71	
350	24.57	25.91	
355	25.92	27.32	

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