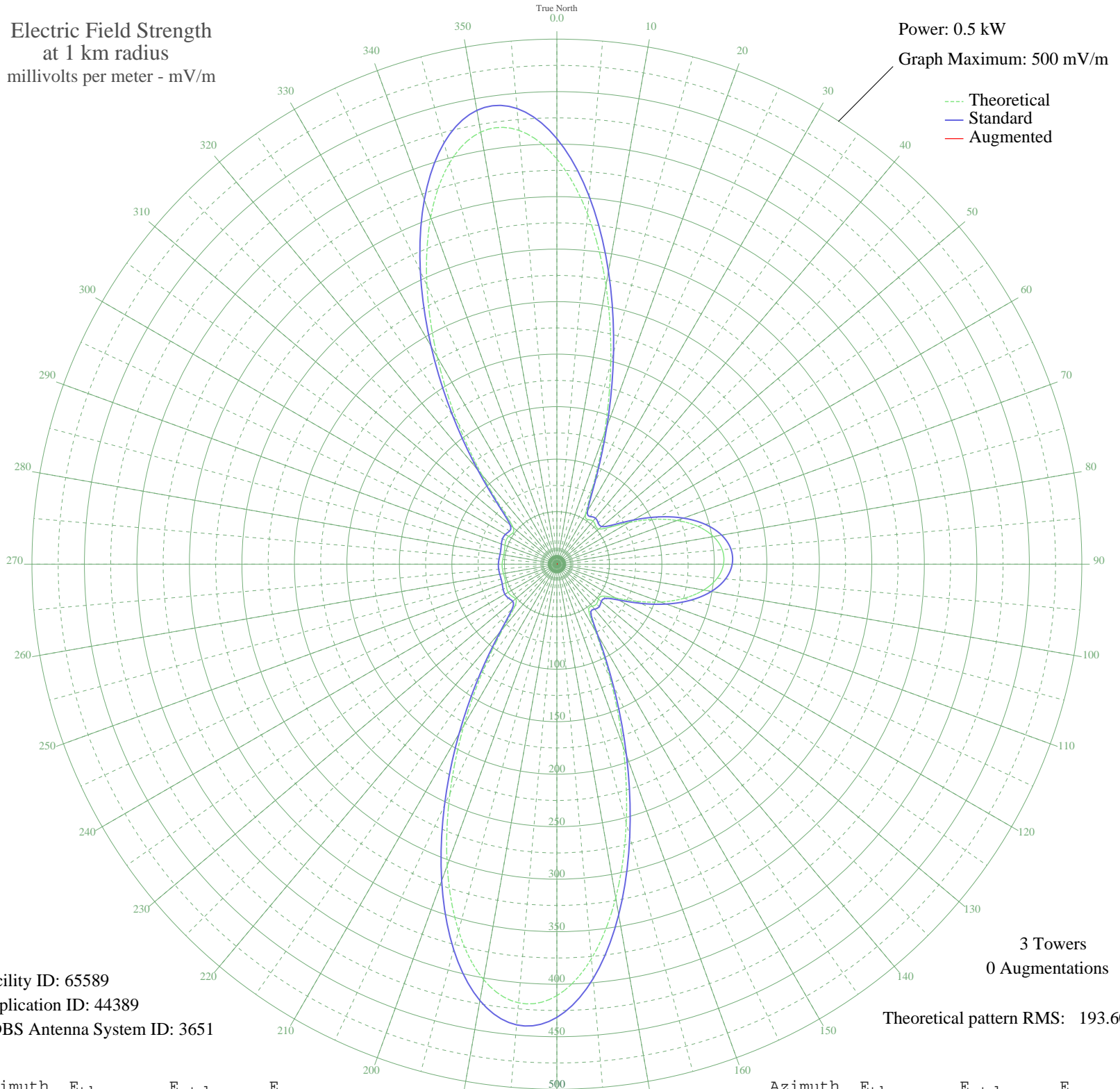


# WKCT BOWLING GREEN, KY BL-19820623AA 930 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 65589  
Application ID: 44389  
CDBS Antenna System ID: 3651

3 Towers  
0 Augmentations

Theoretical pattern RMS: 193.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	385.82	405.25	
5	334.98	351.89	
10	269.38	283.05	
15	198.36	208.54	
20	132.01	139.00	
25	80.68	85.36	
30	54.63	58.31	
35	51.83	55.42	
40	53.53	57.18	
45	52.04	55.65	
50	52.16	55.77	
55	61.27	65.18	
60	79.29	83.91	
65	100.91	106.48	
70	121.73	128.24	
75	139.07	146.40	
80	151.46	159.38	
85	158.13	166.37	
90	158.74	167.01	
95	153.27	161.28	
100	141.98	149.45	
105	125.53	132.23	
110	105.25	111.01	
115	83.49	88.29	
120	64.31	68.34	
125	53.13	56.76	
130	51.67	55.26	
135	53.46	57.10	
140	52.31	55.92	
145	52.75	56.37	
150	73.17	77.54	
155	120.20	126.64	
160	184.39	193.89	
165	255.29	268.26	
170	322.77	339.07	
175	377.22	396.22	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	410.92	431.59	
185	419.30	440.39	
190	401.78	422.00	
195	361.68	379.90	
200	305.40	320.84	
205	241.06	253.34	
210	177.04	186.19	
215	120.90	127.38	
220	79.11	83.72	
225	56.59	60.34	
230	51.36	54.94	
235	52.69	56.32	
240	53.53	57.18	
245	52.85	56.47	
250	51.79	55.38	
255	51.36	54.94	
260	51.63	55.22	
265	52.07	55.67	
270	52.12	55.72	
275	51.73	55.32	
280	51.37	54.95	
285	51.64	55.23	
290	52.62	56.24	
295	53.49	57.14	
300	52.99	56.63	
305	51.44	55.02	
310	54.45	58.12	
315	72.96	77.33	
320	111.21	117.24	
325	164.97	173.53	
330	227.98	239.61	
335	292.90	307.73	
340	351.47	369.19	
345	395.40	415.30	
350	417.82	438.83	
355	414.70	435.56	

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