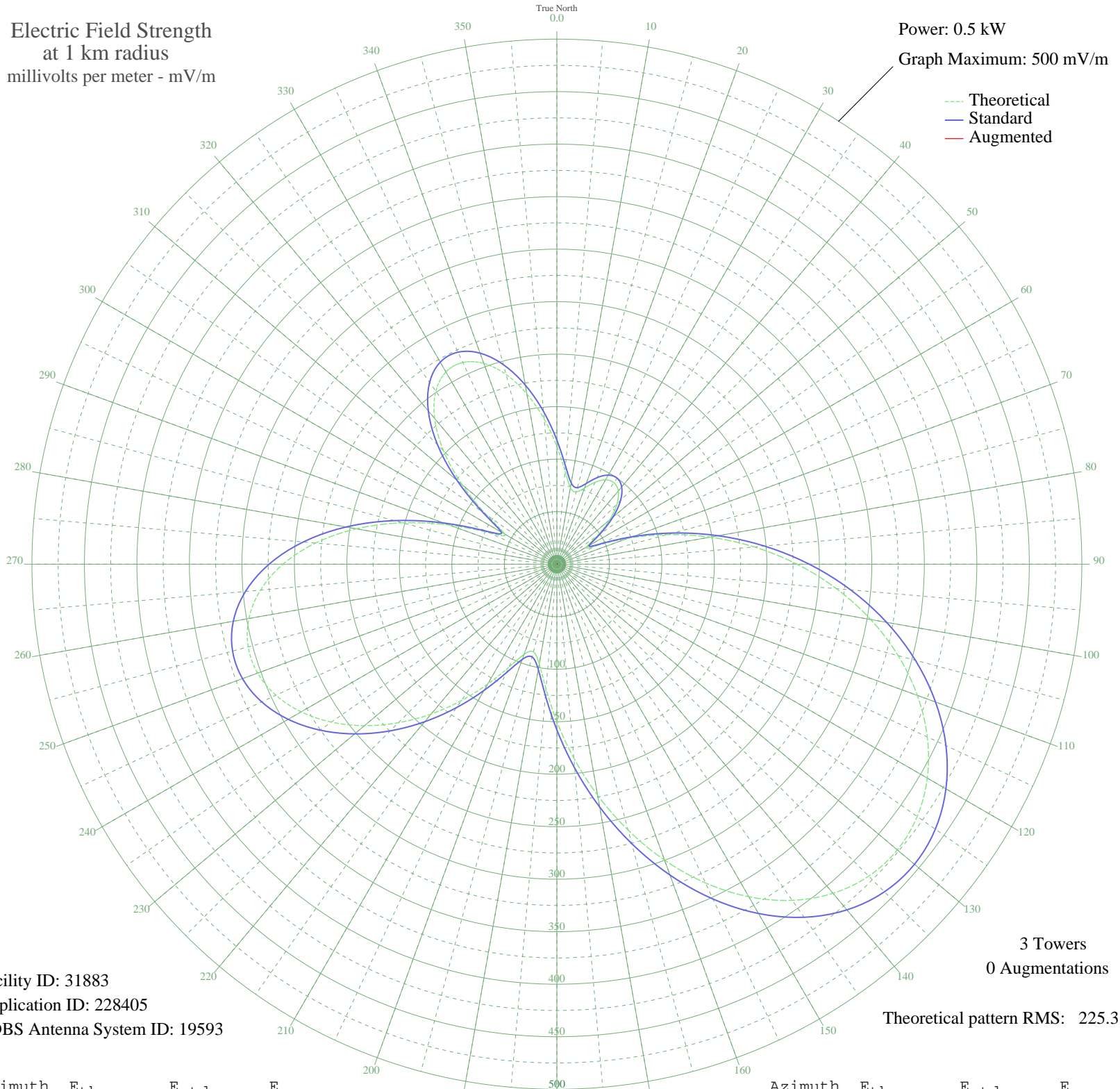


# WLOU LOUISVILLE, KY BL-19960627AA 1350 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 31883  
Application ID: 228405  
CDBS Antenna System ID: 19593

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 225.31

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	112.07	118.14	
5	88.92	93.96	
10	74.16	78.57	
15	71.16	75.45	
20	77.24	81.78	
25	86.03	90.94	
30	92.72	97.92	
35	94.73	100.02	
40	90.92	96.04	
45	81.04	85.73	
50	65.61	69.69	
55	46.68	50.13	
60	32.32	35.53	
65	42.27	45.61	
70	72.03	76.36	
75	108.73	114.65	
80	148.22	155.98	
85	188.64	198.35	
90	228.70	240.37	
95	267.33	280.89	
100	303.57	318.92	
105	336.55	353.53	
110	365.40	383.82	
115	389.30	408.90	
120	407.41	427.91	
125	418.97	440.04	
130	423.34	444.63	
135	420.11	441.24	
140	409.17	429.75	
145	390.80	410.48	
150	365.70	384.13	
155	334.94	351.85	
160	299.90	315.07	
165	262.17	275.48	
170	223.43	234.84	
175	185.41	194.96	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	149.91	157.76	
185	119.18	125.58	
190	96.52	101.88	
195	86.44	91.36	
200	91.42	96.57	
205	108.30	114.19	
210	131.86	138.85	
215	158.54	166.80	
220	186.25	195.84	
225	213.55	224.47	
230	239.25	251.43	
235	262.20	275.51	
240	281.25	295.50	
245	295.30	310.25	
250	303.32	318.66	
255	304.41	319.80	
260	297.89	312.96	
265	283.38	297.74	
270	260.85	274.10	
275	230.73	242.49	
280	193.97	203.94	
285	152.29	160.25	
290	108.70	114.62	
295	70.29	74.55	
300	57.23	61.00	
305	81.38	86.09	
310	117.88	124.22	
315	152.72	160.70	
320	181.16	190.51	
325	201.03	211.35	
330	211.34	222.16	
335	211.94	222.78	
340	203.42	213.85	
345	187.04	196.67	
350	164.64	173.19	
355	138.63	145.94	

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.

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14 Nov 2009

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission