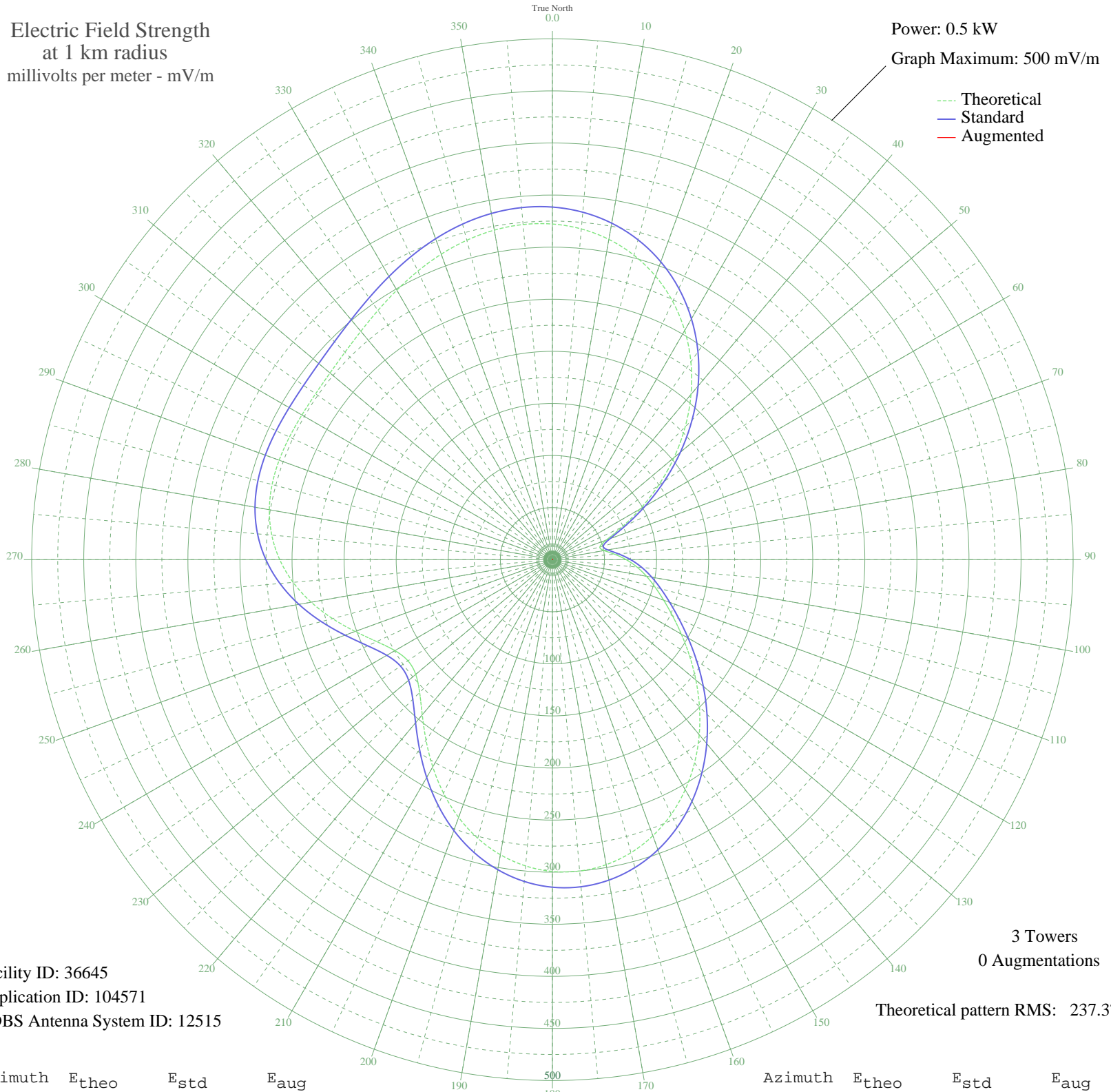


# WLPO LASALLE, IL BL-19870821AA 1220 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 36645  
Application ID: 104571  
CDBS Antenna System ID: 12515

3 Towers  
0 Augmentations

Theoretical pattern RMS: 237.37

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	322.21	338.48	
5	318.72	334.82	
10	312.22	328.00	
15	302.55	317.86	
20	289.62	304.29	
25	273.43	287.29	
30	254.08	267.00	
35	231.84	243.65	
40	207.08	217.68	
45	180.37	189.68	
50	152.47	160.44	
55	124.35	130.99	
60	97.31	102.72	
65	73.23	77.60	
70	55.09	58.79	
75	47.11	50.56	
80	50.35	53.90	
85	59.85	63.72	
90	70.87	75.15	
95	81.53	86.25	
100	91.72	96.87	
105	102.13	107.75	
110	113.71	119.86	
115	127.21	133.99	
120	142.94	150.46	
125	160.69	169.05	
130	179.87	189.15	
135	199.69	209.94	
140	219.33	230.54	
145	238.00	250.12	
150	255.03	267.99	
155	269.86	283.55	
160	282.06	296.34	
165	291.29	306.03	
170	297.33	312.37	
175	300.02	315.20	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	299.30	314.44	
185	295.14	310.07	
190	287.62	302.18	
195	276.91	290.94	
200	263.32	276.68	
205	247.33	259.91	
210	229.72	241.43	
215	211.56	222.39	
220	194.42	204.41	
225	180.28	189.58	
230	171.32	180.20	
235	169.30	178.07	
240	174.62	183.65	
245	186.10	195.69	
250	201.53	211.87	
255	218.56	229.73	
260	235.17	247.16	
265	249.91	262.61	
270	261.83	275.12	
275	270.51	284.23	
280	275.98	289.97	
285	278.64	292.76	
290	279.20	293.35	
295	278.58	292.70	
300	277.75	291.83	
305	277.59	291.66	
310	278.78	292.90	
315	281.64	295.90	
320	286.17	300.66	
325	292.05	306.83	
330	298.75	313.86	
335	305.65	321.10	
340	312.09	327.86	
345	317.46	333.50	
350	321.23	337.46	
355	322.94	339.25	