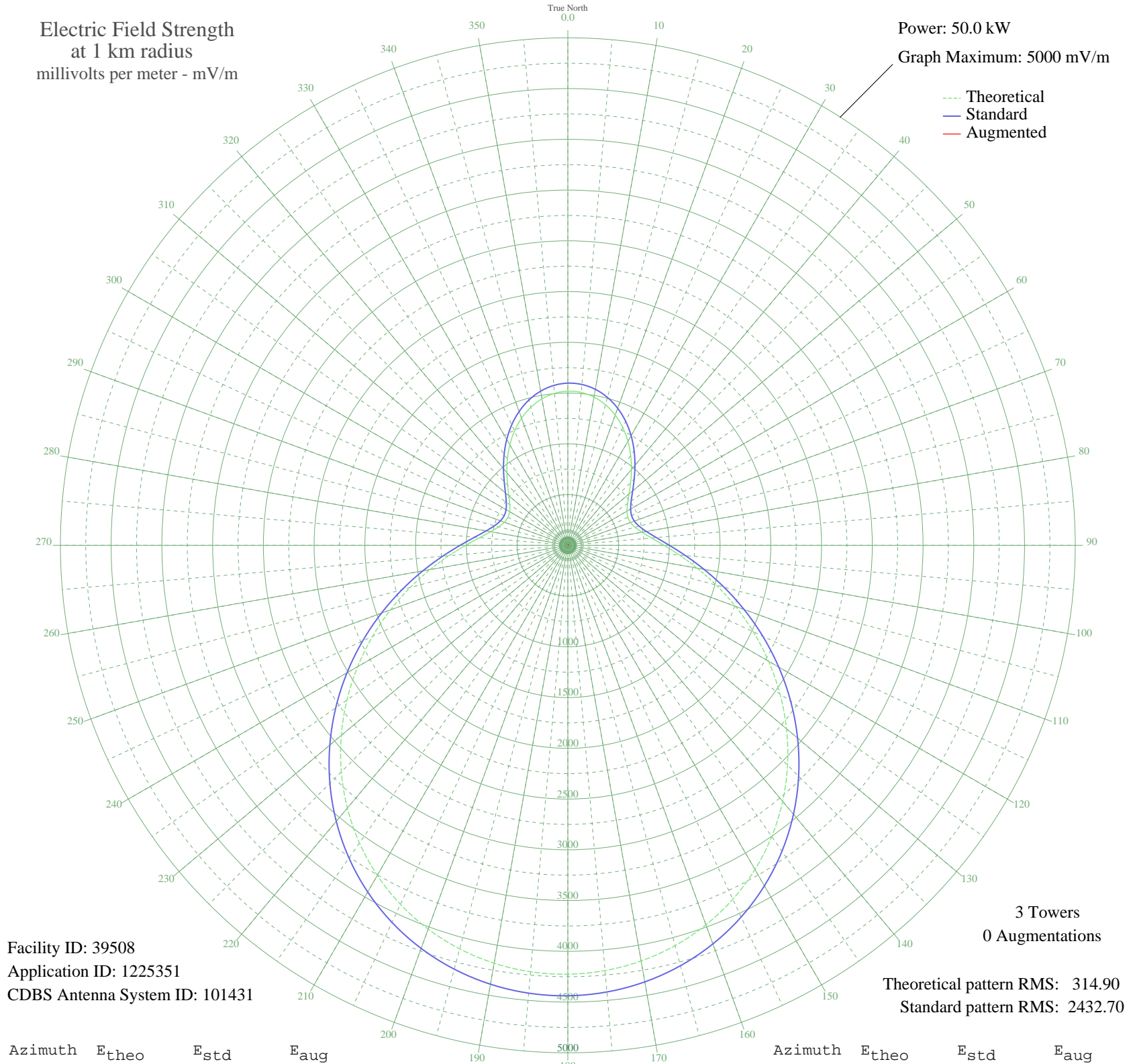


# WLOR HUNTSVILLE, AL BL-20071129AKQ 1550 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 39508  
Application ID: 1225351  
CDBS Antenna System ID: 101431

Theoretical pattern RMS: 314.90  
Standard pattern RMS: 2432.70

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1518.58	1597.71	
5	1511.88	1590.69	
10	1483.12	1560.55	
15	1433.43	1508.49	
20	1364.82	1436.63	
25	1280.26	1348.07	
30	1183.67	1246.96	
35	1079.96	1138.46	
40	975.01	1028.74	
45	875.43	924.75	
50	788.13	833.69	
55	719.40	762.11	
60	673.77	714.65	
65	653.13	693.20	
70	657.36	697.60	
75	686.38	727.76	
80	742.01	785.65	
85	827.99	875.25	
90	948.07	1000.60	
95	1103.89	1163.49	
100	1293.92	1362.38	
105	1513.77	1592.68	
110	1757.05	1847.67	
115	2016.27	2119.50	
120	2283.61	2399.92	
125	2551.46	2680.94	
130	2812.84	2955.21	
135	3061.65	3216.33	
140	3292.89	3459.01	
145	3502.62	3679.14	
150	3688.02	3873.74	
155	3847.15	4040.78	
160	3978.90	4179.07	
165	4082.71	4288.03	
170	4158.39	4367.48	
175	4205.97	4417.43	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	4225.54	4437.97	
185	4217.16	4429.17	
190	4180.79	4390.99	
195	4116.35	4323.35	
200	4023.79	4226.19	
205	3903.18	4099.59	
210	3754.90	3943.94	
215	3579.83	3760.18	
220	3379.54	3549.96	
225	3156.50	3315.87	
230	2914.18	3061.56	
235	2657.15	2791.84	
240	2391.10	2512.69	
245	2122.67	2231.09	
250	1859.26	1954.84	
255	1608.68	1692.13	
260	1378.61	1451.07	
265	1175.99	1238.92	
270	1006.12	1061.26	
275	871.77	920.93	
280	772.53	817.43	
285	705.26	747.39	
290	665.95	706.52	
295	651.87	691.89	
300	662.49	702.93	
305	698.21	740.06	
310	758.10	802.40	
315	838.66	886.38	
320	934.15	986.05	
325	1037.77	1094.34	
330	1142.73	1204.12	
335	1242.81	1308.87	
340	1332.71	1403.00	
345	1408.11	1481.97	
350	1465.66	1542.26	
355	1502.98	1581.36	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission