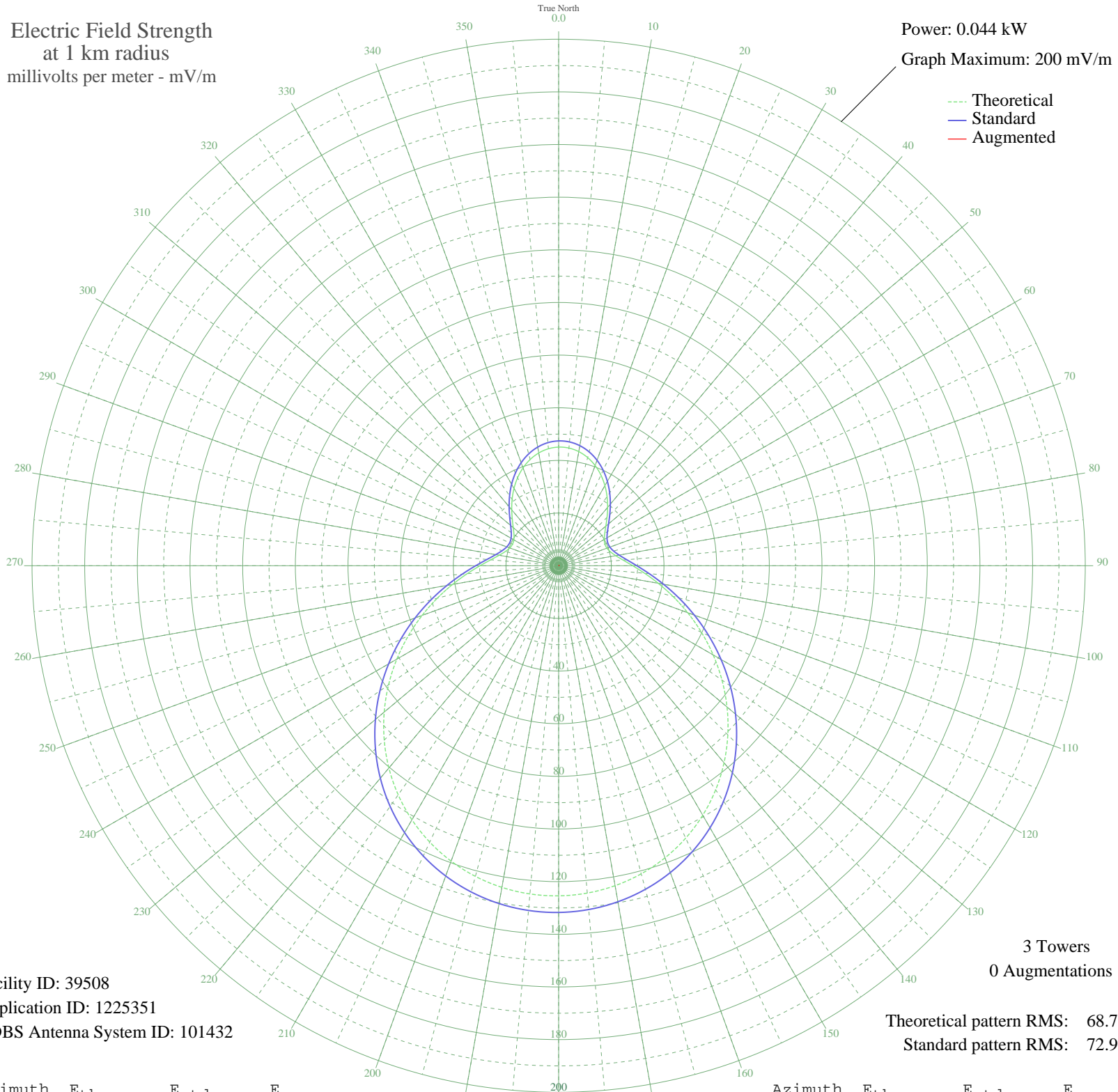


WLOR HUNTSVILLE, AL BL-20071129AKQ 1550 kHz

Nighttime

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

Power: 0.044 kW
Graph Maximum: 200 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 39508
Application ID: 1225351
CDBS Antenna System ID: 101432

3 Towers
0 Augmentations

Theoretical pattern RMS: 68.70
Standard pattern RMS: 72.90

Azimuth	E _{theo}	E _{std}	E _{aug}
0	45.07	47.42	
5	44.87	47.21	
10	44.01	46.31	
15	42.54	44.77	
20	40.50	42.64	
25	37.99	40.01	
30	35.13	37.01	
35	32.05	33.79	
40	28.94	30.53	
45	25.98	27.44	
50	23.39	24.74	
55	21.35	22.62	
60	20.00	21.21	
65	19.38	20.57	
70	19.51	20.70	
75	20.37	21.60	
80	22.02	23.32	
85	24.57	25.98	
90	28.14	29.70	
95	32.76	34.53	
100	38.40	40.43	
105	44.92	47.27	
110	52.14	54.83	
115	59.84	62.90	
120	67.77	71.22	
125	75.72	79.56	
130	83.48	87.70	
135	90.86	95.45	
140	97.72	102.65	
145	103.95	109.19	
150	109.45	114.96	
155	114.17	119.92	
160	118.08	124.02	
165	121.16	127.26	
170	123.41	129.61	
175	124.82	131.10	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	125.40	131.71	
185	125.15	131.45	
190	124.07	130.31	
195	122.16	128.31	
200	119.42	125.42	
205	115.84	121.66	
210	111.44	117.05	
215	106.24	111.59	
220	100.30	105.35	
225	93.68	98.41	
230	86.48	90.86	
235	78.86	82.85	
240	70.96	74.57	
245	63.00	66.21	
250	55.18	58.01	
255	47.74	50.22	
260	40.91	43.06	
265	34.90	36.77	
270	29.86	31.50	
275	25.87	27.33	
280	22.93	24.26	
285	20.93	22.18	
290	19.76	20.97	
295	19.35	20.53	
300	19.66	20.86	
305	20.72	21.96	
310	22.50	23.81	
315	24.89	26.31	
320	27.72	29.26	
325	30.80	32.48	
330	33.91	35.73	
335	36.88	38.84	
340	39.55	41.64	
345	41.79	43.98	
350	43.50	45.77	
355	44.60	46.93	

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