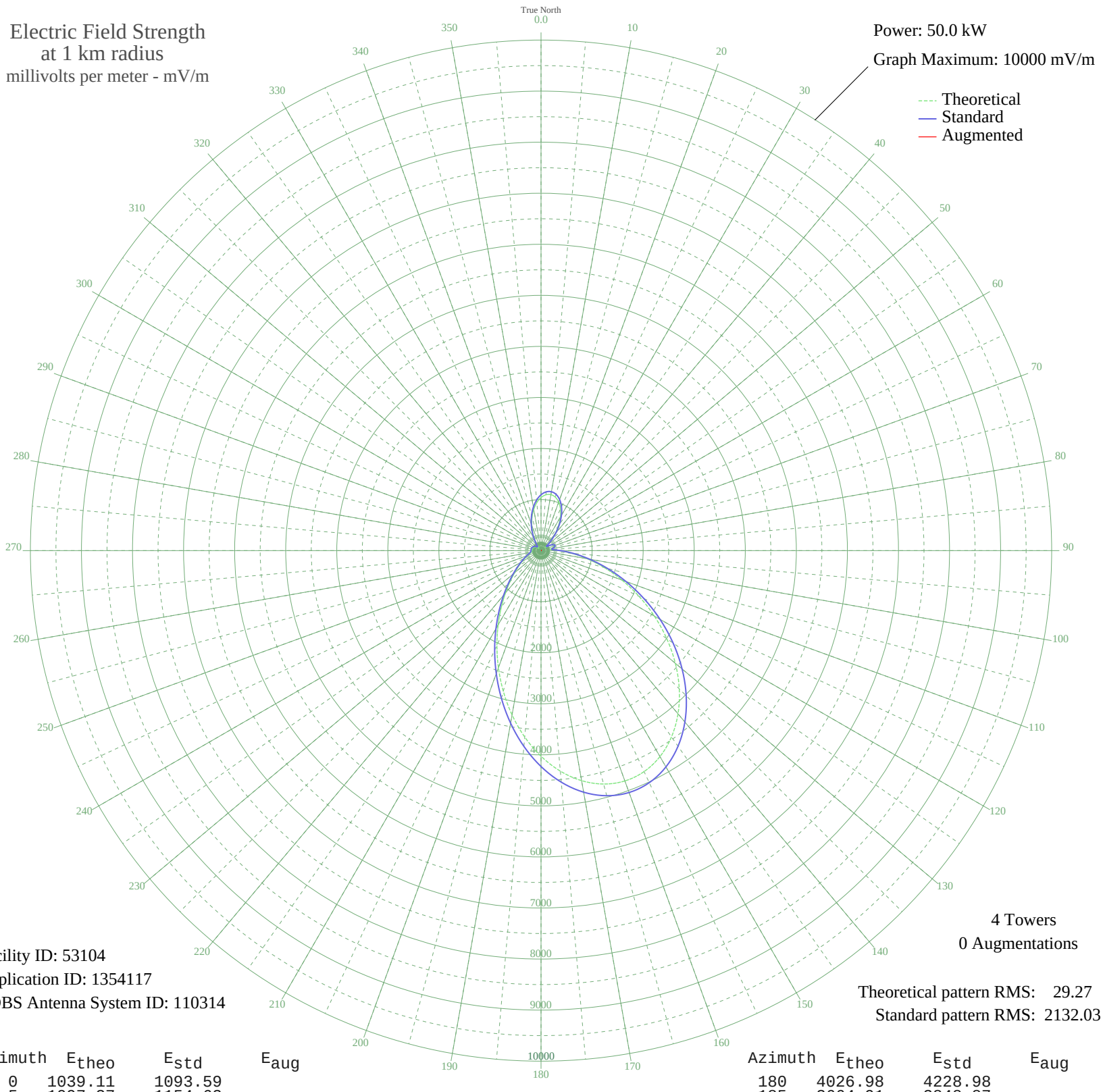
WDRU CREEDMOOR, NC BL-20100114AEJ 1030 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 10000 mV/m

Theoretical
Standard
Augmented

Facility ID: 53104
Application ID: 1354117
CDBS Antenna System ID: 110314

4 Towers
0 Augmentations

Theoretical pattern RMS: 29.27
Standard pattern RMS: 2132.03

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1039.11	1093.59	
5	1097.37	1154.63	
10	1112.98	1170.98	
15	1083.72	1140.32	
20	1010.98	1064.12	
25	899.56	947.46	
30	757.23	798.55	
35	594.09	628.20	
40	422.11	449.39	
45	255.88	278.75	
50	123.21	149.17	
55	116.49	143.09	
60	195.02	217.82	
65	253.39	276.22	
70	271.37	294.45	
75	246.68	269.44	
80	196.72	219.50	
85	203.57	226.28	
90	353.24	378.26	
95	602.06	636.51	
100	916.18	964.85	
105	1280.97	1347.06	
110	1685.04	1770.85	
115	2116.43	2223.49	
120	2561.76	2690.87	
125	3006.19	3157.37	
130	3433.81	3606.27	
135	3828.25	4020.35	
140	4173.41	4382.71	
145	4454.40	4677.71	
150	4658.49	4891.98	
155	4776.04	5015.39	
160	4801.35	5041.96	
165	4733.21	4970.43	
170	4575.23	4804.57	
175	4335.67	4553.06	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	4026.98	4228.98	
185	3664.91	3848.87	
190	3267.33	3431.49	
195	2852.93	2996.50	
200	2439.88	2562.95	
205	2044.53	2148.05	
210	1680.47	1766.06	
215	1357.70	1427.51	
220	1082.15	1138.68	
225	855.49	901.32	
230	675.16	712.80	
235	535.07	566.71	
240	427.01	454.47	
245	342.93	367.66	
250	277.14	300.32	
255	227.37	250.01	
260	193.93	216.74	
265	176.64	199.78	
270	171.63	194.90	
275	172.11	195.38	
280	172.16	195.43	
285	168.71	192.08	
290	161.26	184.88	
295	150.49	174.58	
300	136.54	161.45	
305	117.79	144.25	
310	91.64	121.54	
315	61.80	98.61	
320	70.52	104.86	
325	144.63	169.04	
330	253.35	276.19	
335	384.36	410.35	
340	529.15	560.54	
345	678.01	715.77	
350	819.98	864.18	
355	943.82	993.79	

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