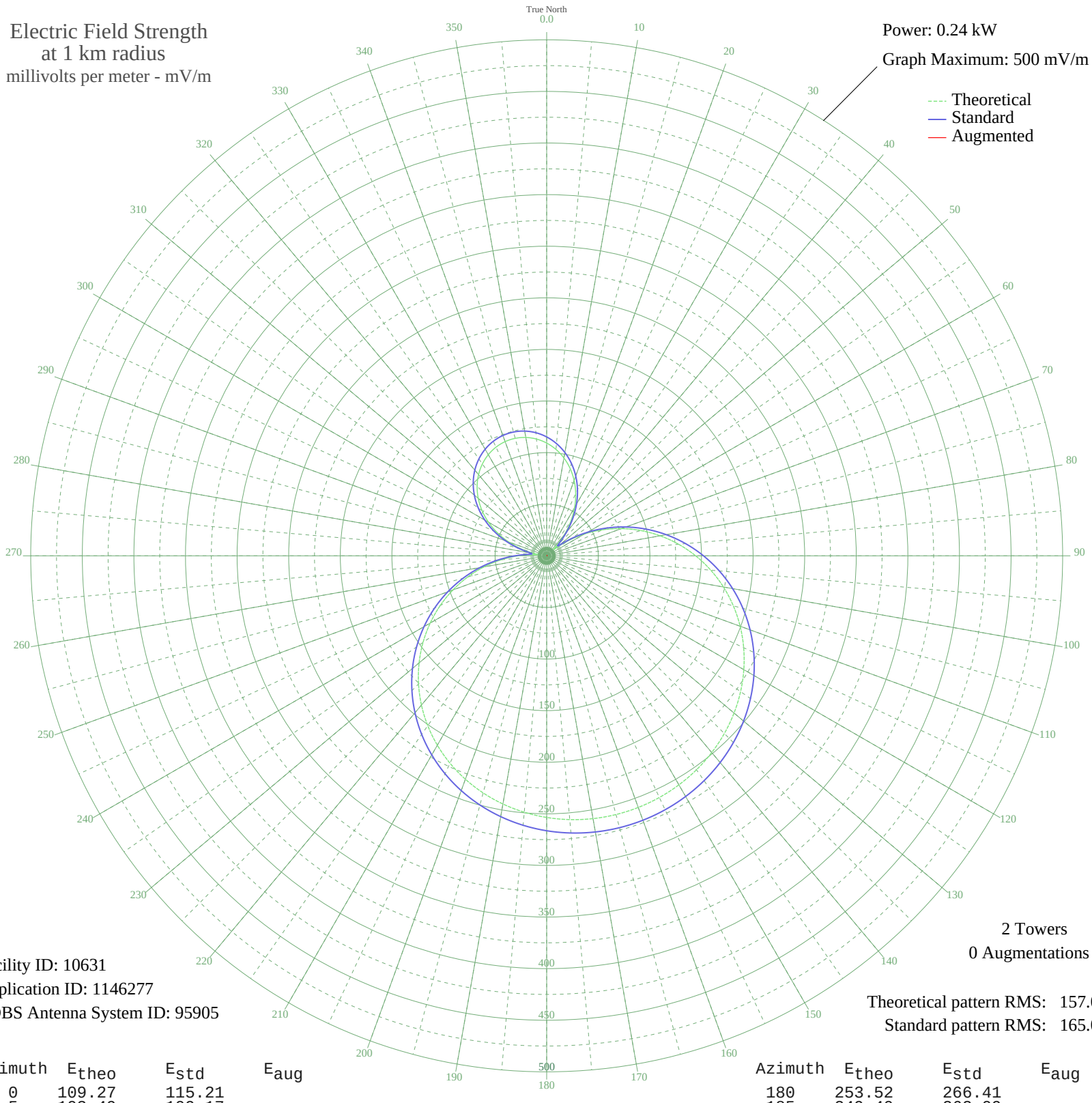
WGSP CHARLOTTE, NC BL-20060815AAD 1310 kHz

Nighttime

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



Power: 0.24 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

Facility ID: 10631
Application ID: 1146277
CDBS Antenna System ID: 95905

2 Towers
0 Augmentations

Theoretical pattern RMS: 157.00
Standard pattern RMS: 165.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	109.27	115.21	
5	103.49	109.17	
10	96.28	101.64	
15	87.68	92.66	
20	77.74	82.30	
25	66.52	70.63	
30	54.12	57.79	
35	40.70	44.00	
40	26.55	29.79	
45	12.97	17.20	
50	11.37	15.90	
55	25.57	28.83	
60	42.29	45.63	
65	59.63	63.49	
70	77.14	81.68	
75	94.57	99.85	
80	111.71	117.76	
85	128.37	135.19	
90	144.38	151.97	
95	159.62	167.93	
100	173.94	182.94	
105	187.27	196.91	
110	199.51	209.75	
115	210.63	221.41	
120	220.59	231.86	
125	229.38	241.08	
130	237.01	249.08	
135	243.49	255.88	
140	248.84	261.49	
145	253.09	265.95	
150	256.26	269.28	
155	258.38	271.50	
160	259.47	272.65	
165	259.53	272.71	
170	258.57	271.70	
175	256.57	269.60	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	253.52	266.41	
185	249.40	262.09	
190	244.19	256.61	
195	237.85	249.96	
200	230.36	242.11	
205	221.71	233.03	
210	211.89	222.73	
215	200.91	211.22	
220	188.80	198.51	
225	175.60	184.68	
230	161.39	169.78	
235	146.26	153.93	
240	130.33	137.24	
245	113.73	119.88	
250	96.65	102.02	
255	79.24	83.86	
260	61.73	65.66	
265	44.35	47.74	
270	27.52	30.74	
275	12.70	16.97	
280	11.65	16.12	
285	24.83	28.11	
290	39.03	42.30	
295	52.56	56.18	
300	65.09	69.15	
305	76.46	80.96	
310	86.56	91.49	
315	95.32	100.64	
320	102.70	108.34	
325	108.65	114.56	
330	113.15	119.27	
335	116.19	122.45	
340	117.76	124.09	
345	117.85	124.19	
350	116.46	122.73	
355	113.60	119.74	

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