

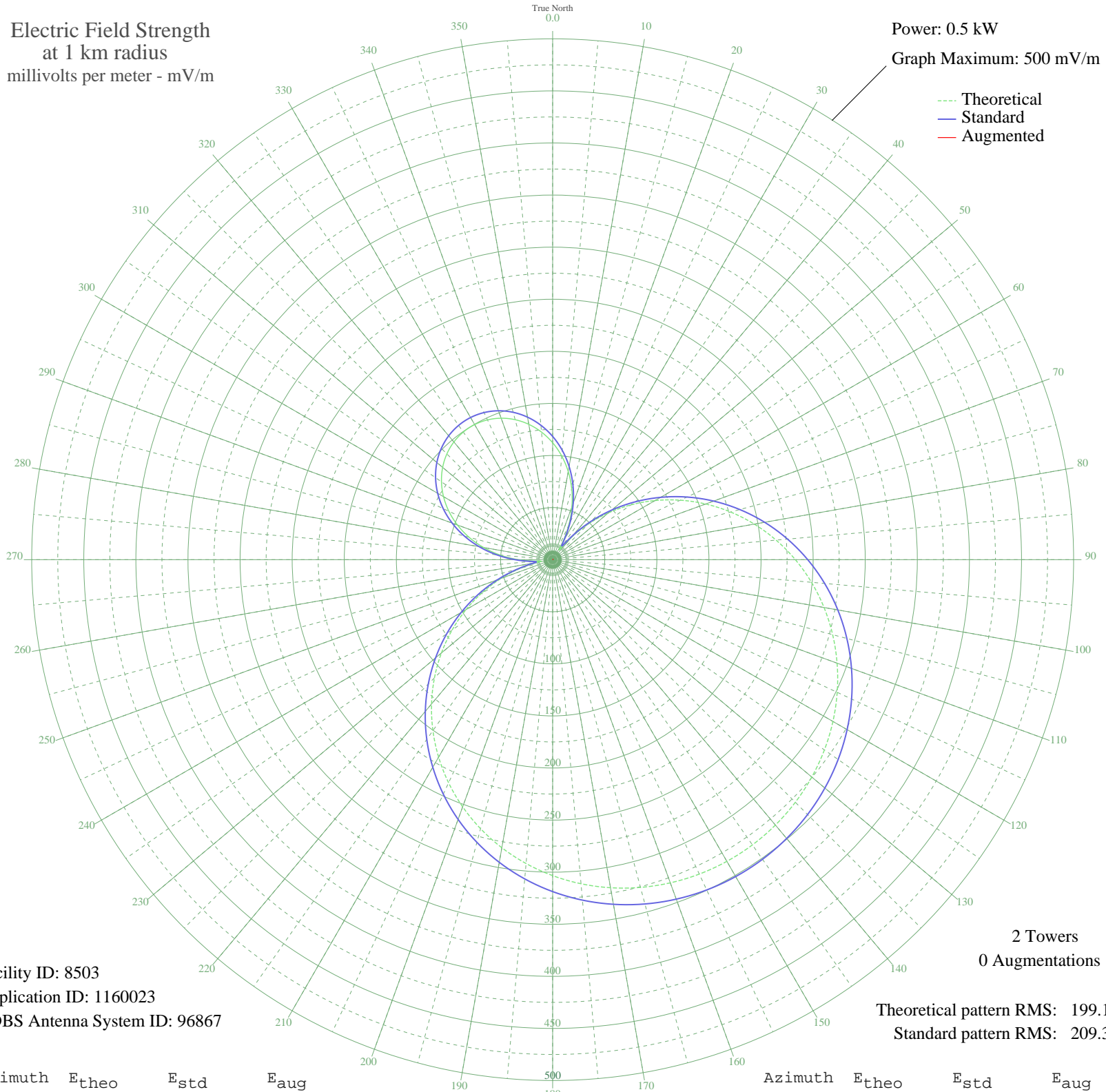
WCRU DALLAS, NC BL-20061101AEO 960 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 8503  
Application ID: 1160023  
CDBS Antenna System ID: 96867

2 Towers  
0 Augmentations

Theoretical pattern RMS: 199.10  
Standard pattern RMS: 209.30

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	112.24	118.32	
5	99.89	105.41	
10	85.98	90.88	
15	70.62	74.89	
20	53.99	57.65	
25	36.40	39.64	
30	18.93	22.48	
35	11.88	16.30	
40	27.87	31.09	
45	48.39	51.89	
50	69.87	74.11	
55	91.67	96.83	
60	113.50	119.64	
65	135.10	142.25	
70	156.27	164.42	
75	176.81	185.94	
80	196.53	206.62	
85	215.29	226.30	
90	232.94	244.81	
95	249.37	262.05	
100	264.49	277.92	
105	278.23	292.33	
110	290.52	305.23	
115	301.33	316.57	
120	310.63	326.33	
125	318.41	334.50	
130	324.66	341.06	
135	329.39	346.02	
140	332.59	349.38	
145	334.26	351.13	
150	334.41	351.29	
155	333.04	349.85	
160	330.15	346.82	
165	325.73	342.18	
170	319.78	335.94	
175	312.31	328.09	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	303.31	318.65	
185	292.80	307.62	
190	280.80	295.03	
195	267.35	280.92	
200	252.51	265.34	
205	236.33	248.37	
210	218.91	230.10	
215	200.36	210.64	
220	180.82	190.15	
225	160.44	168.78	
230	139.38	146.72	
235	117.85	124.18	
240	96.04	101.39	
245	74.21	78.63	
250	52.64	56.26	
255	31.84	35.04	
260	14.04	18.10	
265	15.86	19.68	
270	32.83	36.03	
275	50.53	54.09	
280	67.39	71.53	
285	83.02	87.80	
290	97.23	102.63	
295	109.90	115.88	
300	120.94	127.42	
305	130.27	137.18	
310	137.83	145.10	
315	143.58	151.12	
320	147.49	155.22	
325	149.54	157.37	
330	149.73	157.56	
335	148.05	155.80	
340	144.51	152.09	
345	139.12	146.45	
350	131.92	138.91	
355	122.94	129.52	

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