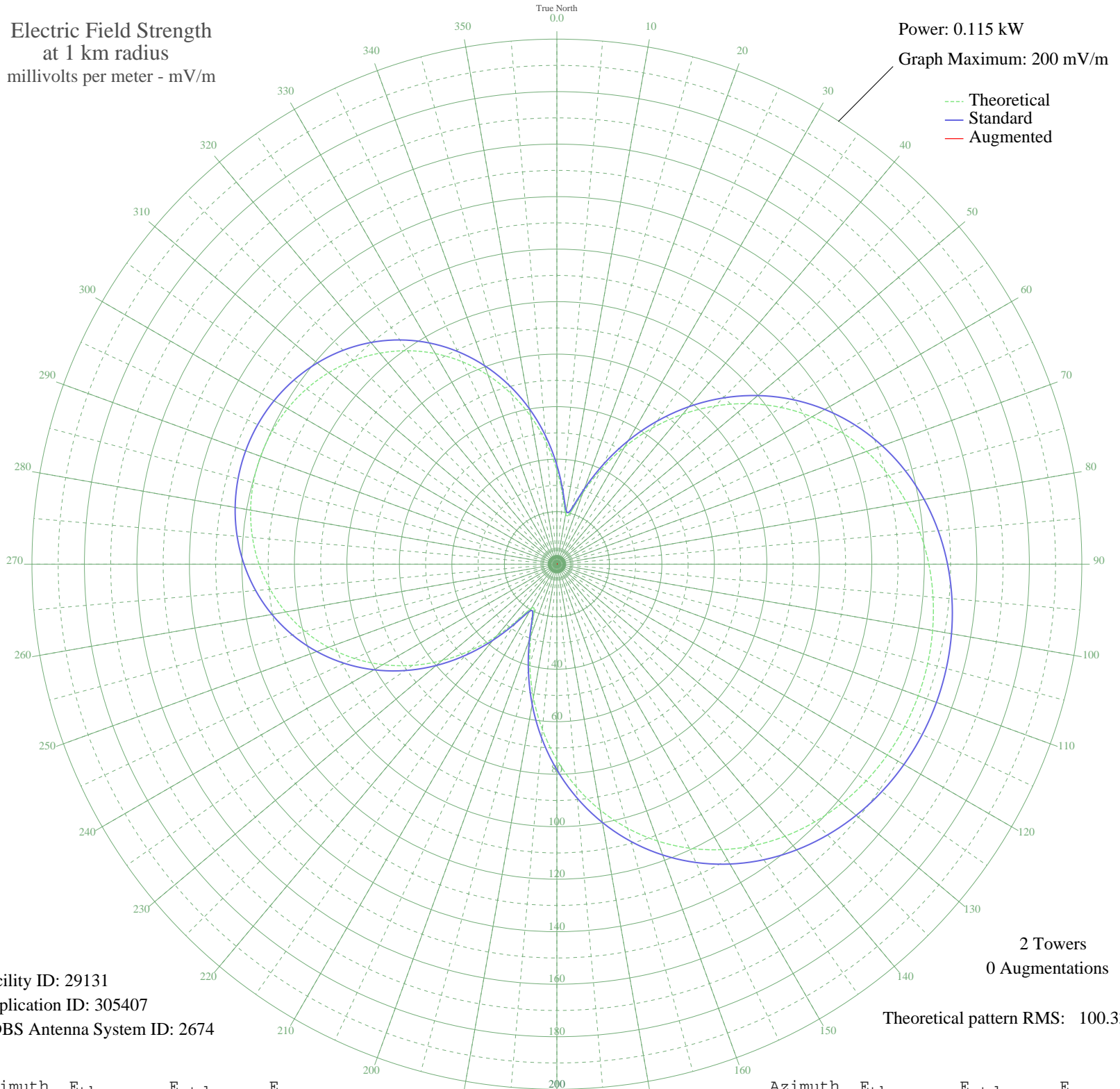


# WSFN BRUNSWICK, GA BL-- 790 kHz

Nighttime

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

Power: 0.115 kW  
Graph Maximum: 200 mV/m



Facility ID: 29131  
Application ID: 305407  
CDBS Antenna System ID: 2674

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 100.33

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	35.77	37.73	
5	25.86	27.39	
10	19.35	20.63	
15	20.62	21.94	
20	28.84	30.49	
25	39.81	41.95	
30	51.52	54.22	
35	63.23	66.48	
40	74.53	78.34	
45	85.20	89.53	
50	95.10	99.92	
55	104.12	109.39	
60	112.22	117.88	
65	119.36	125.38	
70	125.56	131.89	
75	130.85	137.44	
80	135.27	142.08	
85	138.87	145.86	
90	141.72	148.85	
95	143.87	151.10	
100	145.36	152.67	
105	146.24	153.60	
110	146.53	153.90	
115	146.24	153.60	
120	145.36	152.67	
125	143.87	151.10	
130	141.72	148.85	
135	138.87	145.86	
140	135.27	142.08	
145	130.85	137.44	
150	125.56	131.89	
155	119.36	125.38	
160	112.22	117.88	
165	104.12	109.39	
170	95.10	99.92	
175	85.20	89.53	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	74.53	78.34	
185	63.23	66.48	
190	51.53	54.22	
195	39.81	41.95	
200	28.84	30.49	
205	20.62	21.94	
210	19.35	20.63	
215	25.86	27.39	
220	35.77	37.73	
225	46.50	48.96	
230	57.11	60.07	
235	67.20	70.65	
240	76.55	80.45	
245	85.04	89.37	
250	92.62	97.32	
255	99.25	104.27	
260	104.93	110.23	
265	109.67	115.20	
270	113.49	119.21	
275	116.42	122.29	
280	118.49	124.47	
285	119.72	125.76	
290	120.13	126.19	
295	119.72	125.76	
300	118.49	124.47	
305	116.42	122.29	
310	113.49	119.21	
315	109.67	115.20	
320	104.93	110.23	
325	99.25	104.27	
330	92.62	97.32	
335	85.04	89.37	
340	76.55	80.45	
345	67.20	70.65	
350	57.11	60.07	
355	46.50	48.96	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission