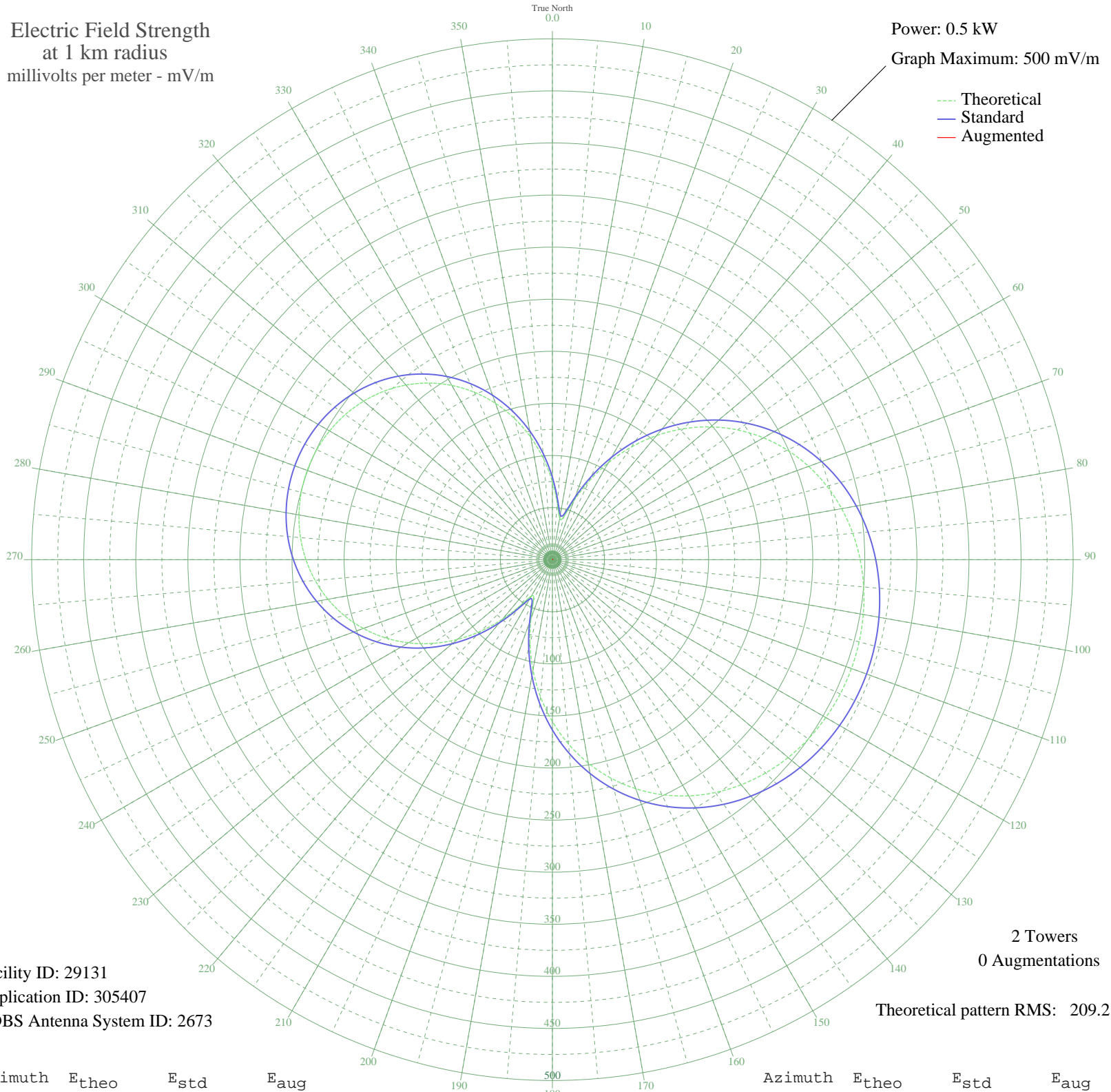


WSFN BRUNSWICK, GA BL-- 790 kHz

Daytime

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

Power: 0.5 kW
Graph Maximum: 500 mV/m



Facility ID: 29131
Application ID: 305407
CDBS Antenna System ID: 2673

2 Towers
0 Augmentations

Theoretical pattern RMS: 209.21

Azimuth	E _{theo}	E _{std}	E _{aug}
0	74.59	79.02	
5	53.92	57.59	
10	40.35	43.65	
15	43.00	46.36	
20	60.14	64.01	
25	83.00	87.78	
30	107.44	113.30	
35	131.84	138.83	
40	155.41	163.52	
45	177.67	186.84	
50	198.30	208.48	
55	217.12	228.22	
60	234.00	245.92	
65	248.89	261.55	
70	261.82	275.11	
75	272.85	286.68	
80	282.06	296.35	
85	289.58	304.24	
90	295.52	310.47	
95	299.99	315.17	
100	303.11	318.44	
105	304.95	320.37	
110	305.56	321.01	
115	304.95	320.37	
120	303.11	318.44	
125	299.99	315.17	
130	295.52	310.47	
135	289.58	304.24	
140	282.06	296.35	
145	272.85	286.68	
150	261.82	275.11	
155	248.89	261.55	
160	234.00	245.92	
165	217.12	228.22	
170	198.30	208.48	
175	177.67	186.84	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	155.41	163.52	
185	131.84	138.83	
190	107.44	113.30	
195	83.00	87.78	
200	60.14	64.01	
205	43.00	46.36	
210	40.35	43.65	
215	53.92	57.59	
220	74.59	79.02	
225	96.96	102.35	
230	119.09	125.48	
235	140.12	147.50	
240	159.62	167.92	
245	177.33	186.50	
250	193.13	203.06	
255	206.96	217.56	
260	218.80	229.98	
265	228.68	240.34	
270	236.64	248.70	
275	242.76	255.11	
280	247.08	259.65	
285	249.65	262.34	
290	250.51	263.24	
295	249.65	262.34	
300	247.08	259.65	
305	242.76	255.11	
310	236.64	248.70	
315	228.68	240.34	
320	218.80	229.98	
325	206.96	217.56	
330	193.13	203.06	
335	177.33	186.50	
340	159.62	167.92	
345	140.12	147.50	
350	119.09	125.48	
355	96.96	102.35	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission