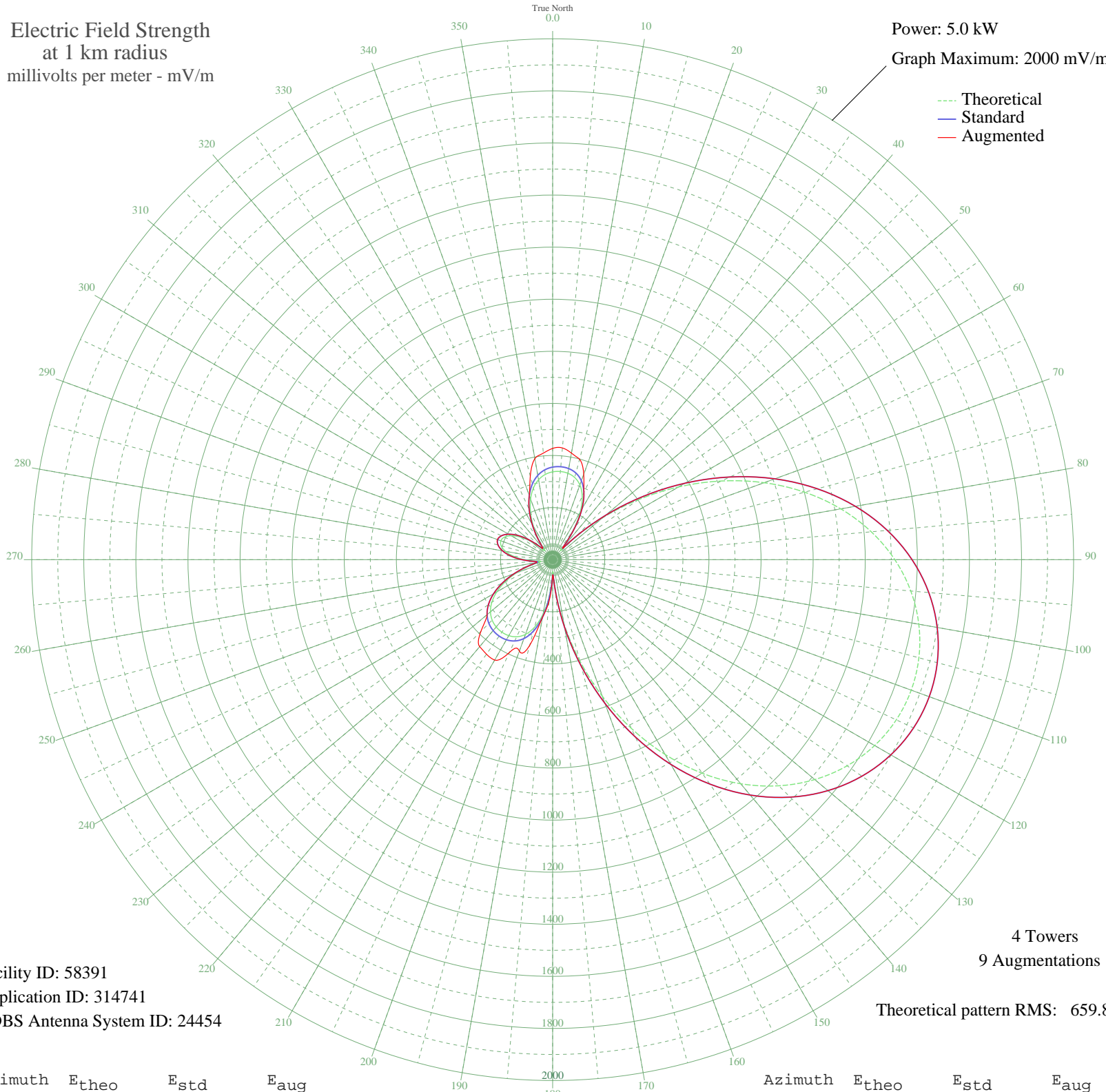


WSJS WINSTON-SALEM, NC BL-- 600 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 58391  
Application ID: 314741  
CDBS Antenna System ID: 24454

4 Towers  
9 Augmentations  
Theoretical pattern RMS: 659.83

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	337.17	355.42	427.21
5	339.83	358.19	430.63
10	336.87	355.10	415.50
15	326.67	344.43	399.24
20	305.46	322.26	348.85
25	268.53	283.70	283.70
30	211.84	224.63	224.63
35	134.06	144.21	144.21
40	50.41	61.51	61.51
45	112.68	122.40	122.40
50	249.47	263.81	263.81
55	401.21	422.44	422.44
60	558.62	587.38	587.38
65	714.80	751.20	751.20
70	863.92	907.66	907.66
75	1001.26	1051.79	1051.79
80	1123.33	1179.92	1179.92
85	1227.88	1289.65	1289.65
90	1313.64	1379.68	1379.68
95	1380.14	1449.48	1449.48
100	1427.38	1499.07	1499.07
105	1455.57	1528.67	1528.67
110	1464.94	1538.50	1538.50
115	1455.57	1528.67	1528.67
120	1427.38	1499.07	1499.07
125	1380.14	1449.49	1449.49
130	1313.64	1379.68	1379.68
135	1227.88	1289.65	1289.65
140	1123.33	1179.92	1179.92
145	1001.26	1051.79	1051.79
150	863.92	907.66	907.66
155	714.80	751.20	751.20
160	558.62	587.38	587.38
165	401.21	422.44	422.44
170	249.47	263.81	263.81
175	112.69	122.40	122.40

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	50.41	61.51	61.51
185	134.06	144.21	160.93
190	211.84	224.63	224.63
195	268.53	283.70	340.97
200	305.46	322.26	373.67
205	326.67	344.43	393.33
210	336.87	355.10	445.26
215	339.83	358.19	443.04
220	337.17	355.42	436.04
225	328.35	346.19	389.56
230	311.54	328.61	328.61
235	284.93	300.82	300.82
240	247.81	262.08	262.08
245	201.00	213.37	213.37
250	147.06	157.56	157.56
255	90.99	100.55	100.55
260	48.20	59.53	63.04
265	63.02	73.22	73.53
270	108.16	117.82	117.82
275	150.77	161.38	161.38
280	183.78	195.50	195.50
285	204.48	216.98	216.98
290	211.52	224.30	225.87
295	204.48	216.98	216.98
300	183.78	195.50	195.50
305	150.77	161.38	161.38
310	108.16	117.82	117.82
315	63.02	73.22	73.22
320	48.20	59.53	59.53
325	90.99	100.55	100.55
330	147.06	157.56	157.56
335	201.01	213.37	213.37
340	247.81	262.08	262.08
345	284.93	300.82	331.76
350	311.54	328.61	393.82
355	328.35	346.19	410.71

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission