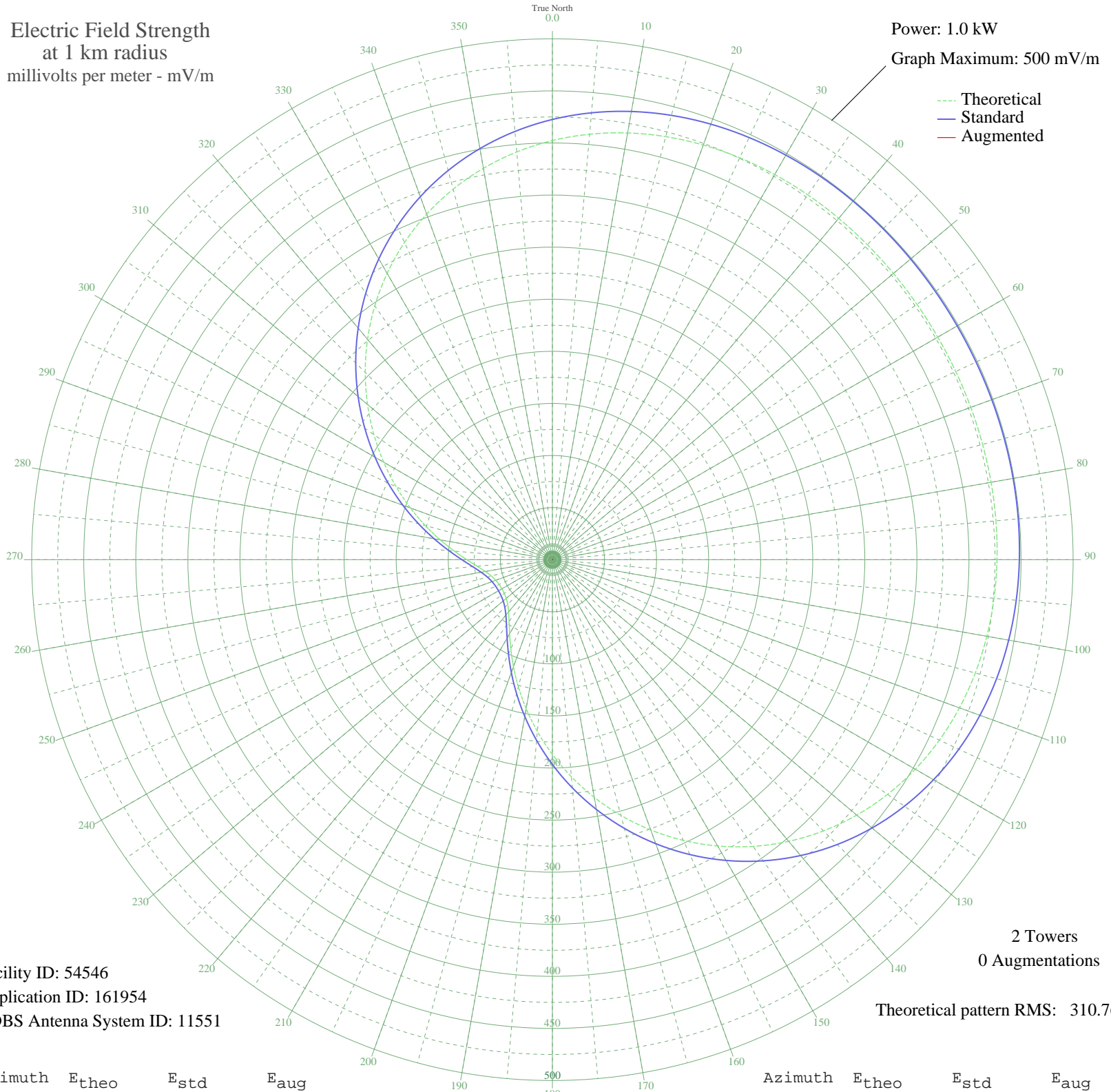


# WTLA NORTH SYRACUSE, NY BL-19910604AB 1200 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 54546  
Application ID: 161954  
CDBS Antenna System ID: 11551

Theoretical pattern RMS: 310.76

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	402.33	422.57	
5	409.98	430.60	
10	415.95	436.87	
15	420.42	441.56	
20	423.59	444.89	
25	425.68	447.08	
30	426.91	448.38	
35	427.52	449.02	
40	427.71	449.22	
45	427.65	449.16	
50	427.50	449.00	
55	427.37	448.86	
60	427.31	448.80	
65	427.37	448.86	
70	427.50	449.00	
75	427.65	449.16	
80	427.71	449.22	
85	427.52	449.02	
90	426.91	448.38	
95	425.68	447.08	
100	423.59	444.89	
105	420.42	441.56	
110	415.95	436.87	
115	409.98	430.60	
120	402.33	422.57	
125	392.86	412.63	
130	381.49	400.70	
135	368.18	386.74	
140	352.99	370.78	
145	335.99	352.95	
150	317.36	333.39	
155	297.32	312.36	
160	276.14	290.14	
165	254.15	267.07	
170	231.71	243.52	
175	209.20	219.91	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	187.00	196.63	
185	165.53	174.12	
190	145.17	152.79	
195	126.31	133.04	
200	109.31	115.26	
205	94.52	99.80	
210	82.20	86.95	
215	72.52	76.86	
220	65.44	69.51	
225	60.71	64.60	
230	57.88	61.67	
235	56.44	60.19	
240	56.01	59.74	
245	56.44	60.19	
250	57.88	61.67	
255	60.71	64.60	
260	65.44	69.51	
265	72.52	76.86	
270	82.20	86.95	
275	94.52	99.80	
280	109.31	115.26	
285	126.31	133.04	
290	145.17	152.79	
295	165.53	174.12	
300	187.00	196.63	
305	209.20	219.91	
310	231.71	243.52	
315	254.15	267.07	
320	276.14	290.14	
325	297.32	312.36	
330	317.36	333.39	
335	335.99	352.95	
340	352.99	370.78	
345	368.18	386.74	
350	381.49	400.70	
355	392.86	412.63	

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission