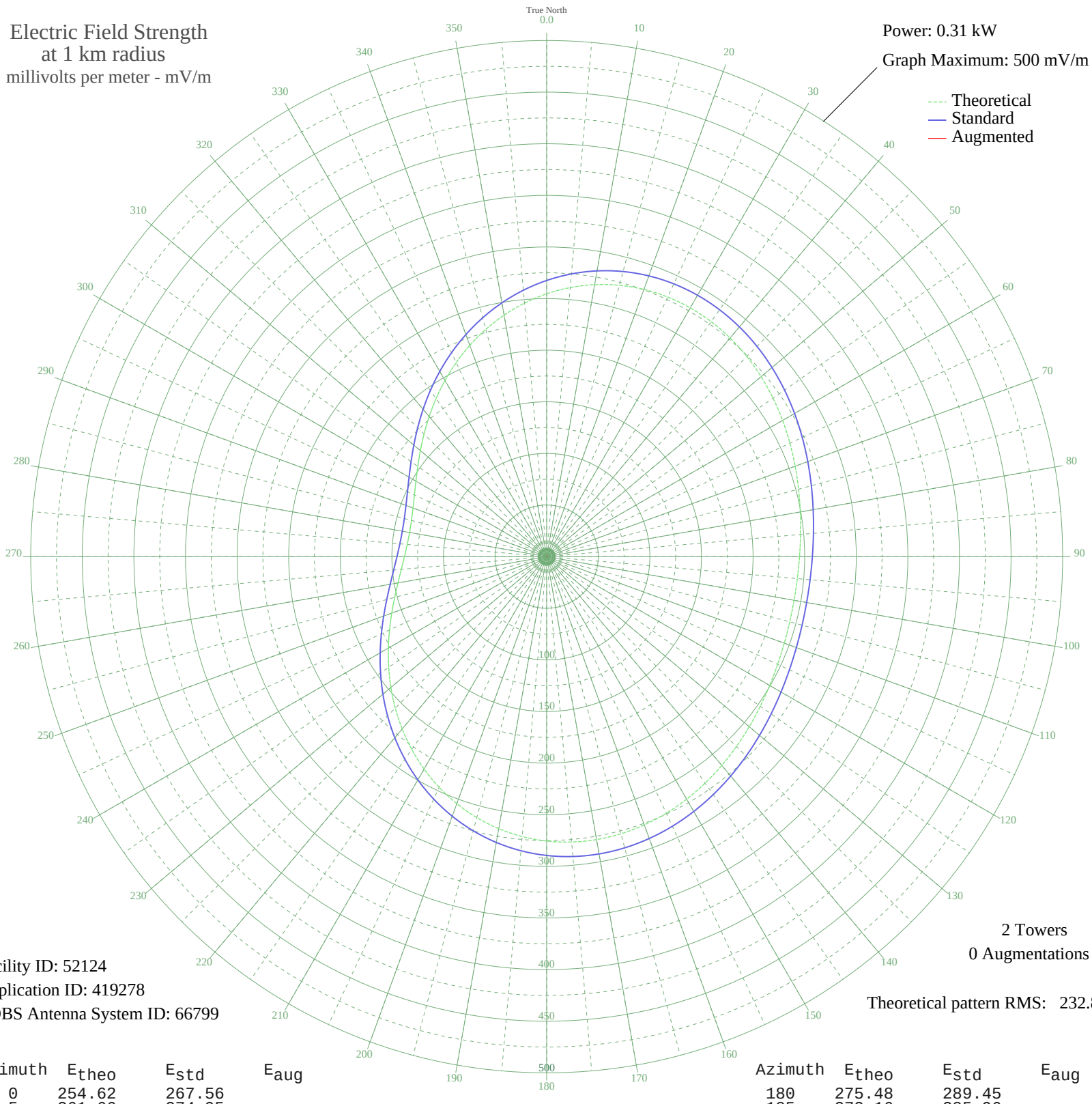
WPIE TRUMANSBURG, NY BL-19950520AC 1160 kHz

Nighttime

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



Power: 0.31 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 52124
Application ID: 419278
CDBS Antenna System ID: 66799

Theoretical pattern RMS: 232.88

Azimuth	E_{theo}	E_{std}	E_{aug}
0	254.62	267.56	
5	261.66	274.95	
10	267.54	281.11	
15	272.16	285.96	
20	275.48	289.45	
25	277.51	291.58	
30	278.30	292.40	
35	277.93	292.02	
40	276.53	290.54	
45	274.25	288.15	
50	271.27	285.02	
55	267.78	281.36	
60	263.98	277.38	
65	260.07	273.28	
70	256.25	269.26	
75	252.68	265.52	
80	249.54	262.22	
85	246.94	259.50	
90	245.01	257.48	
95	243.82	256.23	
100	243.42	255.81	
105	243.82	256.23	
110	245.01	257.48	
115	246.94	259.50	
120	249.54	262.22	
125	252.68	265.52	
130	256.25	269.26	
135	260.07	273.28	
140	263.98	277.38	
145	267.78	281.36	
150	271.26	285.02	
155	274.25	288.15	
160	276.53	290.54	
165	277.93	292.02	
170	278.30	292.40	
175	277.51	291.58	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	275.48	289.45	
185	272.16	285.96	
190	267.54	281.11	
195	261.66	274.95	
200	254.62	267.56	
205	246.54	259.08	
210	237.58	249.68	
215	227.93	239.56	
220	217.81	228.94	
225	207.44	218.07	
230	197.06	207.17	
235	186.88	196.50	
240	177.14	186.29	
245	168.03	176.74	
250	159.75	168.07	
255	152.46	160.43	
260	146.30	153.98	
265	141.40	148.84	
270	137.83	145.10	
275	135.66	142.83	
280	134.93	142.07	
285	135.66	142.83	
290	137.83	145.10	
295	141.40	148.84	
300	146.30	153.98	
305	152.46	160.43	
310	159.75	168.07	
315	168.03	176.74	
320	177.14	186.29	
325	186.88	196.50	
330	197.06	207.17	
335	207.44	218.07	
340	217.81	228.94	
345	227.93	239.56	
350	237.58	249.68	
355	246.54	259.08	

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