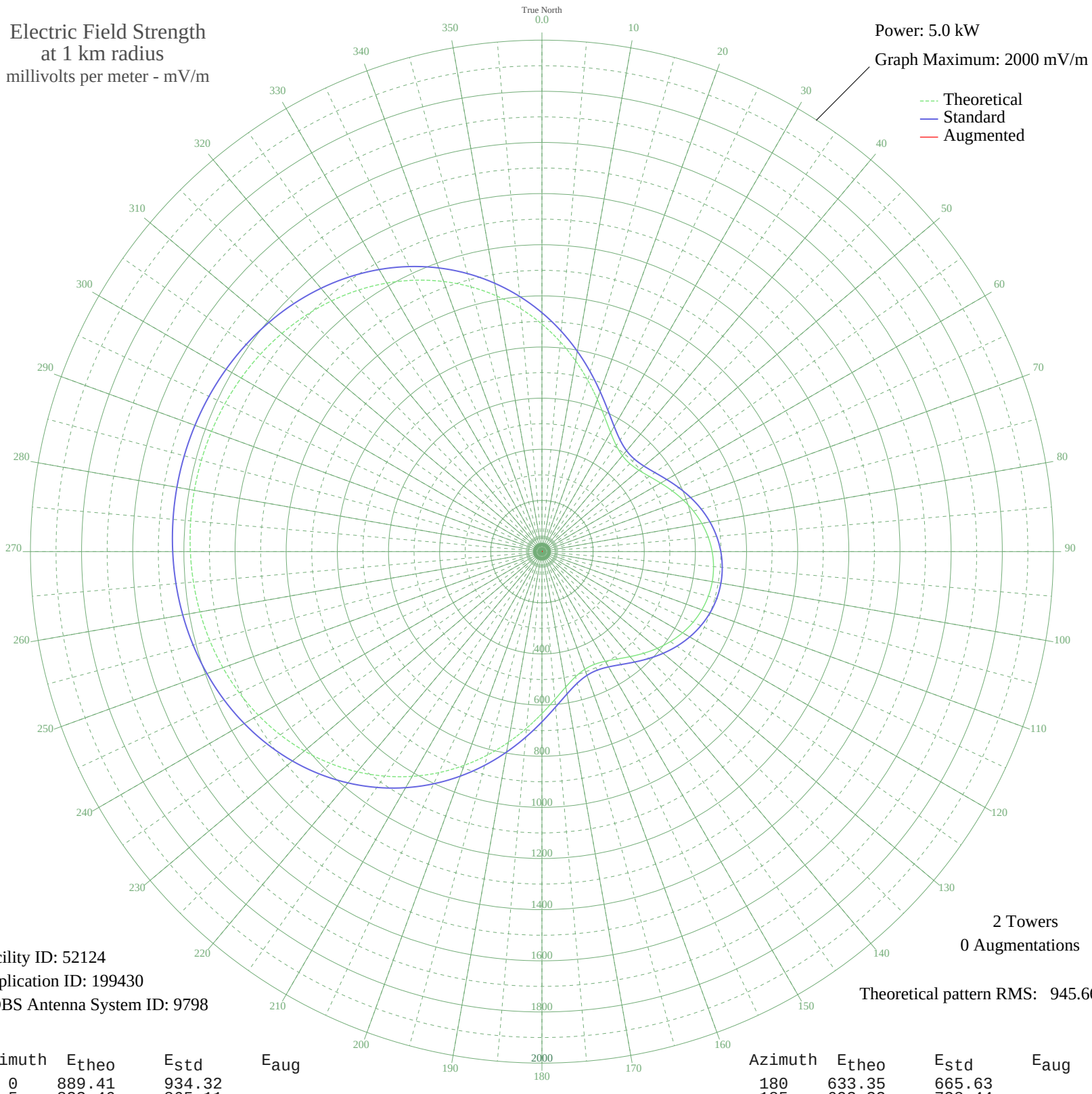
WPIE TRUMANSBURG, NY BL-19940520AC 1160 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 52124
Application ID: 199430
CDBS Antenna System ID: 9798

Theoretical pattern RMS: 945.66

Azimuth	E_{theo}	E_{std}	E_{aug}
0	889.41	934.32	
5	823.46	865.11	
10	757.39	795.77	
15	693.22	728.44	
20	633.35	665.63	
25	580.48	610.17	
30	537.43	565.02	
35	506.66	532.75	
40	489.67	514.94	
45	486.37	511.49	
50	495.01	520.54	
55	512.66	539.05	
60	536.05	563.57	
65	562.15	590.95	
70	588.49	618.57	
75	613.17	644.46	
80	634.83	667.18	
85	652.50	685.71	
90	665.52	699.38	
95	673.49	707.74	
100	676.17	710.55	
105	673.49	707.74	
110	665.52	699.38	
115	652.50	685.71	
120	634.83	667.18	
125	613.17	644.46	
130	588.49	618.57	
135	562.15	590.95	
140	536.05	563.57	
145	512.66	539.05	
150	495.01	520.54	
155	486.37	511.49	
160	489.67	514.94	
165	506.66	532.75	
170	537.43	565.02	
175	580.48	610.17	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	633.35	665.63	
185	693.22	728.44	
190	757.39	795.77	
195	823.46	865.11	
200	889.41	934.32	
205	953.58	1001.67	
210	1014.67	1065.79	
215	1071.69	1125.63	
220	1123.94	1180.48	
225	1170.99	1229.87	
230	1212.64	1273.59	
235	1248.88	1311.64	
240	1279.88	1344.18	
245	1305.91	1371.50	
250	1327.32	1393.98	
255	1344.52	1412.03	
260	1357.91	1426.09	
265	1367.87	1436.55	
270	1374.73	1443.75	
275	1378.75	1447.97	
280	1380.07	1449.35	
285	1378.75	1447.97	
290	1374.73	1443.75	
295	1367.87	1436.55	
300	1357.91	1426.09	
305	1344.52	1412.03	
310	1327.32	1393.98	
315	1305.91	1371.50	
320	1279.88	1344.18	
325	1248.88	1311.64	
330	1212.64	1273.59	
335	1170.99	1229.87	
340	1123.94	1180.48	
345	1071.69	1125.63	
350	1014.67	1065.79	
355	953.58	1001.67	

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