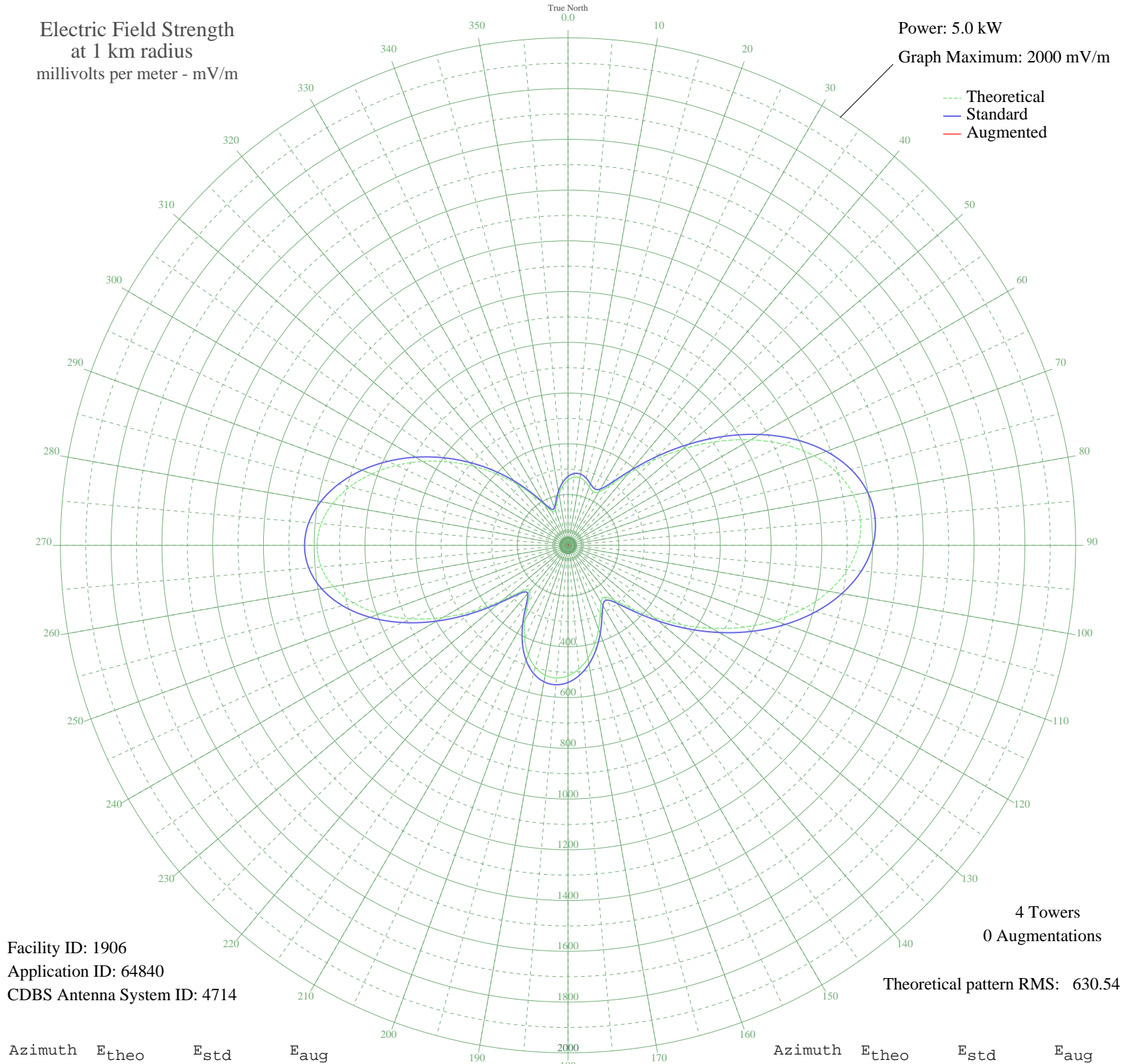


WDCX ROCHESTER, NY BL-19831223AC 990 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 1906
Application ID: 64840
CDBS Antenna System ID: 4714

4 Towers
0 Augmentations

Theoretical pattern RMS: 630.54

Azimuth	E _{theo}	E _{std}	E _{aug}
0	257.55	271.44	
5	269.66	284.12	
10	270.33	284.82	
15	260.57	274.60	
20	244.80	258.11	
25	233.35	246.14	
30	243.02	256.25	
35	287.81	303.11	
40	367.24	386.31	
45	471.34	495.46	
50	589.46	619.38	
55	712.29	748.28	
60	831.60	873.49	
65	939.95	987.23	
70	1030.93	1082.73	
75	1099.42	1154.63	
80	1141.90	1199.23	
85	1156.64	1214.70	
90	1143.72	1201.13	
95	1104.87	1160.35	
100	1043.15	1095.56	
105	962.58	1010.98	
110	867.69	911.38	
115	763.25	801.76	
120	654.04	687.14	
125	544.91	572.64	
130	441.26	463.92	
135	350.11	368.36	
140	281.94	296.97	
145	250.19	263.75	
150	260.34	274.36	
155	300.15	316.03	
160	352.27	370.62	
165	405.09	425.99	
170	452.09	475.28	
175	489.39	514.39	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	514.33	540.55	
185	524.93	551.68	
190	519.70	546.19	
195	497.72	523.13	
200	458.88	482.40	
205	404.59	425.47	
210	339.19	356.93	
215	273.76	288.41	
220	233.94	246.75	
225	254.73	268.50	
230	335.81	353.38	
235	447.67	470.64	
240	568.50	597.39	
245	685.44	720.10	
250	789.88	829.71	
255	875.63	919.71	
260	938.52	985.72	
265	976.28	1025.36	
270	988.50	1038.19	
275	976.37	1025.46	
280	942.42	989.82	
285	890.04	934.84	
290	823.11	864.58	
295	745.55	783.18	
300	661.06	694.51	
305	572.97	602.08	
310	484.19	508.94	
315	397.37	417.90	
320	315.30	331.90	
325	241.65	254.82	
330	182.63	193.19	
335	148.67	157.85	
340	148.05	157.22	
345	172.24	182.37	
350	204.76	216.28	
355	234.99	247.86	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission