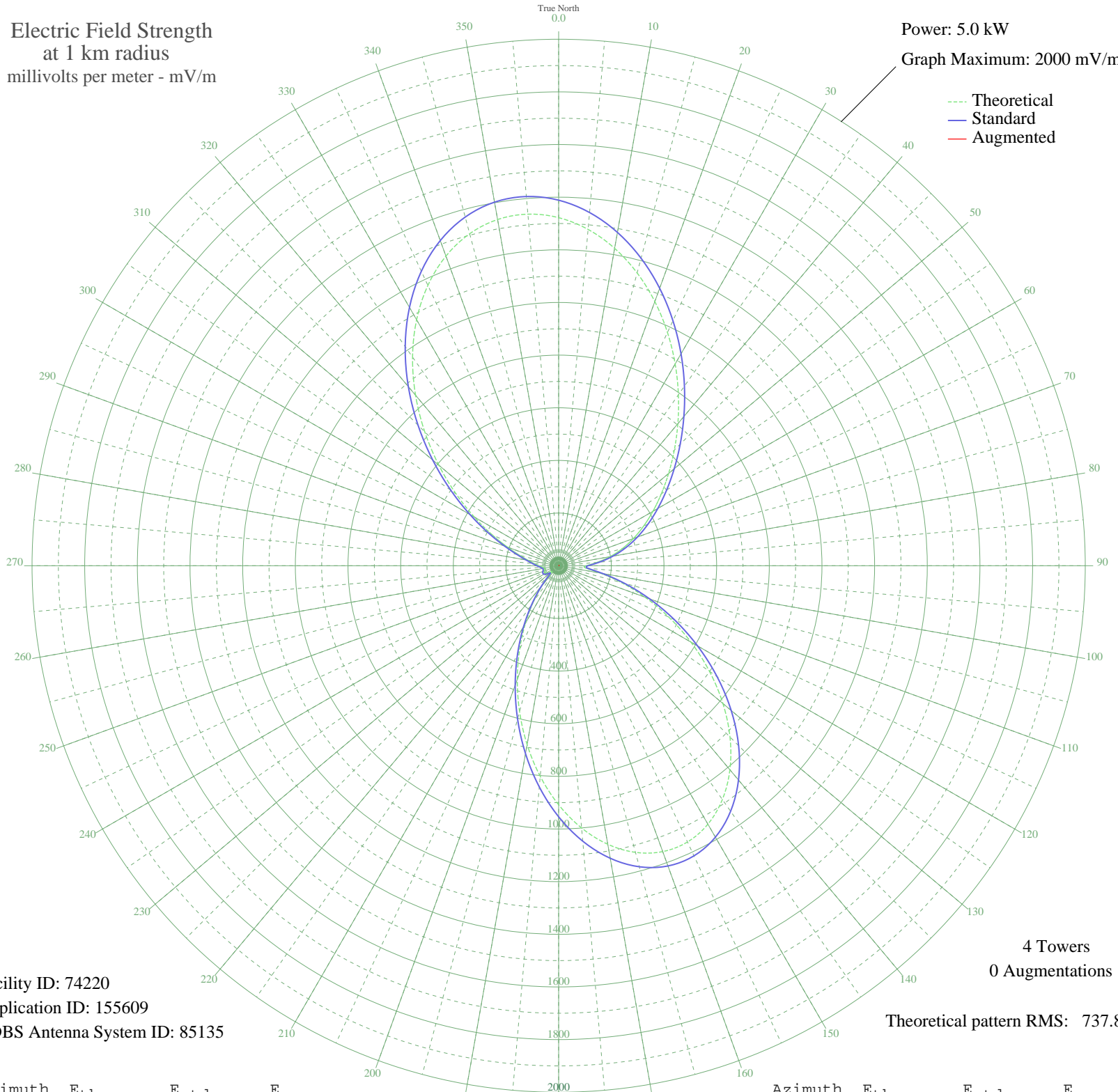


# WXXI ROCHESTER, NY BL-19901219AB 1370 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 74220  
Application ID: 155609  
CDBS Antenna System ID: 85135

Theoretical pattern RMS: 737.81

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1322.27	1388.59	
5	1282.49	1346.83	
10	1224.34	1285.78	
15	1151.50	1209.30	
20	1067.97	1121.62	
25	977.85	1027.02	
30	885.01	929.56	
35	792.89	832.87	
40	704.31	739.90	
45	621.32	652.81	
50	545.10	572.84	
55	475.96	500.32	
60	413.36	434.67	
65	356.02	374.57	
70	302.18	318.17	
75	249.90	263.45	
80	197.68	208.91	
85	146.17	155.28	
90	104.35	112.09	
95	103.72	111.44	
100	159.67	169.31	
105	246.14	259.53	
110	348.73	366.93	
115	461.45	485.10	
120	579.82	609.27	
125	699.17	734.50	
130	814.43	855.48	
135	920.35	966.66	
140	1011.79	1062.64	
145	1084.13	1138.58	
150	1133.68	1190.59	
155	1157.90	1216.02	
160	1155.66	1213.68	
165	1127.28	1183.88	
170	1074.43	1128.40	
175	1000.06	1050.33	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	908.05	953.75	
185	803.00	843.48	
190	689.85	724.73	
195	573.61	602.75	
200	459.08	482.61	
205	350.59	368.88	
210	251.90	265.55	
215	166.13	176.03	
220	96.06	103.59	
225	46.40	54.15	
230	32.93	41.88	
235	46.87	54.59	
240	57.33	64.67	
245	59.69	66.98	
250	56.57	63.92	
255	52.94	60.40	
260	54.21	61.63	
265	62.37	69.62	
270	75.60	82.82	
275	93.01	100.48	
280	117.29	125.41	
285	153.67	163.08	
290	206.87	218.50	
295	279.00	293.90	
300	369.48	388.67	
305	475.78	500.13	
310	593.97	624.11	
315	719.07	755.40	
320	845.49	888.07	
325	967.33	1015.97	
330	1078.91	1133.10	
335	1175.10	1234.08	
340	1251.70	1314.49	
345	1305.70	1371.19	
350	1335.45	1402.42	
355	1340.64	1407.87	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission