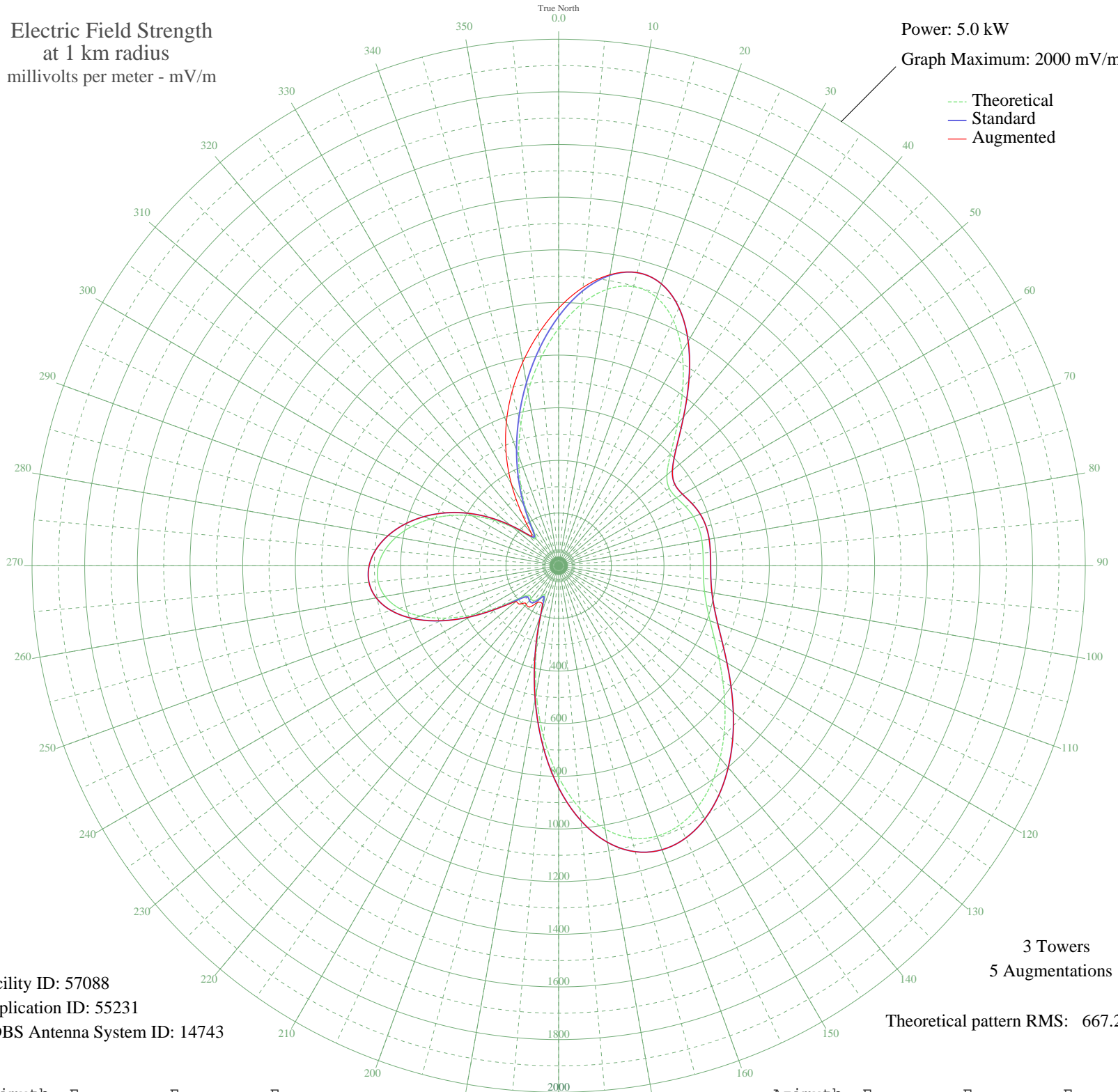


# WGAM MANCHESTER, NH BL-19830331AD 1250 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 57088  
Application ID: 55231  
CDBS Antenna System ID: 14743

3 Towers  
5 Augmentations  
Theoretical pattern RMS: 667.27

Azimuth	Etheo	Estd	Eaug
0	901.79	947.17	978.50
5	997.86	1048.01	1061.28
10	1066.44	1120.01	1122.64
15	1097.60	1152.72	1152.72
20	1085.31	1139.82	1139.82
25	1029.47	1081.20	1081.20
30	936.95	984.08	984.08
35	821.48	862.87	862.87
40	702.33	737.82	737.82
45	601.42	631.93	631.93
50	536.78	564.11	564.11
55	512.68	538.83	538.83
60	516.87	543.23	543.23
65	531.60	558.68	558.68
70	544.65	572.36	572.36
75	551.39	579.43	579.43
80	552.31	580.40	580.40
85	550.39	578.38	578.38
90	549.25	577.20	577.20
95	552.36	580.45	580.45
100	562.56	591.16	591.16
105	581.99	611.54	611.54
110	611.86	642.89	642.89
115	652.36	685.38	685.38
120	702.60	738.11	738.11
125	760.78	799.16	799.16
130	824.28	865.81	865.81
135	889.86	934.64	934.64
140	953.66	1001.62	1001.62
145	1011.25	1062.07	1062.07
150	1057.52	1110.64	1110.64
155	1086.80	1141.38	1141.38
160	1093.13	1148.02	1148.02
165	1070.86	1124.65	1124.65
170	1015.66	1066.70	1066.70
175	925.66	972.23	972.23

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	802.74	843.21	843.21
185	653.43	686.50	686.50
190	489.29	514.29	514.29
195	327.01	344.16	344.16
200	190.71	201.62	201.62
205	122.82	131.08	155.04
210	138.27	147.07	161.04
215	161.91	171.62	190.84
220	162.74	172.48	191.57
225	158.09	167.65	205.79
230	189.09	199.93	212.36
235	267.58	281.94	282.23
240	368.98	388.14	388.14
245	470.82	494.92	494.92
250	559.23	587.66	587.66
255	626.51	658.25	658.25
260	669.47	703.34	703.34
265	688.27	723.06	723.06
270	685.14	719.78	719.78
275	663.38	696.94	696.94
280	626.42	658.16	658.16
285	577.30	606.62	606.62
290	518.48	544.91	544.91
295	451.85	475.02	475.02
300	379.15	398.80	398.80
305	302.57	318.57	318.57
310	226.25	238.72	238.72
315	160.74	170.40	170.40
320	134.14	142.79	162.13
325	171.68	181.79	247.06
330	248.55	262.03	359.16
335	341.79	359.64	472.24
340	444.56	467.38	580.42
345	555.07	583.30	683.97
350	671.49	705.46	784.93
355	789.57	829.38	884.05