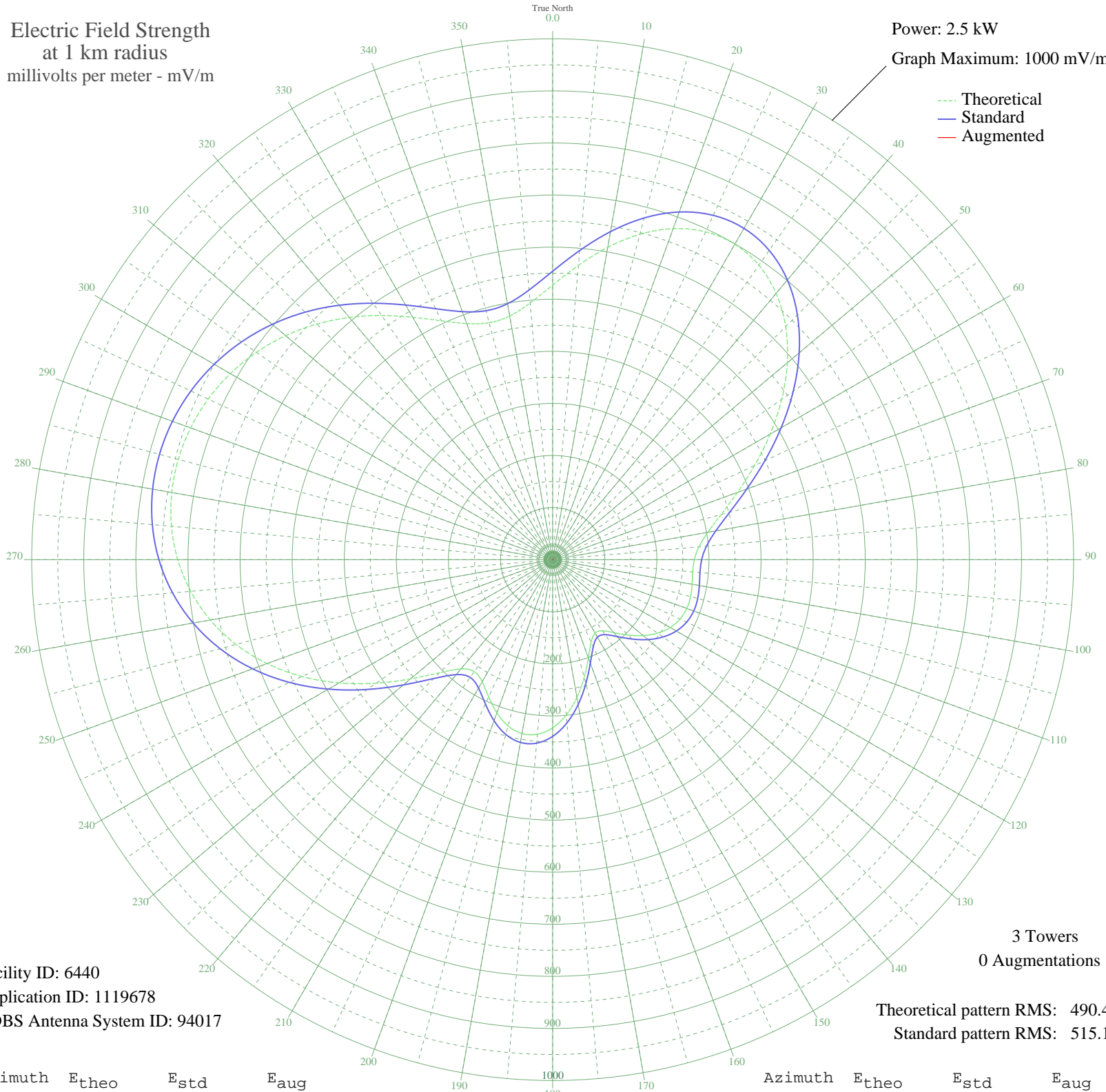


# WDGY HUDSON, WI BL-20060308AMC 740 kHz

Daytime

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

Power: 2.5 kW  
Graph Maximum: 1000 mV/m



Facility ID: 6440  
Application ID: 1119678  
CDBS Antenna System ID: 94017

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 490.40  
Standard pattern RMS: 515.19

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	527.17	553.78	
5	567.19	595.78	
10	608.84	639.49	
15	646.68	679.22	
20	676.30	710.30	
25	694.49	729.40	
30	699.33	734.49	
35	690.15	724.85	
40	667.41	700.97	
45	632.60	664.44	
50	588.05	617.68	
55	536.74	563.82	
60	482.05	506.43	
65	427.68	449.38	
70	377.38	396.60	
75	334.69	351.82	
80	302.43	317.98	
85	281.84	296.39	
90	271.98	286.06	
95	269.91	283.89	
100	271.79	285.86	
105	274.06	288.25	
110	274.00	288.18	
115	269.81	283.79	
120	260.53	274.06	
125	245.97	258.80	
130	226.76	238.67	
135	204.62	215.49	
140	182.84	192.69	
145	166.73	175.85	
150	162.83	171.77	
155	174.93	184.43	
160	200.70	211.39	
165	233.94	246.20	
170	268.45	282.36	
175	299.30	314.70	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	322.81	339.35	
185	336.47	353.68	
190	338.98	356.32	
195	330.49	347.42	
200	312.95	329.01	
205	290.60	305.58	
210	270.58	284.59	
215	262.33	275.95	
220	273.98	288.16	
225	306.98	322.76	
230	355.95	374.12	
235	413.45	434.44	
240	473.21	497.15	
245	530.81	557.60	
250	583.37	612.76	
255	629.12	660.79	
260	667.20	700.76	
265	697.31	732.36	
270	719.60	755.76	
275	734.45	771.35	
280	742.38	779.68	
285	743.91	781.28	
290	739.51	776.66	
295	729.55	766.21	
300	714.34	750.24	
305	694.09	728.99	
310	669.10	702.75	
315	639.81	672.01	
320	607.02	637.59	
325	572.12	600.96	
330	537.35	564.47	
335	506.02	531.58	
340	482.38	506.77	
345	470.94	494.76	
350	474.93	498.95	
355	494.67	519.67	

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.

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03 Jul 2009

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission