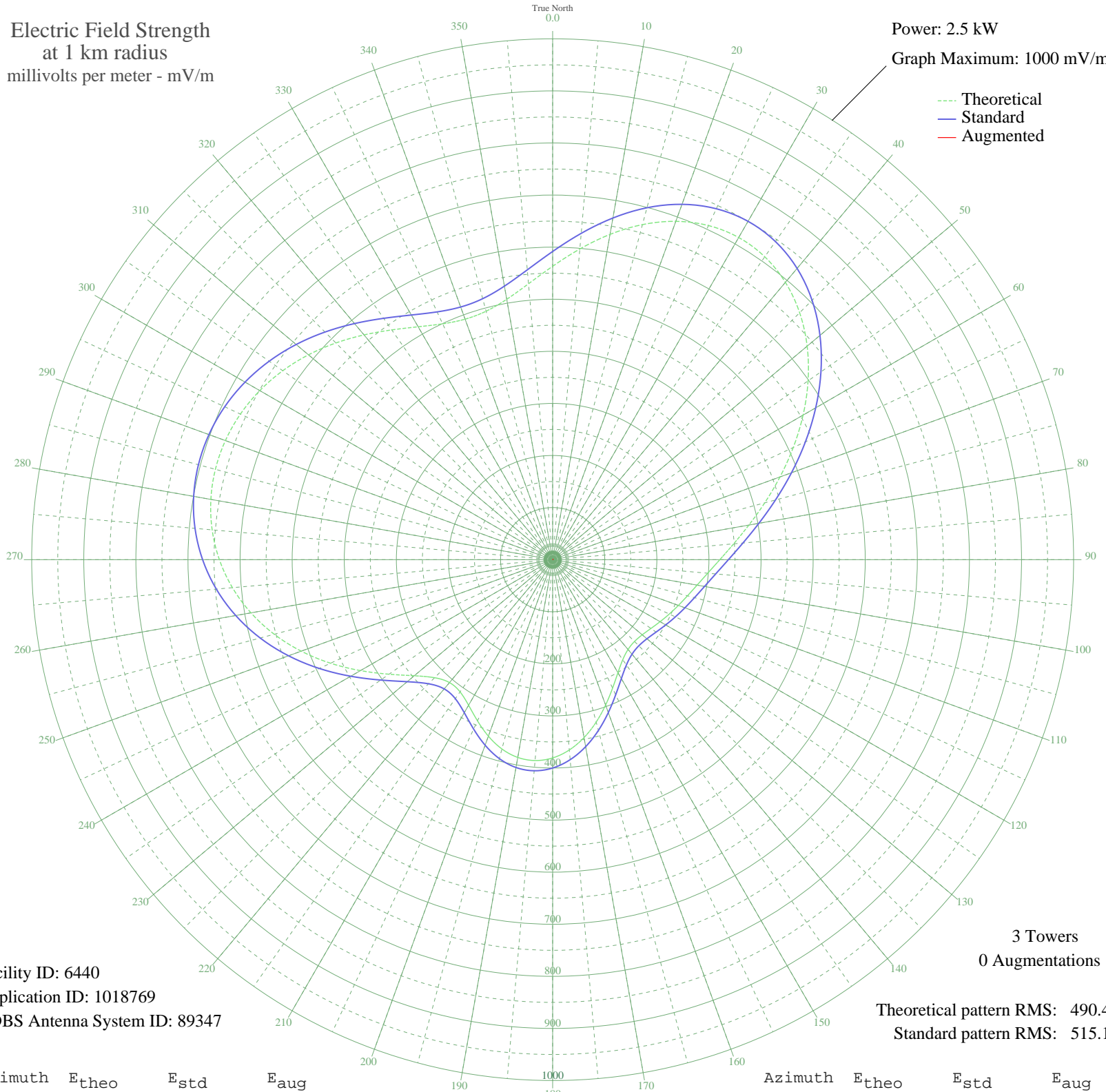


WMIN HUDSON, WI BP-20050207ABY 740 kHz

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: 1018769
CDBS Antenna System ID: 89347

3 Towers
0 Augmentations

Theoretical pattern RMS: 490.40
Standard pattern RMS: 515.19

Azimuth	E _{theo}	E _{std}	E _{aug}
0	563.30	591.70	
5	598.74	628.90	
10	634.15	666.07	
15	665.97	699.47	
20	691.25	726.01	
25	707.80	743.38	
30	714.21	750.10	
35	709.89	745.58	
40	695.04	729.99	
45	670.51	704.23	
50	637.72	669.82	
55	598.53	628.68	
60	555.08	583.07	
65	509.61	535.36	
70	464.37	487.88	
75	421.42	442.81	
80	382.48	401.95	
85	348.79	366.61	
90	320.93	337.39	
95	298.77	314.15	
100	281.51	296.06	
105	267.95	281.85	
110	256.80	270.16	
115	247.02	259.91	
120	238.12	250.58	
125	230.28	242.38	
130	224.45	236.27	
135	222.16	233.87	
140	225.11	236.96	
145	234.55	246.85	
150	250.62	263.69	
155	272.16	286.26	
160	297.09	312.39	
165	322.86	339.42	
170	346.88	364.62	
175	366.81	385.51	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	380.68	400.07	
185	387.14	406.85	
190	385.57	405.20	
195	376.27	395.44	
200	360.65	379.05	
205	341.42	358.88	
210	322.72	339.27	
215	309.83	325.76	
220	308.04	323.88	
225	320.51	336.95	
230	346.78	364.51	
235	383.44	402.96	
240	426.01	447.63	
245	470.45	494.26	
250	513.62	539.56	
255	553.31	581.22	
260	588.07	617.70	
265	617.02	648.09	
270	639.74	671.94	
275	656.11	689.12	
280	666.20	699.72	
285	670.24	703.95	
290	668.51	702.13	
295	661.34	694.61	
300	649.15	681.82	
305	632.44	664.27	
310	611.87	642.69	
315	588.39	618.03	
320	563.31	591.72	
325	538.48	565.65	
330	516.30	542.37	
335	499.62	524.87	
340	491.38	516.22	
345	493.79	518.75	
350	507.61	533.25	
355	531.70	558.53	

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.

19 May 2005

Prepared by Audio Division, Media Bureau
Federal Communications Commission