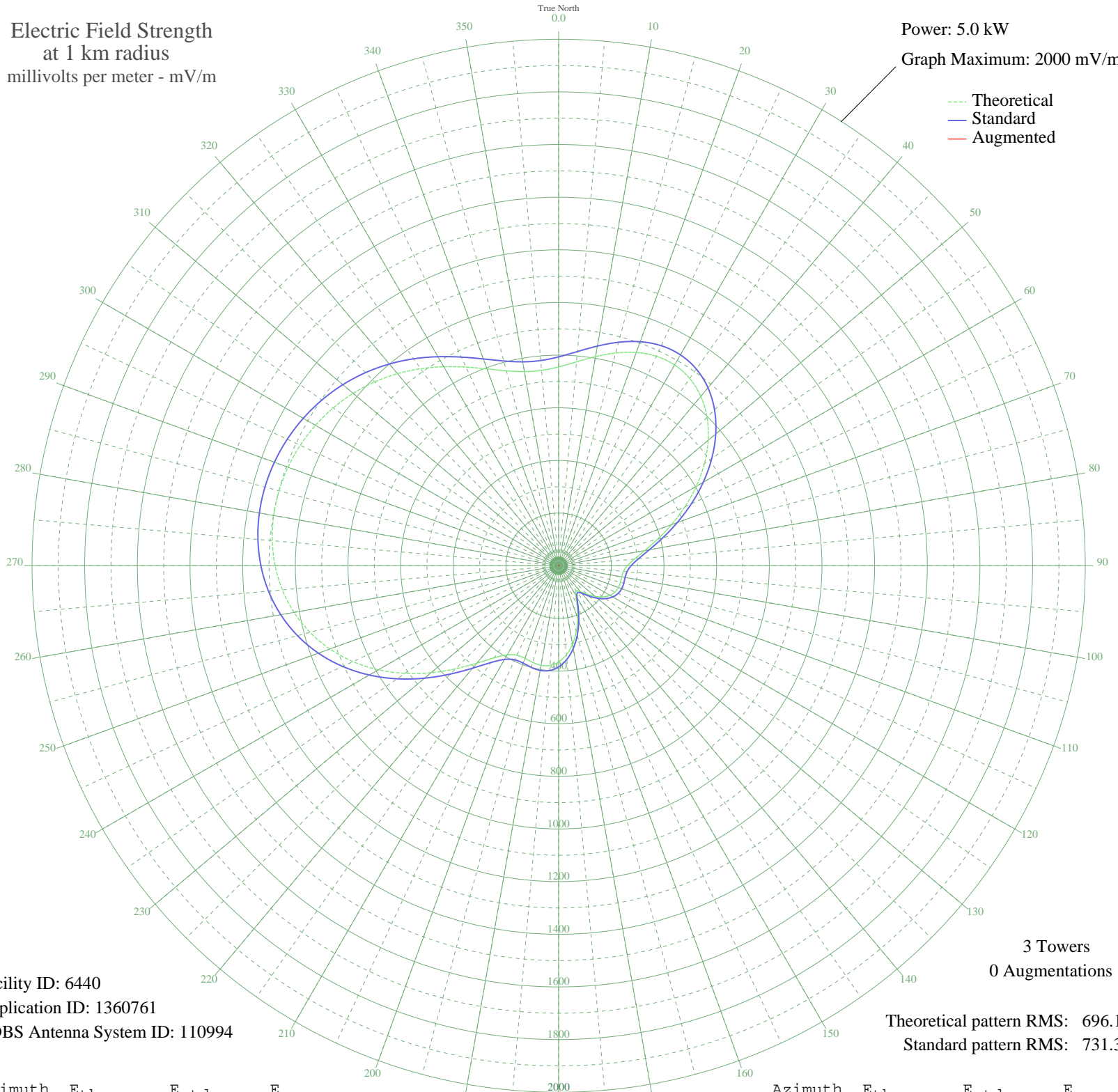


WDGY HUDSON, WI BP-20091203AGF 740 kHz

Daytime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 6440
Application ID: 1360761
CDBS Antenna System ID: 110994

3 Towers
0 Augmentations

Theoretical pattern RMS: 696.15
Standard pattern RMS: 731.34

Azimuth	E _{theo}	E _{std}	E _{aug}
0	755.25	793.36	
5	777.43	816.64	
10	806.55	847.20	
15	836.73	878.88	
20	862.18	905.60	
25	878.01	922.21	
30	880.70	925.03	
35	868.23	911.94	
40	840.09	882.40	
45	797.13	837.32	
50	741.35	778.77	
55	675.65	709.82	
60	603.54	634.15	
65	528.95	555.89	
70	456.04	479.41	
75	389.06	409.19	
80	332.18	349.58	
85	288.93	304.29	
90	261.07	275.13	
95	247.25	260.68	
100	243.06	256.29	
105	242.86	256.08	
110	241.72	254.89	
115	236.27	249.19	
120	224.60	236.99	
125	206.09	217.67	
130	181.49	192.00	
135	153.39	162.76	
140	127.89	136.32	
145	116.52	124.58	
150	130.26	138.77	
155	165.69	175.55	
160	211.55	223.37	
165	259.23	273.20	
170	303.13	319.15	
175	339.37	357.11	

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	365.39	384.37	
185	380.03	399.72	
190	383.96	403.84	
195	380.16	399.86	
200	374.42	393.84	
205	375.06	394.51	
210	390.84	411.05	
215	427.08	449.05	
220	483.13	507.83	
225	553.78	581.94	
230	632.38	664.42	
235	712.88	748.89	
240	790.49	830.35	
245	861.79	905.19	
250	924.55	971.06	
255	977.54	1026.68	
260	1020.37	1071.64	
265	1053.22	1106.13	
270	1076.72	1130.80	
275	1091.67	1146.49	
280	1098.98	1154.17	
285	1099.49	1154.70	
290	1093.91	1148.85	
295	1082.77	1137.15	
300	1066.41	1119.97	
305	1045.02	1097.52	
310	1018.73	1069.92	
315	987.72	1037.37	
320	952.41	1000.30	
325	913.63	959.60	
330	872.89	916.84	
335	832.54	874.48	
340	795.80	835.92	
345	766.57	805.24	
350	748.70	786.49	
355	744.84	782.43	