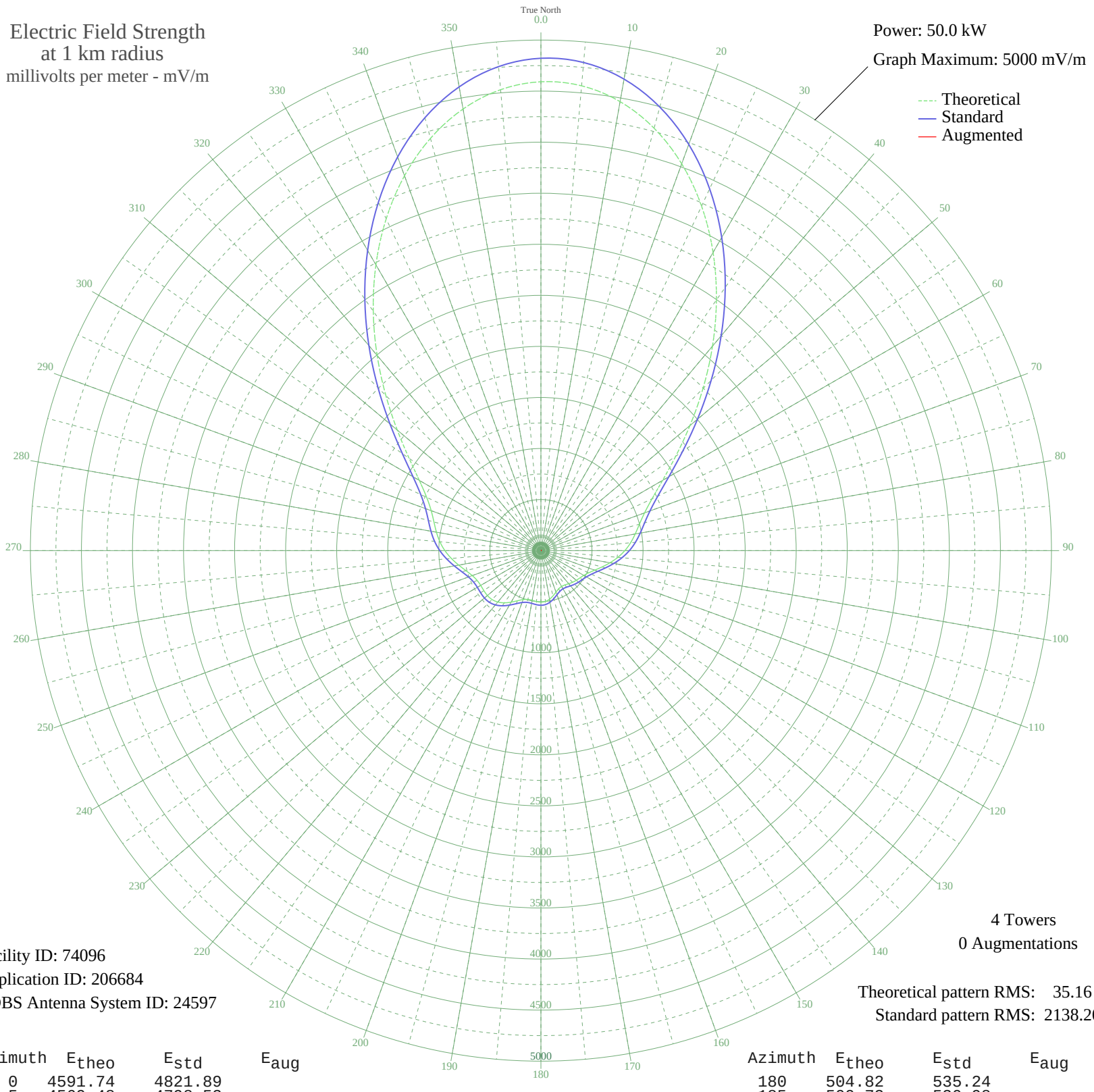
WTMJ MILWAUKEE, WI BL-19950222AD 620 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

Facility ID: 74096
Application ID: 206684
CDBS Antenna System ID: 24597

4 Towers
0 Augmentations

Theoretical pattern RMS: 35.16
Standard pattern RMS: 2138.20

Azimuth	E_{theo}	E_{std}	E_{aug}
0	4591.74	4821.89	
5	4569.48	4798.53	
10	4464.96	4688.79	
15	4282.74	4497.49	
20	4031.33	4233.55	
25	3722.78	3909.63	
30	3372.09	3541.48	
35	2996.45	3147.14	
40	2614.31	2746.03	
45	2244.50	2357.89	
50	1905.01	2001.63	
55	1611.63	1693.84	
60	1375.64	1446.33	
65	1200.68	1262.89	
70	1080.18	1136.62	
75	998.69	1051.25	
80	937.60	987.27	
85	881.61	928.66	
90	821.85	866.13	
95	755.92	797.18	
100	686.40	724.53	
105	618.98	654.16	
110	560.33	593.01	
115	515.46	546.30	
120	485.33	514.98	
125	466.26	495.18	
130	452.24	480.62	
135	438.35	466.22	
140	423.39	450.72	
145	410.42	437.29	
150	405.22	431.91	
155	412.57	439.51	
160	432.26	459.91	
165	458.55	487.17	
170	483.28	512.85	
175	499.68	529.89	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	504.82	535.24	
185	500.73	530.98	
190	494.21	524.20	
195	494.80	524.81	
200	510.22	540.85	
205	541.58	573.48	
210	582.72	616.35	
215	624.10	659.49	
220	657.20	694.04	
225	677.23	714.95	
230	684.11	722.14	
235	682.56	720.53	
240	681.14	719.04	
245	689.70	727.98	
250	715.48	754.92	
255	759.71	801.14	
260	817.38	861.45	
265	880.24	927.23	
270	940.42	990.23	
275	993.22	1045.52	
280	1038.99	1093.47	
285	1084.58	1141.23	
290	1143.65	1203.13	
295	1234.68	1298.53	
300	1375.36	1446.04	
305	1576.02	1656.48	
310	1836.42	1929.67	
315	2147.59	2256.19	
320	2495.24	2621.06	
325	2862.60	3006.65	
330	3231.96	3394.37	
335	3585.64	3765.66	
340	3906.75	4102.75	
345	4179.81	4389.43	
350	4391.50	4611.68	
355	4531.23	4758.38	

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