

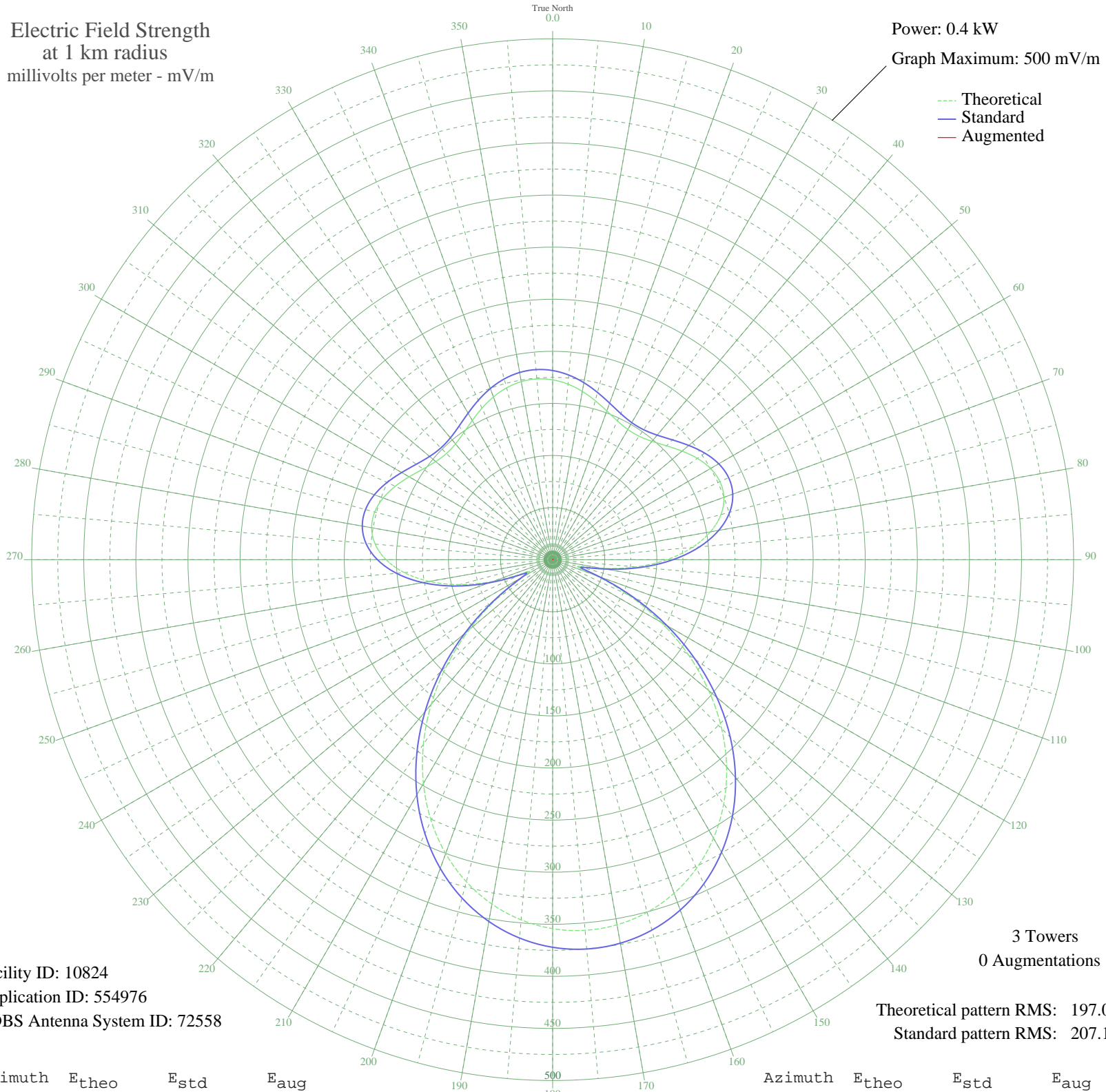
WAKU JACKSON, WI BML-20010213ABW 540 kHz

Daytime

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

Power: 0.4 kW
Graph Maximum: 500 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 10824
Application ID: 554976
CDBS Antenna System ID: 72558

Theoretical pattern RMS: 197.00
Standard pattern RMS: 207.12

Azimuth	E _{theo}	E _{std}	E _{aug}
0	172.62	181.56	
5	169.11	177.88	
10	164.01	172.53	
15	157.98	166.21	
20	151.94	159.88	
25	147.01	154.71	
30	144.31	151.89	
35	144.68	152.28	
40	148.29	156.06	
45	154.53	162.60	
50	162.13	170.56	
55	169.50	178.28	
60	175.01	184.06	
65	177.20	186.36	
70	174.90	183.94	
75	167.25	175.93	
80	153.80	161.83	
85	134.49	141.60	
90	109.68	115.64	
95	80.25	84.92	
100	48.29	51.78	
105	24.58	27.87	
110	43.69	47.06	
115	80.95	85.64	
120	120.30	126.75	
125	158.95	167.23	
130	195.60	205.65	
135	229.41	241.10	
140	259.76	272.95	
145	286.26	300.76	
150	308.67	324.27	
155	326.86	343.36	
160	340.79	357.98	
165	350.47	368.14	
170	355.92	373.87	
175	357.18	375.19	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	354.24	372.11	
185	347.10	364.61	
190	335.72	352.67	
195	320.09	336.26	
200	300.21	315.39	
205	276.14	290.14	
210	248.06	260.68	
215	216.27	227.33	
220	181.24	190.59	
225	143.67	151.22	
230	104.55	110.28	
235	65.50	69.57	
240	31.54	34.75	
245	31.00	34.20	
250	61.12	65.03	
255	92.49	97.68	
260	120.22	126.67	
265	142.90	150.42	
270	159.89	168.21	
275	170.99	179.84	
280	176.42	185.54	
285	176.81	185.94	
290	173.13	182.09	
295	166.69	175.34	
300	159.03	167.31	
305	151.79	159.73	
310	146.48	154.16	
315	144.14	151.71	
320	145.06	152.67	
325	148.77	156.56	
330	154.29	162.34	
335	160.45	168.80	
340	166.21	174.83	
345	170.74	179.58	
350	173.48	182.46	
355	174.13	183.14	

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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Federal Communications Commission