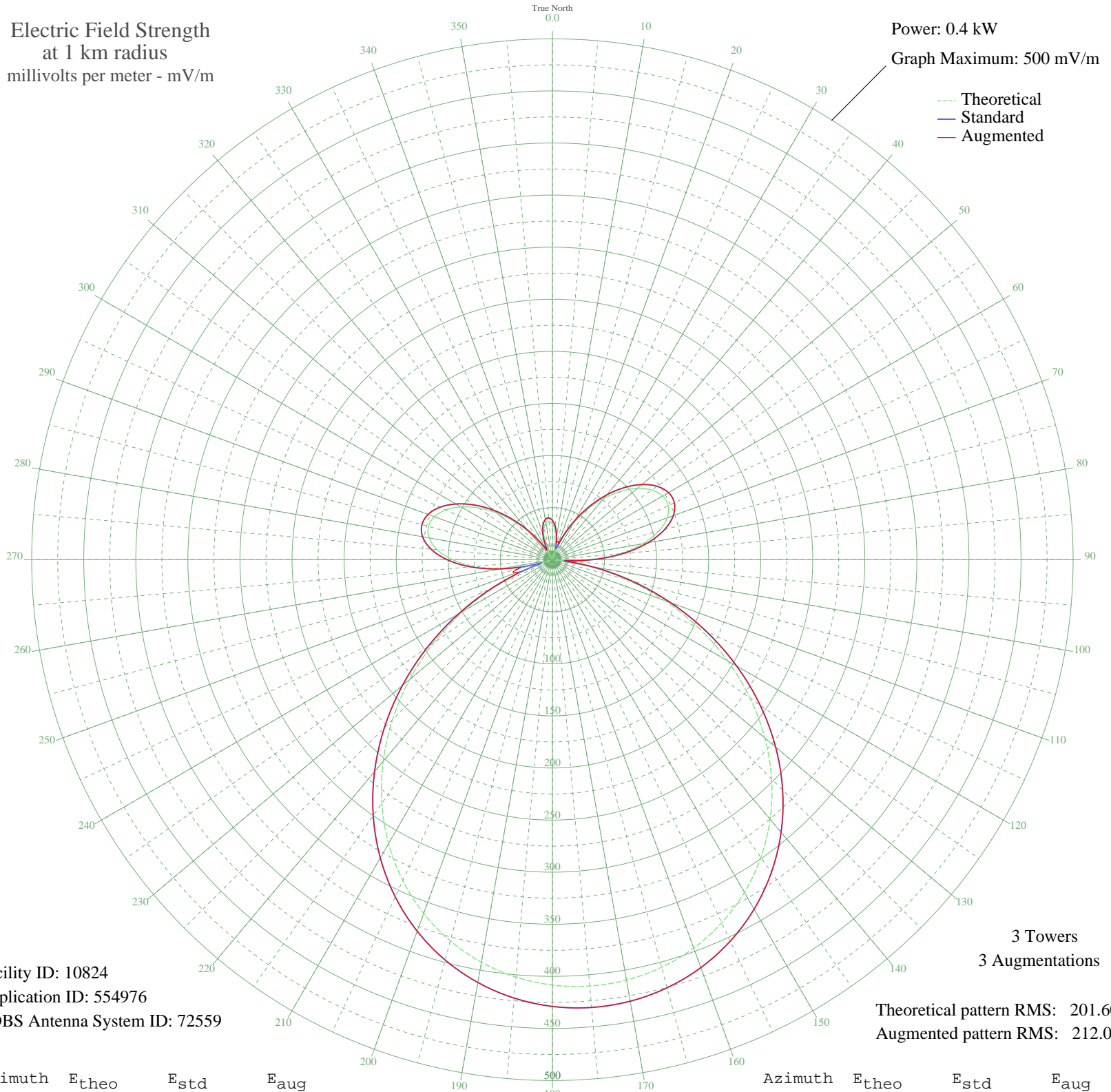


WAK JACKSON, WI BML-20010213ABW 540 kHz

Nighttime

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

Power: 0.4 kW
Graph Maximum: 500 mV/m



Facility ID: 10824
Application ID: 554976
CDBS Antenna System ID: 72559

Theoretical pattern RMS: 201.60
Augmented pattern RMS: 212.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	34.52	37.74	37.74
5	28.68	31.89	31.89
10	19.62	23.12	23.12
15	7.64	13.22	17.20
20	6.83	12.71	16.82
25	23.23	26.56	26.56
30	40.89	44.20	44.20
35	58.99	62.82	62.82
40	76.61	81.12	81.12
45	92.76	97.96	97.96
50	106.40	112.22	112.22
55	116.53	122.81	122.81
60	122.20	128.74	128.74
65	122.63	129.19	129.19
70	117.23	123.54	123.54
75	105.68	111.46	111.46
80	87.96	92.95	92.95
85	64.34	68.37	68.37
90	35.39	38.62	38.62
95	1.94	10.70	12.22
100	34.99	38.21	38.22
105	74.26	78.68	78.68
110	114.68	120.87	120.87
115	155.07	163.17	163.17
120	194.39	204.38	204.38
125	231.71	243.53	243.53
130	266.29	279.80	279.80
135	297.58	312.64	312.64
140	325.21	341.63	341.63
145	348.98	366.57	366.57
150	368.80	387.39	387.39
155	384.71	404.08	404.08
160	396.78	416.75	416.75
165	405.11	425.49	425.49
170	409.78	430.39	430.39
175	410.85	431.52	431.52

Azimuth	E _{theo}	E _{std}	E _{aug}
180	408.34	428.89	428.89
185	402.22	422.46	422.46
190	392.41	412.16	412.16
195	378.82	397.89	397.89
200	361.35	379.56	379.56
205	339.94	357.09	357.09
210	314.61	330.51	330.51
215	285.49	299.95	299.95
220	252.83	265.68	265.68
225	217.08	228.17	228.17
230	178.86	188.10	188.10
235	138.99	146.32	146.32
240	98.45	103.90	103.90
245	58.35	62.16	62.16
250	19.87	23.36	35.85
255	15.80	19.64	33.54
260	47.56	51.03	51.03
265	74.47	78.89	78.89
270	95.78	101.12	101.12
275	111.05	117.07	117.07
280	120.11	126.56	126.56
285	123.13	129.71	129.71
290	120.52	126.98	126.98
295	112.96	119.08	119.08
300	101.31	106.89	106.89
305	86.54	91.47	91.47
310	69.68	73.91	73.91
315	51.75	55.34	55.34
320	33.73	36.94	36.94
325	16.48	20.24	20.24
330	0.77	10.53	10.53
335	12.76	17.02	17.02
340	23.61	26.93	26.93
345	31.42	34.62	34.62
350	35.91	39.14	39.14
355	36.96	40.20	40.20

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission