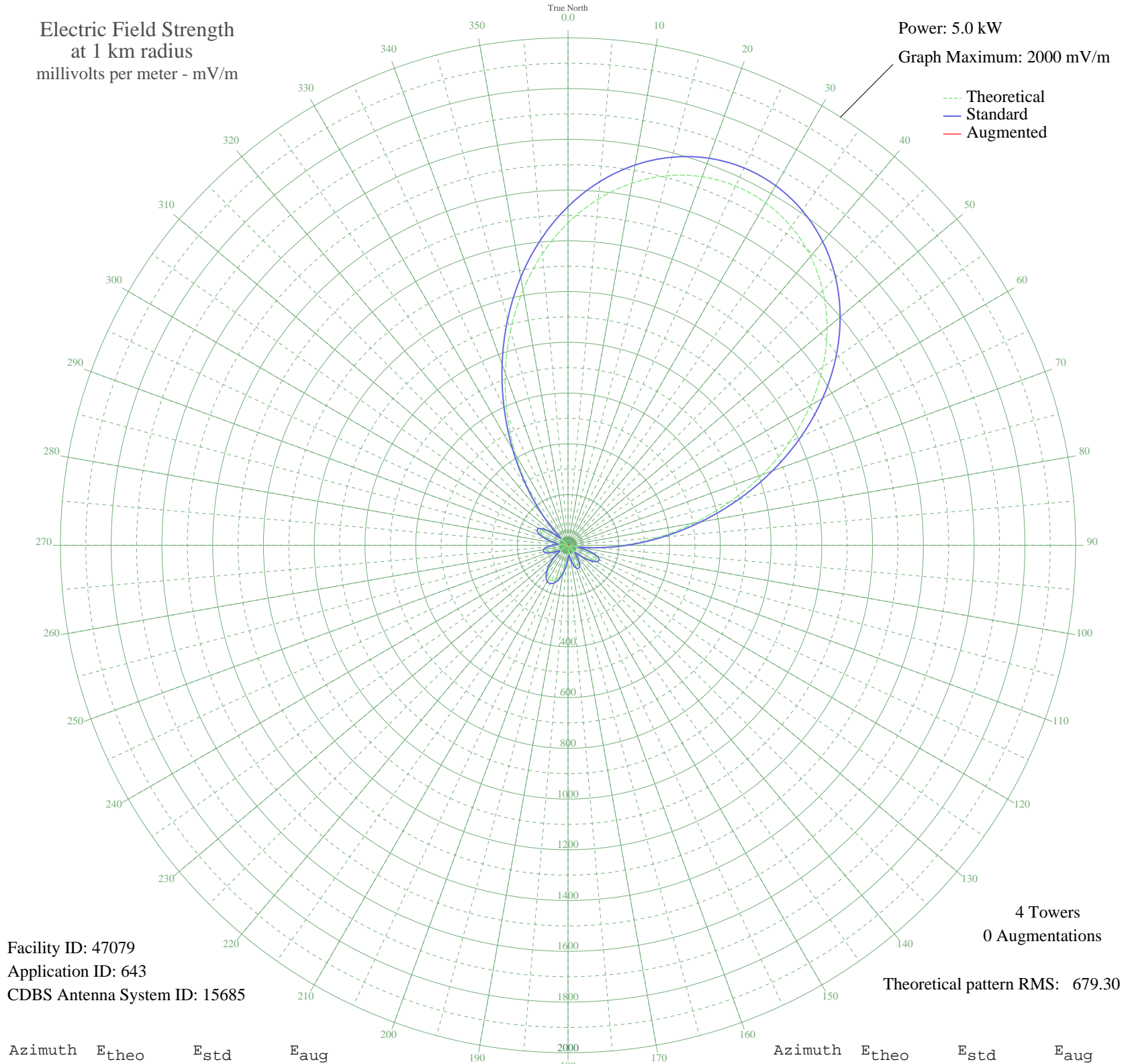


# WXCE AMERY, WI BL-14428 1260 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 47079  
Application ID: 643  
CDBS Antenna System ID: 15685

4 Towers  
0 Augmentations  
Theoretical pattern RMS: 679.30

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1270.84	1334.94	
5	1369.70	1438.70	
10	1448.92	1521.86	
15	1507.68	1583.53	
20	1545.56	1623.30	
25	1562.42	1640.99	
30	1558.20	1636.57	
35	1532.93	1610.03	
40	1486.67	1561.47	
45	1419.66	1491.14	
50	1332.45	1399.60	
55	1226.11	1287.99	
60	1102.43	1158.19	
65	964.13	1013.07	
70	814.97	856.58	
75	659.74	693.80	
80	504.18	530.78	
85	354.57	374.28	
90	217.34	231.44	
95	98.47	110.34	
100	3.98	38.75	
105	66.64	79.88	
110	108.47	120.24	
115	124.06	135.85	
120	116.77	128.52	
125	91.75	103.76	
130	55.31	69.70	
135	14.19	41.31	
140	25.27	46.78	
145	57.71	71.81	
150	79.29	91.74	
155	87.89	100.00	
160	83.13	95.41	
165	66.17	79.45	
170	39.38	56.52	
175	6.38	39.10	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	31.20	50.57	
185	67.59	80.76	
190	100.48	112.32	
195	127.07	138.87	
200	145.23	157.28	
205	153.57	165.79	
210	151.47	163.65	
215	139.08	151.03	
220	117.34	129.09	
225	87.94	100.05	
230	53.28	67.93	
235	16.45	42.22	
240	19.93	43.84	
245	51.09	66.04	
250	74.29	87.00	
255	86.59	98.75	
260	86.07	98.24	
265	72.14	84.98	
270	45.86	61.67	
275	10.07	39.95	
280	30.77	50.28	
285	70.83	83.76	
290	103.50	115.30	
295	122.14	133.91	
300	120.81	132.57	
305	95.01	106.94	
310	42.24	58.75	
315	38.09	55.54	
320	143.47	155.49	
325	270.34	286.46	
330	413.28	435.65	
335	566.05	595.60	
340	722.21	759.30	
345	875.65	920.24	
350	1020.99	1072.73	
355	1153.83	1212.13	

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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13 Nov 2009

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission