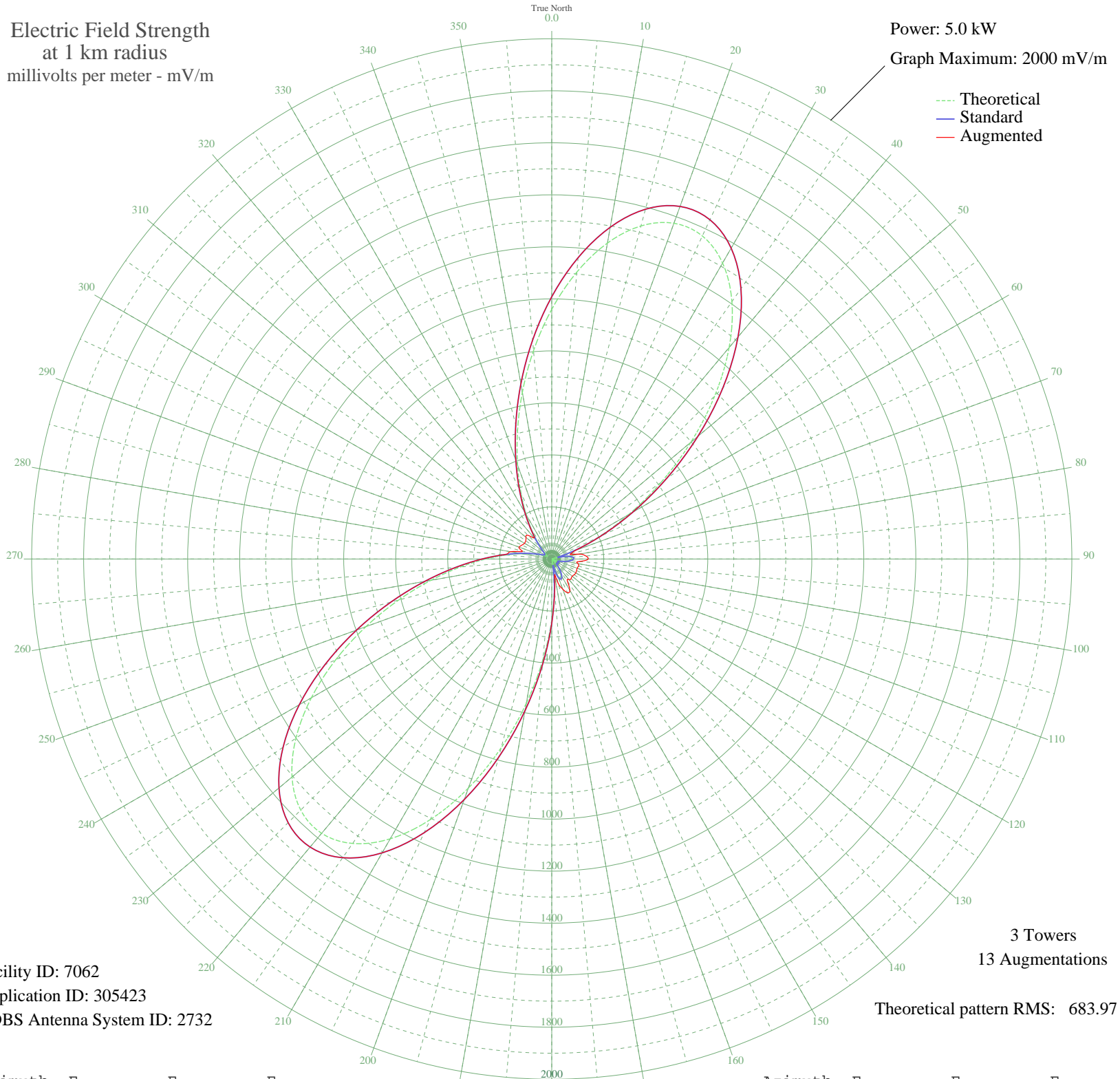


# WAYY EAU CLAIRE, WI BL-- 790 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 7062  
Application ID: 305423  
CDBS Antenna System ID: 2732

3 Towers  
13 Augmentations  
Theoretical pattern RMS: 683.97

Azimuth	Etheo	Estd	Eaug
0	959.88	1008.14	1008.14
5	1107.17	1162.77	1162.77
10	1233.23	1295.11	1295.11
15	1325.57	1392.05	1392.05
20	1373.59	1442.46	1442.46
25	1370.37	1439.09	1439.09
30	1313.96	1379.86	1379.86
35	1207.93	1268.54	1268.54
40	1061.09	1114.39	1114.39
45	886.24	930.85	930.85
50	698.36	733.65	733.65
55	512.49	538.63	538.63
60	341.83	359.69	359.69
65	196.30	207.45	207.45
70	81.78	89.02	97.53
75	0.09	23.48	73.64
80	50.47	57.96	108.95
85	74.22	81.40	131.93
90	77.06	84.25	140.34
95	65.46	72.63	108.26
100	45.74	53.46	102.60
105	23.48	34.05	106.70
110	3.23	23.72	104.12
115	11.65	26.47	105.28
120	18.98	30.80	106.70
125	17.77	29.99	105.34
130	8.17	25.00	102.98
135	8.48	25.11	105.79
140	29.69	39.02	103.07
145	51.74	59.18	106.61
150	69.79	76.94	139.20
155	78.00	85.20	143.01
160	69.95	77.11	123.21
165	39.24	47.42	97.85
170	19.70	31.29	62.77
175	110.55	118.42	128.91

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

Azimuth	Etheo	Estd	Eaug
180	234.10	246.93	246.93
185	387.44	407.49	407.49
190	563.52	592.16	592.16
195	751.39	789.31	789.31
200	937.18	984.32	984.32
205	1105.64	1161.16	1161.16
210	1242.20	1304.52	1304.52
215	1335.01	1401.96	1401.96
220	1376.66	1445.68	1445.68
225	1365.10	1433.54	1433.54
230	1303.78	1369.17	1369.17
235	1200.82	1261.08	1261.08
240	1067.51	1121.13	1121.13
245	916.57	962.69	962.69
250	760.35	798.71	798.71
255	609.45	640.35	640.35
260	471.84	495.99	495.99
265	352.55	370.93	370.93
270	253.84	267.57	267.57
275	175.70	185.97	185.97
280	116.53	124.59	160.93
285	73.89	81.06	116.77
290	45.09	52.85	134.07
295	27.75	37.42	126.56
300	20.11	31.58	120.94
305	21.34	32.45	122.11
310	31.56	40.62	129.42
315	51.91	59.35	128.40
320	84.32	91.60	105.33
325	131.32	139.87	139.87
330	195.58	206.69	206.69
335	279.37	294.28	294.28
340	383.93	403.81	403.81
345	508.69	534.64	534.64
350	650.65	683.59	683.59
355	803.97	844.50	844.50