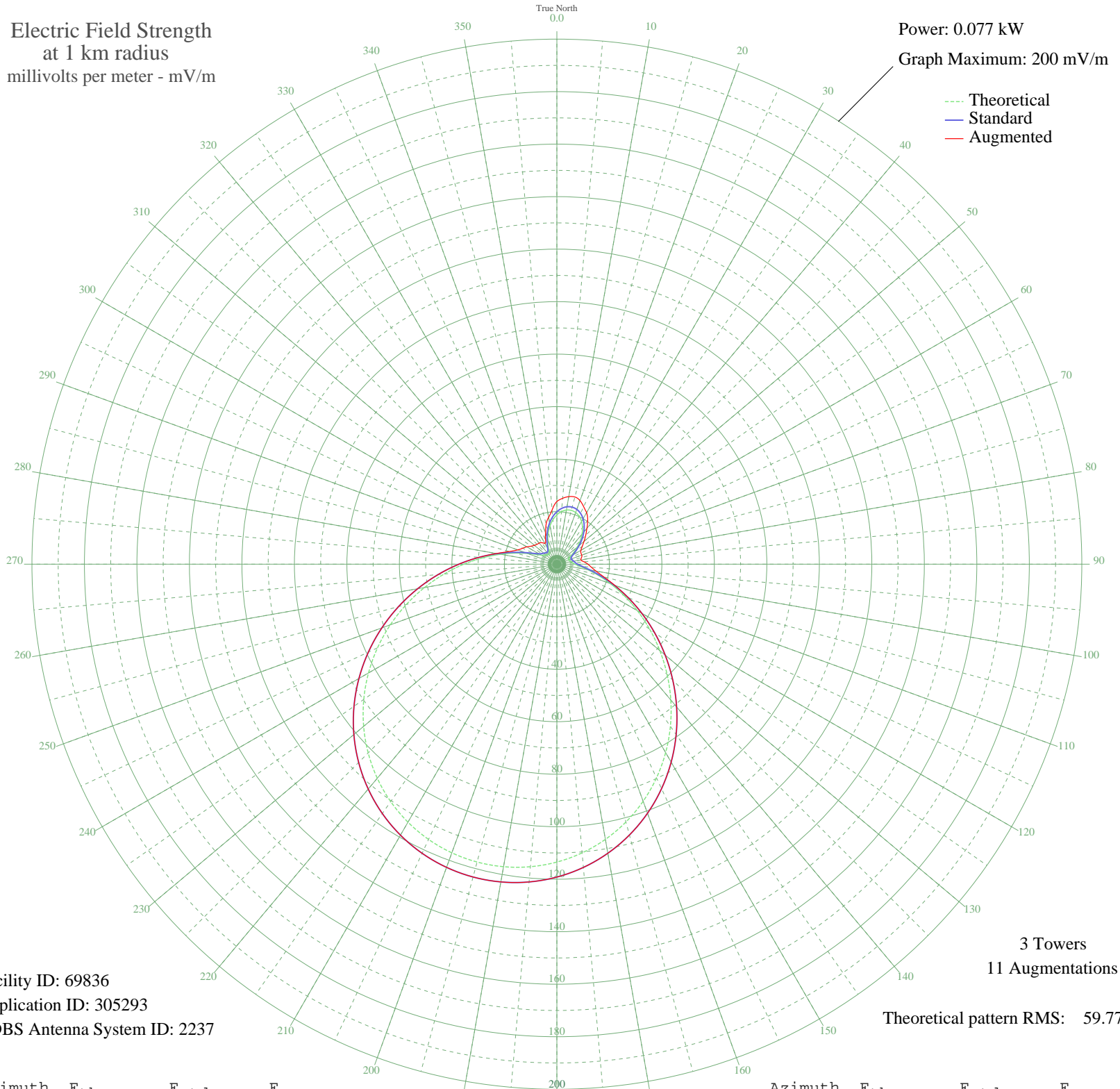


# WVCY OSHKOSH, WI BL-- 690 kHz

Nighttime

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

Power: 0.077 kW  
Graph Maximum: 200 mV/m



Facility ID: 69836  
Application ID: 305293  
CDBS Antenna System ID: 2237

3 Towers  
11 Augmentations

Theoretical pattern RMS: 59.77

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	18.78	19.97	23.88
5	20.11	21.35	25.19
10	20.93	22.20	26.14
15	21.21	22.49	26.50
20	20.93	22.20	25.77
25	20.11	21.35	24.16
30	18.78	19.97	22.64
35	17.01	18.14	20.49
40	14.89	15.95	17.80
45	12.55	13.54	15.53
50	10.13	11.09	13.49
55	7.85	8.82	11.78
60	5.98	7.02	10.57
65	4.87	6.00	10.11
70	4.65	5.81	10.10
75	4.98	6.10	9.72
80	5.45	6.53	9.29
85	5.97	7.01	10.40
90	6.89	7.88	11.82
95	8.75	9.71	13.17
100	11.87	12.85	15.13
105	16.26	17.36	18.42
110	21.78	23.08	23.36
115	28.23	29.80	29.81
120	35.42	37.32	37.32
125	43.15	45.41	45.41
130	51.21	53.86	53.86
135	59.40	62.45	62.45
140	67.52	70.97	70.97
145	75.40	79.23	79.23
150	82.88	87.08	87.08
155	89.82	94.36	94.36
160	96.11	100.96	100.96
165	101.67	106.80	106.80
170	106.44	111.81	111.81
175	110.39	115.95	115.95

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	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	113.47	119.19	119.19
185	115.68	121.51	121.51
190	117.01	122.90	122.90
195	117.45	123.37	123.37
200	117.01	122.90	122.90
205	115.68	121.51	121.51
210	113.47	119.19	119.19
215	110.39	115.95	115.95
220	106.44	111.81	111.81
225	101.67	106.80	106.80
230	96.11	100.96	100.96
235	89.82	94.36	94.36
240	82.88	87.08	87.08
245	75.40	79.23	79.23
250	67.52	70.97	70.97
255	59.40	62.45	62.45
260	51.21	53.86	53.86
265	43.15	45.41	45.41
270	35.42	37.32	37.32
275	28.23	29.80	29.80
280	21.78	23.08	23.37
285	16.26	17.36	18.69
290	11.87	12.85	15.88
295	8.75	9.71	14.37
300	6.89	7.88	13.21
305	5.97	7.01	11.97
310	5.45	6.53	11.17
315	4.98	6.10	10.71
320	4.65	5.81	10.50
325	4.87	6.00	10.00
330	5.98	7.02	9.15
335	7.85	8.82	10.25
340	10.13	11.09	12.57
345	12.55	13.54	15.81
350	14.89	15.95	18.10
355	17.01	18.14	20.76