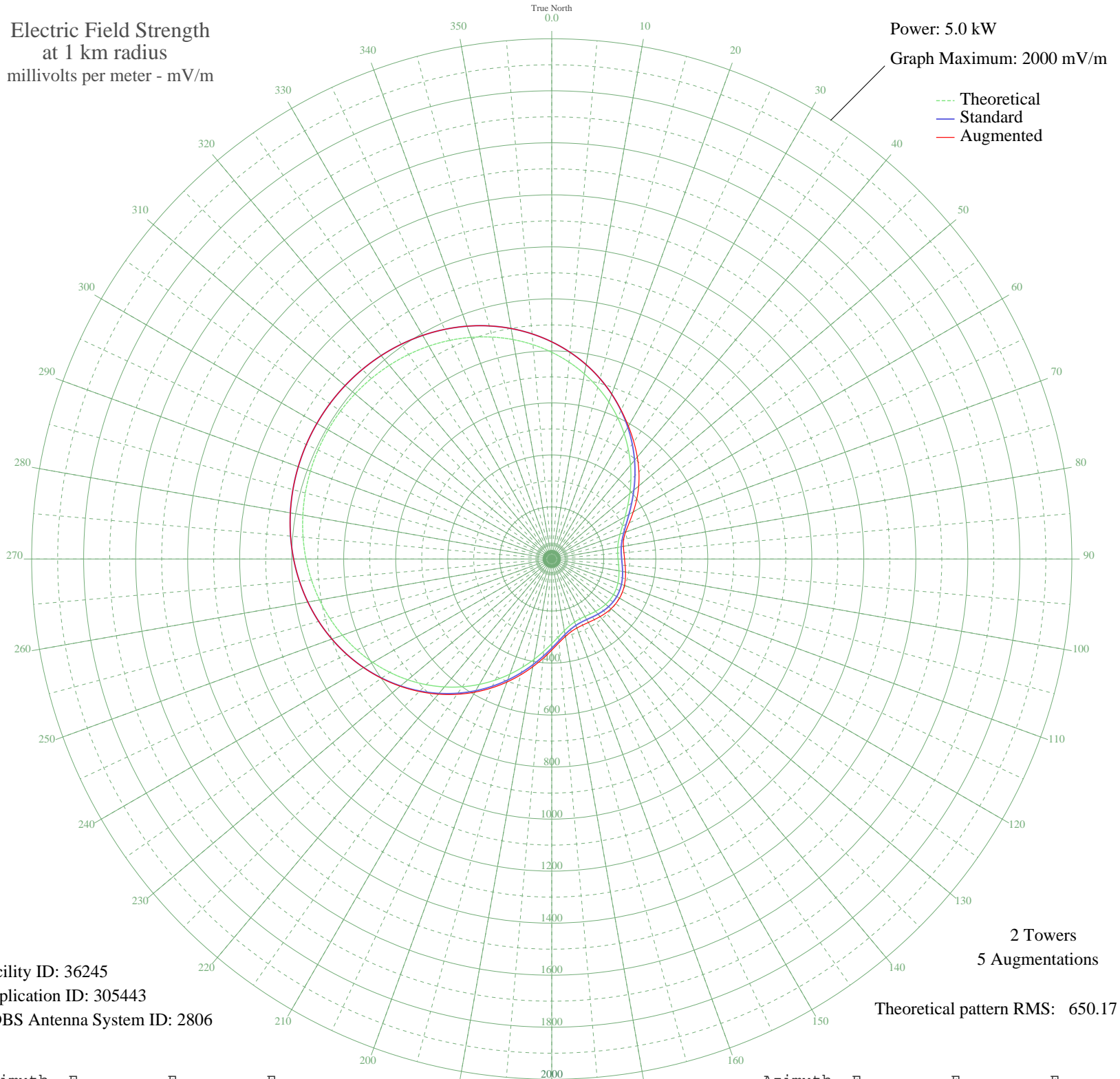


# WDUX WAUPACA, WI BL-- 800 kHz

Daytime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 36245  
Application ID: 305443  
CDBS Antenna System ID: 2806

2 Towers  
5 Augmentations  
Theoretical pattern RMS: 650.17

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	794.84	834.91	834.91
5	759.90	798.24	798.24
10	722.56	759.05	759.05
15	683.13	717.67	717.67
20	641.99	674.50	674.50
25	599.64	630.05	631.28
30	556.61	584.91	589.76
35	513.55	539.74	550.07
40	471.18	495.30	511.74
45	430.31	452.44	474.06
50	391.81	412.07	436.41
55	356.61	375.18	398.74
60	325.66	342.75	361.91
65	299.84	315.70	328.52
70	279.79	294.72	302.22
75	265.81	280.09	285.94
80	257.63	271.52	279.86
85	254.45	268.20	278.65
90	255.09	268.87	280.03
95	258.21	272.13	283.29
100	262.53	276.65	287.99
105	266.97	281.30	292.93
110	270.71	285.21	297.15
115	273.17	287.79	299.97
120	274.03	288.69	300.95
125	273.17	287.79	300.07
130	270.71	285.21	297.53
135	266.97	281.30	293.70
140	262.53	276.65	289.16
145	258.21	272.13	284.78
150	255.09	268.87	281.64
155	254.45	268.20	280.52
160	257.63	271.52	282.44
165	265.81	280.09	289.20
170	279.79	294.72	302.36
175	299.83	315.70	322.79

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	325.66	342.75	350.41
185	356.61	375.18	383.66
190	391.81	412.07	420.88
195	430.31	452.44	461.10
200	471.18	495.30	503.42
205	513.55	539.74	547.02
210	556.61	584.91	591.15
215	599.64	630.05	635.14
220	641.99	674.50	678.43
225	683.13	717.67	720.49
230	722.56	759.05	760.90
235	759.90	798.24	799.29
240	794.84	834.91	835.37
245	827.13	868.80	868.92
250	856.61	899.75	899.75
255	883.17	927.63	927.63
260	906.77	952.40	952.40
265	927.39	974.05	974.05
270	945.08	992.61	992.61
275	959.87	1008.14	1008.14
280	971.85	1020.71	1020.71
285	981.07	1030.39	1030.39
290	987.61	1037.25	1037.25
295	991.51	1041.35	1041.35
300	992.80	1042.71	1042.71
305	991.51	1041.35	1041.35
310	987.61	1037.25	1037.25
315	981.07	1030.39	1030.39
320	971.85	1020.71	1020.71
325	959.87	1008.14	1008.14
330	945.08	992.61	992.61
335	927.39	974.05	974.05
340	906.77	952.40	952.40
345	883.17	927.63	927.63
350	856.61	899.75	899.75
355	827.13	868.80	868.80