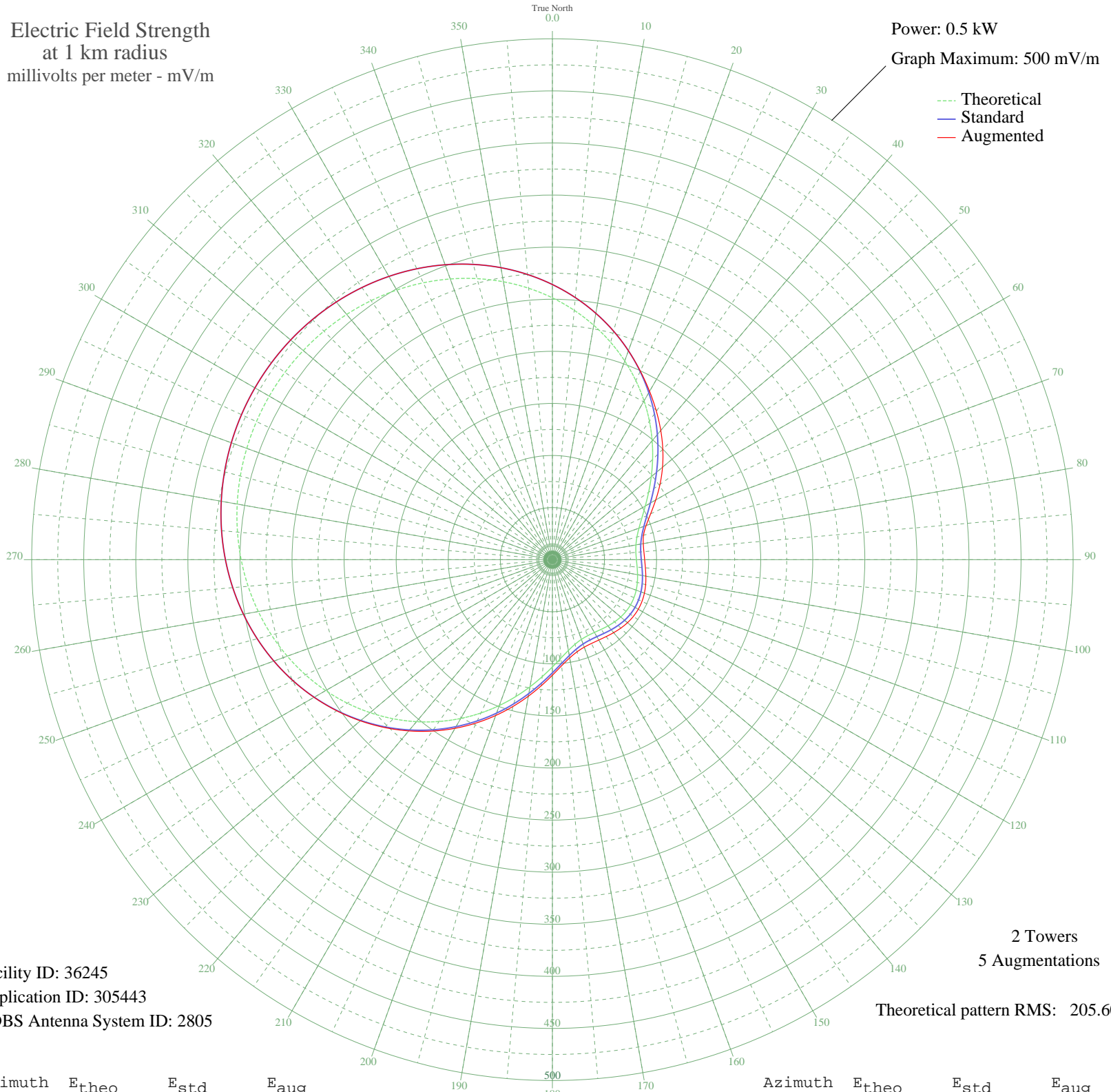


# WDUX WAUPACA, WI BL-- 800 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 36245  
Application ID: 305443  
CDBS Antenna System ID: 2805

2 Towers  
5 Augmentations

Theoretical pattern RMS: 205.60

Azimuth	Etheo	Estd	Eaug
0	251.35	264.13	264.13
5	240.30	252.54	252.54
10	228.50	240.15	240.15
15	216.03	227.07	227.07
20	203.02	213.43	213.43
25	189.62	199.38	199.76
30	176.02	185.11	186.61
35	162.40	170.84	174.03
40	149.00	156.80	161.87
45	136.08	143.27	149.93
50	123.90	130.52	138.03
55	112.77	118.87	126.14
60	102.98	108.64	114.55
65	94.82	100.11	104.05
70	88.48	93.49	95.76
75	84.06	88.88	90.59
80	81.47	86.18	88.61
85	80.46	85.14	88.18
90	80.67	85.35	88.60
95	81.65	86.38	89.63
100	83.02	87.80	91.11
105	84.42	89.26	92.67
110	85.61	90.50	94.00
115	86.39	91.31	94.89
120	86.66	91.59	95.20
125	86.39	91.31	94.92
130	85.61	90.50	94.12
135	84.42	89.26	92.91
140	83.02	87.80	91.48
145	81.65	86.38	90.09
150	80.67	85.35	89.10
155	80.46	85.14	88.76
160	81.47	86.18	89.39
165	84.06	88.88	91.56
170	88.48	93.49	95.74
175	94.82	100.11	102.20

Azimuth	Etheo	Estd	Eaug
180	102.98	108.64	110.90
185	112.77	118.87	121.38
190	123.90	130.52	133.12
195	136.08	143.27	145.82
200	149.00	156.80	159.20
205	162.40	170.84	172.99
210	176.02	185.11	186.96
215	189.62	199.38	200.88
220	203.02	213.43	214.58
225	216.03	227.07	227.90
230	228.50	240.15	240.69
235	240.30	252.54	252.85
240	251.35	264.13	264.26
245	261.56	274.84	274.88
250	270.89	284.62	284.62
255	279.29	293.44	293.44
260	286.75	301.27	301.27
265	293.27	308.11	308.11
270	298.86	313.98	313.98
275	303.54	318.89	318.89
280	307.33	322.86	322.86
285	310.24	325.93	325.93
290	312.31	328.09	328.09
295	313.54	329.39	329.39
300	313.95	329.82	329.82
305	313.54	329.39	329.39
310	312.31	328.09	328.09
315	310.24	325.93	325.93
320	307.33	322.86	322.86
325	303.54	318.89	318.89
330	298.86	313.98	313.98
335	293.27	308.11	308.11
340	286.75	301.27	301.27
345	279.29	293.44	293.44
350	270.89	284.62	284.62
355	261.56	274.84	274.84

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission