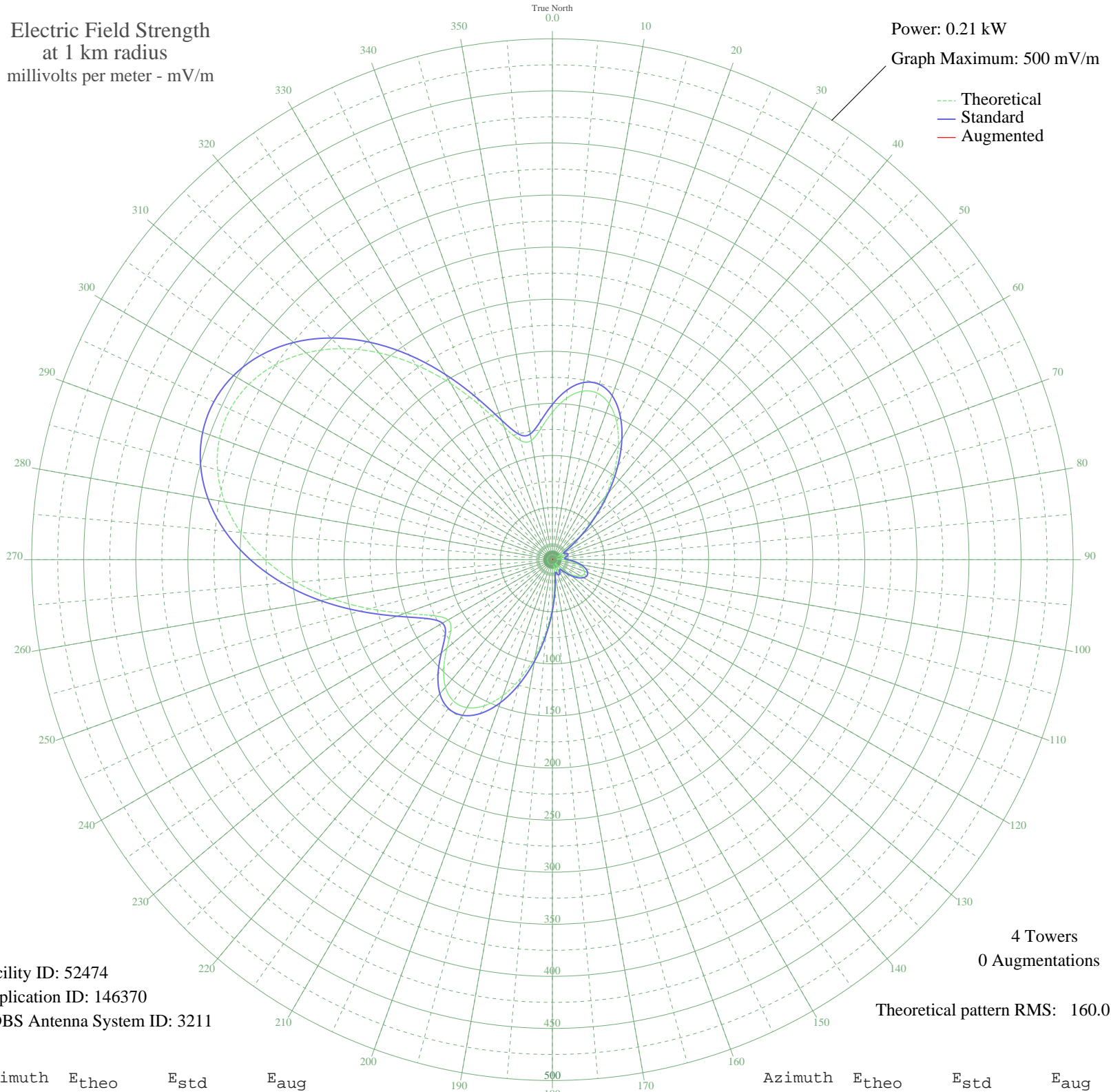


# WMEQ MENOMONIE, WI BL-19900327AI 880 kHz

Nighttime

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

Power: 0.21 kW  
Graph Maximum: 500 mV/m



Facility ID: 52474  
Application ID: 146370  
CDBS Antenna System ID: 3211

4 Towers  
0 Augmentations

Theoretical pattern RMS: 160.01

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	141.58	149.03	
5	155.50	163.61	
10	164.16	172.69	
15	165.61	174.21	
20	159.33	167.63	
25	145.89	153.55	
30	126.67	133.42	
35	103.61	109.30	
40	78.89	83.50	
45	54.72	58.40	
50	33.05	36.26	
55	15.65	19.50	
60	5.95	12.22	
65	8.92	14.07	
70	11.48	15.99	
75	10.41	15.16	
80	6.64	12.60	
85	4.75	11.63	
90	10.53	15.24	
95	17.93	21.56	
100	24.69	27.97	
105	29.85	33.06	
110	32.85	36.05	
115	33.36	36.57	
120	31.34	34.54	
125	26.99	30.22	
130	20.78	24.21	
135	13.48	17.63	
140	6.52	12.54	
145	5.07	11.77	
150	9.12	14.21	
155	11.47	15.98	
160	10.37	15.13	
165	6.33	12.43	
170	10.41	15.16	
175	25.48	28.74	

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	45.65	49.07	
185	69.04	73.25	
190	93.80	99.04	
195	117.79	124.12	
200	138.80	146.12	
205	154.75	162.83	
210	164.02	172.54	
215	165.66	174.26	
220	159.74	168.06	
225	147.58	155.31	
230	132.24	139.25	
235	119.16	125.56	
240	115.70	121.94	
245	126.88	133.64	
250	150.83	158.72	
255	181.89	191.28	
260	215.11	226.11	
265	247.19	259.76	
270	276.07	290.06	
275	300.45	315.65	
280	319.54	335.69	
285	332.89	349.69	
290	340.23	357.40	
295	341.46	358.69	
300	336.55	353.54	
305	325.59	342.03	
310	308.75	324.36	
315	286.41	300.92	
320	259.21	272.38	
325	228.21	239.86	
330	195.14	205.16	
335	162.72	171.18	
340	135.23	142.38	
345	118.37	124.73	
350	116.22	122.48	
355	126.35	133.08	