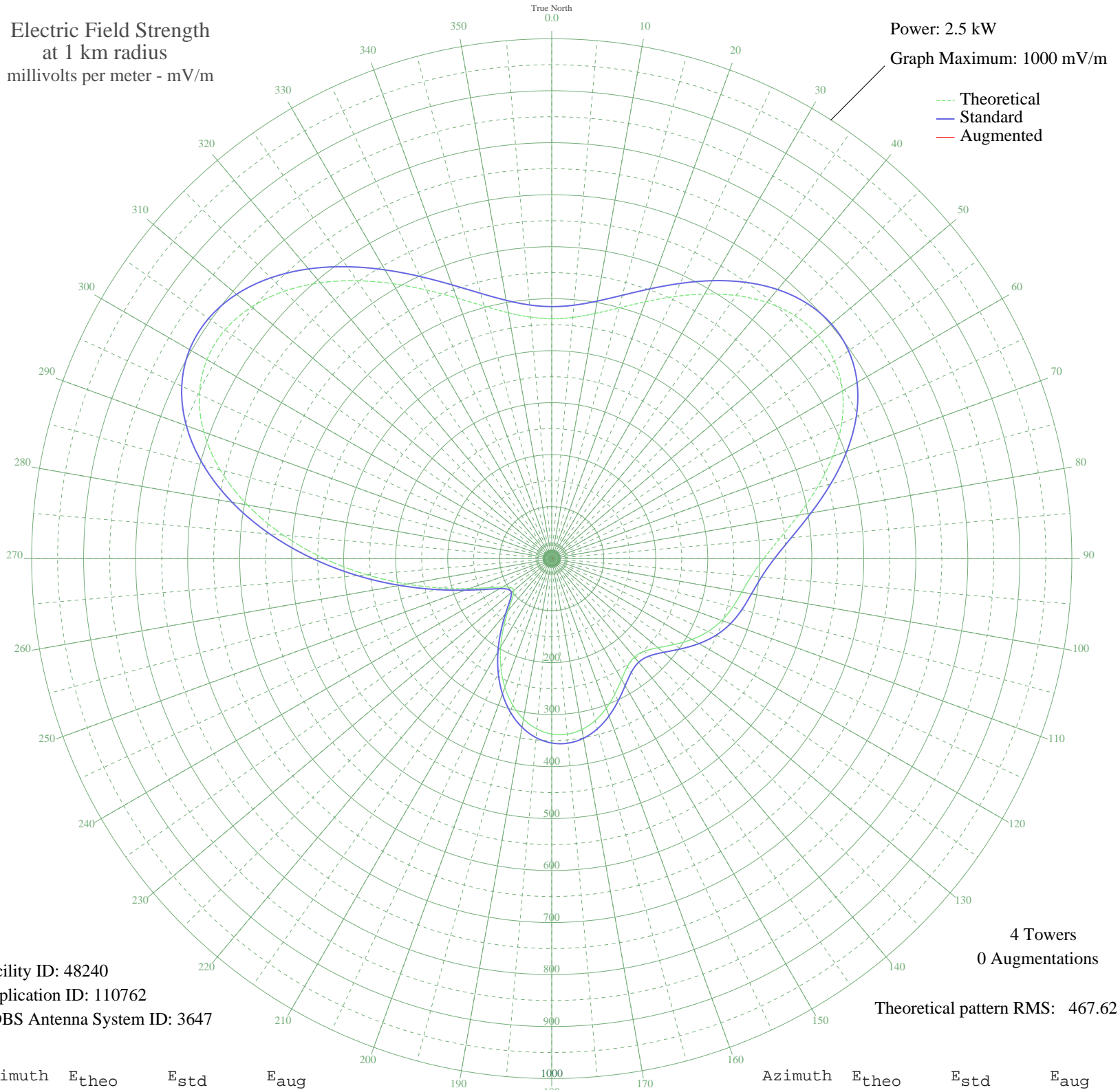


# WAUR SANDWICH, IL BL-19880328AI 930 kHz

Daytime

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

Power: 2.5 kW  
Graph Maximum: 1000 mV/m



Facility ID: 48240  
Application ID: 110762  
CDBS Antenna System ID: 3647

4 Towers  
0 Augmentations  
Theoretical pattern RMS: 467.62

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	461.41	484.76	
5	465.77	489.34	
10	478.74	502.95	
15	499.24	524.47	
20	525.70	552.24	
25	556.04	584.08	
30	587.72	617.33	
35	617.83	648.94	
40	643.28	675.65	
45	661.01	694.26	
50	668.36	701.98	
55	663.43	696.80	
60	645.44	677.91	
65	615.11	646.08	
70	574.82	603.79	
75	528.63	555.31	
80	481.82	506.19	
85	439.99	462.29	
90	407.41	428.10	
95	385.26	404.87	
100	371.10	390.00	
105	360.20	378.58	
110	347.97	365.74	
115	331.61	348.59	
120	310.87	326.84	
125	287.87	302.72	
130	266.60	280.42	
135	251.81	264.92	
140	247.24	260.13	
145	253.60	266.79	
150	268.32	282.22	
155	287.21	302.03	
160	306.27	322.01	
165	322.46	338.99	
170	333.77	350.86	
175	338.97	356.31	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	337.39	354.65	
185	328.78	345.62	
190	313.22	329.30	
195	291.14	306.15	
200	263.34	277.01	
205	231.11	243.24	
210	196.32	206.81	
215	161.57	170.46	
220	130.35	137.87	
225	106.94	113.51	
230	95.32	101.46	
235	96.59	102.77	
240	109.03	115.68	
245	132.20	139.80	
250	168.05	177.24	
255	218.26	229.78	
260	282.16	296.74	
265	356.70	374.90	
270	437.18	459.34	
275	518.15	544.31	
280	594.06	623.98	
285	659.94	693.13	
290	711.89	747.67	
295	747.41	784.96	
300	765.57	804.02	
305	766.91	805.43	
310	753.26	791.10	
315	727.39	763.94	
320	692.63	727.45	
325	652.55	685.38	
330	610.63	641.38	
335	570.02	598.75	
340	533.41	560.32	
345	502.94	528.35	
350	480.20	504.49	
355	466.20	489.79	

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.

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20 Nov 2009

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission