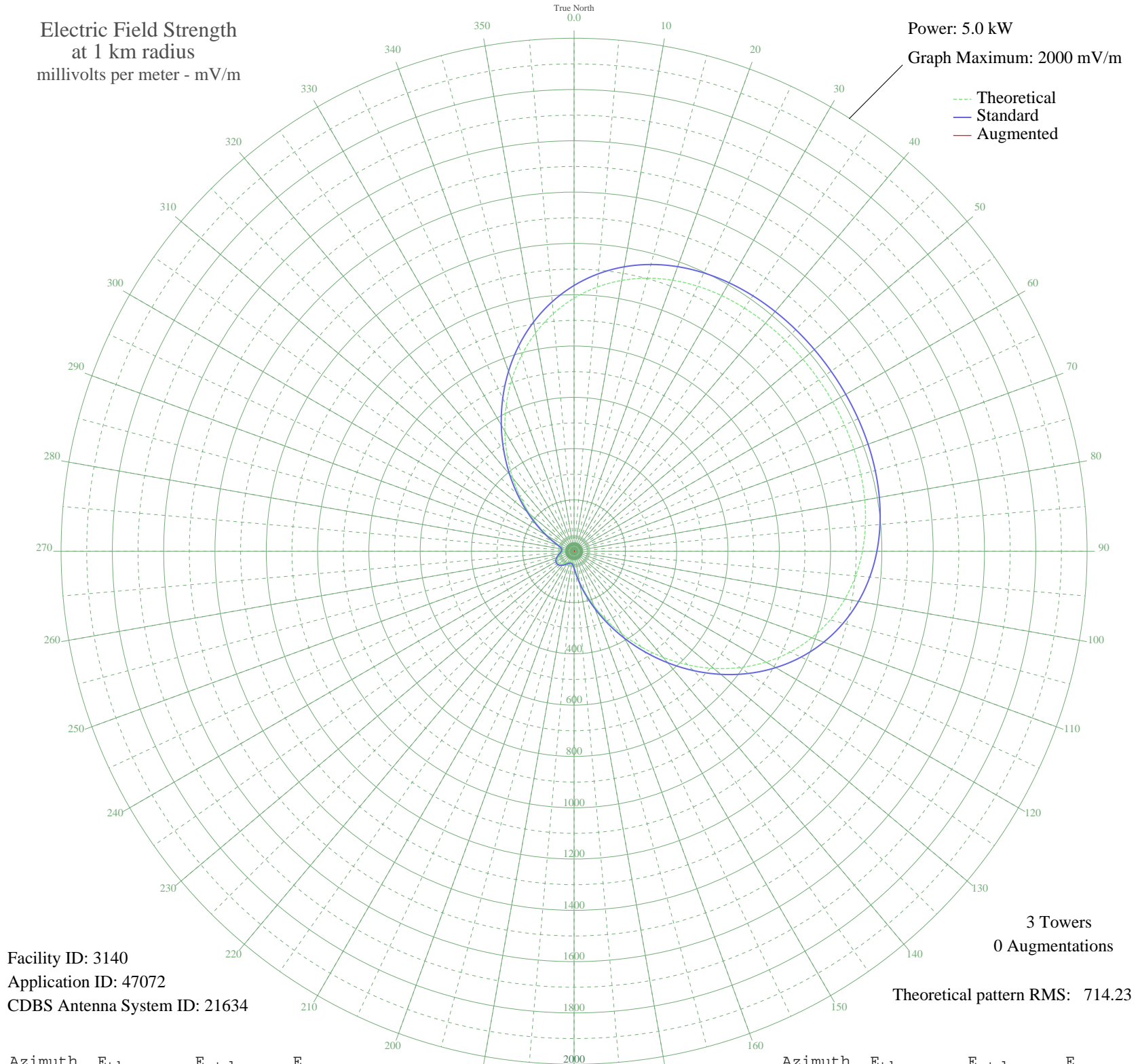


# WRED WESTBROOK, ME BL-19820917AN 1440 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 3140  
Application ID: 47072  
CDBS Antenna System ID: 21634

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 714.23

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	986.44	1036.03	
5	1033.84	1085.78	
10	1072.13	1125.98	
15	1101.93	1157.27	
20	1124.18	1180.62	
25	1140.03	1197.26	
30	1150.73	1208.49	
35	1157.51	1215.61	
40	1161.49	1219.79	
45	1163.62	1222.03	
50	1164.60	1223.06	
55	1164.88	1223.35	
60	1164.60	1223.06	
65	1163.62	1222.03	
70	1161.49	1219.79	
75	1157.51	1215.61	
80	1150.73	1208.49	
85	1140.03	1197.26	
90	1124.18	1180.62	
95	1101.93	1157.27	
100	1072.13	1125.98	
105	1033.84	1085.78	
110	986.44	1036.03	
115	929.78	976.56	
120	864.23	907.75	
125	790.72	830.59	
130	710.77	746.67	
135	626.38	658.12	
140	539.98	567.46	
145	454.19	477.47	
150	371.69	390.98	
155	295.01	310.65	
160	226.35	238.82	
165	167.46	177.39	
170	119.58	127.73	
175	83.45	90.71	

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.

14 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	59.21	66.46	
185	45.84	53.55	
190	40.34	48.43	
195	39.19	47.38	
200	40.65	48.71	
205	44.47	52.26	
210	50.39	57.88	
215	57.52	64.80	
220	64.63	71.80	
225	70.57	77.72	
230	74.48	81.65	
235	75.84	83.02	
240	74.48	81.65	
245	70.57	77.72	
250	64.63	71.80	
255	57.52	64.80	
260	50.39	57.88	
265	44.47	52.26	
270	40.65	48.71	
275	39.19	47.38	
280	40.34	48.43	
285	45.84	53.55	
290	59.21	66.46	
295	83.45	90.71	
300	119.58	127.73	
305	167.46	177.39	
310	226.35	238.82	
315	295.01	310.65	
320	371.69	390.98	
325	454.19	477.47	
330	539.98	567.46	
335	626.38	658.12	
340	710.77	746.67	
345	790.72	830.59	
350	864.23	907.75	
355	929.78	976.56	