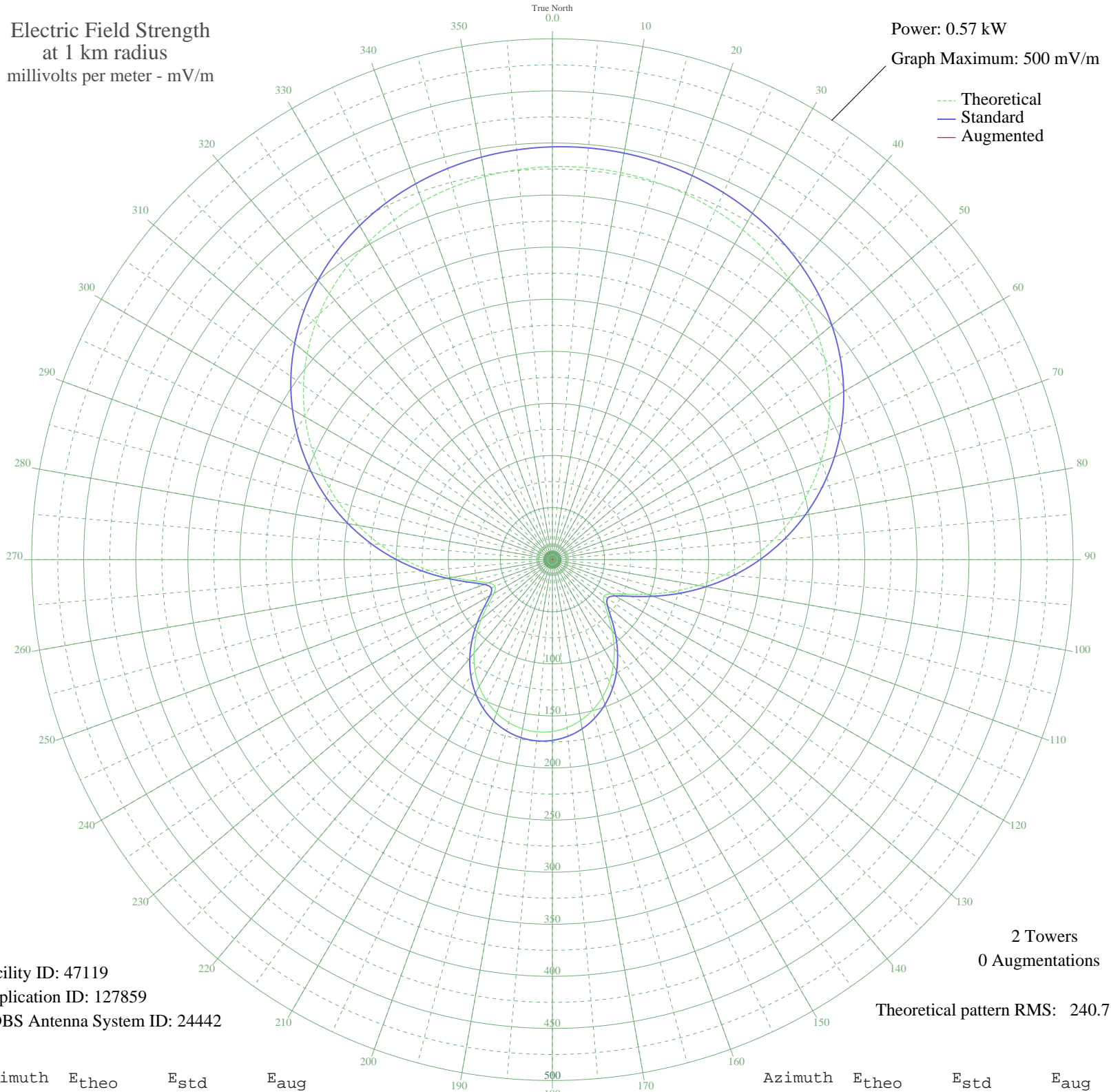


# WCHT ESCANABA, MI BL-19890419AF 600 kHz

Daytime

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

Power: 0.57 kW  
Graph Maximum: 500 mV/m



Facility ID: 47119  
Application ID: 127859  
CDBS Antenna System ID: 24442

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 240.71

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	377.29	396.29	
5	377.74	396.77	
10	377.29	396.29	
15	375.90	394.83	
20	373.53	392.35	
25	370.12	388.76	
30	365.55	383.97	
35	359.71	377.84	
40	352.49	370.26	
45	343.75	361.09	
50	333.38	350.20	
55	321.29	337.52	
60	307.42	322.96	
65	291.75	306.51	
70	274.31	288.21	
75	255.18	268.15	
80	234.53	246.48	
85	212.56	223.43	
90	189.57	199.33	
95	165.96	174.57	
100	142.21	149.69	
105	119.00	125.39	
110	97.30	102.71	
115	78.67	83.26	
120	65.54	69.61	
125	60.78	64.68	
130	65.09	69.15	
135	75.72	80.20	
140	89.25	94.30	
145	103.45	109.13	
150	117.10	123.41	
155	129.56	136.44	
160	140.43	147.83	
165	149.51	157.34	
170	156.67	164.84	
175	161.82	170.23	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	164.92	173.49	
185	165.96	174.57	
190	164.92	173.49	
195	161.82	170.23	
200	156.67	164.84	
205	149.51	157.34	
210	140.43	147.83	
215	129.56	136.44	
220	117.10	123.41	
225	103.45	109.13	
230	89.25	94.30	
235	75.72	80.20	
240	65.09	69.15	
245	60.78	64.68	
250	65.54	69.61	
255	78.67	83.26	
260	97.30	102.71	
265	119.00	125.39	
270	142.21	149.69	
275	165.96	174.57	
280	189.57	199.33	
285	212.56	223.43	
290	234.53	246.48	
295	255.18	268.15	
300	274.31	288.21	
305	291.75	306.51	
310	307.42	322.96	
315	321.29	337.52	
320	333.38	350.20	
325	343.75	361.09	
330	352.49	370.26	
335	359.71	377.84	
340	365.55	383.97	
345	370.12	388.76	
350	373.53	392.35	
355	375.90	394.83	

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