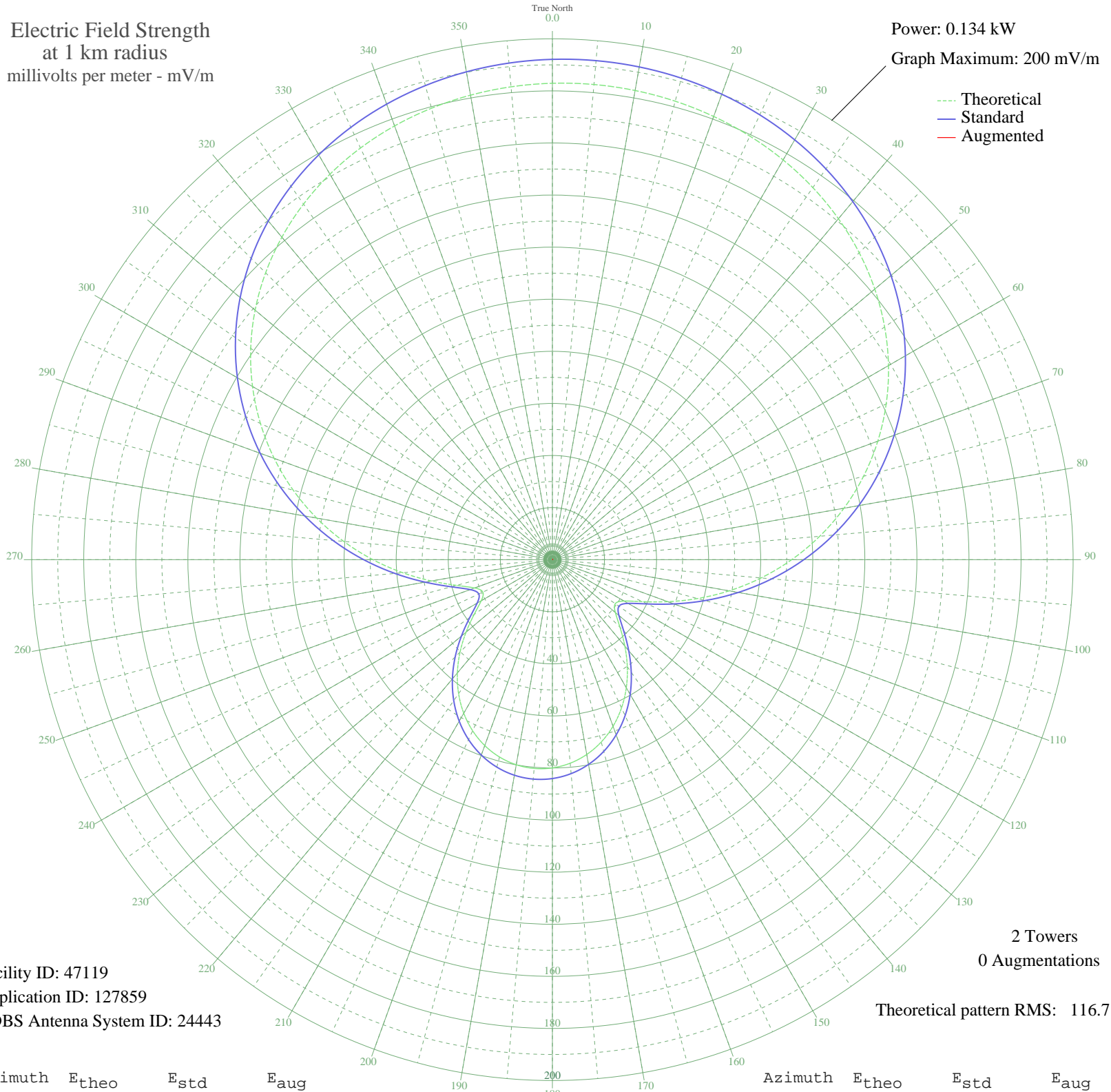


WCHT ESCANABA, MI BL-19890419AF 600 kHz

Nighttime

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

Power: 0.134 kW
Graph Maximum: 200 mV/m



Facility ID: 47119
Application ID: 127859
CDBS Antenna System ID: 24443

2 Towers
0 Augmentations

Theoretical pattern RMS: 116.71

Azimuth	E _{theo}	E _{std}	E _{aug}
0	182.93	192.12	
5	183.15	192.35	
10	182.93	192.12	
15	182.26	191.41	
20	181.11	190.21	
25	179.45	188.47	
30	177.24	186.14	
35	174.41	183.17	
40	170.91	179.49	
45	166.67	175.04	
50	161.64	169.77	
55	155.78	163.61	
60	149.05	156.55	
65	141.46	148.58	
70	133.00	139.70	
75	123.73	129.97	
80	113.71	119.46	
85	103.06	108.28	
90	91.92	96.59	
95	80.47	84.58	
100	68.95	72.50	
105	57.70	60.70	
110	47.18	49.69	
115	38.14	40.23	
120	31.78	33.58	
125	29.47	31.18	
130	31.56	33.36	
135	36.71	38.74	
140	43.27	45.60	
145	50.16	52.80	
150	56.78	59.74	
155	62.82	66.07	
160	68.09	71.60	
165	72.49	76.21	
170	75.96	79.85	
175	78.46	82.47	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	79.96	84.05	
185	80.47	84.58	
190	79.96	84.05	
195	78.46	82.47	
200	75.96	79.85	
205	72.49	76.21	
210	68.09	71.60	
215	62.82	66.07	
220	56.78	59.74	
225	50.16	52.80	
230	43.27	45.60	
235	36.71	38.74	
240	31.56	33.36	
245	29.47	31.18	
250	31.78	33.58	
255	38.14	40.23	
260	47.18	49.69	
265	57.70	60.70	
270	68.95	72.50	
275	80.47	84.58	
280	91.92	96.59	
285	103.06	108.28	
290	113.71	119.46	
295	123.73	129.97	
300	133.00	139.70	
305	141.46	148.58	
310	149.05	156.55	
315	155.78	163.61	
320	161.64	169.77	
325	166.67	175.04	
330	170.91	179.49	
335	174.41	183.17	
340	177.24	186.14	
345	179.45	188.47	
350	181.11	190.21	
355	182.26	191.41	