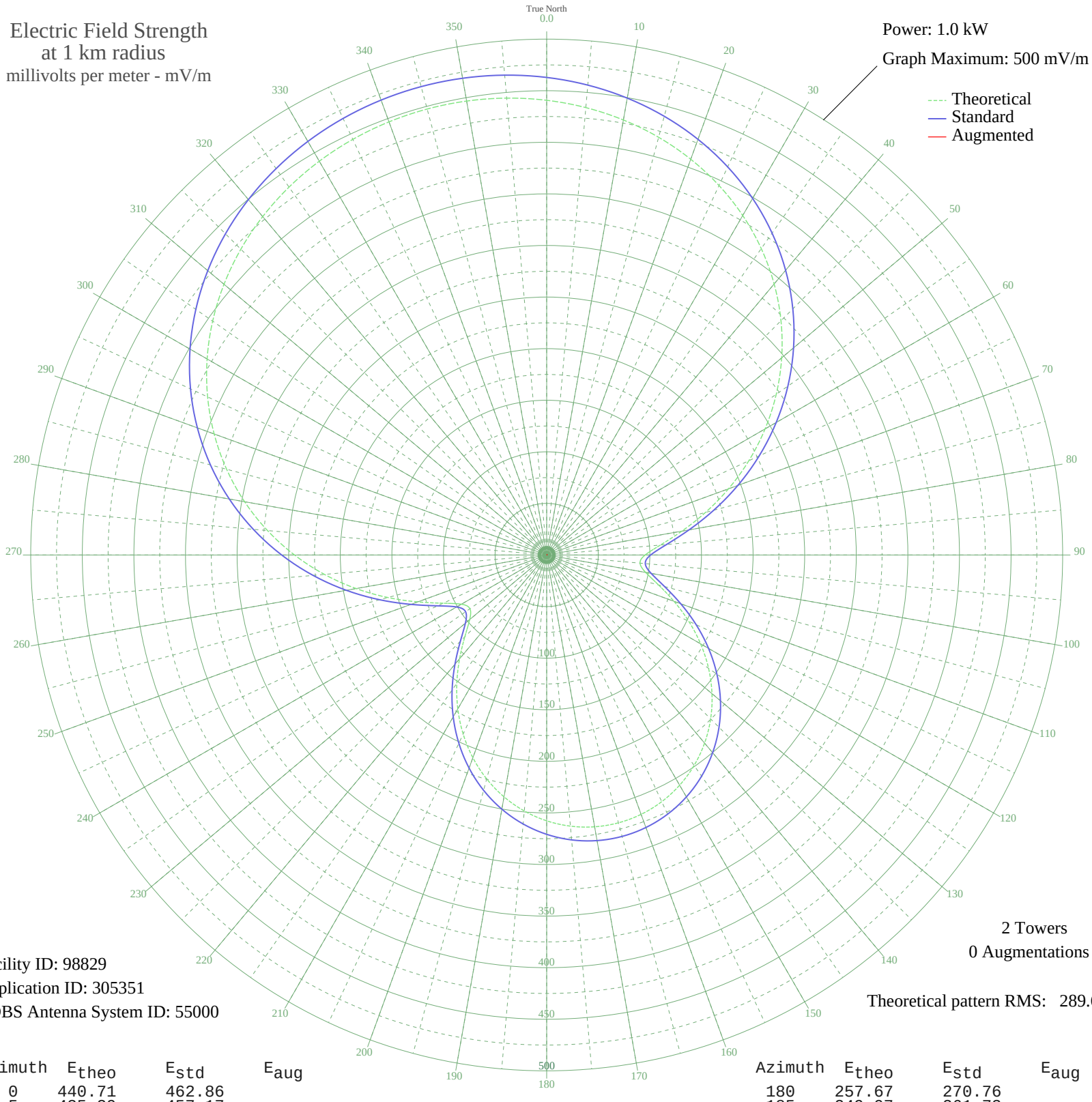
CJNR BLIND RIVER, ON Canada -- 730 kHz

Nighttime

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



Power: 1.0 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 98829
Application ID: 305351
CDBS Antenna System ID: 55000

Theoretical pattern RMS: 289.68

Azimuth	E_{theo}	E_{std}	E_{aug}
0	440.71	462.86	
5	435.29	457.17	
10	428.13	449.66	
15	419.14	440.22	
20	408.18	428.72	
25	395.15	415.04	
30	379.96	399.09	
35	362.55	380.82	
40	342.91	360.21	
45	321.11	337.33	
50	297.26	312.30	
55	271.58	285.35	
60	244.39	256.83	
65	216.15	227.20	
70	187.49	197.14	
75	159.31	167.61	
80	132.97	140.02	
85	110.61	116.62	
90	95.42	100.74	
95	90.78	95.90	
100	97.40	102.80	
105	112.21	118.29	
110	131.29	138.25	
115	151.85	159.78	
120	172.24	181.16	
125	191.52	201.37	
130	209.12	219.82	
135	224.70	236.17	
140	238.06	250.18	
145	249.07	261.73	
150	257.67	270.76	
155	263.83	277.22	
160	267.53	281.11	
165	268.77	282.40	
170	267.53	281.11	
175	263.83	277.22	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	257.67	270.76	
185	249.07	261.73	
190	238.06	250.18	
195	224.70	236.17	
200	209.12	219.82	
205	191.52	201.37	
210	172.24	181.16	
215	151.85	159.78	
220	131.29	138.25	
225	112.21	118.29	
230	97.40	102.80	
235	90.78	95.90	
240	95.42	100.74	
245	110.61	116.62	
250	132.97	140.02	
255	159.31	167.60	
260	187.49	197.14	
265	216.15	227.20	
270	244.39	256.83	
275	271.58	285.35	
280	297.26	312.30	
285	321.11	337.33	
290	342.91	360.21	
295	362.55	380.82	
300	379.96	399.09	
305	395.15	415.04	
310	408.18	428.72	
315	419.14	440.22	
320	428.13	449.66	
325	435.29	457.17	
330	440.71	462.86	
335	444.50	466.85	
340	446.75	469.20	
345	447.49	469.98	
350	446.75	469.20	
355	444.50	466.85	

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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Prepared by Audio Division, Media Bureau
Federal Communications Commission