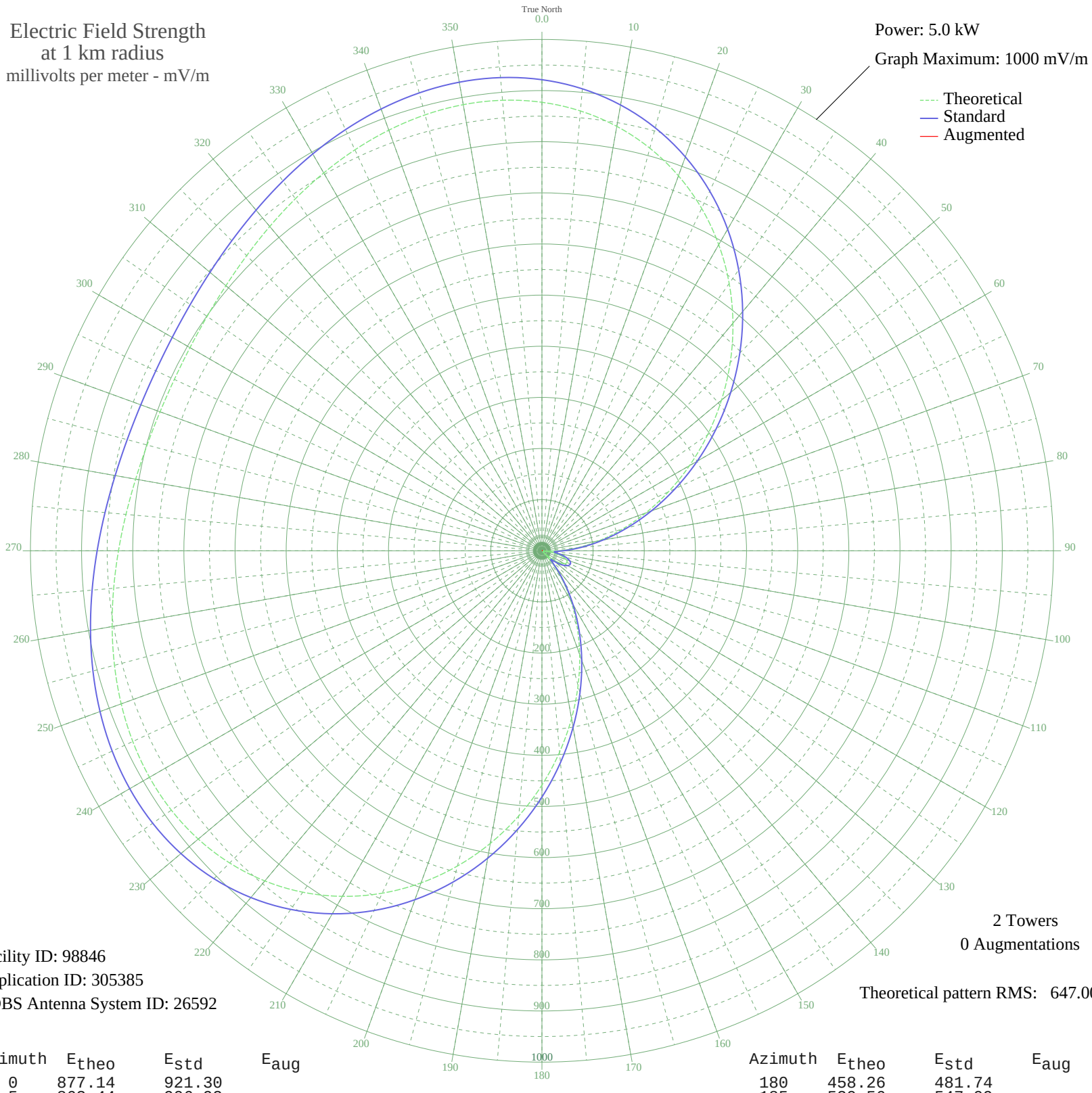
CKQR CASTLEGAR, BC Canada -- 760 kHz

Nighttime

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



Power: 5.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 98846
Application ID: 305385
CDBS Antenna System ID: 26592

Theoretical pattern RMS: 647.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	877.14	921.30	
5	863.44	906.92	
10	842.85	885.30	
15	815.15	856.23	
20	780.38	819.74	
25	738.89	776.19	
30	691.24	726.18	
35	638.26	670.58	
40	580.98	610.48	
45	520.56	547.09	
50	458.26	481.74	
55	395.37	415.80	
60	333.15	350.60	
65	272.82	287.42	
70	215.47	227.45	
75	162.04	171.76	
80	113.37	121.33	
85	70.11	77.27	
90	32.80	41.68	
95	1.83	23.56	
100	22.51	33.31	
105	40.02	48.13	
110	50.57	58.06	
115	54.09	61.46	
120	50.57	58.06	
125	40.02	48.13	
130	22.51	33.31	
135	1.83	23.56	
140	32.80	41.68	
145	70.11	77.27	
150	113.37	121.33	
155	162.04	171.76	
160	215.46	227.45	
165	272.82	287.42	
170	333.15	350.60	
175	395.36	415.80	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	458.26	481.74	
185	520.56	547.09	
190	580.98	610.48	
195	638.26	670.58	
200	691.24	726.18	
205	738.89	776.18	
210	780.38	819.74	
215	815.15	856.22	
220	842.85	885.30	
225	863.44	906.91	
230	877.14	921.30	
235	884.42	928.94	
240	885.96	930.56	
245	882.61	927.04	
250	875.34	919.41	
255	865.20	908.76	
260	853.23	896.20	
265	840.47	882.81	
270	827.89	869.61	
275	816.35	857.49	
280	806.58	847.23	
285	799.17	839.46	
290	794.55	834.61	
295	792.98	832.96	
300	794.55	834.61	
305	799.17	839.46	
310	806.58	847.23	
315	816.35	857.49	
320	827.89	869.61	
325	840.47	882.81	
330	853.23	896.20	
335	865.20	908.76	
340	875.34	919.41	
345	882.61	927.04	
350	885.96	930.56	
355	884.42	928.94	

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