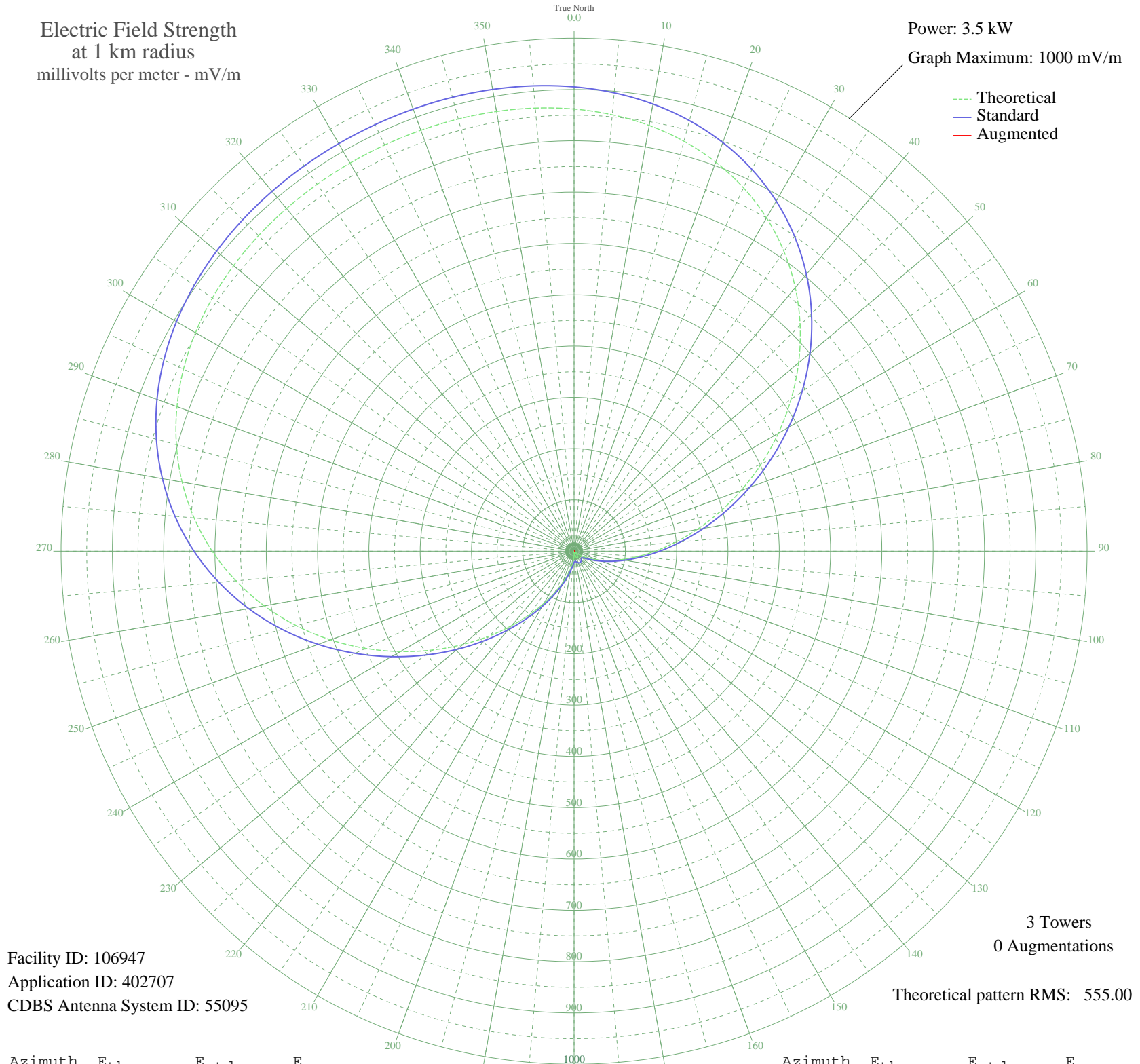


# CKKY WAINWRIGHT, AB Canada -- 830 kHz

Nighttime

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

Power: 3.5 kW  
Graph Maximum: 1000 mV/m



Facility ID: 106947  
Application ID: 402707  
CDBS Antenna System ID: 55095

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 555.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	861.93	905.24	
5	854.06	896.98	
10	842.78	885.14	
15	827.37	868.96	
20	807.16	847.74	
25	781.60	820.92	
30	750.37	788.13	
35	713.37	749.30	
40	670.81	704.63	
45	623.21	654.67	
50	571.39	600.28	
55	516.45	542.63	
60	459.71	483.09	
65	402.59	423.17	
70	346.55	364.41	
75	292.97	308.25	
80	243.06	255.97	
85	197.76	208.57	
90	157.68	166.73	
95	123.11	130.75	
100	93.97	100.60	
105	69.89	75.97	
110	50.29	56.34	
115	34.43	41.14	
120	21.59	30.00	
125	11.16	22.87	
130	2.70	19.85	
135	4.05	20.10	
140	9.18	21.88	
145	12.70	23.74	
150	14.56	24.89	
155	14.73	25.00	
160	13.20	24.04	
165	10.01	22.28	
170	5.20	20.39	
175	1.23	19.69	

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	9.32	21.95	
185	19.33	28.25	
190	31.64	38.59	
195	46.84	52.96	
200	65.64	71.66	
205	88.76	95.25	
210	116.85	124.26	
215	150.32	159.06	
220	189.31	199.74	
225	233.61	246.07	
230	282.66	297.45	
235	335.59	352.92	
240	391.25	411.28	
245	448.27	471.09	
250	505.20	530.83	
255	560.61	588.97	
260	613.15	644.11	
265	661.67	695.03	
270	705.29	740.82	
275	743.43	780.85	
280	775.82	814.84	
285	802.49	842.84	
290	823.73	865.14	
295	840.05	882.27	
300	852.10	894.92	
305	860.59	903.84	
310	866.28	909.81	
315	869.87	913.57	
320	871.97	915.78	
325	873.08	916.95	
330	873.56	917.45	
335	873.61	917.50	
340	873.22	917.09	
345	872.25	916.08	
350	870.39	914.12	
355	867.15	910.72	