

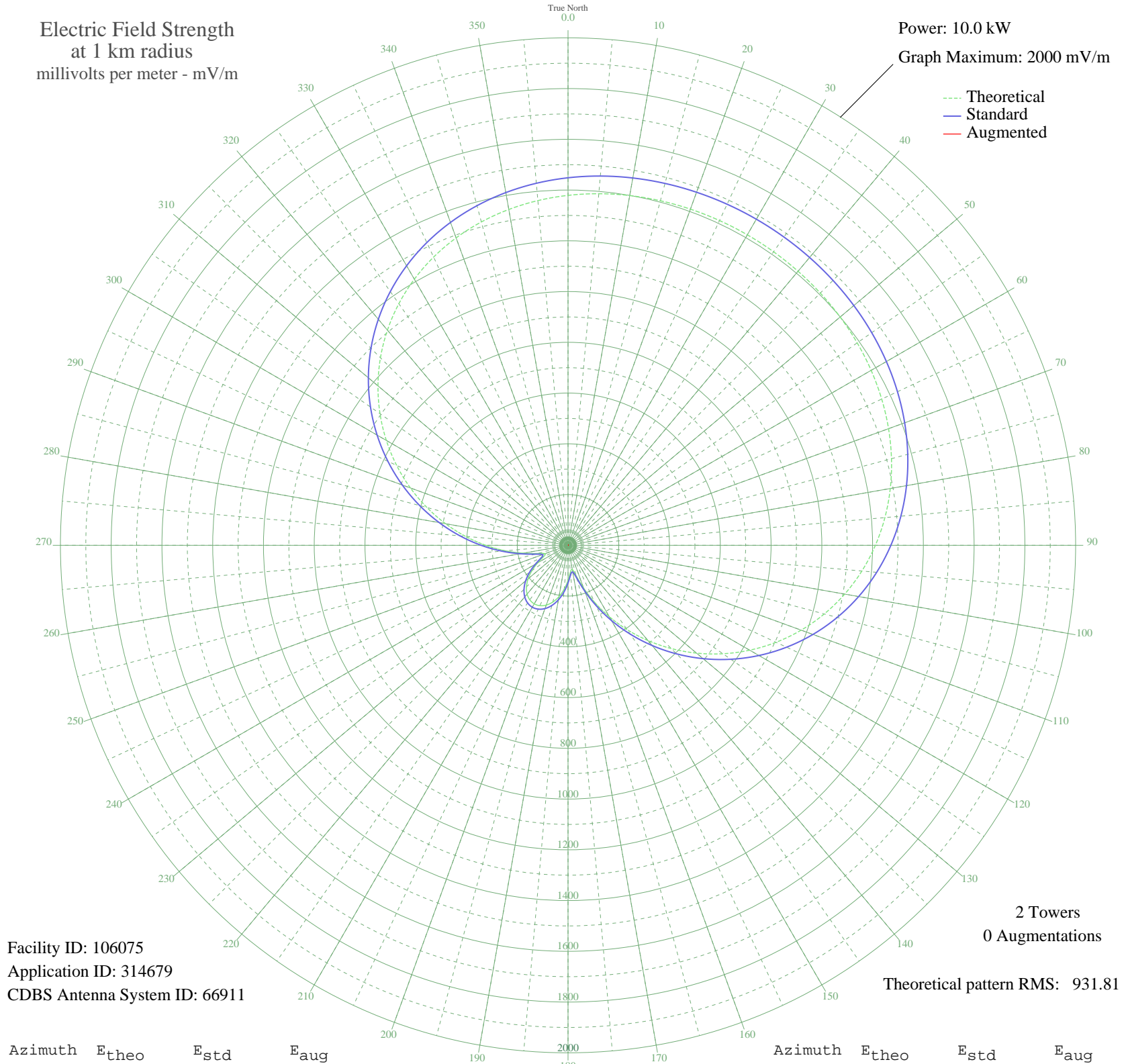
# CKEK CRANBROOK, BC Canada -- 570 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 106075  
Application ID: 314679  
CDBS Antenna System ID: 66911

2 Towers  
0 Augmentations

Theoretical pattern RMS: 931.81

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1379.11	1448.45	
5	1390.90	1460.82	
10	1399.62	1469.97	
15	1405.80	1476.46	
20	1409.88	1480.74	
25	1412.19	1483.17	
30	1412.94	1483.95	
35	1412.19	1483.17	
40	1409.88	1480.74	
45	1405.80	1476.46	
50	1399.62	1469.97	
55	1390.90	1460.82	
60	1379.11	1448.45	
65	1363.67	1432.24	
70	1343.95	1411.54	
75	1319.36	1385.72	
80	1289.31	1354.18	
85	1253.33	1316.41	
90	1211.05	1272.03	
95	1162.26	1220.83	
100	1106.94	1162.76	
105	1045.24	1098.00	
110	977.53	1026.94	
115	904.39	950.19	
120	826.59	868.56	
125	745.08	783.04	
130	660.95	694.79	
135	575.42	605.11	
140	489.82	515.38	
145	405.57	427.14	
150	324.25	342.08	
155	247.79	262.29	
160	179.15	191.01	
165	124.31	134.69	
170	96.55	106.67	
175	106.35	116.50	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	137.75	148.40	
185	173.08	184.74	
190	205.20	218.00	
195	231.44	245.27	
200	250.69	265.31	
205	262.40	277.52	
210	266.33	281.61	
215	262.40	277.52	
220	250.69	265.31	
225	231.44	245.27	
230	205.20	218.00	
235	173.08	184.74	
240	137.75	148.40	
245	106.35	116.50	
250	96.55	106.67	
255	124.31	134.69	
260	179.15	191.01	
265	247.79	262.29	
270	324.25	342.08	
275	405.57	427.14	
280	489.82	515.38	
285	575.42	605.11	
290	660.95	694.79	
295	745.08	783.04	
300	826.59	868.56	
305	904.39	950.19	
310	977.53	1026.95	
315	1045.24	1098.00	
320	1106.94	1162.76	
325	1162.27	1220.83	
330	1211.05	1272.04	
335	1253.33	1316.41	
340	1289.31	1354.18	
345	1319.36	1385.72	
350	1343.95	1411.54	
355	1363.67	1432.24	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission