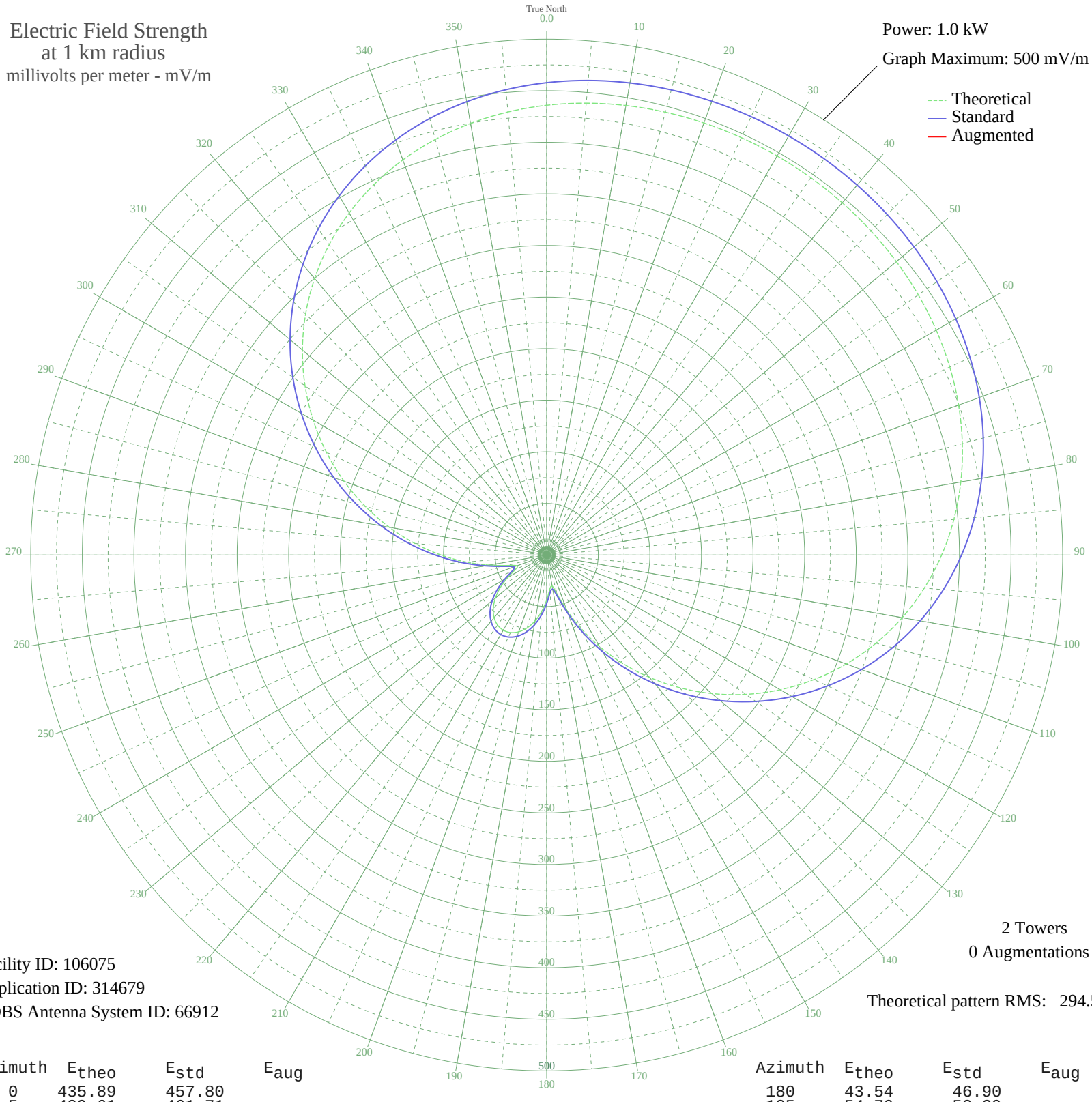
CKEK CRANBROOK, BC Canada -- 570 kHz

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: 106075
Application ID: 314679
CDBS Antenna System ID: 66912

Theoretical pattern RMS: 294.51

Azimuth	E_{theo}	E_{std}	E_{aug}
0	435.89	457.80	
5	439.61	461.71	
10	442.37	464.60	
15	444.32	466.65	
20	445.61	468.01	
25	446.34	468.77	
30	446.58	469.02	
35	446.34	468.77	
40	445.61	468.01	
45	444.32	466.65	
50	442.37	464.60	
55	439.61	461.71	
60	435.89	457.80	
65	431.00	452.68	
70	424.77	446.14	
75	417.00	437.97	
80	407.50	428.01	
85	396.13	416.07	
90	382.77	402.04	
95	367.35	385.86	
100	349.86	367.51	
105	330.36	347.04	
110	308.96	324.58	
115	285.84	300.32	
120	261.26	274.52	
125	235.49	247.49	
130	208.90	219.60	
135	181.87	191.25	
140	154.81	162.89	
145	128.19	135.00	
150	102.48	108.12	
155	78.32	82.90	
160	56.62	60.37	
165	39.29	42.57	
170	30.52	33.72	
175	33.61	36.82	
180	43.54	46.90	
185	54.70	58.39	
190	64.85	68.90	
195	73.15	77.52	
200	79.23	83.86	
205	82.94	87.71	
210	84.18	89.01	
215	82.94	87.71	
220	79.23	83.86	
225	73.15	77.52	
230	64.85	68.90	
235	54.70	58.39	
240	43.54	46.90	
245	33.61	36.82	
250	30.52	33.72	
255	39.29	42.57	
260	56.62	60.37	
265	78.32	82.90	
270	102.48	108.12	
275	128.19	135.00	
280	154.81	162.89	
285	181.87	191.25	
290	208.90	219.60	
295	235.49	247.49	
300	261.26	274.52	
305	285.84	300.32	
310	308.96	324.58	
315	330.36	347.04	
320	349.86	367.51	
325	367.35	385.86	
330	382.77	402.04	
335	396.13	416.07	
340	407.50	428.01	
345	417.00	437.97	
350	424.77	446.14	
355	431.00	452.68	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission