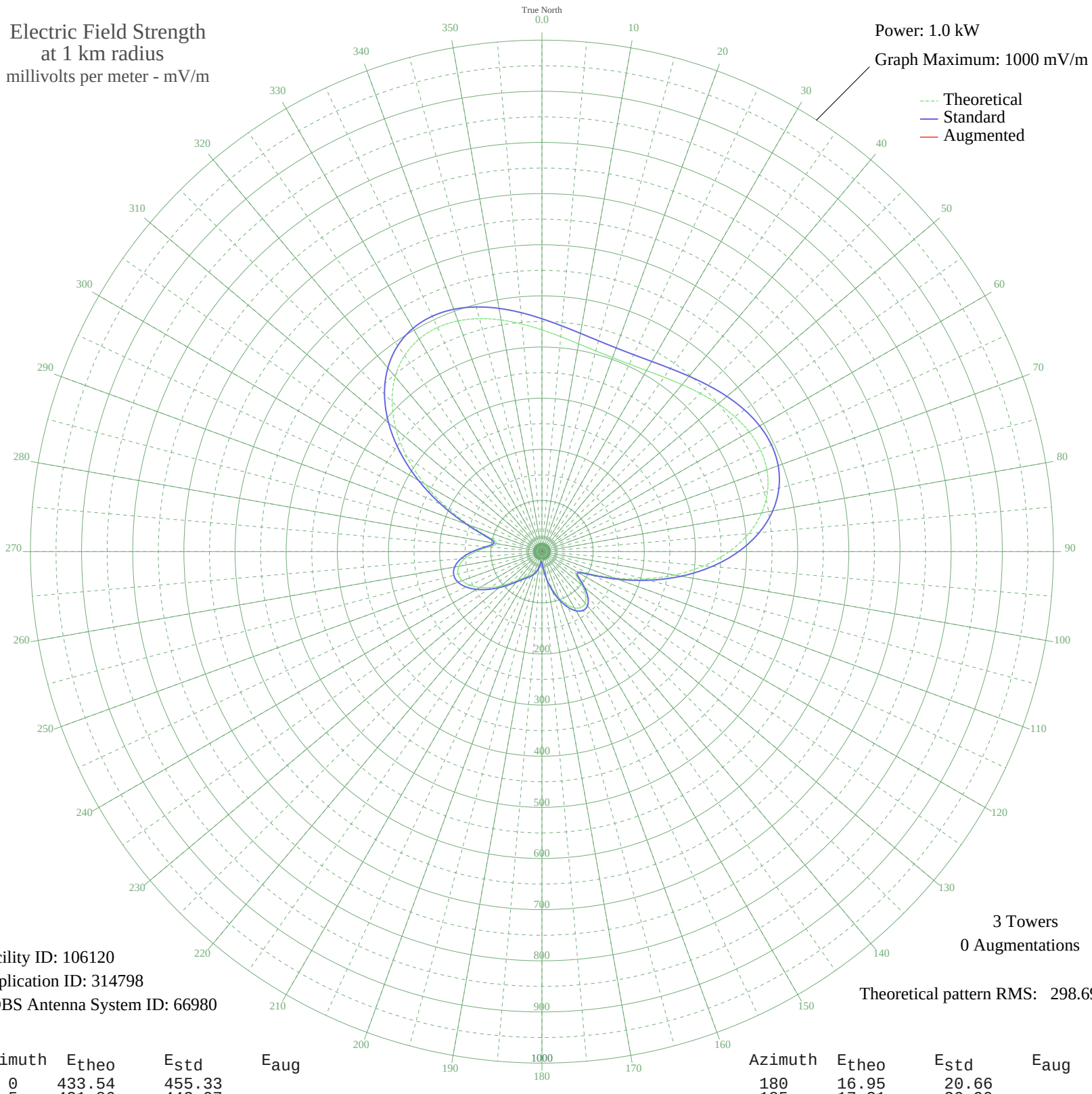
CFBK HUNTSVILLE, ON Canada -- 630 kHz

Nighttime

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



Power: 1.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 106120
Application ID: 314798
CDBS Antenna System ID: 66980

Theoretical pattern RMS: 298.69

Azimuth	E_{theo}	E_{std}	E_{aug}
0	433.54	455.33	
5	421.86	443.07	
10	412.55	433.31	
15	406.32	426.76	
20	403.56	423.87	
25	404.42	424.77	
30	408.77	429.34	
35	416.24	437.18	
40	426.18	447.61	
45	437.65	459.65	
50	449.46	472.05	
55	460.13	483.25	
60	467.98	491.49	
65	471.19	494.86	
70	467.96	491.47	
75	456.69	479.64	
80	436.19	458.12	
85	405.88	426.30	
90	365.99	384.43	
95	317.69	333.74	
100	263.16	276.52	
105	205.63	216.17	
110	149.72	157.56	
115	102.72	108.37	
120	77.51	82.06	
125	82.73	87.50	
130	102.55	108.19	
135	120.77	127.25	
140	131.48	138.45	
145	133.34	140.40	
150	126.93	133.69	
155	113.70	119.85	
160	95.57	100.89	
165	74.56	78.99	
170	52.71	56.34	
175	32.19	35.39	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	16.95	20.66	
185	17.21	20.90	
190	27.43	30.66	
195	37.04	40.28	
200	44.38	47.76	
205	50.00	53.54	
210	55.39	59.10	
215	62.44	66.40	
220	72.75	77.10	
225	86.77	91.71	
230	103.79	109.48	
235	122.26	128.81	
240	140.23	147.62	
245	155.53	163.65	
250	165.98	174.59	
255	169.56	178.35	
260	164.75	173.30	
265	150.89	158.78	
270	129.06	135.92	
275	104.17	109.88	
280	89.97	95.05	
285	105.97	111.76	
290	149.72	157.56	
295	206.04	216.59	
300	265.33	278.79	
305	322.05	338.31	
310	372.54	391.30	
315	414.40	435.25	
320	446.34	468.77	
325	468.04	491.55	
330	480.03	504.14	
335	483.49	507.77	
340	480.03	504.14	
345	471.50	495.19	
350	459.77	482.88	
355	446.60	469.05	

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