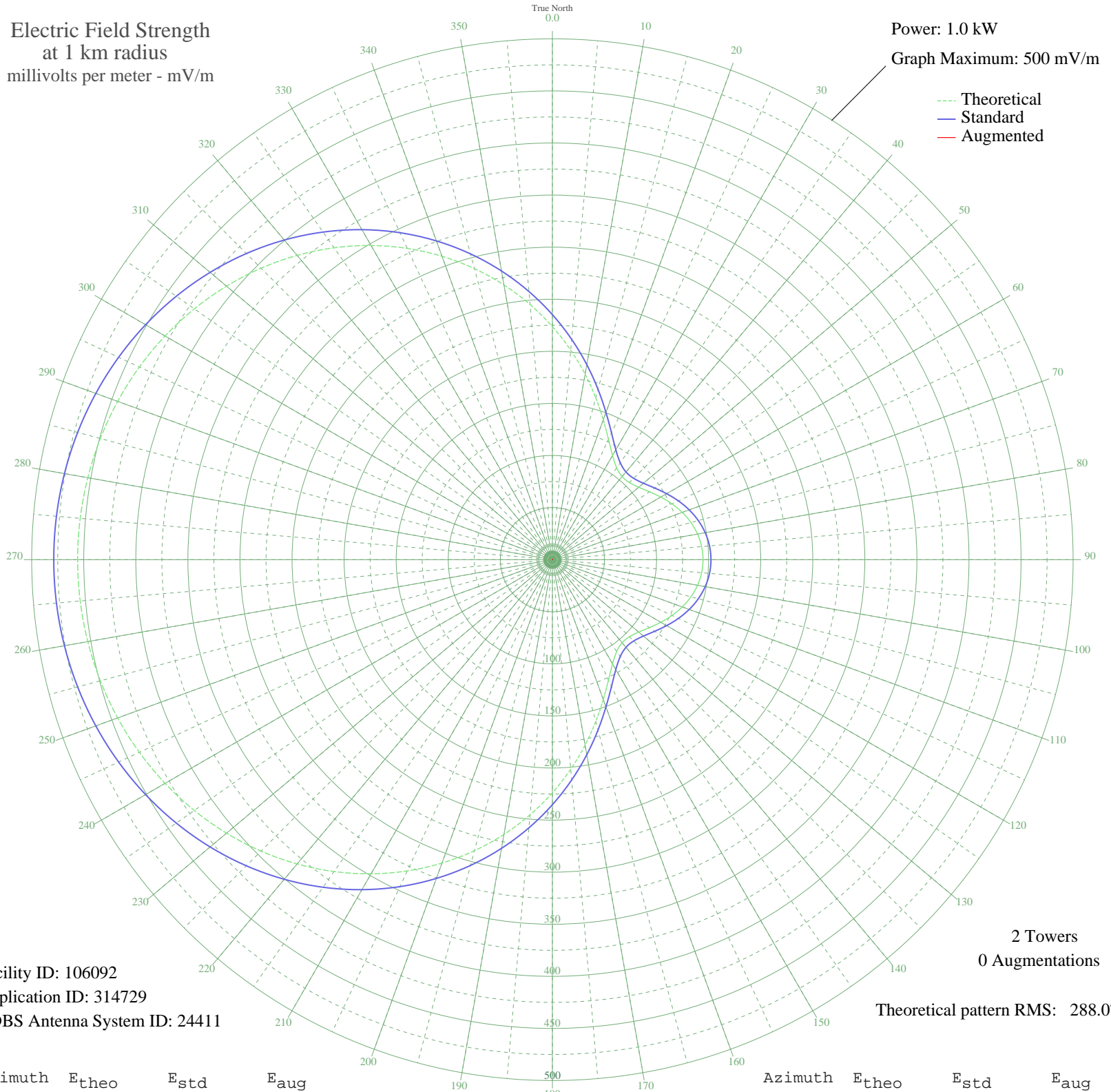


# CFTK TERRACE, BC Canada -- 590 kHz

Unlimited Time

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 106092  
Application ID: 314729  
CDBS Antenna System ID: 24411

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 288.07

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	223.76	235.21	
5	201.92	212.30	
10	180.76	190.12	
15	160.85	169.26	
20	142.83	150.39	
25	127.46	134.29	
30	115.51	121.79	
35	107.66	113.58	
40	104.14	109.91	
45	104.61	110.40	
50	108.17	114.12	
55	113.70	119.90	
60	120.16	126.65	
65	126.69	133.49	
70	132.69	139.77	
75	137.73	145.04	
80	141.51	148.99	
85	143.84	151.44	
90	144.63	152.26	
95	143.84	151.44	
100	141.51	148.99	
105	137.73	145.04	
110	132.69	139.77	
115	126.69	133.49	
120	120.16	126.65	
125	113.70	119.90	
130	108.17	114.12	
135	104.61	110.40	
140	104.14	109.91	
145	107.66	113.58	
150	115.51	121.79	
155	127.46	134.29	
160	142.83	150.39	
165	160.85	169.26	
170	180.76	190.12	
175	201.92	212.30	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	223.76	235.21	
185	245.85	258.38	
190	267.78	281.39	
195	289.23	303.90	
200	309.94	325.62	
205	329.66	346.32	
210	348.22	365.80	
215	365.47	383.91	
220	381.31	400.53	
225	395.66	415.60	
230	408.48	429.05	
235	419.74	440.87	
240	429.45	451.05	
245	437.60	459.61	
250	444.23	466.57	
255	449.35	471.95	
260	452.99	475.76	
265	455.16	478.05	
270	455.88	478.81	
275	455.16	478.05	
280	452.99	475.76	
285	449.35	471.95	
290	444.23	466.57	
295	437.60	459.61	
300	429.45	451.05	
305	419.74	440.87	
310	408.48	429.05	
315	395.66	415.60	
320	381.31	400.53	
325	365.47	383.91	
330	348.22	365.80	
335	329.66	346.32	
340	309.94	325.62	
345	289.23	303.90	
350	267.78	281.39	
355	245.85	258.38	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission