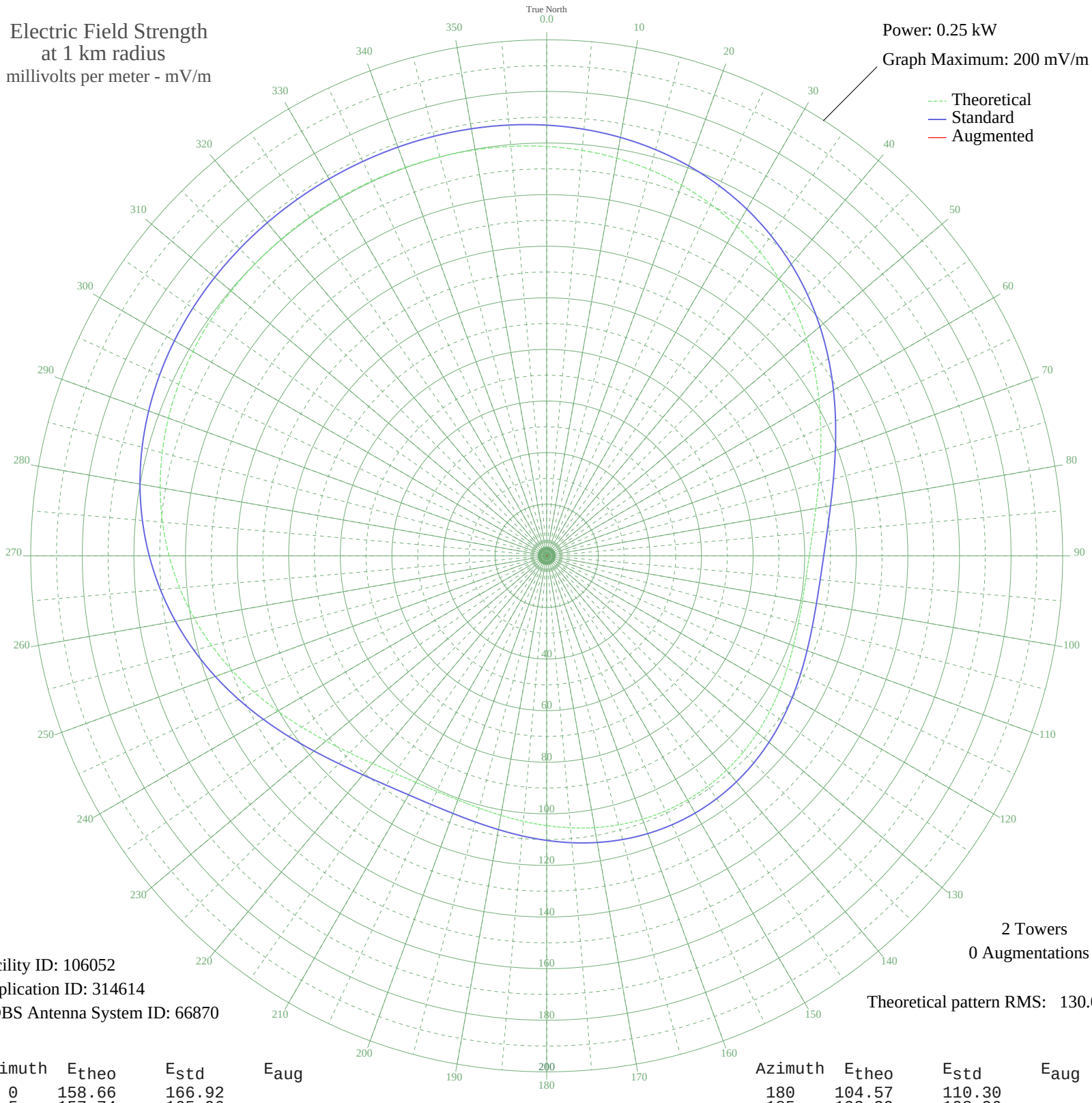
CJFT FORT ERIE, ON Canada -- 530 kHz

Unlimited Time

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



Power: 0.25 kW

Graph Maximum: 200 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 106052
Application ID: 314614
CDBS Antenna System ID: 66870

Theoretical pattern RMS: 130.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	158.66	166.92	
5	157.74	165.96	
10	156.51	164.67	
15	154.90	162.98	
20	152.87	160.86	
25	150.38	158.25	
30	147.42	155.15	
35	143.99	151.55	
40	140.11	147.49	
45	135.85	143.03	
50	131.30	138.27	
55	126.58	133.33	
60	121.84	128.36	
65	117.23	123.54	
70	112.94	119.05	
75	109.13	115.06	
80	105.94	111.73	
85	103.47	109.15	
90	101.79	107.39	
95	100.86	106.42	
100	100.64	106.19	
105	101.00	106.56	
110	101.80	107.40	
115	102.90	108.56	
120	104.16	109.87	
125	105.44	111.21	
130	106.63	112.46	
135	107.66	113.53	
140	108.45	114.36	
145	108.97	114.90	
150	109.18	115.12	
155	109.07	115.00	
160	108.65	114.57	
165	107.94	113.83	
170	106.98	112.82	
175	105.83	111.62	
180	104.57	110.30	
185	103.29	108.96	
190	102.13	107.75	
195	101.21	106.79	
200	100.69	106.25	
205	100.72	106.27	
210	101.41	107.00	
215	102.85	108.50	
220	105.07	110.82	
225	108.03	113.92	
230	111.66	117.71	
235	115.82	122.06	
240	120.34	126.79	
245	125.06	131.73	
250	129.81	136.70	
255	134.42	141.54	
260	138.79	146.10	
265	142.79	150.30	
270	146.37	154.05	
275	149.49	157.31	
280	152.12	160.08	
285	154.30	162.35	
290	156.04	164.17	
295	157.38	165.59	
300	158.40	166.65	
305	159.13	167.41	
310	159.64	167.95	
315	159.97	168.30	
320	160.18	168.52	
325	160.29	168.64	
330	160.34	168.68	
335	160.31	168.66	
340	160.22	168.56	
345	160.05	168.38	
350	159.76	168.08	
355	159.31	167.61	

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