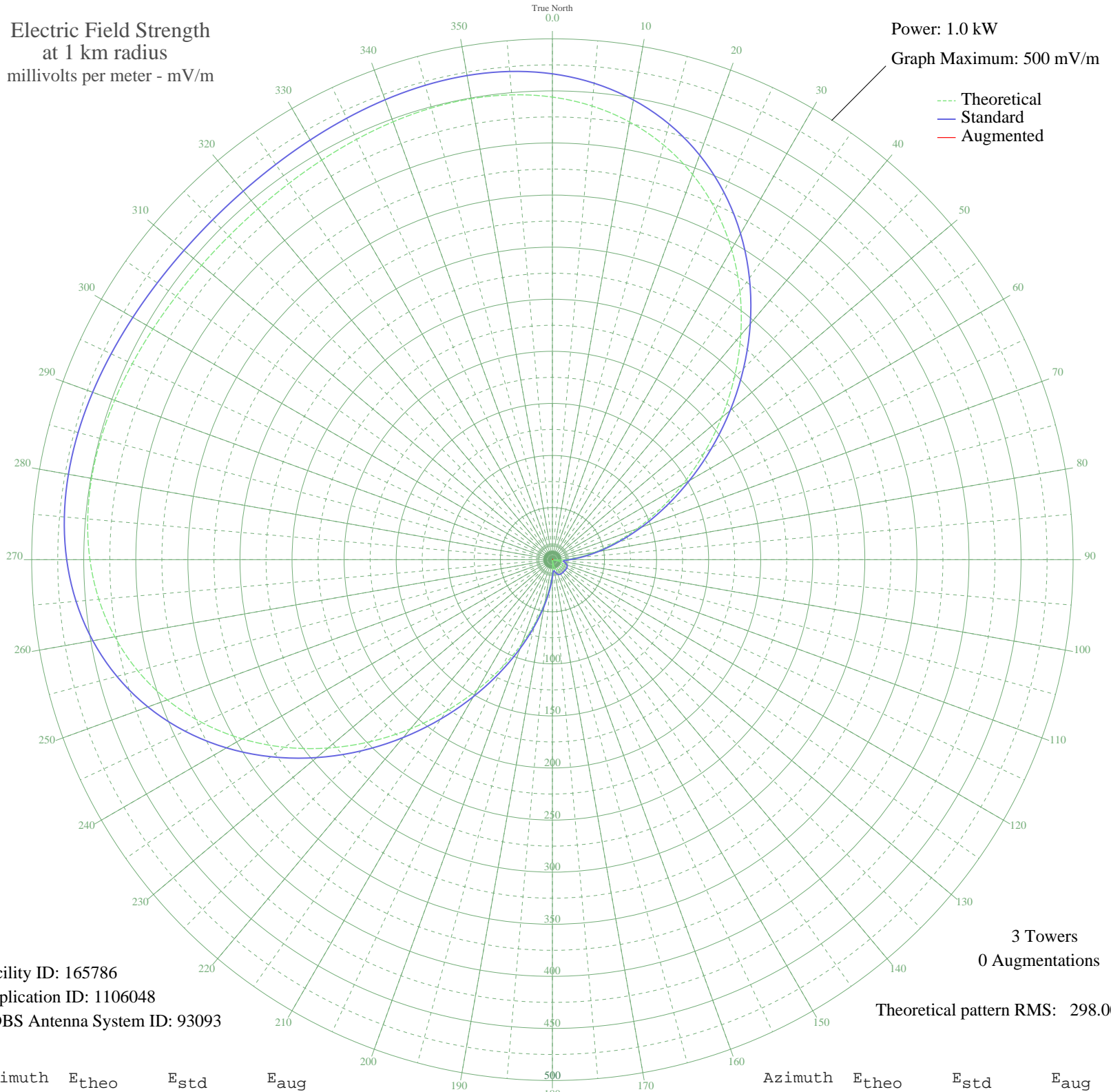


# 770NIP NIPIGON, ON Canada -- 770 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 165786  
Application ID: 1106048  
CDBS Antenna System ID: 93093

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 298.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	444.07	466.39	
5	437.16	459.14	
10	426.66	448.11	
15	412.17	432.91	
20	393.52	413.33	
25	370.71	389.38	
30	344.02	361.37	
35	313.98	329.85	
40	281.33	295.58	
45	247.00	259.56	
50	212.02	222.86	
55	177.46	186.62	
60	144.34	151.92	
65	113.58	119.72	
70	85.88	90.78	
75	61.76	65.69	
80	41.47	44.79	
85	25.05	28.32	
90	12.31	16.65	
95	2.92	10.94	
100	3.58	11.15	
105	7.74	13.28	
110	10.10	14.92	
115	11.20	15.77	
120	11.52	16.01	
125	11.44	15.96	
130	11.28	15.83	
135	11.21	15.77	
140	11.28	15.83	
145	11.44	15.96	
150	11.52	16.01	
155	11.20	15.77	
160	10.10	14.92	
165	7.74	13.28	
170	3.58	11.15	
175	2.92	10.94	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	12.31	16.65	
185	25.05	28.32	
190	41.47	44.79	
195	61.76	65.69	
200	85.88	90.78	
205	113.58	119.72	
210	144.34	151.92	
215	177.46	186.62	
220	212.02	222.86	
225	247.00	259.56	
230	281.33	295.58	
235	313.98	329.85	
240	344.02	361.37	
245	370.71	389.38	
250	393.52	413.33	
255	412.17	432.91	
260	426.66	448.11	
265	437.16	459.14	
270	444.07	466.39	
275	447.92	470.43	
280	449.31	471.89	
285	448.90	471.46	
290	447.31	469.79	
295	445.14	467.52	
300	442.90	465.16	
305	440.99	463.16	
310	439.72	461.83	
315	439.28	461.37	
320	439.72	461.83	
325	440.99	463.16	
330	442.90	465.16	
335	445.14	467.52	
340	447.31	469.79	
345	448.90	471.46	
350	449.31	471.89	
355	447.92	470.43	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission