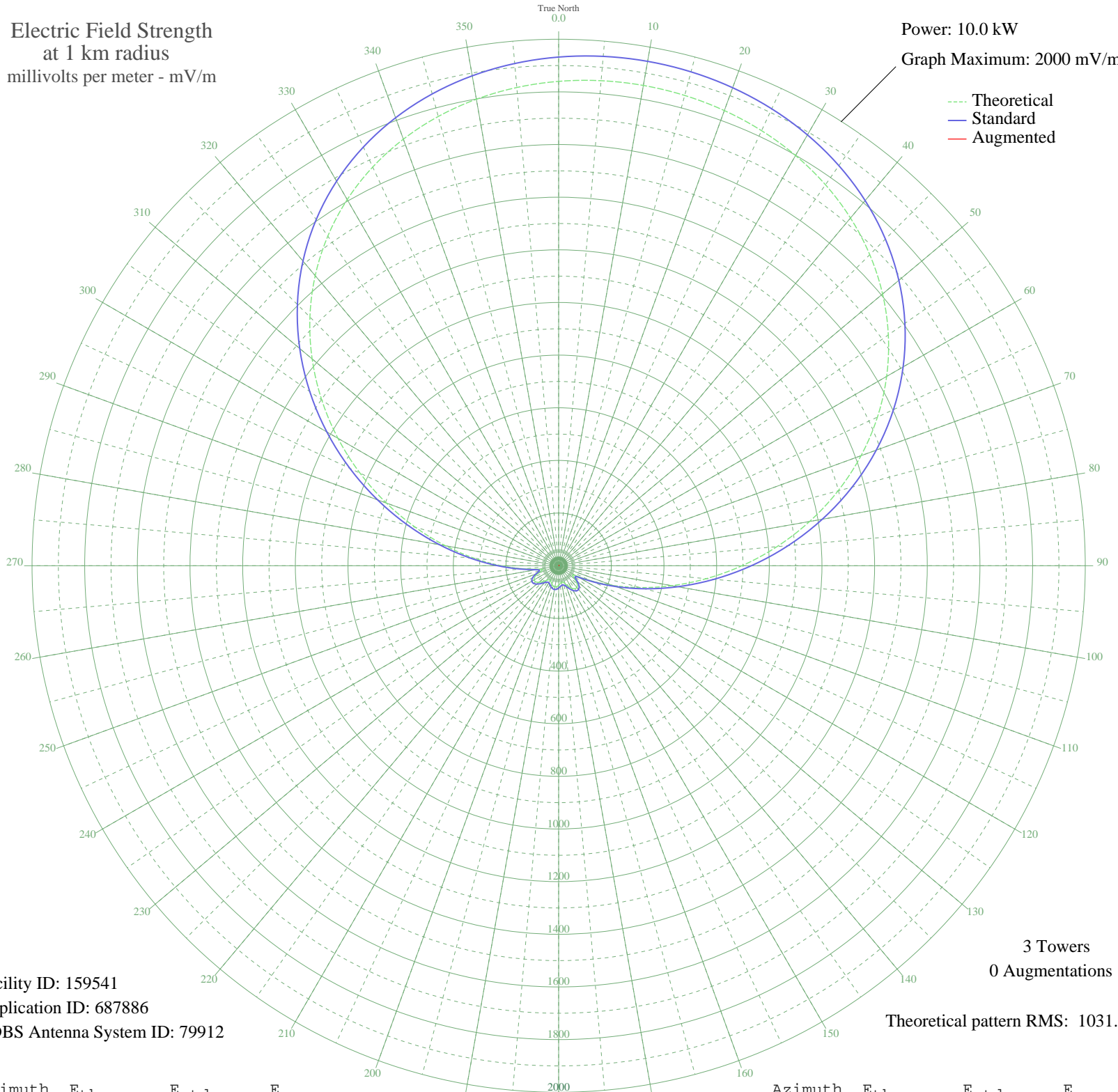


# 970KA KAPUSKASING, ON Canada -- 970 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 159541  
Application ID: 687886  
CDBS Antenna System ID: 79912

3 Towers  
0 Augmentations

Theoretical pattern RMS: 1031.90

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1840.00	1932.29	
5	1849.53	1942.29	
10	1852.65	1945.56	
15	1849.53	1942.29	
20	1840.00	1932.29	
25	1823.58	1915.04	
30	1799.49	1889.76	
35	1766.77	1855.40	
40	1724.31	1810.84	
45	1671.05	1754.91	
50	1606.01	1686.64	
55	1528.55	1605.32	
60	1438.42	1510.71	
65	1335.95	1403.14	
70	1222.12	1283.65	
75	1098.59	1154.00	
80	967.73	1016.66	
85	832.52	874.77	
90	696.39	731.96	
95	563.08	592.17	
100	436.42	459.45	
105	320.14	337.79	
110	217.92	231.21	
115	134.08	144.64	
120	77.23	87.63	
125	64.40	75.34	
130	82.11	92.39	
135	99.42	109.55	
140	107.62	117.78	
145	106.52	116.67	
150	98.23	108.36	
155	85.89	96.11	
160	73.38	83.90	
165	64.97	75.87	
170	63.51	74.49	
175	67.92	78.67	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	74.40	84.88	
185	79.55	89.88	
190	81.46	91.75	
195	79.55	89.88	
200	74.40	84.88	
205	67.92	78.67	
210	63.51	74.49	
215	64.97	75.87	
220	73.38	83.90	
225	85.89	96.11	
230	98.23	108.36	
235	106.52	116.67	
240	107.62	117.78	
245	99.42	109.55	
250	82.11	92.39	
255	64.40	75.34	
260	77.23	87.63	
265	134.08	144.64	
270	217.92	231.21	
275	320.15	337.79	
280	436.42	459.45	
285	563.08	592.17	
290	696.39	731.96	
295	832.52	874.77	
300	967.74	1016.66	
305	1098.59	1154.00	
310	1222.12	1283.66	
315	1335.95	1403.14	
320	1438.42	1510.71	
325	1528.55	1605.32	
330	1606.01	1686.64	
335	1671.05	1754.91	
340	1724.32	1810.84	
345	1766.77	1855.40	
350	1799.49	1889.76	
355	1823.58	1915.04	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission