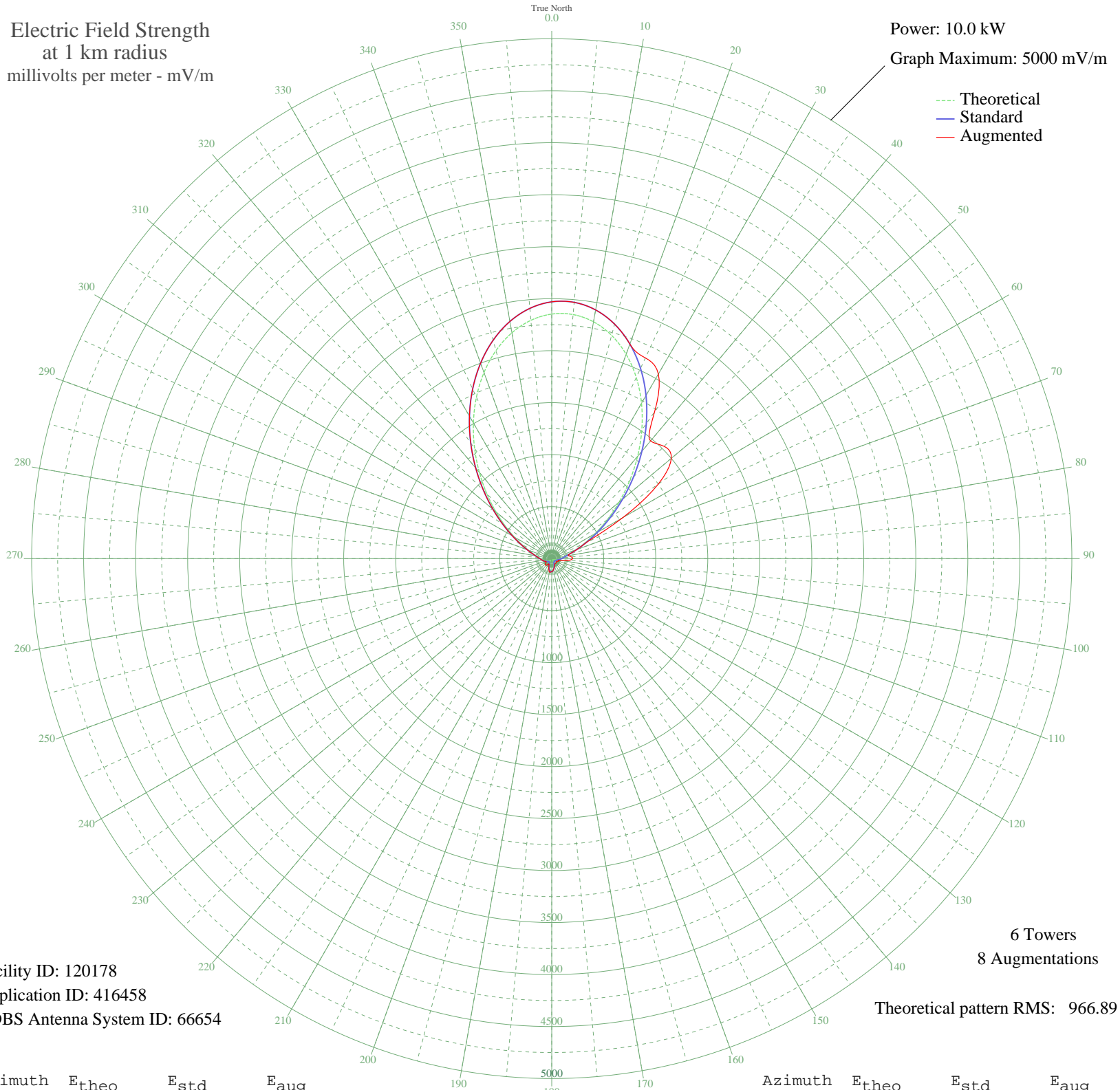


# CKAN NEWMARKET, ON Canada -- 1480 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 120178  
Application ID: 416458  
CDBS Antenna System ID: 66654

6 Towers  
8 Augmentations

Theoretical pattern RMS: 966.89

Azimuth	Etheo	Estd	Eaug
0	2352.06	2469.89	2469.89
5	2356.35	2474.39	2474.39
10	2312.94	2428.81	2428.81
15	2223.35	2334.75	2334.75
20	2091.36	2196.18	2196.18
25	1922.91	2019.33	2129.92
30	1725.80	1812.40	2050.00
35	1509.29	1585.11	1723.78
40	1283.52	1348.10	1477.44
45	1058.80	1112.23	1527.55
50	844.95	887.82	1500.00
55	650.59	683.92	1250.63
60	482.58	507.79	789.49
65	345.64	364.44	364.44
70	242.08	256.34	256.34
75	171.11	182.71	182.71
80	127.61	138.04	163.88
85	101.77	111.90	189.54
90	83.53	93.78	200.00
95	67.34	78.12	171.77
100	52.28	64.15	109.16
105	39.54	53.16	64.96
110	30.28	45.97	71.10
115	24.26	41.85	61.02
120	20.11	39.35	52.02
125	16.89	37.64	56.15
130	14.55	36.55	59.12
135	12.87	35.85	60.00
140	11.44	35.31	58.37
145	12.96	35.88	57.09
150	22.03	40.47	59.18
155	37.56	51.55	64.64
160	56.73	68.19	74.24
165	76.78	87.18	88.53
170	94.83	104.96	104.96
175	108.20	118.36	118.36

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

Azimuth	Etheo	Estd	Eaug
180	114.79	125.02	125.02
185	113.49	123.70	131.13
190	104.39	114.53	130.00
195	88.81	98.99	108.12
200	69.11	79.80	79.80
205	48.37	60.68	60.98
210	30.19	45.90	57.85
215	18.96	38.71	70.54
220	17.62	38.01	82.98
225	21.04	39.88	86.99
230	25.62	42.74	81.25
235	32.32	47.48	69.22
240	41.52	54.80	59.82
245	51.92	63.83	63.83
250	61.97	73.05	73.05
255	71.12	81.72	81.72
260	80.10	90.42	90.42
265	90.61	100.76	100.76
270	104.45	114.59	114.59
275	123.17	133.52	133.52
280	148.78	159.71	159.71
285	185.01	197.08	197.08
290	237.52	251.59	251.59
295	312.34	329.63	329.63
300	413.88	435.84	435.84
305	543.86	572.01	572.01
310	701.23	737.04	737.04
315	882.53	927.26	927.26
320	1082.19	1136.79	1136.79
325	1292.96	1358.02	1358.02
330	1506.40	1582.07	1582.07
335	1713.38	1799.36	1799.36
340	1904.67	2000.17	2000.17
345	2071.40	2175.23	2175.23
350	2205.67	2316.19	2316.19
355	2300.86	2416.13	2416.13