

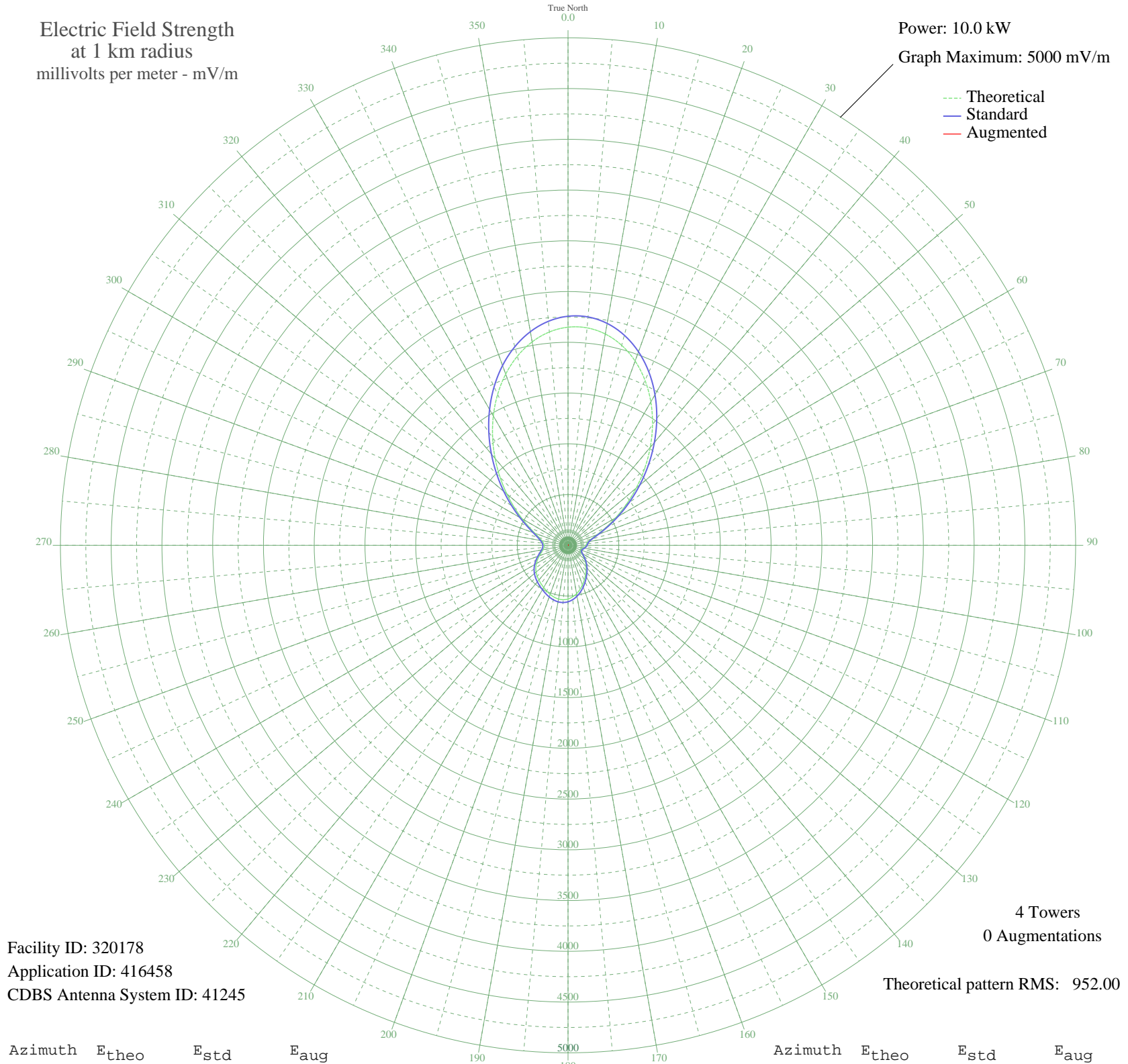
# CKAN NEWMARKET, ON Canada -- 1480 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 320178  
Application ID: 416458  
CDBS Antenna System ID: 41245

4 Towers  
0 Augmentations

Theoretical pattern RMS: 952.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2149.16	2256.86	
5	2150.76	2258.54	
10	2114.13	2220.09	
15	2040.38	2142.66	
20	1932.25	2029.14	
25	1794.05	1884.04	
30	1631.37	1713.26	
35	1450.87	1523.78	
40	1259.89	1323.30	
45	1066.03	1119.83	
50	876.88	921.32	
55	699.63	735.36	
60	540.96	568.98	
65	407.05	428.69	
70	303.54	320.44	
75	234.49	248.44	
80	198.19	210.73	
85	183.52	195.53	
90	176.00	187.76	
95	166.63	178.09	
100	153.36	164.41	
105	139.33	150.02	
110	131.13	141.63	
115	135.29	145.89	
120	152.98	164.03	
125	179.82	191.71	
130	210.78	223.80	
135	242.87	257.16	
140	275.13	290.78	
145	307.94	325.04	
150	342.11	360.75	
155	378.00	398.29	
160	414.91	436.92	
165	451.04	474.76	
170	483.82	509.10	
175	510.53	537.08	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	528.94	556.38	
185	537.86	565.73	
190	537.35	565.19	
195	528.79	556.22	
200	514.56	541.31	
205	497.41	523.34	
210	479.73	504.81	
215	462.80	487.07	
220	446.48	469.98	
225	429.50	452.20	
230	410.16	431.95	
235	387.16	407.88	
240	360.23	379.69	
245	330.37	348.47	
250	299.87	316.61	
255	271.96	287.48	
260	250.08	264.67	
265	236.99	251.05	
270	234.05	247.98	
275	241.64	255.89	
280	260.83	275.88	
285	294.51	311.01	
290	346.89	365.75	
295	421.69	444.02	
300	520.55	547.59	
305	642.82	675.78	
310	785.94	825.90	
315	945.89	993.74	
320	1117.57	1173.92	
325	1295.03	1360.19	
330	1471.70	1545.64	
335	1640.72	1723.08	
340	1795.22	1885.27	
345	1928.67	2025.37	
350	2035.19	2137.21	
355	2109.91	2215.65	

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.

09 Nov 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission