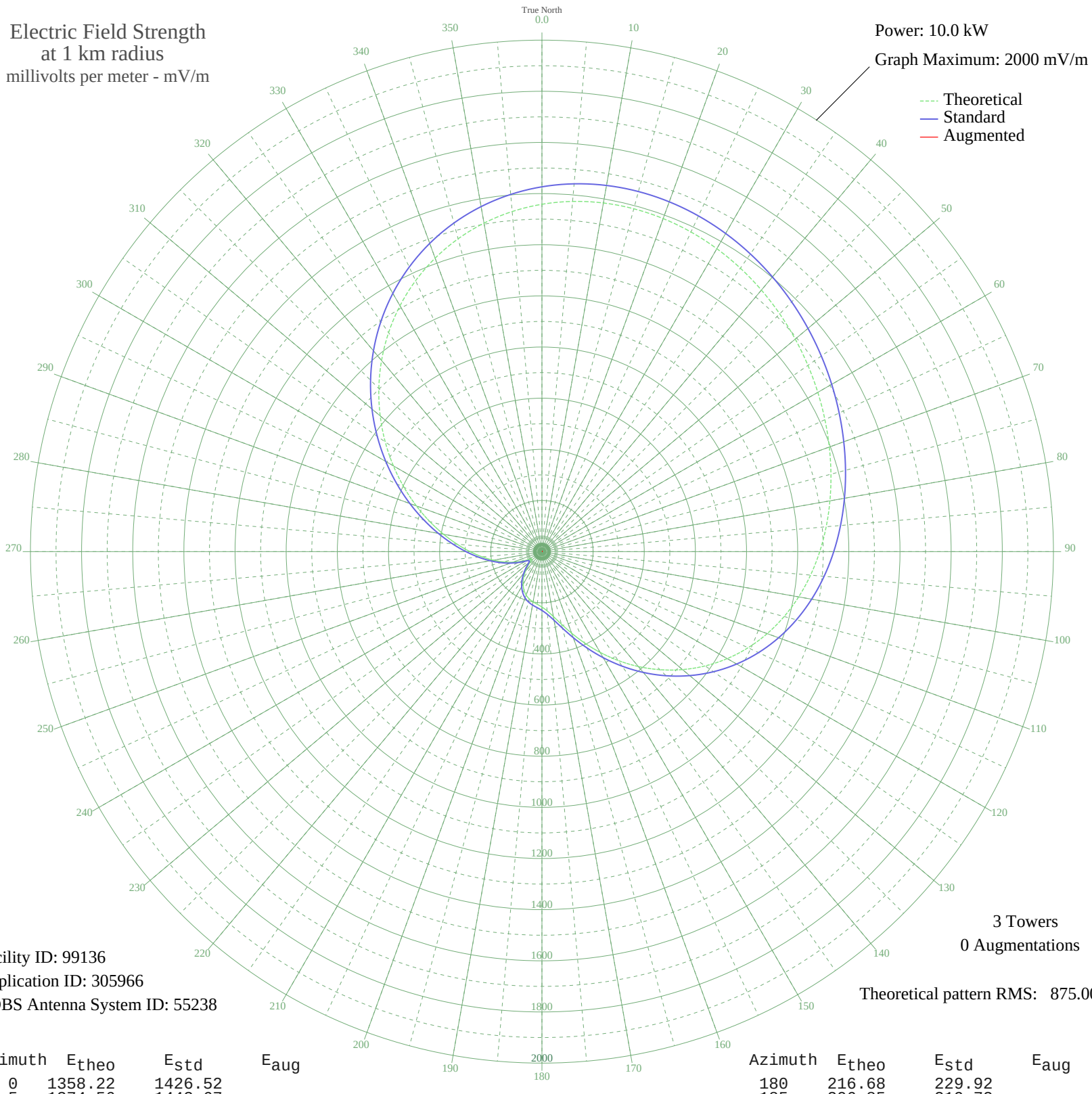
CKRU PETERBOROUGH, ON Canada -- 980 kHz

Daytime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 99136
Application ID: 305966
CDBS Antenna System ID: 55238

Theoretical pattern RMS: 875.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1358.22	1426.52	
5	1374.56	1443.67	
10	1384.29	1453.89	
15	1387.89	1457.66	
20	1385.91	1455.59	
25	1378.98	1448.31	
30	1367.74	1436.51	
35	1352.87	1420.90	
40	1335.02	1402.17	
45	1314.84	1380.98	
50	1292.88	1357.93	
55	1269.66	1333.56	
60	1245.57	1308.27	
65	1220.87	1282.34	
70	1195.67	1255.90	
75	1169.94	1228.88	
80	1143.41	1201.04	
85	1115.70	1171.96	
90	1086.24	1141.04	
95	1054.36	1107.58	
100	1019.35	1070.84	
105	980.54	1030.10	
110	937.35	984.78	
115	889.41	934.47	
120	836.61	879.07	
125	779.15	818.79	
130	717.62	754.23	
135	652.93	686.38	
140	586.41	616.63	
145	519.72	546.71	
150	454.81	478.70	
155	393.91	414.93	
160	339.35	357.86	
165	293.39	309.84	
170	257.68	272.59	
175	232.60	246.47	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	216.68	229.92	
185	206.85	219.72	
190	199.50	212.09	
195	191.49	203.79	
200	180.71	192.63	
205	166.11	177.55	
210	147.47	158.36	
215	125.28	135.67	
220	100.67	110.80	
225	75.75	86.19	
230	55.15	66.75	
235	49.01	61.24	
240	63.42	74.41	
245	89.61	99.78	
250	120.86	131.18	
255	155.32	166.43	
260	193.02	205.38	
265	234.68	248.64	
270	281.12	297.04	
275	333.01	351.23	
280	390.66	411.54	
285	453.97	477.82	
290	522.39	549.52	
295	595.04	625.67	
300	670.72	705.04	
305	748.07	786.18	
310	825.64	867.55	
315	901.95	947.63	
320	975.61	1024.93	
325	1045.36	1098.13	
330	1110.09	1166.06	
335	1168.92	1227.81	
340	1221.17	1282.66	
345	1266.38	1330.12	
350	1304.31	1369.93	
355	1334.89	1402.02	

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau
Federal Communications Commission