CKUA EDMONTON, AB Canada -- 580 kHz

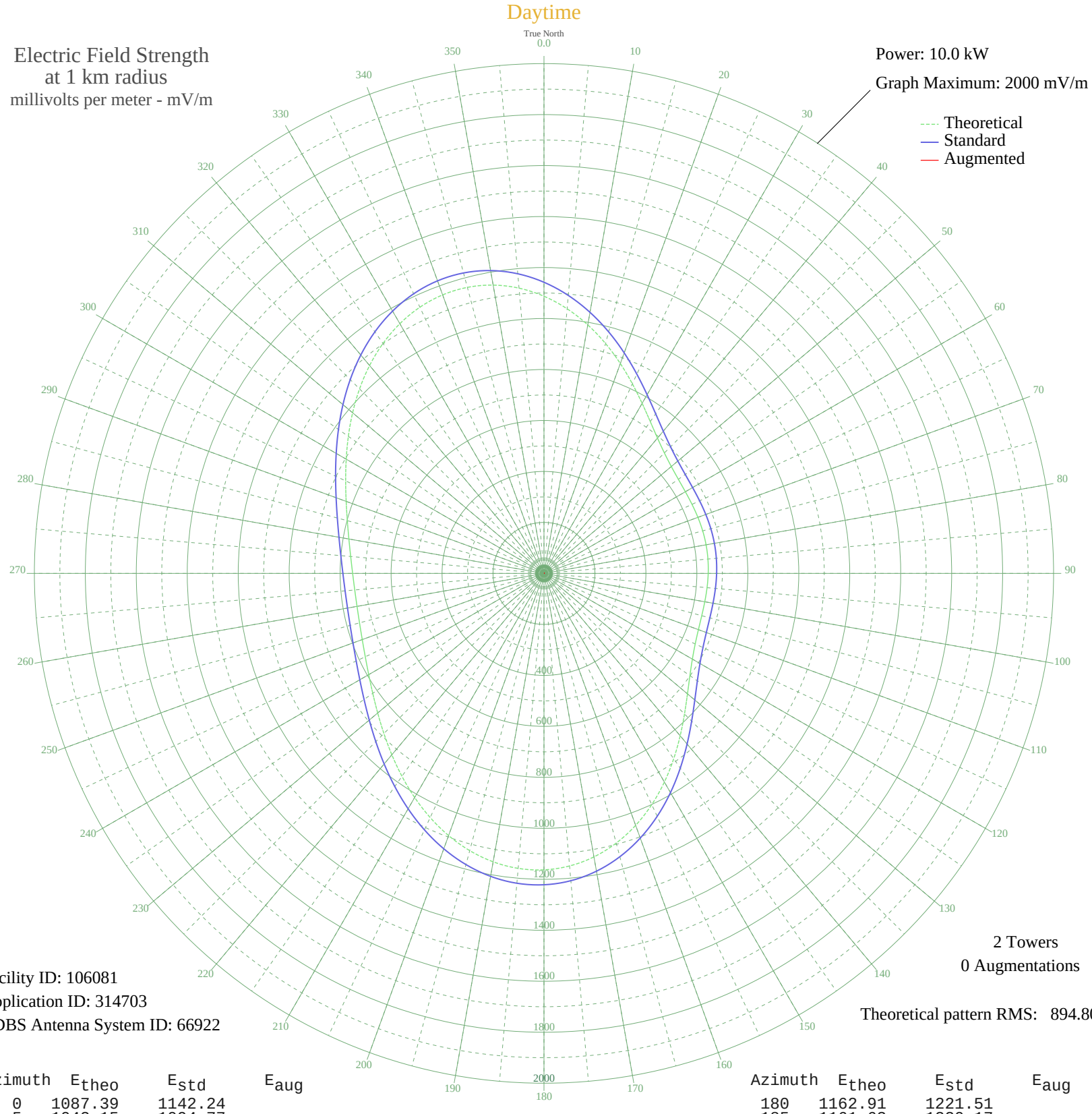
Daytime

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

Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented



2 Towers
0 Augmentations

Facility ID: 106081
Application ID: 314703
CDBS Antenna System ID: 66922

Theoretical pattern RMS: 894.80

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1087.39	1142.24	
5	1042.15	1094.77	
10	989.99	1040.02	
15	933.66	980.90	
20	876.22	920.63	
25	820.82	862.50	
30	770.37	809.57	
35	727.27	764.36	
40	693.08	728.49	
45	668.31	702.51	
50	652.38	685.80	
55	643.84	676.84	
60	640.74	673.60	
65	641.04	673.91	
70	642.89	675.86	
75	644.88	677.93	
80	646.02	679.14	
85	645.89	679.00	
90	644.52	677.56	
95	642.47	675.41	
100	640.80	673.66	
105	641.02	673.89	
110	645.04	678.11	
115	654.91	688.46	
120	672.52	706.93	
125	699.16	734.87	
130	735.21	772.69	
135	779.94	819.61	
140	831.59	873.80	
145	887.65	932.62	
150	945.11	992.92	
155	1000.85	1051.41	
160	1051.84	1104.93	
165	1095.39	1150.64	
170	1129.33	1186.26	
175	1152.11	1210.18	

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.

15 Nov 2005

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	1162.91	1221.51	
185	1161.63	1220.17	
190	1148.89	1206.79	
195	1125.93	1182.69	
200	1094.52	1149.72	
205	1056.79	1110.13	
210	1015.06	1066.33	
215	971.68	1020.81	
220	928.83	975.84	
225	888.41	933.42	
230	851.90	895.11	
235	820.32	861.97	
240	794.24	834.61	
245	773.83	813.20	
250	758.99	797.63	
255	749.46	787.64	
260	745.02	782.97	
265	745.51	783.49	
270	750.96	789.20	
275	761.52	800.29	
280	777.46	817.01	
285	799.00	839.61	
290	826.21	868.15	
295	858.83	902.38	
300	896.22	941.62	
305	937.26	984.69	
310	980.38	1029.94	
315	1023.62	1075.31	
320	1064.73	1118.46	
325	1101.38	1156.92	
330	1131.26	1188.29	
335	1152.30	1210.37	
340	1162.84	1221.43	
345	1161.73	1220.27	
350	1148.50	1206.38	
355	1123.39	1180.03	