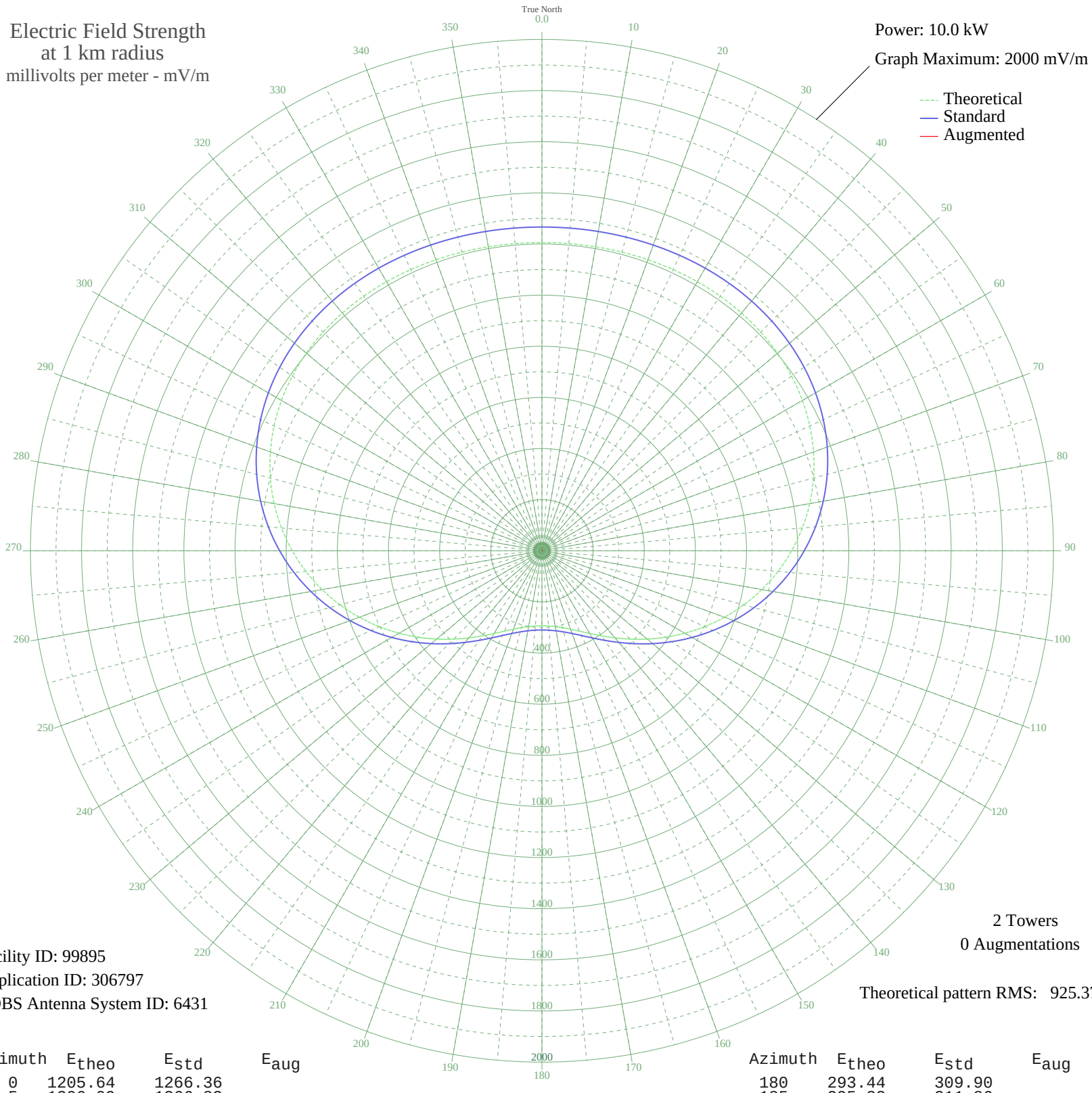
CFGP GRANDE PRAIRIE, AB Canada -- 1050 kHz

Unlimited Time

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: 99895
Application ID: 306797
CDBS Antenna System ID: 6431

Theoretical pattern RMS: 925.37

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1205.64	1266.36	
5	1206.09	1266.83	
10	1207.37	1268.17	
15	1209.29	1270.19	
20	1211.54	1272.55	
25	1213.69	1274.80	
30	1215.22	1276.41	
35	1215.53	1276.74	
40	1213.97	1275.11	
45	1209.88	1270.81	
50	1202.59	1263.15	
55	1191.46	1251.47	
60	1175.95	1235.19	
65	1155.60	1213.84	
70	1130.11	1187.08	
75	1099.31	1154.75	
80	1063.23	1116.89	
85	1022.08	1073.69	
90	976.24	1025.59	
95	926.29	973.17	
100	872.97	917.22	
105	817.15	858.65	
110	759.82	798.50	
115	702.04	737.88	
120	644.91	677.97	
125	589.56	619.93	
130	537.06	564.89	
135	488.42	513.91	
140	444.50	467.91	
145	406.03	427.62	
150	373.45	393.53	
155	346.94	365.80	
160	326.35	344.27	
165	311.27	328.52	
170	301.12	317.92	
175	295.32	311.86	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	293.44	309.90	
185	295.33	311.86	
190	301.12	317.92	
195	311.27	328.52	
200	326.35	344.27	
205	346.94	365.80	
210	373.45	393.53	
215	406.03	427.62	
220	444.50	467.91	
225	488.42	513.91	
230	537.06	564.89	
235	589.56	619.93	
240	644.91	677.97	
245	702.04	737.89	
250	759.82	798.50	
255	817.15	858.65	
260	872.97	917.22	
265	926.29	973.17	
270	976.24	1025.59	
275	1022.08	1073.69	
280	1063.23	1116.89	
285	1099.31	1154.75	
290	1130.11	1187.08	
295	1155.60	1213.84	
300	1175.95	1235.19	
305	1191.46	1251.47	
310	1202.59	1263.15	
315	1209.88	1270.81	
320	1213.97	1275.11	
325	1215.53	1276.74	
330	1215.22	1276.41	
335	1213.69	1274.80	
340	1211.54	1272.55	
345	1209.29	1270.19	
350	1207.37	1268.17	
355	1206.09	1266.83	

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