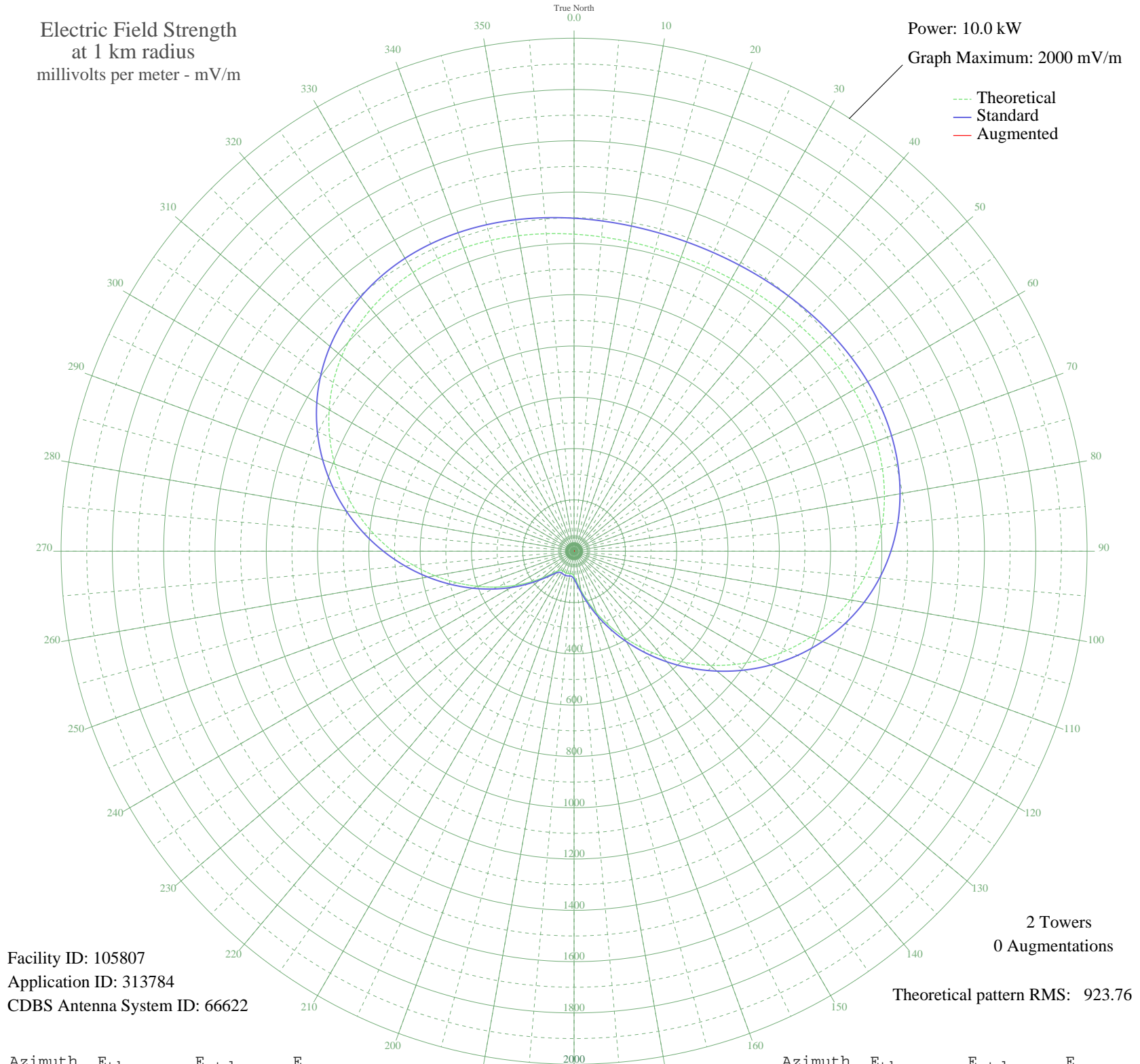


# CJXX GRANDE PRAIRIE, AB Canada -- 1430 kHz

Unlimited Time

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 105807  
Application ID: 313784  
CDBS Antenna System ID: 66622

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 923.76

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1236.03	1298.26	
5	1230.12	1292.05	
10	1225.50	1287.21	
15	1222.64	1284.20	
20	1221.80	1283.32	
25	1223.06	1284.64	
30	1226.30	1288.04	
35	1231.21	1293.20	
40	1237.32	1299.61	
45	1243.97	1306.59	
50	1250.36	1313.29	
55	1255.57	1318.77	
60	1258.62	1321.97	
65	1258.45	1321.79	
70	1254.03	1317.15	
75	1244.38	1307.02	
80	1228.60	1290.46	
85	1205.98	1266.72	
90	1175.99	1235.24	
95	1138.34	1195.72	
100	1093.01	1148.14	
105	1040.23	1092.75	
110	980.55	1030.12	
115	914.75	961.07	
120	843.85	886.67	
125	769.05	808.19	
130	691.70	727.04	
135	613.22	644.74	
140	535.10	562.83	
145	458.79	482.87	
150	385.73	406.37	
155	317.31	334.82	
160	254.92	269.72	
165	200.02	212.63	
170	154.29	165.37	
175	119.69	129.99	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	98.00	108.12	
185	88.76	98.93	
190	87.74	97.93	
195	89.43	99.60	
200	90.22	100.38	
205	89.09	99.26	
210	87.56	97.75	
215	89.77	99.93	
220	101.27	111.40	
225	125.62	136.02	
230	162.61	173.94	
235	210.33	223.33	
240	266.85	282.15	
245	330.56	348.67	
250	400.01	421.32	
255	473.84	498.64	
260	550.63	579.11	
265	628.94	661.22	
270	707.31	743.41	
275	784.26	824.14	
280	858.39	901.92	
285	928.36	975.34	
290	993.01	1043.19	
295	1051.36	1104.43	
300	1102.68	1158.29	
305	1146.49	1204.27	
310	1182.60	1242.17	
315	1211.08	1272.07	
320	1232.28	1294.33	
325	1246.77	1309.53	
330	1255.30	1318.49	
335	1258.79	1322.15	
340	1258.23	1321.56	
345	1254.67	1317.82	
350	1249.14	1312.02	
355	1242.63	1305.18	