

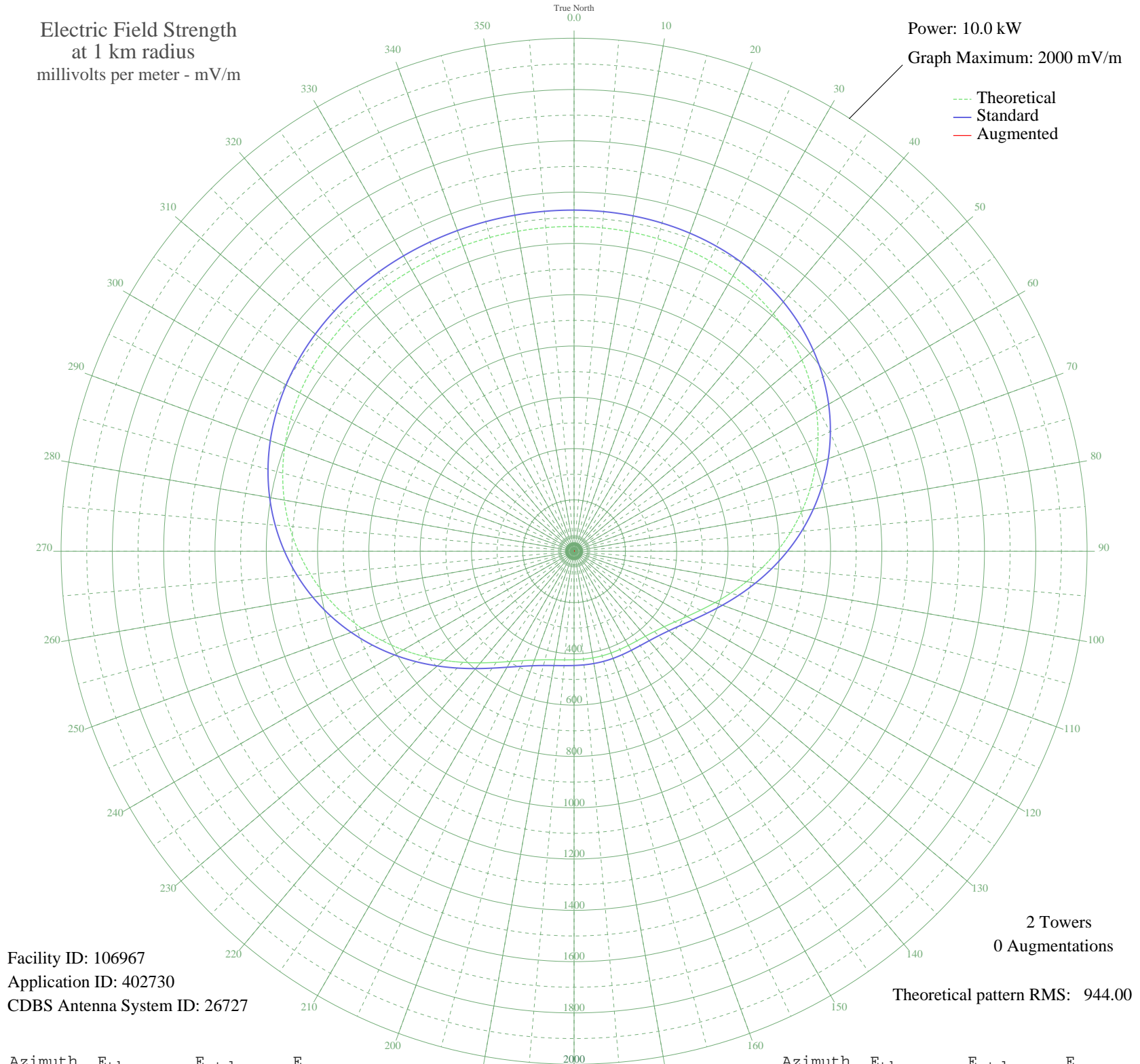
# CJXX GRANDE PRAIRIE, AB Canada -- 840 kHz

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



Facility ID: 106967  
Application ID: 402730  
CDBS Antenna System ID: 26727

2 Towers  
0 Augmentations

Theoretical pattern RMS: 944.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1266.20	1329.93	
5	1265.48	1329.17	
10	1263.91	1327.53	
15	1261.06	1324.53	
20	1256.38	1319.62	
25	1249.32	1312.21	
30	1239.31	1301.70	
35	1225.77	1287.49	
40	1208.20	1269.04	
45	1186.17	1245.92	
50	1159.38	1217.80	
55	1127.65	1184.49	
60	1090.99	1146.02	
65	1049.58	1102.56	
70	1003.83	1054.54	
75	954.29	1002.56	
80	901.76	947.43	
85	847.18	890.16	
90	791.64	831.89	
95	736.37	773.90	
100	682.66	717.56	
105	631.83	664.25	
110	585.16	615.31	
115	543.78	571.94	
120	508.59	535.05	
125	480.10	505.20	
130	458.33	482.39	
135	442.83	466.15	
140	432.69	455.53	
145	426.74	449.30	
150	423.73	446.15	
155	422.52	444.89	
160	422.20	444.55	
165	422.17	444.52	
170	422.18	444.53	
175	422.33	444.69	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	423.09	445.48	
185	425.25	447.74	
190	429.87	452.59	
195	438.19	461.29	
200	451.42	475.15	
205	470.60	495.24	
210	496.38	522.25	
215	528.93	556.36	
220	567.91	597.23	
225	612.59	644.08	
230	661.90	695.79	
235	714.62	751.09	
240	769.43	808.58	
245	825.01	866.90	
250	880.12	924.72	
255	933.59	980.83	
260	984.43	1034.18	
265	1031.77	1083.87	
270	1074.98	1129.21	
275	1113.57	1169.72	
280	1147.28	1205.10	
285	1176.04	1235.29	
290	1199.94	1260.38	
295	1219.25	1280.64	
300	1234.34	1296.49	
305	1245.70	1308.41	
310	1253.88	1316.99	
315	1259.44	1322.82	
320	1262.95	1326.52	
325	1264.98	1328.64	
330	1265.99	1329.70	
335	1266.39	1330.13	
340	1266.50	1330.24	
345	1266.51	1330.25	
350	1266.51	1330.25	
355	1266.46	1330.19	

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