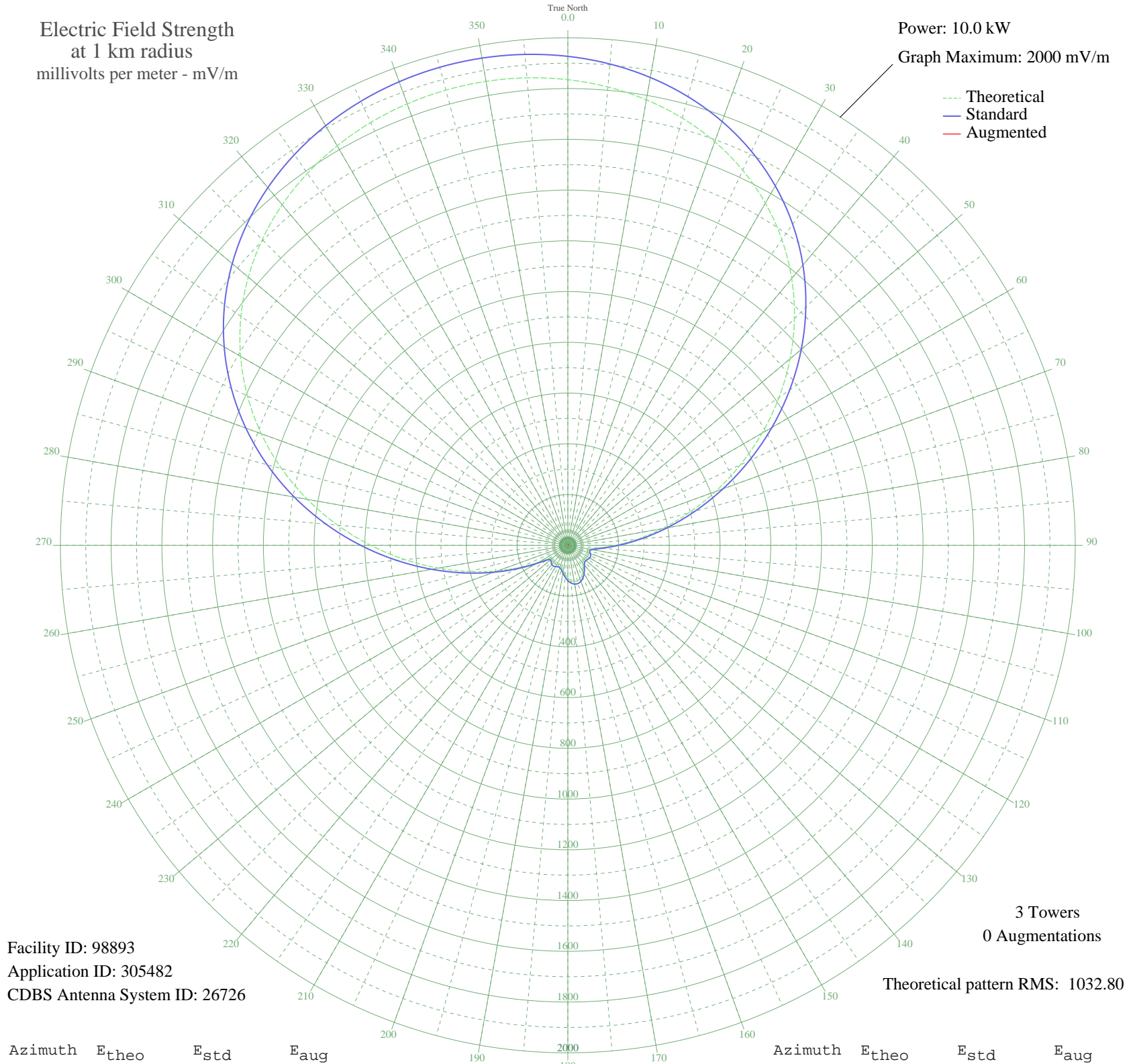


# CJXX GRANDE PRAIRIE, AB Canada -- 840 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 98893  
Application ID: 305482  
CDBS Antenna System ID: 26726

3 Towers  
0 Augmentations

Theoretical pattern RMS: 1032.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1834.97	1927.01	
5	1813.08	1904.02	
10	1782.72	1872.15	
15	1742.91	1830.36	
20	1692.63	1777.57	
25	1630.94	1712.81	
30	1557.17	1635.37	
35	1471.02	1544.92	
40	1372.68	1441.69	
45	1262.98	1326.54	
50	1143.42	1201.05	
55	1016.18	1067.50	
60	884.06	928.86	
65	750.38	788.60	
70	618.79	650.58	
75	493.09	518.81	
80	377.03	397.27	
85	274.21	289.83	
90	188.29	200.47	
95	123.74	134.10	
100	86.76	96.96	
105	78.55	88.91	
110	84.19	94.43	
115	89.23	99.40	
120	89.39	99.56	
125	85.96	96.17	
130	82.70	92.97	
135	83.83	94.07	
140	91.35	101.50	
145	103.78	113.91	
150	117.90	128.17	
155	130.74	141.23	
160	140.18	150.88	
165	144.92	155.75	
170	144.38	155.20	
175	138.63	149.30	

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.

06 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	128.38	138.83	
185	115.09	125.32	
190	101.05	111.17	
195	89.36	99.53	
200	83.10	93.36	
205	83.12	93.38	
210	86.77	96.97	
215	89.73	99.90	
220	88.58	98.76	
225	82.82	93.08	
230	78.45	88.81	
235	91.67	101.82	
240	134.66	145.24	
245	203.93	216.69	
250	293.54	310.00	
255	399.29	420.57	
260	517.58	544.47	
265	644.76	677.81	
270	777.07	816.60	
275	910.72	956.83	
280	1042.11	1094.72	
285	1168.02	1226.87	
290	1285.76	1350.46	
295	1393.29	1463.33	
300	1489.24	1564.05	
305	1572.91	1651.89	
310	1644.23	1726.76	
315	1703.57	1789.05	
320	1751.68	1839.56	
325	1789.52	1879.29	
330	1818.10	1909.30	
335	1838.41	1930.62	
340	1851.25	1944.10	
345	1857.21	1950.35	
350	1856.55	1949.66	
355	1849.25	1942.00	