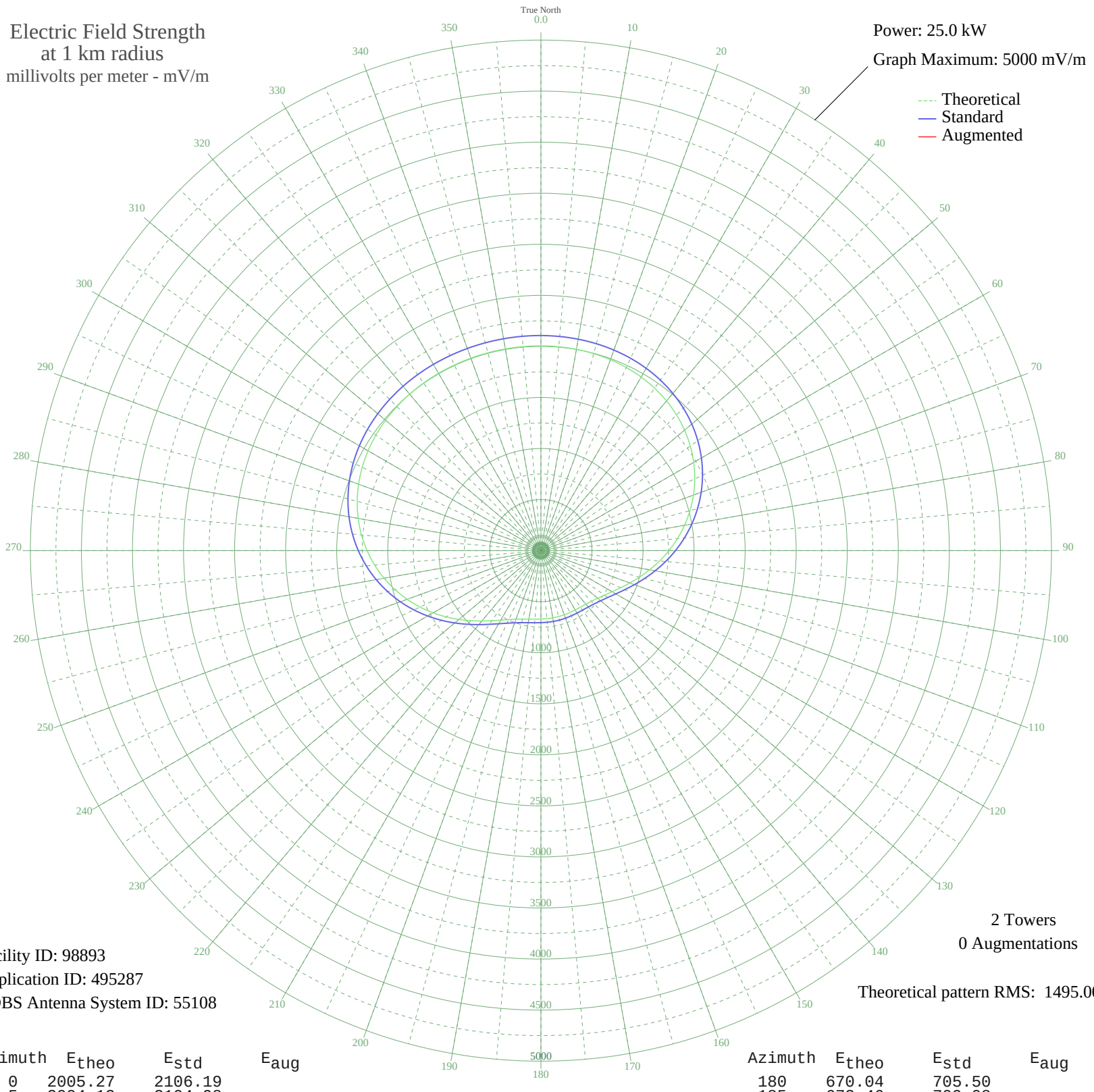
CJXX GRANDE PRAIRIE, AB Canada -- 840 kHz

Daytime

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



Power: 25.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 98893
Application ID: 495287
CDBS Antenna System ID: 55108

Theoretical pattern RMS: 1495.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2005.27	2106.19	
5	2004.12	2104.98	
10	2001.65	2102.38	
15	1997.12	2097.63	
20	1989.71	2089.86	
25	1978.54	2078.13	
30	1962.67	2061.47	
35	1941.23	2038.97	
40	1913.41	2009.77	
45	1878.53	1973.15	
50	1836.09	1928.61	
55	1785.84	1875.87	
60	1727.78	1814.93	
65	1662.21	1746.11	
70	1589.75	1670.06	
75	1511.30	1587.74	
80	1428.11	1500.43	
85	1341.67	1409.73	
90	1253.71	1317.45	
95	1166.18	1225.61	
100	1081.11	1136.38	
105	1000.61	1051.96	
110	926.70	974.45	
115	861.18	905.76	
120	805.45	847.35	
125	760.32	800.07	
130	725.85	763.95	
135	701.30	738.23	
140	685.24	721.41	
145	675.82	711.55	
150	671.05	706.56	
155	669.14	704.56	
160	668.63	704.03	
165	668.58	703.97	
170	668.59	703.98	
175	668.83	704.24	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	670.04	705.50	
185	673.46	709.08	
190	680.78	716.75	
195	693.95	730.54	
200	714.91	752.49	
205	745.28	784.30	
210	786.11	827.08	
215	837.65	881.10	
220	899.40	945.83	
225	970.15	1020.01	
230	1048.25	1101.91	
235	1131.74	1189.48	
240	1218.53	1280.54	
245	1306.56	1372.89	
250	1393.83	1464.46	
255	1478.52	1553.33	
260	1559.02	1637.82	
265	1634.01	1716.51	
270	1702.43	1788.32	
275	1763.54	1852.46	
280	1816.93	1908.50	
285	1862.48	1956.31	
290	1900.33	1996.04	
295	1930.91	2028.14	
300	1954.81	2053.23	
305	1972.80	2072.11	
310	1985.75	2085.69	
315	1994.55	2094.94	
320	2000.12	2100.79	
325	2003.33	2104.15	
330	2004.93	2105.83	
335	2005.57	2106.50	
340	2005.74	2106.68	
345	2005.75	2106.69	
350	2005.75	2106.69	
355	2005.67	2106.61	

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.

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Prepared by Audio Division, Media Bureau
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