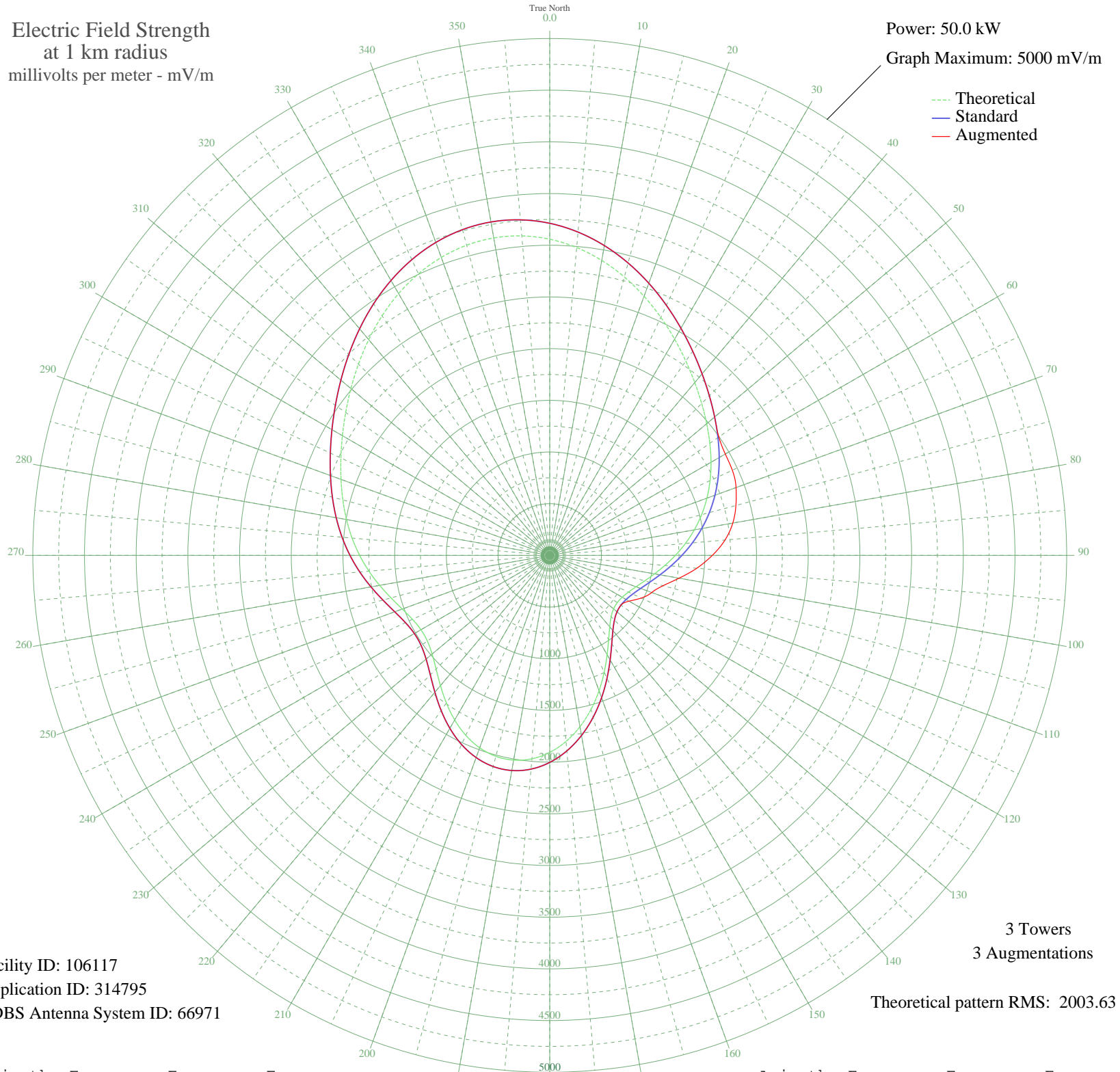


# CHED EDMONTON, AB Canada -- 630 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 106117  
Application ID: 314795  
CDBS Antenna System ID: 66971

3 Towers  
3 Augmentations  
Theoretical pattern RMS: 2003.63

Azimuth	Etheo	Estd	Eaug
0	3058.65	3212.45	3212.45
5	2989.09	3139.42	3139.42
10	2897.20	3042.96	3042.96
15	2787.95	2928.29	2928.29
20	2667.21	2801.56	2801.56
25	2541.15	2669.25	2669.25
30	2415.52	2537.38	2537.38
35	2294.89	2410.78	2410.78
40	2182.12	2292.43	2292.43
45	2078.06	2183.23	2183.23
50	1981.63	2082.04	2082.04
55	1890.37	1986.28	1996.56
60	1801.17	1892.69	1960.79
65	1711.07	1798.15	1948.82
70	1617.88	1700.39	1917.64
75	1520.65	1598.41	1864.41
80	1419.80	1492.64	1797.90
85	1317.09	1384.94	1701.61
90	1215.36	1278.29	1573.01
95	1118.13	1176.39	1428.22
100	1029.12	1083.12	1270.51
105	951.63	1001.97	1134.43
110	888.18	935.55	1050.00
115	840.40	885.53	977.04
120	809.46	853.17	885.84
125	797.06	840.20	840.20
130	806.02	849.57	849.57
135	840.06	885.19	885.19
140	902.33	950.35	950.35
145	993.40	1045.71	1045.71
150	1110.27	1168.14	1168.14
155	1246.60	1311.04	1311.04
160	1393.91	1465.49	1465.49
165	1542.67	1621.51	1621.51
170	1683.32	1769.04	1769.04
175	1807.03	1898.83	1898.83

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	1906.31	2003.01	2003.01
185	1975.55	2075.66	2075.66
190	2011.32	2113.19	2113.19
195	2012.66	2114.60	2114.60
200	1981.17	2081.56	2081.56
205	1920.98	2018.40	2018.40
210	1838.65	1932.01	1932.01
215	1742.94	1831.59	1831.59
220	1644.40	1728.21	1728.21
225	1554.68	1634.10	1634.10
230	1485.17	1561.20	1561.20
235	1444.97	1519.03	1519.03
240	1438.62	1512.38	1512.38
245	1464.97	1540.01	1540.01
250	1518.03	1595.66	1595.66
255	1589.38	1670.50	1670.50
260	1670.69	1755.79	1755.79
265	1755.25	1844.51	1844.51
270	1838.69	1932.05	1932.05
275	1918.97	2016.28	2016.28
280	1996.11	2097.23	2097.23
285	2071.73	2176.59	2176.59
290	2148.39	2257.03	2257.03
295	2228.88	2341.51	2341.51
300	2315.55	2432.46	2432.46
305	2409.58	2531.15	2531.15
310	2510.62	2637.20	2637.20
315	2616.64	2748.48	2748.48
320	2724.08	2861.25	2861.25
325	2828.23	2970.57	2970.57
330	2923.73	3070.82	3070.82
335	3005.11	3156.24	3156.24
340	3067.27	3221.49	3221.49
345	3105.96	3262.10	3262.10
350	3118.15	3274.90	3274.90
355	3102.32	3258.28	3258.28