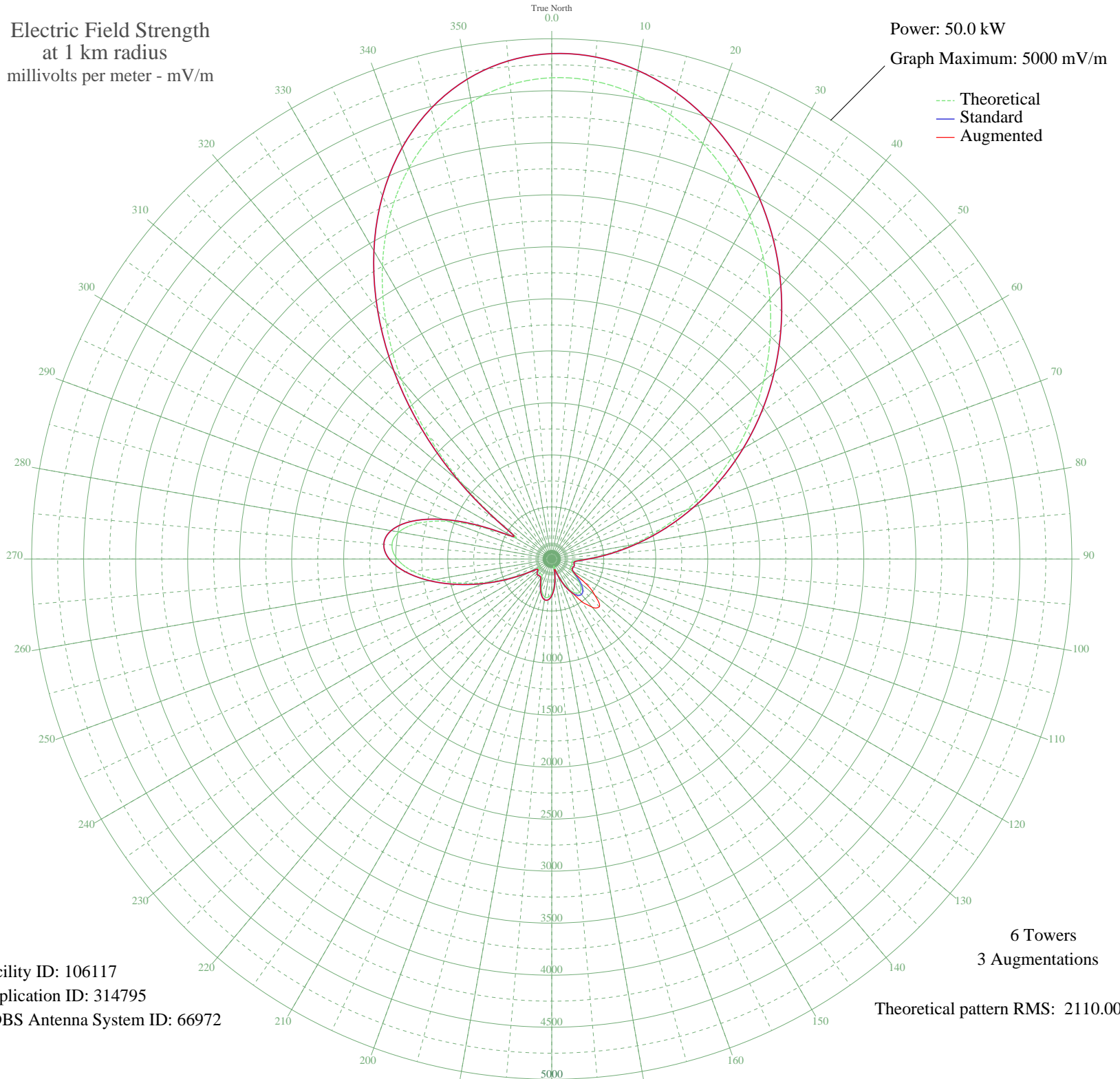


# CHED EDMONTON, AB Canada -- 630 kHz

Nighttime

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: 66972

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	4625.38	4857.21	4857.21
5	4611.71	4842.87	4842.87
10	4540.44	4768.04	4768.04
15	4417.64	4639.12	4639.12
20	4249.85	4462.96	4462.96
25	4043.86	4246.70	4246.70
30	3806.46	3997.48	3997.48
35	3544.08	3722.02	3722.02
40	3262.38	3426.30	3426.30
45	2966.05	3115.24	3115.24
50	2658.70	2792.62	2792.62
55	2343.16	2461.44	2461.44
60	2022.10	2124.50	2124.50
65	1698.90	1785.39	1785.39
70	1378.62	1449.45	1449.45
75	1068.86	1124.75	1124.75
80	780.32	822.69	822.69
85	527.35	558.67	558.67
90	329.71	354.07	354.07
95	215.68	238.32	238.32
100	193.16	215.98	215.98
105	202.47	225.19	225.19
110	200.06	222.80	222.80
115	193.72	216.53	216.53
120	214.88	237.53	237.53
125	272.44	295.54	364.17
130	341.65	366.34	539.54
135	395.78	422.15	647.50
140	417.42	444.54	603.94
145	398.33	424.79	495.98
150	338.40	362.99	362.99
155	244.81	267.55	267.55
160	133.24	158.38	158.38
165	68.18	103.14	103.14
170	154.47	178.38	178.38
175	254.29	277.13	277.13

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.

20 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	328.84	353.17	353.17
185	368.87	394.36	394.36
190	372.37	397.97	397.97
195	343.23	367.96	367.96
200	291.24	314.68	314.68
205	232.55	255.22	255.22
210	189.12	212.00	212.00
215	176.44	199.59	199.59
220	181.48	204.51	204.51
225	177.04	200.17	200.17
230	152.79	176.78	176.78
235	146.99	171.27	171.27
240	240.53	263.25	263.25
245	420.53	447.76	447.76
250	648.09	684.53	684.53
255	895.89	943.61	943.61
260	1137.02	1196.18	1196.18
265	1343.13	1412.24	1412.24
270	1486.29	1562.37	1562.37
275	1541.94	1620.74	1620.74
280	1492.15	1568.52	1568.52
285	1328.66	1397.07	1397.07
290	1056.38	1111.68	1111.68
295	703.87	742.78	742.78
300	406.38	433.11	433.11
305	602.40	636.86	636.86
310	1114.38	1172.45	1172.45
315	1683.89	1769.65	1769.65
320	2248.56	2362.16	2362.16
325	2778.74	2918.62	2918.62
330	3255.41	3418.99	3418.99
335	3666.48	3850.52	3850.52
340	4005.22	4206.14	4206.14
345	4269.05	4483.12	4483.12
350	4458.43	4681.94	4681.94
355	4575.90	4805.27	4805.27