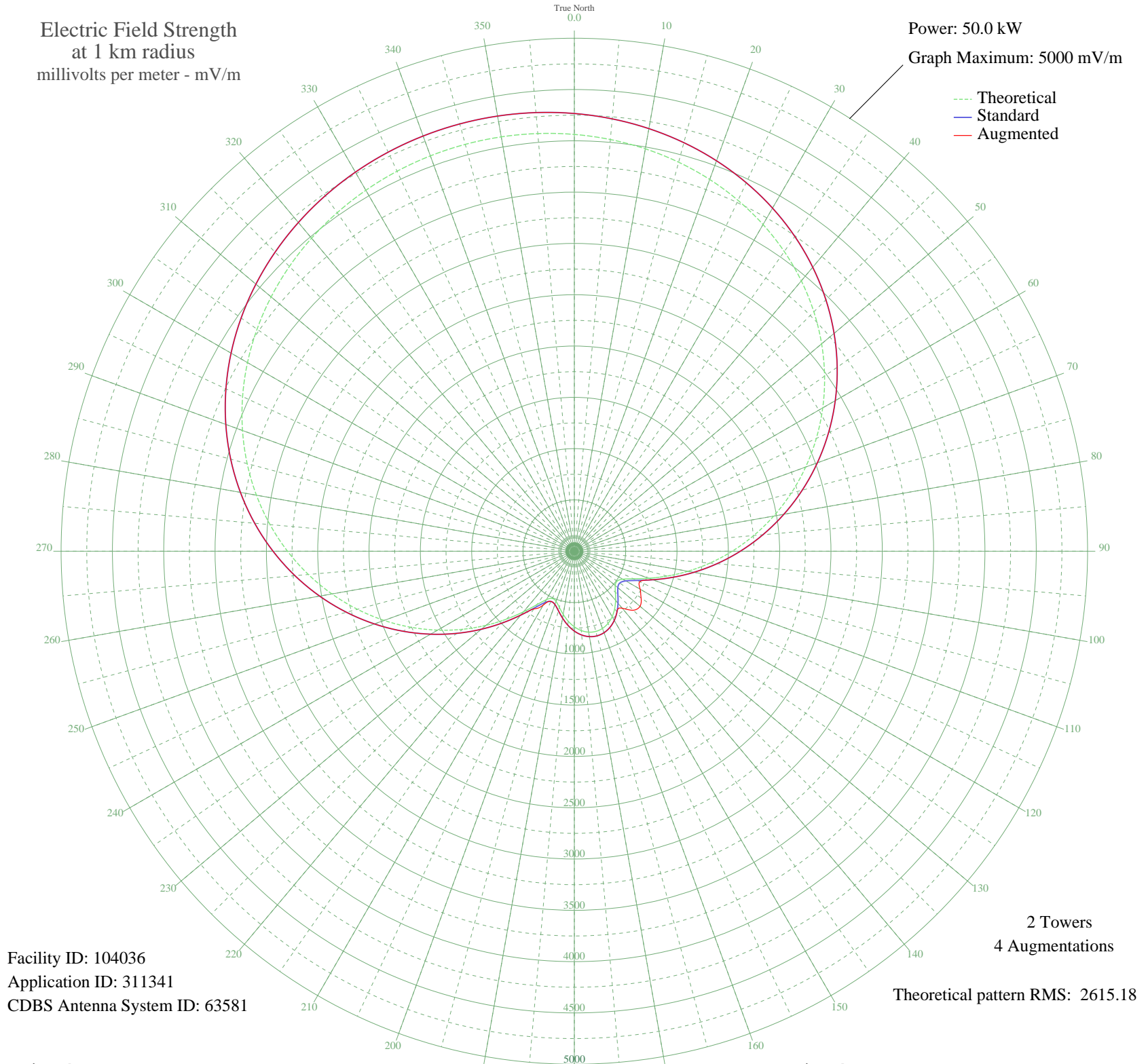


CFRN EDMONTON, AB Canada -- 1260 kHz

Nighttime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 104036
Application ID: 311341
CDBS Antenna System ID: 63581

2 Towers
4 Augmentations
Theoretical pattern RMS: 2615.18

Azimuth	E _{theo}	E _{std}	E _{aug}
0	4062.37	4266.33	4266.33
5	4027.91	4230.16	4230.16
10	3982.51	4182.51	4182.51
15	3925.46	4122.61	4122.61
20	3855.97	4049.67	4049.67
25	3773.31	3962.89	3962.89
30	3676.78	3861.56	3861.56
35	3565.86	3745.13	3745.13
40	3440.23	3613.24	3613.24
45	3299.81	3465.85	3465.85
50	3144.88	3303.22	3303.22
55	2976.04	3126.00	3126.00
60	2794.30	2935.25	2935.25
65	2601.05	2732.43	2732.43
70	2398.08	2519.42	2519.42
75	2187.56	2298.52	2298.52
80	1972.03	2072.38	2072.38
85	1754.38	1844.06	1844.06
90	1537.88	1617.02	1617.02
95	1326.27	1395.18	1395.18
100	1123.89	1183.16	1183.16
105	936.16	986.65	986.65
110	770.21	813.19	813.19
115	635.84	673.04	702.71
120	545.27	578.84	740.41
125	507.89	540.04	793.98
130	520.30	552.92	835.22
135	565.63	599.99	813.64
140	624.94	661.69	725.16
145	684.66	723.92	723.92
150	736.65	778.15	778.15
155	776.24	819.49	819.49
160	800.86	845.21	845.21
165	809.20	853.92	853.92
170	800.86	845.21	845.21
175	776.24	819.49	819.49

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	736.65	778.15	778.15
185	684.66	723.92	723.92
190	624.94	661.69	661.69
195	565.63	599.99	599.99
200	520.30	552.92	552.92
205	507.89	540.04	540.04
210	545.27	578.84	606.52
215	635.84	673.04	685.79
220	770.21	813.19	813.19
225	936.16	986.65	986.65
230	1123.89	1183.16	1183.16
235	1326.27	1395.18	1395.18
240	1537.88	1617.02	1617.02
245	1754.38	1844.06	1844.06
250	1972.03	2072.38	2072.38
255	2187.56	2298.52	2298.52
260	2398.08	2519.42	2519.42
265	2601.05	2732.43	2732.43
270	2794.30	2935.25	2935.25
275	2976.04	3126.00	3126.00
280	3144.88	3303.22	3303.22
285	3299.81	3465.85	3465.85
290	3440.23	3613.24	3613.24
295	3565.86	3745.13	3745.13
300	3676.78	3861.56	3861.56
305	3773.31	3962.89	3962.89
310	3855.97	4049.67	4049.67
315	3925.46	4122.61	4122.61
320	3982.51	4182.51	4182.51
325	4027.91	4230.16	4230.16
330	4062.37	4266.33	4266.33
335	4086.50	4291.67	4291.67
340	4100.78	4306.66	4306.66
345	4105.50	4311.62	4311.62
350	4100.78	4306.66	4306.66
355	4086.50	4291.67	4291.67