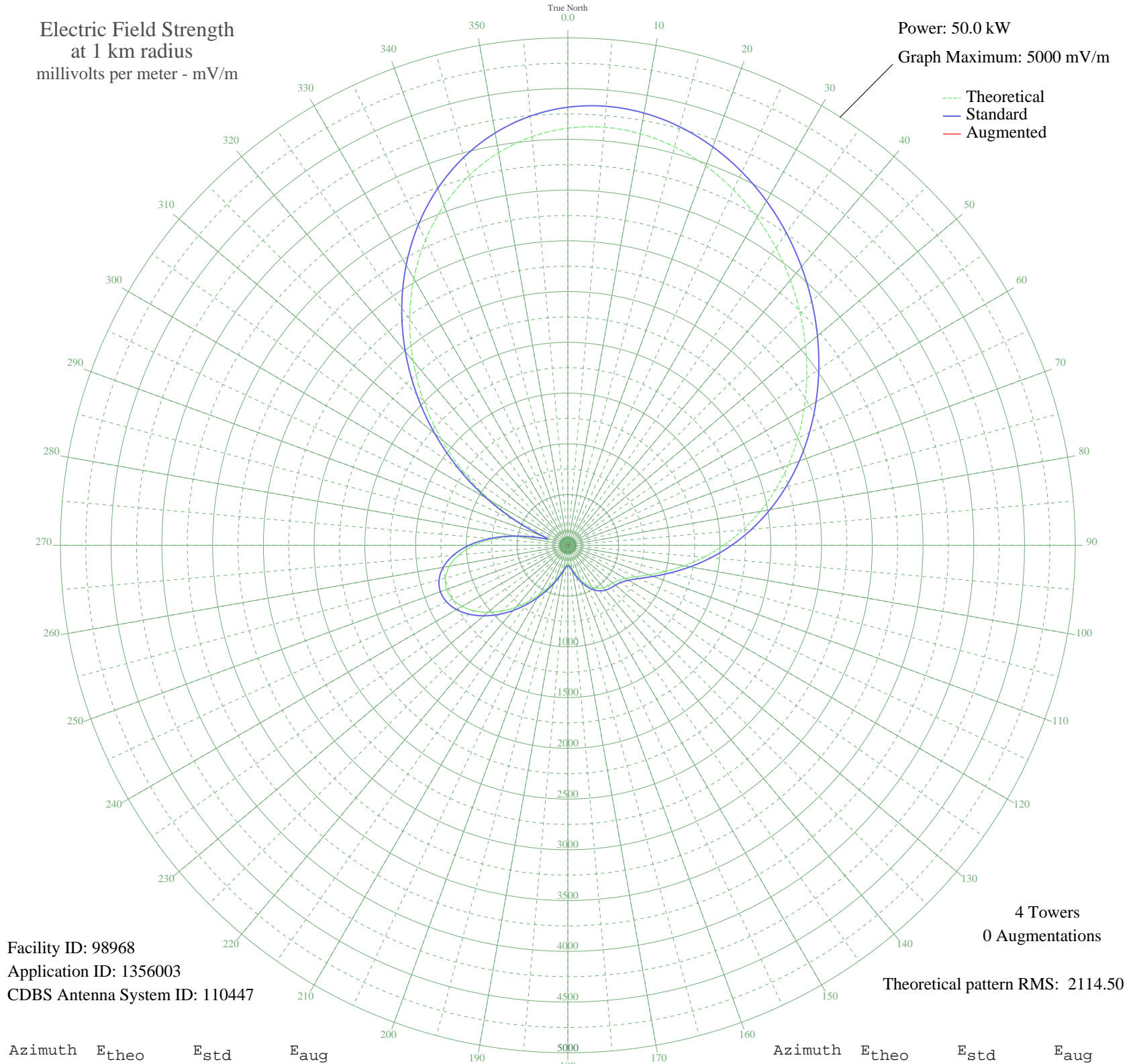


CJCA EDMONTON, AB Canada -- 930 kHz

Nighttime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 98968
Application ID: 1356003
CDBS Antenna System ID: 110447

4 Towers
0 Augmentations

Theoretical pattern RMS: 2114.50

Azimuth	E _{theo}	E _{std}	E _{aug}
0	4110.06	4316.20	
5	4134.44	4341.80	
10	4117.87	4324.40	
15	4064.19	4268.05	
20	3978.04	4177.60	
25	3864.51	4058.42	
30	3728.85	3915.99	
35	3576.10	3755.63	
40	3410.83	3582.14	
45	3236.89	3399.54	
50	3057.24	3210.96	
55	2873.92	3018.53	
60	2688.09	2823.47	
65	2500.23	2626.29	
70	2310.35	2427.01	
75	2118.38	2225.54	
80	1924.47	2022.06	
85	1729.45	1817.44	
90	1535.12	1613.59	
95	1344.61	1413.79	
100	1162.53	1222.91	
105	995.11	1047.50	
110	849.78	895.35	
115	734.01	774.28	
120	652.52	689.16	
125	603.65	638.17	
130	578.10	611.53	
135	562.50	595.27	
140	544.73	576.76	
145	516.91	547.81	
150	475.80	505.08	
155	422.03	449.31	
160	359.24	384.44	
165	293.48	316.97	
170	233.25	255.92	
175	190.10	212.96	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	176.47	199.61	
185	195.41	218.20	
190	238.28	260.98	
195	297.69	321.27	
200	371.69	397.27	
205	460.27	488.95	
210	562.53	595.30	
215	675.63	713.29	
220	794.87	837.91	
225	914.22	962.80	
230	1026.83	1080.72	
235	1125.55	1184.16	
240	1203.35	1265.70	
245	1253.61	1318.39	
250	1270.44	1336.02	
255	1248.90	1313.45	
260	1185.30	1246.78	
265	1077.39	1133.69	
270	924.65	973.71	
275	728.92	768.95	
280	496.62	526.71	
285	256.27	279.14	
290	233.24	255.91	
295	521.82	552.92	
300	874.62	921.35	
305	1248.14	1312.64	
310	1628.54	1711.58	
315	2005.79	2107.39	
320	2371.03	2490.69	
325	2716.22	2852.99	
330	3034.19	3186.76	
335	3318.77	3485.50	
340	3564.95	3743.94	
345	3768.94	3958.08	
350	3928.27	4125.35	
355	4041.88	4244.62	

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