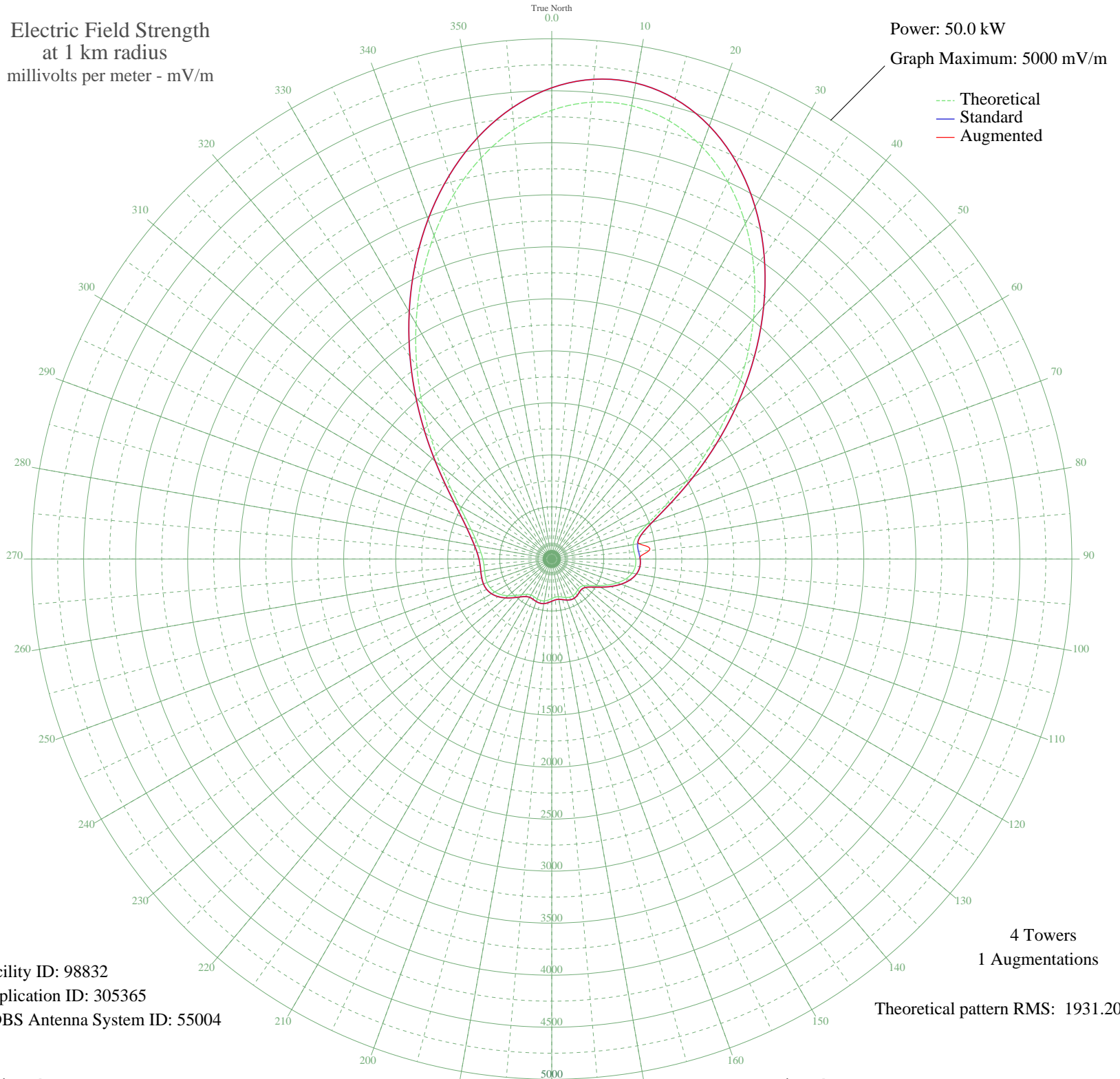


# CBX EDMONTON, AB Canada -- 740 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 98832  
Application ID: 305365  
CDBS Antenna System ID: 55004

4 Towers  
1 Augmentations  
Theoretical pattern RMS: 1931.20

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	4312.43	4528.66	4528.66
5	4407.03	4627.97	4627.97
10	4423.50	4645.27	4645.27
15	4359.85	4578.45	4578.45
20	4217.74	4429.25	4429.25
25	4002.42	4203.20	4203.20
30	3722.54	3909.37	3909.37
35	3389.76	3560.03	3560.03
40	3018.27	3170.05	3170.05
45	2624.22	2756.43	2756.43
50	2225.27	2337.71	2337.71
55	1840.24	1933.68	1933.68
60	1489.16	1565.38	1565.38
65	1193.32	1255.18	1255.18
70	973.86	1025.24	1025.24
75	844.02	889.33	889.33
80	795.04	838.09	849.65
85	794.55	837.57	941.46
90	806.51	850.09	850.09
95	806.91	850.50	850.50
100	784.72	827.30	827.30
105	738.08	778.53	778.53
110	670.98	708.43	708.43
115	591.52	625.52	625.52
120	510.96	541.63	541.63
125	442.61	470.64	470.64
130	398.59	425.06	425.06
135	383.17	409.12	409.12
140	388.55	414.68	414.68
145	400.64	427.18	427.18
150	407.93	434.71	434.71
155	405.20	431.89	431.89
160	393.44	419.74	419.74
165	378.51	404.31	404.31
170	368.41	393.89	393.89
175	369.07	394.57	394.57

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	380.30	406.16	406.16
185	396.05	422.43	422.43
190	408.58	435.38	435.38
195	412.71	439.66	439.66
200	408.21	435.00	435.00
205	400.43	426.96	426.96
210	399.11	425.59	425.59
215	413.92	440.92	440.92
220	448.16	476.39	476.39
225	496.53	526.61	526.61
230	549.15	581.36	581.36
235	596.55	630.77	630.77
240	632.29	668.04	668.04
245	653.65	690.33	690.33
250	661.60	698.64	698.64
255	660.25	697.22	697.22
260	655.74	692.52	692.52
265	654.79	691.52	691.52
270	662.78	699.87	699.87
275	682.69	720.66	720.66
280	715.37	754.80	754.80
285	761.59	803.11	803.11
290	824.32	868.71	868.71
295	909.98	958.36	958.36
300	1027.60	1081.53	1081.53
305	1186.01	1247.53	1247.53
310	1390.71	1462.13	1462.13
315	1642.06	1725.77	1725.77
320	1935.31	2033.43	2033.43
325	2261.53	2375.77	2375.77
330	2608.73	2740.18	2740.18
335	2962.88	3111.91	3111.91
340	3308.76	3474.99	3474.99
345	3630.86	3813.13	3813.13
350	3914.23	4110.61	4110.61
355	4145.25	4353.14	4353.14

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