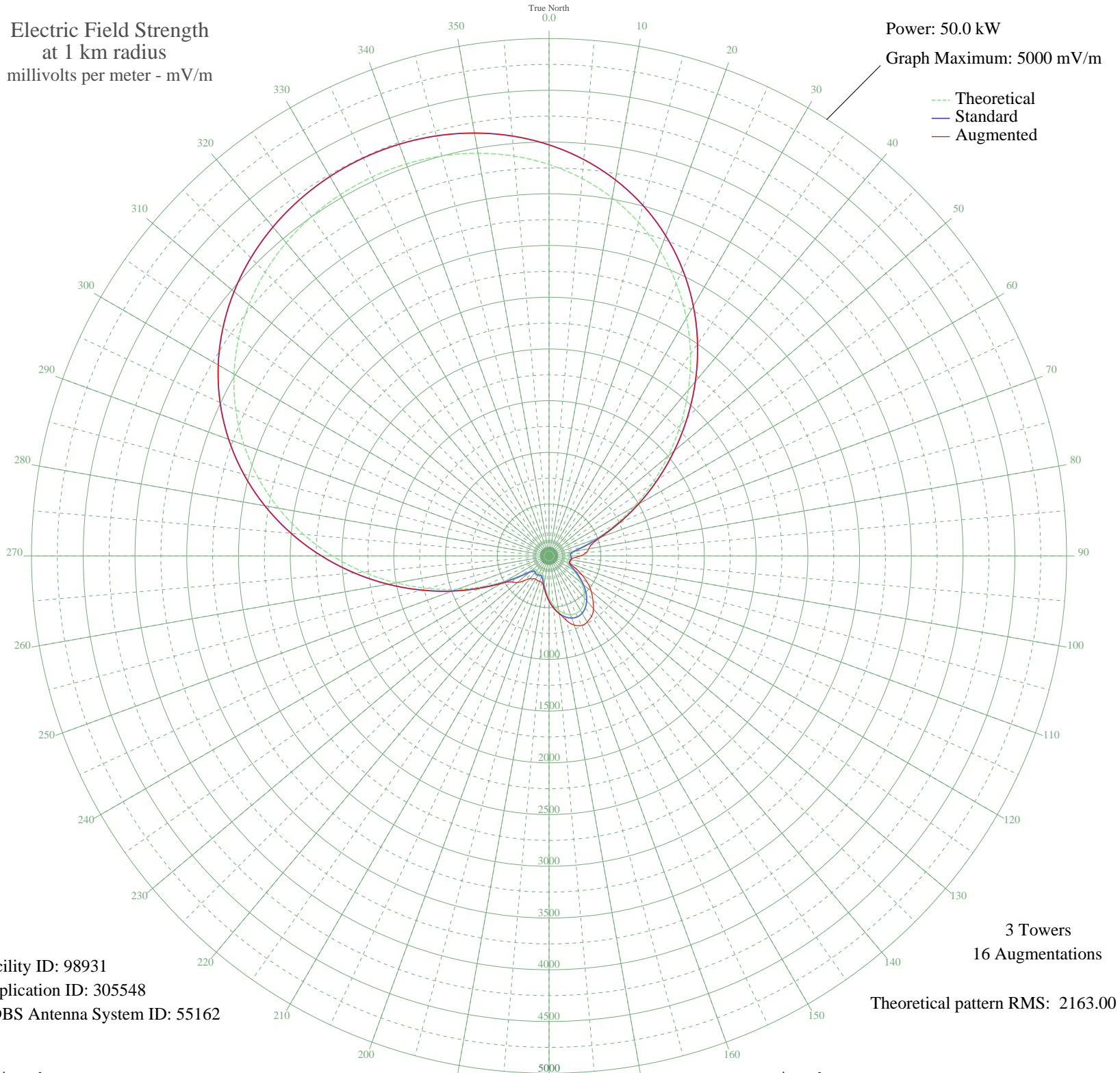


CHQT EDMONTON, AB Canada -- 880 kHz

Nighttime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 98931
Application ID: 305548
CDBS Antenna System ID: 55162

3 Towers
16 Augmentations
Theoretical pattern RMS: 2163.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	3782.89	3972.75	3972.75
5	3661.69	3845.51	3845.51
10	3513.94	3690.40	3690.40
15	3338.77	3506.52	3506.52
20	3136.16	3293.83	3293.83
25	2907.17	3053.45	3053.45
30	2654.21	2787.93	2787.93
35	2381.15	2501.34	2501.34
40	2093.35	2199.30	2199.30
45	1797.51	1888.88	1888.88
50	1501.44	1578.31	1578.31
55	1213.69	1276.59	1276.59
60	943.15	993.16	993.16
65	698.75	737.53	737.53
70	489.57	519.52	534.30
75	325.90	350.36	424.84
80	221.22	244.15	389.09
85	183.32	206.65	360.69
90	186.45	209.72	302.90
95	193.48	216.63	235.50
100	190.71	213.90	213.90
105	183.06	206.40	206.40
110	186.09	209.37	216.80
115	214.48	237.43	280.39
120	268.07	291.35	367.61
125	336.14	360.87	454.61
130	407.98	434.93	531.67
135	475.64	505.05	598.31
140	533.46	565.16	667.09
145	577.44	610.95	714.61
150	604.86	639.54	737.39
155	614.17	649.25	741.43
160	604.86	639.54	711.62
165	577.44	610.95	643.76
170	533.46	565.16	565.16
175	475.64	505.05	505.05

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 _{theo}	E _{std}	E _{aug}
180	407.98	434.93	434.93
185	336.14	360.87	362.99
190	268.07	291.35	300.20
195	214.48	237.43	266.92
200	186.09	209.37	261.82
205	183.06	206.40	262.78
210	190.71	213.90	258.63
215	193.48	216.63	269.77
220	186.45	209.72	287.59
225	183.32	206.65	335.66
230	221.22	244.15	401.20
235	325.90	350.36	438.20
240	489.57	519.52	533.66
245	698.75	737.53	737.53
250	943.15	993.16	993.16
255	1213.69	1276.59	1276.59
260	1501.44	1578.31	1578.31
265	1797.51	1888.88	1888.88
270	2093.35	2199.30	2199.30
275	2381.15	2501.34	2501.34
280	2654.21	2787.93	2787.93
285	2907.17	3053.45	3053.45
290	3136.16	3293.83	3293.83
295	3338.77	3506.52	3506.52
300	3513.94	3690.40	3690.40
305	3661.69	3845.51	3845.51
310	3782.89	3972.75	3972.75
315	3878.92	4073.56	4073.56
320	3951.38	4149.64	4149.64
325	4001.83	4202.60	4202.60
330	4031.55	4233.79	4233.79
335	4041.35	4244.09	4244.09
340	4031.55	4233.79	4233.79
345	4001.83	4202.60	4202.60
350	3951.38	4149.63	4149.63
355	3878.92	4073.56	4073.56