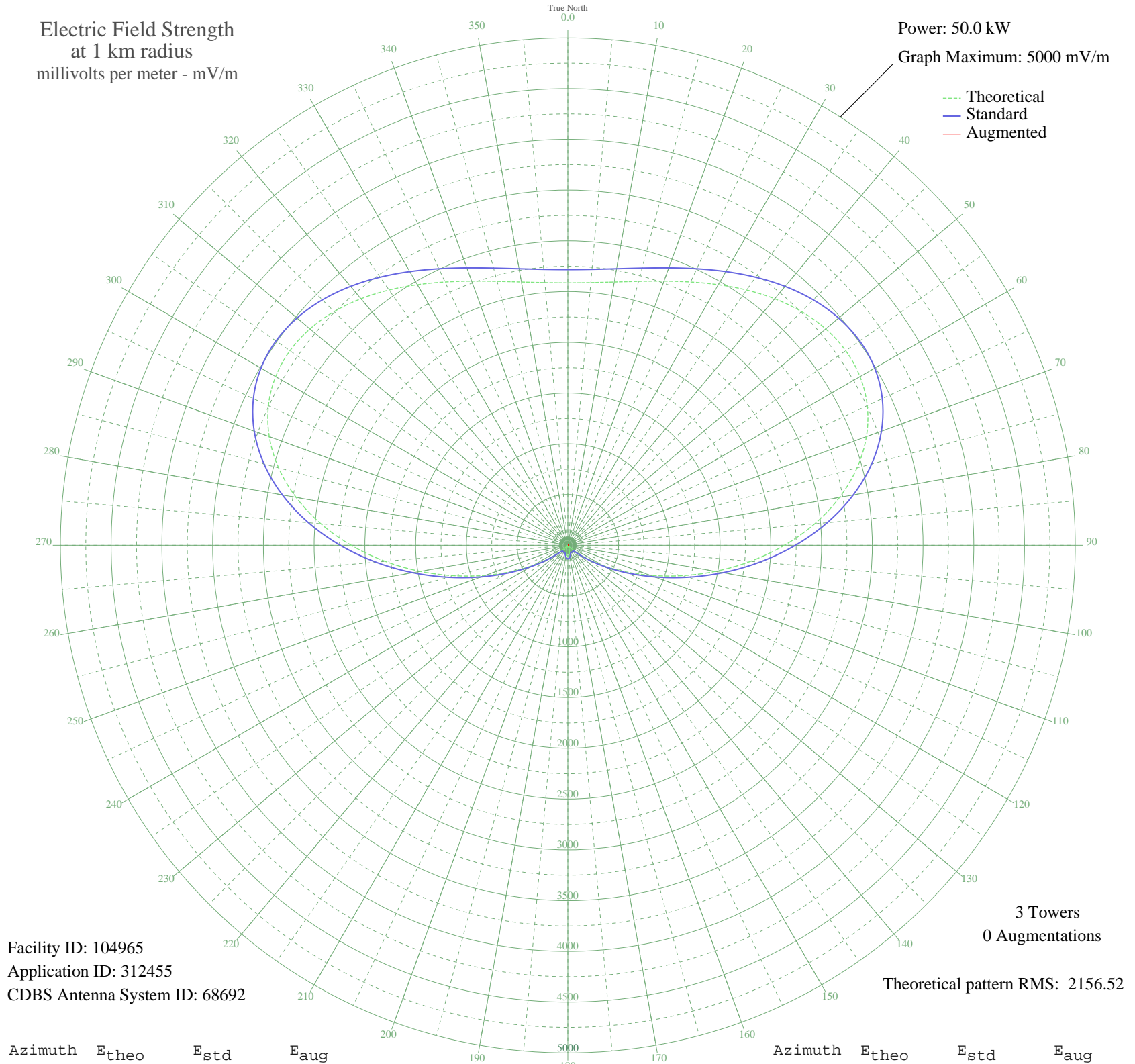


CHQM VANCOUVER, BC Canada -- 1320 kHz

Nighttime

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

Power: 50.0 kW
Graph Maximum: 5000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 104965
Application ID: 312455
CDBS Antenna System ID: 68692

3 Towers
0 Augmentations

Theoretical pattern RMS: 2156.52

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2586.53	2716.87	
5	2598.65	2729.60	
10	2634.50	2767.22	
15	2692.49	2828.09	
20	2769.87	2909.32	
25	2862.61	3006.65	
30	2965.23	3114.38	
35	3070.82	3225.22	
40	3171.06	3330.44	
45	3256.51	3420.14	
50	3317.08	3483.72	
55	3342.76	3510.68	
60	3324.50	3491.52	
65	3255.24	3418.81	
70	3130.82	3288.20	
75	2950.81	3099.24	
80	2718.89	2855.80	
85	2442.88	2566.10	
90	2134.18	2242.11	
95	1806.78	1898.57	
100	1475.98	1551.56	
105	1156.87	1216.98	
110	862.96	909.14	
115	604.96	639.53	
120	390.10	416.28	
125	221.78	244.42	
130	99.74	128.37	
135	20.58	77.33	
140	21.49	77.60	
145	33.77	82.28	
150	24.26	78.49	
155	0.92	74.25	
160	28.91	80.21	
165	58.89	96.63	
170	83.99	115.28	
175	100.51	129.04	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	106.27	134.03	
185	100.51	129.04	
190	83.99	115.28	
195	58.90	96.63	
200	28.91	80.21	
205	0.92	74.25	
210	24.26	78.49	
215	33.77	82.28	
220	21.49	77.60	
225	20.57	77.33	
230	99.73	128.37	
235	221.78	244.41	
240	390.10	416.28	
245	604.96	639.53	
250	862.95	909.14	
255	1156.87	1216.98	
260	1475.98	1551.55	
265	1806.78	1898.57	
270	2134.17	2242.11	
275	2442.88	2566.10	
280	2718.89	2855.80	
285	2950.81	3099.23	
290	3130.82	3288.20	
295	3255.24	3418.81	
300	3324.50	3491.52	
305	3342.76	3510.68	
310	3317.08	3483.72	
315	3256.51	3420.14	
320	3171.06	3330.44	
325	3070.82	3225.22	
330	2965.23	3114.38	
335	2862.61	3006.66	
340	2769.88	2909.32	
345	2692.49	2828.09	
350	2634.50	2767.22	
355	2598.65	2729.60	

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission