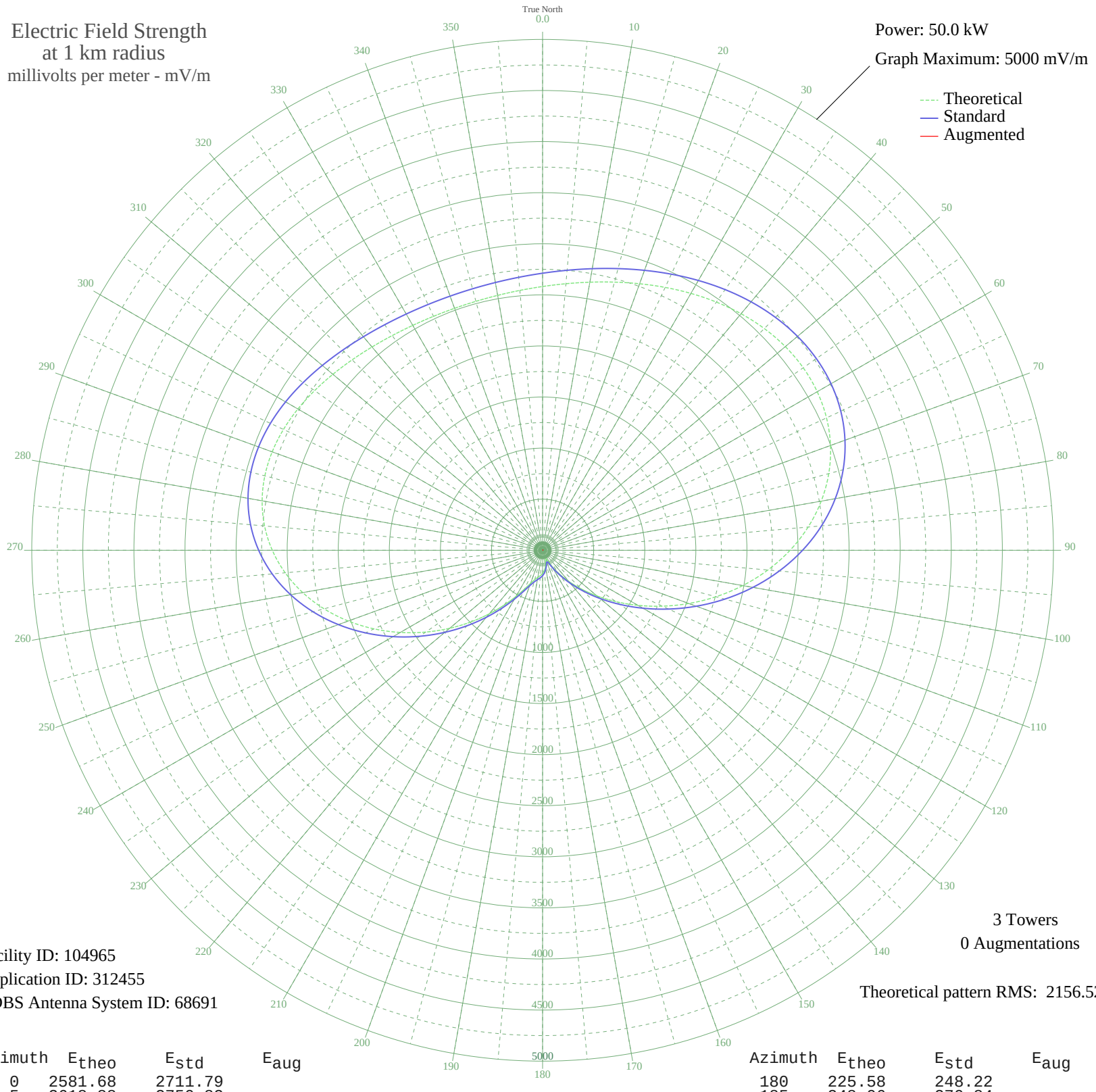
CHQM VANCOUVER, BC Canada -- 1320 kHz

Daytime

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



Power: 50.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 104965
Application ID: 312455
CDBS Antenna System ID: 68691

Theoretical pattern RMS: 2156.52

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2581.68	2711.79	
5	2618.88	2750.82	
10	2664.30	2798.50	
15	2717.12	2853.94	
20	2775.95	2915.70	
25	2838.84	2981.70	
30	2903.13	3049.19	
35	2965.58	3114.74	
40	3022.33	3174.32	
45	3069.09	3223.40	
50	3101.28	3257.19	
55	3114.33	3270.89	
60	3103.92	3259.96	
65	3066.34	3220.51	
70	2998.82	3149.64	
75	2899.84	3045.73	
80	2769.38	2908.79	
85	2609.08	2740.54	
90	2422.27	2544.47	
95	2213.80	2325.68	
100	1989.78	2090.59	
105	1757.15	1846.50	
110	1523.11	1600.99	
115	1294.57	1361.33	
120	1077.56	1133.87	
125	876.80	923.63	
130	695.41	733.94	
135	534.89	566.52	
140	395.42	421.78	
145	276.57	299.74	
150	178.99	202.08	
155	109.42	136.79	
160	90.10	120.26	
165	119.63	145.91	
170	160.47	184.13	
175	196.84	219.62	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	225.58	248.22	
185	248.06	270.84	
190	269.32	292.37	
195	298.00	321.59	
200	344.72	369.49	
205	417.95	445.08	
210	521.17	552.24	
215	653.46	690.14	
220	811.63	855.44	
225	991.41	1043.63	
230	1187.89	1249.50	
235	1395.59	1467.25	
240	1608.51	1690.57	
245	1820.26	1912.71	
250	2024.28	2126.79	
255	2214.18	2326.07	
260	2384.08	2504.39	
265	2529.09	2656.58	
270	2645.61	2778.89	
275	2731.76	2869.31	
280	2787.49	2927.80	
285	2814.61	2956.27	
290	2816.65	2958.41	
295	2798.47	2939.34	
300	2765.74	2904.97	
305	2724.29	2861.46	
310	2679.56	2814.52	
315	2636.13	2768.93	
320	2597.37	2728.25	
325	2565.50	2694.80	
330	2541.73	2669.85	
335	2526.56	2653.93	
340	2520.11	2647.16	
345	2522.38	2649.54	
350	2533.38	2661.08	
355	2553.14	2681.82	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission