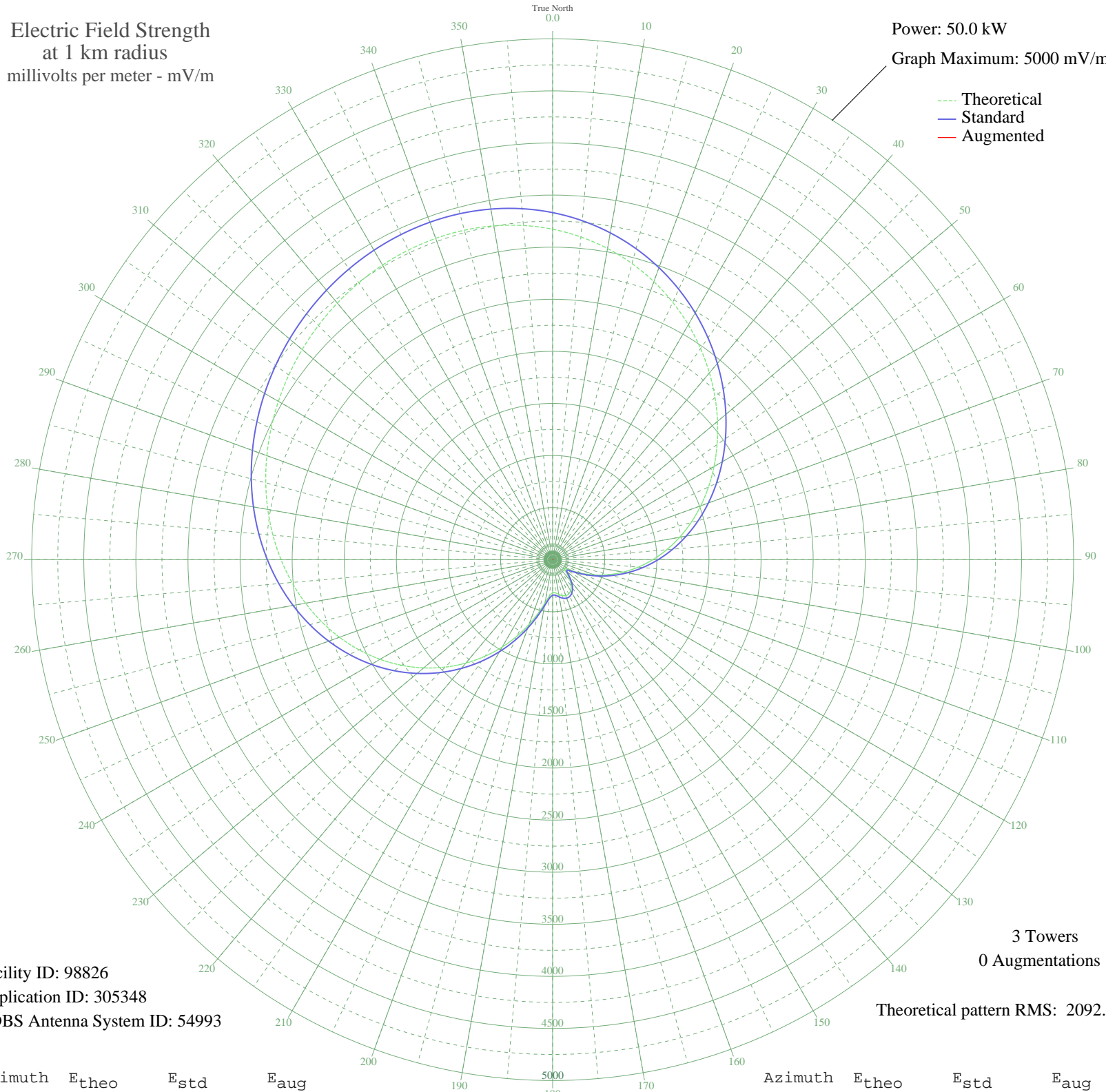


# CHMJ VANCOUVER, BC Canada -- 730 kHz

Daytime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 98826  
Application ID: 305348  
CDBS Antenna System ID: 54993

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 2092.15

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3172.16	3331.60	
5	3109.81	3266.14	
10	3033.13	3185.66	
15	2942.83	3090.87	
20	2840.08	2983.01	
25	2726.50	2863.78	
30	2604.01	2735.22	
35	2474.71	2599.51	
40	2340.66	2458.82	
45	2203.72	2315.10	
50	2065.40	2169.94	
55	1926.76	2024.45	
60	1788.38	1879.26	
65	1650.44	1734.55	
70	1512.83	1590.21	
75	1375.27	1445.95	
80	1237.54	1301.54	
85	1099.56	1156.93	
90	961.59	1012.39	
95	824.23	868.62	
100	688.57	726.80	
105	556.20	588.71	
110	429.51	457.06	
115	312.38	336.30	
120	212.75	235.40	
125	150.43	174.53	
130	153.32	177.28	
135	201.98	224.70	
140	258.83	281.73	
145	307.99	331.80	
150	343.70	368.45	
155	363.73	389.07	
160	367.82	393.29	
165	357.78	382.94	
170	338.49	363.09	
175	319.79	343.89	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	317.73	341.78	
185	349.66	374.57	
190	422.26	449.55	
195	529.50	560.91	
200	661.51	698.54	
205	809.88	853.60	
210	968.21	1019.32	
215	1131.55	1190.44	
220	1295.97	1362.79	
225	1458.38	1533.10	
230	1616.38	1698.82	
235	1768.23	1858.12	
240	1912.73	2009.74	
245	2049.18	2152.92	
250	2177.24	2287.30	
255	2296.84	2412.83	
260	2408.12	2529.62	
265	2511.34	2637.96	
270	2606.83	2738.18	
275	2694.96	2830.68	
280	2776.13	2915.88	
285	2850.76	2994.22	
290	2919.26	3066.12	
295	2982.01	3131.99	
300	3039.30	3192.13	
305	3091.35	3246.76	
310	3138.16	3295.91	
315	3179.57	3339.37	
320	3215.14	3376.71	
325	3244.19	3407.21	
330	3265.80	3429.89	
335	3278.83	3443.58	
340	3282.03	3446.94	
345	3274.09	3438.60	
350	3253.78	3417.28	
355	3220.05	3381.86	

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