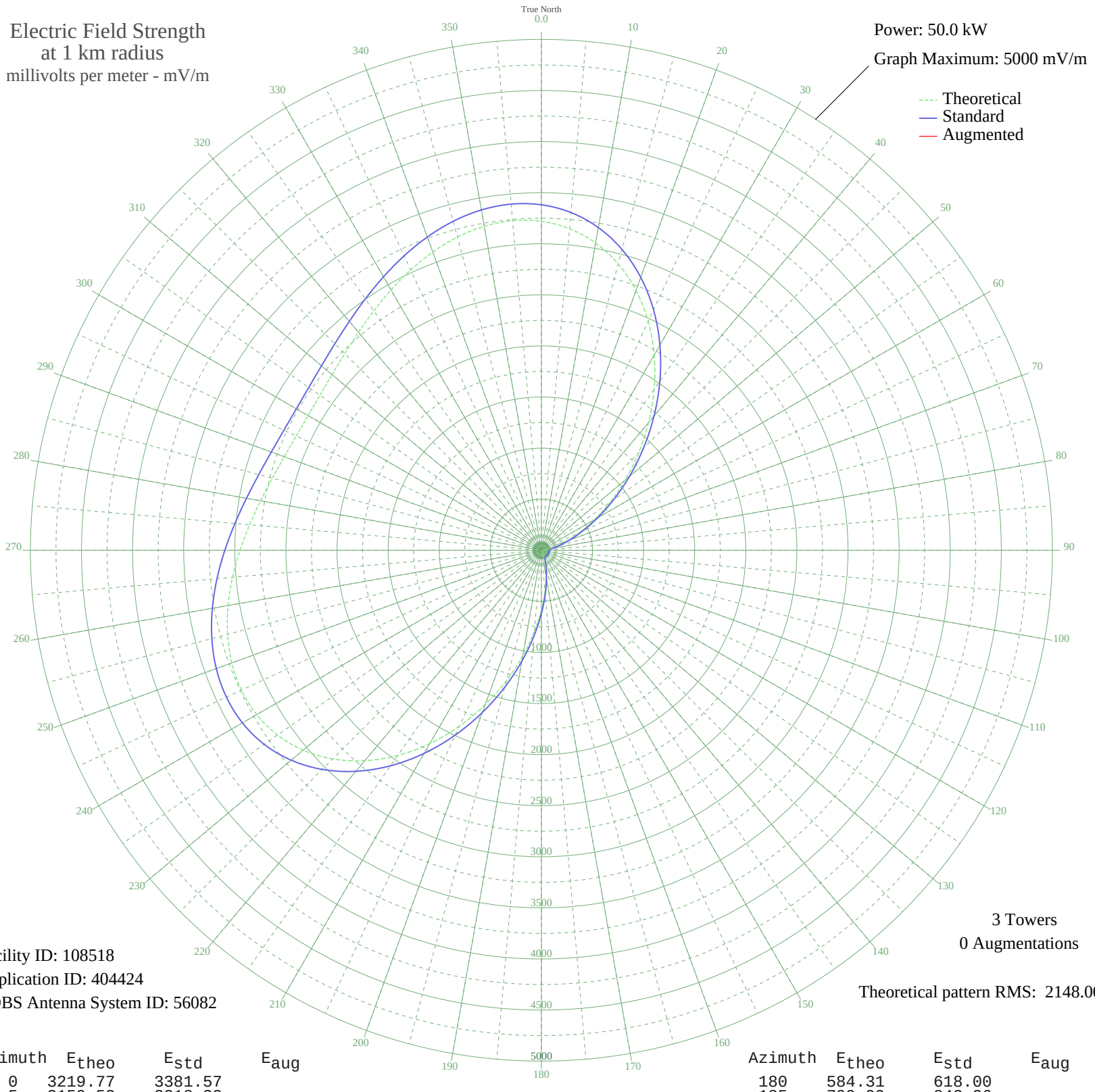
CKST VANCOUVER, BC Canada -- 1040 kHz

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

3 Towers
0 Augmentations

Facility ID: 108518
Application ID: 404424
CDBS Antenna System ID: 56082

Theoretical pattern RMS: 2148.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	3219.77	3381.57	
5	3159.52	3318.33	
10	3053.86	3207.41	
15	2901.96	3047.97	
20	2706.14	2842.41	
25	2471.82	2596.48	
30	2207.29	2318.84	
35	1922.96	2020.48	
40	1630.55	1713.68	
45	1341.94	1410.99	
50	1068.20	1124.07	
55	818.68	862.81	
60	600.29	634.67	
65	417.24	444.34	
70	270.92	293.99	
75	160.23	183.89	
80	82.00	113.69	
85	31.57	81.31	
90	3.43	74.33	
95	8.24	74.75	
100	9.04	74.85	
105	3.99	74.36	
110	2.78	74.30	
115	8.18	74.74	
120	10.30	75.03	
125	8.49	74.78	
130	3.29	74.33	
135	3.46	74.33	
140	8.79	74.82	
145	8.63	74.80	
150	1.97	74.28	
155	28.58	80.08	
160	77.01	109.77	
165	152.83	176.81	
170	260.78	283.70	
175	404.18	430.83	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	584.31	618.00	
185	799.99	843.26	
190	1047.24	1102.11	
195	1319.35	1387.31	
200	1607.16	1689.15	
205	1899.71	1996.07	
210	2185.12	2295.58	
215	2451.64	2575.30	
220	2688.71	2824.13	
225	2887.86	3033.16	
230	3043.40	3196.43	
235	3152.77	3311.24	
240	3216.55	3378.20	
245	3238.12	3400.84	
250	3223.11	3385.08	
255	3178.70	3338.46	
260	3112.88	3269.37	
265	3033.79	3186.34	
270	2949.15	3097.50	
275	2865.89	3010.10	
280	2789.89	2930.32	
285	2725.87	2863.13	
290	2677.43	2812.29	
295	2647.07	2780.41	
300	2636.24	2769.05	
305	2645.47	2778.74	
310	2674.31	2809.01	
315	2721.38	2858.42	
320	2784.27	2924.42	
325	2859.47	3003.36	
330	2942.36	3090.36	
335	3027.12	3179.35	
340	3106.94	3263.13	
345	3174.11	3333.65	
350	3220.54	3382.38	
355	3238.18	3400.90	

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