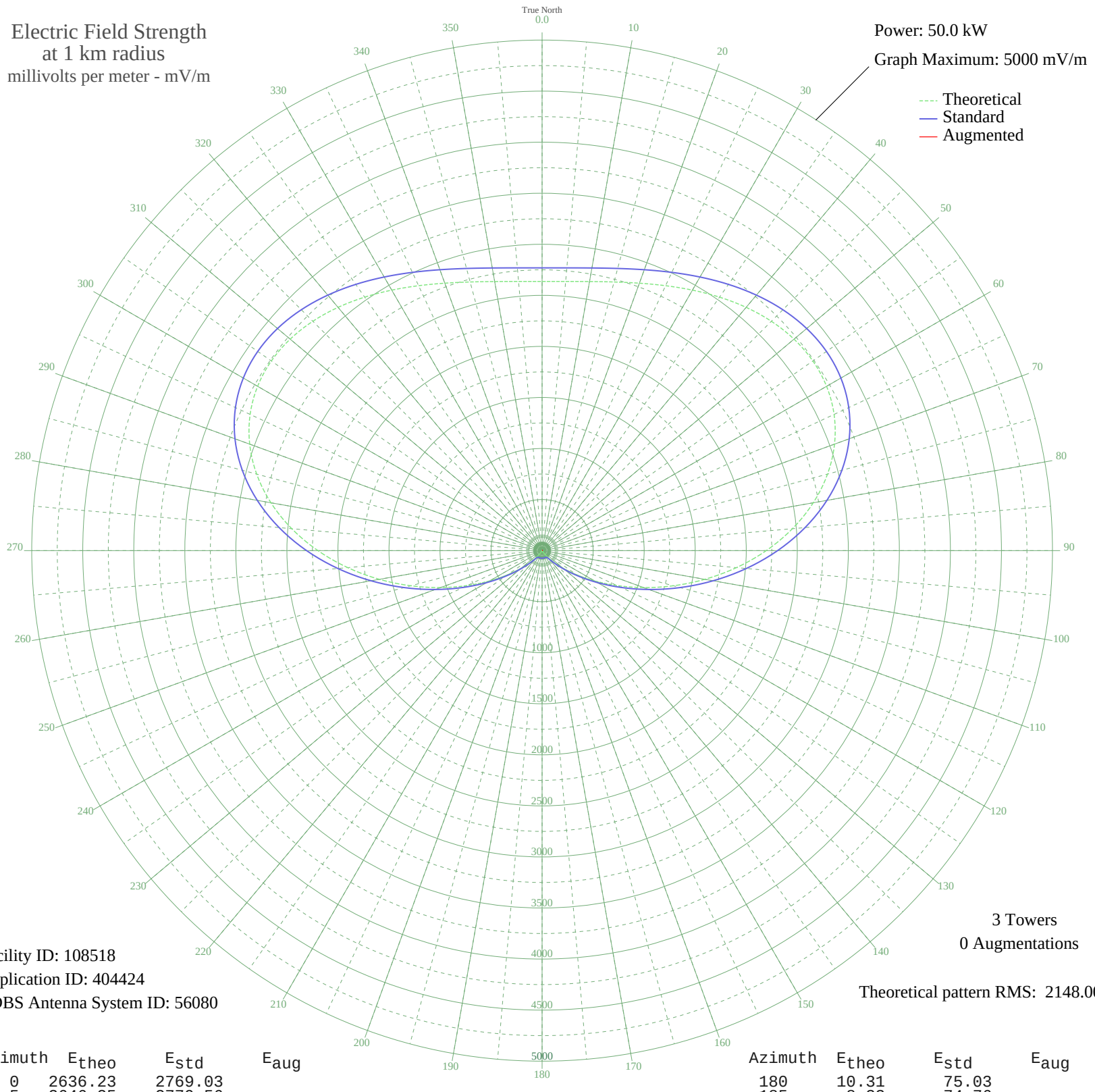
CKST VANCOUVER, BC Canada -- 1040 kHz

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: 108518
Application ID: 404424
CDBS Antenna System ID: 56080

Theoretical pattern RMS: 2148.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2636.23	2769.03	
5	2646.25	2779.56	
10	2675.86	2810.63	
15	2723.61	2860.76	
20	2787.07	2927.36	
25	2862.68	3006.73	
30	2945.75	3093.93	
35	3030.46	3182.85	
40	3109.92	3266.26	
45	3176.42	3336.07	
50	3221.85	3383.76	
55	3238.18	3400.90	
60	3218.19	3379.92	
65	3156.18	3314.82	
70	3048.67	3201.96	
75	2894.95	3040.60	
80	2697.46	2833.30	
85	2461.76	2585.91	
90	2196.22	2307.22	
95	1911.34	2008.28	
100	1618.85	1701.41	
105	1330.63	1399.13	
110	1057.70	1113.07	
115	809.31	853.01	
120	592.27	626.30	
125	410.68	437.55	
130	265.82	288.82	
135	156.50	180.32	
140	79.48	111.70	
145	30.06	80.67	
150	2.69	74.30	
155	8.44	74.77	
160	8.92	74.83	
165	3.72	74.35	
170	3.04	74.31	
175	8.33	74.76	
180	10.31	75.03	
185	8.33	74.76	
190	3.04	74.31	
195	3.72	74.35	
200	8.92	74.83	
205	8.44	74.77	
210	2.69	74.30	
215	30.06	80.67	
220	79.48	111.70	
225	156.50	180.32	
230	265.82	288.82	
235	410.68	437.56	
240	592.28	626.31	
245	809.31	853.01	
250	1057.70	1113.07	
255	1330.63	1399.13	
260	1618.85	1701.41	
265	1911.34	2008.28	
270	2196.22	2307.23	
275	2461.76	2585.91	
280	2697.46	2833.30	
285	2894.95	3040.60	
290	3048.67	3201.96	
295	3156.18	3314.83	
300	3218.19	3379.92	
305	3238.18	3400.90	
310	3221.85	3383.76	
315	3176.42	3336.07	
320	3109.92	3266.26	
325	3030.46	3182.85	
330	2945.75	3093.93	
335	2862.68	3006.73	
340	2787.07	2927.36	
345	2723.61	2860.76	
350	2675.86	2810.63	
355	2646.25	2779.56	

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