

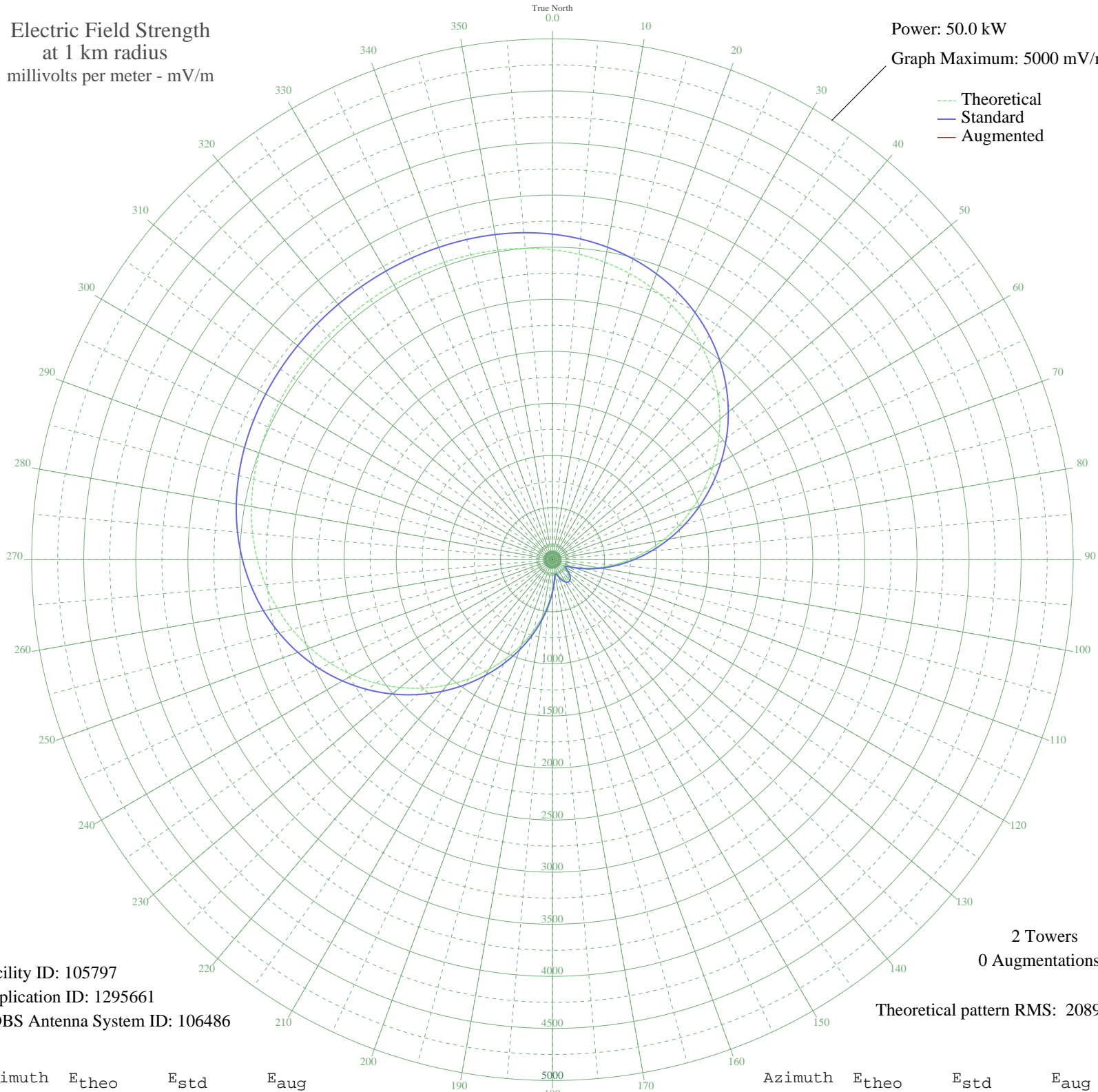
CFUN VANCOUVER, BC Canada -- 1410 kHz

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



Facility ID: 105797
Application ID: 1295661
CDBS Antenna System ID: 106486

2 Towers
0 Augmentations

Theoretical pattern RMS: 2089.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2975.18	3124.83	
5	2942.33	3090.34	
10	2899.67	3045.56	
15	2845.85	2989.06	
20	2779.68	2919.61	
25	2700.25	2836.24	
30	2606.99	2738.35	
35	2499.69	2625.73	
40	2378.61	2498.64	
45	2244.41	2357.80	
50	2098.24	2204.40	
55	1941.63	2040.06	
60	1776.50	1866.80	
65	1605.07	1686.96	
70	1429.79	1503.11	
75	1253.24	1318.00	
80	1078.08	1134.42	
85	906.96	955.19	
90	742.45	783.10	
95	587.11	620.92	
100	443.52	471.58	
105	314.76	338.73	
110	205.89	228.58	
115	129.72	155.13	
120	113.04	140.00	
125	146.41	170.72	
130	187.74	210.64	
135	219.61	242.25	
140	237.09	259.78	
145	238.70	261.41	
150	224.33	246.97	
155	195.11	217.91	
160	154.92	178.81	
165	117.28	143.79	
170	120.80	146.97	
175	187.36	210.27	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	291.16	314.60	
185	416.47	443.55	
190	557.36	589.92	
195	710.57	749.78	
200	873.44	920.12	
205	1043.45	1098.13	
210	1218.01	1281.06	
215	1394.49	1466.10	
220	1570.24	1650.42	
225	1742.64	1831.28	
230	1909.22	2006.05	
235	2067.69	2172.35	
240	2216.09	2328.08	
245	2352.79	2471.54	
250	2476.56	2601.45	
255	2586.65	2717.00	
260	2682.72	2817.83	
265	2764.88	2904.07	
270	2833.64	2976.24	
275	2889.84	3035.24	
280	2934.63	3082.26	
285	2969.33	3118.68	
290	2995.39	3146.03	
295	3014.28	3165.87	
300	3027.46	3179.70	
305	3036.24	3188.92	
310	3041.76	3194.72	
315	3044.95	3198.06	
320	3046.43	3199.62	
325	3046.56	3199.75	
330	3045.37	3198.50	
335	3042.56	3195.55	
340	3037.57	3190.31	
345	3029.53	3181.87	
350	3017.33	3169.07	
355	2999.69	3150.55	

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