

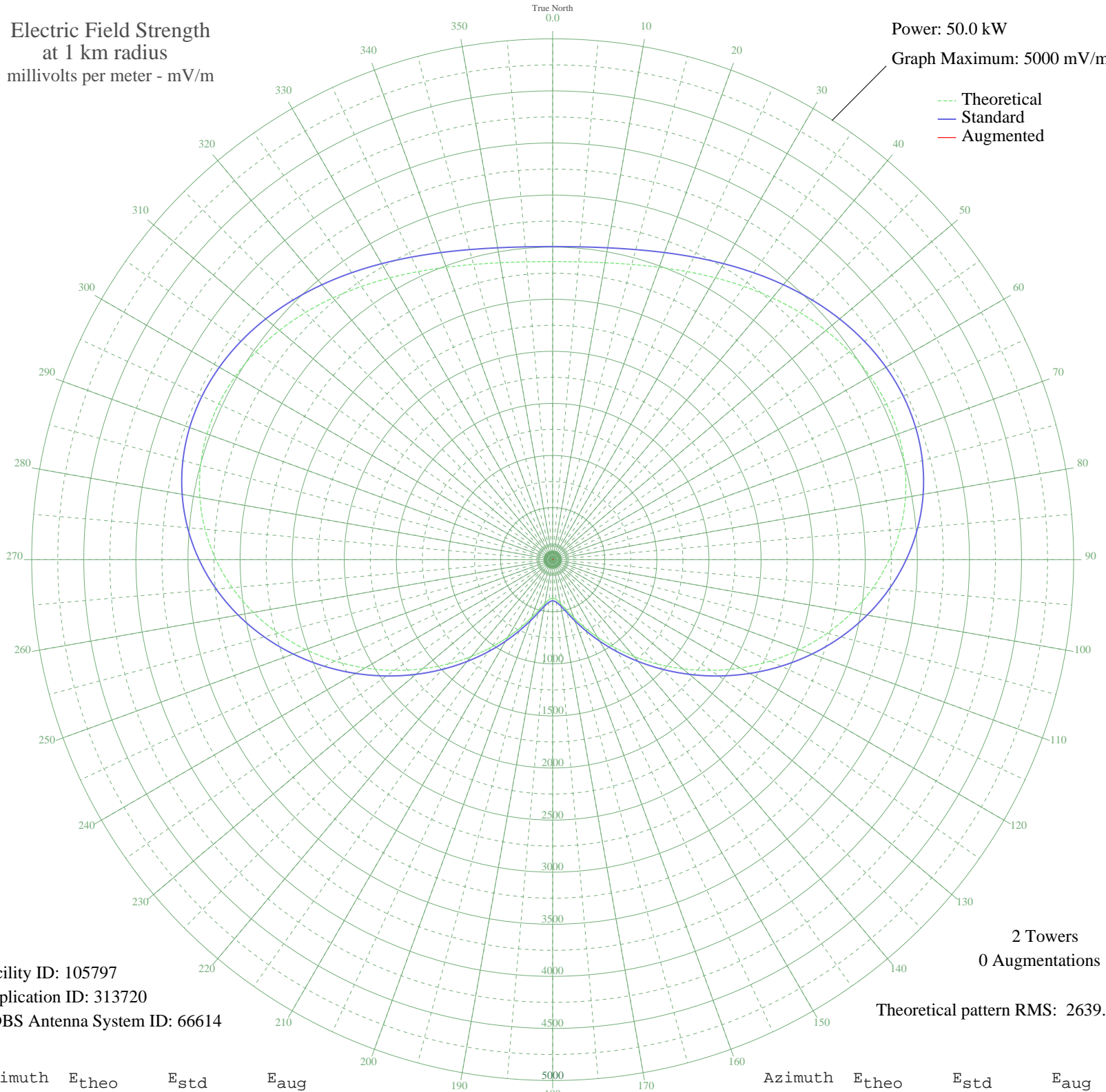
CFUN VANCOUVER, BC Canada -- 1410 kHz

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: 313720
CDBS Antenna System ID: 66614

2 Towers
0 Augmentations

Theoretical pattern RMS: 2639.32

Azimuth	E _{theo}	E _{std}	E _{aug}
0	2861.52	3005.52	
5	2869.78	3014.19	
10	2894.23	3039.85	
15	2933.87	3081.46	
20	2987.03	3137.26	
25	3051.41	3204.84	
30	3124.13	3281.18	
35	3201.74	3362.65	
40	3280.35	3445.16	
45	3355.69	3524.26	
50	3423.33	3595.26	
55	3478.77	3653.46	
60	3517.66	3694.29	
65	3536.05	3713.59	
70	3530.52	3707.79	
75	3498.45	3674.13	
80	3438.14	3610.81	
85	3348.92	3517.15	
90	3231.25	3393.62	
95	3086.68	3241.86	
100	2917.80	3064.59	
105	2728.12	2865.49	
110	2521.88	2649.01	
115	2303.83	2420.16	
120	2079.02	2184.23	
125	1852.59	1946.64	
130	1629.54	1712.63	
135	1414.56	1487.14	
140	1211.91	1274.67	
145	1025.32	1079.15	
150	857.99	903.95	
155	712.52	751.83	
160	590.99	624.97	
165	494.98	525.00	
170	425.64	453.04	
175	383.74	409.71	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	369.72	395.24	
185	383.74	409.71	
190	425.64	453.04	
195	494.98	525.00	
200	590.99	624.97	
205	712.52	751.82	
210	857.99	903.95	
215	1025.32	1079.15	
220	1211.90	1274.66	
225	1414.56	1487.14	
230	1629.54	1712.63	
235	1852.59	1946.64	
240	2079.02	2184.23	
245	2303.82	2420.15	
250	2521.88	2649.01	
255	2728.12	2865.49	
260	2917.80	3064.59	
265	3086.67	3241.86	
270	3231.24	3393.62	
275	3348.92	3517.15	
280	3438.14	3610.81	
285	3498.45	3674.12	
290	3530.52	3707.79	
295	3536.05	3713.59	
300	3517.66	3694.29	
305	3478.77	3653.46	
310	3423.33	3595.27	
315	3355.69	3524.26	
320	3280.35	3445.16	
325	3201.74	3362.65	
330	3124.13	3281.18	
335	3051.41	3204.85	
340	2987.03	3137.26	
345	2933.87	3081.46	
350	2894.23	3039.85	
355	2869.78	3014.19	

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