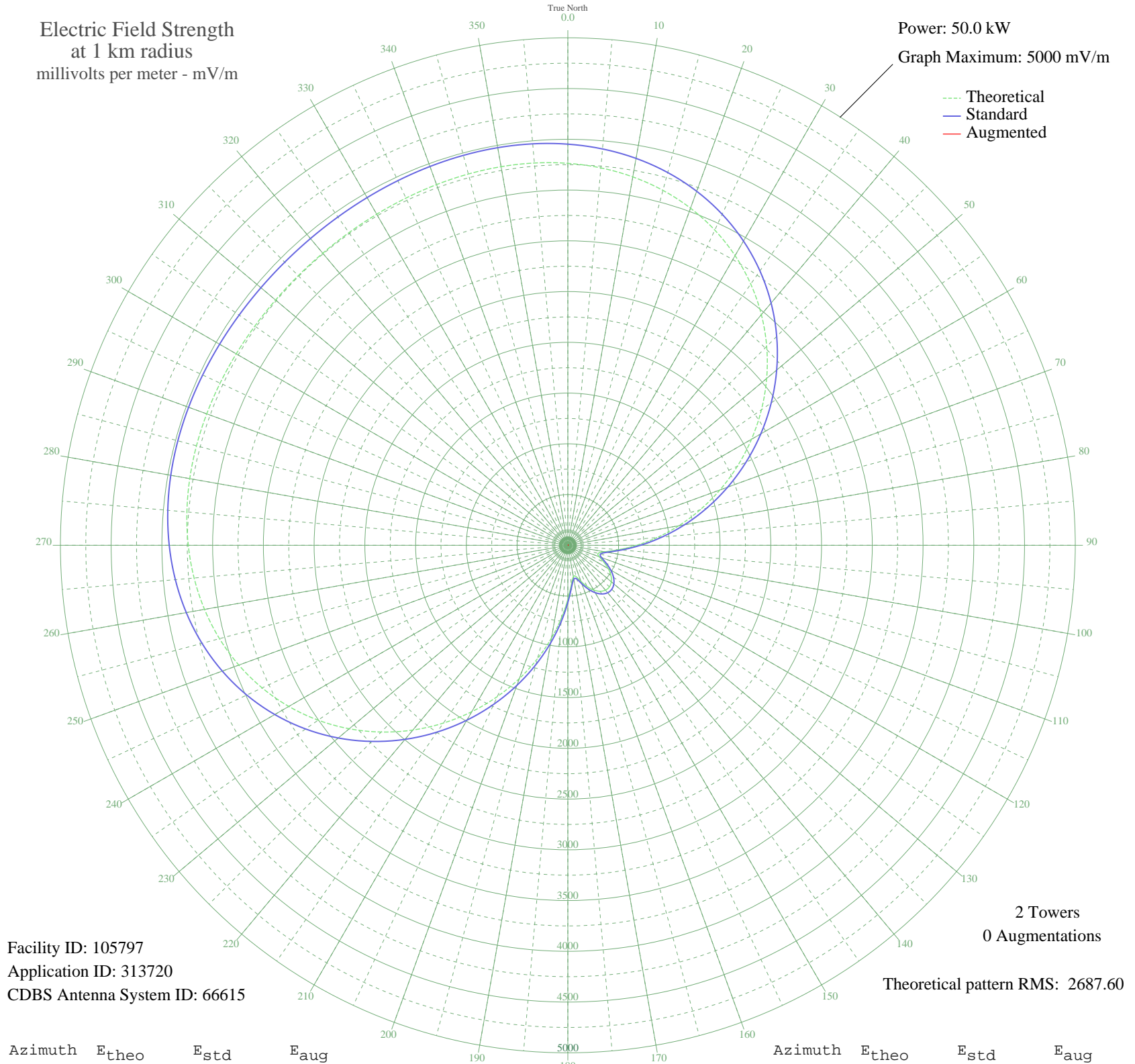


# CFUN VANCOUVER, BC Canada -- 1410 kHz

Nighttime

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

Power: 50.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 105797  
Application ID: 313720  
CDBS Antenna System ID: 66615

2 Towers  
0 Augmentations

Theoretical pattern RMS: 2687.60

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3763.44	3952.31	
5	3732.70	3920.04	
10	3685.89	3870.89	
15	3620.53	3802.28	
20	3534.59	3712.06	
25	3426.62	3598.72	
30	3295.86	3461.45	
35	3142.32	3300.27	
40	2966.84	3116.07	
45	2771.07	2910.57	
50	2557.44	2686.34	
55	2329.09	2446.67	
60	2089.72	2195.46	
65	1843.49	1937.09	
70	1594.91	1676.30	
75	1348.71	1418.09	
80	1109.87	1167.72	
85	883.79	930.95	
90	677.07	714.79	
95	499.36	529.55	
100	367.82	393.28	
105	308.78	332.61	
110	328.75	353.08	
115	391.15	417.36	
120	460.15	488.83	
125	518.57	549.53	
130	559.20	591.83	
135	578.97	612.43	
140	576.76	610.13	
145	552.68	585.04	
150	508.16	538.71	
155	446.85	475.03	
160	377.30	403.07	
165	319.88	343.98	
170	313.75	337.70	
175	389.21	415.36	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	531.91	563.42	
185	716.47	755.95	
190	927.70	976.91	
195	1156.79	1216.90	
200	1397.53	1469.28	
205	1644.59	1728.42	
210	1893.07	1989.11	
215	2138.28	2246.42	
220	2375.77	2495.66	
225	2601.45	2732.54	
230	2811.74	2953.26	
235	3003.62	3154.68	
240	3174.82	3334.39	
245	3323.84	3490.82	
250	3450.02	3623.28	
255	3553.50	3731.91	
260	3635.19	3817.67	
265	3696.66	3882.20	
270	3740.05	3927.75	
275	3767.89	3956.99	
280	3783.00	3972.84	
285	3788.28	3978.38	
290	3786.60	3976.62	
295	3780.66	3970.39	
300	3772.88	3962.22	
305	3765.30	3954.26	
310	3759.48	3948.15	
315	3756.48	3945.01	
320	3756.82	3945.36	
325	3760.44	3949.16	
330	3766.72	3955.75	
335	3774.48	3963.90	
340	3782.07	3971.86	
345	3787.36	3977.42	
350	3787.87	3977.95	
355	3780.86	3970.60	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission