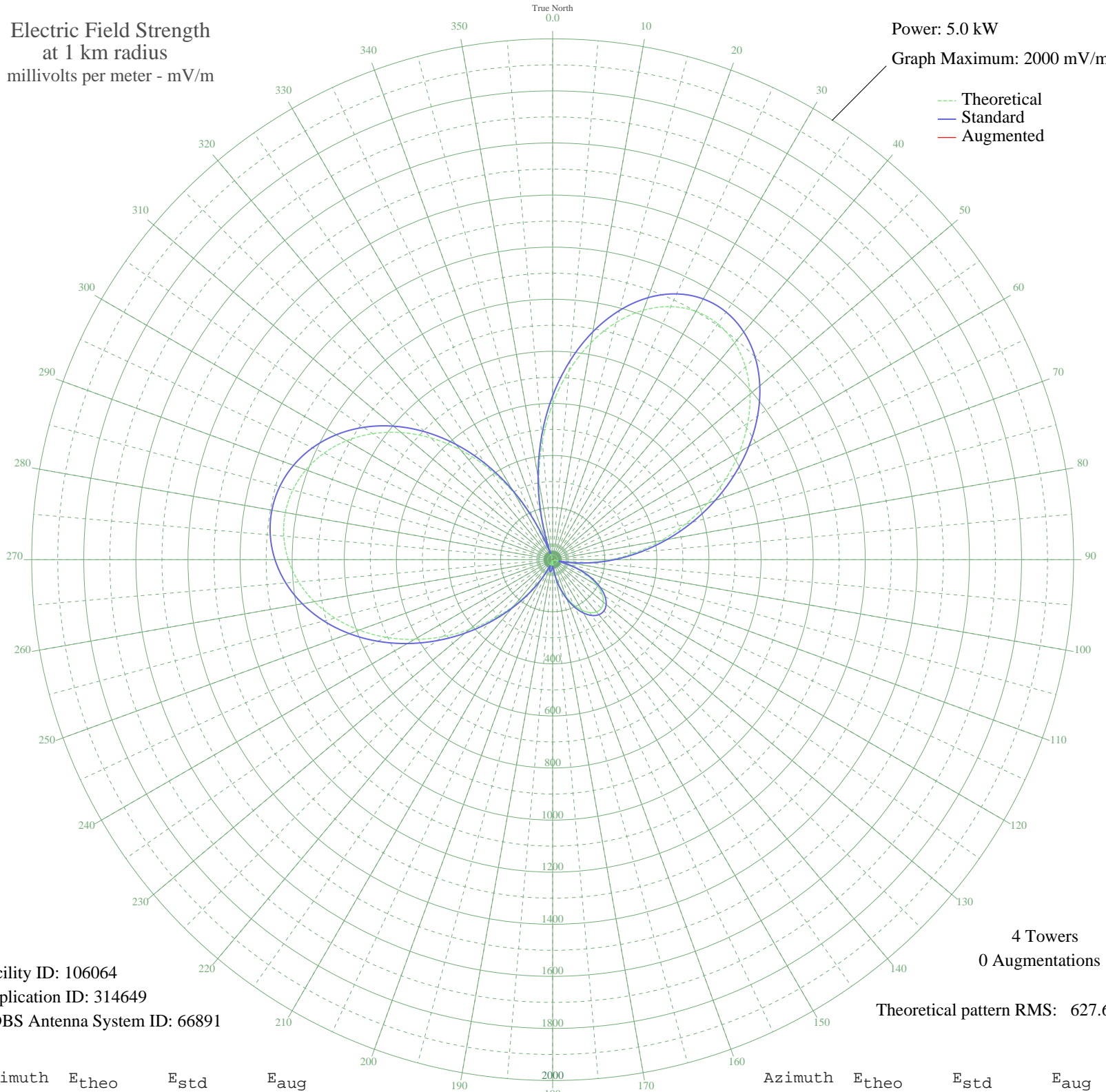


CFJC KAMLOOPS, BC Canada -- 550 kHz

Nighttime

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

Power: 5.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 106064
Application ID: 314649
CDBS Antenna System ID: 66891

4 Towers
0 Augmentations

Theoretical pattern RMS: 627.64

Azimuth	E _{theo}	E _{std}	E _{aug}
0	598.51	628.89	
5	729.66	766.51	
10	845.64	888.25	
15	943.07	990.52	
20	1019.19	1070.42	
25	1072.08	1125.94	
30	1100.77	1156.06	
35	1105.32	1160.83	
40	1086.73	1141.32	
45	1046.90	1099.51	
50	988.41	1038.10	
55	914.30	960.32	
60	827.90	869.62	
65	732.56	769.56	
70	631.52	663.52	
75	527.74	554.64	
80	423.88	445.72	
85	322.21	339.16	
90	224.66	237.10	
95	132.85	141.52	
100	48.15	55.90	
105	28.27	38.08	
110	95.36	102.93	
115	152.23	161.61	
120	198.07	209.34	
125	232.25	245.03	
130	254.33	268.11	
135	264.11	278.34	
140	261.80	275.93	
145	248.02	261.51	
150	223.91	236.31	
155	191.17	202.14	
160	152.09	161.47	
165	109.46	117.38	
170	66.50	73.79	
175	26.70	36.81	

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	6.43	24.79	
185	29.53	39.12	
190	39.72	48.04	
195	34.76	43.60	
200	13.31	27.64	
205	25.03	35.49	
210	79.61	86.93	
215	148.85	158.10	
220	230.32	243.01	
225	320.97	337.86	
230	417.36	438.88	
235	515.90	542.22	
240	613.05	644.14	
245	705.56	741.22	
250	790.56	830.43	
255	865.67	909.26	
260	928.98	975.73	
265	979.11	1028.34	
270	1015.05	1066.07	
275	1036.18	1088.25	
280	1042.15	1094.52	
285	1032.80	1084.71	
290	1008.13	1058.81	
295	968.22	1016.91	
300	913.24	959.20	
305	843.46	885.96	
310	759.24	797.56	
315	661.11	694.57	
320	549.81	577.80	
325	426.42	448.37	
330	292.33	307.87	
335	149.43	158.71	
340	0.07	23.85	
345	152.91	162.31	
350	306.17	322.36	
355	456.02	479.41	