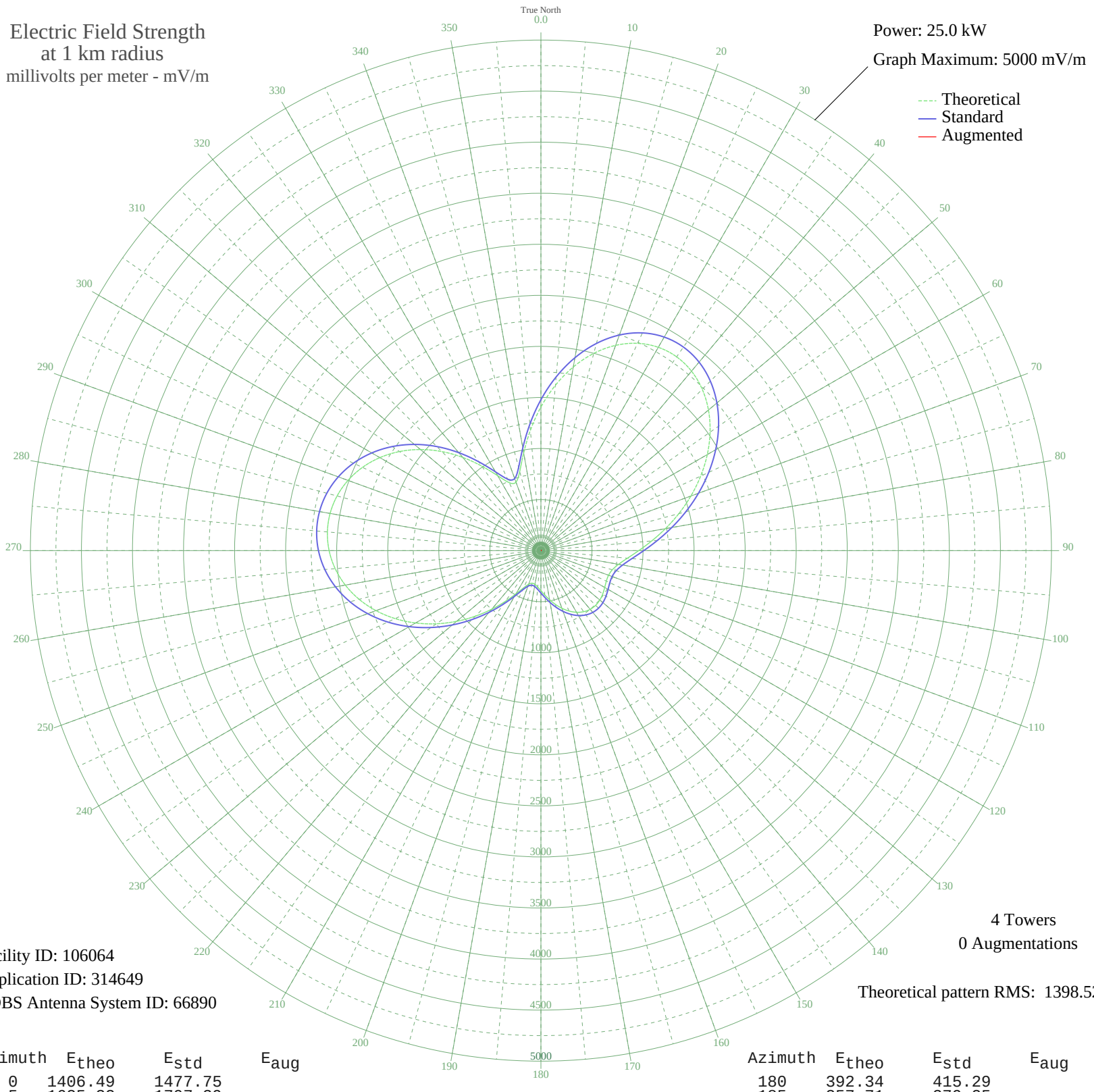
CFJC KAMLOOPS, BC Canada -- 550 kHz

Daytime

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



Power: 25.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 106064
Application ID: 314649
CDBS Antenna System ID: 66890

Theoretical pattern RMS: 1398.52

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1406.49	1477.75	
5	1625.32	1707.39	
10	1826.18	1918.21	
15	1999.76	2100.40	
20	2139.22	2246.80	
25	2239.94	2352.52	
30	2299.38	2414.92	
35	2317.07	2433.49	
40	2294.44	2409.73	
45	2234.60	2346.92	
50	2142.06	2249.78	
55	2022.33	2124.09	
60	1881.55	1976.33	
65	1726.22	1813.29	
70	1562.88	1641.86	
75	1398.02	1468.86	
80	1238.04	1301.00	
85	1089.28	1144.95	
90	958.13	1007.41	
95	850.72	894.80	
100	772.06	812.36	
105	724.26	762.29	
110	704.90	742.00	
115	707.03	744.24	
120	721.43	759.31	
125	739.12	777.85	
130	752.93	792.32	
135	757.79	797.41	
140	750.68	789.96	
145	730.37	768.69	
150	697.24	733.98	
155	653.08	687.74	
160	600.91	633.14	
165	544.64	574.28	
170	488.56	515.67	
175	436.73	461.56	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	392.34	415.29	
185	357.71	379.25	
190	335.37	356.03	
195	330.16	350.62	
200	349.93	371.15	
205	402.15	425.51	
210	488.94	516.06	
215	606.68	639.17	
220	748.87	788.06	
225	908.20	955.05	
230	1077.34	1132.42	
235	1249.20	1312.71	
240	1417.19	1488.98	
245	1575.40	1655.00	
250	1718.75	1805.45	
255	1843.08	1935.95	
260	1945.21	2043.14	
265	2022.82	2124.61	
270	2074.39	2178.74	
275	2099.07	2204.65	
280	2096.55	2202.01	
285	2066.94	2170.92	
290	2010.67	2111.86	
295	1928.51	2025.62	
300	1821.54	1913.34	
305	1691.32	1776.66	
310	1540.17	1618.03	
315	1371.67	1441.21	
320	1191.72	1252.41	
325	1010.61	1062.44	
330	847.10	891.01	
335	734.08	772.57	
340	713.59	751.11	
345	802.12	843.86	
350	971.50	1021.43	
355	1182.41	1242.64	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission