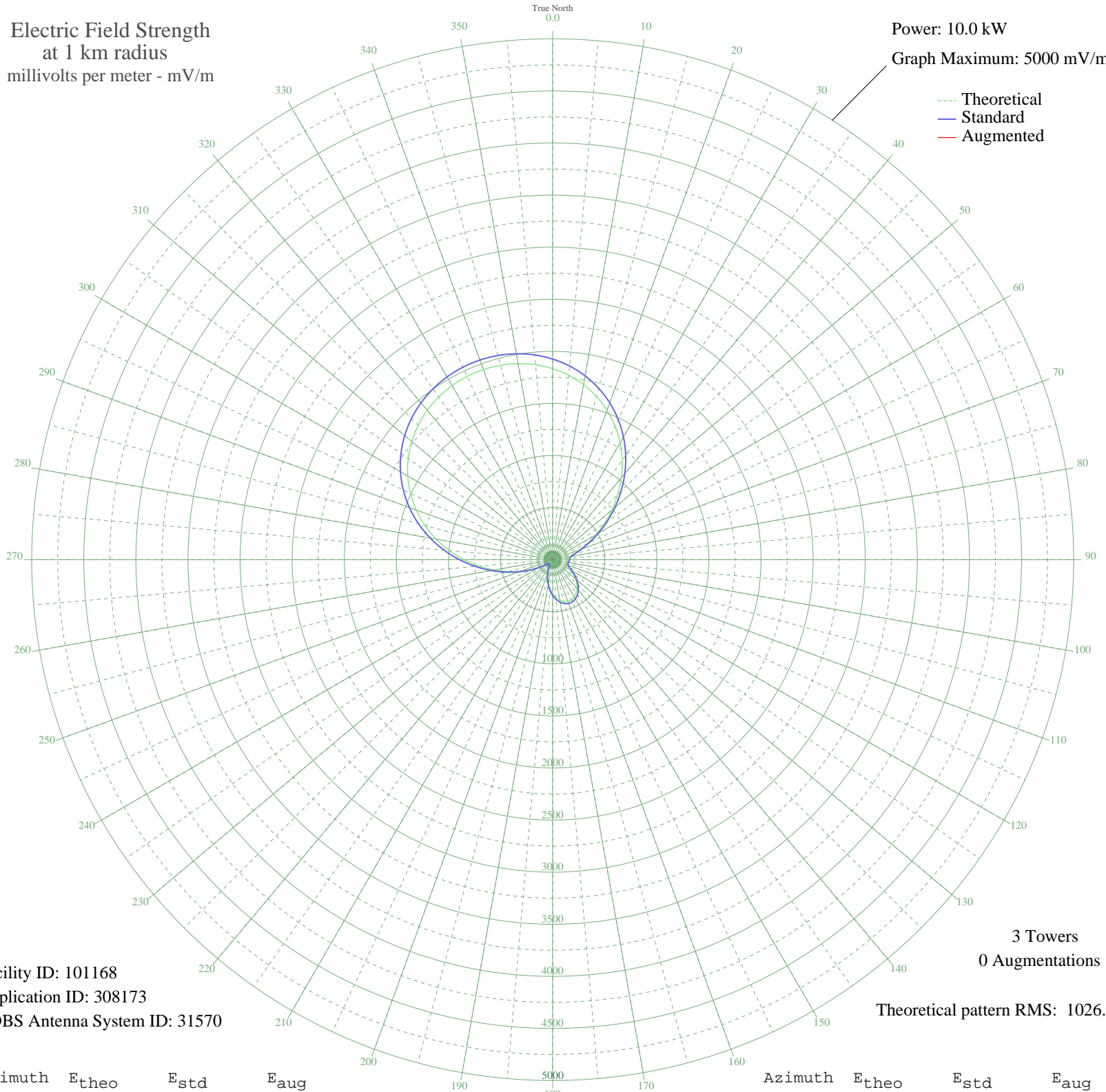


# CKFR KELOWNA, BC Canada -- 1150 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 101168  
Application ID: 308173  
CDBS Antenna System ID: 31570

3 Towers  
0 Augmentations  
Theoretical pattern RMS: 1026.76

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1833.61	1925.66	
5	1776.35	1865.56	
10	1705.97	1791.67	
15	1622.18	1703.72	
20	1525.08	1601.78	
25	1415.24	1486.49	
30	1293.89	1359.12	
35	1162.94	1221.68	
40	1025.04	1076.97	
45	883.55	928.51	
50	742.43	780.47	
55	606.13	637.57	
60	479.49	504.90	
65	367.63	387.88	
70	275.93	292.21	
75	209.62	223.36	
80	171.23	183.77	
85	155.57	167.72	
90	150.78	162.82	
95	147.34	159.32	
100	142.74	154.63	
105	140.57	152.42	
110	147.58	159.56	
115	168.30	180.76	
120	201.44	214.90	
125	242.09	257.03	
130	285.16	301.83	
135	326.52	344.95	
140	363.06	383.11	
145	392.46	413.83	
150	413.08	435.40	
155	423.83	446.65	
160	424.13	446.95	
165	413.83	436.19	
170	393.26	414.67	
175	363.17	383.22	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	324.74	343.09	
185	279.65	296.09	
190	230.02	244.49	
195	178.43	191.18	
200	127.94	139.62	
205	82.09	94.22	
210	45.43	61.01	
215	25.49	46.51	
220	25.13	46.29	
225	28.83	48.61	
230	40.88	57.35	
235	76.79	89.15	
240	137.38	149.18	
245	219.73	233.83	
250	321.22	339.42	
255	438.87	462.38	
260	569.14	598.81	
265	708.05	744.43	
270	851.43	894.81	
275	995.17	1045.62	
280	1135.45	1192.83	
285	1268.96	1332.95	
290	1393.01	1463.16	
295	1505.63	1581.37	
300	1605.52	1686.22	
305	1692.01	1777.02	
310	1764.97	1853.61	
315	1824.63	1916.24	
320	1871.50	1965.44	
325	1906.15	2001.82	
330	1929.17	2025.98	
335	1941.00	2038.40	
340	1941.90	2039.35	
345	1931.92	2028.87	
350	1910.83	2006.73	
355	1878.24	1972.52	

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