

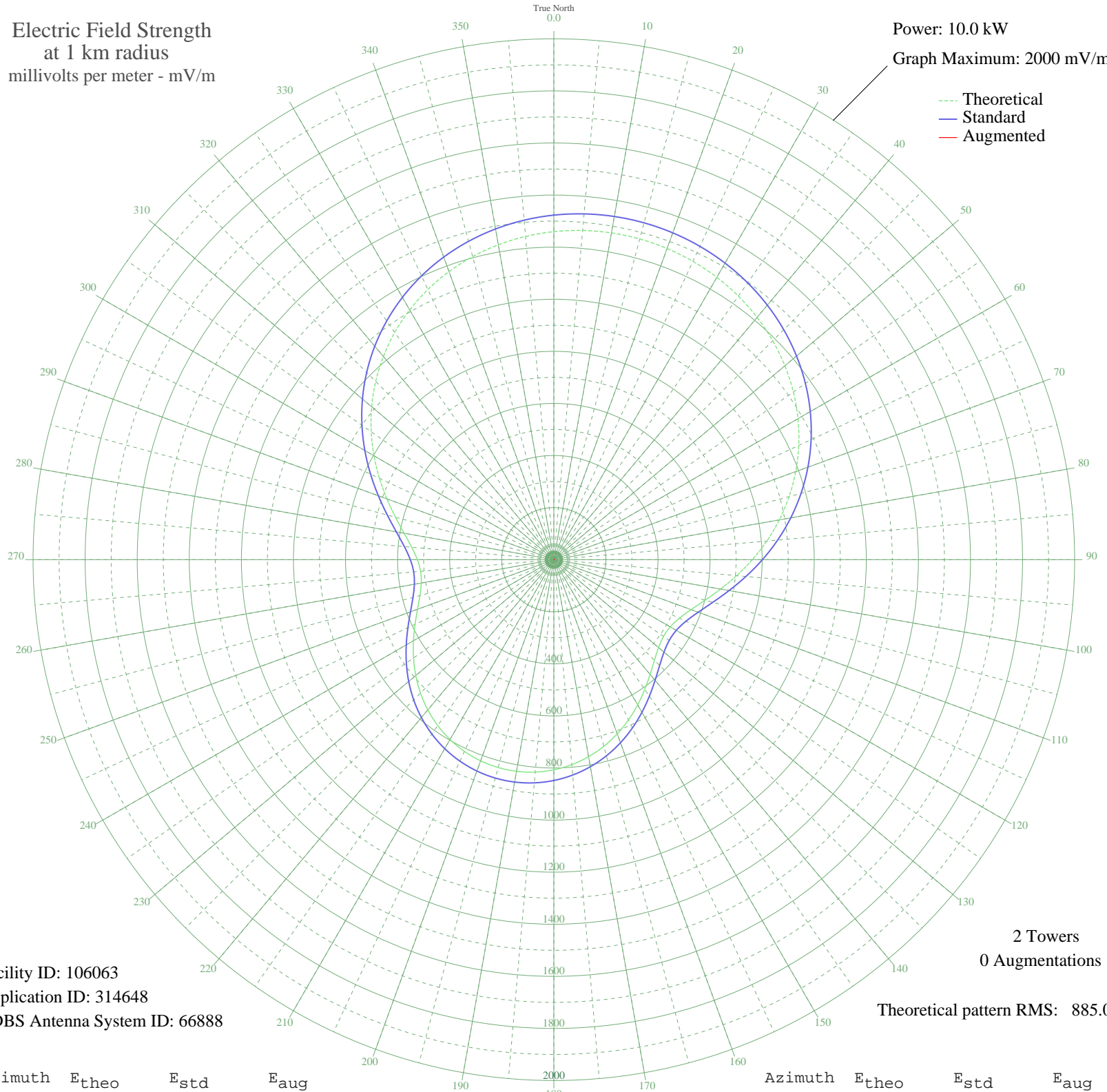
CJOK FORT MCMURRAY, AB Canada -- 550 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 106063
Application ID: 314648
CDBS Antenna System ID: 66888

2 Towers
0 Augmentations

Theoretical pattern RMS: 885.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1259.56	1322.96	
5	1268.90	1332.76	
10	1273.96	1338.07	
15	1274.80	1338.95	
20	1271.43	1335.42	
25	1263.82	1327.42	
30	1251.87	1314.88	
35	1235.47	1297.66	
40	1214.48	1275.64	
45	1188.77	1248.65	
50	1158.24	1216.61	
55	1122.83	1179.44	
60	1082.60	1137.21	
65	1037.69	1090.08	
70	988.44	1038.39	
75	935.37	982.70	
80	879.23	923.79	
85	821.07	862.76	
90	762.25	801.05	
95	704.52	740.49	
100	650.01	683.32	
105	601.25	632.19	
110	561.03	590.02	
115	532.01	559.59	
120	516.17	542.99	
125	514.15	540.88	
130	524.98	552.23	
135	546.31	574.59	
140	575.14	604.81	
145	608.47	639.76	
150	643.67	676.67	
155	678.65	713.36	
160	711.80	748.13	
165	741.94	779.74	
170	768.21	807.31	
175	790.02	830.19	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	806.95	847.95	
185	818.74	860.31	
190	825.21	867.11	
195	826.29	868.24	
200	821.97	863.71	
205	812.29	853.55	
210	797.39	837.92	
215	777.50	817.05	
220	752.95	791.30	
225	724.27	761.21	
230	692.21	727.57	
235	657.79	691.48	
240	622.45	654.42	
245	588.09	618.39	
250	557.12	585.92	
255	532.41	560.02	
260	517.05	543.92	
265	513.72	540.43	
270	524.02	551.22	
275	547.94	576.30	
280	583.98	614.08	
285	629.66	661.98	
290	682.19	717.07	
295	738.92	776.57	
300	797.53	838.07	
305	856.14	899.56	
310	913.23	959.46	
315	967.63	1016.56	
320	1018.49	1069.93	
325	1065.18	1118.93	
330	1107.31	1163.15	
335	1144.66	1202.35	
340	1177.14	1236.45	
345	1204.77	1265.44	
350	1227.63	1289.44	
355	1245.85	1308.56	

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