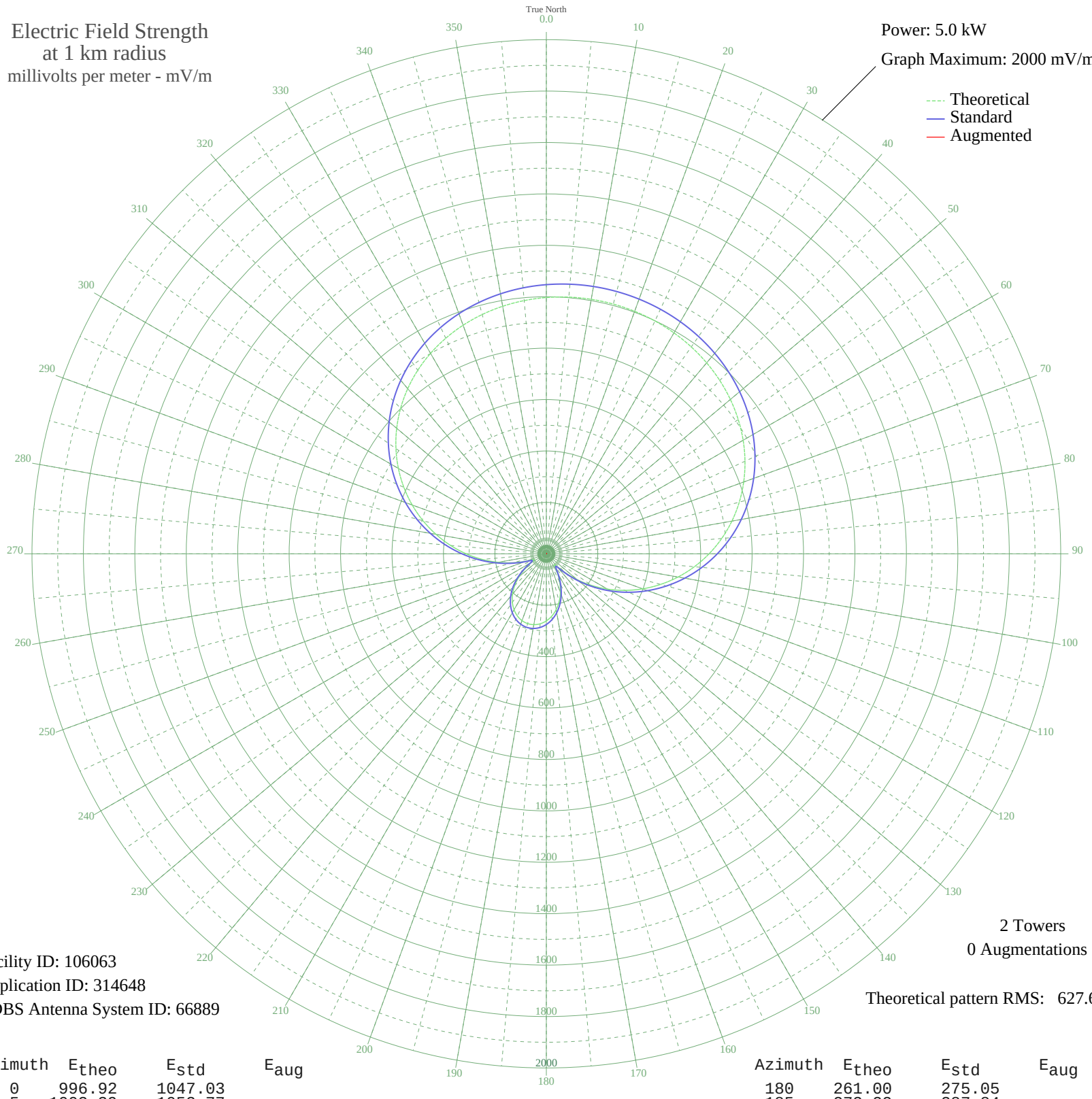
CJOK FORT MCMURRAY, AB Canada -- 550 kHz

Nighttime

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



Power: 5.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 106063
Application ID: 314648
CDBS Antenna System ID: 66889

Theoretical pattern RMS: 627.64

Azimuth	E_{theo}	E_{std}	E_{aug}
0	996.92	1047.03	
5	1002.39	1052.77	
10	1005.33	1055.86	
15	1005.82	1056.37	
20	1003.86	1054.32	
25	999.42	1049.65	
30	992.37	1042.25	
35	982.54	1031.94	
40	969.72	1018.48	
45	953.67	1001.63	
50	934.13	981.12	
55	910.85	956.68	
60	883.61	928.09	
65	852.23	895.15	
70	816.61	857.76	
75	776.72	815.90	
80	732.65	769.64	
85	684.57	719.19	
90	632.80	664.85	
95	577.74	607.08	
100	519.91	546.41	
105	459.94	483.51	
110	398.54	419.13	
115	336.49	354.09	
120	274.66	289.35	
125	214.05	225.98	
130	155.95	165.43	
135	102.72	110.38	
140	61.59	68.80	
145	55.56	62.89	
150	85.40	92.69	
155	123.20	131.47	
160	159.62	169.24	
165	192.30	203.27	
170	220.34	232.55	
175	243.32	256.56	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	261.00	275.05	
185	273.22	287.84	
190	279.91	294.84	
195	281.03	296.01	
200	276.56	291.34	
205	266.54	280.86	
210	251.04	264.63	
215	230.16	242.80	
220	204.10	215.59	
225	173.21	183.37	
230	138.12	146.92	
235	100.38	107.98	
240	65.17	72.35	
245	53.34	60.73	
250	84.00	91.27	
255	133.87	142.51	
260	190.42	201.31	
265	250.21	263.77	
270	311.68	328.11	
275	373.75	393.14	
280	435.51	457.89	
285	496.15	521.48	
290	554.91	583.13	
295	611.14	642.13	
300	664.29	697.90	
305	713.89	749.95	
310	759.59	797.91	
315	801.16	841.55	
320	838.49	880.73	
325	871.56	915.44	
330	900.44	945.75	
335	925.28	971.83	
340	946.29	993.88	
345	963.71	1012.16	
350	977.79	1026.95	
355	988.78	1038.49	

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.

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Federal Communications Commission