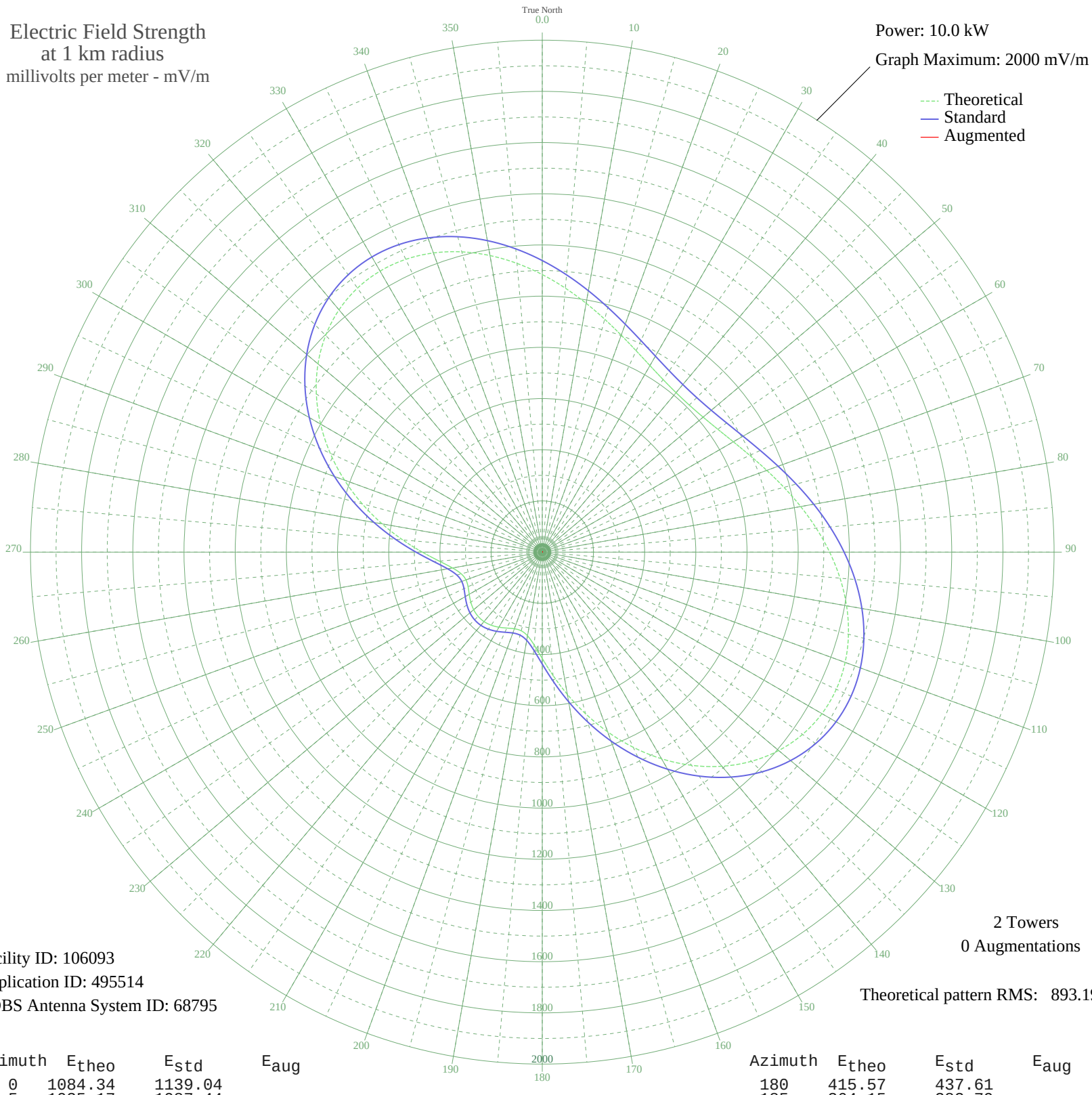
CFAR FLIN FLON, MB Canada -- 590 kHz

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

2 Towers
0 Augmentations

Facility ID: 106093
Application ID: 495514
CDBS Antenna System ID: 68795

Theoretical pattern RMS: 893.19

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1084.34	1139.04	
5	1035.17	1087.44	
10	987.06	1036.95	
15	942.06	989.72	
20	901.90	947.58	
25	868.01	912.02	
30	841.48	884.18	
35	823.08	864.87	
40	813.31	854.62	
45	812.41	853.68	
50	820.42	862.08	
55	837.13	879.61	
60	862.09	905.80	
65	894.58	939.90	
70	933.59	980.83	
75	977.75	1027.18	
80	1025.40	1077.18	
85	1074.53	1128.74	
90	1122.88	1179.49	
95	1168.03	1226.88	
100	1207.45	1268.26	
105	1238.67	1301.03	
110	1259.40	1322.79	
115	1267.69	1331.49	
120	1262.04	1325.56	
125	1241.55	1304.05	
130	1205.96	1266.70	
135	1155.75	1213.99	
140	1092.06	1147.14	
145	1016.72	1068.08	
150	932.14	979.31	
155	841.21	883.89	
160	747.18	785.24	
165	653.64	687.13	
170	564.44	593.59	
175	483.66	508.93	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	415.57	437.61	
185	364.15	383.79	
190	331.88	350.05	
195	318.12	335.68	
200	318.65	336.23	
205	327.37	345.34	
210	338.66	357.14	
215	348.41	367.34	
220	354.16	373.35	
225	354.70	373.92	
230	349.94	368.93	
235	340.83	359.41	
240	329.58	347.65	
245	319.94	337.57	
250	317.27	334.79	
255	327.74	345.72	
260	356.13	375.40	
265	403.84	425.33	
270	468.89	493.45	
275	547.47	575.81	
280	635.33	667.92	
285	728.32	765.45	
290	822.54	864.30	
295	914.37	960.66	
300	1000.46	1051.01	
305	1077.86	1132.23	
310	1144.04	1201.70	
315	1197.06	1257.36	
320	1235.64	1297.84	
325	1259.15	1322.52	
330	1267.71	1331.51	
335	1262.11	1325.63	
340	1243.72	1306.33	
345	1214.43	1275.58	
350	1176.45	1235.72	
355	1132.25	1189.33	

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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Prepared by Audio Division, Media Bureau
Federal Communications Commission