

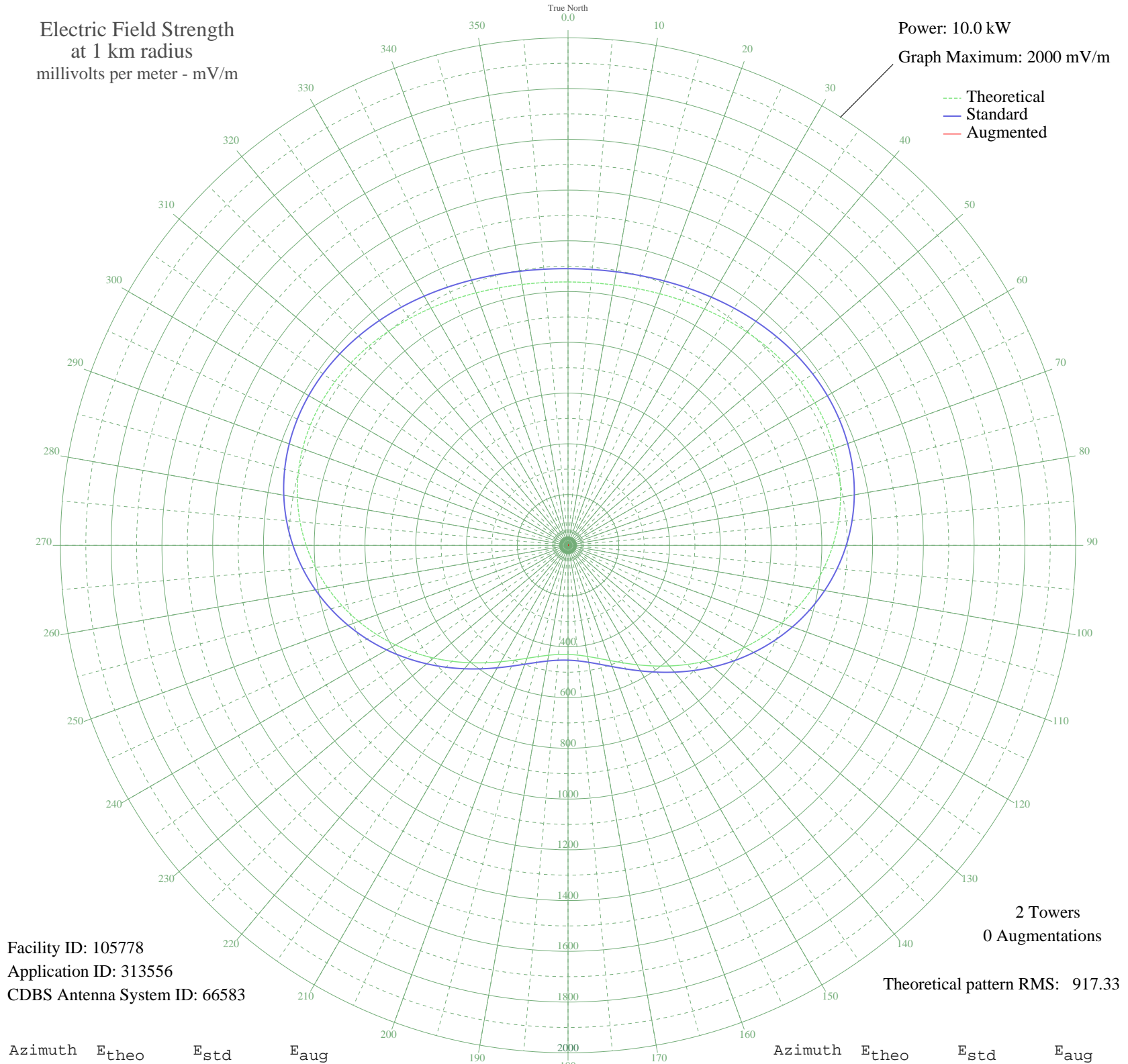
CJCY MEDICINE HAT, AB Canada -- 1390 kHz

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: 105778
Application ID: 313556
CDBS Antenna System ID: 66583

2 Towers
0 Augmentations

Theoretical pattern RMS: 917.33

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1037.86	1090.26	
5	1038.63	1091.07	
10	1041.92	1094.52	
15	1047.56	1100.43	
20	1055.25	1108.51	
25	1064.59	1118.31	
30	1075.05	1129.29	
35	1086.02	1140.80	
40	1096.81	1152.13	
45	1106.69	1162.50	
50	1114.89	1171.11	
55	1120.65	1177.15	
60	1123.24	1179.87	
65	1122.00	1178.57	
70	1116.37	1172.66	
75	1105.92	1161.69	
80	1090.36	1145.36	
85	1069.57	1123.54	
90	1043.60	1096.29	
95	1012.71	1063.87	
100	977.30	1026.71	
105	937.94	985.40	
110	895.34	940.69	
115	850.31	893.44	
120	803.72	844.56	
125	756.53	795.05	
130	709.67	745.90	
135	664.08	698.07	
140	620.62	652.50	
145	580.13	610.04	
150	543.35	571.48	
155	510.92	537.50	
160	483.40	508.66	
165	461.25	485.45	
170	444.81	468.22	
175	434.34	457.26	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	430.00	452.72	
185	431.86	454.67	
190	439.89	463.08	
195	453.97	477.82	
200	473.88	498.68	
205	499.30	525.31	
210	529.82	557.31	
215	564.94	594.11	
220	604.03	635.10	
225	646.39	679.52	
230	691.23	726.55	
235	737.70	775.29	
240	784.87	824.78	
245	831.81	874.03	
250	877.57	922.05	
255	921.25	967.88	
260	962.00	1010.64	
265	999.06	1049.54	
270	1031.82	1083.92	
275	1059.79	1113.28	
280	1082.67	1137.29	
285	1100.32	1155.81	
290	1112.79	1168.90	
295	1120.31	1176.79	
300	1123.24	1179.87	
305	1122.10	1178.68	
310	1117.53	1173.87	
315	1110.21	1166.20	
320	1100.92	1156.44	
325	1090.40	1145.40	
330	1079.41	1133.87	
335	1068.67	1122.59	
340	1058.81	1112.25	
345	1050.41	1103.43	
350	1043.90	1096.60	
355	1039.65	1092.14	