CFVM AMQUI, QC Canada -- 1220 kHz

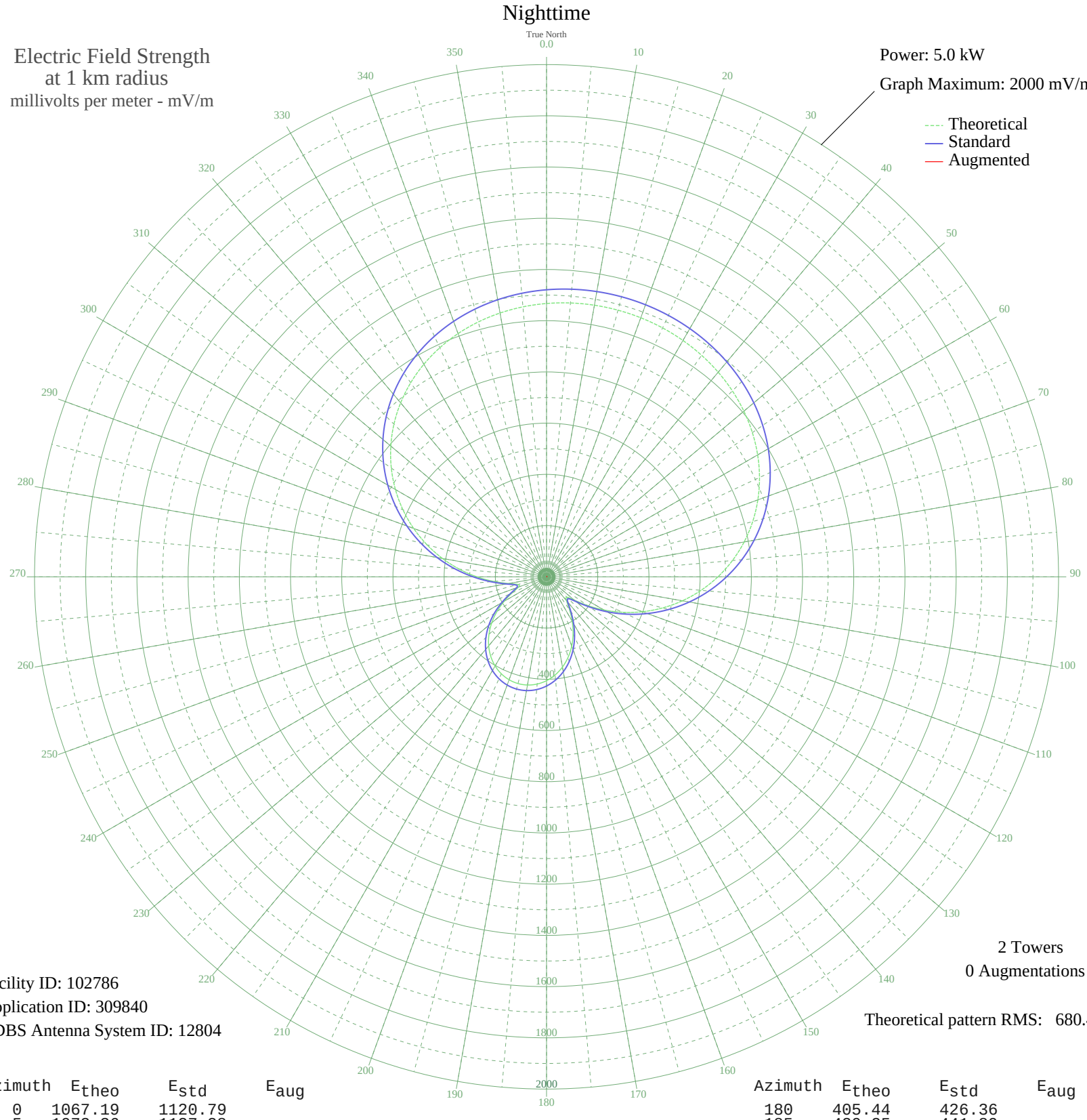
Nighttime

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: 102786
Application ID: 309840
CDBS Antenna System ID: 12804

Theoretical pattern RMS: 680.43

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1067.19	1120.79	
5	1073.36	1127.28	
10	1076.89	1130.97	
15	1077.88	1132.02	
20	1076.39	1130.45	
25	1072.35	1126.21	
30	1065.61	1119.14	
35	1055.96	1109.00	
40	1043.08	1095.48	
45	1026.63	1078.22	
50	1006.24	1056.81	
55	981.53	1030.88	
60	952.16	1000.04	
65	917.84	964.02	
70	878.37	922.58	
75	833.66	875.65	
80	783.76	823.28	
85	728.87	765.67	
90	669.36	703.22	
95	605.77	636.49	
100	538.80	566.23	
105	469.36	493.39	
110	398.54	419.12	
115	327.69	344.88	
120	258.70	272.65	
125	194.57	205.64	
130	141.39	150.30	
135	112.32	120.25	
140	120.69	128.89	
145	155.98	165.45	
150	200.42	211.74	
155	245.42	258.76	
160	287.56	302.85	
165	325.27	342.34	
170	357.75	376.37	
175	384.56	404.47	

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.

3 Feb 2017

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	405.44	426.36	
185	420.25	441.89	
190	428.92	450.97	
195	431.39	453.57	
200	427.68	449.67	
205	417.78	439.30	
210	401.74	422.48	
215	379.66	399.34	
220	351.69	370.02	
225	318.12	334.86	
230	279.45	294.36	
235	236.58	249.52	
240	191.31	202.25	
245	147.76	156.92	
250	116.19	124.24	
255	115.33	123.36	
260	150.64	159.91	
265	206.78	218.39	
270	272.23	286.81	
275	341.78	359.64	
280	412.75	434.02	
285	483.40	508.11	
290	552.43	580.52	
295	618.78	650.15	
300	681.61	716.07	
305	740.23	777.60	
310	794.14	834.18	
315	843.02	885.48	
320	886.68	931.31	
325	925.11	971.65	
330	958.42	1006.62	
335	986.84	1036.44	
340	1010.65	1061.44	
345	1030.22	1081.99	
350	1045.93	1098.48	
355	1058.14	1111.29	