

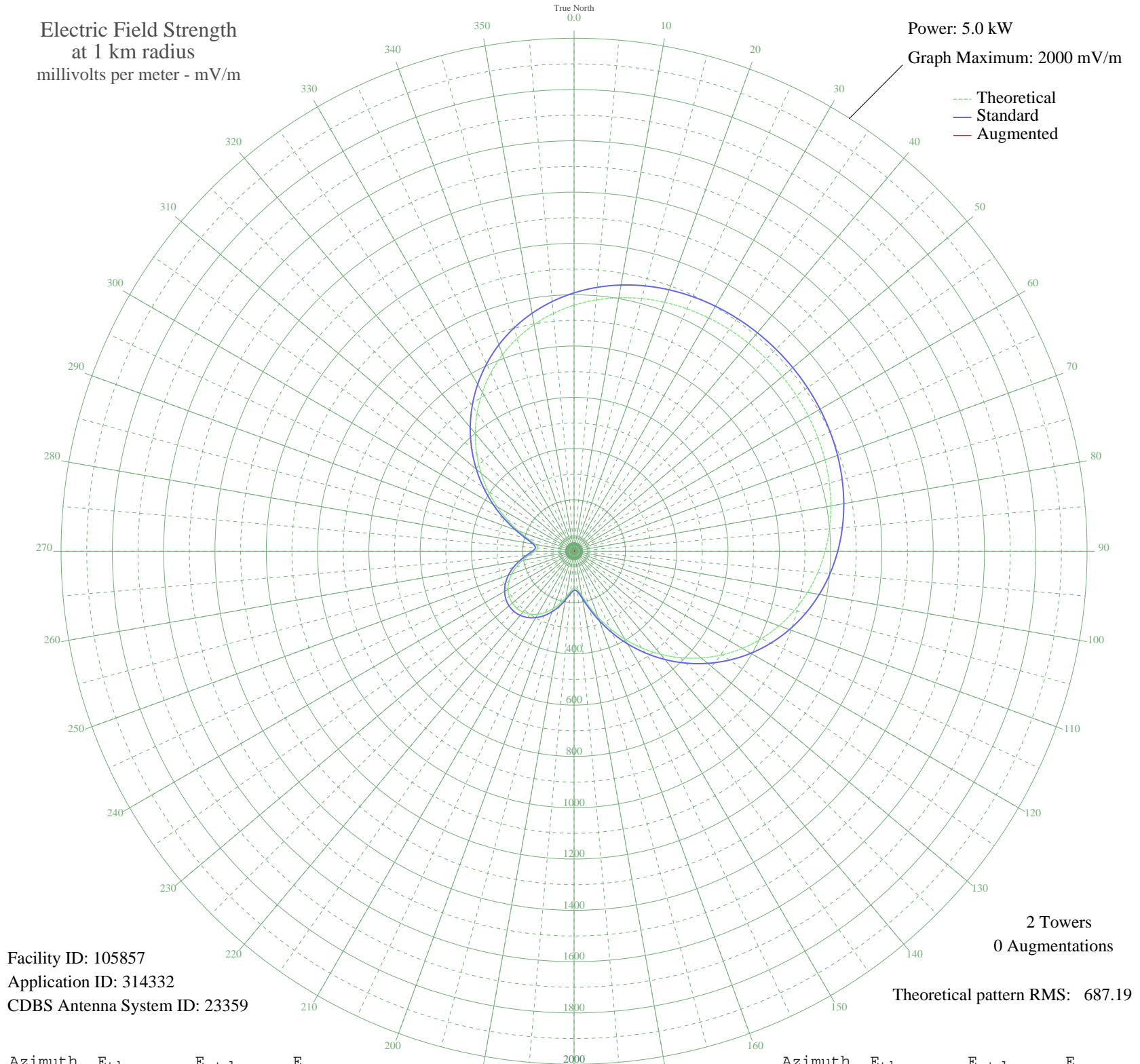
CKTA TABER, AB Canada -- 1570 kHz

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



Facility ID: 105857
Application ID: 314332
CDBS Antenna System ID: 23359

2 Towers
0 Augmentations

Theoretical pattern RMS: 687.19

Azimuth	E _{theo}	E _{std}	E _{aug}
0	959.08	1007.30	
5	983.28	1032.71	
10	1003.33	1053.76	
15	1019.63	1070.87	
20	1032.57	1084.46	
25	1042.59	1094.97	
30	1050.05	1102.80	
35	1055.29	1108.30	
40	1058.58	1111.76	
45	1060.10	1113.35	
50	1059.93	1113.17	
55	1058.07	1111.22	
60	1054.40	1107.37	
65	1048.74	1101.43	
70	1040.80	1093.09	
75	1030.23	1082.00	
80	1016.65	1067.74	
85	999.64	1049.88	
90	978.78	1027.99	
95	953.71	1001.67	
100	924.10	970.58	
105	889.71	934.50	
110	850.45	893.28	
115	806.32	846.96	
120	757.49	795.71	
125	704.30	739.89	
130	647.26	680.02	
135	587.01	616.81	
140	524.41	551.13	
145	460.45	484.04	
150	396.33	416.81	
155	333.52	350.98	
160	273.89	288.54	
165	220.16	232.35	
170	176.50	186.80	
175	149.05	158.25	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	143.14	152.12	
185	156.79	166.29	
190	181.61	192.13	
195	210.15	221.91	
200	238.05	251.05	
205	262.98	277.13	
210	283.70	298.81	
215	299.53	315.38	
220	310.06	326.41	
225	315.09	331.68	
230	314.53	331.09	
235	308.39	324.66	
240	296.78	312.50	
245	279.94	294.87	
250	258.30	272.23	
255	232.65	245.41	
260	204.40	215.90	
265	176.16	186.45	
270	152.87	162.22	
275	142.56	151.52	
280	152.92	162.28	
285	184.15	194.78	
290	230.26	242.91	
295	285.45	300.64	
300	345.89	363.95	
305	409.10	430.20	
310	473.30	497.52	
315	537.07	564.42	
320	599.28	629.68	
325	658.95	692.29	
330	715.27	751.40	
335	767.62	806.34	
340	815.53	856.63	
345	858.69	901.93	
350	896.98	942.12	
355	930.39	977.20	