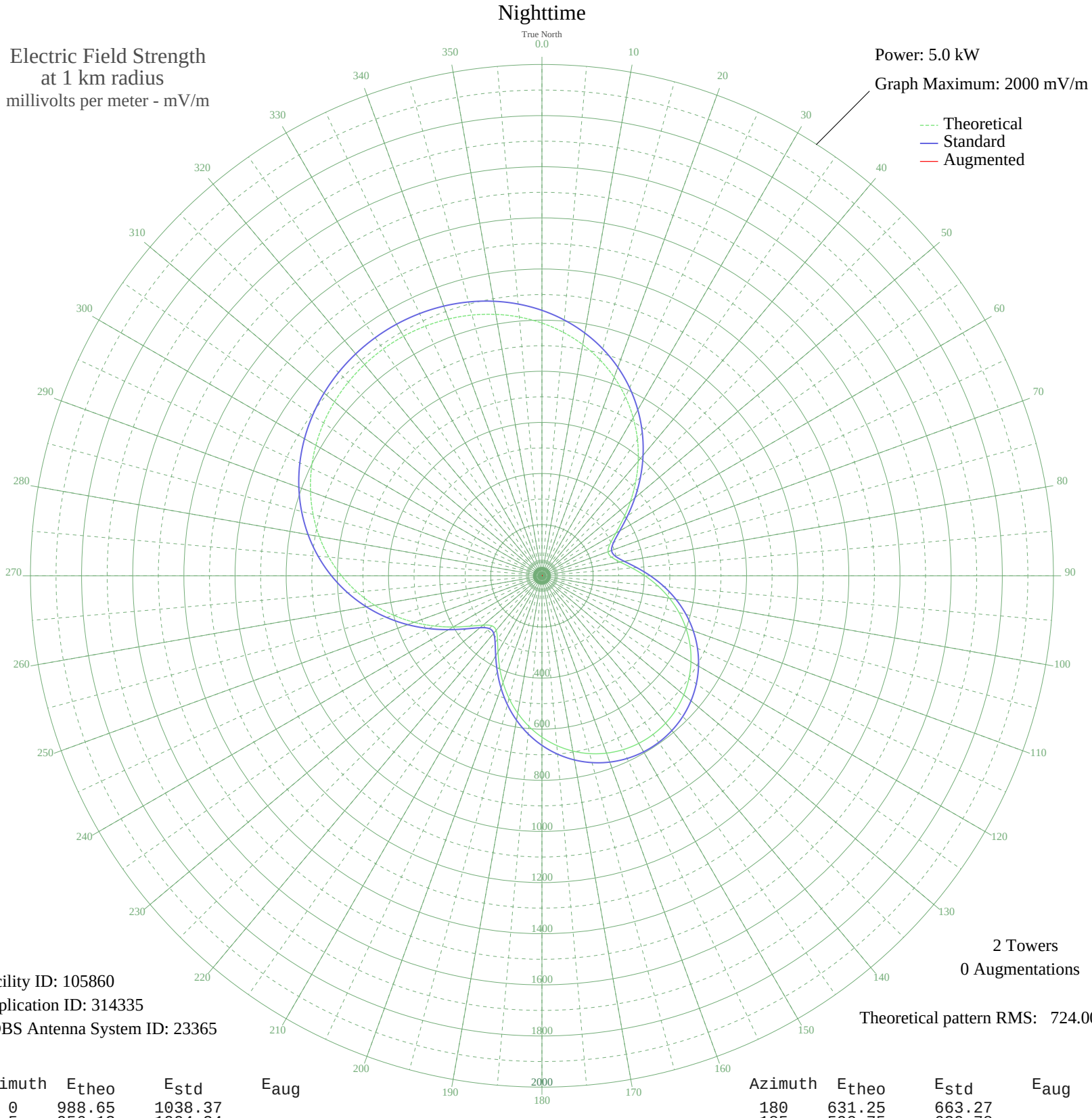
CFOR ORILLIA, ON Canada -- 1570 kHz

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

2 Towers
0 Augmentations

Theoretical pattern RMS: 724.00

Facility ID: 105860
Application ID: 314335
CDBS Antenna System ID: 23365

Azimuth	E_{theo}	E_{std}	E_{aug}
0	988.65	1038.37	
5	956.13	1004.24	
10	918.24	964.47	
15	874.92	918.99	
20	826.20	867.86	
25	772.32	811.31	
30	713.70	749.79	
35	651.04	684.03	
40	585.35	615.11	
45	518.12	544.58	
50	451.46	474.66	
55	388.45	408.61	
60	333.68	351.22	
65	293.53	309.18	
70	275.04	289.83	
75	281.74	296.84	
80	310.25	326.68	
85	353.02	371.48	
90	402.97	423.83	
95	455.17	478.55	
100	506.46	532.35	
105	554.90	583.17	
110	599.25	629.69	
115	638.73	671.12	
120	672.88	706.95	
125	701.41	736.88	
130	724.18	760.78	
135	741.12	778.56	
140	752.22	790.22	
145	757.48	795.73	
150	756.90	795.12	
155	750.47	788.38	
160	738.20	775.50	
165	720.09	756.49	
170	696.16	731.38	
175	666.49	700.24	

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.

02 Nov 2005

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	631.25	663.27	
185	590.75	620.78	
190	545.51	573.31	
195	496.38	521.78	
200	444.72	467.60	
205	392.67	413.04	
210	343.69	361.71	
215	303.15	319.25	
220	278.45	293.40	
225	276.74	291.61	
230	300.04	315.99	
235	343.69	361.71	
240	400.56	421.31	
245	464.61	488.46	
250	531.60	558.72	
255	598.67	629.08	
260	663.85	697.48	
265	725.78	762.46	
270	783.49	823.03	
275	836.37	878.53	
280	884.02	928.54	
285	926.26	972.88	
290	963.06	1011.51	
295	994.52	1044.54	
300	1020.82	1072.14	
305	1042.17	1094.55	
310	1058.81	1112.02	
315	1070.96	1124.78	
320	1078.82	1133.03	
325	1082.51	1136.90	
330	1082.10	1136.47	
335	1077.58	1131.73	
340	1068.88	1122.59	
345	1055.84	1108.91	
350	1038.28	1090.47	
355	1015.96	1067.04	