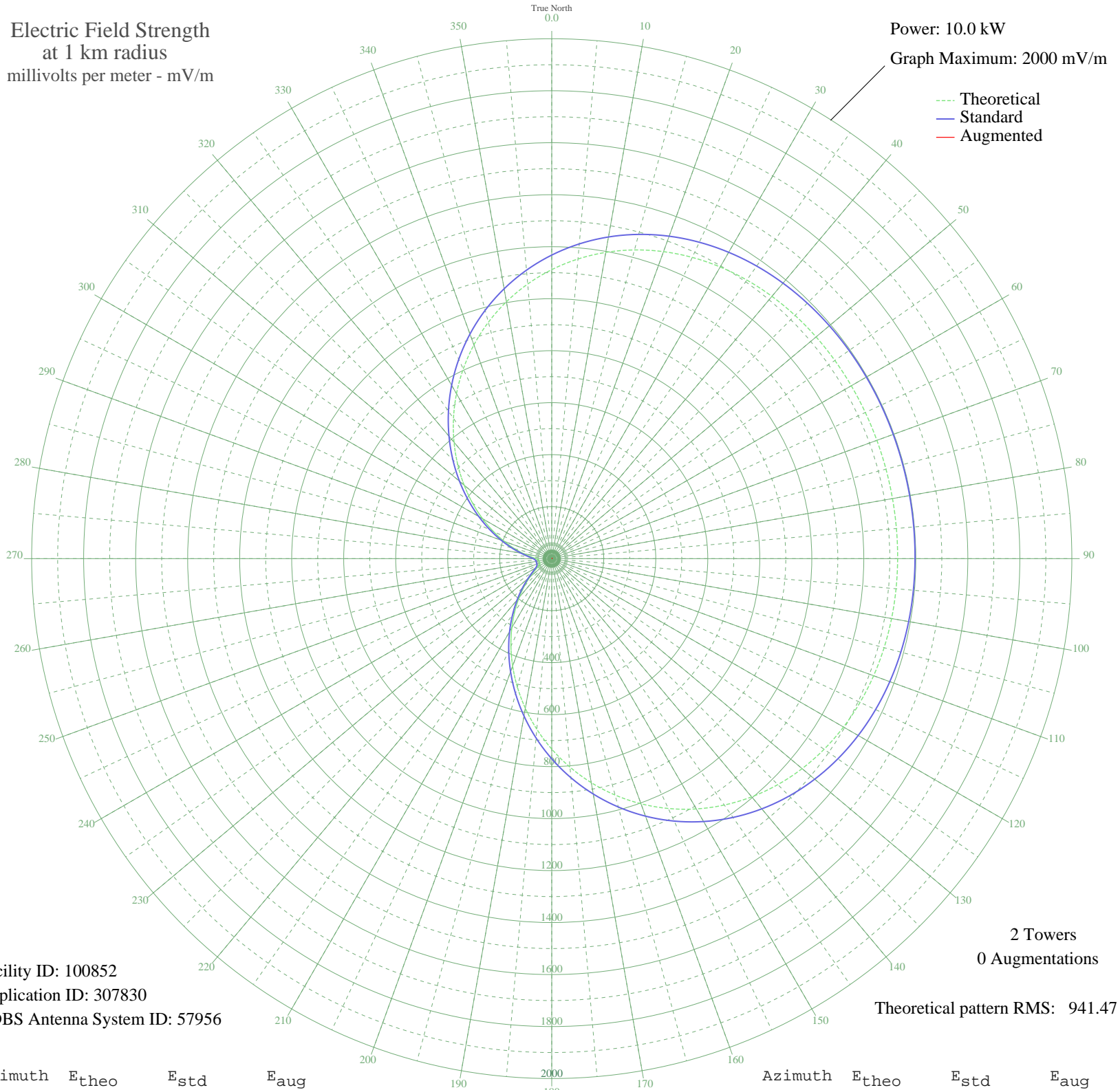


# CBI SYDNEY, NS Canada -- 1140 kHz

Nighttime

Electric Field Strength  
at 1 km radius  
millivolts per meter - mV/m

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 100852  
Application ID: 307830  
CDBS Antenna System ID: 57956

2 Towers  
0 Augmentations

Theoretical pattern RMS: 941.47

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1111.73	1167.79	
5	1157.06	1215.37	
10	1196.27	1256.52	
15	1229.42	1291.32	
20	1256.74	1319.99	
25	1278.61	1342.95	
30	1295.56	1360.74	
35	1308.19	1374.00	
40	1317.18	1383.44	
45	1323.21	1389.77	
50	1326.97	1393.71	
55	1329.07	1395.92	
60	1330.09	1396.99	
65	1330.47	1397.39	
70	1330.56	1397.48	
75	1330.56	1397.48	
80	1330.56	1397.48	
85	1330.47	1397.39	
90	1330.09	1396.99	
95	1329.07	1395.92	
100	1326.97	1393.71	
105	1323.21	1389.77	
110	1317.18	1383.44	
115	1308.19	1374.00	
120	1295.56	1360.74	
125	1278.61	1342.95	
130	1256.74	1319.99	
135	1229.42	1291.32	
140	1196.27	1256.52	
145	1157.06	1215.37	
150	1111.73	1167.79	
155	1060.43	1113.95	
160	1003.50	1054.20	
165	941.47	989.10	
170	875.05	919.40	
175	805.12	846.02	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	732.65	770.00	
185	658.75	692.48	
190	584.52	614.65	
195	511.14	537.72	
200	439.71	462.89	
205	371.33	391.31	
210	307.02	324.07	
215	247.72	262.21	
220	194.34	206.74	
225	147.78	158.68	
230	109.05	119.22	
235	79.37	89.71	
240	60.01	71.23	
245	50.87	62.89	
250	48.49	60.79	
255	48.33	60.64	
260	48.49	60.79	
265	50.87	62.89	
270	60.02	71.23	
275	79.37	89.71	
280	109.05	119.22	
285	147.78	158.68	
290	194.34	206.74	
295	247.72	262.21	
300	307.02	324.07	
305	371.33	391.31	
310	439.71	462.89	
315	511.14	537.72	
320	584.52	614.65	
325	658.75	692.48	
330	732.65	770.00	
335	805.12	846.02	
340	875.05	919.41	
345	941.47	989.10	
350	1003.50	1054.20	
355	1060.43	1113.95	