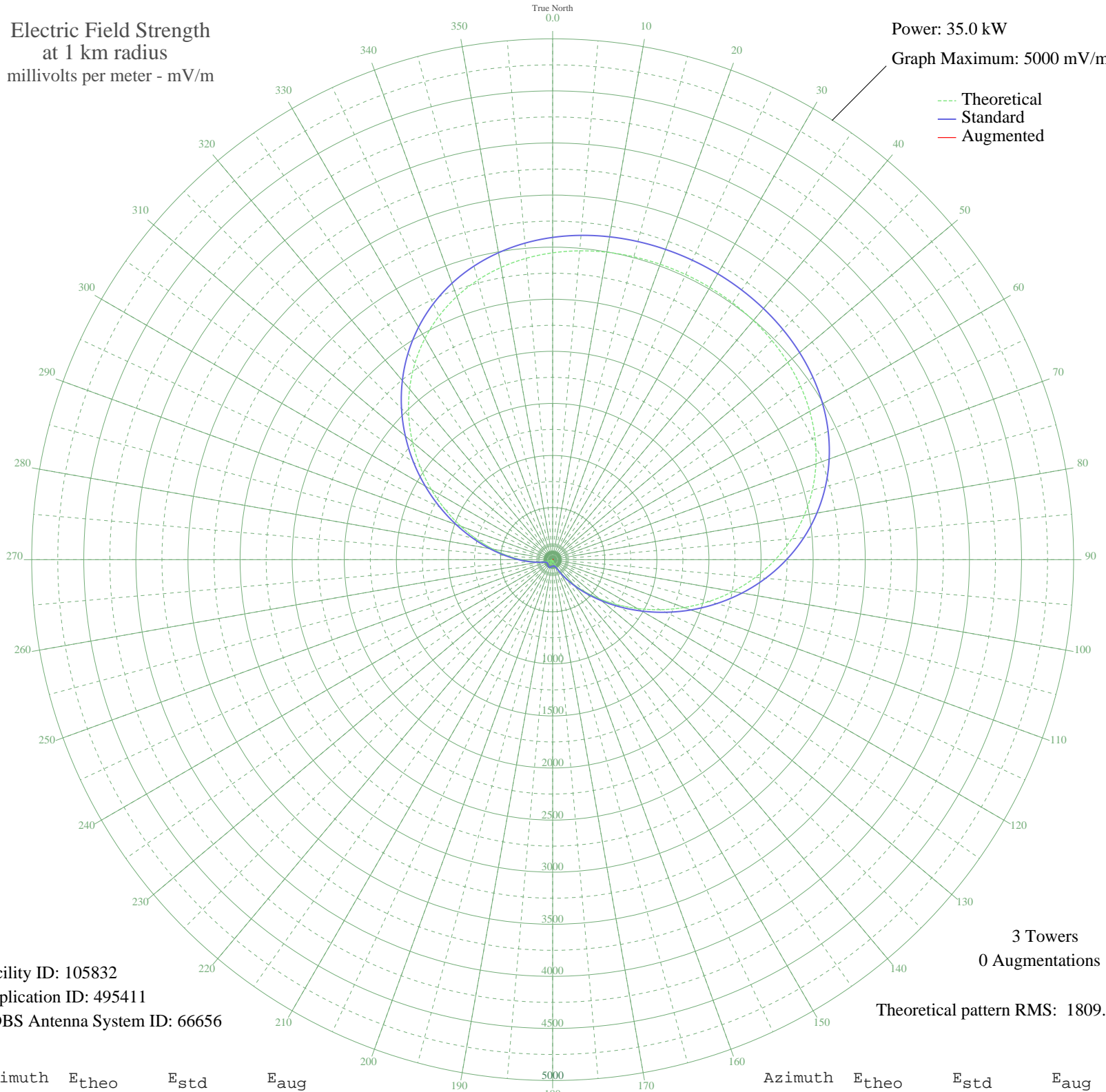


# CHRD DRUMMONDVILLE, QC Canada -- 1480 kHz

Nighttime

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

Power: 35.0 kW  
Graph Maximum: 5000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 105832  
Application ID: 495411  
CDBS Antenna System ID: 66656

3 Towers  
0 Augmentations

Theoretical pattern RMS: 1809.06

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2945.70	3093.61	
5	2975.81	3125.22	
10	2996.70	3147.15	
15	3010.20	3161.32	
20	3017.71	3169.21	
25	3020.12	3171.73	
30	3017.71	3169.21	
35	3010.20	3161.32	
40	2996.70	3147.15	
45	2975.81	3125.22	
50	2945.70	3093.61	
55	2904.21	3050.05	
60	2849.04	2992.13	
65	2777.94	2917.50	
70	2688.94	2824.07	
75	2580.57	2710.31	
80	2452.07	2575.42	
85	2303.62	2419.60	
90	2136.47	2244.15	
95	1952.97	2051.56	
100	1756.55	1845.42	
105	1551.59	1630.35	
110	1343.16	1411.69	
115	1136.71	1195.17	
120	937.72	986.56	
125	751.27	791.27	
130	581.76	614.00	
135	432.60	458.46	
140	306.01	327.26	
145	202.96	221.97	
150	123.17	143.48	
155	65.30	92.52	
160	27.06	68.31	
165	5.51	62.39	
170	2.69	62.18	
175	1.04	62.13	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	7.02	62.55	
185	18.34	65.04	
190	30.16	69.73	
195	40.26	75.14	
200	46.98	79.32	
205	49.33	80.88	
210	46.98	79.32	
215	40.26	75.14	
220	30.16	69.73	
225	18.34	65.04	
230	7.02	62.55	
235	1.04	62.13	
240	2.69	62.18	
245	5.51	62.39	
250	27.06	68.31	
255	65.30	92.52	
260	123.17	143.48	
265	202.96	221.97	
270	306.01	327.26	
275	432.61	458.46	
280	581.77	614.00	
285	751.27	791.28	
290	937.72	986.56	
295	1136.72	1195.17	
300	1343.16	1411.69	
305	1551.59	1630.35	
310	1756.55	1845.42	
315	1952.97	2051.56	
320	2136.47	2244.15	
325	2303.62	2419.60	
330	2452.07	2575.42	
335	2580.57	2710.31	
340	2688.95	2824.08	
345	2777.94	2917.50	
350	2849.04	2992.13	
355	2904.21	3050.05	

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