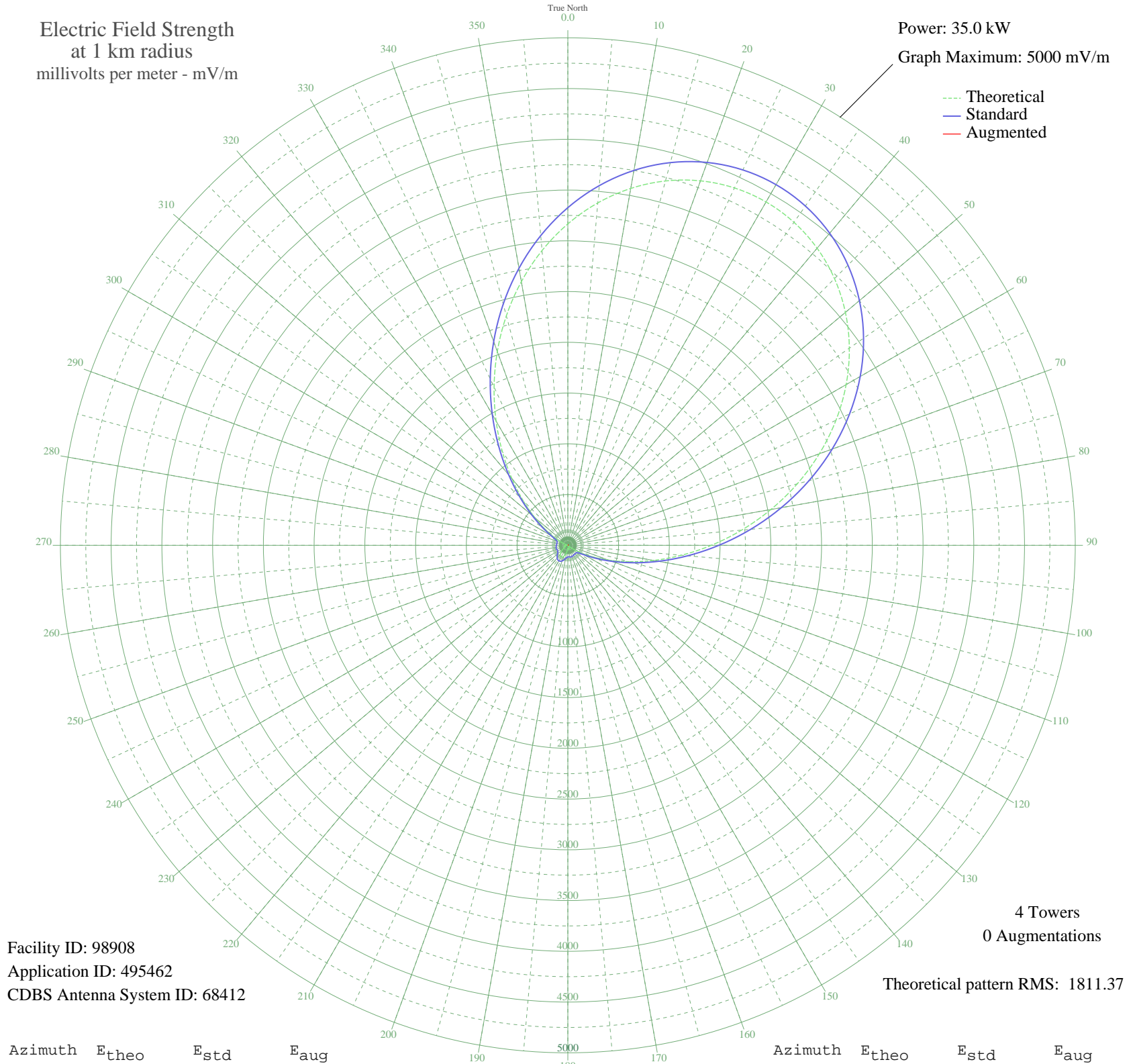


# CKVL VERDUN, QC Canada -- 850 kHz

Nighttime

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

Power: 35.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 98908  
Application ID: 495462  
CDBS Antenna System ID: 68412

4 Towers  
0 Augmentations

Theoretical pattern RMS: 1811.37

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3166.53	3326.68	
5	3386.25	3557.27	
10	3570.41	3750.55	
15	3716.10	3903.46	
20	3821.35	4013.93	
25	3884.93	4080.67	
30	3906.20	4102.99	
35	3884.93	4080.67	
40	3821.35	4013.93	
45	3716.10	3903.46	
50	3570.41	3750.55	
55	3386.25	3557.27	
60	3166.53	3326.68	
65	2915.25	3063.00	
70	2637.74	2771.82	
75	2340.58	2460.08	
80	2031.59	2136.01	
85	1719.55	1808.89	
90	1413.77	1488.54	
95	1123.53	1184.85	
100	857.45	907.05	
105	622.78	663.14	
110	424.78	459.43	
115	266.34	300.59	
120	147.69	190.25	
125	66.50	130.47	
130	18.22	111.85	
135	3.96	110.28	
140	6.35	110.41	
145	4.53	110.31	
150	18.34	111.88	
155	31.92	115.19	
160	40.53	118.14	
165	41.81	118.63	
170	35.66	116.39	
175	26.01	113.54	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	27.17	113.84	
185	46.13	120.38	
190	71.00	133.05	
195	95.04	148.67	
200	114.63	163.20	
205	127.36	173.29	
210	131.77	176.88	
215	127.36	173.29	
220	114.63	163.20	
225	95.04	148.67	
230	71.00	133.05	
235	46.13	120.38	
240	27.17	113.84	
245	26.01	113.54	
250	35.66	116.39	
255	41.81	118.63	
260	40.53	118.14	
265	31.92	115.19	
270	18.34	111.88	
275	4.53	110.31	
280	6.35	110.41	
285	3.96	110.28	
290	18.22	111.85	
295	66.50	130.47	
300	147.69	190.25	
305	266.34	300.59	
310	424.78	459.44	
315	622.78	663.14	
320	857.46	907.05	
325	1123.54	1184.85	
330	1413.77	1488.54	
335	1719.55	1808.89	
340	2031.59	2136.02	
345	2340.58	2460.08	
350	2637.74	2771.82	
355	2915.26	3063.00	

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