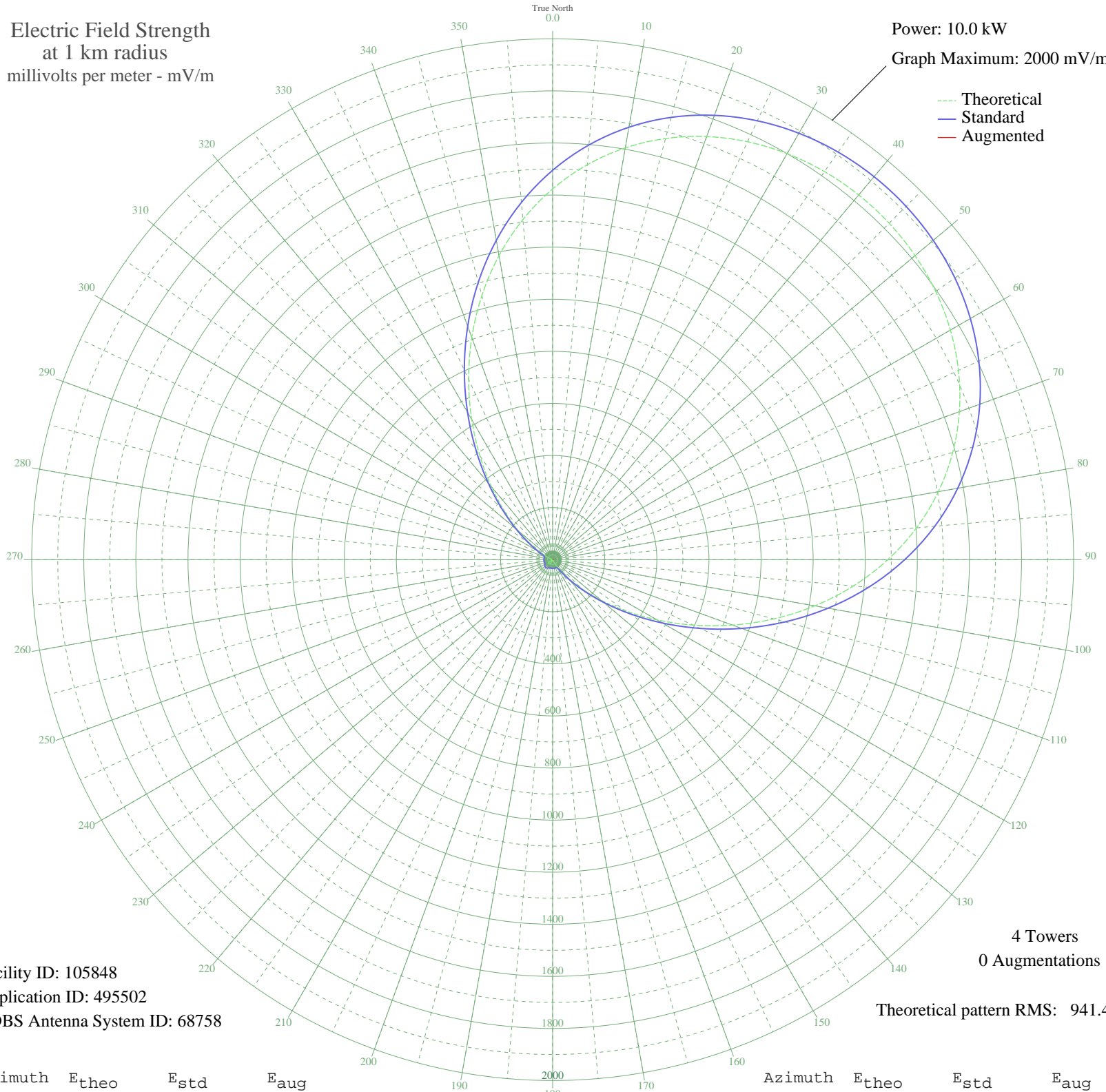


# CJRS SHERBROOKE, QC Canada -- 1510 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 105848  
Application ID: 495502  
CDBS Antenna System ID: 68758

4 Towers  
0 Augmentations

Theoretical pattern RMS: 941.47

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1423.66	1495.21	
5	1522.06	1598.51	
10	1605.53	1686.13	
15	1674.23	1758.26	
20	1728.90	1815.65	
25	1770.56	1859.38	
30	1800.34	1890.65	
35	1819.25	1910.50	
40	1828.03	1919.72	
45	1827.06	1918.70	
50	1816.30	1907.40	
55	1795.28	1885.34	
60	1763.21	1851.67	
65	1719.04	1805.30	
70	1661.64	1745.04	
75	1590.03	1669.86	
80	1503.57	1579.09	
85	1402.23	1472.72	
90	1286.81	1351.56	
95	1159.08	1217.49	
100	1021.83	1073.44	
105	878.83	923.36	
110	734.58	772.02	
115	594.02	624.61	
120	462.06	486.30	
125	343.10	361.78	
130	240.58	254.78	
135	156.68	167.83	
140	92.08	102.22	
145	46.00	58.61	
150	16.40	37.40	
155	0.29	33.21	
160	5.81	33.76	
165	5.45	33.69	
170	1.85	33.26	
175	2.38	33.30	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	5.41	33.69	
185	6.20	33.84	
190	4.50	33.54	
195	0.61	33.21	
200	4.74	33.57	
205	10.58	35.01	
210	15.94	37.18	
215	19.96	39.26	
220	22.01	40.45	
225	21.77	40.31	
230	19.30	38.90	
235	14.95	36.73	
240	9.42	34.65	
245	3.60	33.42	
250	1.53	33.24	
255	5.03	33.62	
260	6.25	33.85	
265	4.96	33.61	
270	1.59	33.25	
275	2.69	33.32	
280	5.87	33.77	
285	5.22	33.65	
290	2.60	33.32	
295	21.13	39.94	
300	53.82	65.54	
305	103.47	113.61	
310	171.92	183.54	
315	259.64	274.64	
320	365.67	385.38	
325	487.55	513.00	
330	621.60	653.53	
335	763.30	802.15	
340	907.68	953.64	
345	1049.88	1102.87	
350	1185.49	1245.21	
355	1310.95	1376.90	

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission