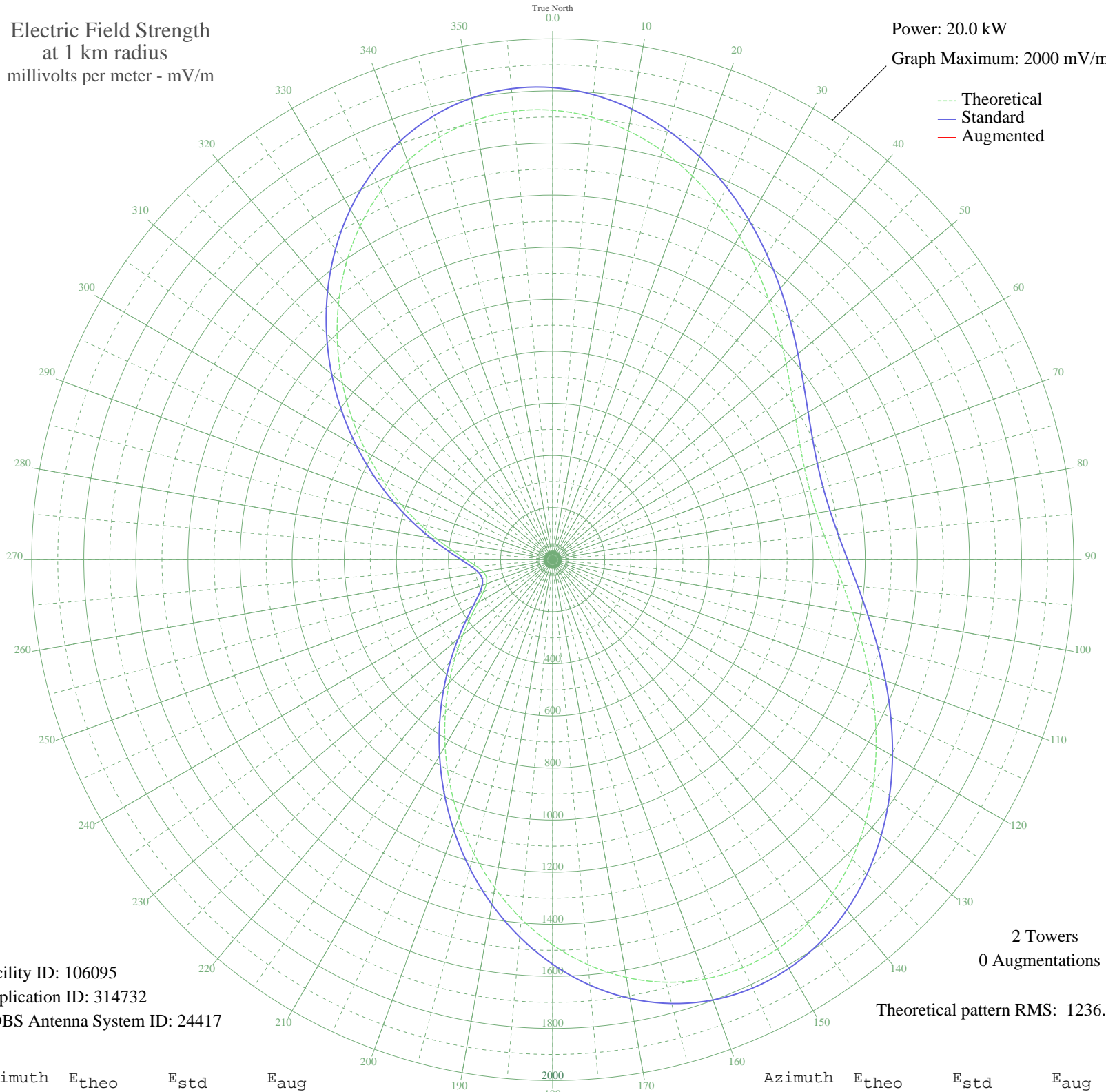


# VOCM ST. JOHN'S, NF Canada -- 590 kHz

Nighttime

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

Power: 20.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 106095  
Application ID: 314732  
CDBS Antenna System ID: 24417

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 1236.55

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1725.66	1812.55	
5	1706.39	1792.33	
10	1672.11	1756.34	
15	1625.01	1706.91	
20	1567.71	1646.76	
25	1503.05	1578.90	
30	1434.00	1506.43	
35	1363.49	1432.43	
40	1294.31	1359.84	
45	1229.04	1291.35	
50	1169.95	1229.34	
55	1118.97	1175.86	
60	1077.70	1132.55	
65	1047.35	1100.72	
70	1028.79	1081.25	
75	1022.55	1074.71	
80	1028.79	1081.25	
85	1047.35	1100.72	
90	1077.70	1132.55	
95	1118.97	1175.86	
100	1169.95	1229.34	
105	1229.04	1291.35	
110	1294.31	1359.84	
115	1363.49	1432.43	
120	1434.00	1506.43	
125	1503.05	1578.90	
130	1567.71	1646.76	
135	1625.01	1706.91	
140	1672.11	1756.34	
145	1706.39	1792.33	
150	1725.66	1812.55	
155	1728.22	1815.24	
160	1713.03	1799.29	
165	1679.74	1764.36	
170	1628.77	1710.85	
175	1561.21	1639.95	

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1478.86	1553.52	
185	1384.05	1454.01	
190	1279.52	1344.31	
195	1168.30	1227.61	
200	1053.54	1107.21	
205	938.34	986.38	
210	825.69	868.24	
215	718.28	755.66	
220	618.52	651.14	
225	528.45	556.85	
230	449.74	474.55	
235	383.73	405.65	
240	331.45	351.17	
245	293.61	311.85	
250	270.73	288.12	
255	263.07	280.18	
260	270.73	288.12	
265	293.61	311.85	
270	331.45	351.17	
275	383.73	405.65	
280	449.74	474.55	
285	528.45	556.85	
290	618.52	651.14	
295	718.28	755.66	
300	825.69	868.25	
305	938.35	986.38	
310	1053.54	1107.21	
315	1168.30	1227.61	
320	1279.52	1344.31	
325	1384.05	1454.01	
330	1478.87	1553.52	
335	1561.22	1639.95	
340	1628.77	1710.85	
345	1679.74	1764.36	
350	1713.03	1799.29	
355	1728.22	1815.24	