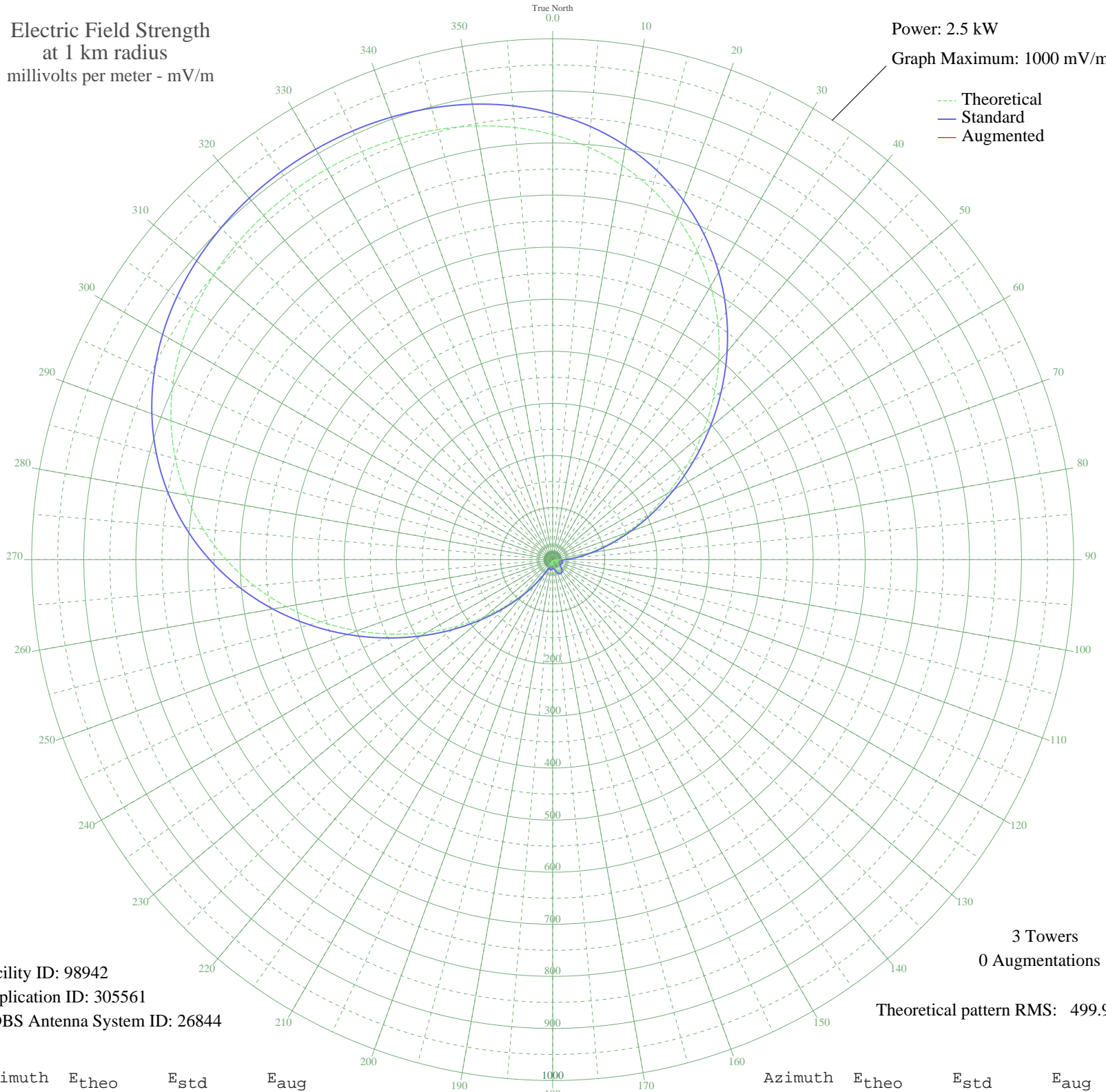


# NEW SWIFT CURRENT, SK Canada -- 890 kHz

Nighttime

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

Power: 2.5 kW  
Graph Maximum: 1000 mV/m



Facility ID: 98942  
Application ID: 305561  
CDBS Antenna System ID: 26844

3 Towers  
0 Augmentations

Theoretical pattern RMS: 499.99

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	816.08	857.05	
5	794.80	834.70	
10	768.40	806.99	
15	736.48	773.48	
20	698.83	733.96	
25	655.46	688.43	
30	606.69	637.25	
35	553.16	581.05	
40	495.80	520.85	
45	435.85	457.94	
50	374.76	393.85	
55	314.13	330.25	
60	255.58	268.87	
65	200.68	211.37	
70	150.79	159.19	
75	107.00	113.57	
80	70.08	75.43	
85	40.39	45.54	
90	17.93	25.10	
95	2.34	16.78	
100	7.03	18.17	
105	11.07	20.27	
110	10.82	20.12	
115	7.40	18.33	
120	1.90	16.72	
125	4.60	17.29	
130	11.18	20.33	
135	17.04	24.40	
140	21.53	28.05	
145	24.23	30.38	
150	24.86	30.94	
155	23.39	29.64	
160	19.93	26.71	
165	14.83	22.76	
170	8.60	18.90	
175	1.94	16.73	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	4.28	17.20	
185	9.08	19.14	
190	11.37	20.45	
195	10.03	19.66	
200	3.97	17.12	
205	7.79	18.51	
210	26.06	32.01	
215	51.39	56.45	
220	83.99	89.74	
225	123.73	130.97	
230	170.06	179.34	
235	222.11	233.81	
240	278.65	293.05	
245	338.22	355.52	
250	399.23	419.52	
255	460.05	483.34	
260	519.13	545.34	
265	575.09	604.07	
270	626.81	658.36	
275	673.48	707.35	
280	714.58	750.49	
285	749.93	787.60	
290	779.60	818.75	
295	803.90	844.26	
300	823.28	864.61	
305	838.31	880.38	
310	849.56	892.19	
315	857.57	900.61	
320	862.83	906.12	
325	865.68	909.11	
330	866.32	909.79	
335	864.81	908.20	
340	861.03	904.24	
345	854.72	897.61	
350	845.48	887.90	
355	832.79	874.58	

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.

15 Feb 2012

Prepared by Audio Division, Media Bureau  
Federal Communications Commission