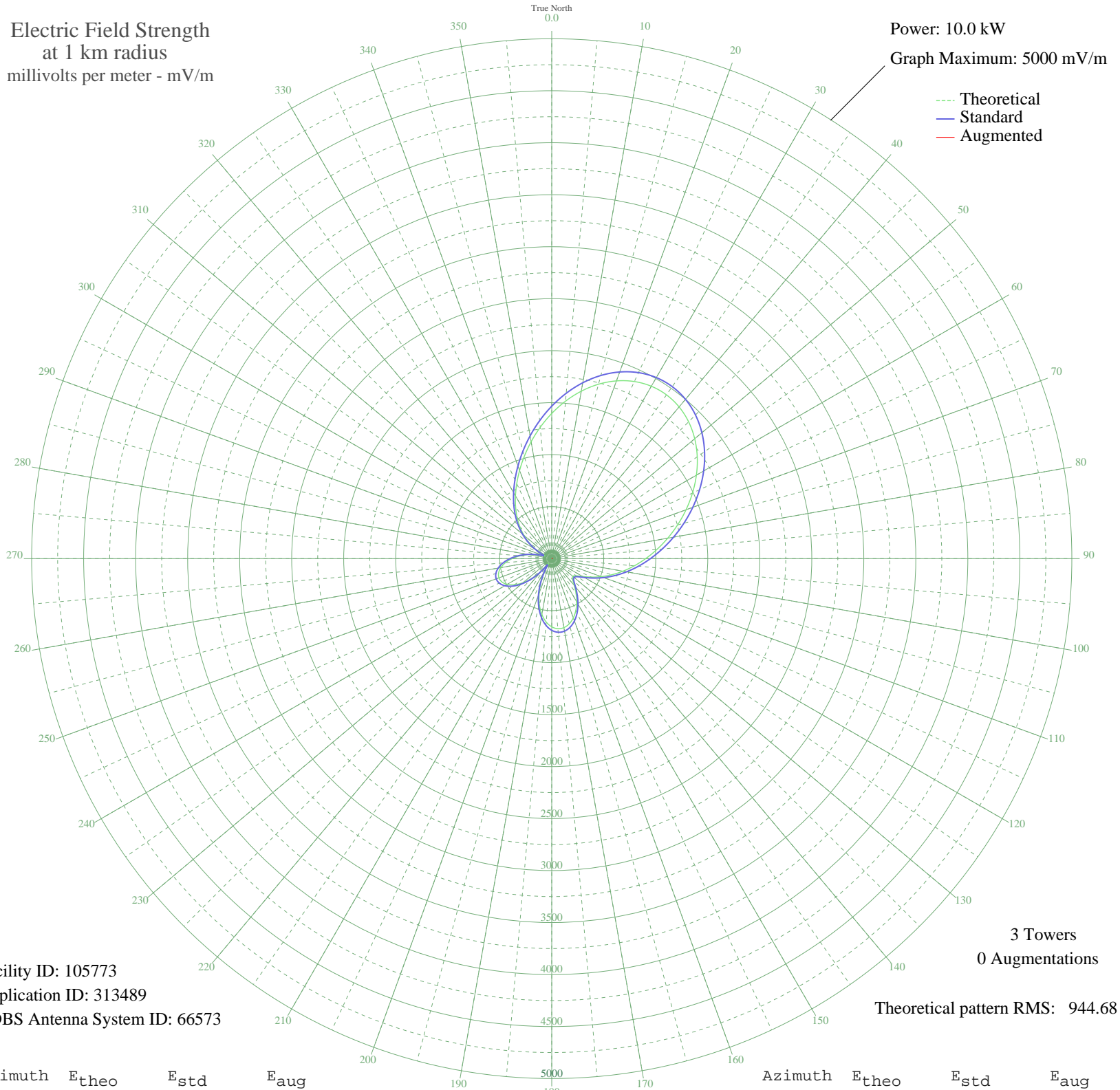


# CJWW SASKATOON, SK Canada -- 1370 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 105773  
Application ID: 313489  
CDBS Antenna System ID: 66573

3 Towers  
0 Augmentations

Theoretical pattern RMS: 944.68

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1396.19	1466.37	
5	1520.20	1596.55	
10	1635.31	1717.40	
15	1736.51	1823.63	
20	1819.17	1910.41	
25	1879.45	1973.70	
30	1914.59	2010.60	
35	1923.10	2019.52	
40	1904.83	2000.35	
45	1861.03	1954.37	
50	1794.16	1884.16	
55	1707.68	1793.37	
60	1605.79	1686.40	
65	1493.00	1568.00	
70	1373.82	1442.89	
75	1252.34	1315.37	
80	1131.93	1188.99	
85	1015.03	1066.30	
90	903.04	948.77	
95	796.40	836.88	
100	694.89	730.39	
105	598.05	628.83	
110	505.85	532.17	
115	419.61	441.84	
120	343.56	362.26	
125	286.98	303.15	
130	264.19	279.38	
135	283.71	299.74	
140	336.47	354.85	
145	405.90	427.49	
150	479.25	504.30	
155	548.05	576.41	
160	606.30	637.48	
165	649.35	682.63	
170	673.56	708.02	
175	676.24	710.82	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	655.75	689.33	
185	611.66	643.10	
190	544.86	573.07	
195	457.60	481.63	
200	353.52	372.68	
205	237.87	251.96	
210	119.82	130.12	
215	60.19	71.39	
220	154.59	165.68	
225	262.92	278.06	
230	359.31	378.73	
235	437.75	460.84	
240	494.98	520.79	
245	529.26	556.72	
250	540.24	568.22	
255	528.73	556.16	
260	496.57	522.45	
265	446.36	469.85	
270	381.29	401.73	
275	304.98	321.95	
280	221.59	235.03	
285	137.25	147.89	
290	72.89	83.43	
295	98.11	108.23	
300	176.94	188.73	
305	262.70	277.83	
310	348.30	367.22	
315	433.03	455.89	
320	518.02	544.93	
325	605.32	636.45	
330	697.31	732.92	
335	796.13	836.60	
340	903.17	948.91	
345	1018.61	1070.05	
350	1141.19	1198.71	
355	1268.32	1332.15	

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission