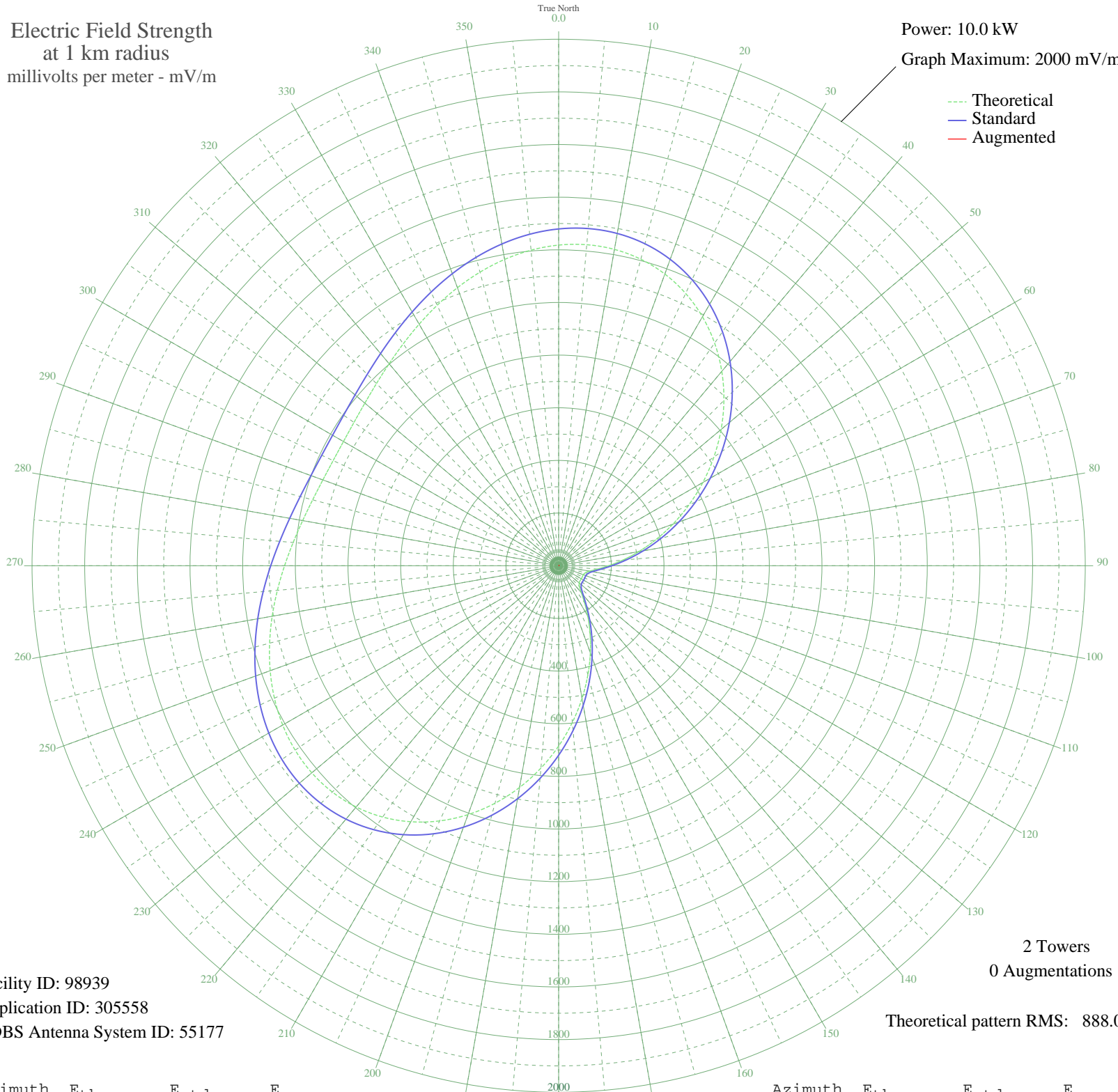


# CJDC DAWSON CREEK, BC Canada -- 890 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 98939  
Application ID: 305558  
CDBS Antenna System ID: 55177

2 Towers  
0 Augmentations

Theoretical pattern RMS: 888.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1218.05	1279.38	
5	1224.12	1285.75	
10	1220.24	1281.68	
15	1205.45	1266.15	
20	1179.17	1238.57	
25	1141.29	1198.81	
30	1092.17	1147.26	
35	1032.63	1084.76	
40	963.89	1012.63	
45	887.55	932.52	
50	805.48	846.40	
55	719.71	756.43	
60	632.39	664.84	
65	545.65	573.89	
70	461.55	485.77	
75	382.08	402.55	
80	309.09	326.24	
85	244.41	258.77	
90	189.94	202.18	
95	147.67	158.57	
100	119.30	129.59	
105	104.58	114.72	
110	99.75	109.87	
115	99.30	109.42	
120	99.38	109.50	
125	99.32	109.45	
130	101.77	111.90	
135	111.90	122.10	
140	134.60	145.18	
145	171.46	183.07	
150	221.29	234.72	
155	282.12	298.08	
160	352.00	371.09	
165	429.10	451.78	
170	511.58	538.18	
175	597.51	628.26	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	684.85	719.86	
185	771.50	810.75	
190	855.30	898.68	
195	934.17	981.44	
200	1006.15	1056.98	
205	1069.54	1123.51	
210	1122.95	1179.57	
215	1165.40	1224.12	
220	1196.33	1256.58	
225	1215.68	1276.89	
230	1223.83	1285.45	
235	1221.60	1283.10	
240	1210.17	1271.11	
245	1191.03	1251.02	
250	1165.86	1224.61	
255	1136.47	1193.75	
260	1104.68	1160.39	
265	1072.28	1126.38	
270	1040.94	1093.49	
275	1012.15	1063.28	
280	987.22	1037.12	
285	967.22	1016.12	
290	952.95	1001.15	
295	945.00	992.80	
300	943.66	991.40	
305	948.99	996.99	
310	960.79	1009.37	
315	978.58	1028.05	
320	1001.65	1052.26	
325	1029.04	1081.00	
330	1059.53	1113.00	
335	1091.70	1146.76	
340	1123.94	1180.60	
345	1154.51	1212.69	
350	1181.59	1241.11	
355	1203.35	1263.95	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission