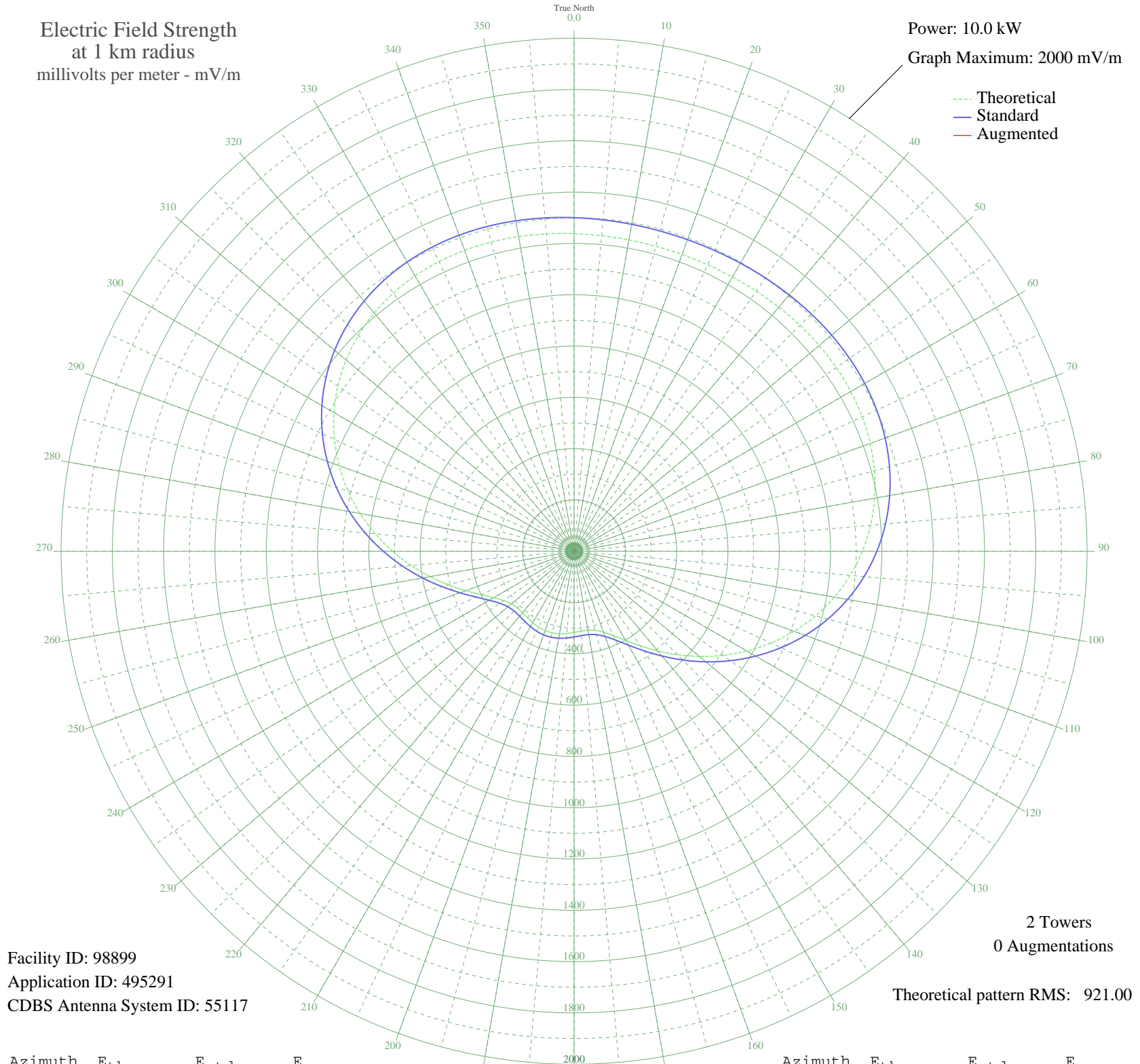


# CHUR NORTH BAY, ON Canada -- 840 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 98899  
Application ID: 495291  
CDBS Antenna System ID: 55117

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 921.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1238.09	1300.42	
5	1234.65	1296.81	
10	1232.07	1294.10	
15	1230.69	1292.65	
20	1230.69	1292.65	
25	1232.07	1294.10	
30	1234.65	1296.81	
35	1238.09	1300.42	
40	1241.87	1304.39	
45	1245.34	1308.03	
50	1247.72	1310.53	
55	1248.16	1310.99	
60	1245.72	1308.43	
65	1239.49	1301.89	
70	1228.55	1290.41	
75	1212.10	1273.14	
80	1189.47	1249.38	
85	1160.14	1218.60	
90	1123.85	1180.51	
95	1080.57	1135.08	
100	1030.56	1082.59	
105	974.35	1023.61	
110	912.77	958.99	
115	846.91	889.87	
120	778.08	817.66	
125	707.85	743.98	
130	637.93	670.65	
135	570.24	599.67	
140	506.79	533.17	
145	449.71	473.36	
150	401.08	422.44	
155	362.66	382.24	
160	335.50	353.83	
165	319.38	336.99	
170	312.69	330.00	
175	312.79	330.10	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	316.74	334.23	
185	321.96	339.68	
190	326.47	344.40	
195	329.04	347.08	
200	329.04	347.08	
205	326.47	344.40	
210	321.96	339.68	
215	316.74	334.23	
220	312.79	330.10	
225	312.69	330.00	
230	319.38	336.99	
235	335.50	353.83	
240	362.66	382.24	
245	401.08	422.44	
250	449.71	473.37	
255	506.79	533.17	
260	570.24	599.67	
265	637.93	670.65	
270	707.85	743.98	
275	778.09	817.66	
280	846.91	889.87	
285	912.78	958.99	
290	974.35	1023.61	
295	1030.56	1082.60	
300	1080.57	1135.08	
305	1123.85	1180.51	
310	1160.14	1218.60	
315	1189.47	1249.38	
320	1212.10	1273.14	
325	1228.55	1290.41	
330	1239.49	1301.89	
335	1245.72	1308.43	
340	1248.16	1310.99	
345	1247.72	1310.53	
350	1245.34	1308.03	
355	1241.87	1304.39	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission