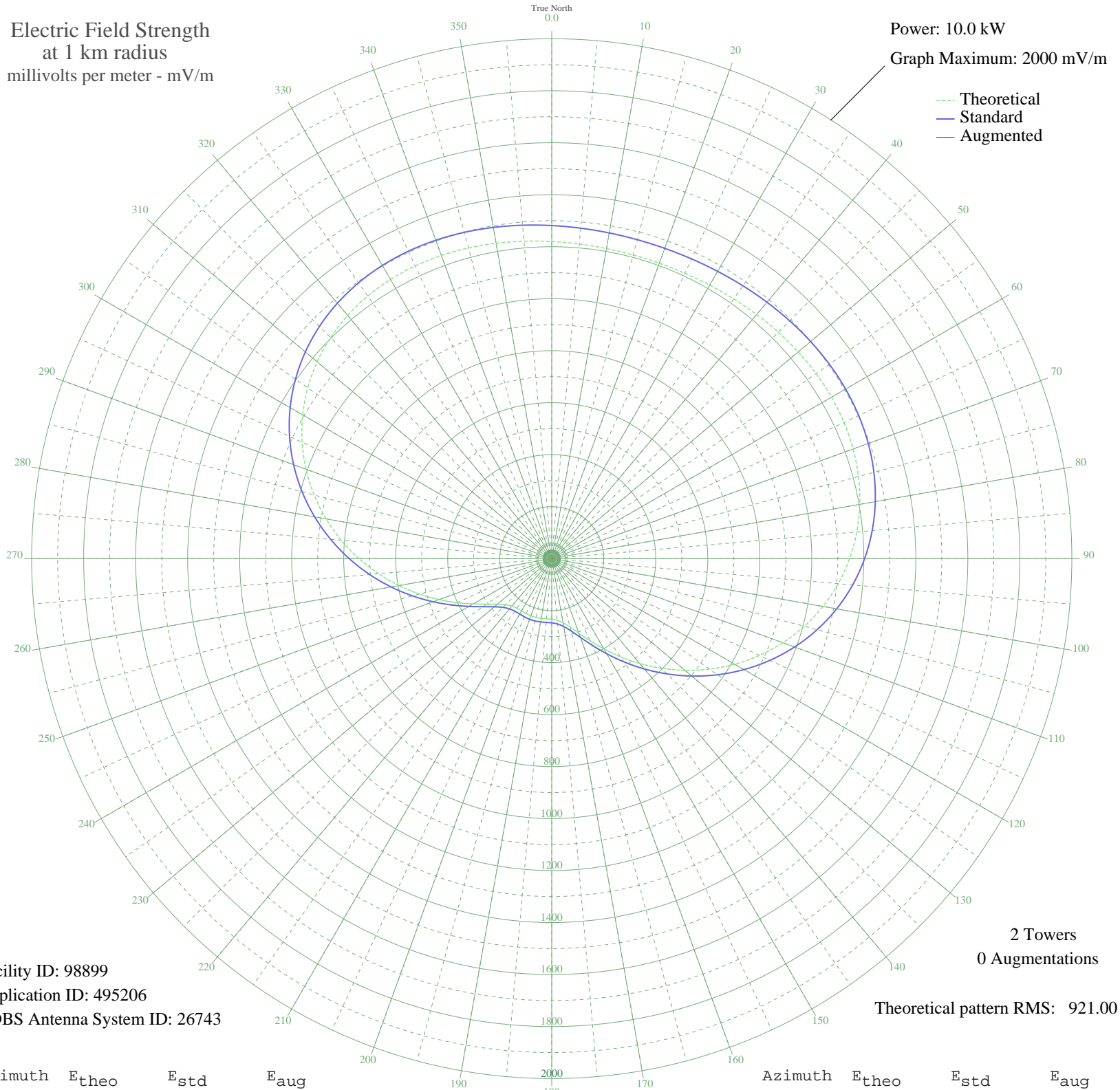


# CHUR NORTH BAY, ON Canada -- 840 kHz

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: 495206  
CDBS Antenna System ID: 26743

2 Towers  
0 Augmentations

Theoretical pattern RMS: 921.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1219.94	1281.37	
5	1214.93	1276.11	
10	1211.29	1272.28	
15	1209.37	1270.28	
20	1209.37	1270.28	
25	1211.29	1272.28	
30	1214.93	1276.11	
35	1219.94	1281.37	
40	1225.79	1287.51	
45	1231.80	1293.81	
50	1237.15	1299.44	
55	1240.95	1303.43	
60	1242.22	1304.76	
65	1239.96	1302.38	
70	1233.20	1295.29	
75	1221.04	1282.52	
80	1202.71	1263.28	
85	1177.61	1236.93	
90	1145.34	1203.06	
95	1105.76	1161.53	
100	1059.01	1112.46	
105	1005.49	1056.29	
110	945.89	993.74	
115	881.13	925.78	
120	812.38	853.64	
125	741.00	778.76	
130	668.49	702.70	
135	596.49	627.19	
140	526.70	554.03	
145	460.89	485.07	
150	400.88	422.23	
155	348.48	367.41	
160	305.33	322.32	
165	272.64	288.19	
170	250.64	265.26	
175	238.23	252.34	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	233.07	246.97	
185	232.29	246.16	
190	233.30	247.21	
195	234.27	248.22	
200	234.27	248.22	
205	233.30	247.21	
210	232.29	246.16	
215	233.07	246.97	
220	238.23	252.34	
225	250.64	265.26	
230	272.64	288.19	
235	305.33	322.32	
240	348.48	367.41	
245	400.88	422.23	
250	460.89	485.07	
255	526.70	554.03	
260	596.49	627.20	
265	668.49	702.70	
270	741.00	778.76	
275	812.38	853.64	
280	881.13	925.78	
285	945.89	993.74	
290	1005.50	1056.29	
295	1059.01	1112.46	
300	1105.76	1161.53	
305	1145.34	1203.06	
310	1177.61	1236.93	
315	1202.71	1263.28	
320	1221.04	1282.52	
325	1233.20	1295.29	
330	1239.96	1302.38	
335	1242.22	1304.76	
340	1240.95	1303.43	
345	1237.15	1299.44	
350	1231.80	1293.81	
355	1225.79	1287.51	

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