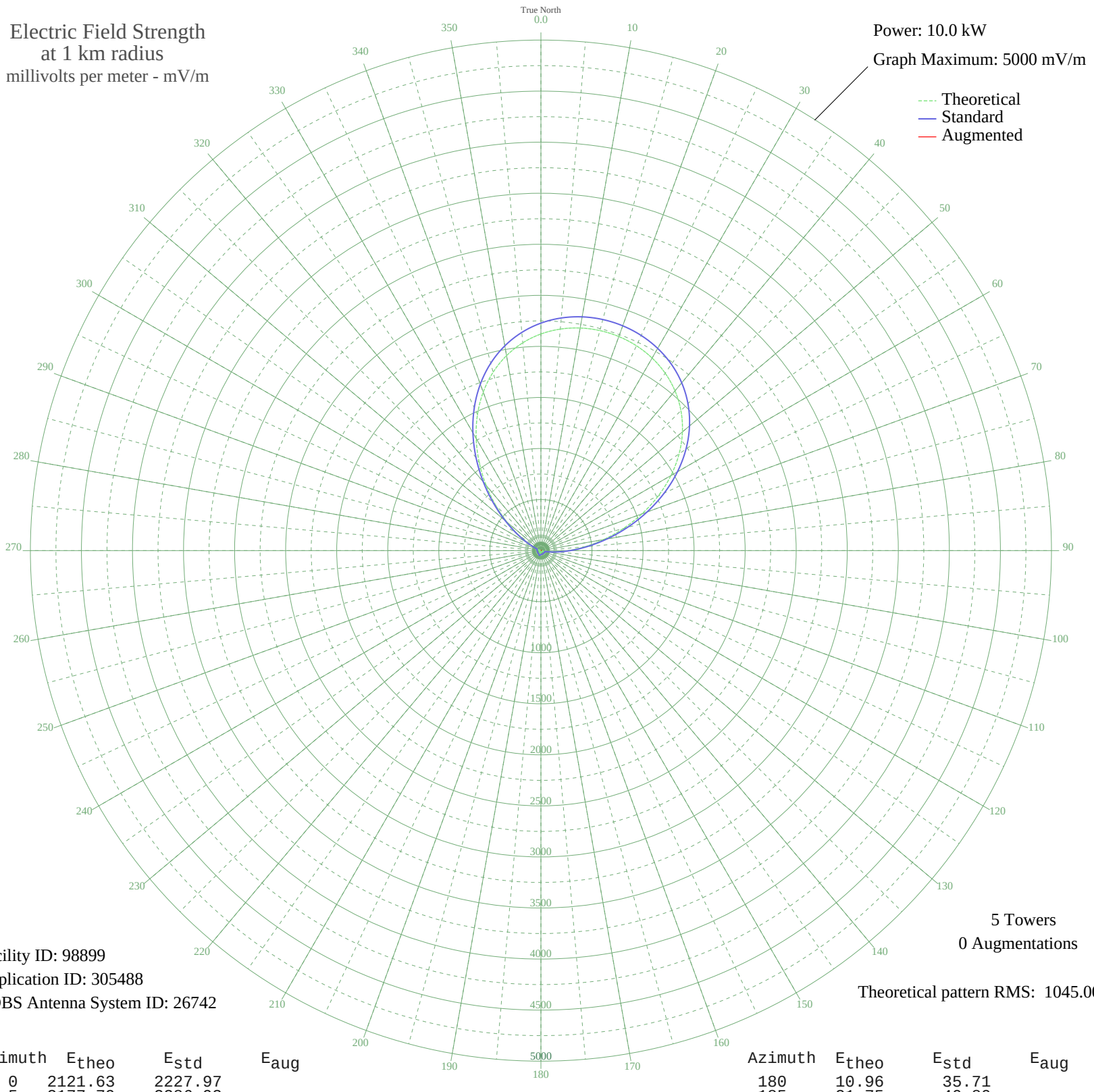
CHUR NORTH BAY, ON Canada -- 840 kHz

Nighttime

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



Power: 10.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

5 Towers
0 Augmentations

Facility ID: 98899
Application ID: 305488
CDBS Antenna System ID: 26742

Theoretical pattern RMS: 1045.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2121.63	2227.97	
5	2177.79	2286.93	
10	2213.67	2324.60	
15	2231.10	2342.90	
20	2231.10	2342.90	
25	2213.67	2324.60	
30	2177.79	2286.93	
35	2121.63	2227.97	
40	2042.85	2145.26	
45	1939.17	2036.41	
50	1808.96	1899.71	
55	1652.03	1734.97	
60	1470.29	1544.18	
65	1268.25	1332.09	
70	1053.18	1106.35	
75	834.76	877.15	
80	624.20	656.28	
85	432.76	455.66	
90	270.20	285.71	
95	143.11	154.02	
100	53.91	65.94	
105	2.73	33.93	
110	23.75	42.01	
115	26.70	43.92	
120	18.24	38.85	
125	7.39	34.69	
130	5.59	34.31	
135	7.67	34.75	
140	4.65	34.16	
145	3.07	33.96	
150	11.27	35.82	
155	18.01	38.74	
160	20.92	40.32	
165	18.99	39.25	
170	12.54	36.28	
175	4.51	34.14	
180	10.96	35.71	
185	21.75	40.80	
190	30.37	46.47	
195	35.09	50.01	
200	35.09	50.01	
205	30.37	46.47	
210	21.75	40.80	
215	10.96	35.71	
220	4.51	34.14	
225	12.54	36.28	
230	18.99	39.25	
235	20.92	40.32	
240	18.01	38.74	
245	11.27	35.82	
250	3.07	33.96	
255	4.65	34.16	
260	7.67	34.75	
265	5.59	34.31	
270	7.39	34.69	
275	18.24	38.85	
280	26.70	43.92	
285	23.75	42.01	
290	2.73	33.93	
295	53.91	65.94	
300	143.11	154.02	
305	270.20	285.71	
310	432.76	455.66	
315	624.20	656.28	
320	834.77	877.16	
325	1053.18	1106.35	
330	1268.25	1332.09	
335	1470.29	1544.18	
340	1652.04	1734.97	
345	1808.96	1899.71	
350	1939.17	2036.41	
355	2042.85	2145.26	

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.

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