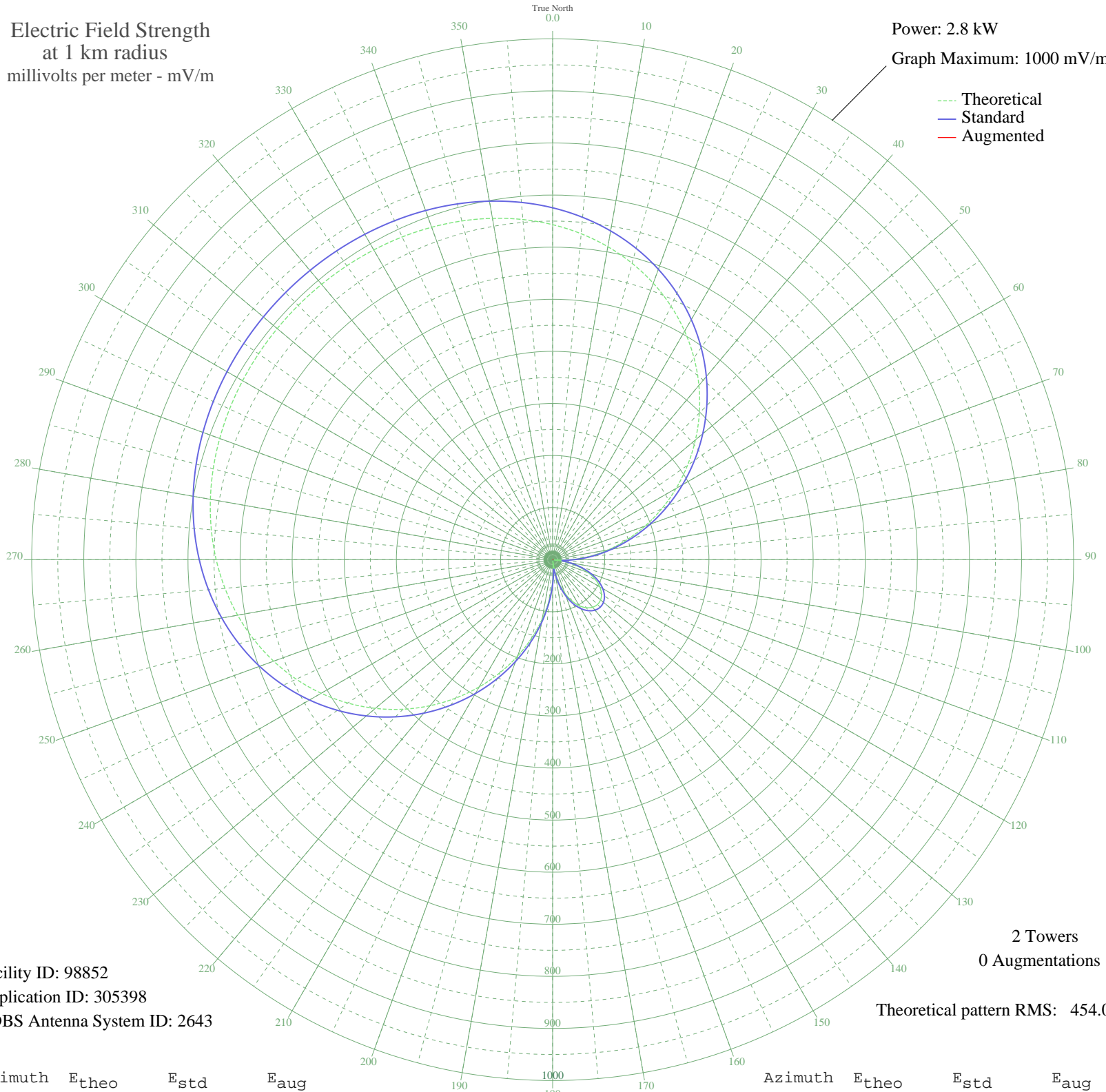


# CKOK PENTICTON, BC Canada -- 780 kHz

Nighttime

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

Power: 2.8 kW  
Graph Maximum: 1000 mV/m



Facility ID: 98852  
Application ID: 305398  
CDBS Antenna System ID: 2643

2 Towers  
0 Augmentations

Theoretical pattern RMS: 454.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	643.18	675.57	
5	628.14	659.78	
10	610.17	640.92	
15	589.08	618.78	
20	564.78	593.28	
25	537.27	564.41	
30	506.62	532.24	
35	473.02	496.98	
40	436.76	458.94	
45	398.21	418.49	
50	357.82	376.12	
55	316.12	332.39	
60	273.67	287.89	
65	231.05	243.24	
70	188.87	199.09	
75	147.70	156.08	
80	108.09	114.85	
85	70.55	76.13	
90	35.52	41.23	
95	3.39	17.93	
100	25.52	32.04	
105	50.94	56.29	
110	72.66	78.29	
115	90.53	96.67	
120	104.44	111.06	
125	114.31	121.30	
130	120.08	127.30	
135	121.73	129.02	
140	119.25	126.44	
145	112.66	119.59	
150	101.98	108.51	
155	87.27	93.30	
160	68.62	74.16	
165	46.14	51.54	
170	20.01	27.39	
175	9.57	20.24	

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	42.30	47.77	
185	77.87	83.63	
190	115.86	122.92	
195	155.82	164.56	
200	197.24	207.85	
205	239.56	252.15	
210	282.19	296.82	
215	324.54	341.22	
220	366.02	384.72	
225	406.08	426.75	
230	444.21	466.75	
235	479.97	504.27	
240	512.99	538.93	
245	543.03	570.45	
250	569.90	598.65	
255	593.55	623.48	
260	614.01	644.95	
265	631.38	663.18	
270	645.86	678.38	
275	657.69	690.79	
280	667.14	700.72	
285	674.53	708.48	
290	680.16	714.38	
295	684.30	718.73	
300	687.22	721.80	
305	689.13	723.80	
310	690.19	724.91	
315	690.48	725.22	
320	690.04	724.75	
325	688.82	723.48	
330	686.73	721.28	
335	683.58	717.97	
340	679.16	713.33	
345	673.21	707.08	
350	665.43	698.92	
355	655.52	688.52	