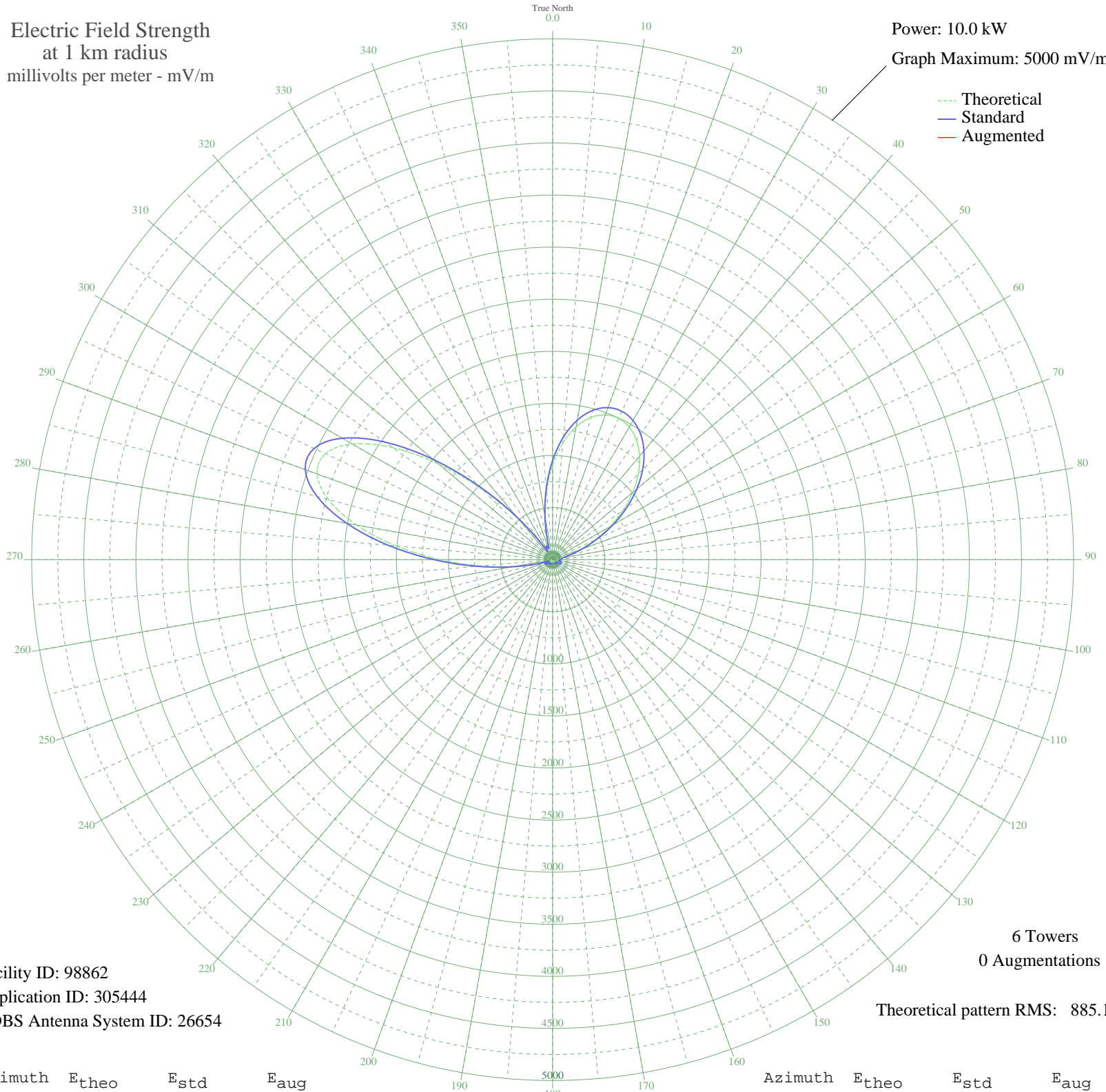


# CKST LANGLEY, BC Canada -- 800 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 98862  
Application ID: 305444  
CDBS Antenna System ID: 26654

6 Towers  
0 Augmentations

Theoretical pattern RMS: 885.14

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	907.21	953.15	
5	1123.34	1179.98	
10	1293.73	1358.83	
15	1412.34	1483.32	
20	1478.83	1553.13	
25	1496.19	1571.35	
30	1468.75	1542.55	
35	1401.12	1471.55	
40	1297.70	1362.99	
45	1163.02	1221.62	
50	1002.48	1053.13	
55	823.29	865.10	
60	635.26	667.85	
65	451.06	474.78	
70	285.90	302.03	
75	157.33	168.50	
80	86.84	97.04	
85	74.44	84.92	
90	67.17	77.95	
95	47.11	59.58	
100	43.12	56.15	
105	65.75	76.60	
110	80.77	91.07	
115	74.80	85.27	
120	49.34	61.54	
125	14.00	36.31	
130	18.95	38.71	
135	39.30	52.96	
140	42.91	55.97	
145	32.12	47.32	
150	13.91	36.27	
155	3.72	33.43	
160	13.78	36.22	
165	14.73	36.63	
170	10.63	35.03	
175	14.72	36.62	

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.

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	24.37	41.92	
185	30.16	45.88	
190	29.10	45.12	
195	22.67	40.85	
200	18.95	38.71	
205	26.17	43.10	
210	35.41	49.85	
215	37.76	51.72	
220	29.05	45.09	
225	11.45	35.32	
230	26.93	43.61	
235	57.53	68.93	
240	75.87	86.31	
245	62.43	73.48	
250	5.13	33.64	
255	146.42	157.29	
260	376.26	396.47	
265	694.94	730.44	
270	1084.71	1139.43	
275	1507.76	1583.50	
280	1909.55	2005.30	
285	2227.81	2339.43	
290	2405.68	2526.19	
295	2405.66	2526.16	
300	2220.18	2331.43	
305	1875.34	1969.38	
310	1426.18	1497.85	
315	944.91	992.71	
320	505.85	532.18	
325	175.96	187.72	
330	89.45	99.62	
335	133.02	143.56	
340	102.01	112.14	
345	186.49	198.61	
350	405.57	427.14	
355	659.62	693.40	

20 Nov 2009

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