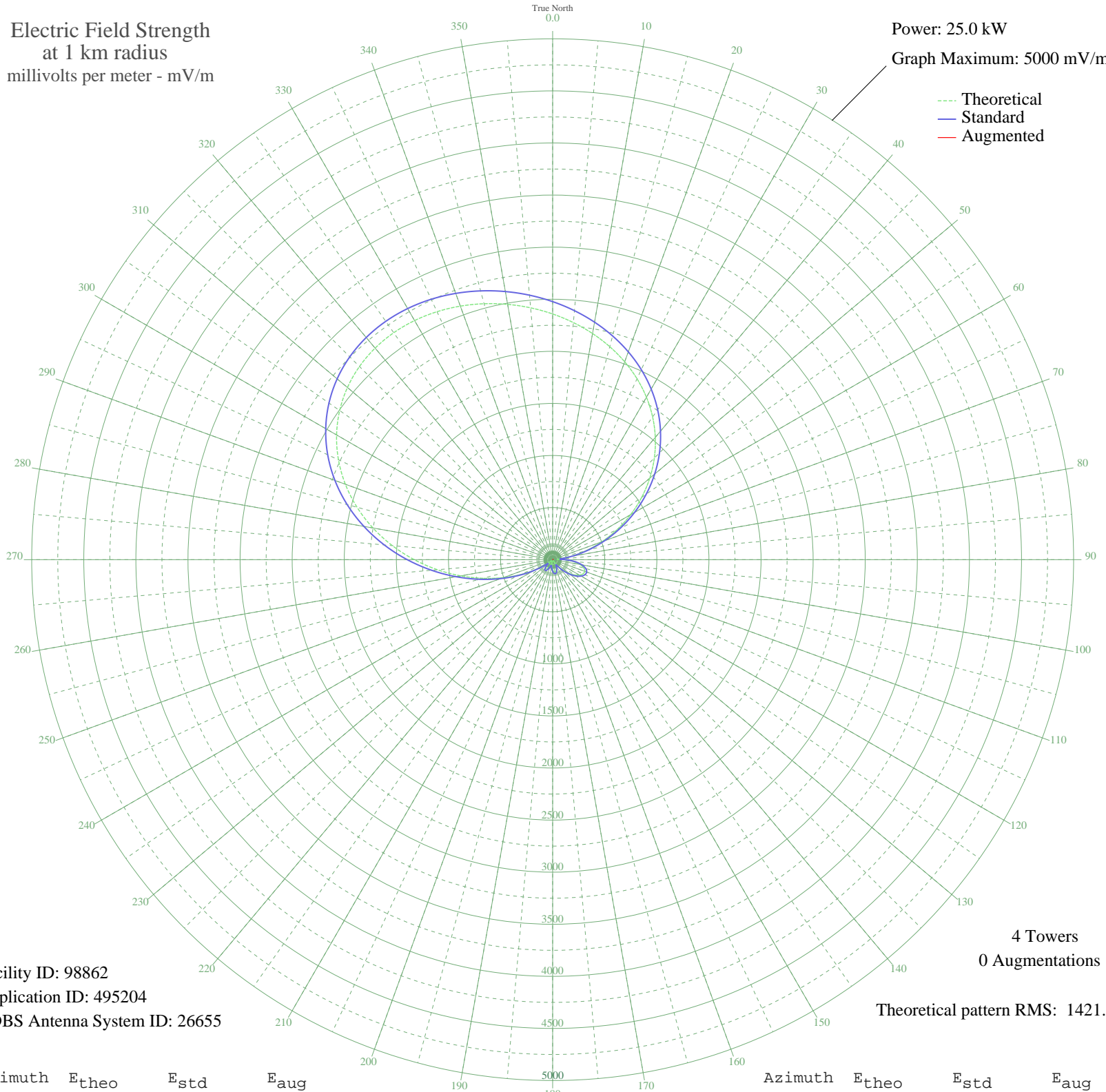


# CKST LANGLEY, BC Canada -- 800 kHz

Daytime

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

Power: 25.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 98862  
Application ID: 495204  
CDBS Antenna System ID: 26655

4 Towers  
0 Augmentations  
Theoretical pattern RMS: 1421.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2358.65	2477.14	
5	2284.59	2399.40	
10	2204.25	2315.06	
15	2116.86	2223.32	
20	2021.29	2123.01	
25	1916.24	2012.74	
30	1800.40	1891.15	
35	1672.70	1757.12	
40	1532.56	1610.05	
45	1380.09	1450.04	
50	1216.26	1278.15	
55	1043.09	1096.50	
60	863.57	908.27	
65	681.69	717.70	
70	502.18	529.90	
75	330.39	350.86	
80	172.48	188.56	
85	46.76	71.88	
90	103.93	121.10	
95	196.89	213.30	
100	266.22	284.42	
105	309.44	329.13	
110	327.21	347.56	
115	321.72	341.86	
120	296.32	315.54	
125	255.18	273.03	
130	202.93	219.45	
135	144.40	160.45	
140	84.29	102.91	
145	27.44	59.89	
150	26.36	59.35	
155	67.73	88.40	
160	98.33	115.83	
165	116.37	132.99	
170	121.36	137.82	
175	113.74	130.45	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	94.80	112.54	
185	66.71	87.53	
190	32.89	62.84	
195	14.30	54.61	
200	46.64	71.80	
205	78.28	97.53	
210	100.63	117.98	
215	108.79	125.72	
220	98.36	115.85	
225	65.64	86.64	
230	13.05	54.26	
235	81.10	100.04	
240	195.00	211.37	
245	336.58	357.29	
250	503.26	531.02	
255	691.21	727.66	
260	895.43	941.66	
265	1110.00	1166.68	
270	1328.48	1395.89	
275	1544.31	1622.38	
280	1751.27	1839.58	
285	1943.78	2041.64	
290	2117.26	2223.74	
295	2268.30	2382.30	
300	2394.73	2515.02	
305	2495.59	2620.90	
310	2571.05	2700.12	
315	2622.21	2753.82	
320	2650.89	2783.93	
325	2659.41	2792.87	
330	2650.36	2783.38	
335	2626.40	2758.22	
340	2590.02	2720.03	
345	2543.49	2671.18	
350	2488.61	2613.57	
355	2426.73	2548.61	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission