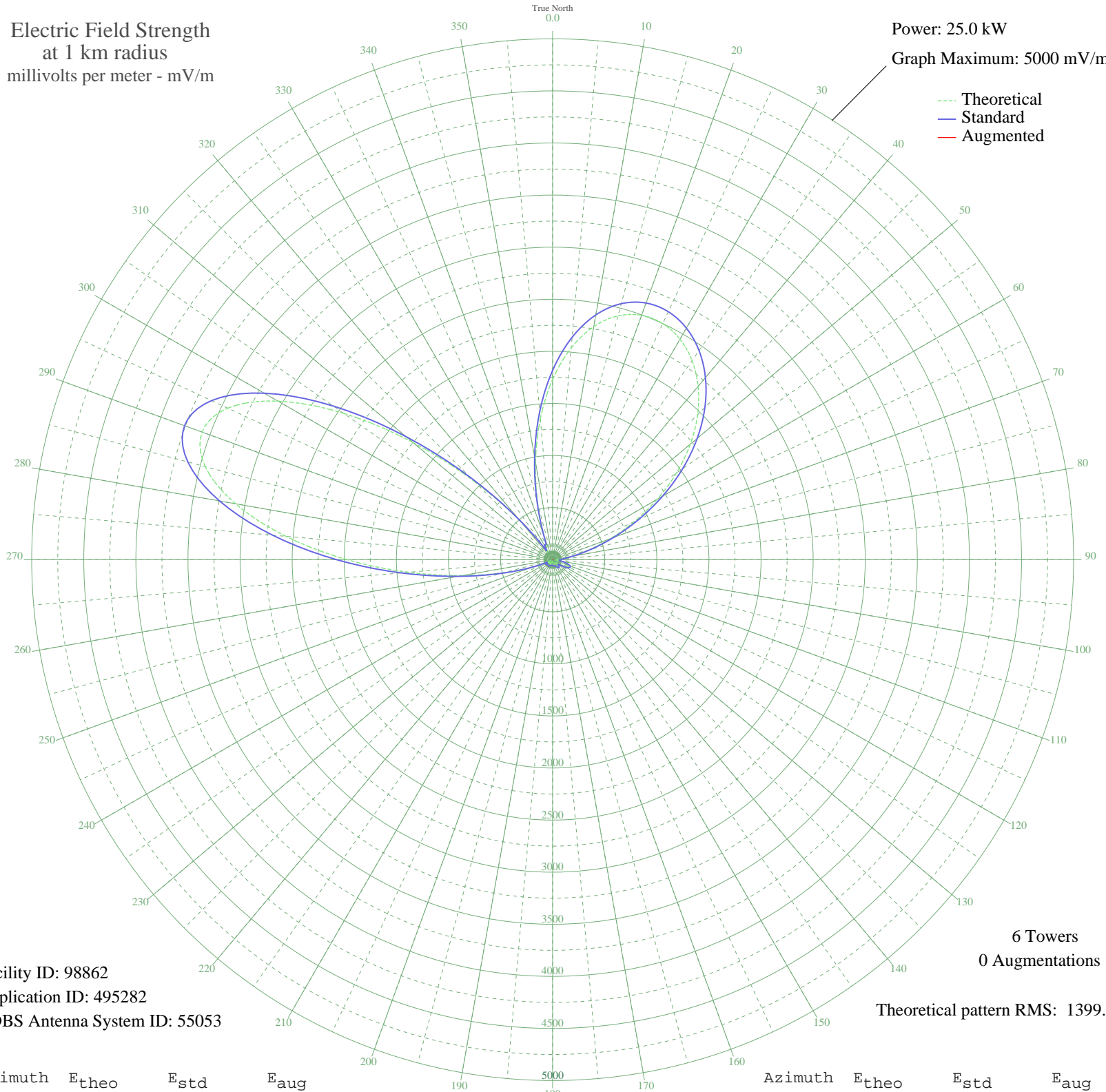


# CKST LANGLEY, BC Canada -- 800 kHz

Nighttime

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

Power: 25.0 kW  
Graph Maximum: 5000 mV/m



--- Theoretical  
— Standard  
— Augmented

Facility ID: 98862  
Application ID: 495282  
CDBS Antenna System ID: 55053

6 Towers  
0 Augmentations

Theoretical pattern RMS: 1399.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1730.64	1817.93	
5	2040.17	2142.82	
10	2271.71	2385.87	
15	2422.40	2544.06	
20	2496.36	2621.70	
25	2500.95	2626.52	
30	2444.06	2566.80	
35	2332.59	2449.79	
40	2172.09	2281.30	
45	1967.44	2066.48	
50	1724.23	1811.20	
55	1450.50	1523.93	
60	1158.25	1217.30	
65	864.23	908.96	
70	589.28	620.97	
75	356.17	377.64	
80	186.03	202.26	
85	91.82	109.77	
90	52.25	75.94	
95	26.31	59.33	
100	66.95	87.74	
105	125.64	141.99	
110	163.36	179.38	
115	165.27	181.30	
120	131.63	147.85	
125	77.09	96.48	
130	37.97	65.92	
135	59.40	81.53	
140	79.43	98.55	
145	76.84	96.26	
150	57.70	80.17	
155	37.03	65.33	
160	31.87	62.26	
165	35.98	64.68	
170	34.49	63.78	
175	26.36	59.35	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	17.45	55.61	
185	15.05	54.83	
190	17.91	55.77	
195	22.77	57.69	
200	31.14	61.85	
205	41.43	68.18	
210	48.61	73.22	
215	48.15	72.89	
220	39.56	66.94	
225	33.18	63.01	
230	44.56	70.32	
235	56.37	79.12	
240	40.27	67.41	
245	41.56	68.27	
250	202.76	219.27	
255	478.24	504.89	
260	877.03	922.38	
265	1388.26	1458.62	
270	1974.07	2073.43	
275	2569.67	2698.66	
280	3091.34	3246.33	
285	3451.79	3624.76	
290	3580.01	3759.37	
295	3440.13	3612.52	
300	3043.32	3195.92	
305	2448.39	2571.35	
310	1750.33	1838.59	
315	1059.90	1114.13	
320	481.17	507.95	
325	109.77	126.65	
330	135.79	151.93	
335	140.18	156.27	
340	235.68	252.97	
345	550.48	580.38	
350	948.27	997.07	
355	1357.09	1425.91	

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.

26 Jun 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission