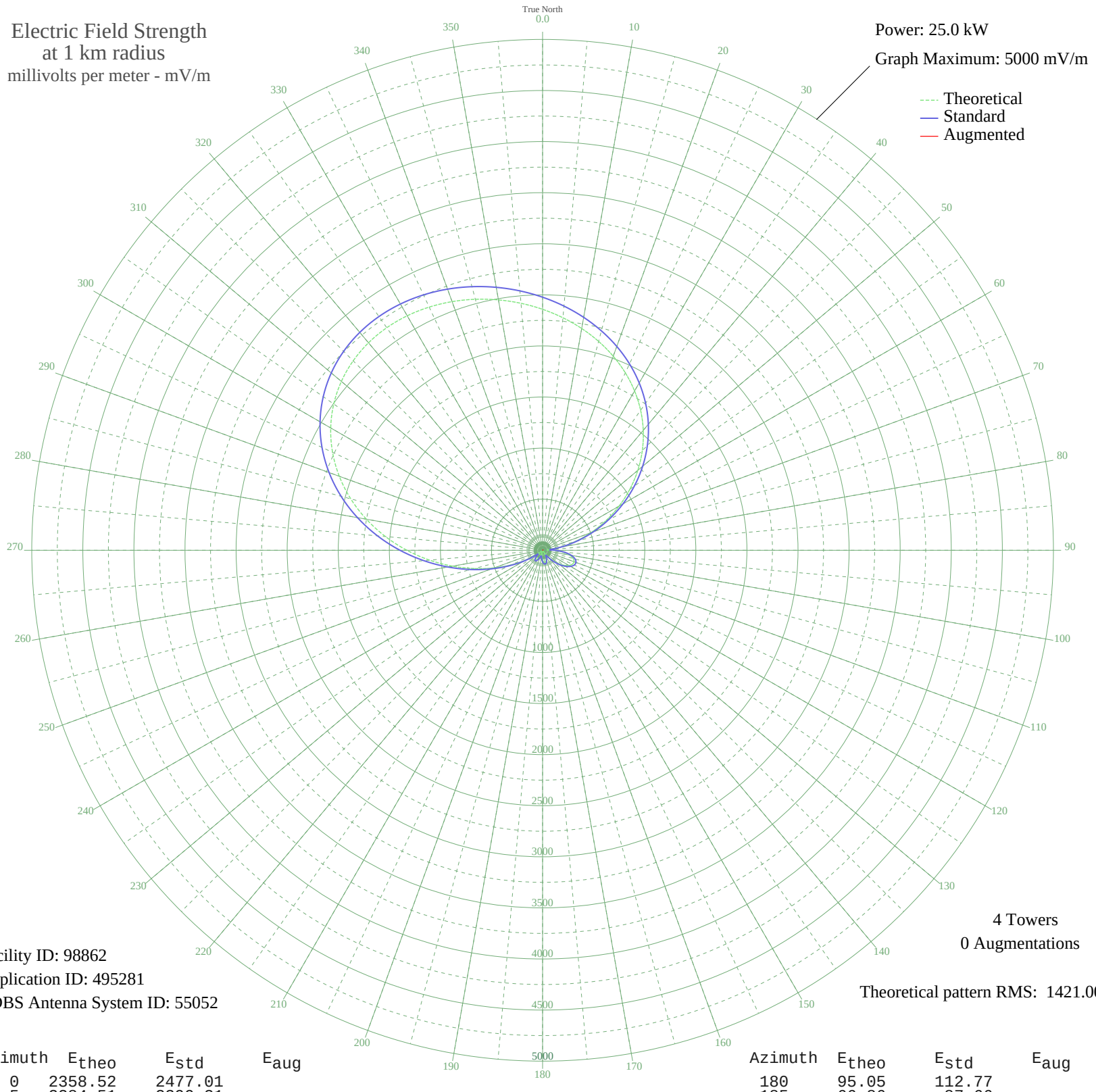
CKST LANGLEY, BC Canada -- 800 kHz

Daytime

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



Power: 25.0 kW

Graph Maximum: 5000 mV/m

Theoretical
Standard
Augmented

4 Towers
0 Augmentations

Facility ID: 98862
Application ID: 495281
CDBS Antenna System ID: 55052

Theoretical pattern RMS: 1421.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2358.52	2477.01	
5	2284.51	2399.31	
10	2204.22	2315.03	
15	2116.89	2223.36	
20	2021.39	2123.10	
25	1916.39	2012.90	
30	1800.60	1891.36	
35	1672.95	1757.38	
40	1532.84	1610.34	
45	1380.37	1450.34	
50	1216.54	1278.45	
55	1043.34	1096.76	
60	863.78	908.49	
65	681.84	717.85	
70	502.26	529.98	
75	330.40	350.87	
80	172.43	188.51	
85	46.75	71.87	
90	104.13	121.29	
95	197.12	213.53	
100	266.46	284.67	
105	309.67	329.37	
110	327.41	347.76	
115	321.87	342.02	
120	296.41	315.63	
125	255.19	273.04	
130	202.86	219.38	
135	144.23	160.28	
140	84.01	102.65	
145	26.90	59.62	
150	26.35	59.34	
155	67.96	88.59	
160	98.63	116.11	
165	116.69	133.30	
170	121.68	138.13	
175	114.04	130.75	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	95.05	112.77	
185	66.86	87.66	
190	32.77	62.77	
195	13.28	54.32	
200	46.25	71.51	
205	78.08	97.35	
210	100.56	117.92	
215	108.84	125.76	
220	98.51	116.00	
225	65.91	86.87	
230	13.63	54.42	
235	80.90	99.86	
240	194.73	211.10	
245	336.31	357.00	
250	503.00	530.75	
255	690.98	727.43	
260	895.25	941.48	
265	1109.88	1166.56	
270	1328.42	1395.83	
275	1544.32	1622.38	
280	1751.31	1839.63	
285	1943.86	2041.73	
290	2117.36	2223.85	
295	2268.40	2382.40	
300	2394.82	2515.11	
305	2495.65	2620.96	
310	2571.08	2700.14	
315	2622.19	2753.80	
320	2650.82	2783.86	
325	2659.30	2792.76	
330	2650.22	2783.22	
335	2626.22	2758.03	
340	2589.83	2719.83	
345	2543.29	2670.97	
350	2488.42	2613.37	
355	2426.57	2548.44	

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