

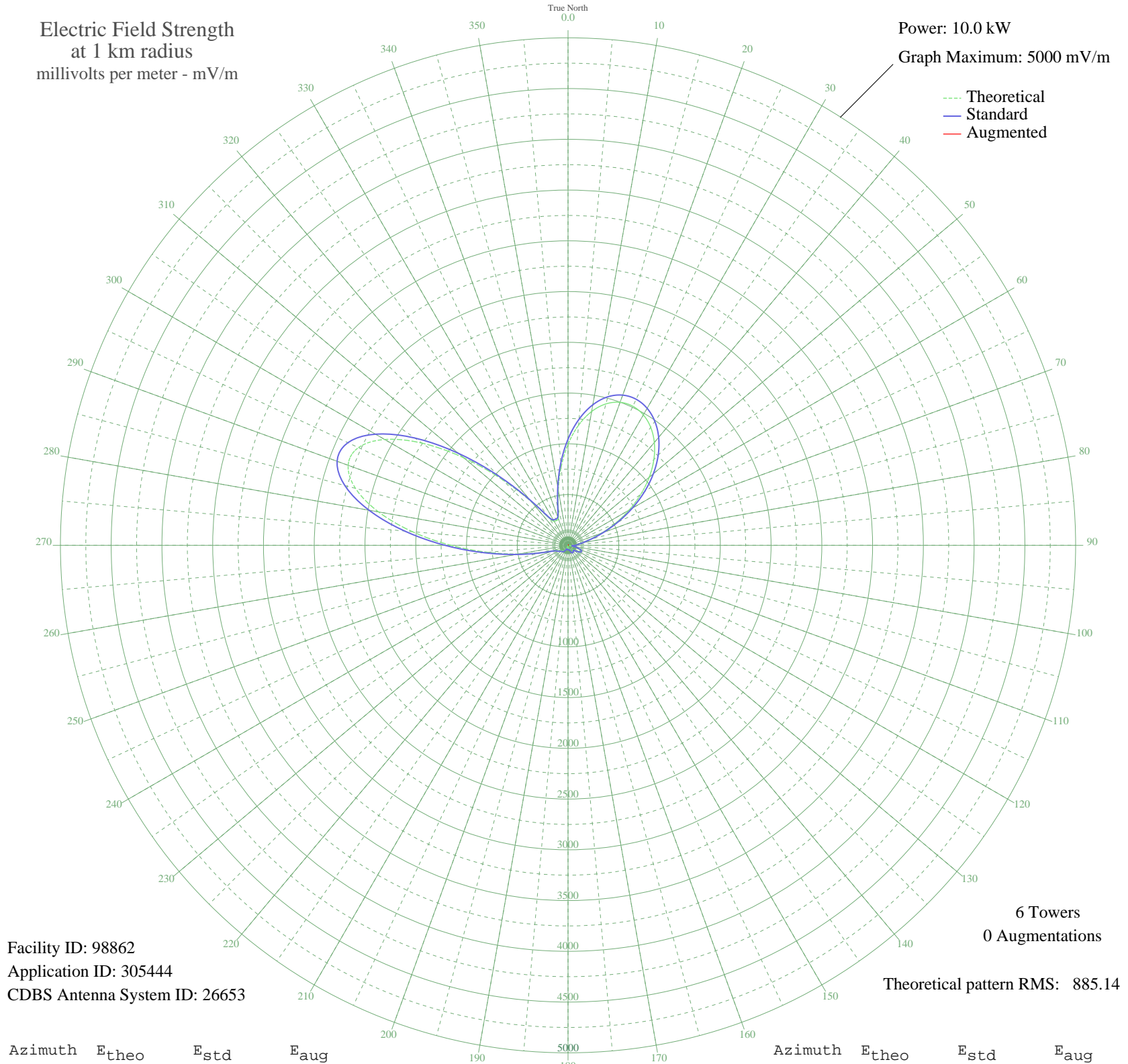
CKST LANGLEY, BC Canada -- 800 kHz

Daytime

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

Power: 10.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 98862
Application ID: 305444
CDBS Antenna System ID: 26653

6 Towers
0 Augmentations

Theoretical pattern RMS: 885.14

Azimuth	E _{theo}	E _{std}	E _{aug}
0	995.28	1045.57	
5	1187.62	1247.44	
10	1338.51	1405.83	
15	1442.47	1514.96	
20	1499.33	1574.65	
25	1511.89	1587.83	
30	1484.02	1558.57	
35	1419.66	1491.01	
40	1322.43	1388.94	
45	1195.93	1256.17	
50	1044.55	1097.28	
55	874.38	918.69	
60	694.13	729.59	
65	515.54	542.34	
70	353.05	372.18	
75	222.39	235.86	
80	136.62	147.24	
85	92.36	102.50	
90	60.26	71.46	
95	38.84	48.65	
100	26.26	33.94	
105	18.94	24.11	
110	12.98	16.36	
115	9.63	12.23	
120	7.06	9.40	
125	5.22	7.36	
130	4.88	6.73	
135	5.31	7.57	
140	6.08	7.77	
145	6.67	8.08	
150	7.44	8.89	
155	8.82	10.67	
160	10.29	12.37	
165	12.62	14.71	
170	16.60	19.62	
175	23.91	28.63	

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

Azimuth	E _{theo}	E _{std}	E _{aug}
180	31.41	46.80	
185	32.66	47.73	
190	25.12	42.40	
195	9.58	34.70	
200	11.37	35.28	
205	33.43	48.32	
210	52.63	64.47	
215	65.75	76.60	
220	72.05	82.62	
225	74.91	85.38	
230	81.02	91.32	
235	93.26	103.40	
240	106.12	116.27	
245	117.97	128.25	
250	158.44	169.65	
255	278.47	294.27	
260	492.91	518.62	
265	792.34	832.62	
270	1153.85	1212.00	
275	1538.86	1616.15	
280	1895.64	1990.70	
285	2167.59	2276.21	
290	2305.19	2420.68	
295	2278.39	2392.54	
300	2085.40	2189.92	
305	1755.17	1843.22	
310	1342.45	1409.96	
315	917.59	964.05	
320	556.31	585.07	
325	333.84	352.10	
330	273.33	288.91	
335	269.52	284.94	
340	279.99	295.86	
345	371.02	390.98	
350	553.23	581.84	
355	775.30	814.75	