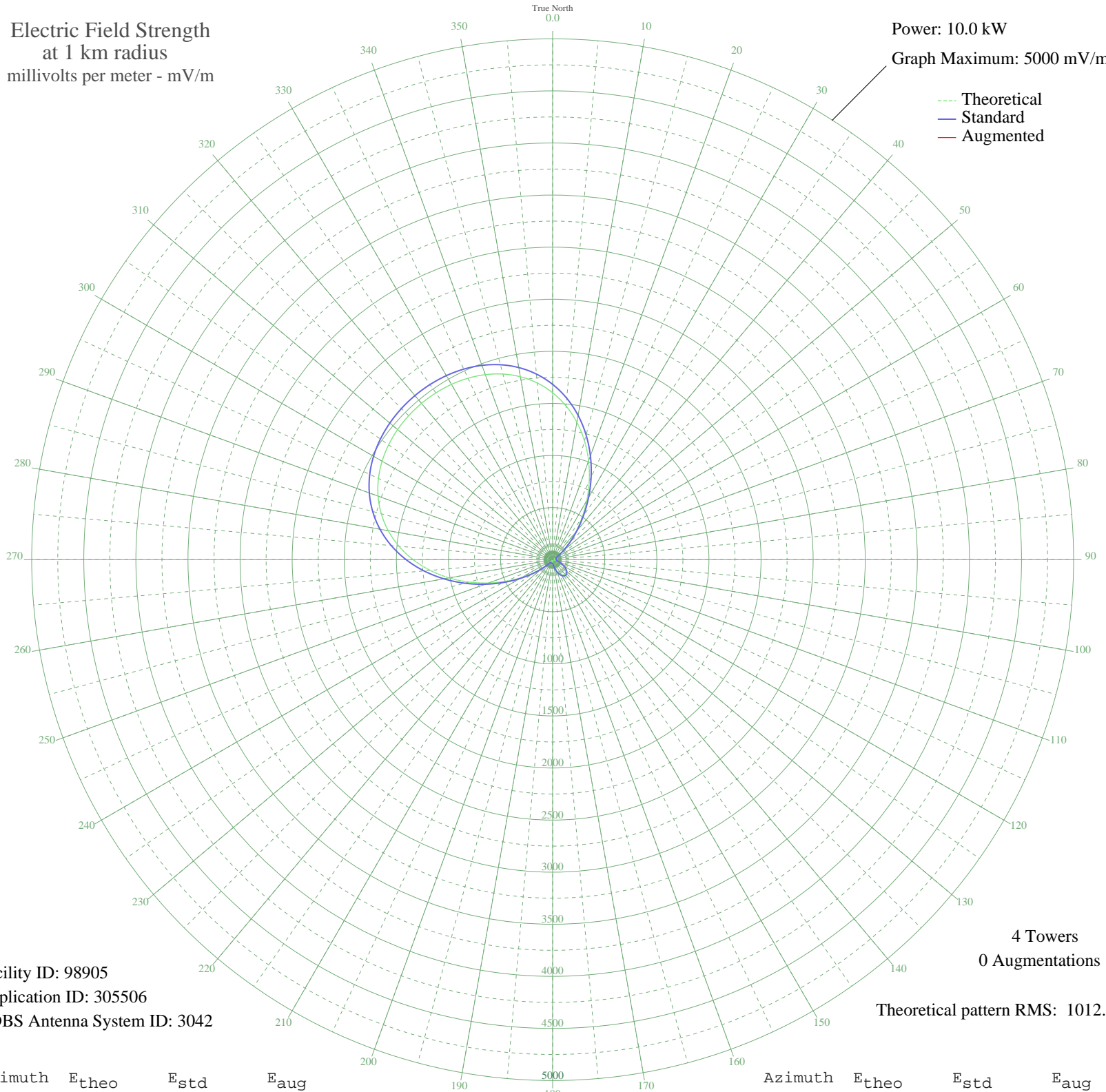


CFSR ABBOTSFORD, BC Canada -- 850 kHz

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: 98905
Application ID: 305506
CDBS Antenna System ID: 3042

4 Towers
0 Augmentations

Theoretical pattern RMS: 1012.28

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1602.34	1682.79	
5	1480.76	1555.15	
10	1339.07	1406.42	
15	1180.11	1239.56	
20	1008.66	1059.61	
25	831.28	873.48	
30	655.79	689.38	
35	490.43	516.02	
40	342.89	361.57	
45	219.32	232.67	
50	123.49	133.85	
55	56.32	67.82	
60	15.86	37.15	
65	2.52	33.31	
70	4.48	33.54	
75	2.80	33.33	
80	12.79	35.82	
85	20.10	39.34	
90	20.89	39.79	
95	13.21	35.98	
100	3.38	33.39	
105	27.03	43.68	
110	55.93	67.46	
115	87.11	97.30	
120	117.56	127.82	
125	144.47	155.28	
130	165.48	176.90	
135	178.81	190.67	
140	183.38	195.39	
145	178.81	190.67	
150	165.48	176.90	
155	144.47	155.28	
160	117.56	127.82	
165	87.11	97.30	
170	55.93	67.46	
175	27.03	43.68	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	3.38	33.39	
185	13.21	35.98	
190	20.89	39.79	
195	20.10	39.34	
200	12.79	35.82	
205	2.80	33.33	
210	4.48	33.54	
215	2.52	33.31	
220	15.86	37.15	
225	56.32	67.82	
230	123.49	133.84	
235	219.32	232.67	
240	342.89	361.56	
245	490.43	516.02	
250	655.79	689.38	
255	831.28	873.48	
260	1008.66	1059.61	
265	1180.11	1239.56	
270	1339.07	1406.42	
275	1480.76	1555.15	
280	1602.34	1682.79	
285	1702.89	1788.35	
290	1783.06	1872.50	
295	1844.61	1937.13	
300	1890.00	1984.77	
305	1921.85	2018.21	
310	1942.60	2040.01	
315	1954.22	2052.20	
320	1957.95	2056.12	
325	1954.22	2052.20	
330	1942.60	2040.01	
335	1921.85	2018.21	
340	1890.00	1984.77	
345	1844.61	1937.13	
350	1783.06	1872.50	
355	1702.89	1788.35	

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