

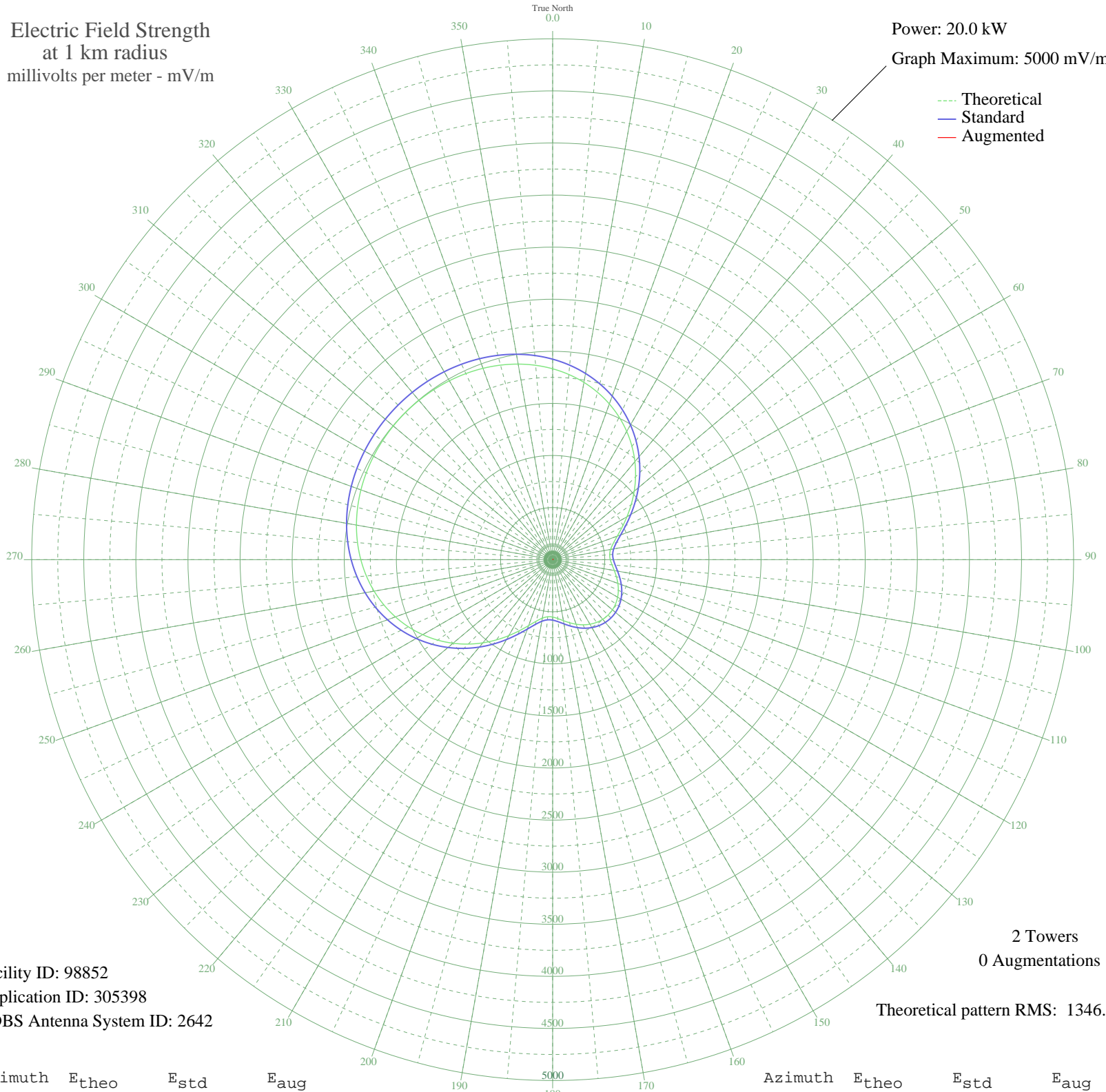
CKOK PENTICTON, BC Canada -- 780 kHz

Daytime

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

Power: 20.0 kW
Graph Maximum: 5000 mV/m

--- Theoretical
— Standard
— Augmented



Facility ID: 98852
Application ID: 305398
CDBS Antenna System ID: 2642

2 Towers
0 Augmentations

Theoretical pattern RMS: 1346.00

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1832.47	1924.67	
5	1784.35	1874.16	
10	1728.13	1815.15	
15	1663.60	1747.41	
20	1590.76	1670.96	
25	1509.94	1586.14	
30	1421.79	1493.62	
35	1327.30	1394.46	
40	1227.87	1290.11	
45	1125.26	1182.46	
50	1021.71	1073.83	
55	919.91	967.04	
60	823.05	865.48	
65	734.92	773.09	
70	659.75	694.32	
75	601.84	633.67	
80	564.58	594.67	
85	549.06	578.43	
90	553.21	582.76	
95	572.33	602.78	
100	600.78	632.56	
105	633.34	666.66	
110	665.90	700.77	
115	695.47	731.76	
120	720.00	757.46	
125	738.11	776.44	
130	748.96	787.81	
135	752.10	791.10	
140	747.40	786.17	
145	735.05	773.23	
150	715.57	752.82	
155	689.91	725.92	
160	659.55	694.11	
165	626.71	659.72	
170	594.61	626.10	
175	567.58	597.81	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	551.01	580.46	
185	550.48	579.91	
190	570.28	600.64	
195	611.85	644.16	
200	673.53	708.77	
205	751.65	790.63	
210	841.85	885.19	
215	939.98	988.10	
220	1042.38	1095.50	
225	1145.94	1204.15	
230	1248.07	1311.31	
235	1346.65	1414.76	
240	1439.96	1512.69	
245	1526.72	1603.74	
250	1605.98	1686.93	
255	1677.17	1761.66	
260	1740.04	1827.64	
265	1794.61	1884.93	
270	1841.16	1933.79	
275	1880.16	1974.73	
280	1912.21	2008.37	
285	1937.99	2035.44	
290	1958.24	2056.69	
295	1973.65	2072.86	
300	1984.84	2084.61	
305	1992.36	2092.51	
310	1996.60	2096.95	
315	1997.78	2098.20	
320	1996.00	2096.32	
325	1991.13	2091.21	
330	1982.91	2082.59	
335	1970.92	2070.00	
340	1954.60	2052.87	
345	1933.30	2030.51	
350	1906.32	2002.19	
355	1872.94	1967.14	

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