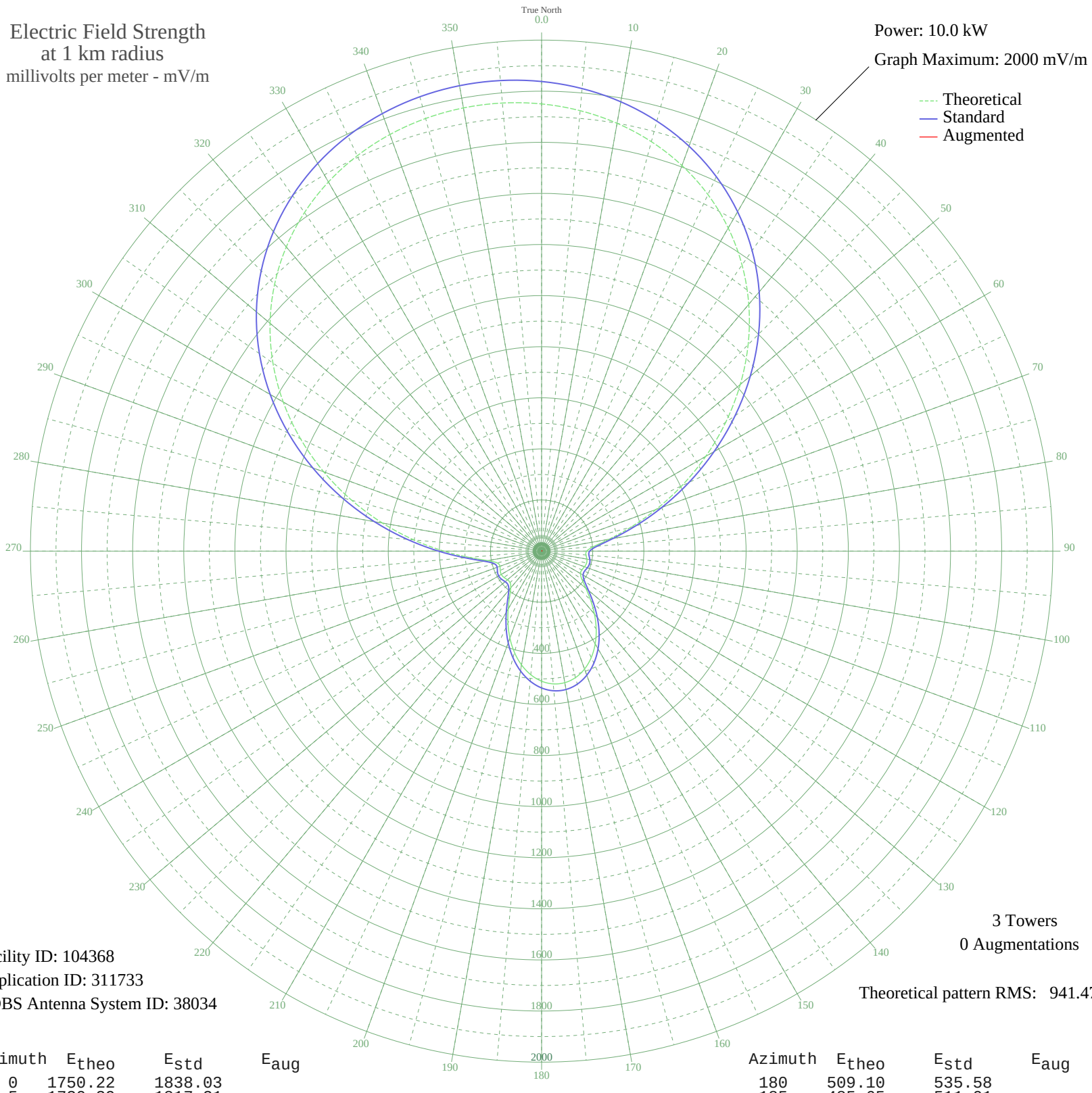
CHRB HIGH RIVER, AB Canada -- 1280 kHz

Daytime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

3 Towers
0 Augmentations

Facility ID: 104368
Application ID: 311733
CDBS Antenna System ID: 38034

Theoretical pattern RMS: 941.47

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1750.22	1838.03	
5	1730.39	1817.21	
10	1700.28	1785.61	
15	1659.09	1742.36	
20	1605.88	1686.50	
25	1539.84	1617.17	
30	1460.35	1533.73	
35	1367.26	1436.00	
40	1261.00	1324.47	
45	1142.78	1200.38	
50	1014.66	1065.91	
55	879.63	924.21	
60	741.59	779.37	
65	605.28	636.41	
70	476.28	501.19	
75	361.08	380.59	
80	267.48	282.81	
85	204.34	217.11	
90	176.37	188.14	
95	174.15	185.84	
100	179.85	191.73	
105	182.11	194.07	
110	178.63	190.48	
115	173.69	185.38	
120	175.69	187.43	
125	192.54	204.87	
130	225.83	239.43	
135	270.93	286.40	
140	321.55	339.26	
145	372.37	392.39	
150	419.38	441.59	
155	459.66	483.79	
160	491.17	516.80	
165	512.50	539.15	
170	522.78	549.93	
175	521.63	548.72	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	509.10	535.58	
185	485.65	511.01	
190	452.25	476.03	
195	410.43	432.23	
200	362.40	381.97	
205	311.26	328.51	
210	261.27	276.34	
215	218.03	231.32	
220	187.79	199.95	
225	174.29	185.99	
230	174.43	186.14	
235	179.66	191.54	
240	182.15	194.12	
245	178.76	190.61	
250	173.42	185.09	
255	179.37	191.24	
260	214.15	227.30	
265	284.05	300.09	
270	382.66	403.17	
275	501.20	527.30	
280	632.15	664.58	
285	769.22	808.36	
290	907.01	952.94	
295	1040.94	1093.49	
300	1167.29	1226.11	
305	1283.26	1347.83	
310	1386.95	1456.68	
315	1477.34	1551.56	
320	1554.10	1632.15	
325	1617.53	1698.73	
330	1668.26	1751.99	
335	1707.16	1792.83	
340	1735.15	1822.21	
345	1753.01	1840.96	
350	1761.34	1849.70	
355	1760.42	1848.74	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission