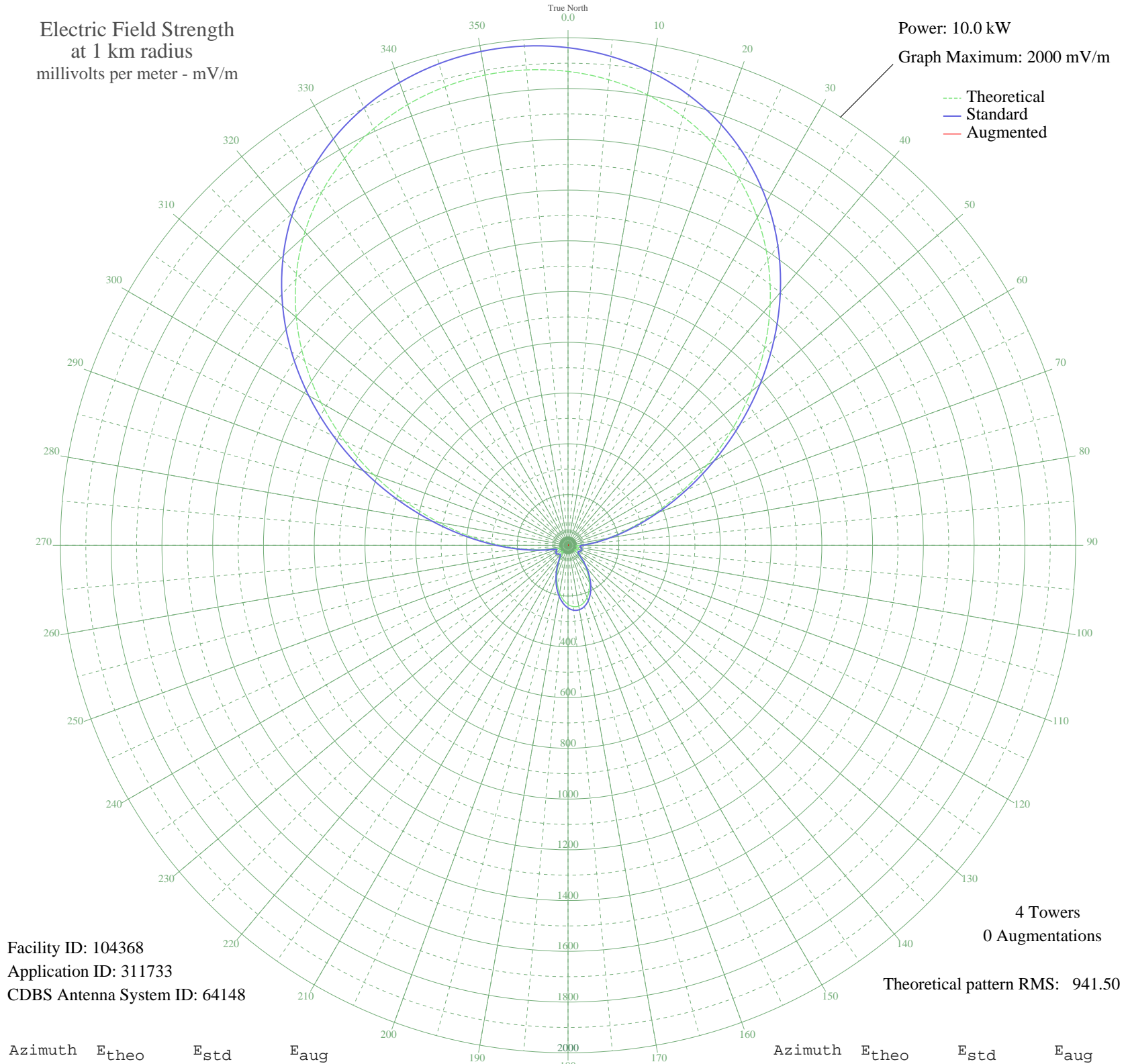


CHRB HIGH RIVER, AB Canada -- 1280 kHz

Nighttime

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

Power: 10.0 kW
Graph Maximum: 2000 mV/m



Facility ID: 104368
Application ID: 311733
CDBS Antenna System ID: 64148

Theoretical pattern RMS: 941.50

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1867.51	1961.17	
5	1841.83	1934.21	
10	1802.76	1893.18	
15	1749.17	1836.93	
20	1679.93	1764.24	
25	1594.17	1674.21	
30	1491.55	1566.48	
35	1372.62	1441.63	
40	1238.98	1301.35	
45	1093.49	1148.65	
50	940.23	987.80	
55	784.29	824.18	
60	631.42	663.82	
65	487.44	512.89	
70	357.65	377.00	
75	246.26	260.69	
80	155.95	167.08	
85	88.08	98.26	
90	44.39	57.23	
95	30.92	46.44	
100	37.59	51.58	
105	43.53	56.50	
110	44.21	57.07	
115	39.98	53.53	
120	33.26	48.19	
125	31.74	47.04	
130	45.20	57.92	
135	70.64	81.27	
140	101.89	112.02	
145	135.09	145.68	
150	167.34	178.81	
155	196.13	208.59	
160	219.39	232.74	
165	235.50	249.49	
170	243.37	257.69	
175	242.49	256.77	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	232.91	246.79	
185	215.26	228.45	
190	190.75	203.02	
195	161.09	172.37	
200	128.44	138.89	
205	95.38	105.51	
210	64.93	75.84	
215	41.31	54.62	
220	31.01	46.51	
225	34.55	49.18	
230	41.15	54.49	
235	44.50	57.32	
240	42.74	55.83	
245	35.95	50.27	
250	31.12	46.59	
255	50.96	62.98	
260	99.81	109.94	
265	172.25	183.88	
270	266.91	282.22	
275	382.25	402.74	
280	515.26	542.04	
285	661.47	695.33	
290	815.42	856.84	
295	971.27	1020.37	
300	1123.36	1179.99	
305	1266.76	1330.51	
310	1397.65	1467.91	
315	1513.41	1589.43	
320	1612.67	1693.63	
325	1695.08	1780.14	
330	1761.10	1849.46	
335	1811.69	1902.57	
340	1848.00	1940.69	
345	1871.12	1964.96	
350	1881.88	1976.25	
355	1880.69	1975.00	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission