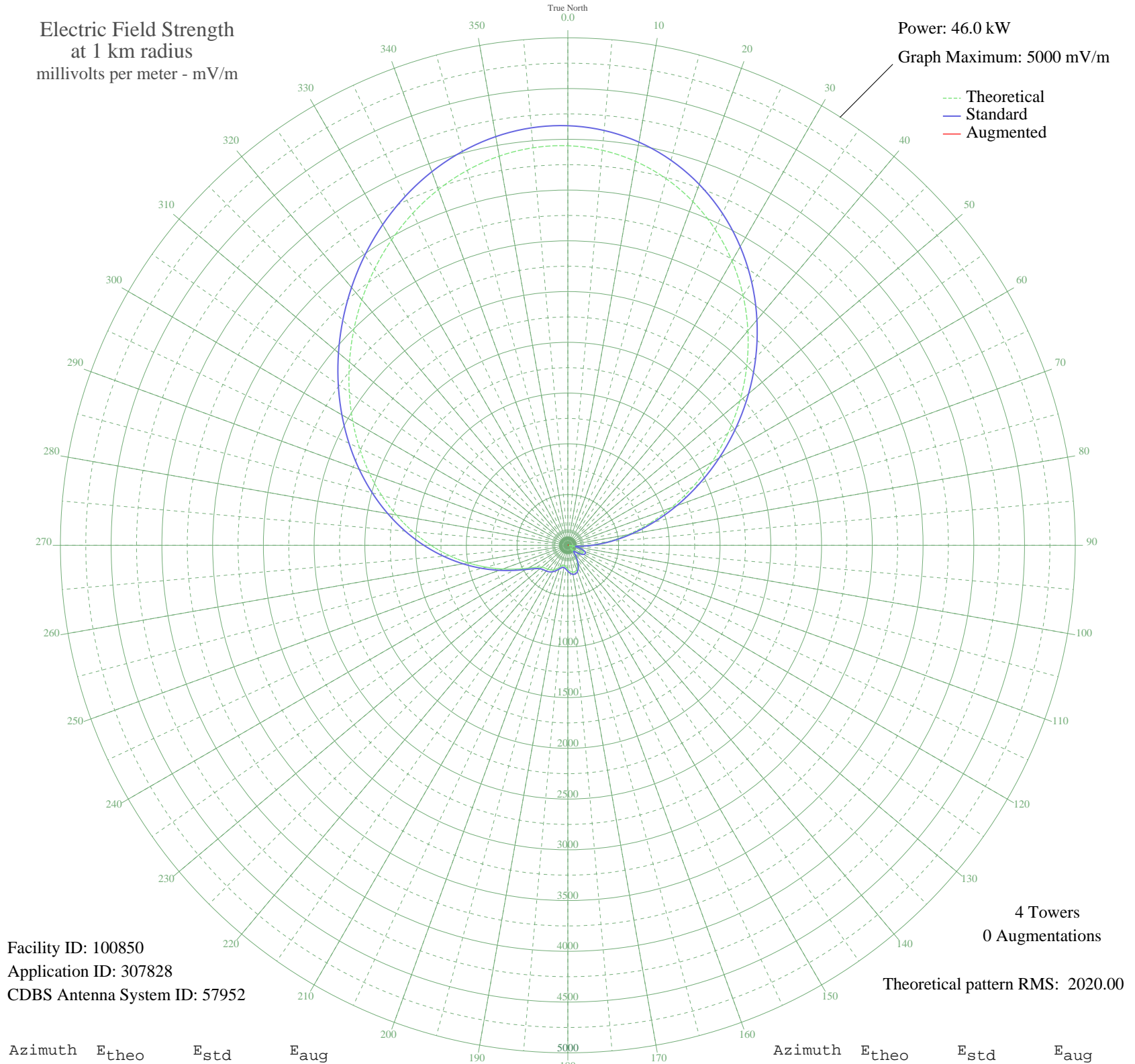


# CHRB HIGH RIVER, AB Canada -- 1140 kHz

Nighttime

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

Power: 46.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 100850  
Application ID: 307828  
CDBS Antenna System ID: 57952

4 Towers  
0 Augmentations

Theoretical pattern RMS: 2020.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	3936.54	4133.98	
5	3906.73	4102.68	
10	3841.15	4033.84	
15	3739.82	3927.46	
20	3603.68	3784.53	
25	3434.56	3606.99	
30	3235.15	3397.65	
35	3008.89	3160.14	
40	2759.93	2898.80	
45	2493.02	2618.64	
50	2213.45	2325.21	
55	1926.91	2024.51	
60	1639.37	1722.82	
65	1356.94	1426.56	
70	1085.62	1142.13	
75	831.16	875.62	
80	598.78	632.74	
85	392.97	418.72	
90	217.32	239.04	
95	74.53	105.81	
100	36.73	80.99	
105	111.60	137.13	
110	154.88	177.53	
115	168.55	190.77	
120	156.39	178.98	
125	123.35	147.81	
130	76.15	107.07	
135	33.39	79.38	
140	64.61	98.36	
145	123.38	147.83	
150	178.36	200.37	
155	222.98	244.72	
160	253.65	275.69	
165	268.64	290.92	
170	268.15	290.43	
175	254.63	276.68	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	233.12	254.93	
185	211.68	233.39	
190	200.26	222.00	
195	205.78	227.50	
200	226.26	248.02	
205	253.16	275.19	
210	278.09	300.55	
215	296.23	319.09	
220	307.38	330.51	
225	316.77	340.15	
230	335.25	359.15	
235	376.11	401.29	
240	448.17	475.94	
245	551.84	583.79	
250	682.00	719.63	
255	832.18	876.69	
260	996.49	1048.73	
265	1170.11	1230.68	
270	1349.35	1418.60	
275	1531.54	1609.69	
280	1714.94	1802.09	
285	1898.56	1994.76	
290	2081.94	2187.20	
295	2264.93	2379.24	
300	2447.38	2570.74	
305	2628.97	2761.33	
310	2808.88	2950.19	
315	2985.74	3135.84	
320	3157.48	3316.11	
325	3321.33	3488.12	
330	3473.94	3648.33	
335	3611.50	3792.74	
340	3729.95	3917.10	
345	3825.24	4017.13	
350	3893.54	4088.84	
355	3931.53	4128.72	

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission