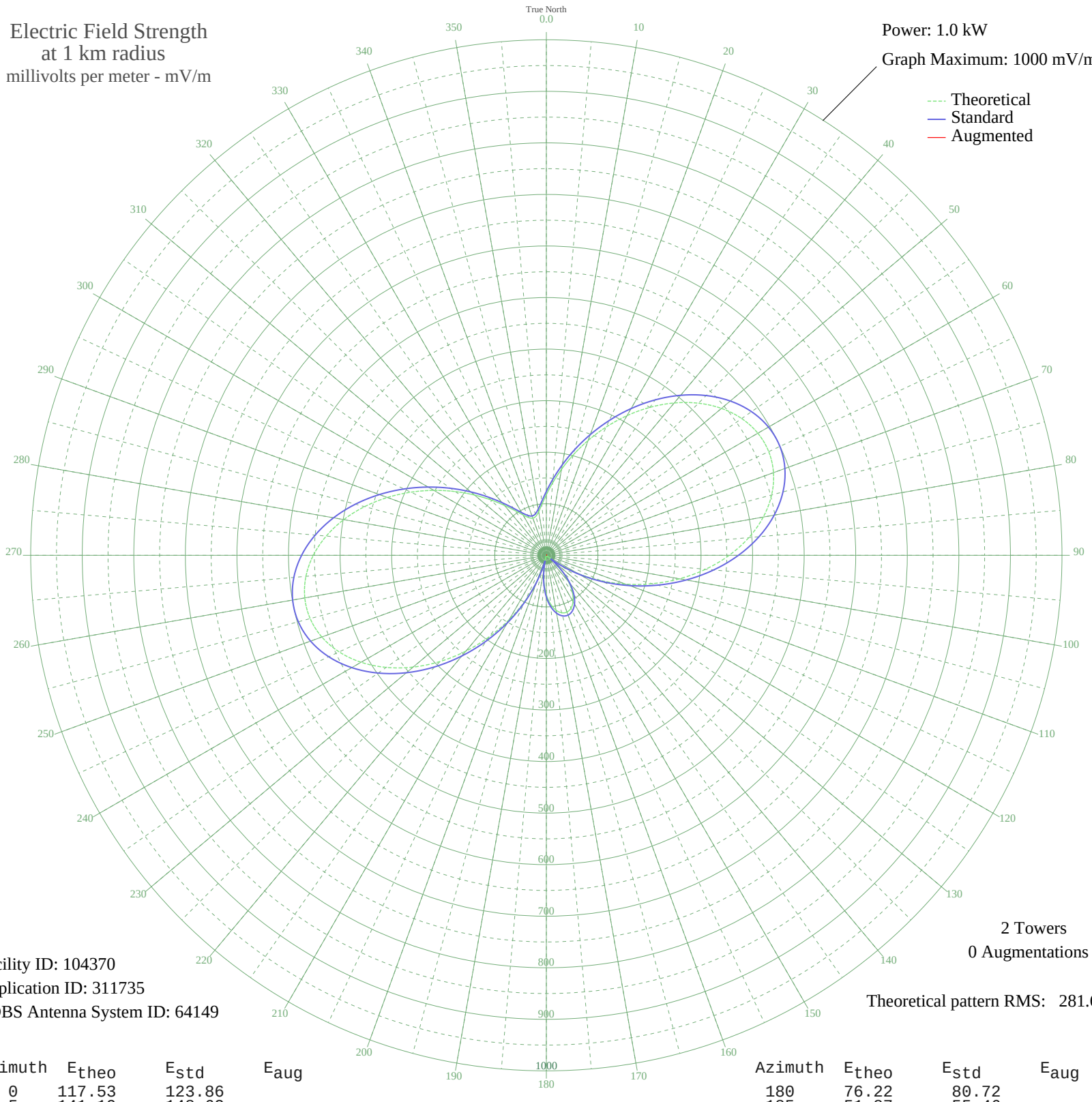
CHQB POWELL RIVER, BC Canada -- 1280 kHz

Unlimited Time

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



Power: 1.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 104370
Application ID: 311735
CDBS Antenna System ID: 64149

Theoretical pattern RMS: 281.64

Azimuth	E_{theo}	E_{std}	E_{aug}
0	117.53	123.86	
5	141.19	148.62	
10	169.47	178.25	
15	201.73	212.08	
20	237.12	249.19	
25	274.57	288.49	
30	312.81	328.62	
35	350.41	368.08	
40	385.78	405.20	
45	417.29	438.28	
50	443.36	465.65	
55	462.55	485.79	
60	473.67	497.46	
65	475.88	499.78	
70	468.76	492.31	
75	452.36	475.10	
80	427.19	448.68	
85	394.19	414.03	
90	354.63	372.51	
95	310.06	325.74	
100	262.17	275.48	
105	212.66	223.54	
110	163.16	171.64	
115	115.15	121.37	
120	69.89	74.13	
125	28.37	31.59	
130	8.63	13.87	
135	40.58	43.88	
140	67.15	71.28	
145	88.14	93.14	
150	103.48	109.16	
155	113.13	119.25	
160	117.10	123.41	
165	115.40	121.62	
170	108.02	113.91	
175	94.96	100.26	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	76.22	80.72	
185	51.87	55.46	
190	22.04	25.41	
195	13.00	17.22	
200	52.78	56.41	
205	96.66	102.03	
210	143.71	151.26	
215	192.77	202.68	
220	242.47	254.81	
225	291.21	305.95	
230	337.31	354.33	
235	379.07	398.16	
240	414.87	435.74	
245	443.30	465.59	
250	463.30	486.58	
255	474.16	497.98	
260	475.66	499.55	
265	468.02	491.54	
270	451.94	474.65	
275	428.46	450.01	
280	398.94	419.02	
285	364.92	383.31	
290	328.02	344.58	
295	289.85	304.52	
300	251.92	264.72	
305	215.56	226.59	
310	181.94	191.32	
315	151.98	159.92	
320	126.41	133.14	
325	105.77	111.55	
330	90.45	95.55	
335	80.70	85.38	
340	76.66	81.17	
345	78.39	82.98	
350	85.87	90.77	
355	98.99	104.47	

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