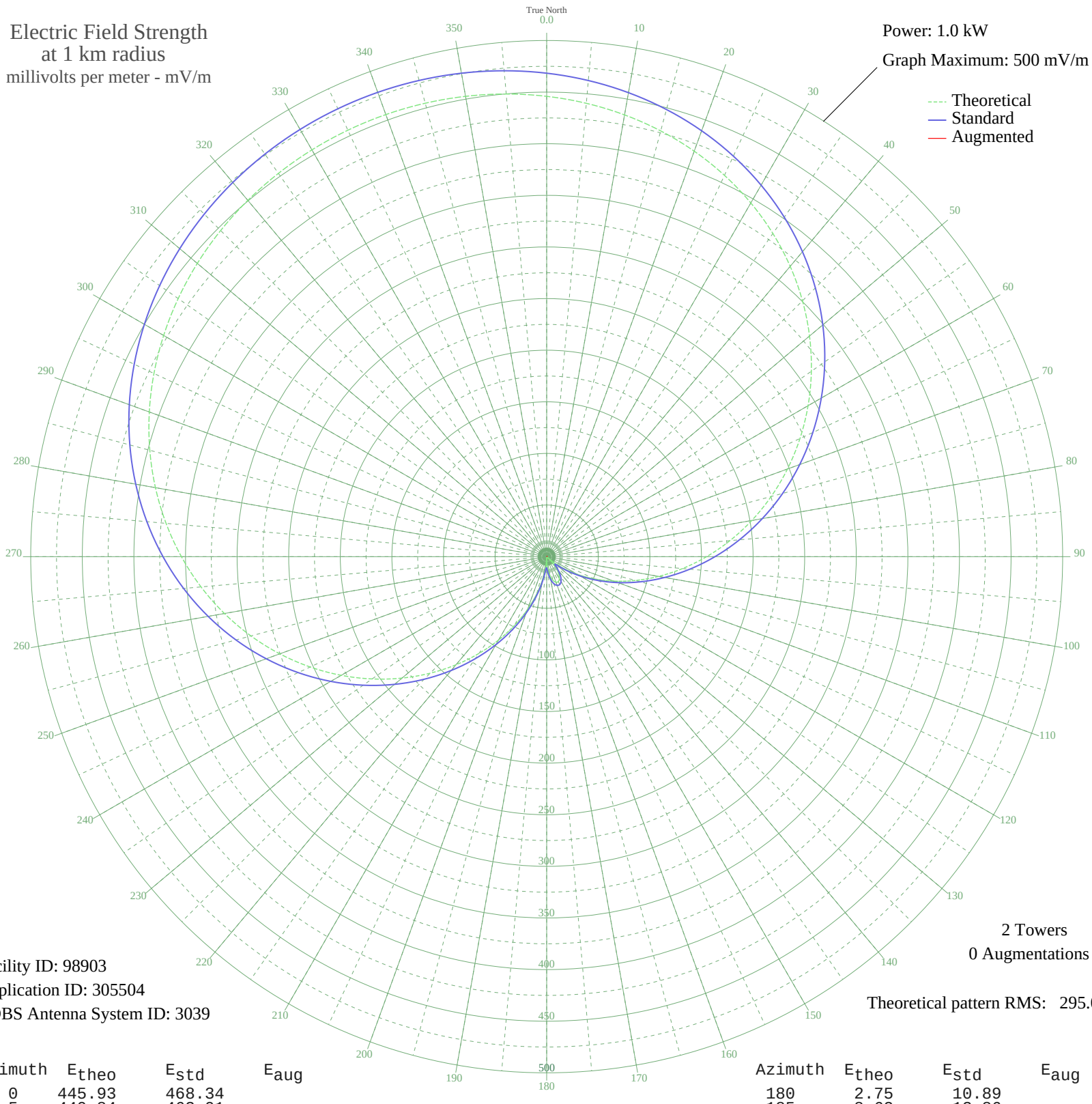
CKBA ATHABASCA, AB Canada -- 850 kHz

Nighttime

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



Power: 1.0 kW

Graph Maximum: 500 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 98903
Application ID: 305504
CDBS Antenna System ID: 3039

Theoretical pattern RMS: 295.00

Azimuth	E_{theo}	E_{std}	E_{aug}
0	445.93	468.34	
5	440.84	463.01	
10	434.56	456.41	
15	426.97	448.44	
20	418.01	439.03	
25	407.59	428.09	
30	395.65	415.56	
35	382.16	401.40	
40	367.11	385.61	
45	350.54	368.22	
50	332.50	349.29	
55	313.11	328.93	
60	292.49	307.29	
65	270.83	284.56	
70	248.33	260.96	
75	225.24	236.73	
80	201.81	212.16	
85	178.30	187.51	
90	155.01	163.10	
95	132.19	139.20	
100	110.13	116.11	
105	89.06	94.10	
110	69.24	73.45	
115	50.86	54.43	
120	34.12	37.34	
125	19.18	22.72	
130	6.18	12.35	
135	4.77	11.63	
140	13.59	17.71	
145	20.20	23.66	
150	24.55	27.83	
155	26.62	29.86	
160	26.39	29.63	
165	23.86	27.17	
170	19.05	22.59	
175	12.00	16.40	
180	2.75	10.89	
185	8.62	13.86	
190	22.02	25.40	
195	37.33	40.58	
200	54.41	58.09	
205	73.09	77.46	
210	93.18	98.40	
215	114.47	120.65	
220	136.70	143.92	
225	159.64	167.95	
230	183.00	192.43	
235	206.51	217.09	
240	229.89	241.62	
245	252.89	265.74	
250	275.23	289.18	
255	296.70	311.71	
260	317.09	333.11	
265	336.22	353.19	
270	353.97	371.82	
275	370.25	388.90	
280	384.98	404.37	
285	398.16	418.20	
290	409.79	430.41	
295	419.92	441.04	
300	428.60	450.15	
305	435.92	457.83	
310	441.95	464.17	
315	446.80	469.26	
320	450.55	473.19	
325	453.27	476.04	
330	455.01	477.88	
335	455.83	478.74	
340	455.74	478.64	
345	454.74	477.59	
350	452.80	475.56	
355	449.88	472.50	

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
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