

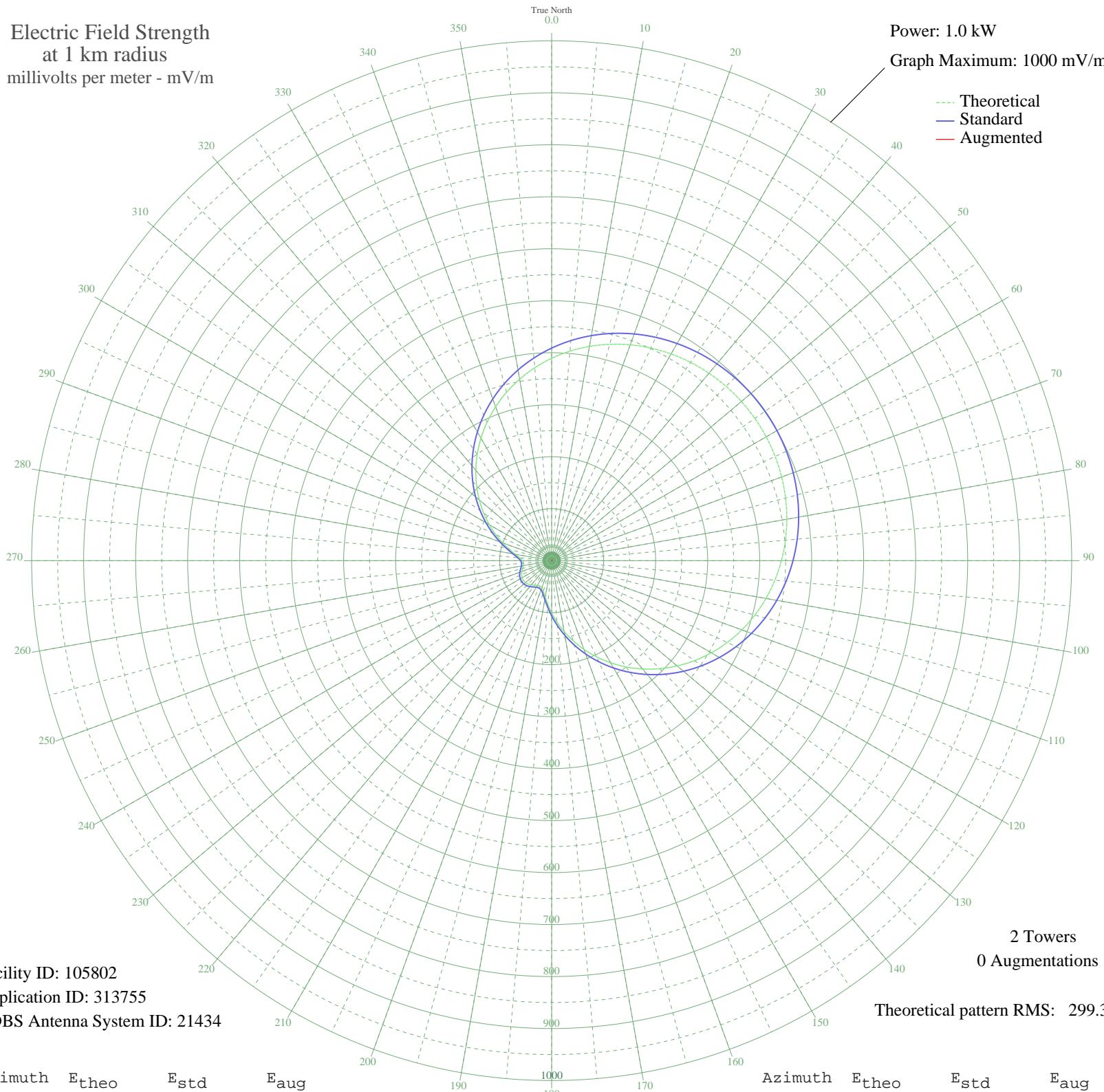
# CKDY DIGBY, NS Canada -- 1420 kHz

Unlimited Time

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

Power: 1.0 kW

Graph Maximum: 1000 mV/m



Facility ID: 105802  
Application ID: 313755  
CDBS Antenna System ID: 21434

2 Towers  
0 Augmentations

Theoretical pattern RMS: 299.34

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	389.24	408.87	
5	404.58	424.96	
10	418.47	439.55	
15	430.89	452.59	
20	441.82	464.06	
25	451.25	473.96	
30	459.19	482.29	
35	465.66	489.08	
40	470.66	494.33	
45	474.22	498.06	
50	476.35	500.30	
55	477.05	501.04	
60	476.35	500.30	
65	474.22	498.06	
70	470.66	494.33	
75	465.66	489.08	
80	459.19	482.29	
85	451.25	473.96	
90	441.82	464.06	
95	430.89	452.59	
100	418.47	439.55	
105	404.58	424.96	
110	389.24	408.87	
115	372.52	391.32	
120	354.50	372.41	
125	335.28	352.24	
130	315.00	330.96	
135	293.81	308.72	
140	271.90	285.73	
145	249.47	262.21	
150	226.76	238.39	
155	204.02	214.54	
160	181.52	190.95	
165	159.55	167.93	
170	138.45	145.84	
175	118.58	125.05	

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

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	100.37	106.04	
185	84.36	89.34	
190	71.16	75.62	
195	61.48	65.60	
200	55.82	59.76	
205	54.02	57.91	
210	55.14	59.06	
215	57.85	61.85	
220	60.96	65.06	
225	63.66	67.85	
230	65.45	69.71	
235	66.08	70.35	
240	65.45	69.71	
245	63.66	67.85	
250	60.96	65.06	
255	57.85	61.85	
260	55.14	59.06	
265	54.02	57.91	
270	55.82	59.76	
275	61.48	65.60	
280	71.16	75.62	
285	84.36	89.34	
290	100.37	106.04	
295	118.58	125.05	
300	138.45	145.84	
305	159.55	167.93	
310	181.52	190.95	
315	204.02	214.54	
320	226.76	238.39	
325	249.47	262.21	
330	271.90	285.73	
335	293.81	308.72	
340	315.00	330.96	
345	335.28	352.24	
350	354.50	372.41	
355	372.52	391.32	