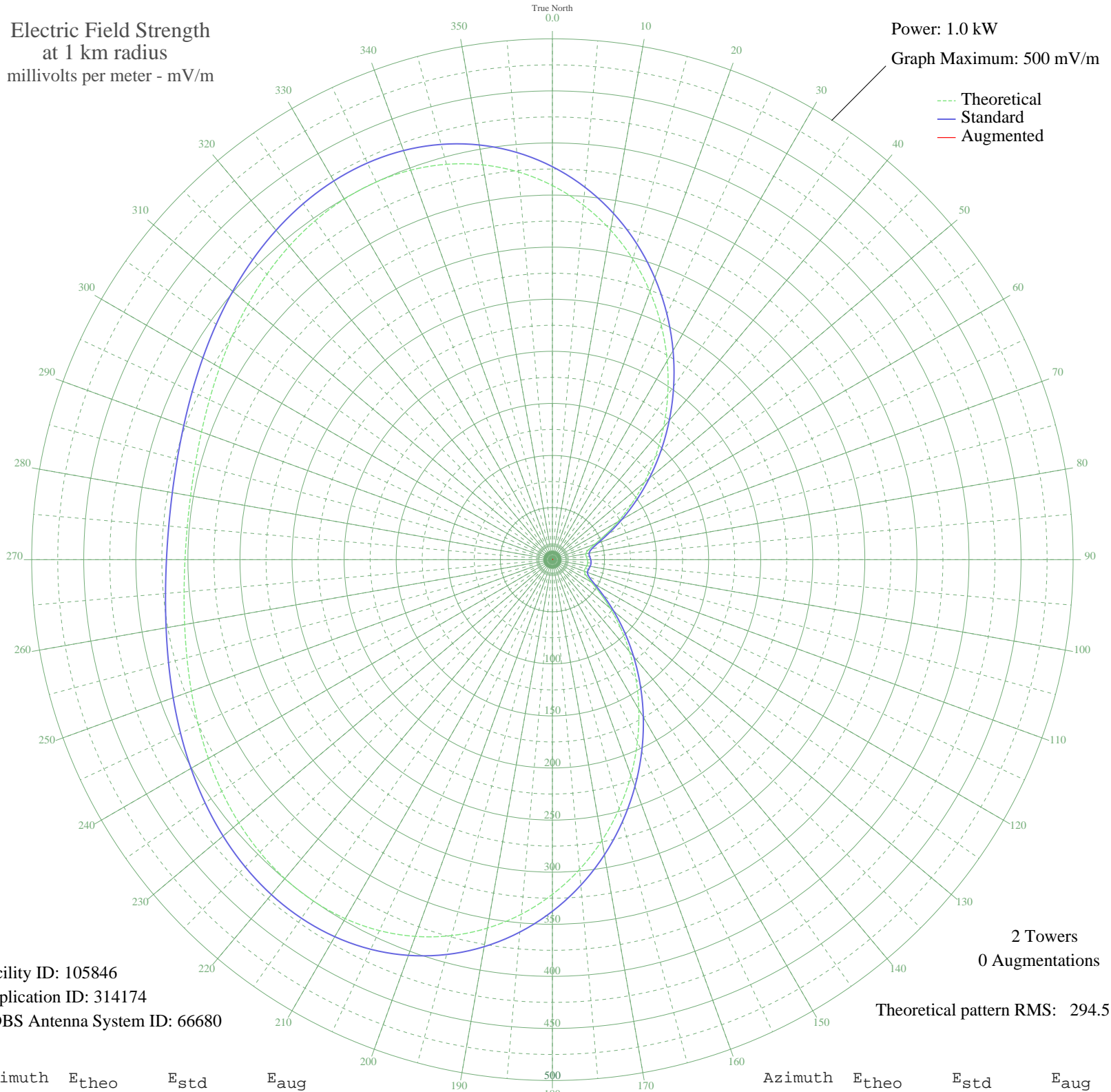


# CKAY DUNCAN, BC Canada -- 1500 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 105846  
Application ID: 314174  
CDBS Antenna System ID: 66680

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 294.51

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	359.15	377.25	
5	341.64	358.88	
10	321.33	337.56	
15	298.57	313.67	
20	273.81	287.70	
25	247.59	260.18	
30	220.48	231.74	
35	193.07	203.00	
40	165.98	174.60	
45	139.80	147.16	
50	115.10	121.31	
55	92.46	97.65	
60	72.47	76.81	
65	55.81	59.53	
70	43.28	46.64	
75	35.62	38.85	
80	32.65	35.85	
85	32.68	35.89	
90	33.61	36.82	
95	34.06	37.28	
100	33.61	36.82	
105	32.68	35.89	
110	32.65	35.85	
115	35.62	38.85	
120	43.28	46.64	
125	55.81	59.53	
130	72.47	76.81	
135	92.46	97.65	
140	115.10	121.31	
145	139.80	147.16	
150	165.98	174.60	
155	193.07	203.00	
160	220.48	231.74	
165	247.59	260.18	
170	273.81	287.70	
175	298.57	313.67	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	321.33	337.56	
185	341.64	358.88	
190	359.15	377.25	
195	373.59	392.41	
200	384.85	404.23	
205	392.92	412.70	
210	397.91	417.94	
215	400.06	420.19	
220	399.68	419.80	
225	397.17	417.17	
230	392.99	412.77	
235	387.60	407.11	
240	381.49	400.70	
245	375.12	394.01	
250	368.93	387.52	
255	363.31	381.61	
260	358.58	376.65	
265	355.01	372.91	
270	352.79	370.58	
275	352.04	369.79	
280	352.79	370.58	
285	355.01	372.91	
290	358.58	376.65	
295	363.31	381.61	
300	368.93	387.52	
305	375.12	394.01	
310	381.49	400.70	
315	387.60	407.11	
320	392.99	412.77	
325	397.17	417.17	
330	399.68	419.80	
335	400.06	420.19	
340	397.91	417.94	
345	392.92	412.70	
350	384.85	404.23	
355	373.59	392.41	