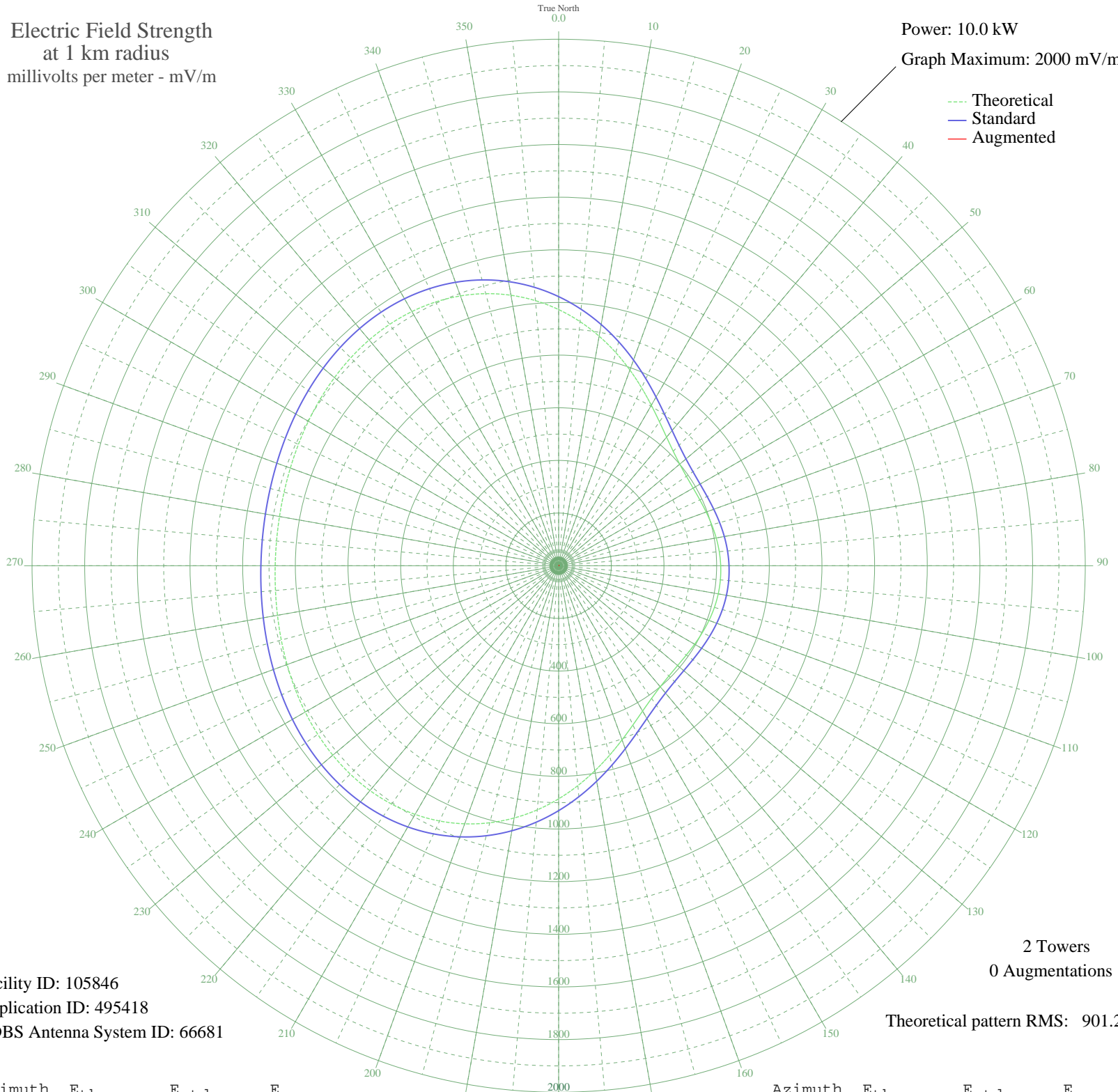


# CKAY DUNCAN, BC Canada -- 1500 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 105846  
Application ID: 495418  
CDBS Antenna System ID: 66681

2 Towers  
0 Augmentations

Theoretical pattern RMS: 901.23

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	973.05	1022.24	
5	930.87	977.98	
10	885.46	930.33	
15	838.30	880.84	
20	791.08	831.30	
25	745.67	783.66	
30	703.90	739.84	
35	667.45	701.61	
40	637.65	670.36	
45	615.25	646.87	
50	600.33	631.22	
55	592.26	622.76	
60	589.89	620.27	
65	591.73	622.21	
70	596.23	626.92	
75	601.94	632.91	
80	607.62	638.87	
85	612.34	643.82	
90	615.43	647.06	
95	616.51	648.18	
100	615.43	647.06	
105	612.34	643.82	
110	607.62	638.87	
115	601.94	632.91	
120	596.23	626.92	
125	591.73	622.21	
130	589.89	620.27	
135	592.26	622.76	
140	600.33	631.22	
145	615.25	646.87	
150	637.65	670.36	
155	667.45	701.61	
160	703.90	739.84	
165	745.67	783.66	
170	791.08	831.30	
175	838.30	880.84	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	885.46	930.33	
185	930.87	977.98	
190	973.05	1022.24	
195	1010.82	1061.88	
200	1043.30	1095.97	
205	1069.99	1123.98	
210	1090.68	1145.70	
215	1105.50	1161.25	
220	1114.84	1171.05	
225	1119.29	1175.72	
230	1119.63	1176.08	
235	1116.71	1173.02	
240	1111.47	1167.52	
245	1104.80	1160.52	
250	1097.57	1152.92	
255	1090.54	1145.54	
260	1084.36	1139.07	
265	1079.57	1134.04	
270	1076.55	1130.86	
275	1075.51	1129.77	
280	1076.55	1130.86	
285	1079.57	1134.04	
290	1084.36	1139.07	
295	1090.54	1145.54	
300	1097.57	1152.92	
305	1104.80	1160.52	
310	1111.47	1167.52	
315	1116.71	1173.02	
320	1119.63	1176.08	
325	1119.29	1175.72	
330	1114.84	1171.05	
335	1105.50	1161.25	
340	1090.68	1145.70	
345	1069.99	1123.98	
350	1043.30	1095.97	
355	1010.82	1061.88	

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.

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17 Oct 2009

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission