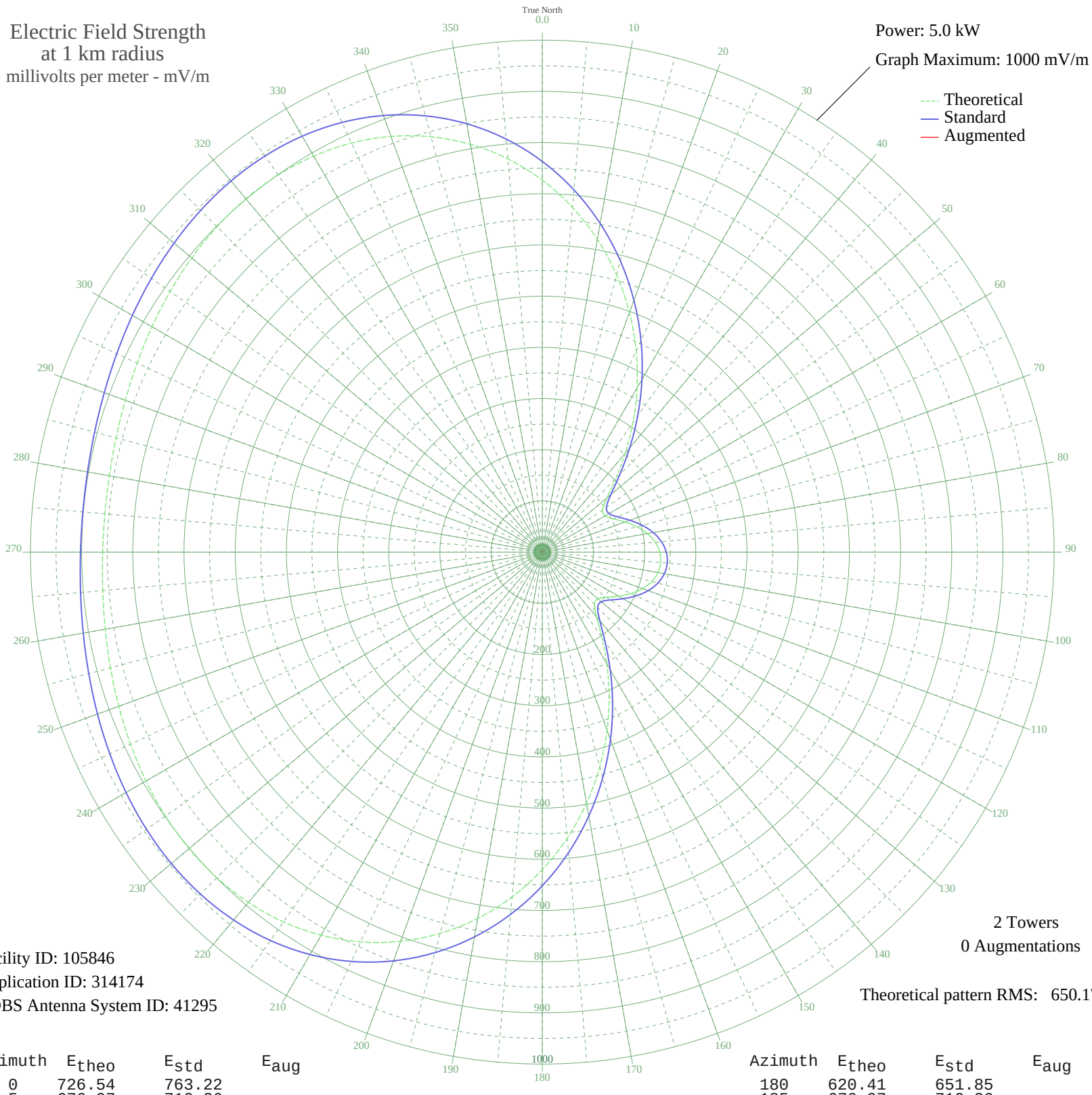
CKAY DUNCAN, BC Canada -- 1500 kHz

Daytime

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



Power: 5.0 kW

Graph Maximum: 1000 mV/m

Theoretical
Standard
Augmented

2 Towers
0 Augmentations

Facility ID: 105846
Application ID: 314174
CDBS Antenna System ID: 41295

Theoretical pattern RMS: 650.17

Azimuth	E_{theo}	E_{std}	E_{aug}
0	726.54	763.22	
5	676.07	710.26	
10	620.41	651.85	
15	560.62	589.12	
20	497.99	523.42	
25	434.00	456.30	
30	370.31	389.53	
35	308.84	325.13	
40	251.91	265.54	
45	202.58	214.00	
50	165.04	174.87	
55	144.12	153.13	
60	141.73	150.66	
65	153.45	162.83	
70	171.88	181.99	
75	191.29	202.22	
80	208.41	220.09	
85	221.49	233.74	
90	229.62	242.24	
95	232.37	245.12	
100	229.62	242.24	
105	221.49	233.74	
110	208.41	220.09	
115	191.29	202.22	
120	171.88	181.99	
125	153.45	162.83	
130	141.73	150.66	
135	144.12	153.13	
140	165.04	174.87	
145	202.58	214.00	
150	251.91	265.54	
155	308.84	325.13	
160	370.31	389.53	
165	434.00	456.30	
170	497.99	523.42	
175	560.62	589.12	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	620.41	651.85	
185	676.07	710.26	
190	726.53	763.22	
195	770.99	809.88	
200	808.87	849.64	
205	839.90	882.21	
210	864.08	907.59	
215	881.68	926.07	
220	893.19	938.15	
225	899.31	944.57	
230	900.86	946.20	
235	898.78	944.01	
240	894.05	939.05	
245	887.64	932.31	
250	880.46	924.78	
255	873.35	917.32	
260	867.04	910.70	
265	862.10	905.51	
270	858.97	902.22	
275	857.89	901.09	
280	858.97	902.22	
285	862.10	905.51	
290	867.04	910.70	
295	873.35	917.32	
300	880.46	924.78	
305	887.64	932.31	
310	894.05	939.05	
315	898.78	944.01	
320	900.86	946.20	
325	899.31	944.57	
330	893.19	938.15	
335	881.68	926.07	
340	864.08	907.59	
345	839.90	882.21	
350	808.87	849.64	
355	770.99	809.88	

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission