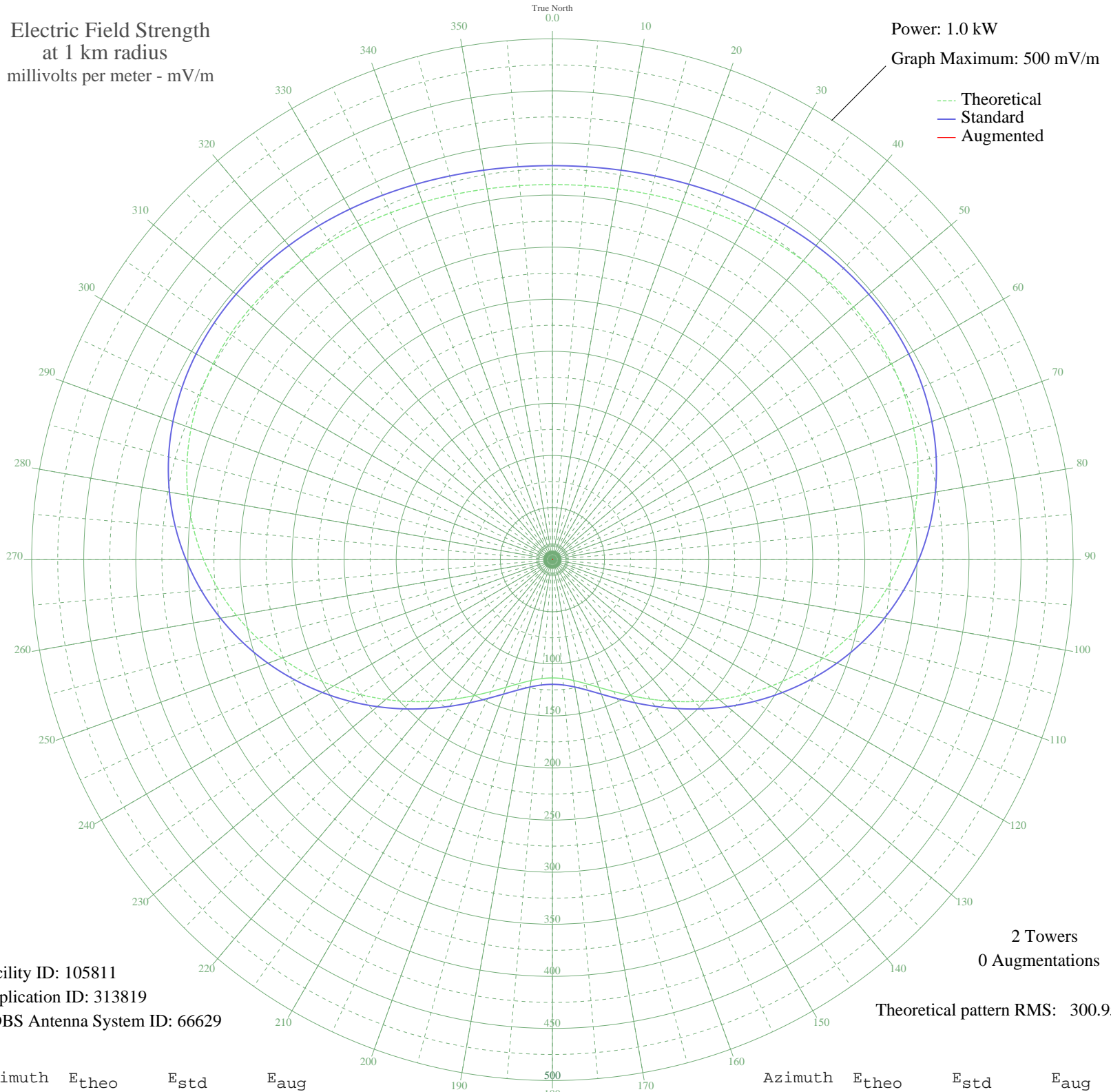


# CFCP COURTENAY, BC Canada -- 1440 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 105811  
Application ID: 313819  
CDBS Antenna System ID: 66629

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 300.95

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	360.08	378.23	
5	360.42	378.59	
10	361.41	379.63	
15	362.99	381.29	
20	365.05	383.45	
25	367.46	385.97	
30	370.02	388.66	
35	372.53	391.30	
40	374.77	393.64	
45	376.48	395.45	
50	377.44	396.45	
55	377.39	396.40	
60	376.12	395.07	
65	373.43	392.24	
70	369.16	387.76	
75	363.20	381.50	
80	355.49	373.41	
85	346.04	363.49	
90	334.90	351.80	
95	322.19	338.46	
100	308.08	323.66	
105	292.81	307.63	
110	276.62	290.64	
115	259.81	273.00	
120	242.69	255.04	
125	225.58	237.09	
130	208.80	219.49	
135	192.65	202.55	
140	177.42	186.58	
145	163.36	171.85	
150	150.73	158.61	
155	139.70	147.06	
160	130.46	137.38	
165	123.13	129.71	
170	117.82	124.16	
175	114.61	120.80	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	113.53	119.67	
185	114.61	120.80	
190	117.82	124.16	
195	123.13	129.71	
200	130.46	137.38	
205	139.70	147.06	
210	150.72	158.61	
215	163.36	171.85	
220	177.42	186.58	
225	192.65	202.55	
230	208.80	219.49	
235	225.58	237.09	
240	242.69	255.04	
245	259.81	273.00	
250	276.62	290.64	
255	292.81	307.63	
260	308.08	323.66	
265	322.19	338.46	
270	334.90	351.80	
275	346.04	363.49	
280	355.49	373.41	
285	363.20	381.50	
290	369.16	387.76	
295	373.43	392.24	
300	376.12	395.07	
305	377.39	396.40	
310	377.44	396.45	
315	376.48	395.45	
320	374.77	393.64	
325	372.53	391.30	
330	370.02	388.66	
335	367.46	385.97	
340	365.05	383.45	
345	362.99	381.29	
350	361.41	379.63	
355	360.42	378.59	

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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04 Jul 2009

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Prepared by Audio Division, Media Bureau  
Federal Communications Commission