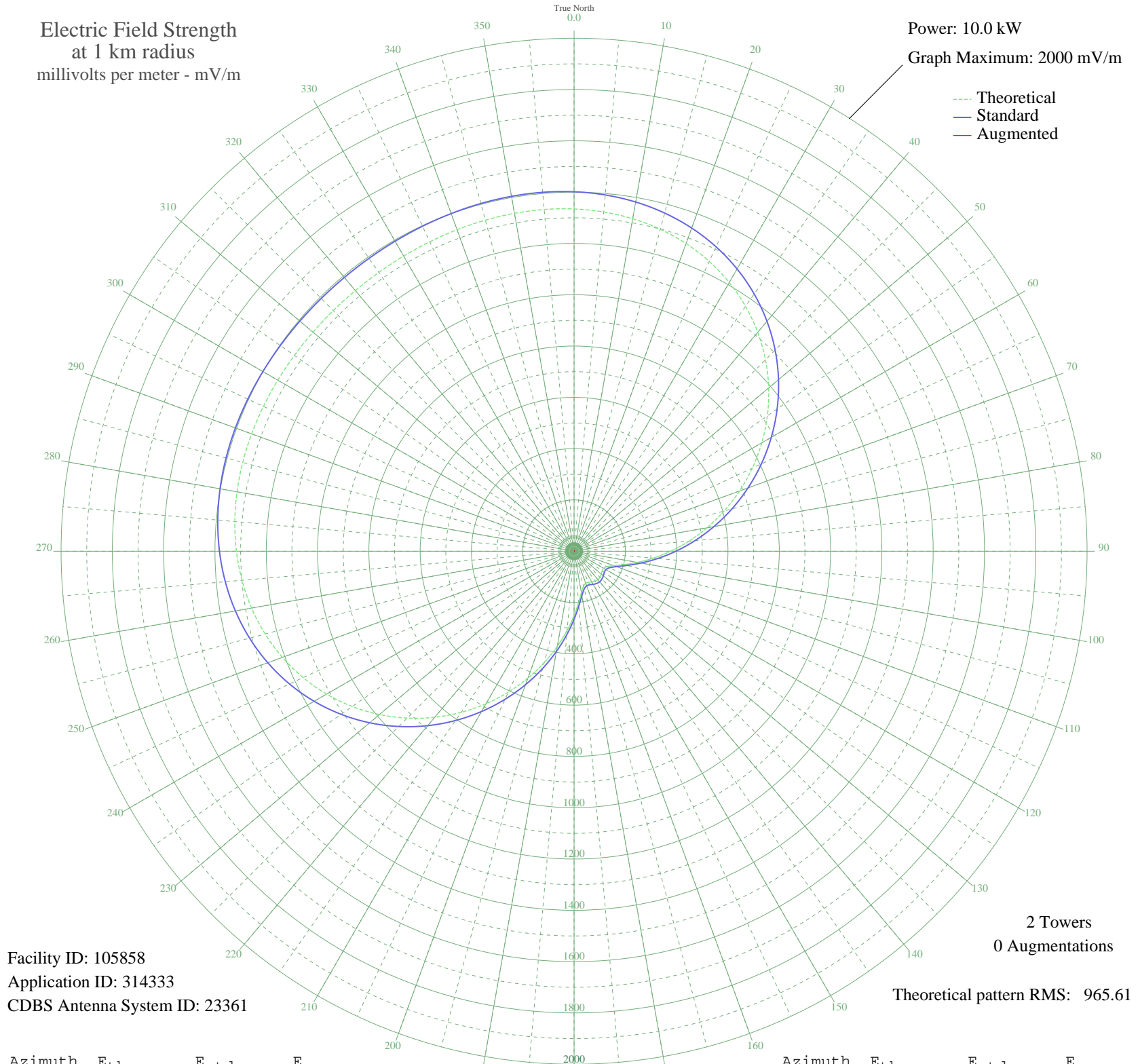


# CKEG NANAIMO, BC Canada -- 1570 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 105858  
Application ID: 314333  
CDBS Antenna System ID: 23361

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 965.61

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1334.31	1401.42	
5	1327.58	1394.35	
10	1316.26	1382.48	
15	1299.51	1364.89	
20	1276.56	1340.80	
25	1246.82	1309.58	
30	1209.88	1270.81	
35	1165.57	1224.29	
40	1113.95	1170.12	
45	1055.37	1108.64	
50	990.42	1040.47	
55	919.93	966.49	
60	844.94	887.81	
65	766.69	805.71	
70	686.54	721.63	
75	605.92	637.09	
80	526.37	553.69	
85	449.42	473.06	
90	376.66	396.88	
95	309.76	326.94	
100	250.58	265.20	
105	201.29	213.94	
110	164.34	175.73	
115	141.71	152.46	
120	132.86	143.40	
125	133.60	144.16	
130	138.36	149.02	
135	142.78	153.55	
140	144.50	155.31	
145	142.78	153.55	
150	138.36	149.02	
155	133.60	144.16	
160	132.86	143.40	
165	141.71	152.46	
170	164.34	175.73	
175	201.29	213.94	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	250.58	265.20	
185	309.76	326.94	
190	376.66	396.88	
195	449.42	473.06	
200	526.37	553.68	
205	605.92	637.09	
210	686.54	721.63	
215	766.69	805.71	
220	844.94	887.81	
225	919.93	966.49	
230	990.42	1040.47	
235	1055.37	1108.64	
240	1113.95	1170.12	
245	1165.57	1224.29	
250	1209.88	1270.81	
255	1246.82	1309.58	
260	1276.56	1340.80	
265	1299.51	1364.89	
270	1316.26	1382.48	
275	1327.58	1394.35	
280	1334.31	1401.42	
285	1337.38	1404.64	
290	1337.73	1405.01	
295	1336.26	1403.47	
300	1333.81	1400.89	
305	1331.09	1398.04	
310	1328.71	1395.54	
315	1327.10	1393.85	
320	1326.53	1393.25	
325	1327.10	1393.85	
330	1328.71	1395.54	
335	1331.09	1398.04	
340	1333.81	1400.89	
345	1336.26	1403.47	
350	1337.73	1405.01	
355	1337.38	1404.64	

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission