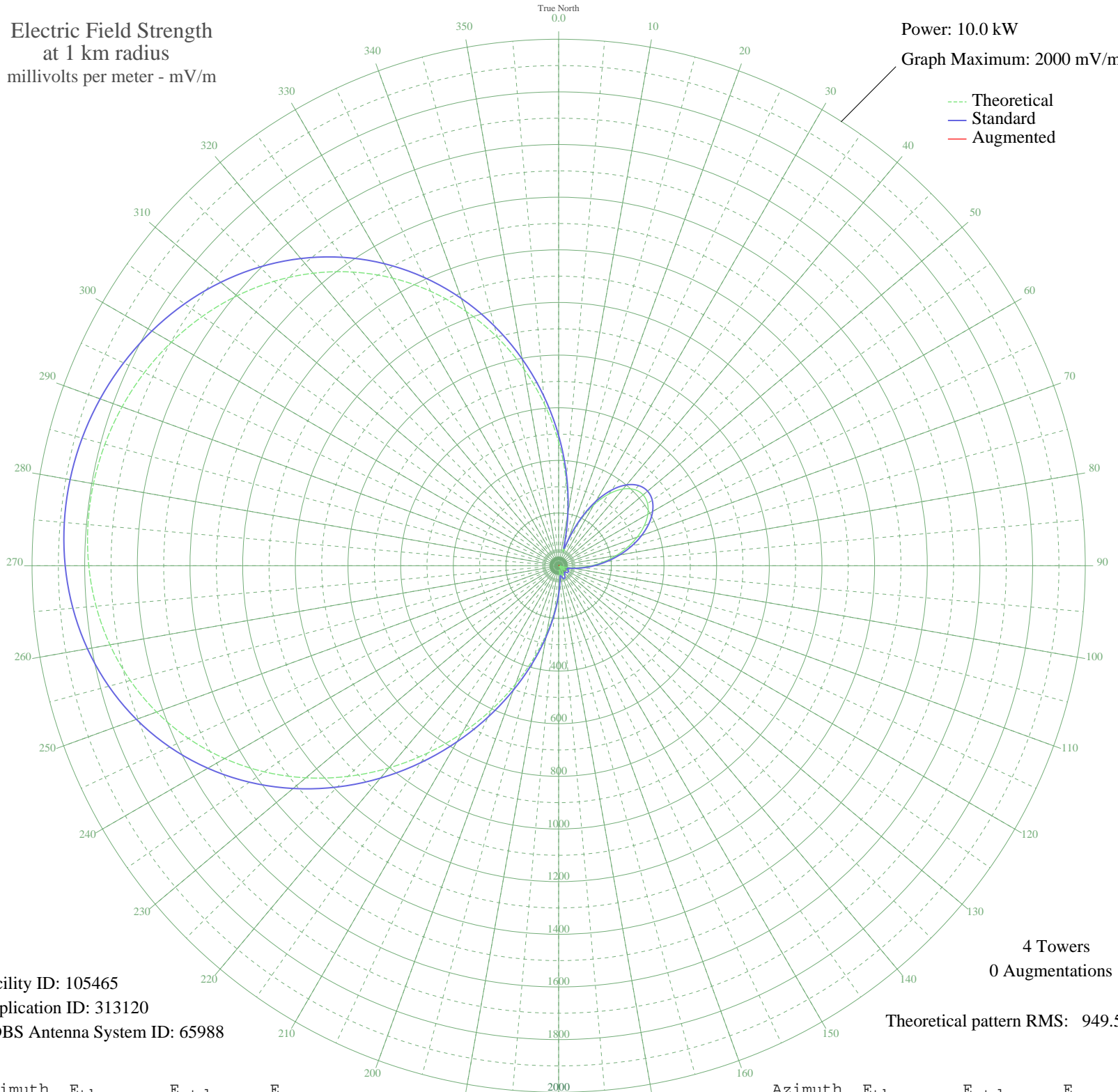


# CKEG NANAIMO, BC Canada -- 1350 kHz

Unlimited Time

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

Power: 10.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 105465  
Application ID: 313120  
CDBS Antenna System ID: 65988

4 Towers  
0 Augmentations  
Theoretical pattern RMS: 949.51

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	469.92	494.53	
5	326.57	344.50	
10	190.23	202.49	
15	75.43	85.88	
20	88.95	99.13	
25	182.18	194.15	
30	266.19	281.47	
35	332.85	351.07	
40	380.40	400.80	
45	408.72	430.43	
50	418.71	440.89	
55	412.08	433.95	
60	391.14	412.03	
65	358.62	378.01	
70	317.47	335.00	
75	270.70	286.17	
80	221.21	234.63	
85	171.68	183.30	
90	124.50	134.87	
95	81.65	91.94	
100	44.73	57.51	
105	14.88	36.70	
110	7.17	34.05	
115	21.19	39.97	
120	27.38	43.92	
125	26.39	43.25	
130	19.35	38.93	
135	7.82	34.20	
140	6.26	33.85	
145	20.55	39.60	
150	32.48	47.60	
155	39.32	52.98	
160	38.42	52.25	
165	27.87	44.26	
170	15.04	36.77	
175	44.09	56.97	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	98.71	108.83	
185	170.82	182.41	
190	259.21	274.18	
195	362.34	381.91	
200	478.01	503.01	
205	603.33	634.37	
210	734.96	772.42	
215	869.28	913.35	
220	1002.66	1053.32	
225	1131.67	1188.72	
230	1253.27	1316.36	
235	1364.96	1433.60	
240	1464.86	1538.46	
245	1551.72	1629.65	
250	1624.91	1706.48	
255	1684.34	1768.87	
260	1730.32	1817.14	
265	1763.48	1851.95	
270	1784.61	1874.14	
275	1794.57	1884.59	
280	1794.14	1884.14	
285	1783.98	1873.47	
290	1764.54	1853.07	
295	1736.05	1823.15	
300	1698.48	1783.71	
305	1651.59	1734.49	
310	1594.98	1675.05	
315	1528.12	1604.86	
320	1450.49	1523.38	
325	1361.69	1430.16	
330	1261.53	1325.02	
335	1150.21	1208.17	
340	1028.37	1080.30	
345	897.25	942.70	
350	758.70	797.33	
355	615.22	646.83	

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.

04 Jul 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission