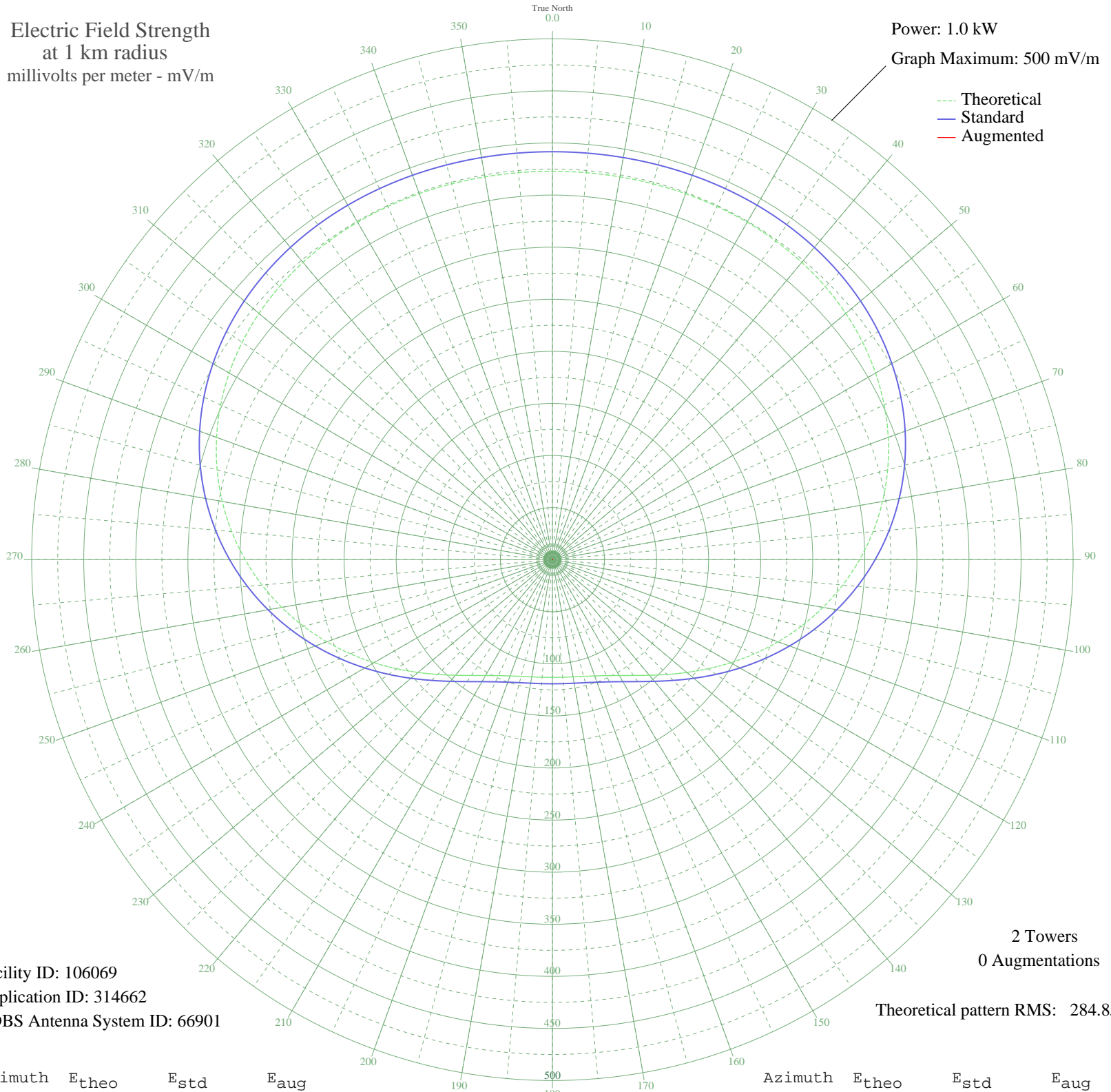


# CKNL FORT ST. JOHN, BC Canada -- 560 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 106069  
Application ID: 314662  
CDBS Antenna System ID: 66901

Theoretical pattern RMS: 284.85

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	372.83	391.61	
5	372.92	391.70	
10	373.16	391.96	
15	373.51	392.32	
20	373.86	392.69	
25	374.10	392.95	
30	374.08	392.92	
35	373.62	392.44	
40	372.54	391.31	
45	370.65	389.32	
50	367.76	386.29	
55	363.69	382.02	
60	358.31	376.37	
65	351.48	369.21	
70	343.14	360.45	
75	333.27	350.09	
80	321.88	338.14	
85	309.07	324.69	
90	294.98	309.91	
95	279.82	294.00	
100	263.82	277.21	
105	247.29	259.86	
110	230.54	242.29	
115	213.92	224.87	
120	197.81	207.96	
125	182.53	191.95	
130	168.44	177.17	
135	155.81	163.93	
140	144.86	152.46	
145	135.72	142.89	
150	128.41	135.24	
155	122.83	129.39	
160	118.77	125.15	
165	116.01	122.26	
170	114.26	120.43	
175	113.31	119.44	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	113.01	119.13	
185	113.31	119.44	
190	114.26	120.43	
195	116.01	122.26	
200	118.77	125.15	
205	122.83	129.39	
210	128.41	135.24	
215	135.72	142.89	
220	144.86	152.46	
225	155.81	163.93	
230	168.44	177.17	
235	182.53	191.95	
240	197.81	207.96	
245	213.92	224.87	
250	230.54	242.29	
255	247.29	259.86	
260	263.82	277.21	
265	279.82	294.00	
270	294.98	309.91	
275	309.07	324.69	
280	321.88	338.14	
285	333.27	350.09	
290	343.14	360.45	
295	351.48	369.21	
300	358.31	376.37	
305	363.69	382.02	
310	367.76	386.29	
315	370.65	389.32	
320	372.54	391.31	
325	373.62	392.44	
330	374.08	392.92	
335	374.10	392.95	
340	373.86	392.69	
345	373.51	392.32	
350	373.16	391.96	
355	372.92	391.70	

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.

06 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission