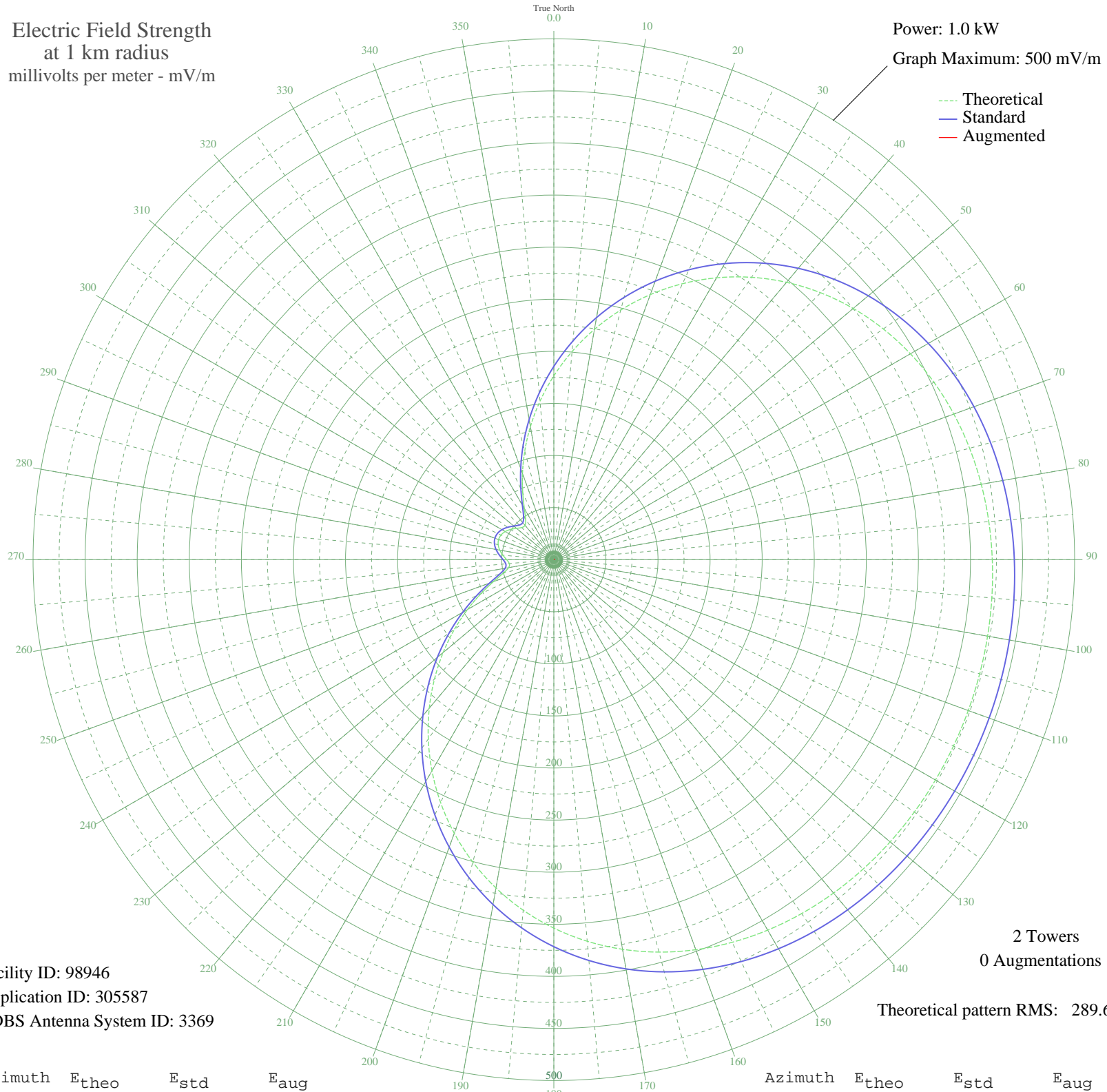


# CKDH AMHERST, NS Canada -- 900 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 500 mV/m



Facility ID: 98946  
Application ID: 305587  
CDBS Antenna System ID: 3369

2 Towers  
0 Augmentations

Theoretical pattern RMS: 289.68

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	176.42	185.53	
5	200.51	210.80	
10	224.52	235.98	
15	248.06	260.67	
20	270.76	284.49	
25	292.30	307.09	
30	312.41	328.20	
35	330.89	347.59	
40	347.56	365.09	
45	362.33	380.60	
50	375.19	394.08	
55	386.14	405.58	
60	395.28	415.18	
65	402.73	423.00	
70	408.66	429.22	
75	413.25	434.04	
80	416.69	437.65	
85	419.20	440.28	
90	420.95	442.12	
95	422.12	443.35	
100	422.86	444.13	
105	423.27	444.56	
110	423.43	444.72	
115	423.36	444.65	
120	423.06	444.33	
125	422.46	443.71	
130	421.48	442.68	
135	419.98	441.10	
140	417.80	438.81	
145	414.75	435.62	
150	410.65	431.31	
155	405.28	425.67	
160	398.46	418.51	
165	390.01	409.64	
170	379.79	398.92	
175	367.71	386.23	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	353.70	371.53	
185	337.78	354.82	
190	320.01	336.18	
195	300.53	315.73	
200	279.53	293.69	
205	257.26	270.32	
210	234.02	245.94	
215	210.15	220.91	
220	186.04	195.62	
225	162.09	170.52	
230	138.73	146.05	
235	116.43	122.71	
240	95.72	101.05	
245	77.21	81.75	
250	61.73	65.67	
255	50.35	53.90	
260	44.08	47.46	
265	42.93	46.29	
270	45.31	48.72	
275	49.09	52.60	
280	52.72	56.34	
285	55.32	59.03	
290	56.45	60.20	
295	55.96	59.69	
300	53.92	57.58	
305	50.62	54.18	
310	46.75	50.20	
315	43.58	46.95	
320	43.07	46.43	
325	47.19	50.65	
330	56.62	60.38	
335	70.60	74.87	
340	88.01	93.01	
345	107.93	113.81	
350	129.66	136.55	
355	152.65	160.63	

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