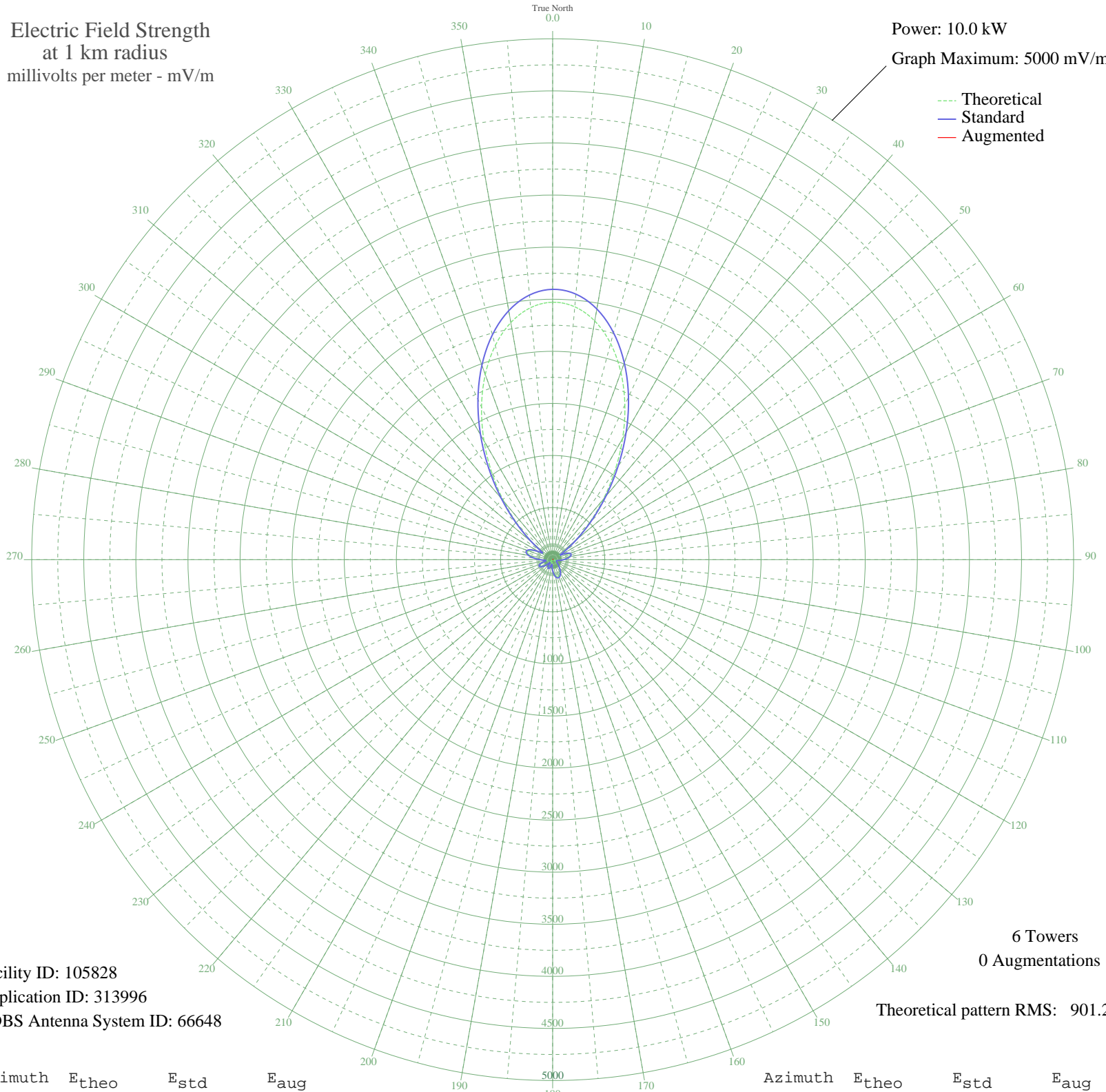


# CHOW WELLAND, ON Canada -- 1470 kHz

Nighttime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m



Facility ID: 105828  
Application ID: 313996  
CDBS Antenna System ID: 66648

6 Towers  
0 Augmentations

Theoretical pattern RMS: 901.23

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	2471.35	2595.13	
5	2436.77	2558.82	
10	2326.70	2443.26	
15	2148.48	2256.15	
20	1914.20	2010.18	
25	1639.60	1721.90	
30	1342.69	1410.22	
35	1042.11	1094.72	
40	755.42	793.89	
45	497.82	523.76	
50	281.69	297.63	
55	121.16	131.48	
60	76.47	86.89	
65	130.47	140.96	
70	166.13	177.57	
75	173.37	185.04	
80	158.55	169.76	
85	129.95	140.43	
90	95.41	105.54	
95	61.41	72.53	
100	32.77	47.82	
105	13.76	36.21	
110	12.63	35.76	
115	19.85	39.20	
120	27.47	43.98	
125	37.57	51.57	
130	51.77	63.70	
135	70.21	80.86	
140	92.18	102.32	
145	116.10	126.35	
150	139.41	150.10	
155	158.64	169.85	
160	170.02	181.58	
165	170.22	181.79	
170	157.25	168.42	
175	131.12	141.62	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	94.31	104.44	
185	52.49	64.34	
190	24.65	42.10	
195	46.80	59.30	
200	73.00	83.53	
205	85.35	95.57	
210	80.42	90.73	
215	58.68	69.99	
220	23.72	41.51	
225	20.46	39.55	
230	64.02	74.97	
235	101.55	111.68	
240	126.40	136.81	
245	133.96	144.52	
250	122.20	132.54	
255	92.72	102.86	
260	55.73	67.29	
265	57.74	69.13	
270	111.10	121.29	
275	171.09	182.69	
280	220.59	233.99	
285	248.83	263.37	
290	246.99	261.45	
295	209.16	222.12	
300	139.05	149.73	
305	109.98	120.15	
310	248.17	262.69	
315	466.48	490.93	
320	727.92	765.03	
325	1016.92	1068.29	
330	1318.27	1384.58	
335	1615.38	1696.47	
340	1890.91	1985.74	
345	2127.93	2234.58	
350	2311.19	2426.97	
355	2428.39	2550.03	

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