

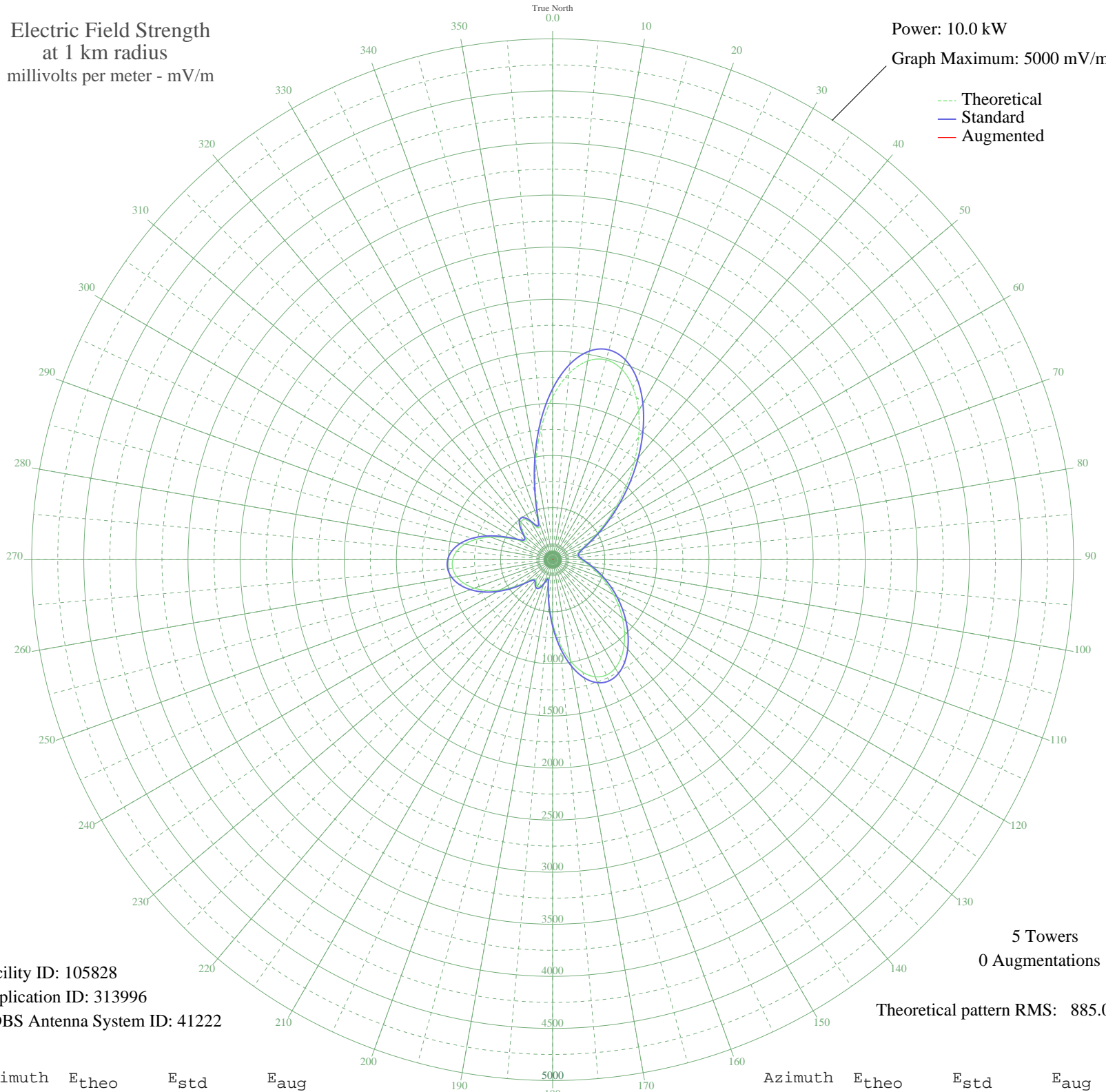
# CHOW WELLAND, ON Canada -- 1470 kHz

Daytime

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

Power: 10.0 kW  
Graph Maximum: 5000 mV/m

--- Theoretical  
— Standard  
— Augmented



Facility ID: 105828  
Application ID: 313996  
CDBS Antenna System ID: 41222

5 Towers  
0 Augmentations  
Theoretical pattern RMS: 885.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1562.48	1640.94	
5	1792.89	1882.83	
10	1936.60	2033.70	
15	1985.48	2085.02	
20	1943.59	2041.04	
25	1824.78	1916.31	
30	1649.20	1731.98	
35	1439.34	1511.67	
40	1216.62	1277.88	
45	998.91	1049.38	
50	799.31	839.93	
55	626.10	658.24	
60	483.55	508.82	
65	373.38	393.45	
70	296.10	312.67	
75	251.53	266.18	
80	237.23	251.29	
85	247.32	261.80	
90	275.05	290.70	
95	315.93	333.38	
100	368.09	387.91	
105	430.98	453.74	
110	504.24	530.50	
115	587.08	617.33	
120	678.00	712.68	
125	774.87	814.29	
130	874.83	919.17	
135	974.05	1023.30	
140	1067.10	1120.95	
145	1146.31	1204.08	
150	1201.68	1262.20	
155	1221.91	1283.43	
160	1196.47	1256.73	
165	1118.58	1174.98	
170	987.91	1037.84	
175	812.37	853.63	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	608.48	639.77	
185	401.54	422.93	
190	232.08	245.94	
195	177.97	189.80	
200	233.66	247.58	
205	285.47	301.57	
210	297.84	314.49	
215	276.38	292.09	
220	249.79	264.37	
225	264.62	279.83	
230	341.54	360.15	
235	455.72	479.66	
240	579.94	609.85	
245	697.89	733.53	
250	800.06	840.72	
255	880.62	925.25	
260	935.72	983.07	
265	962.57	1011.25	
270	959.05	1007.55	
275	923.63	970.38	
280	855.85	899.25	
285	757.28	795.83	
290	633.23	665.72	
295	496.08	521.94	
300	372.55	392.58	
305	312.22	329.51	
310	344.95	363.71	
315	418.51	440.69	
320	470.92	495.58	
325	469.93	494.54	
330	410.54	432.34	
335	337.25	355.66	
340	388.98	409.78	
345	621.14	653.04	
350	937.20	984.62	
355	1266.25	1329.98	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission