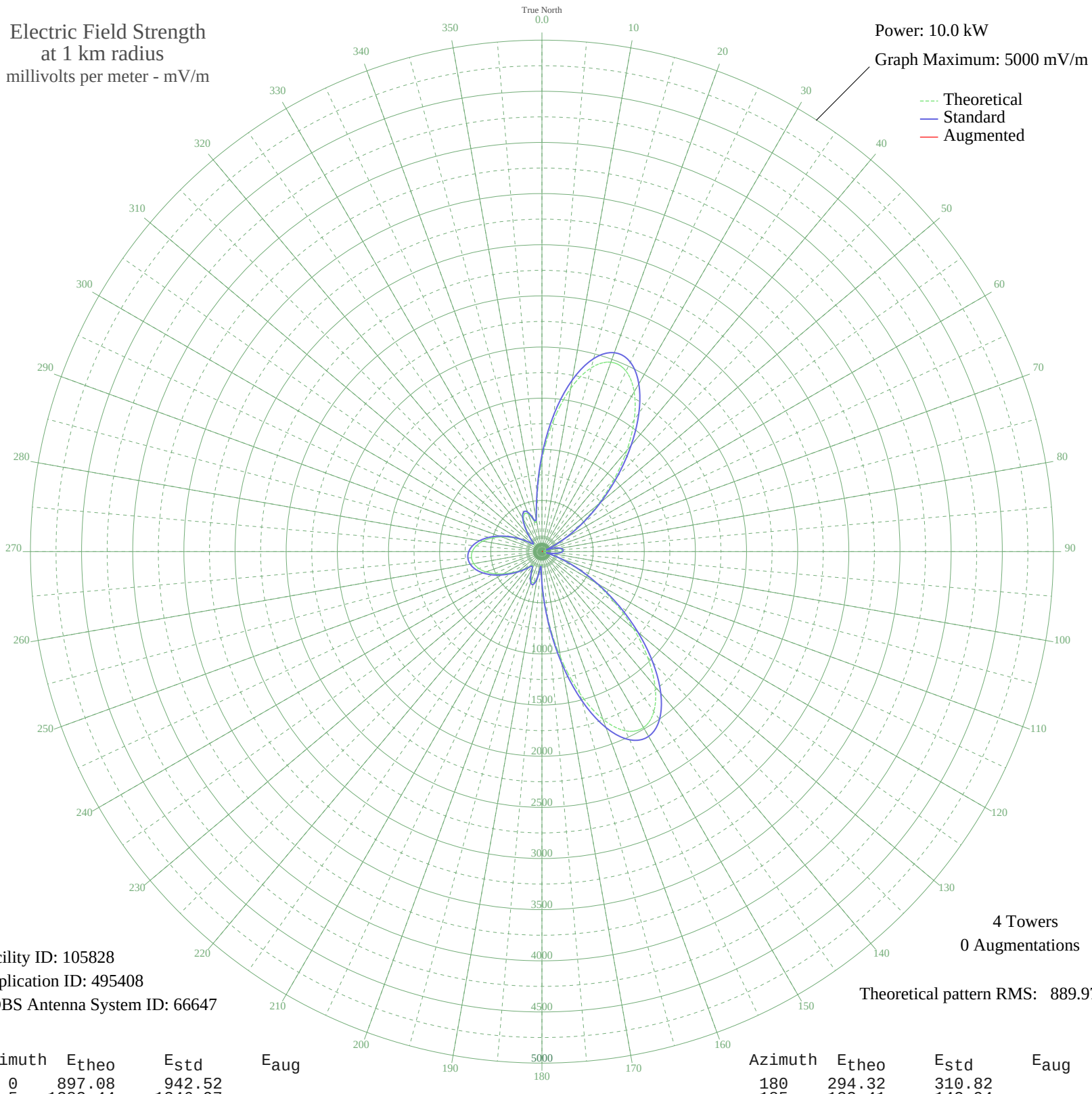
CHOW WELLAND, ON Canada -- 1470 kHz

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

4 Towers
0 Augmentations

Facility ID: 105828
Application ID: 495408
CDBS Antenna System ID: 66647

Theoretical pattern RMS: 889.97

Azimuth	E_{theo}	E_{std}	E_{aug}
0	897.08	942.52	
5	1282.44	1346.97	
10	1620.83	1702.20	
15	1860.22	1953.52	
20	1970.63	2069.42	
25	1946.37	2043.96	
30	1803.48	1893.95	
35	1572.83	1651.81	
40	1291.51	1356.49	
45	994.96	1045.23	
50	711.61	747.92	
55	460.54	484.70	
60	251.81	266.48	
65	89.44	99.61	
70	44.64	57.44	
75	123.90	134.27	
80	174.50	186.21	
85	195.96	208.42	
90	189.43	201.66	
95	154.11	165.18	
100	87.68	97.87	
105	30.56	46.17	
110	167.74	179.23	
115	358.24	377.62	
120	594.20	624.80	
125	868.55	912.58	
130	1165.87	1224.61	
135	1461.15	1534.57	
140	1720.96	1807.32	
145	1907.63	2003.28	
150	1986.17	2085.74	
155	1932.90	2029.82	
160	1743.29	1830.76	
165	1436.27	1508.45	
170	1053.05	1106.20	
175	650.32	683.65	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	294.32	310.82	
185	132.41	142.94	
190	248.60	263.14	
195	315.78	333.23	
200	303.57	320.47	
205	242.98	257.28	
210	179.20	191.06	
215	159.81	171.06	
220	189.59	201.82	
225	237.32	251.39	
230	292.68	309.10	
235	358.04	377.41	
240	432.69	455.54	
245	510.08	536.61	
250	581.41	611.38	
255	638.80	671.56	
260	676.53	711.13	
265	691.05	726.36	
270	680.75	715.56	
275	645.73	678.83	
280	587.81	618.09	
285	510.83	537.40	
290	420.88	443.17	
295	326.13	344.04	
300	235.87	249.88	
305	158.97	170.18	
310	107.44	117.59	
315	111.69	121.88	
320	177.42	189.23	
325	269.01	284.40	
330	355.31	374.55	
335	404.88	426.41	
340	391.10	412.00	
345	318.28	335.84	
350	309.70	326.88	
355	536.25	564.05	

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.

17 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission