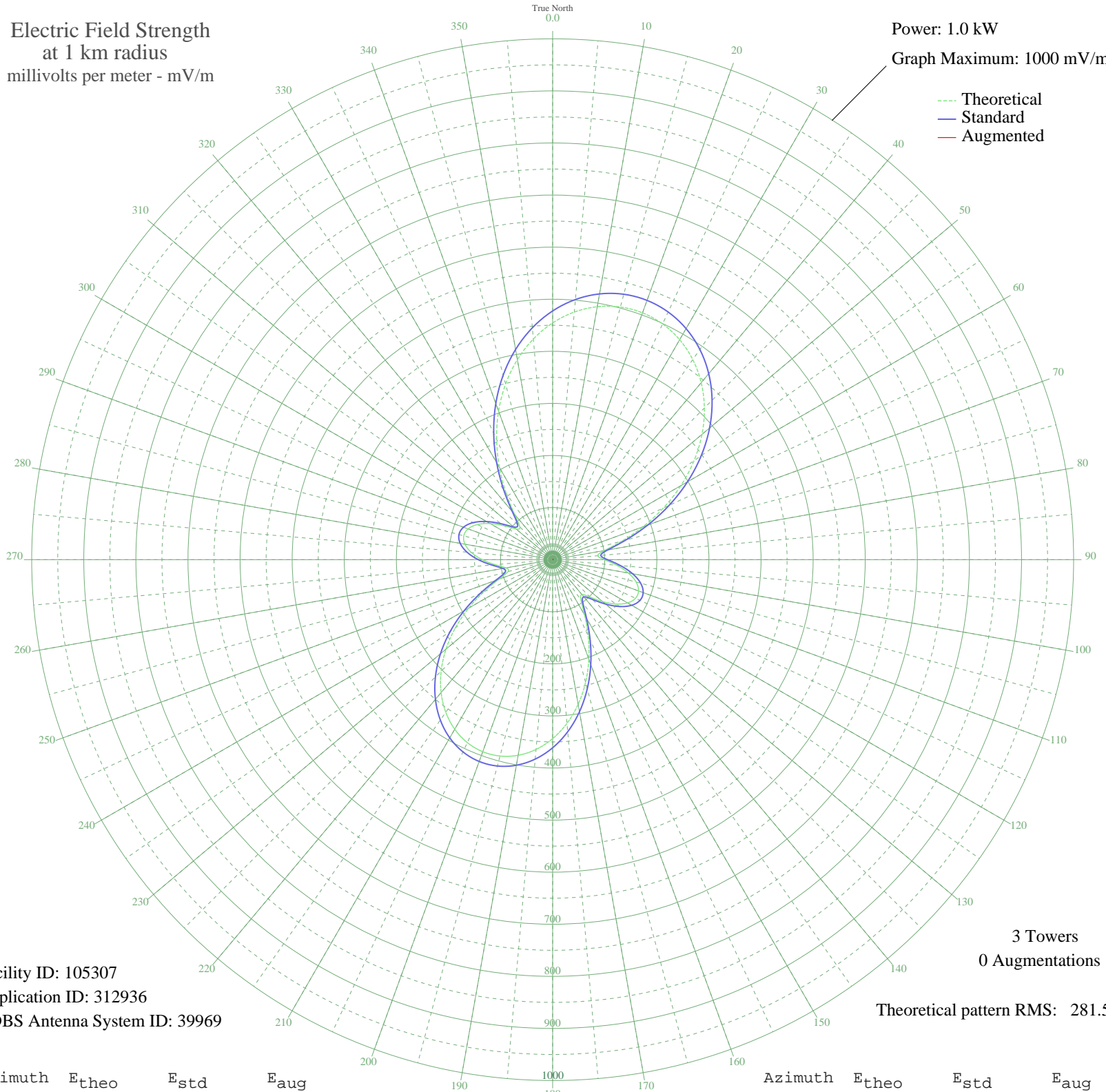


CKDK WOODSTOCK, ON Canada -- 1340 kHz

Daytime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



--- Theoretical
— Standard
— Augmented

Facility ID: 105307
Application ID: 312936
CDBS Antenna System ID: 39969

3 Towers
0 Augmentations

Theoretical pattern RMS: 281.50

Azimuth	E _{theo}	E _{std}	E _{aug}
0	454.54	477.54	
5	477.23	501.35	
10	493.16	518.07	
15	502.19	527.55	
20	504.28	529.74	
25	499.41	524.63	
30	487.61	512.24	
35	468.96	492.67	
40	443.62	466.08	
45	411.88	432.77	
50	374.20	393.24	
55	331.29	348.23	
60	284.20	298.84	
65	234.43	246.68	
70	184.26	194.15	
75	137.41	145.18	
80	100.96	107.23	
85	86.85	92.61	
90	99.03	105.23	
95	123.49	130.67	
100	147.71	155.94	
105	165.88	174.92	
110	175.46	184.94	
115	175.49	184.97	
120	166.12	175.17	
125	148.55	156.81	
130	125.34	132.59	
135	101.59	107.88	
140	87.35	93.12	
145	94.75	100.78	
150	122.89	130.04	
155	161.43	170.26	
160	203.09	213.85	
165	244.01	256.72	
170	281.97	296.50	
175	315.50	331.67	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	343.64	361.19	
185	365.75	384.38	
190	381.39	400.79	
195	390.31	410.15	
200	392.38	412.32	
205	387.56	407.26	
210	375.93	395.06	
215	357.66	375.89	
220	333.08	350.10	
225	302.69	318.23	
230	267.25	281.07	
235	227.90	239.84	
240	186.34	196.32	
245	145.33	153.45	
250	109.82	116.43	
255	88.83	94.65	
260	91.02	96.92	
265	110.65	117.30	
270	135.06	142.72	
275	156.44	165.05	
280	170.95	180.22	
285	176.64	186.17	
290	172.75	182.10	
295	159.55	168.30	
300	138.53	146.35	
305	113.23	119.98	
310	91.72	97.64	
315	89.07	94.91	
320	113.61	120.37	
325	155.41	163.97	
330	204.19	215.00	
335	254.54	267.75	
340	303.45	319.03	
345	349.02	366.83	
350	389.94	409.76	
355	425.32	446.87	

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