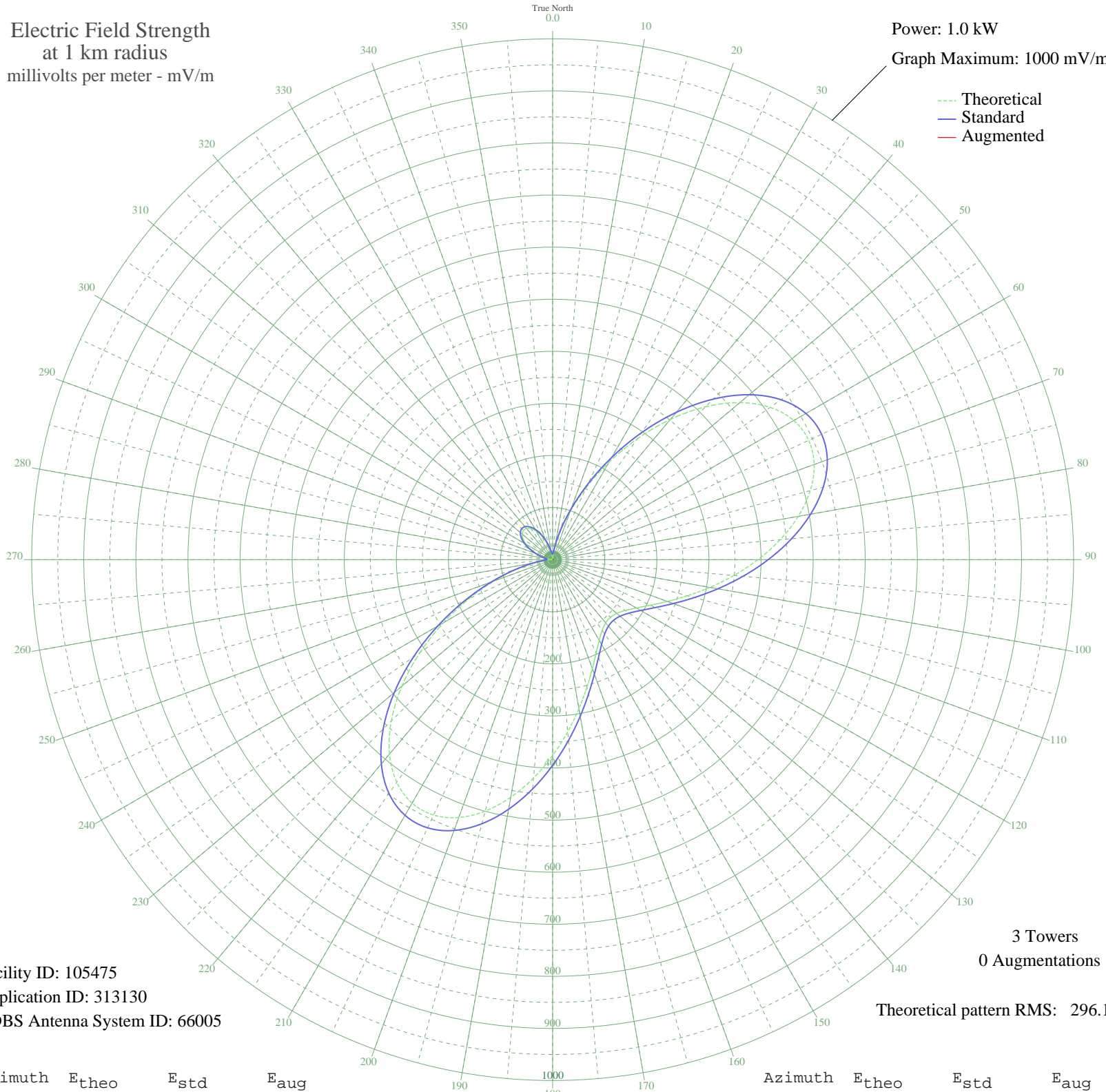


CKAD MIDDLETON, NS Canada -- 1350 kHz

Unlimited Time

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 105475
Application ID: 313130
CDBS Antenna System ID: 66005

3 Towers
0 Augmentations

Theoretical pattern RMS: 296.12

Azimuth	E _{theo}	E _{std}	E _{aug}
0	0.30	10.50	
5	7.46	13.10	
10	25.56	28.82	
15	55.88	59.61	
20	98.61	104.08	
25	152.65	160.62	
30	215.48	226.49	
35	283.33	297.68	
40	351.54	369.27	
45	415.06	435.94	
50	469.10	492.67	
55	509.76	535.35	
60	534.50	561.33	
65	542.41	569.63	
70	534.19	561.00	
75	511.95	537.65	
80	478.77	502.82	
85	438.24	460.27	
90	393.95	413.78	
95	349.14	366.75	
100	306.45	321.95	
105	267.81	281.39	
110	234.42	246.37	
115	206.94	217.54	
120	185.54	195.10	
125	170.15	178.97	
130	160.60	168.96	
135	156.70	164.87	
140	158.37	166.62	
145	165.64	174.24	
150	178.67	187.90	
155	197.64	207.79	
160	222.70	234.07	
165	253.78	266.67	
170	290.43	305.13	
175	331.69	348.43	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	375.92	394.86	
185	420.78	441.94	
190	463.24	486.51	
195	499.80	524.89	
200	526.82	553.26	
205	540.97	568.11	
210	539.68	566.76	
215	521.66	547.84	
220	487.15	511.61	
225	438.06	460.08	
230	377.79	396.82	
235	310.86	326.57	
240	242.26	254.59	
245	176.91	186.05	
250	118.98	125.37	
255	71.52	75.82	
260	36.19	39.42	
265	13.30	17.47	
270	1.97	10.70	
275	0.45	10.51	
280	6.46	12.50	
285	17.54	21.20	
290	31.29	34.49	
295	45.60	49.02	
300	58.71	62.53	
305	69.27	73.49	
310	76.34	80.85	
315	79.35	83.97	
320	78.05	82.63	
325	72.56	76.91	
330	63.30	67.29	
335	51.07	54.64	
340	37.05	40.30	
345	22.85	26.18	
350	10.42	15.17	
355	2.09	10.73	

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission