

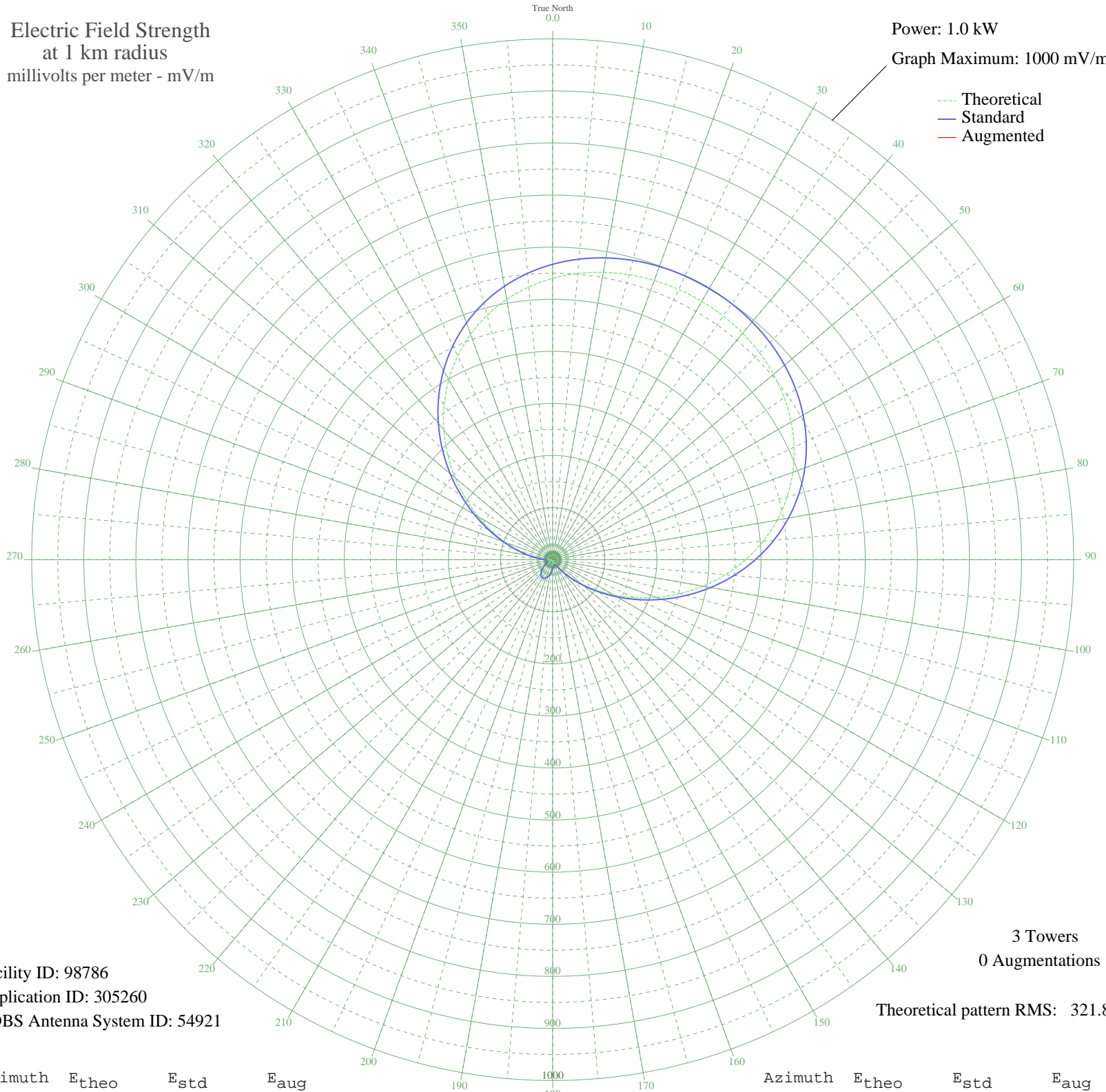
831219 ROUYN-NORANDA, QC Canada -- 650 kHz

Nighttime

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: 98786  
Application ID: 305260  
CDBS Antenna System ID: 54921

3 Towers  
0 Augmentations

Theoretical pattern RMS: 321.80

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	540.01	567.10	
5	551.45	579.12	
10	560.14	588.24	
15	566.37	594.78	
20	570.42	599.03	
25	572.48	601.19	
30	572.66	601.39	
35	570.98	599.62	
40	567.34	595.80	
45	561.57	589.74	
50	553.40	581.17	
55	542.53	569.76	
60	528.63	555.16	
65	511.39	537.06	
70	490.55	515.18	
75	465.95	489.36	
80	437.60	459.60	
85	405.65	426.07	
90	370.49	389.15	
95	332.68	349.47	
100	293.00	307.83	
105	252.38	265.21	
110	211.89	222.73	
115	172.62	181.55	
120	135.63	142.80	
125	101.92	107.53	
130	72.29	76.63	
135	47.32	50.78	
140	27.36	30.58	
145	12.47	16.78	
150	2.47	10.82	
155	3.04	10.97	
160	4.64	11.57	
165	3.05	10.98	
170	0.96	10.55	
175	6.58	12.57	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	13.05	17.26	
185	19.63	23.14	
190	25.73	28.98	
195	30.81	34.01	
200	34.48	37.70	
205	36.48	39.72	
210	36.67	39.91	
215	35.02	38.25	
220	31.67	34.87	
225	26.84	30.07	
230	20.91	24.34	
235	14.37	18.39	
240	7.83	13.34	
245	1.98	10.70	
250	2.41	10.80	
255	4.55	11.54	
260	3.65	11.18	
265	1.03	10.56	
270	10.09	14.91	
275	23.97	27.28	
280	42.92	46.27	
285	66.91	71.03	
290	95.65	100.98	
295	128.60	135.44	
300	165.00	173.57	
305	203.90	214.36	
310	244.24	256.67	
315	284.92	299.35	
320	324.86	341.27	
325	363.12	381.42	
330	398.86	418.94	
335	431.49	453.18	
340	460.58	483.72	
345	485.93	510.33	
350	507.51	532.99	
355	525.46	551.83	

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.

31 Aug 2008

Prepared by Audio Division, Media Bureau  
Federal Communications Commission