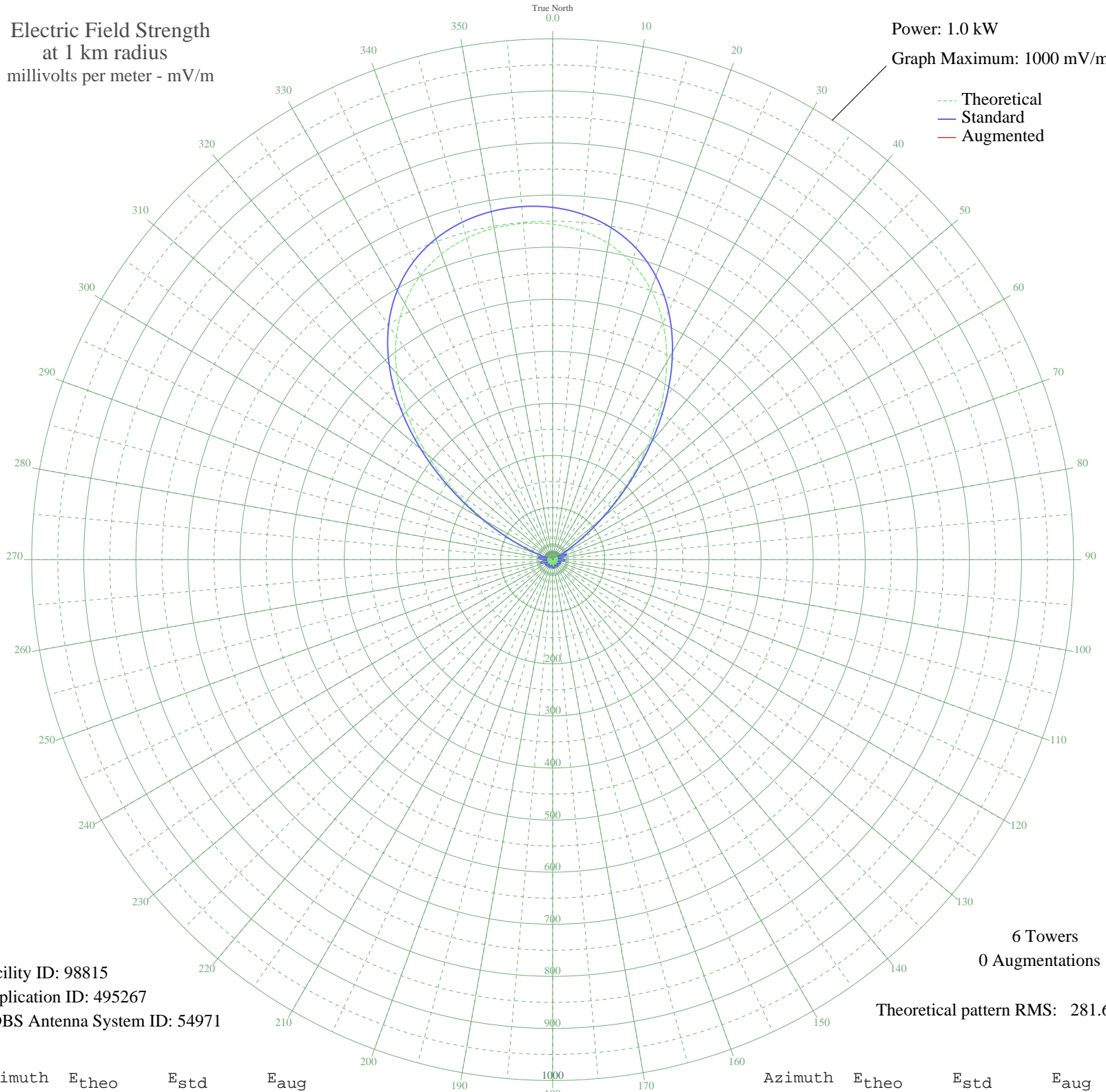


CHYR LEAMINGTON, ON Canada -- 710 kHz

Nighttime

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

Power: 1.0 kW
Graph Maximum: 1000 mV/m



Facility ID: 98815
Application ID: 495267
CDBS Antenna System ID: 54971

6 Towers
0 Augmentations

Theoretical pattern RMS: 281.64

Azimuth	E _{theo}	E _{std}	E _{aug}
0	644.00	676.28	
5	633.87	665.64	
10	616.27	647.17	
15	589.47	619.03	
20	551.59	579.26	
25	501.23	526.40	
30	438.08	460.11	
35	363.59	381.92	
40	281.40	295.66	
45	197.33	207.46	
50	118.72	125.09	
55	53.04	56.68	
60	6.20	12.35	
65	19.23	22.76	
70	24.84	28.12	
75	16.15	19.95	
80	0.96	10.55	
85	12.99	17.21	
90	20.30	23.76	
95	19.20	22.73	
100	11.44	15.96	
105	0.97	10.55	
110	7.96	13.42	
115	12.40	16.73	
120	11.52	16.02	
125	6.46	12.50	
130	0.47	10.51	
135	6.75	12.67	
140	10.49	15.22	
145	10.85	15.49	
150	8.03	13.47	
155	3.02	10.97	
160	2.78	10.90	
165	7.94	13.41	
170	11.29	15.84	
175	12.11	16.49	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	10.23	15.02	
185	6.04	12.27	
190	0.46	10.51	
195	5.20	11.84	
200	9.49	14.47	
205	11.12	15.70	
210	9.38	14.39	
215	4.46	11.50	
220	2.36	10.79	
225	8.85	14.02	
230	12.48	16.79	
235	11.27	15.82	
240	4.80	11.65	
245	5.20	11.83	
250	15.12	19.03	
255	20.60	24.05	
260	18.37	21.96	
265	7.98	13.43	
270	7.29	13.00	
275	20.87	24.30	
280	24.70	27.98	
285	11.62	16.10	
290	22.42	25.78	
295	77.32	81.87	
300	149.01	156.81	
305	230.74	242.50	
310	314.87	330.78	
315	394.57	414.43	
320	464.83	488.18	
325	522.92	549.17	
330	568.18	596.68	
335	601.42	631.58	
340	624.31	655.61	
345	638.73	670.75	
350	646.27	678.67	
355	647.95	680.43	

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.

03 Jul 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission