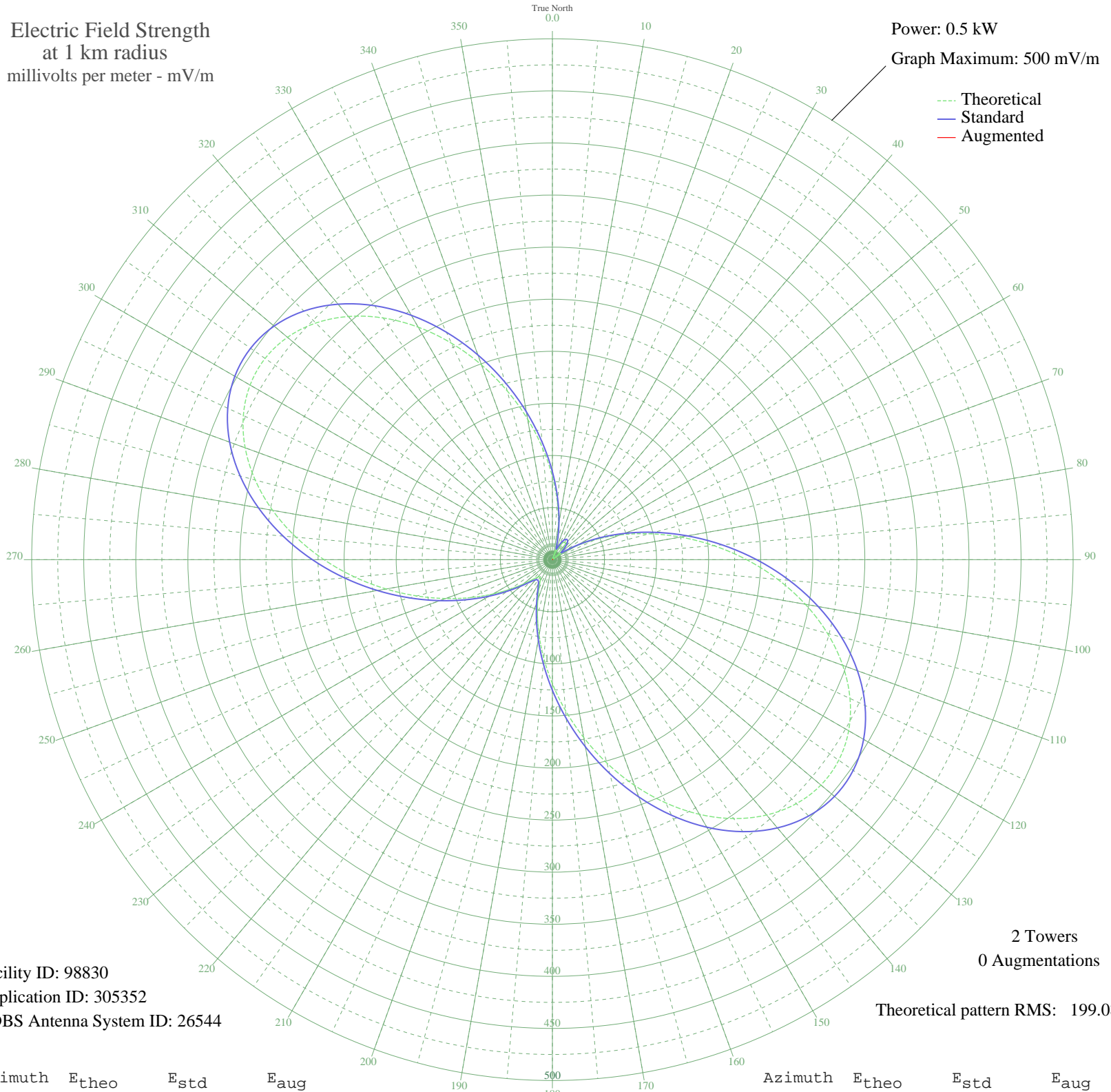


# CHYR7 LEAMINGTON, ON Canada -- 730 kHz

Nighttime

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

Power: 0.5 kW  
Graph Maximum: 500 mV/m



Facility ID: 98830  
Application ID: 305352  
CDBS Antenna System ID: 26544

2 Towers  
0 Augmentations

Theoretical pattern RMS: 199.08

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	79.74	84.39	
5	54.78	58.47	
10	32.93	36.14	
15	14.57	18.55	
20	0.08	10.50	
25	10.86	15.50	
30	17.68	21.33	
35	20.49	23.94	
40	19.29	22.81	
45	14.06	18.12	
50	4.86	11.68	
55	8.25	13.61	
60	25.15	28.42	
65	45.64	49.06	
70	69.41	73.63	
75	96.03	101.38	
80	124.92	131.59	
85	155.36	163.47	
90	186.48	196.09	
95	217.27	228.37	
100	246.64	259.18	
105	273.48	287.34	
110	296.68	311.70	
115	315.28	331.22	
120	328.47	345.05	
125	335.66	352.60	
130	336.59	353.57	
135	331.25	347.98	
140	319.99	336.15	
145	303.39	318.73	
150	282.28	296.58	
155	257.64	270.73	
160	230.56	242.32	
165	202.15	212.52	
170	173.46	182.44	
175	145.48	153.11	

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.

20 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	119.05	125.44	
185	94.89	100.19	
190	73.56	77.95	
195	55.49	59.20	
200	40.99	44.30	
205	30.27	33.47	
210	23.47	26.78	
215	20.65	24.09	
220	21.86	25.24	
225	27.07	30.30	
230	36.24	39.47	
235	49.25	52.76	
240	65.92	70.01	
245	85.99	90.90	
250	109.08	115.01	
255	134.68	141.80	
260	162.13	170.56	
265	190.65	200.46	
270	219.30	230.50	
275	247.04	259.61	
280	272.79	286.62	
285	295.43	310.38	
290	313.95	329.81	
295	327.43	343.96	
300	335.19	352.11	
305	336.79	353.79	
310	332.09	348.85	
315	321.25	337.47	
320	304.73	320.14	
325	283.25	297.60	
330	257.74	270.83	
335	229.25	240.94	
340	198.89	209.10	
345	167.78	176.48	
350	136.96	144.19	
355	107.35	113.21	