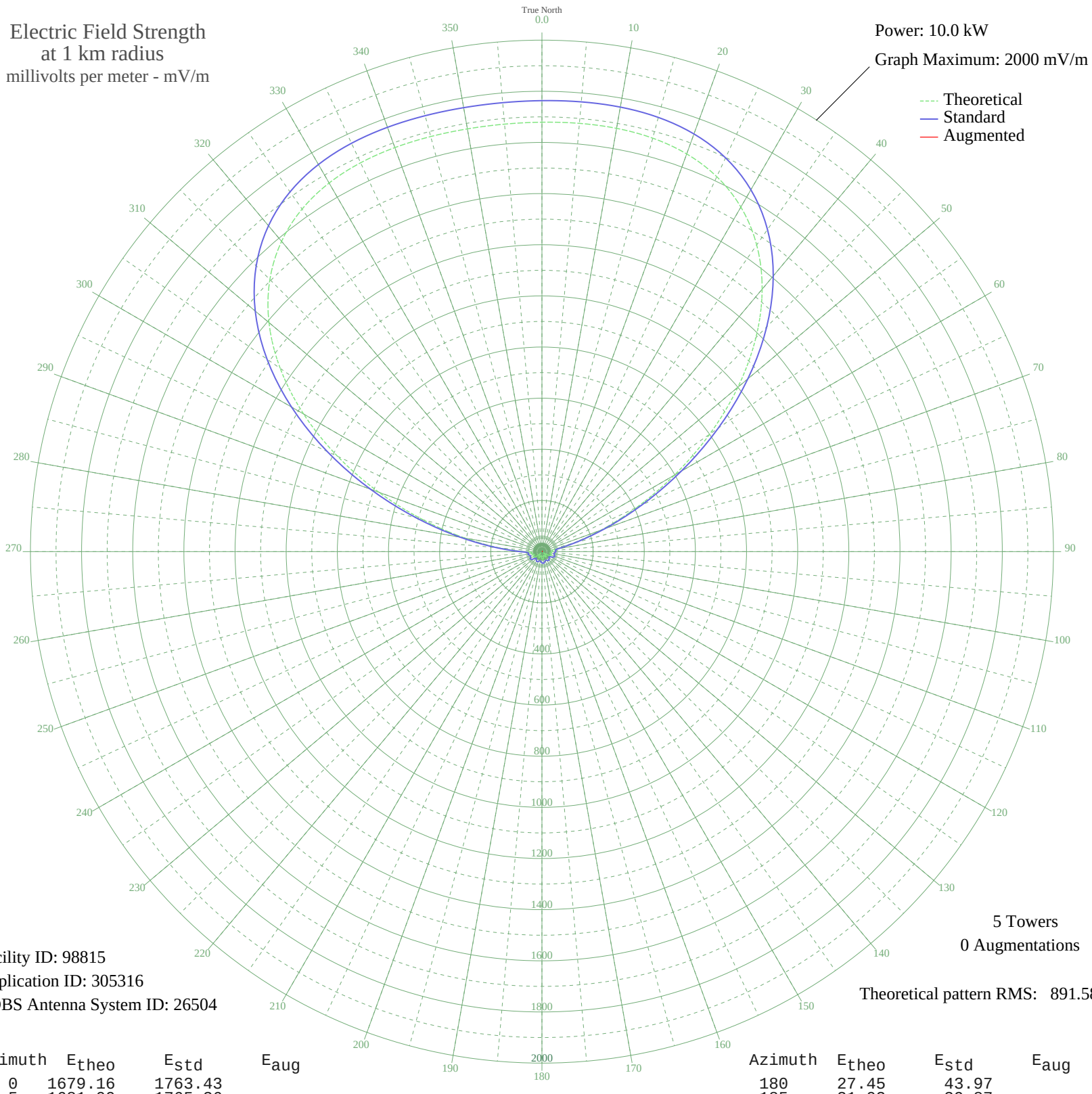
CHYR LEAMINGTON, ON Canada -- 710 kHz

Daytime

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



Power: 10.0 kW

Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented

5 Towers
0 Augmentations

Facility ID: 98815
Application ID: 305316
CDBS Antenna System ID: 26504

Theoretical pattern RMS: 891.58

Azimuth	E_{theo}	E_{std}	E_{aug}
0	1679.16	1763.43	
5	1681.00	1765.36	
10	1680.65	1765.00	
15	1673.81	1757.82	
20	1654.92	1737.99	
25	1617.67	1698.88	
30	1555.77	1633.89	
35	1464.02	1537.58	
40	1339.60	1406.97	
45	1183.30	1242.91	
50	1000.40	1050.94	
55	800.83	841.52	
60	598.30	629.09	
65	408.39	430.10	
70	246.04	260.47	
75	123.36	133.72	
80	51.46	63.42	
85	39.47	53.10	
90	41.62	54.88	
95	34.94	49.48	
100	31.16	46.61	
105	36.36	50.60	
110	40.19	53.70	
115	36.16	50.44	
120	24.63	42.09	
125	10.44	34.97	
130	11.23	35.24	
135	21.55	40.18	
140	26.80	43.52	
145	25.82	42.87	
150	20.33	39.47	
155	15.04	36.77	
160	17.02	37.71	
165	23.82	41.57	
170	29.20	45.20	
175	30.58	46.19	

Azimuth	E_{theo}	E_{std}	E_{aug}
180	27.45	43.97	
185	21.02	39.87	
190	15.21	36.85	
195	16.64	37.52	
200	22.85	40.97	
205	26.90	43.59	
210	25.46	42.63	
215	17.81	38.11	
220	7.76	34.19	
225	15.87	37.15	
230	29.93	45.72	
235	38.80	52.56	
240	39.43	53.07	
245	33.78	48.58	
250	31.42	46.81	
255	38.15	52.03	
260	41.92	55.13	
265	38.85	52.60	
270	73.13	83.66	
275	167.03	178.49	
280	306.83	323.87	
285	481.84	507.02	
290	678.68	713.39	
295	881.85	926.53	
300	1076.21	1130.51	
305	1249.41	1312.30	
310	1393.33	1463.38	
315	1504.55	1580.13	
320	1583.86	1663.38	
325	1635.19	1717.27	
330	1664.32	1747.85	
335	1677.66	1761.86	
340	1681.30	1765.67	
345	1680.33	1764.66	
350	1678.49	1762.73	
355	1677.93	1762.14	

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