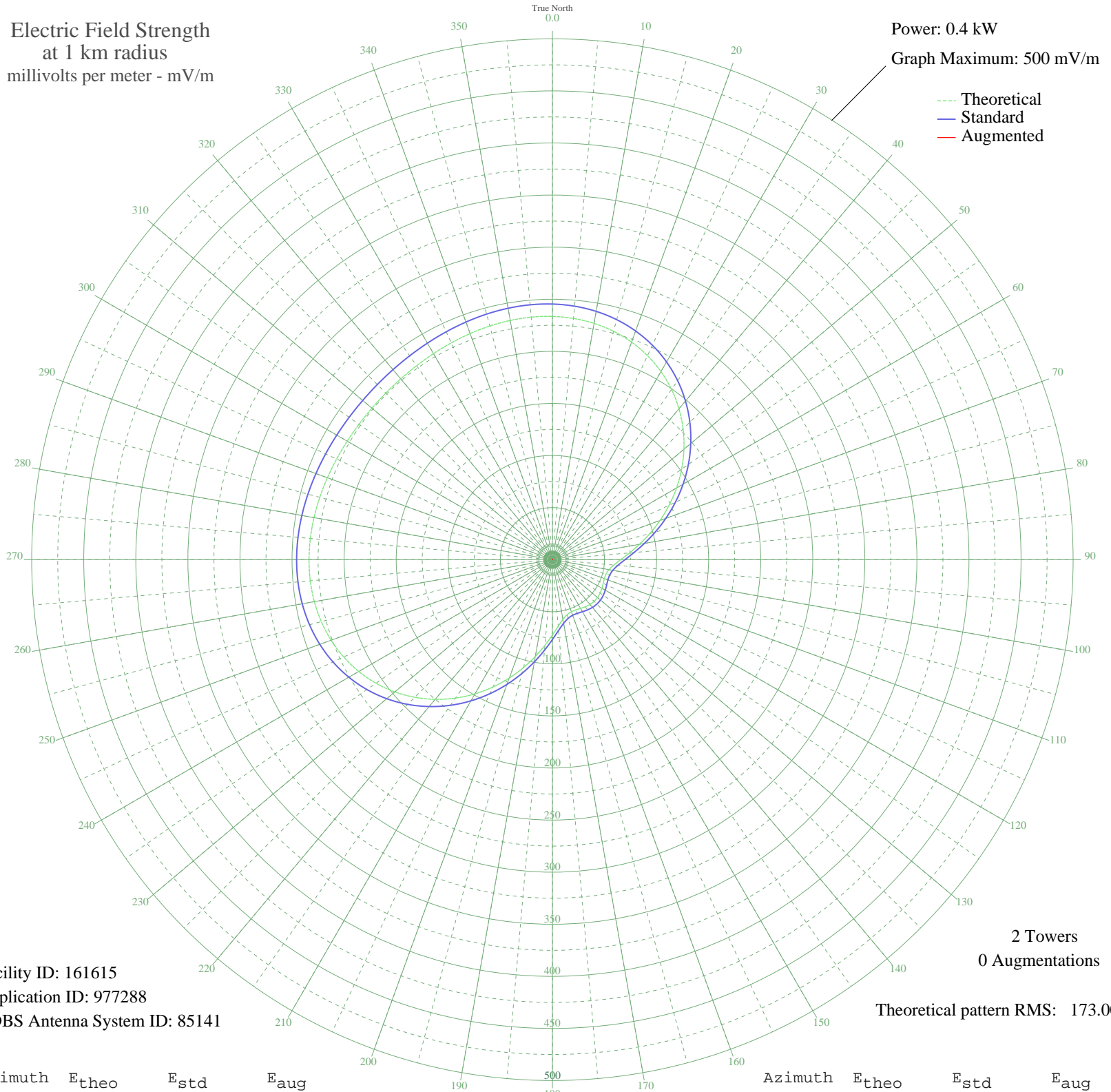


# CFYZ1 TORONTO, ON Canada -- 1280 kHz

Daytime

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

Power: 0.4 kW  
Graph Maximum: 500 mV/m



Facility ID: 161615  
Application ID: 977288  
CDBS Antenna System ID: 85141

2 Towers  
0 Augmentations  
Theoretical pattern RMS: 173.00

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	233.48	245.38	
5	232.42	244.27	
10	230.30	242.04	
15	226.95	238.53	
20	222.24	233.59	
25	216.11	227.15	
30	208.50	219.18	
35	199.46	209.70	
40	189.07	198.80	
45	177.46	186.63	
50	164.85	173.41	
55	151.47	159.39	
60	137.64	144.90	
65	123.67	130.28	
70	109.94	115.91	
75	96.84	102.23	
80	84.80	89.66	
85	74.26	78.67	
90	65.63	69.71	
95	59.25	63.09	
100	55.23	58.93	
105	53.35	57.00	
110	53.11	56.74	
115	53.83	57.49	
120	54.93	58.62	
125	55.93	59.66	
130	56.53	60.28	
135	56.59	60.34	
140	56.09	59.82	
145	55.15	58.85	
150	54.04	57.71	
155	53.19	56.83	
160	53.19	56.83	
165	54.70	58.38	
170	58.26	62.07	
175	64.17	68.19	

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	72.37	76.71	
185	82.56	87.32	
190	94.34	99.61	
195	107.26	113.11	
200	120.89	127.37	
205	134.84	141.97	
210	148.73	156.52	
215	162.23	170.66	
220	175.01	184.06	
225	186.84	196.46	
230	197.49	207.63	
235	206.81	217.40	
240	214.70	225.68	
245	221.13	232.43	
250	226.12	237.66	
255	229.73	241.45	
260	232.09	243.92	
265	233.35	245.24	
270	233.69	245.60	
275	233.32	245.21	
280	232.43	244.28	
285	231.22	243.01	
290	229.89	241.62	
295	228.60	240.26	
300	227.49	239.10	
305	226.67	238.24	
310	226.22	237.77	
315	226.18	237.72	
320	226.55	238.11	
325	227.30	238.90	
330	228.36	240.01	
335	229.63	241.34	
340	230.96	242.74	
345	232.21	244.04	
350	233.17	245.06	
355	233.67	245.58	

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.

14 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission