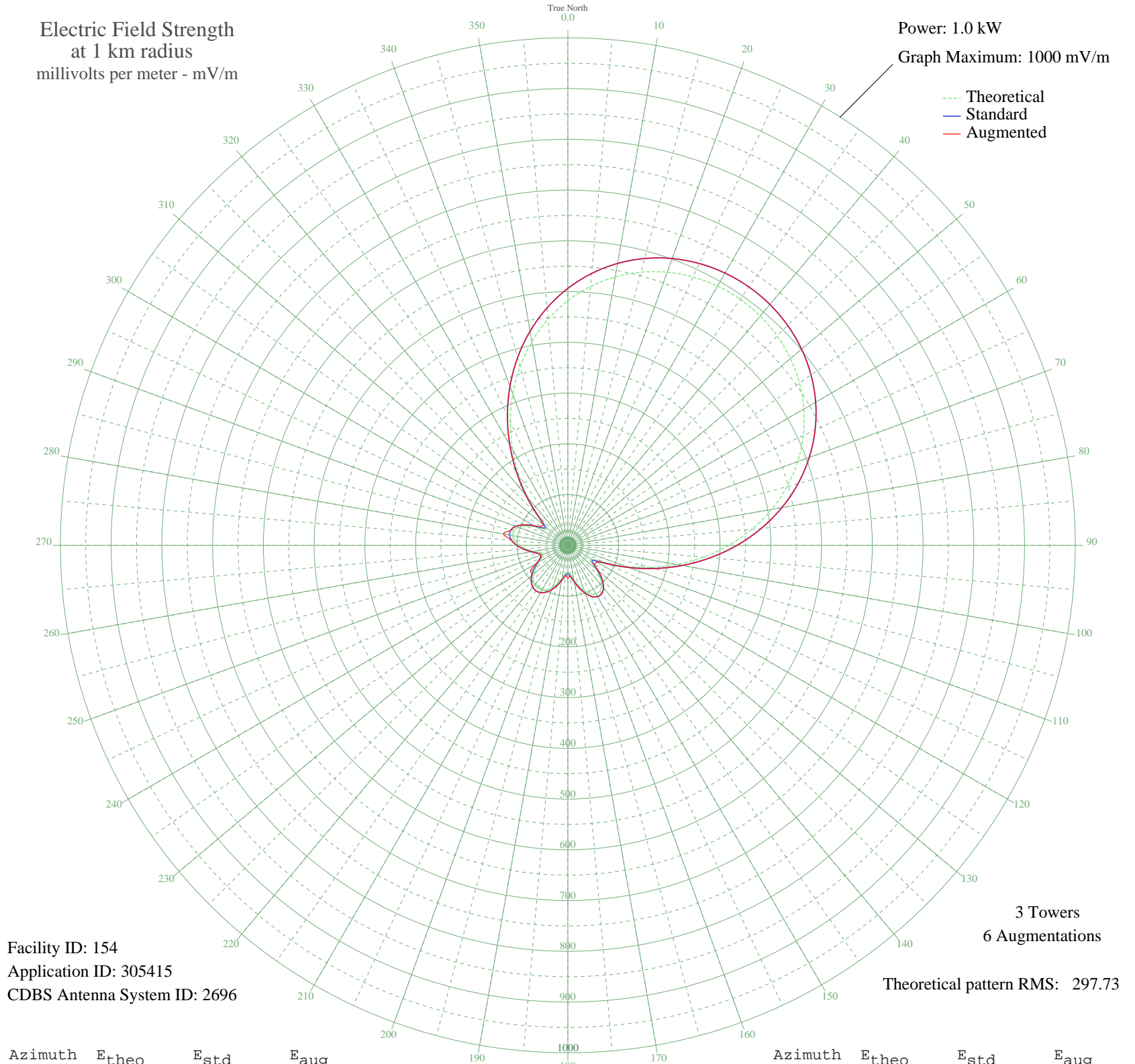


# WTNY WATERTOWN, NY BL-- 790 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 154  
Application ID: 305415  
CDBS Antenna System ID: 2696

3 Towers  
6 Augmentations

Theoretical pattern RMS: 297.73

Azimuth	Etheo	Estd	Eaug
0	482.01	506.25	506.25
5	511.95	537.68	537.68
10	536.96	563.94	563.94
15	557.12	585.11	585.11
20	572.56	601.31	601.31
25	583.43	612.72	612.72
30	589.88	619.50	619.50
35	592.02	621.74	621.74
40	589.88	619.50	619.50
45	583.43	612.72	612.72
50	572.56	601.31	601.31
55	557.12	585.11	585.11
60	536.96	563.94	563.94
65	511.95	537.68	537.68
70	482.01	506.25	506.25
75	447.22	469.73	469.73
80	407.81	428.38	428.38
85	364.27	382.68	382.70
90	317.33	333.41	333.47
95	267.99	281.65	281.75
100	217.59	228.79	228.98
105	167.82	176.63	176.95
110	120.99	127.62	128.14
115	80.87	85.78	86.64
120	55.65	59.68	65.85
125	55.95	59.99	63.88
130	72.53	77.12	78.06
135	90.23	95.51	96.19
140	103.28	109.12	109.61
145	110.08	116.21	116.56
150	110.49	116.65	116.89
155	105.15	111.07	111.21
160	95.18	100.67	100.74
165	82.22	87.18	87.19
170	68.53	72.97	72.97
175	57.32	61.40	61.40

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	Etheo	Estd	Eaug
180	52.57	56.51	64.37
185	56.18	60.22	60.22
190	65.66	70.01	70.01
195	77.13	81.89	81.89
200	87.88	93.07	93.07
205	96.37	101.91	101.91
210	101.75	107.52	107.52
215	103.58	109.44	109.44
220	101.75	107.52	107.52
225	96.37	101.91	101.91
230	87.88	93.07	93.07
235	77.13	81.89	89.86
240	65.66	70.01	71.03
245	56.18	60.22	60.22
250	52.57	56.51	56.51
255	57.32	61.40	61.40
260	68.53	72.97	72.97
265	82.22	87.18	87.18
270	95.18	100.67	100.67
275	105.15	111.07	111.07
280	110.49	116.65	128.75
285	110.08	116.21	116.21
290	103.28	109.12	109.12
295	90.23	95.51	95.51
300	72.53	77.12	77.12
305	55.95	59.99	64.83
310	55.65	59.68	62.30
315	80.87	85.78	85.78
320	120.99	127.62	127.62
325	167.82	176.63	176.63
330	217.59	228.79	228.79
335	267.99	281.65	281.65
340	317.33	333.41	333.41
345	364.27	382.68	382.68
350	407.81	428.38	428.38
355	447.22	469.73	469.73