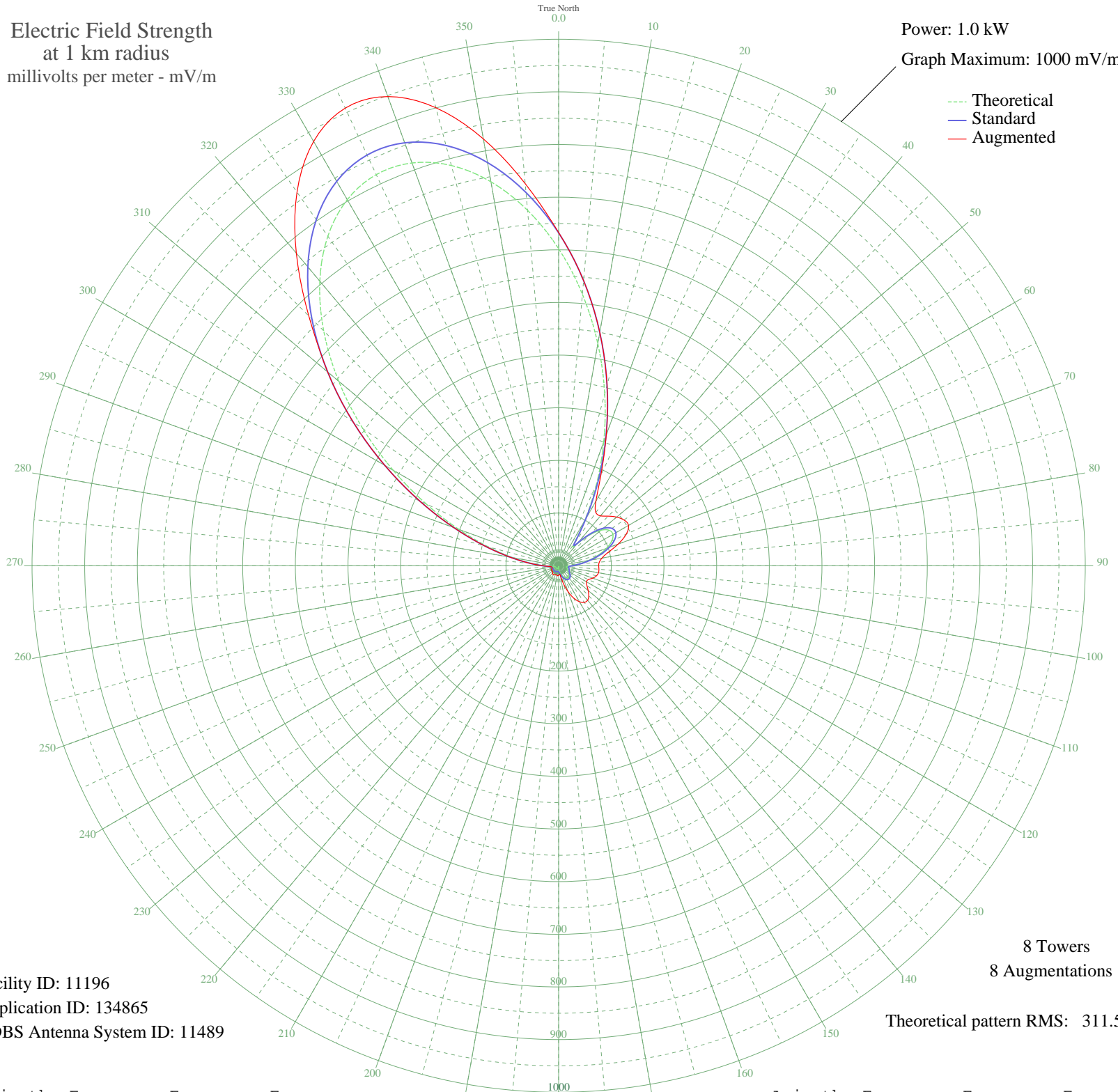


# WRTO CHICAGO, IL BL-19891027AC 1200 kHz

Nighttime

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

Power: 1.0 kW  
Graph Maximum: 1000 mV/m



Facility ID: 11196  
Application ID: 134865  
CDBS Antenna System ID: 11489

8 Towers  
8 Augmentations  
Theoretical pattern RMS: 311.58

Azimuth	Etheo	Estd	Eaug
0	602.07	632.26	632.82
5	517.64	543.62	543.62
10	428.32	449.86	449.86
15	337.98	355.04	355.04
20	250.34	263.06	264.37
25	169.05	177.81	189.68
30	98.57	104.03	141.41
35	50.01	53.55	123.21
40	52.97	56.60	123.60
45	81.82	86.55	133.16
50	104.96	110.71	143.74
55	117.33	123.65	151.43
60	118.97	125.36	153.12
65	111.36	117.40	141.51
70	96.75	102.13	120.15
75	77.80	82.37	97.09
80	57.33	61.11	83.53
85	38.11	41.37	77.46
90	22.92	26.26	76.06
95	15.07	18.99	76.78
100	14.99	18.92	76.76
105	16.85	20.57	74.29
110	17.76	21.40	68.90
115	18.30	21.89	62.28
120	19.68	23.18	60.98
125	22.19	25.55	65.53
130	25.09	28.36	73.16
135	27.44	30.67	80.73
140	28.63	31.85	85.56
145	28.42	31.64	84.98
150	26.83	30.07	78.90
155	24.09	27.39	67.83
160	20.50	23.95	52.69
165	16.41	20.18	35.02
170	12.14	16.52	19.02
175	7.96	13.42	16.75

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.

23 Oct 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	Etheo	Estd	Eaug
180	4.10	11.35	18.12
185	0.97	10.55	19.22
190	2.33	10.78	18.94
195	4.40	11.47	17.77
200	5.80	12.14	17.62
205	6.57	12.56	18.72
210	6.83	12.71	19.96
215	6.75	12.67	19.39
220	6.48	12.51	17.65
225	6.16	12.33	16.12
230	5.88	12.18	15.81
235	5.76	12.12	16.25
240	5.93	12.21	15.78
245	6.38	12.46	14.62
250	6.87	12.74	13.39
255	6.98	12.81	12.81
260	7.54	13.15	13.15
265	13.09	17.30	17.30
270	27.36	30.58	30.58
275	51.86	55.46	55.46
280	88.34	93.35	93.35
285	138.13	145.42	145.42
290	201.52	211.86	211.86
295	277.36	291.41	291.41
300	362.90	381.19	381.19
305	453.96	476.77	476.77
310	545.26	572.62	572.62
315	631.02	662.65	670.98
320	705.58	740.94	774.96
325	764.06	802.33	866.24
330	802.79	843.00	930.54
335	819.64	860.69	959.00
340	814.06	854.83	948.28
345	786.96	826.37	900.52
350	740.48	777.57	823.16
355	677.64	711.60	728.51