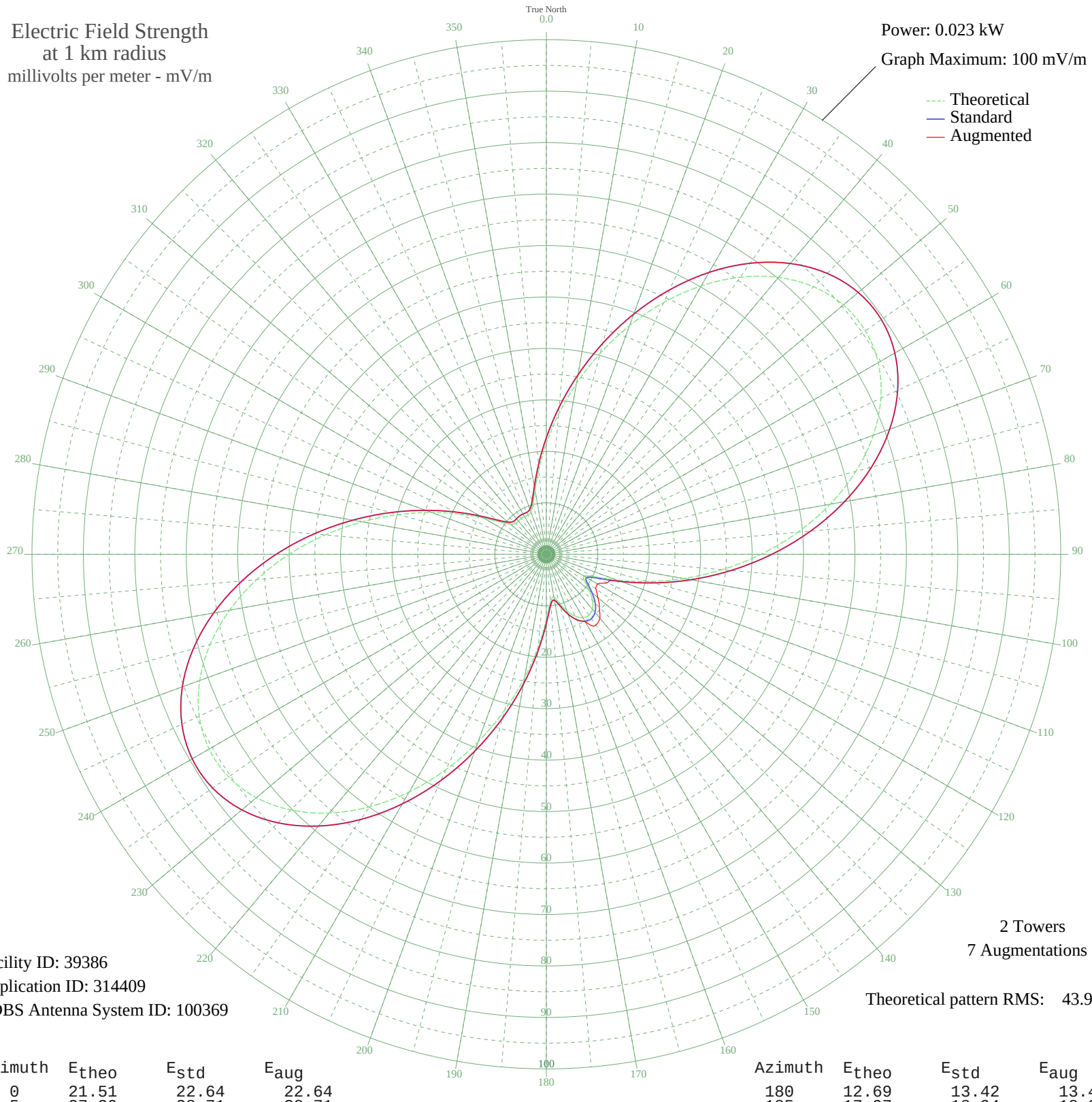
WCGO CHICAGO HEIGHTS, IL BL-- 1600 kHz

Nighttime



Facility ID: 39386
Application ID: 314409
CDBS Antenna System ID: 100369

Azimuth	E_{theo}	E_{std}	E_{aug}
0	21.51	22.64	22.64
5	27.30	28.71	28.71
10	33.68	35.40	35.40
15	40.43	42.48	42.48
20	47.29	49.67	49.67
25	53.98	56.70	56.70
30	60.22	63.25	63.25
35	65.73	69.03	69.03
40	70.24	73.77	73.77
45	73.51	77.21	77.21
50	75.38	79.16	79.16
55	75.71	79.52	79.52
60	74.49	78.23	78.23
65	71.76	75.36	75.36
70	67.64	71.04	71.04
75	62.31	65.45	65.45
80	56.03	58.86	58.86
85	49.08	51.56	51.56
90	41.74	43.85	43.85
95	34.31	36.07	36.07
100	27.11	28.51	28.51
105	20.42	21.50	21.50
110	14.63	15.45	15.45
115	10.34	10.97	13.10
120	8.46	9.02	11.55
125	9.13	9.72	11.76
130	10.94	11.59	13.07
135	12.70	13.43	14.62
140	13.94	14.72	16.20
145	14.46	15.27	16.78
150	14.24	15.03	15.19
155	13.27	14.03	14.03
160	11.69	12.37	12.37
165	9.80	10.42	10.42
170	8.48	9.05	9.05
175	9.25	9.84	9.84

Azimuth	E_{theo}	E_{std}	E_{aug}
180	12.69	13.42	13.42
185	17.97	18.94	18.94
190	24.35	25.62	25.62
195	31.39	33.00	33.00
200	38.76	40.73	40.73
205	46.17	48.50	48.50
210	53.32	56.00	56.00
215	59.90	62.92	62.92
220	65.64	68.94	68.94
225	70.27	73.80	73.80
230	73.58	77.27	77.27
235	75.41	79.20	79.20
240	75.70	79.50	79.50
245	74.44	78.17	78.17
250	71.71	75.31	75.31
255	67.67	71.07	71.07
260	62.53	65.67	65.67
265	56.54	59.39	59.39
270	50.00	52.52	52.52
275	43.17	45.36	45.36
280	36.35	38.20	38.20
285	29.79	31.32	31.32
290	23.74	24.98	24.98
295	18.42	19.41	19.41
300	14.08	14.87	14.87
305	10.93	11.59	11.59
310	9.13	9.71	9.71
315	8.48	9.04	9.04
320	8.44	9.01	9.01
325	8.52	9.09	9.09
330	8.48	9.05	9.05
335	8.42	8.99	8.99
340	8.75	9.33	9.33
345	10.05	10.67	10.67
350	12.66	13.39	13.39
355	16.56	17.46	17.46

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.

15 Mar 2009

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