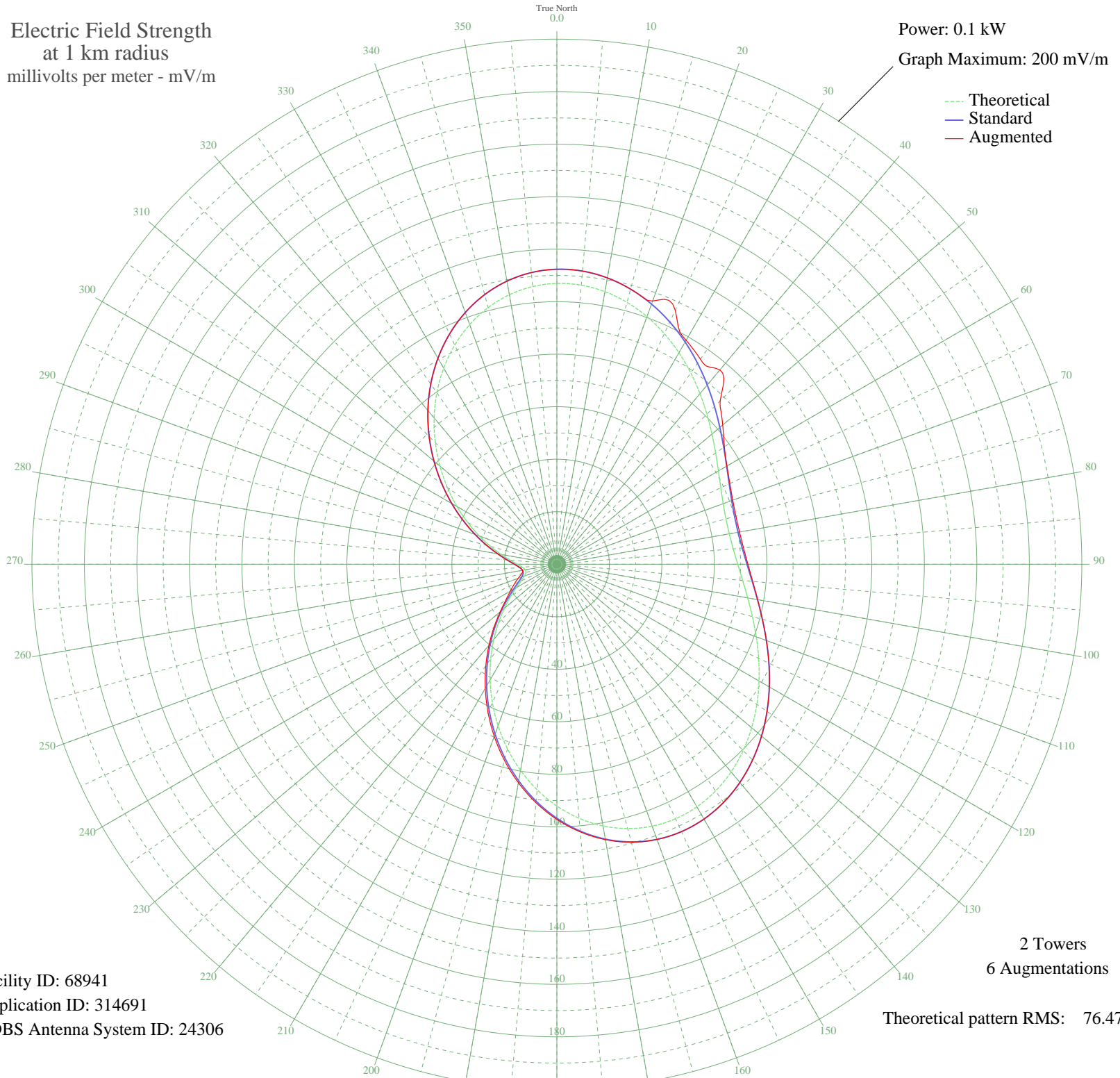


# WILL URBANA, IL BL-- 580 kHz

Nighttime

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

Power: 0.1 kW  
Graph Maximum: 200 mV/m



Facility ID: 68941  
Application ID: 314691  
CDBS Antenna System ID: 24306

2 Towers  
6 Augmentations  
Theoretical pattern RMS: 76.47

Azimuth	Etheo	Estd	Eaug
0	106.96	112.36	112.36
5	106.69	112.08	112.08
10	105.42	110.74	110.74
15	103.27	108.48	108.48
20	100.37	105.44	106.69
25	96.90	101.80	106.73
30	93.03	97.74	98.49
35	88.95	93.45	95.36
40	84.83	89.13	96.63
45	80.84	84.94	87.97
50	77.13	81.05	82.48
55	73.84	77.60	77.92
60	71.07	74.70	74.82
65	68.92	72.44	72.71
70	67.45	70.90	71.31
75	66.70	70.11	70.64
80	66.70	70.11	70.66
85	67.45	70.90	71.38
90	68.92	72.44	72.79
95	71.07	74.70	74.90
100	73.84	77.60	77.67
105	77.13	81.05	81.06
110	80.84	84.94	84.94
115	84.83	89.13	89.13
120	88.95	93.45	93.45
125	93.03	97.74	97.74
130	96.90	101.80	101.80
135	100.37	105.44	105.44
140	103.27	108.48	108.48
145	105.42	110.74	110.74
150	106.69	112.08	112.08
155	106.96	112.36	112.37
160	106.15	111.51	111.55
165	104.23	109.49	109.60
170	101.20	106.31	106.51
175	97.12	102.03	102.35

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

Azimuth	Etheo	Estd	Eaug
180	92.09	96.75	97.19
185	86.23	90.60	91.19
190	79.72	83.78	84.49
195	72.74	76.45	77.29
200	65.48	68.83	69.77
205	58.13	61.13	62.12
210	50.89	53.53	54.55
215	43.92	46.23	47.21
220	37.38	39.39	40.26
225	31.41	33.15	33.86
230	26.11	27.62	28.19
235	21.58	22.91	23.75
240	17.89	19.07	20.46
245	15.08	16.17	17.93
250	13.18	14.23	15.69
255	12.23	13.27	13.88
260	12.23	13.27	13.28
265	13.18	14.23	14.23
270	15.08	16.17	16.17
275	17.89	19.07	19.07
280	21.58	22.91	22.91
285	26.11	27.62	27.62
290	31.41	33.15	33.15
295	37.38	39.39	39.39
300	43.92	46.23	46.23
305	50.89	53.53	53.53
310	58.13	61.13	61.13
315	65.48	68.83	68.83
320	72.74	76.45	76.45
325	79.72	83.78	83.78
330	86.23	90.61	90.61
335	92.09	96.75	96.75
340	97.12	102.03	102.03
345	101.20	106.31	106.31
350	104.23	109.49	109.49
355	106.15	111.51	111.51