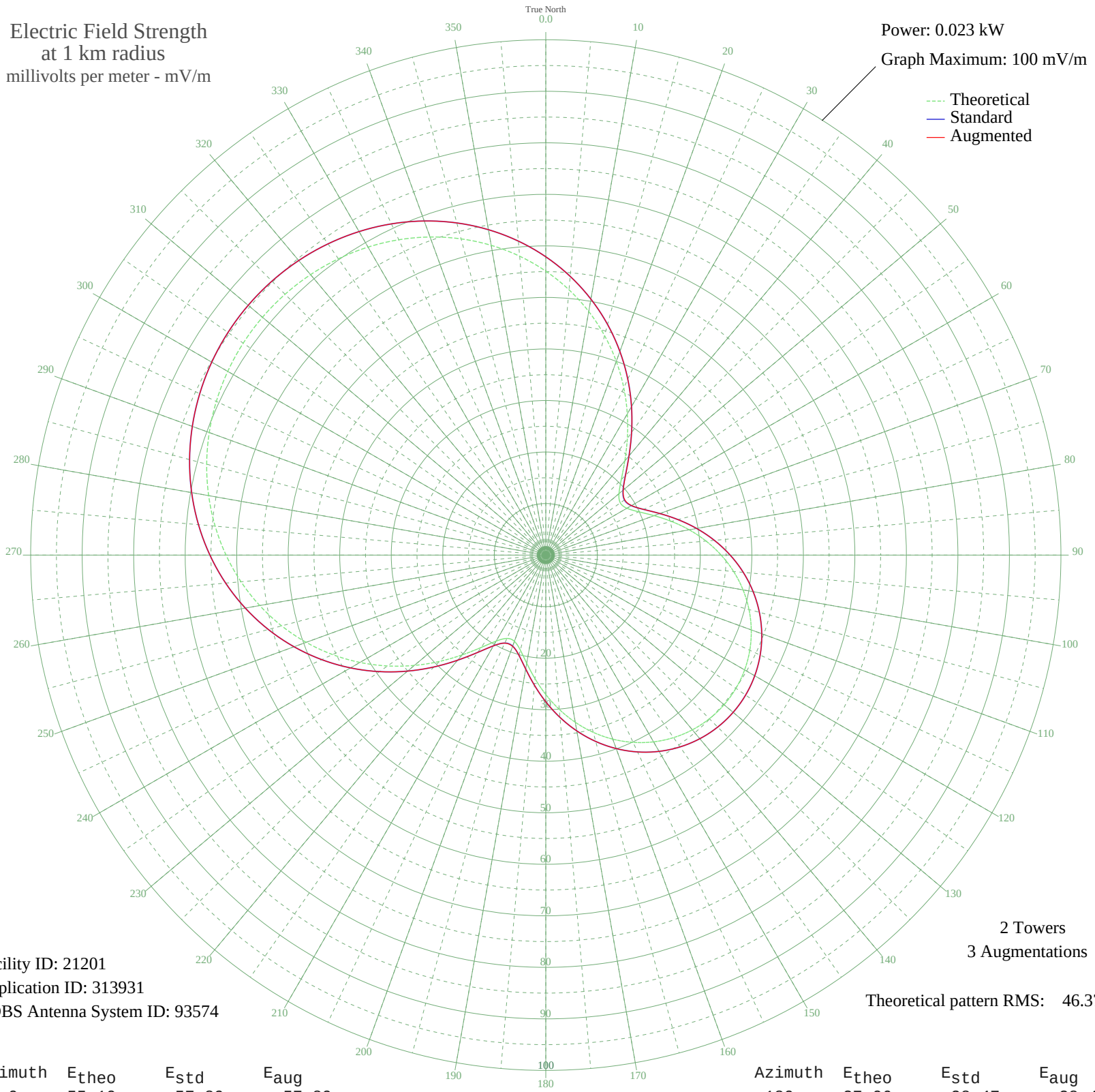
WIXN DIXON, IL BL-- 1460 kHz

Nighttime

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



Power: 0.023 kW

Graph Maximum: 100 mV/m

Theoretical
Standard
Augmented

2 Towers
3 Augmentations

Facility ID: 21201
Application ID: 313931
CDBS Antenna System ID: 93574

Theoretical pattern RMS: 46.37

Azimuth	E_{theo}	E_{std}	E_{aug}
0	55.10	57.89	57.89
5	51.68	54.30	54.30
10	48.00	50.44	50.44
15	44.09	46.33	46.33
20	40.01	42.05	42.05
25	35.83	37.67	37.67
30	31.64	33.28	33.28
35	27.59	29.03	29.03
40	23.86	25.12	25.14
45	20.73	21.85	21.90
50	18.55	19.56	19.63
55	17.66	18.64	18.71
60	18.18	19.18	19.22
65	19.89	20.96	20.96
70	22.37	23.56	23.56
75	25.25	26.58	26.58
80	28.26	29.74	29.74
85	31.23	32.85	32.85
90	34.04	35.79	35.79
95	36.61	38.48	38.48
100	38.89	40.87	40.87
105	40.84	42.92	42.92
110	42.45	44.61	44.61
115	43.70	45.92	45.92
120	44.57	46.84	46.84
125	45.06	47.36	47.36
130	45.18	47.48	47.48
135	44.91	47.20	47.20
140	44.26	46.52	46.52
145	43.24	45.44	45.44
150	41.85	43.98	43.98
155	40.10	42.15	42.15
160	38.01	39.96	39.96
165	35.61	37.44	37.44
170	32.94	34.64	34.64
175	30.06	31.62	31.62

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.

27 Jun 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	27.06	28.47	28.47
185	24.07	25.34	25.34
190	21.31	22.45	22.45
195	19.09	20.13	20.13
200	17.81	18.79	18.84
205	17.84	18.83	18.85
210	19.28	20.33	20.33
215	21.89	23.06	23.06
220	25.30	26.63	26.63
225	29.18	30.70	30.70
230	33.31	35.02	35.02
235	37.51	39.43	39.43
240	41.66	43.78	43.78
245	45.68	48.00	48.00
250	49.50	52.01	52.01
255	53.08	55.77	55.77
260	56.39	59.24	59.24
265	59.39	62.39	62.39
270	62.07	65.20	65.20
275	64.43	67.68	67.68
280	66.46	69.81	69.81
285	68.15	71.59	71.59
290	69.52	73.02	73.02
295	70.57	74.12	74.12
300	71.29	74.88	74.88
305	71.70	75.31	75.31
310	71.80	75.41	75.41
315	71.58	75.18	75.18
320	71.04	74.62	74.62
325	70.19	73.72	73.72
330	69.01	72.49	72.49
335	67.51	70.92	70.92
340	65.69	69.00	69.00
345	63.53	66.73	66.73
350	61.04	64.12	64.12
355	58.23	61.17	61.17