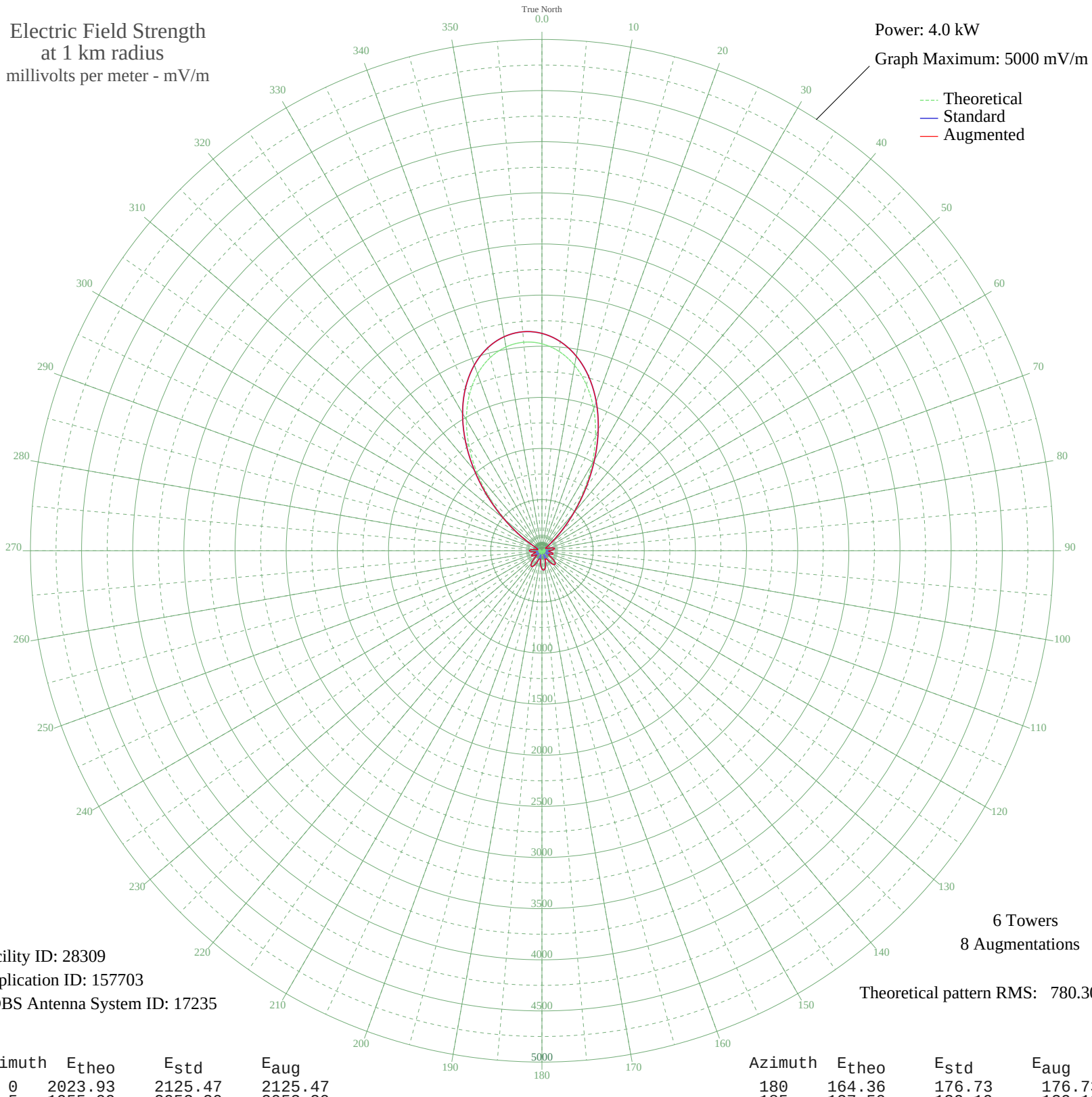
WRDZ LA GRANGE, IL BL-19910227AE 1300 kHz

Nighttime



Facility ID: 28309
Application ID: 157703
CDBS Antenna System ID: 17235

6 Towers
8 Augmentations

Theoretical pattern RMS: 780.30

Azimuth	E_{theo}	E_{std}	E_{aug}
0	2023.93	2125.47	2125.47
5	1955.09	2053.20	2053.20
10	1840.13	1932.52	1932.52
15	1679.83	1764.23	1764.23
20	1477.27	1551.61	1551.61
25	1239.43	1301.96	1301.96
30	978.35	1027.98	1027.98
35	711.44	747.99	747.99
40	460.24	484.75	484.75
45	247.31	262.45	262.45
50	91.81	103.65	103.65
55	11.26	39.89	39.89
60	23.83	45.58	53.52
65	11.18	39.86	55.07
70	53.76	68.10	72.02
75	97.07	108.81	108.81
80	113.29	124.91	124.91
85	92.71	104.53	104.64
90	41.43	57.82	72.19
95	24.56	46.00	66.06
100	77.94	90.27	91.33
105	102.54	114.21	114.21
110	89.14	101.05	101.05
115	41.64	57.99	76.85
120	26.23	47.01	74.74
125	95.00	106.78	106.78
130	147.46	159.45	159.45
135	171.57	184.13	184.13
140	163.06	175.40	175.40
145	124.99	136.66	136.66
150	65.77	78.86	91.13
155	3.96	38.32	93.51
160	71.34	84.04	88.69
165	127.50	139.19	139.19
170	164.36	176.73	176.73
175	177.17	189.89	189.89

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.

24 Oct 2009

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E_{theo}	E_{std}	E_{aug}
180	164.36	176.73	176.73
185	127.50	139.19	139.19
190	71.34	84.04	87.69
195	3.96	38.32	84.58
200	65.76	78.86	88.59
205	124.99	136.66	136.66
210	163.06	175.40	175.40
215	171.57	184.13	184.13
220	147.46	159.45	159.45
225	95.00	106.78	106.78
230	26.23	47.01	67.50
235	41.64	57.99	71.62
240	89.14	101.05	101.05
245	102.54	114.21	114.21
250	77.94	90.27	91.18
255	24.56	46.00	63.54
260	41.43	57.82	70.29
265	92.71	104.53	104.62
270	113.29	124.91	124.91
275	97.07	108.81	108.81
280	53.76	68.10	68.10
285	11.18	39.86	39.86
290	23.83	45.58	45.58
295	11.26	39.89	59.00
300	91.81	103.65	103.65
305	247.31	262.45	262.45
310	460.23	484.74	484.74
315	711.44	747.98	747.98
320	978.35	1027.97	1027.97
325	1239.43	1301.96	1301.96
330	1477.27	1551.60	1551.60
335	1679.83	1764.23	1764.23
340	1840.13	1932.51	1932.51
345	1955.09	2053.20	2053.20
350	2023.93	2125.47	2125.47
355	2046.83	2149.51	2149.51