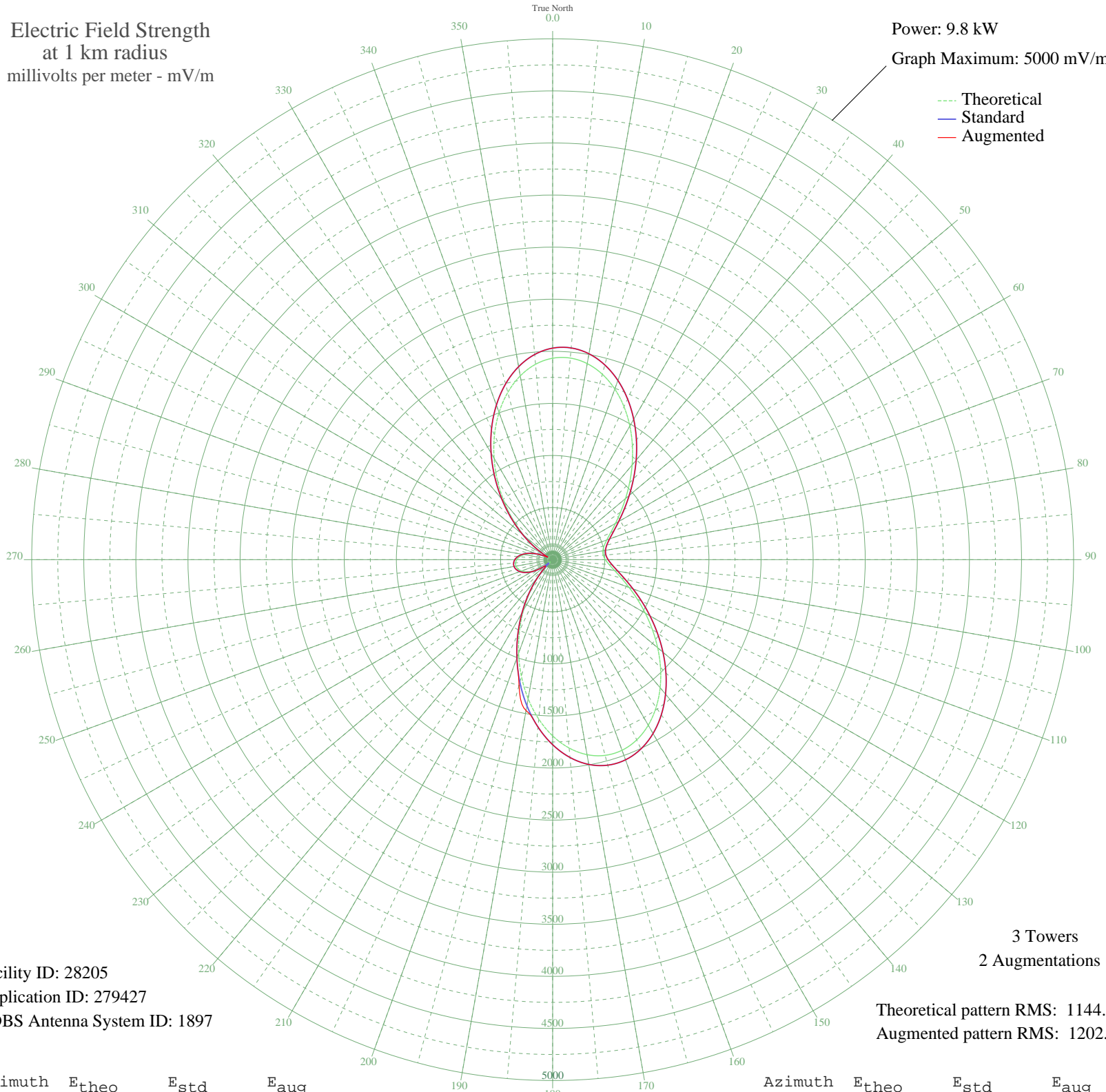


# WOWO FORT WAYNE, IN BL-19981230AE 1190 kHz

Nighttime

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

Power: 9.8 kW  
Graph Maximum: 5000 mV/m



Facility ID: 28205  
Application ID: 279427  
CDBS Antenna System ID: 1897

3 Towers  
2 Augmentations

Theoretical pattern RMS: 1144.00  
Augmented pattern RMS: 1202.90

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1933.80	2030.75	2030.75
5	1942.71	2040.11	2040.11
10	1911.05	2006.87	2006.87
15	1842.67	1935.09	1935.09
20	1743.40	1830.87	1830.87
25	1620.41	1701.74	1701.74
30	1481.52	1555.94	1555.94
35	1334.57	1401.68	1401.68
40	1186.83	1246.60	1246.60
45	1044.59	1097.31	1097.31
50	912.96	959.17	959.17
55	795.78	836.22	836.22
60	695.73	731.26	731.26
65	614.44	646.00	646.00
70	552.77	581.34	581.34
75	511.03	537.58	537.58
80	489.29	514.80	514.80
85	487.58	513.01	513.01
90	506.01	532.32	532.32
95	544.70	572.88	572.88
100	603.67	634.70	634.70
105	682.59	717.47	717.47
110	780.60	820.29	820.29
115	896.07	941.44	941.44
120	1026.42	1078.24	1078.24
125	1167.96	1226.80	1226.80
130	1315.78	1381.96	1381.96
135	1463.77	1537.31	1537.31
140	1604.82	1685.39	1685.39
145	1731.21	1818.07	1818.07
150	1835.08	1927.11	1927.11
155	1909.08	2004.81	2004.81
160	1947.13	2044.75	2044.75
165	1944.96	2042.47	2042.47
170	1900.70	1996.01	1996.01
175	1815.11	1906.15	1906.15

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.

13 Nov 2009

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	1691.57	1776.45	1776.45
185	1535.82	1612.94	1612.94
190	1355.36	1423.51	1470.97
195	1158.81	1217.20	1246.63
200	955.05	1003.34	1003.34
205	752.51	790.82	790.82
210	558.59	587.44	587.44
215	379.22	399.53	399.53
220	218.86	232.14	232.14
225	82.27	92.43	104.22
230	52.14	63.86	92.04
235	142.58	153.28	153.28
240	218.23	231.49	231.49
245	276.06	291.72	291.72
250	317.44	334.93	334.93
255	343.96	362.66	362.66
260	356.89	376.17	376.17
265	356.96	376.25	376.25
270	344.30	363.01	363.01
275	318.41	335.95	335.95
280	278.23	293.99	293.99
285	222.36	235.78	235.78
290	149.55	160.44	160.44
295	62.60	73.49	73.49
300	72.32	82.74	82.74
305	202.07	214.71	214.71
310	357.40	376.71	376.71
315	532.25	559.83	559.83
320	722.35	759.18	759.18
325	922.11	968.77	968.77
330	1124.46	1181.14	1181.14
335	1321.21	1387.66	1387.66
340	1503.55	1579.07	1579.07
345	1662.83	1746.28	1746.28
350	1791.31	1881.16	1881.16
355	1882.91	1977.33	1977.33