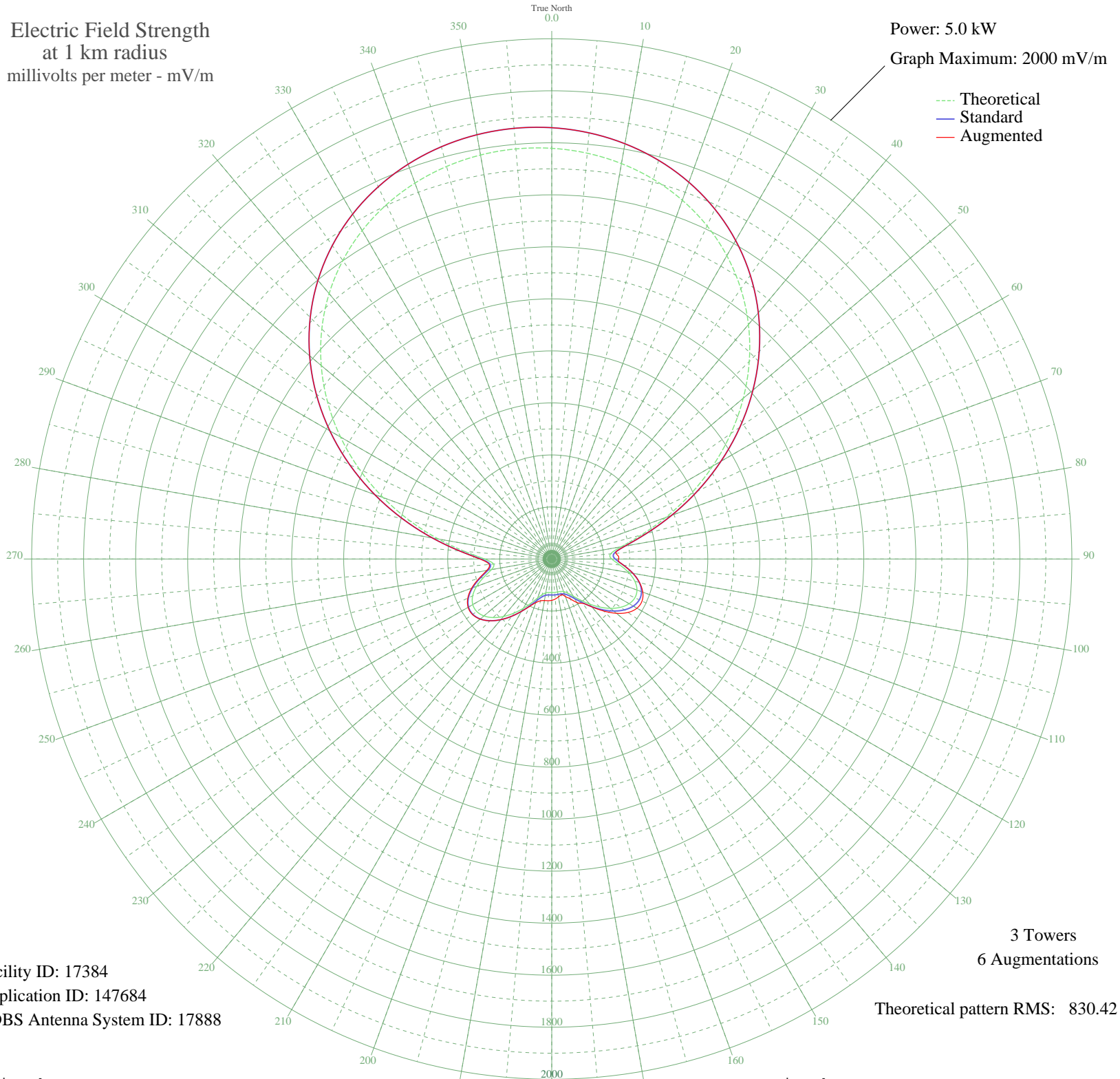


# WIBA MADISON, WI BL-19900425AC 1310 kHz

Nighttime

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

Power: 5.0 kW  
Graph Maximum: 2000 mV/m



Facility ID: 17384  
Application ID: 147684  
CDBS Antenna System ID: 17888

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
0	1578.89	1658.10	1658.10
5	1566.02	1644.59	1644.59
10	1543.60	1621.05	1621.05
15	1511.08	1586.91	1586.91
20	1467.83	1541.50	1541.50
25	1413.17	1484.13	1484.13
30	1346.56	1414.20	1414.20
35	1267.70	1331.41	1331.41
40	1176.68	1235.87	1235.87
45	1074.17	1128.26	1128.26
50	961.48	1009.99	1009.99
55	840.75	883.28	883.28
60	714.98	751.31	751.31
65	588.27	618.39	618.39
70	466.12	490.31	490.31
75	356.39	375.37	375.37
80	271.24	286.32	286.32
85	227.18	240.36	247.42
90	230.61	243.93	256.96
95	262.81	277.52	277.52
100	300.51	316.91	316.91
105	330.90	348.69	349.37
110	348.76	367.39	372.60
115	352.79	371.60	383.06
120	343.73	362.12	378.36
125	323.56	341.02	358.22
130	295.04	311.20	324.79
135	261.39	276.04	282.94
140	226.08	239.21	240.20
145	192.72	204.49	208.43
150	164.72	175.45	193.12
155	144.75	154.82	169.11
160	133.54	143.28	153.69
165	129.30	138.92	142.65
170	128.72	138.33	147.97
175	128.94	138.55	154.48

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.

10 Nov 2011

Prepared by Audio Division, Media Bureau  
Federal Communications Commission

Azimuth	E <sub>theo</sub>	E <sub>std</sub>	E <sub>aug</sub>
180	128.76	138.38	159.00
185	129.00	138.62	160.93
190	132.23	141.94	162.11
195	141.83	151.81	166.47
200	160.03	170.60	178.51
205	186.59	198.12	200.75
210	219.14	231.98	232.17
215	254.35	268.68	268.68
220	288.62	304.48	304.48
225	318.43	335.65	335.82
230	340.50	358.74	359.37
235	351.97	370.75	372.00
240	350.67	369.39	371.36
245	335.55	353.56	356.30
250	307.42	324.13	327.62
255	270.47	285.52	289.68
260	235.61	249.14	253.67
265	224.34	237.40	241.46
270	258.62	273.15	275.81
275	336.90	354.97	356.28
280	442.87	465.95	466.43
285	563.27	592.17	592.27
290	689.56	724.64	724.64
295	815.88	857.18	857.18
300	937.90	985.23	985.23
305	1052.39	1105.40	1105.40
310	1157.07	1215.28	1215.28
315	1250.45	1313.31	1313.31
320	1331.77	1398.67	1398.67
325	1400.82	1471.16	1471.16
330	1457.83	1531.01	1531.01
335	1503.32	1578.76	1578.76
340	1537.92	1615.09	1615.09
345	1562.32	1640.70	1640.70
350	1577.06	1656.18	1656.18
355	1582.54	1661.92	1661.92