

**REFERENCE COPY**

This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.



**Federal Communications Commission  
Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: MADISON AREA TECHNICAL COLLEGE

ATTN: SECURITY DIRECTOR  
MADISON AREA TECHNICAL COLLEGE  
3550 ANDERSON ST  
MADISON, WI 53704

<b>Call Sign</b> WNGB384	<b>File Number</b>
<b>Radio Service</b> IG - Industrial/Business Pool, Conventional	
<b>Regulatory Status</b> PMRS	
<b>Frequency Coordination Number</b>	

FCC Registration Number (FRN): 0010065860

<b>Grant Date</b> 03-05-2014	<b>Effective Date</b> 03-05-2014	<b>Expiration Date</b> 01-09-2024	<b>Print Date</b>
---------------------------------	-------------------------------------	--------------------------------------	-------------------

**STATION TECHNICAL SPECIFICATIONS**

**Fixed Location Address or Mobile Area of Operation**

- Loc. 1 Address:** 3550 ANDERSON ST  
**City:** MADISON    **County:** DANE    **State:** WI  
**Lat (NAD83):** 43-07-13.0 N    **Long (NAD83):** 089-19-38.4 W    **ASR No.:**    **Ground Elev:** 262.0
- Loc. 2 Area of operation**  
Operating within a 32.0 km radius around fixed location 1
- Loc. 3 Address:** 211 N CARROLL  
**City:** MADISON    **County:** DANE    **State:** WI  
**Lat (NAD83):** 43-04-33.1 N    **Long (NAD83):** 089-23-14.9 W    **ASR No.:**    **Ground Elev:** 277.1
- Loc. 4 Area of operation**  
Operating within a 32.0 km radius around fixed location 3
- Loc. 5 Area of operation**  
Land Mobile Control Station meeting the 6.1 Meter Rule: WI
- Loc. 6 Area of operation**  
Operating within a 32.0 km radius around 43-07-13.0 N, 089-19-38.4 W,  
MADISON, DANE county, WI

**Conditions:**

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

Licensee Name: MADISON AREA TECHNICAL COLLEGE

Call Sign: WNGB384

File Number:

Print Date:

Antennas

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
1	1	000462.77500000	FB	1	45	11K2F3E 20K0F3E 4K00F1D 4K00F1E	100.000	251.000	18.2	7.9	
1	1	000452.02500000	FB2	1		11K2F3E 20K0F3E 4K00F1D 4K00F1E	40.000	32.000	18.2	7.9	
1	1	000452.75000000	FB2	1		11K2F3E 20K0F3E 4K00F1D 4K00F1E	40.000	32.000	18.2	7.9	10-31-2007
2	1	000452.02500000	MO	80		11K2F3E 20K0F3E 4K00F1D 4K00F1E	25.000	25.000			
2	1	000457.02500000	MO	80		11K2F3E 20K0F3E 4K00F1D 4K00F1E	25.000	25.000			
2	1	000452.75000000	MO	80		11K2F3E 20K0F3E 4K00F1D 4K00F1E	25.000	25.000			08-23-2005
2	1	000457.75000000	MO	80		11K2F3E 20K0F3E 4K00F1D 4K00F1E	25.000	25.000			10-31-2007
3	1	000461.47500000	FB2C	1		11K2F3E 4K00F1D 4K00F1E	40.000	59.000	35.1	38.2	12-11-2009
4	1	000466.47500000	MO	46		11K2F3E 4K00F1D 4K00F1E	25.000	25.000			12-11-2009
5	1	000466.47500000	FX1	1		11K2F3E 4K00F1D 4K00F1E	7.000	9.000			

Licensee Name: MADISON AREA TECHNICAL COLLEGE

Call Sign: WNGB384

File Number:

Print Date:

**Antennas**

Loc No.	Ant No.	Frequencies (MHz)	Sta. Cls.	No. Units	No. Pagers	Emission Designator	Output Power (watts)	ERP (watts)	Ant. Ht./Tp meters	Ant. AAT meters	Construct Deadline Date
6	1	000464.31250000	MO	80		11K2F3E 4K00F1D 4K00F1E	25.000	25.000			04-04-2014
6	1	000469.31250000	MO	80		11K2F3E 4K00F1D 4K00F1E	25.000	25.000			04-04-2014
6	1	000469.18750000	MO	80		11K2F3E 4K00F1D 4K00F1E	25.000	25.000			04-04-2014

**Control Points**

**Control Pt. No. 1**

Address: 3550 ANDERSON ST

City: MADISON County: DANE State: WI Telephone Number: (608)243-4357

**Associated Call Signs**

**Waivers/Conditions:**

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

Beginning January 1, 2013, this station must operate on channels with a bandwidth of 12.5 kHz or less, or with equivalent efficiency, regardless of the emission bandwidths set forth on this license. See Section 90.209(b)(5) of the Commission's Rules. Note, however, that the narrowbanding requirement does not apply to specific channels designated in Rule 90.20 or 90.35 for paging only.