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**Federal Communications Commission  
Wireless Telecommunications Bureau**

**RADIO STATION AUTHORIZATION**

LICENSEE: UNIVERSITY OF WISCONSIN

ATTN: RUTH OETZMAN  
UNIVERSITY OF WISCONSIN  
610 NORTH WHITNEY WAY  
MADISON, WI 53705

<b>Call Sign</b> KXE819	<b>File Number</b> 0005486491
<b>Radio Service</b> IG - Industrial/Business Pool, Conventional	
<b>Regulatory Status</b> PMRS	
<b>Frequency Coordination Number</b>	

FCC Registration Number (FRN): 0002701274

<b>Grant Date</b> 11-10-2012	<b>Effective Date</b> 11-10-2012	<b>Expiration Date</b> 11-13-2022	<b>Print Date</b> 11-10-2012
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**STATION TECHNICAL SPECIFICATIONS**

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

- Loc. 1** Address: 600 HIGHLAND AVE  
City: MADISON County: DANE State: WI  
Lat (NAD83): 43-04-32.0 N Long (NAD83): 089-25-55.4 W ASR No.: 1209152 Ground Elev: 264.0
- Loc. 2** Address: 5249 E TERRACE DR  
City: MADISON County: DANE State: WI  
Lat (NAD83): 43-08-41.0 N Long (NAD83): 089-17-21.4 W ASR No.: N/A Ground Elev: 284.0
- Loc. 3** Address: 600 HIGHLAND AVE  
City: MADISON County: DANE State: WI  
Lat (NAD83): 43-04-31.4 N Long (NAD83): 089-25-57.4 W ASR No.: Ground Elev: 273.4

**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	000462.82500000	FB	1	4000	20K0F1D	40.000	40.000	38.0	9.0	
1	2	000462.75000000	FBC	1	4000	20K0F1D 20K0F2D 20K0F3E	350.000	1400.000	65.0	36.0	

**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.

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1	2	000462.92500000	FBC	1	4000	20K0F1D 20K0F2D 20K0F3E	350.000	1400.000	65.0	36.0	
2	1	000462.75000000	FB	1	4000	20K0F3E	20.000	20.000	13.0	16.0	
2	1	000462.75000000	FBC	1	4000	20K0F1D 20K0F2D 20K0F3E	20.000	1400.000	13.0	16.0	09-05-2008
3	1	000462.87500000	FBC	1	4000	20K0F1D 20K0F2D 20K0F3E	350.000	1400.000	74.3	67.1	08-21-2008

**Control Points**

**Control Pt. No. 1**

Address: 600 HIGHLAND AVE

City: MADISON County: DANE State: WI Telephone Number: (608)263-6400

**Associated Call Signs**

**Waivers/Conditions:**

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.