

REFERENCE COPY

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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

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

FCC Registration Number (FRN): 0002701274

| | | | |
|---------------------------------|-------------------------------------|--------------------------------------|---------------------------------|
| Grant Date 11-10-2012 | Effective Date 11-10-2012 | Expiration Date 11-13-2022 | Print Date 11-10-2012 |
|---------------------------------|-------------------------------------|--------------------------------------|---------------------------------|

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.

Licensee Name: UNIVERSITY OF WISCONSIN

Call Sign: KXE819

File Number: 0005486491

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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 | 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.