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**Federal Communications Commission
Public Safety and Homeland Security Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: MIDDLETON, CITY OF

ATTN: POLICE DEPT
MIDDLETON, CITY OF
7341 DONNA DR
MIDDLETON, WI 53562

Call Sign KXZ381	File Number
Radio Service PW - Public Safety Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002690717

Grant Date 05-25-2005	Effective Date 07-29-2013	Expiration Date 06-08-2015	Print Date
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** Address: 7425 HUBBARD AVE
City: MIDDLETON County: DANE State: WI
Lat (NAD83): 43-05-41.1 N Long (NAD83): 089-30-32.6 W ASR No.: 1276176 Ground Elev: 285.3
- Loc. 2** Area of operation
Operating within a 16.0 km radius around fixed location 1
- Loc. 3** Address: 7341 DONNA DR
City: MIDDLETON County: DANE State: WI
Lat (NAD83): 43-06-20.0 N Long (NAD83): 089-30-32.0 W ASR No.: 1273802 Ground Elev: 281.6

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	000154.8150000	FBS	1		11K2F3E 20K0F3E 8K10F1E	50.000	109.000	42.6	32.1	
1	1	000155.3700000	FB	1		11K2F3E 20K0F3E	50.000	109.000	42.6	32.1	

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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Antennas

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1	1	000151.05500000	FBS	1		11K2F3E 8K10F1E	50.000	109.000	42.6	32.1	07-29-2014
2	1	000153.99500000	MO	150		11K2F3E 20K0F3E 8K10F1E	60.000	50.000			
2	1	000154.71000000	MO	50		11K2F3E 20K0F3E 8K10F1E	60.000	50.000			
2	1	000154.77000000	MO	50		11K2F3E 20K0F3E 8K10F1E	60.000	50.000			
2	1	000154.81500000	MO	150		11K2F3E 20K0F3E 8K10F1E	60.000	50.000			
2	1	000155.47500000	MO	50		11K2F3E 20K0F3E	60.000	50.000			
2	1	000155.65500000	MO	50		11K2F3E 20K0F3E 8K10F1E	60.000	50.000			
2	1	000151.05500000	MO	150		11K2F3E 8K10F1E	60.000	50.000			07-29-2014
3	1	000154.81500000	FB2	1		11K2F3E 20K0F3E 8K10F1E	120.000	288.000	29.9	14.1	06-01-2011
3	1	000154.81500000	FB	1		11K2F3E 20K0F3E 8K10F1E	50.000	80.000	29.9	14.1	06-01-2011
3	1	000151.28000000	FB	1		11K2F3E 20K0F3E	50.000	80.000	29.9	14.1	06-01-2011
3	1	000155.65500000	FB	1		11K2F3E 20K0F3E 8K10F1E	50.000	80.000	29.9	14.1	06-01-2011
3	1	000151.05500000	FB2	1		11K2F3E 8K10F1E	120.000	288.000	29.9	14.1	07-29-2014

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3	1	000151.05500000	FB	1		11K2F3E 8K10F1E	50.000	80.000	29.9	14.1	07-29-2014

Control Points

Control Pt. No. 1

Address: 7341 DONNA DR

City: MIDDLETON County: DANE State: WI Telephone Number: (608)824-7300

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.

Request for temporary waiver of Rule 90.209(b) granted 11/5/2012. Licensee may operate with authorized emission designator 20K0F3E through 12/31/2013.

Request for temporary waiver of Rule 90.209(b) granted 11/5/2012. licensee may operate with authorized emission designator 20K0F3F through 12/31/2013. Extension granted through 03/31/2014.

Request for temporary waiver of Rule 90.209(b) granted. Licensee may operate with authorized emission designator 20K0F3E through 6/30/2014.

Request for temporary waiver of Rule 90.209(b) granted 11/5/2012. licensee may operate with authorized emission designator 20K0F3F through 12/31/2013. Extension granted through 09/30/2014.

Request for temporary waiver of Rule 90.209(b) granted September 3, 2014. Licensee may operate with a bandwidth larger than 11.25 kHz through December 31, 2014.

Request for temporary waiver of Rule 90.209(b) granted December 30, 2014. Licensee may operate with a bandwidth larger than 11.25 kHz through March 31, 2015