

REFERENCE COPY

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Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: ELECTRICAL ENGINEERING & EQUIPMENT
COMPANY

ATTN: BRAD JACOBSEN
ELECTRICAL ENGINEERING & EQUIPMENT COMPANY
953 73RD ST
WINDSOR HEIGHTS, IA 50324

Call Sign WQWA210	File Number
Radio Service IG - Industrial/Business Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0024584005

Grant Date 06-29-2015	Effective Date 06-29-2015	Expiration Date 06-29-2025	Print Date
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1 Area of operation

Operating within a 32.0 km radius around 41-35-40.0 N, 093-42-54.0 W,
WINDSOR HEIGHTS, POLK county, IA

Loc. 2 Area of operation

Operating within a 32.0 km radius around 41-39-14.0 N, 091-31-52.0 W,
IOWA CITY, JOHNSON county, IA

Loc. 3 Area of operation

Operating within a 32.0 km radius around 40-49-37.0 N, 091-08-47.0 W,
BURLINGTON, DES MOINES county, IA

Loc. 4 Area of operation

Operating within a 32.0 km radius around 41-03-39.0 N, 092-24-26.0 W,
OTTUMWA, WAPELLO county, IA

Loc. 5 Area of operation

Operating within a 32.0 km radius around 41-53-13.0 N, 091-41-07.0 W,
CEDAR RAPIDS, LINN county, IA

Loc. 6 Area of operation

Operating within a 32.0 km radius around 42-30-04.0 N, 096-24-55.0 W,
SIOUX CITY, WOODBURY county, IA

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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Fixed Location Address or Mobile Area of Operation

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Operating within a 32.0 km radius around 41-31-25.0 N, 090-34-32.0 W,
DAVENPORT, SCOTT county, IA

Loc. 8 Area of operation

Operating within a 32.0 km radius around 42-29-31.0 N, 092-20-00.0 W,
WATERLOO, BLACK HAWK county, IA

Loc. 9 Area of operation

Operating within a 32.0 km radius around 41-12-48.0 N, 096-01-36.0 W,
OMAHA, DOUGLAS county, NE

Loc. 10 Area of operation

Operating within a 32.0 km radius around 41-26-18.0 N, 097-19-22.0 W,
COLUMBUS, PLATTE county, NE

Loc. 11 Area of operation

Operating within a 32.0 km radius around 40-46-39.0 N, 099-44-30.0 W,
LEXINGTON, DAWSON county, NE

Loc. 12 Area of operation

Operating within a 32.0 km radius around 40-50-42.0 N, 096-41-32.0 W,
LINCOLN, LANCASTER county, NE

Loc. 13 Area of operation

Operating within a 32.0 km radius around 42-01-09.0 N, 097-25-16.0 W,
NORFOLK, MADISON county, NE

Loc. 14 Area of operation

Operating within a 32.0 km radius around 41-08-01.0 N, 100-43-58.0 W,
NORTH PLATTE, LINCOLN county, NE

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	000467.7500000	MO	20		11K2F3E	2.000	2.000			06-29-2016
1	1	000467.7750000	MO	20		11K2F3E	2.000	2.000			06-29-2016
1	1	000467.7875000	MO	20		11K2F3E	2.000	2.000			06-29-2016
1	1	000467.8000000	MO	20		11K2F3E	2.000	2.000			06-29-2016
1	1	000467.8250000	MO	20		11K2F3E	2.000	2.000			06-29-2016
1	1	000467.8375000	MO	20		11K2F3E	2.000	2.000			06-29-2016

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2	1	000467.78750000	MO	20		11K2F3E	2.000	2.000			06-29-2016
2	1	000467.80000000	MO	20		11K2F3E	2.000	2.000			06-29-2016
2	1	000467.82500000	MO	20		11K2F3E	2.000	2.000			06-29-2016
2	1	000467.83750000	MO	20		11K2F3E	2.000	2.000			06-29-2016
3	1	000467.75000000	MO	20		11K2F3E	2.000	2.000			06-29-2016
3	1	000467.77500000	MO	20		11K2F3E	2.000	2.000			06-29-2016
3	1	000467.78750000	MO	20		11K2F3E	2.000	2.000			06-29-2016
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4	1	000467.75000000	MO	20		11K2F3E	2.000	2.000			06-29-2016
4	1	000467.77500000	MO	20		11K2F3E	2.000	2.000			06-29-2016
4	1	000467.78750000	MO	20		11K2F3E	2.000	2.000			06-29-2016
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4	1	000467.82500000	MO	20		11K2F3E	2.000	2.000			06-29-2016
4	1	000467.83750000	MO	20		11K2F3E	2.000	2.000			06-29-2016
5	1	000467.75000000	MO	20		11K2F3E	2.000	2.000			06-29-2016

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6	1	000467.75000000	MO	20		11K2F3E	2.000	2.000			06-29-2016
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6	1	000467.83750000	MO	20		11K2F3E	2.000	2.000			06-29-2016
7	1	000467.75000000	MO	20		11K2F3E	2.000	2.000			06-29-2016
7	1	000467.77500000	MO	20		11K2F3E	2.000	2.000			06-29-2016
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8	1	000467.75000000	MO	20		11K2F3E	2.000	2.000			06-29-2016
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10	1	000467.82500000	MO	20		11K2F3E	2.000	2.000			06-29-2016
10	1	000467.83750000	MO	20		11K2F3E	2.000	2.000			06-29-2016
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Control Points

Control Pt. No. 1

Address: 953 73RD ST

City: WINDSOR HEIGHTS **County:** POLK **State:** IA **Telephone Number:** (515)273-0138

Associated Call Signs

<NA>

Waivers/Conditions:

NONE