


Federal Communications Commission
FEDERAL COMMUNICATIONS COMMISSION ANTENNA FREQUENCY REGISTRATIO
ANTENNA LOCATION: Fixed/Base Bellevue, NE
COORDINATES : 41 8 34 N latitude 95 54 54 W longitude
Particulars of Operation

Action	Lower/Upper Frequency			Power		ERP		M P
☐	14000	14500	MHz ☐		Watts ☐	67	Watts ☐	Pe
☐	14000	14500	MHz ☐	30	Watts ☐	59.13	Watts ☐	Pe
☐			☐		☐		☐	
☐			☐		☐		☐	
☐			☐		☐		☐	
☐			☐		☐		☐	
☐			☐		☐		☐	

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Please Enter all Emission Data Associated With This Frequency:

Lower Frequency: 14000 MHz Upper Frequency: 14500 MHz

Station Class: FX

Action	Emission			Modulating Signal	Necessary Bandwidth	
Edit	G	7	D	2.93 Mbaud/s QPSK	4	MHz
Add	G	7	F	2.93 Mbaud/s QPSK	4	MHz

To include the emissions just added to other frequencies associated with this antenna, please select from the list below:

Add Emissions to this Frequency	Lower Frequency	Upper Frequency	Frequency Type	Tolerance	Power Output	Power Type	ERP	Power Type	Station Class
☐	14000	14500	MHz	N/A	N/A	W	67	W	MO

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FEDERAL COMMUNICATIONS COMMISSION ANTENNA REGISTRATION FORM FOR FILE NUMBER: 0028-EX-ML-2003

1. * The purpose of this application is to:

- ☒ Edit data pertaining to this antenna
☐ Delete this antenna from the application/license

2a. * Proposed location of transmitter and transmitting antenna:

- ☐ FIXED/BASE ☐ MOBILE ☒ BASE AND MOBILE

2b. If permanently located at a FIXED location, give below:

State: County: City or Town:

Number and street (or other indication of location):

2c. If mobile, describe the exact area of operation:

2d. *If fixed, enter the geographical coordinates exact to the nearest second. If mobile or base and mobile, enter either the area of operation or the fixed/center coordinates and the radius of operation.

North Latitude(DD-MM-SS):	West Longitude(DDD-MM-SS):	Radius of Operation: Km
41 ° 08 ' 34 "	95 ° 54 ' 54 "	

3. * Datum:

- ☐ NAD 27 ☒ NAD 83

4. *Is a directional antenna (other than radar) used? If "YES", give the following information:

☒ Yes ☐ No

(a) Width of beam in degrees at the half-power point:

(b) Orientation in horizontal plane:

(c) Orientation in vertical plane:

5. * Will the antenna extend more than 6 meters above the ground, or if mounted on an existing building, will it extend more than 6 meters above the building, or will the proposed antenna be mounted on an existing structure other than a building? If "YES", give the following:

☐ Yes ☒ No

(a) Overall height above ground to tip of antenna is meters.

(b) Elevation of ground at antenna site above mean sea level is meters.

(c) Distance to nearest aircraft landing area is kilometers.

(d) List any natural formations of existing man-made structures (hills, trees, water tanks, towers, etc.) which, in the opinion of the applicant, would tend to shield the antenna from aircraft and thereby minimize the aeronautical hazard of the antenna.

	
(e) Submit as an exhibit a vertical profile sketch of total structure including supporting building, if any, giving heights in meters above ground for all significant features. Clearly indicate existing portion, noting particulars of aviation obstruction lighting already available. Submit this sketch under the "Antenna Drawing" exhibit type.	

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**Thank You. The Antenna Frequency Data You Just Entered Has
Been Submitted
Successfully to the Experimental Licensing Branch.**

Please press this button to proceed with emissions entry:

Enter Emissions

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