

REFERENCE COPY

This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.



Federal Communications Commission
Public Safety and Homeland Security Bureau

RADIO STATION AUTHORIZATION

LICENSEE: CARDINAL JOINT FIRE DISTRICT

ATTN: FIRE CHIEF
 CARDINAL JOINT FIRE DISTRICT
 104 LISBON ST
 CANFIELD, OH 44406-1416

Call Sign WNUN230	File Number 0006891294
Radio Service PW - Public Safety Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0002931954

Grant Date 07-29-2015	Effective Date 07-29-2015	Expiration Date 10-17-2025	Print Date 07-29-2015
---------------------------------	-------------------------------------	--------------------------------------	---------------------------------

STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** **Address:** 104 LISBON ST
 City: CANFIELD **County:** MAHONING **State:** OH
 Lat (NAD83): 41-01-24.2 N **Long (NAD83):** 080-45-50.3 W **ASR No.:** **Ground Elev:** 354.0
- Loc. 2** **Address:** 5007 MESSERLY RD
 City: CANFIELD **County:** MAHONING **State:** OH
 Lat (NAD83): 41-02-46.2 N **Long (NAD83):** 080-43-25.3 W **ASR No.:** **Ground Elev:** 344.0
- Loc. 3** **Area of operation**
 Countywide: MAHONING, OH
- Loc. 4** **Area of operation**
 Countywide: MAHONING, OH
- Loc. 5** **Address:** 400 HILLTOP BLVD
 City: CANFIELD **County:** MAHONING **State:** OH
 Lat (NAD83): 41-01-54.3 N **Long (NAD83):** 080-44-40.8 W **ASR No.:** **Ground Elev:** 361.0

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: CARDINAL JOINT FIRE DISTRICT

Call Sign: WNUN230

File Number: 0006891294

Print Date: 07-29-2015

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	000154.40000000	FB	2	60	11K2F1E 11K2F3E 4K00F1E 8K10F1D 8K10F1E	110.000	220.000	18.0	44.1	
1	1	000159.38250000	FX1	2		11K2F1E 11K2F3E 4K00F1E 8K10F1D 8K10F1E	5.000	5.000	18.0	44.1	09-27-2013
2	1	000154.40000000	FB	1	60	11K2F1E 11K2F3E 4K00F1E 8K10F1D 8K10F1E	110.000	220.000	27.0	50.5	
3	1	000154.40000000	FBT	1	60	11K2F1E 11K2F3E 4K00F1E 8K10F1D 8K10F1E	110.000	175.000			
4	1	000154.40000000	MO	60		11K2F1E 11K2F3E 4K00F1E 8K10F1D 8K10F1E	110.000	150.000			
4	1	000159.38250000	MO	60		11K2F1E 11K2F3E 4K00F1E 8K10F1D 8K10F1E	50.000	10.000			09-27-2013
4	1	000155.04000000	MO	60		11K2F1E 11K2F3E 4K00F1E 8K10F1D 8K10F1E	50.000	10.000			09-27-2013

Licensee Name: CARDINAL JOINT FIRE DISTRICT

Call Sign: WNUN230

File Number: 0006891294

Print Date: 07-29-2015

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
5	1	000155.04000000	FB2	1	60	11K2F1E 11K2F3E 4K00F1E 8K10F1D 8K10F1E	100.000	10.000	48.7	83.8	09-27-2013

Control Points

Control Pt. No. 1

Address: HDQTRS STA 104 LISBON ST

City: CANFIELD **County:** MAHONING **State:** OH **Telephone Number:** (216)533-3371

Associated Call Signs

<NA>

Waivers/Conditions:

Antenna structures for land, base and fixed stations authorized for operation at temporary unspecified locations may be erected without specific prior approval of the Commission where such antenna structures do not exceed a height of 60.96 meters (200 feet) above ground level; provided that the overall height of such antennas more than 6.10 meters (20 feet) above ground, including their supporting structures (whether natural formation or man-made), do not exceed any of the slope ratios set forth in Section 17.7(b). Any antenna to be erected in excess of the foregoing limitations requires prior Commission approval. Licensees seeking such approval should file application for modification of license. In addition, notification to the Federal Aviation Administration is required whenever the antenna will exceed 60.96 meters (200 feet) above the ground and whenever notification is otherwise required by Section 17.7 of the Commission's Rules. Such notification should be given by filing FAA Form 7460-1, Notice of Proposed Construction or Alteration, in duplicate, with the nearest office of the Federal Aviation Administration, which form is available from that office.