

REFERENCE COPY

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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: NATIONAL SCIENCE AND TECHNOLOGY NETWORK INC

ATTN: TED S. HENRY
NATIONAL SCIENCE AND TECHNOLOGY NETWORK INC
2050 S. BUNDY DRIVE, SUITE 285
LOS ANGELES, CA 90025

Call Sign WIJ490	File Number 0006053133
Radio Service IG - Industrial/Business Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0006613392

Grant Date 12-13-2013	Effective Date 12-13-2013	Expiration Date 02-24-2024	Print Date 12-13-2013
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1 Address:** MOUNT LUKENS
City: MONTROSE **County:** LOS ANGELES **State:** CA
Lat (NAD83): 34-16-05.0 N **Long (NAD83):** 118-14-13.3 W **ASR No.:** N/A **Ground Elev:** 1540.0
- Loc. 2 Address:** SIERRA PEAK
City: CORONA **County:** ORANGE **State:** CA
Lat (NAD83): 33-51-00.1 N **Long (NAD83):** 117-39-08.2 W **ASR No.:** N/A **Ground Elev:** 921.0
- Loc. 3**
- Loc. 4 Area of operation**
Operating within a 48.0 km radius around fixed location 1
- Loc. 5 Area of operation**
Operating within a 48.0 km radius around fixed location 1
- Loc. 6 Area of operation**
Operating within a 48.0 km radius around fixed location 2
- Loc. 7 Area of operation**
Operating within a 48.0 km radius around fixed location 2

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

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 meter	Construct Deadline Date
1	1	000471.23750000	FB6	1		11K2F1D 11K2F2D 11K2F3E	100.000	1000.000	30.0	5810.0	
2	1	000471.23750000	FB6	1		11K2F1D 11K2F2D 11K2F3E	100.000	1000.000	30.0	586.0	
3	1	000471.23750000	FB6T	1		11K2F1D 11K2F2D 11K2F3E	100.000	1000.000			
3	1	000471.23750000	FBT	3		11K2F1D 11K2F2D 11K2F3E	60.000	200.000			
4	1	000471.23750000	MO	10		11K2F1D 11K2F2D 11K2F3E	60.000	200.000			
4	1	000474.23750000	MO	10		11K2F1D 11K2F2D 11K2F3E	60.000	200.000			
5	1	000474.23750000	FX1T	3		11K2F1D 11K2F2D 11K2F3E	60.000	200.000			
6	1	000471.23750000	MO	16		11K2F1D 11K2F2D 11K2F3E	60.000	200.000			
6	1	000474.23750000	MO	16		11K2F1D 11K2F2D 11K2F3E 20K0F1D 20K0F2D 20K0F3E	60.000	200.000			
7	1	000474.23750000	FX1T	3		11K2F1D 11K2F2D 11K2F3E	60.000	200.000			

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Control Points

Control Pt. No. 1

Address: 2050 S. Bundy Drive, Suite 285

City: LOS ANGELES **County:** LOS ANGELES **State:** CA **Telephone Number:** (310)820-1234

Associated Call Signs

Waivers/Conditions:

NONE