

REFERENCE COPY

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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: CALIFORNIA INSTITUTE OF TECHNOLOGY

ATTN: KATHLEEN CARPENTER
CALIFORNIA INSTITUTE OF TECHNOLOGY
1200 E CALIFORNIA BLVD
PASADENA, CA 91129

Call Sign WQJN229	File Number 0008377556
Radio Service IG - Industrial/Business Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0018144642

Grant Date 09-22-2018	Effective Date 09-22-2018	Expiration Date 11-05-2028	Print Date 09-22-2018
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

Loc. 1 Address: MILIKEN BUILDING
City: PASADENA County: LOS ANGELES State: CA
Lat (NAD83): 34-08-12.6 N Long (NAD83): 118-07-33.6 W ASR No.: N/A Ground Elev: 233.0

Loc. 2 Area of operation
Operating within a 16.0 km radius around fixed location 1

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	000463.96250000	FB2	1		11K2F3E 7K60FXE	50.000	75.000	56.0	68.0	11-05-2009
1	1	000462.16250000	FB2	1		7K60FXE	50.000	75.000	56.0	68.0	05-03-2017
1	1	000462.22500000	FB2	1		11K2F3E	50.000	75.000	56.0	68.0	05-03-2017
1	1	000461.83750000	FB2	1		7K60FXE	50.000	75.000	56.0	68.0	05-03-2017

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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2	1	000463.96250000	MO	150		11K2F3E 7K60FXE	4.000	4.000			11-05-2009
2	1	000468.96250000	MO	150		11K2F3E 7K60FXE	4.000	4.000			11-05-2009
2	1	000467.16250000	MO	150		7K60FXE	4.000	4.000			05-03-2017
2	1	000462.16250000	MO	150		7K60FXE	4.000	4.000			05-03-2017
2	1	000467.22500000	MO	150		11K2F3E	4.000	4.000			05-03-2017
2	1	000462.22500000	MO	150		11K2F3E	4.000	4.000			05-03-2017
2	1	000461.83750000	MO	150		7K60FXE	4.000	4.000			05-03-2017
2	1	000466.83750000	MO	150		7K60FXE	4.000	4.000			05-03-2017

Control Points

Control Pt. No. 1

Address: 1200 E CALIFORNIA BLVD

City: PASADENA County: LOS ANGELES State: CA Telephone Number: (626)395-6811

Associated Call Signs

TEST TEST TEST <NA>

Waivers/Conditions:

NONE