

REFERENCE COPY

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Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: LAING ELECTRONICS, INC

ATTN: DOUG LAING
LAING ELECTRONICS, INC
10962 MARIAN DR
GARDEN GROVE, CA 92840-3246

Call Sign WQLX970	File Number 0009037902
Radio Service YG - Industrial/Business Pool, Trunked	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0005749122

Grant Date 01-20-2021	Effective Date 01-20-2021	Expiration Date 05-24-2030	Print Date 01-20-2021
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1 Address:** Near
City: Avalon **County:** LOS ANGELES **State:** CA
Lat (NAD83): 33-23-12.0 N **Long (NAD83):** 118-24-03.0 W **ASR No.:** 1061572 **Ground Elev:** 612.6
- Loc. 2 Address:** Rasnow Peak
City: Newberry Park **County:** VENTURA **State:** CA
Lat (NAD83): 34-09-55.0 N **Long (NAD83):** 118-54-18.3 W **ASR No.:** **Ground Elev:** 483.0
- Loc. 3 Address:** South Mountain
City: Santa Paula **County:** VENTURA **State:** CA
Lat (NAD83): 34-20-00.0 N **Long (NAD83):** 119-01-03.4 W **ASR No.:** **Ground Elev:** 703.0
- 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
- Loc. 8 Area of operation**
Operating within a 48.0 km radius around fixed location 3

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

Loc. 9 Area of operation

Operating within a 48.0 km radius around fixed location 3

Loc. Address: MOUNT LUKENS

10 City: LA CRESCENTA **County:** LOS ANGELES **State:** CA

Lat (NAD83): 34-16-06.0 N **Long (NAD83):** 118-14-15.3 W **ASR No.:** **Ground Elev:** 1538.0

Location 10 Special Condition

Applicant to use a SRL310C4 directional antenna, oriented at 220 degrees, with a maximum ERP of 20.19 watts.

Loc. Address: Palos Verdes Peninsula

11 City: Rancho Palos Verdes **County:** LOS ANGELES **State:** CA

Lat (NAD83): 33-45-27.0 N **Long (NAD83):** 118-21-40.2 W **ASR No.:** 1203963 **Ground Elev:** 400.8

Loc. Address: 24500 SADDLE PEAK RD

12 City: MALIBU **County:** LOS ANGELES **State:** CA

Lat (NAD83): 34-04-32.0 N **Long (NAD83):** 118-39-33.3 W **ASR No.:** **Ground Elev:** 850.0

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	000472.97500000	FB6	1		4K00F2D 4K00F7W	100.000	1000.000	24.0	570.0	05-24-2011
1	1	000471.50000000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	24.0	570.0	05-24-2011
1	1	000471.52500000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	24.0	570.0	05-24-2011
1	1	000471.77500000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	24.0	570.0	05-24-2011
1	1	000472.52500000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	24.0	570.0	05-24-2011
1	1	000472.75000000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	24.0	570.0	05-24-2011
1	1	000472.80000000	FB6	1		4K00F2D 4K00F7W	100.000	1000.000	24.0	570.0	05-24-2011
1	1	000472.82500000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	24.0	570.0	05-24-2011
1	1	000472.85000000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	24.0	570.0	05-24-2011

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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	000472.90000000	FB6	1		4K00F2D 4K00F7W	100.000	1000.000	24.0	570.0	05-24-2011
2	1	000471.50000000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	21.0	194.0	05-24-2011
2	1	000471.52500000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	21.0	194.0	05-24-2011
2	1	000471.77500000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	21.0	194.0	05-24-2011
2	1	000472.52500000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	21.0	194.0	05-24-2011
2	1	000472.75000000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	21.0	194.0	05-24-2011
2	1	000472.80000000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	21.0	194.0	05-24-2011
2	1	000472.82500000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	21.0	194.0	05-24-2011
2	1	000472.85000000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	21.0	194.0	05-24-2011
2	1	000472.90000000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	21.0	194.0	05-24-2011
2	1	000472.97500000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	21.0	194.0	05-24-2011
3	1	000471.50000000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	17.0	446.0	05-24-2011
3	1	000471.52500000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	17.0	446.0	05-24-2011
3	1	000471.77500000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	17.0	446.0	05-24-2011

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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
3	1	000472.52500000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	17.0	446.0	05-24-2011
3	1	000472.75000000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	17.0	446.0	05-24-2011
3	1	000472.80000000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	17.0	446.0	05-24-2011
3	1	000472.82500000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	17.0	446.0	05-24-2011
3	1	000472.85000000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	17.0	446.0	05-24-2011
3	1	000472.90000000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	17.0	446.0	05-24-2011
3	1	000472.97500000	FB8	1		4K00F2D 4K00F7W	100.000	1000.000	17.0	446.0	05-24-2011
4	1	000471.50000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
4	1	000471.52500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
4	1	000471.77500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
4	1	000472.52500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
4	1	000472.75000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
4	1	000472.80000000	MO6	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
4	1	000472.82500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011

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4	1	000472.85000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
4	1	000472.90000000	MO6	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
4	1	000472.97500000	MO6	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
4	1	000474.50000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
4	1	000474.52500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
4	1	000474.77500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
4	1	000475.52500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
4	1	000475.75000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
4	1	000475.80000000	MO6	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
4	1	000475.82500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
4	1	000475.85000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
4	1	000475.90000000	MO6	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
4	1	000475.97500000	MO6	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
5	1	000474.50000000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			

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5	1	000474.52500000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
5	1	000474.77500000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
5	1	000475.52500000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
5	1	000475.75000000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
5	1	000475.80000000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
5	1	000475.82500000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
5	1	000475.85000000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
5	1	000475.90000000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
5	1	000475.97500000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
6	1	000471.50000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
6	1	000471.52500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
6	1	000471.77500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
6	1	000472.52500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
6	1	000472.75000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011

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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
6	1	000472.80000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
6	1	000472.82500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
6	1	000472.85000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
6	1	000472.90000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
6	1	000472.97500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
6	1	000474.50000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
6	1	000474.52500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
6	1	000474.77500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
6	1	000475.52500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
6	1	000475.75000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
6	1	000475.80000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
6	1	000475.82500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
6	1	000475.85000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
6	1	000475.90000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011

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6	1	000475.97500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
7	1	000474.50000000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
7	1	000474.52500000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
7	1	000474.77500000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
7	1	000475.52500000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
7	1	000475.75000000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
7	1	000475.80000000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
7	1	000475.82500000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
7	1	000475.85000000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
7	1	000475.90000000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
7	1	000475.97500000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
8	1	000474.77500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
8	1	000475.52500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
8	1	000475.75000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011

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8	1	000475.80000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
8	1	000475.82500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
8	1	000475.85000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
8	1	000475.90000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
8	1	000475.97500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
8	1	000471.50000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
8	1	000471.52500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
8	1	000471.77500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
8	1	000472.52500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
8	1	000472.75000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
8	1	000472.80000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
8	1	000472.82500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
8	1	000472.85000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
8	1	000472.90000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011

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8	1	000472.97500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
8	1	000474.50000000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
8	1	000474.52500000	MO8	2700		4K00F2D 4K00F7W	75.000	200.000			05-24-2011
9	1	000474.50000000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
9	1	000474.52500000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
9	1	000474.77500000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
9	1	000475.97500000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
9	1	000475.52500000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
9	1	000475.75000000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
9	1	000475.80000000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
9	1	000475.82500000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
9	1	000475.85000000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
9	1	000475.90000000	FX1T	50		4K00F2D 4K00F7W	50.000	200.000			
10	1	000472.75000000	FB8	1		4K00F2D 4K00F7W	100.000	20.190	40.0	825.1	10-14-2015

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10	1	000472.80000000	FB8	1		4K00F2D 4K00F7W	100.000	20.190	40.0	825.1	10-14-2015
10	1	000472.85000000	FB8	1		4K00F2D 4K00F7W	3.000	20.200	40.0	825.1	02-01-2017
11	1	000472.75000000	FB8	1		4K00F2D 4K00F7W	100.000	350.000	16.1	382.5	10-14-2015
11	1	000472.80000000	FB8	1		4K00F2D 4K00F7W	100.000	350.000	16.1	382.5	10-14-2015
11	1	000472.85000000	FB8	1		4K00F2D 4K00F7W	100.000	350.000	16.1	382.5	02-01-2017
12	1	000472.75000000	FB8	1		4K00F2D 4K00F7W	100.000	100.000	21.3	623.5	10-14-2015
12	1	000472.80000000	FB8	1		4K00F2D 4K00F7W	100.000	100.000	21.3	623.5	10-14-2015
12	1	000472.85000000	FB8	1		4K00F2D 4K00F7W	100.000	100.000	21.3	623.5	02-01-2017

Control Points

Control Pt. No. 1

Address: 10962 MARIAN DR

City: Garden Grove **County:** ORANGE **State:** CA **Telephone Number:** (714)534-5200

Associated Call Signs

<NA>

Licensee Name: LAING ELECTRONICS, INC

Call Sign: WQLX970

File Number: 0009037902

Print Date: 01-20-2021

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.

Grant of the request to update licensee name is conditioned on it not reflecting an assignment or transfer of control (see Rule 1.948); if an assignment or transfer occurred without proper notification or FCC approval, the grant is void and the station is licensed under the prior name.