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Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: DIRECTV ENTERPRISES, LLC

ATTN: LEGAL DEPARTMENT
DIRECTV ENTERPRISES, LLC
2260 E. IMPERIAL HIGHWAY
EL SEGUNDO, CA 90245

Call Sign WRAH598	File Number
Radio Service IG - Industrial/Business Pool, Conventional	
Regulatory Status PMRS	
Frequency Coordination Number	

FCC Registration Number (FRN): 0003779329

Grant Date 11-20-2017	Effective Date 01-30-2021	Expiration Date 11-20-2027	Print Date 02-03-2021
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STATION TECHNICAL SPECIFICATIONS

Fixed Location Address or Mobile Area of Operation

- Loc. 1** **Address:** 2230 E IMPERIAL HWY
City: EL SEGUNDO **County:** LOS ANGELES **State:** CA
Lat (NAD83): 33-55-51.8 N **Long (NAD83):** 118-23-07.9 W **ASR No.:** N/A **Ground Elev:** 45.0
- Loc. 2** **Area of operation**
Operating within a 10.0 km radius around 33-55-51.8 N, 118-23-07.9 W,
EL SEGUNDO, LOS ANGELES county, CA
- Loc. 3** **Area of operation**
Operating within a 32.0 km radius around fixed location 1
- Loc. 4** **Address:** 2230 E IMPERIAL HWY
City: EL SEGUNDO **County:** LOS ANGELES **State:** CA
Lat (NAD83): 33-55-51.8 N **Long (NAD83):** 118-23-07.9 W **ASR No.:** N/A **Ground Elev:** 45.0
- Loc. 5** **Area of operation**
Operating within a 32.0 km radius around fixed location 4

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: DIRECTV ENTERPRISES, LLC

Call Sign: WRAH598

File Number:

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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 meters	Construct Deadline Date
1	1	000451.18750000	FB2	1		11K2F1E 11K2F3E 7K60FXE	20.000	20.000	23.0	42.0	11-20-2018
1	1	000452.80000000	FB2	1		11K2F1E 11K2F3E 7K60FXE	45.000	30.000	23.0	42.0	11-20-2018
1	2	000464.22500000	FB2	1		11K2F1E 11K2F3E 7K60FXE	40.000	40.000	63.0	82.0	11-20-2018
2	1	000456.58750000	MO	20		11K2F1E 11K2F3E 7K60FXE	5.000	5.000			11-20-2018
2	1	000464.22500000	MO	50		11K2F1E 11K2F3E 7K60FXE	5.000	5.000			11-20-2018
2	1	000469.22500000	MO	50		11K2F1E 11K2F3E 7K60FXE	5.000	5.000			11-20-2018
2	1	000451.66250000	MO	20		11K2F1E 11K2F3E 7K60FXE	5.000	5.000			11-20-2018
2	1	000456.66250000	MO	20		11K2F1E 11K2F3E 7K60FXE	5.000	5.000			11-20-2018
2	1	000451.58750000	MO	20		11K2F1E 11K2F3E 7K60FXE	5.000	5.000			11-20-2018
3	1	000456.18750000	MO	20		11K2F1E 11K2F3E 7K60FXE	5.000	5.000			11-20-2018
3	1	000451.18750000	MO	20		11K2F1E 11K2F3E 7K60FXE	5.000	5.000			11-20-2018

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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 meters	Construct Deadline Date
3	1	000452.80000000	MO	20		11K2F1E 11K2F3E 7K60FXE	5.000	5.000			11-20-2018
3	1	000457.80000000	MO	20		11K2F1E 11K2F3E 7K60FXE	5.000	5.000			11-20-2018
4	1	000461.66250000	FB2	1		11K2F1E 11K2F3E 7K60FXE	25.000	16.000	36.0	55.0	11-20-2018
5	1	000461.66250000	MO	50		11K2F1E 11K2F3E 7K60FXE	5.000	5.000			11-20-2018
5	1	000466.66250000	MO	50		11K2F1E 11K2F3E 7K60FXE	5.000	5.000			11-20-2018

Control Points

Control Pt. No. 1

Address: 2230 E. IMPERIAL HWY

City: EL SEGUNDO **County:** LOS ANGELES **State:** CA **Telephone Number:** (240)446-5540

Associated Call Signs

<NA>

Waivers/Conditions:

NONE