



**UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION**

RADIO STATION REGISTRATION

Name: Nexstar Broadcasting, Inc.

Call Sign: E191437

Authorization Type: Registration

File Number: SES-REG-20181005-05059

Non Common Carrier

Grant date: 06/08/2020

Expiration Date: 10/05/2033

Nature of Service: Fixed Satellite Service

Class of Station: Fixed Earth Stations

A) Site Location(s)

#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	Special Provisions NAD (Refer to Section H)
1)	KETK Studio1	4300 Richmond Rd Tyler, Smith, TX 75703	32°18'9.4"N	95°18'27.6"W	164	83
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.				
2)	KETK Studio2	4300 Richmond Rd Tyler, Smith, TX 75703	32°18'9.4"N	95°18'27.6"W	164	83
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.				
3)	KETK Studio3	4300 Richmond Rd Tyler, Smith, TX 75703	32°18'9.4"N	95°18'27.6"W	164	83
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.				
4)	KETK Studio4	4300 Richmond Rd Tyler, Smith, TX 75703	32°18'9.4"N	95°18'27.6"W	164	83
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.				
5)	KETK Studio5	4300 Richmond Rd Tyler, Smith, TX 75703	32°18'9.4"N	95°18'27.6"W	164	83
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.				
6)	KFDX Studio1	4500 Seymour Hwy Wichita Falls, Wichita, TX 76309	33°53'21.9"N	98°33'31.9"W	310	83
		Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.				



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#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
7)	KFDX Studio10	4500 Seymour Hwy Wichita Falls, Wichita, TX 76309	33°53'23.3"N	98°33'30.9"W	310	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
8)	KFDX Studio11	4500 Seymour Hwy Wichita Falls, Wichita, TX 76309	33°53'20.6"N	98°33'32.4"W	310	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
9)	KFDX Studio2	4500 Seymour Hwy Wichita Falls, Wichita, TX 76309	33°53'19.6"N	98°33'30.0"W	310	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
10)	KFDX Studio3	4500 Seymour Hwy Wichita Falls, Wichita, TX 76309	33°56'21.7"N	98°33'32.4"W	310	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
11)	KFDX Studio4	4500 Seymour Hwy Wichita Falls, Wichita, TX 76309	33°53'21.5"N	98°33'32.1"W	310	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
12)	KFDX Studio5	4500 Seymour Hwy Wichita Falls, Wichita, TX 76309	33°53'22.0"N	98°33'32.4"W	310	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.



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13)	KFDX Studio6	4500 Seymour Hwy Wichita Falls, Wichita, TX 76309	33°53'21.8"N	98°33'31.7"W	310	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
14)	KFDX Studio7	4500 Seymour Hwy Wichita Falls, Wichita, TX 76309	33°53'21.4"N	98°33'31.8"W	310	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
15)	KFDX Studio8	4500 Seymour Hwy Wichita Falls, Wichita, TX 76309	33°53'22.2"N	98°33'31.8"W	310	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
16)	KFDX Studio9	4500 Seymour Hwy Wichita Falls, Wichita, TX 76309	33°53'23.2"N	98°33'30.1"W	310	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
17)	KTAL Studio1 rev.	3150 N Market St Shreveport, Caddo, LA 71107	32°39'58.5"N	93°56'0.7"W	65	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
18)	KTAL Studio2 rev.	3150 N Market St Shreveport, Caddo, LA 71107	32°39'58.5"N	93°56'0.7"W	65	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.



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#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
19)	KVEO Studio1	394 N Expy Brownsville, Cameron, TX 78521	25°55'38.4"N	97°29'24.6"W	8.8	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
20)	KVEO Studio2	394 N Expy Brownsville, Cameron, TX 78521	25°55'38.4"N	97°29'24.6"W	8.8	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
21)	Memphis Hub1 rev.	1725 N Shelby Oaks Dr Memphis, Shelby, TN 38134	35°10'22.3"N	89°51'26.0"W	79	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
22)	Memphis Hub2 rev.	1725 N Shelby Oaks Dr Memphis, Shelby, TN 38134	35°10'22.3"N	89°51'26.0"W	79	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
23)	Memphis Hub3 rev.	1725 N Shelby Oaks Dr Memphis, Shelby, TN 38134	89°51'26.0"N	89°39'22.9"W	79	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
24)	Memphis Hub4 rev.	1725 N Shelby Oaks Dr Memphis, Shelby, TN 38134	35°10'22.3"N	89°51'26.0"W	79	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.



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#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
25)	WATE Studio1 rev.	1306 N Broadway Knoxville, Knox, TN 37917	35°59'6.8"N	83°55'13.8"W	285	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
26)	WATE Studio2 rev.	1306 N Broadway Knoxville, Knox, TN 37917	35°59'6.8"N	83°55'13.8"W	285	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
27)	WATE Studio3 rev.	1306 N Broadway Knoxville, Knox, TN 37917	35°59'6.8"N	83°55'13.8"W	285	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
28)	WBRE Studio2	62 S Franklin st Wilkes-Barre, Luzerne, PA 18701	41°14'45.3"N	75°53'5.7"W	169	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
29)	WBRE Studio3	62 S Franklin st Wilkes-Barre, Luzerne, PA 18701	41°14'45.3"N	75°53'5.7"W	169	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
30)	WBRE Studio4	62 S Franklin st Wilkes-Barre, Luzerne, PA 18701	41°14'45.3"N	75°53'5.7"W	169	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.



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#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
31)	WBRE Studio5	62 S Franklin st Wilkes-Barre, Luzerne, PA 18701	41°14'45.3"N	75°53'5.7"W	169	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
32)	WBRE Studio6	62 S Franklin st Wilkes-Barre, Luzerne, PA 18701	41°14'45.3"N	75°53'5.7"W	169	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
33)	WBRE Studio7	62 S Franklin st Wilkes-Barre, Luzerne, PA 18701	41°14'45.3"N	75°53'45.3"W	169	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
34)	WBTW Studio1	101 McDonald Ct Myrtle Beach, Horry, SC 29536	33°40'57.5"N	78°57'48.2"W	7	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
35)	WBTW Studio2	101 McDonald Ct Myrtle Beach, Horry, SC 29588	33°40'57.5"N	78°57'48.2"W	7	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
36)	WBTW Studio3	101 McDonald Ct Myrtle Beach, Horry, SC 29588	33°40'57.5"N	78°57'48.2"W	7	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.



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37)	WBTW Transmitter	938 Pee Dee Church Rd Dillon, Dillon, SC 29536	34°22'2.9"N	79°19'22.1"W	35	83 Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
38)	WBTW Transmitter2	938 Pee Dee Church Rd Dillon, Horry, SC 29588	34°22'2.9"N	79°19'22.1"W	35	83 Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
39)	WCMH Studio1 rev.	3165 Oletangy River Rd Columbus, Franklin, OH 43202	40°1'31.5"N	83°1'47.2"W	226	83 Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
40)	WCMH Studio2 rev.	3165 Oletangy River Rd Columbus, Franklin, OH 43202	40°1'31.3"N	83°1'46.8"W	226	83 Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
41)	WCMH Studio3 rev.	3165 Oletangy River Rd Columbus, Franklin, OH 43202	40°1'30.3"N	83°1'45.6"W	226	83 Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
42)	WCMH Studio4 rev.	3165 Oletangy River Rd Columbus, Franklin, OH 43202	40°1'29.4"N	83°1'40.2"W	226	83 Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.



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43)	WCMH Studio5 rev.	3165 Oletangy River Rd Columbus, Franklin, OH 43202	40°1'31.7"N	83°1'47.9"W	226	83 Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
44)	WCMH Studio6 rev.	3165 Oletangy River Rd Wichita Falls, Wichita, OH 43202	40°1'31.6"N	83°1'47.5"W	226	83 Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
45)	WOI Studio9	3903 Westown Pkwy W Des Moines, Polk, IA 50266	41°35'50.5"N	93°45'29.1"W	294.13	83 Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
46)	WOOD Studio1	120 College Ave SE Grand Rapids, Kent, MI 49503	42°57'37.9"N	85°39'22.5"W	225	83 Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
47)	WOOD Studio2	120 College Ave SE Grand Rapids, Kent, MI 49503	42°57'37.9"N	85°39'22.9"W	225	83 Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
48)	WOOD Studio3	120 College Ave SE Grand Rapids, Kent, MI 49503	42°57'39.1"N	85°39'22.6"W	224	83 Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.



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#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	NAD	Special Provisions (Refer to Section H)
49)	WOOD Studio4	120 College Ave SE Grand Rapids, Kent, MI 49503	42°57'37.9"N	85°39'21.4"W	224	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
50)	WSYR Studio5	5904 Bridge St East Syracuse, Onondaga, NY 13057	43°3'20.9"N	76°3'52.4"W	129.97	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
51)	WSYR Studio6	5904 Bridge St East Syracuse, Onondaga, NY 13057	43°3'20.9"N	76°3'52.4"W	129.97	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
52)	WSYR Studio7	5904 Bridge St East Syracuse, Onondaga, NY 13057	43°3'20.9"N	76°3'52.4"W	129.97	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
53)	WSYR Studio8	5904 Bridge St East Syracuse, Onondaga, NY 13057	43°3'20.9"N	76°3'52.4"W	129.97	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.
54)	WZDX Studio1	1309 Memorial Pkwy NW Huntsville, Madison, AL 35801	34°44'45.1"N	86°36'6.0"W	192	83	Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.



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55)	WZDX Studio2	1309 Memorial Pkwy NW Huntsville, Madison, AL 35801	34°44'45.1"N	86°36'6.0"W	192	83	

Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.

56)	WZDX Studio3	1309 Memorial Pkwy NW Huntsville, Madison, AL 35801	34°44'45.1"N	86°36'6.0"W	192	83	
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Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.

57)	WZDX Studio4	1309 Memorial Pkwy NW Huntsville, Madison, AL 35801	34°44'45.1"N	86°36'6.0"W	192	83	
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Licensee certifies antenna(s) do not comply with Section 25.209. Please refer to Section E for special conditions placed upon antennas at this site.

Subject to the provisions of the Communications Act of 1934, The Communications Satellite Act of 1962, subsequent acts and treaties, and all present and future regulations made by this Commission, and further subject to the conditions and requirements set forth in this license, the registrant is registered to operate the radio facilities described below for radio communications for the term beginning October 5, 2018 (3 AM Eastern Standard Time) and ending October 5, 2033 (3 AM Eastern Standard Time) . The required date of commencement of operation is 00/00/0000. Registrant must file with the Commission a certification upon commencement of operation.

B) Particulars of Operations

The General Provision 1010 applies to all receiving frequency bands.

The General Provision 1900 applies to all transmitting frequency bands.

For the text of these provisions, refer to Section H.

#	Frequency (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
1)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	10		PSK, Digital video with assoc. digital audio/data
2)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	11		PSK, Digital video with assoc. digital audio/data



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#	Frequency (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
3)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	15		PSK, Digital video with assoc. digital audio/data
4)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	3		PSK, Digital video with assoc. digital audio/data
5)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	3M Fixed		PSK, Digital video with assoc. digital audio/data
6)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	5		PSK, Digital video with assoc. digital audio/data
7)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	6		PSK, Digital video with assoc. digital audio/data
8)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	ABC 2		PSK, Digital video with assoc. digital audio/data
9)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Ant 10		PSK, Digital video with assoc. digital audio/data
10)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Ant 11		PSK, Digital video with assoc. digital audio/data
11)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Antenna 1		PSK, Digital video with assoc. digital audio/data
12)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Antenna 2		PSK, Digital video with assoc. digital audio/data
13)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Antenna 3		PSK, Digital video with assoc. digital audio/data
14)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Antenna 4		PSK, Digital video with assoc. digital audio/data
15)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Antenna 5		PSK, Digital video with assoc. digital audio/data
16)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Antenna 6		PSK, Digital video with assoc. digital audio/data
17)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Ants11,12		PSK, Digital video with assoc. digital audio/data
18)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Ants2,3		PSK, Digital video with assoc. digital audio/data
19)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Ants2-4		PSK, Digital video with assoc. digital audio/data
20)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Ants7-10		PSK, Digital video with assoc. digital audio/data



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The General Provision 1010 applies to all receiving frequency bands.

The General Provision 1900 applies to all transmitting frequency bands.

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#	Frequency (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
21)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	CBN Gal28		PSK, Digital video with assoc. digital audio/data
22)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	CBS Pr,Bu		PSK, Digital video with assoc. digital audio/data
23)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Digi Gal16		PSK, Digital video with assoc. digital audio/data
24)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Digi Gal19		PSK, Digital video with assoc. digital audio/data
25)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Dish 20		PSK, Digital video with assoc. digital audio/data
26)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Dish 6		PSK, Digital video with assoc. digital audio/data
27)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Dish 7		PSK, Digital video with assoc. digital audio/data
28)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Dish 8		PSK, Digital video with assoc. digital audio/data
29)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Dish A		PSK, Digital video with assoc. digital audio/data
30)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Dish B,C,D		PSK, Digital video with assoc. digital audio/data
31)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Dish E		PSK, Digital video with assoc. digital audio/data
32)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Dish1,2		PSK, Digital video with assoc. digital audio/data
33)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Dish21etc		PSK, Digital video with assoc. digital audio/data
34)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Dish22		PSK, Digital video with assoc. digital audio/data
35)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Dish4.9		PSK, Digital video with assoc. digital audio/data
36)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Fox Pri		PSK, Digital video with assoc. digital audio/data
37)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Fox Sec		PSK, Digital video with assoc. digital audio/data
38)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Gal 23		PSK, Digital video with assoc. digital audio/data



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B) Particulars of Operations

The General Provision 1010 applies to all receiving frequency bands.

The General Provision 1900 applies to all transmitting frequency bands.

For the text of these provisions, refer to Section H.

#	Frequency (MHz)	Polarization Code	Emission	Tx/Rx Mode	Max EIRP /Carrier (dBW)	Max EIRP Density /Carrier (dBW/4kHz)	Associated Antenna	Special Provisions (Refer to Section H)	Modulation/ Services
39)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Gal16, 3c		PSK, Digital video with assoc. digital audio/data
40)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Gal19, SES1		PSK, Digital video with assoc. digital audio/data
41)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Ion, Digi		PSK, Digital video with assoc. digital audio/data
42)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	JwlSES1		PSK, Digital video with assoc. digital audio/data
43)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Movables		PSK, Digital video with assoc. digital audio/data
44)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	NBC Rain		PSK, Digital video with assoc. digital audio/data
45)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Pathfire		PSK, Digital video with assoc. digital audio/data
46)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Pathfire		PSK, Digital video with assoc. digital audio/data
47)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Sat 2		PSK, Digital video with assoc. digital audio/data
48)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Sat 20		PSK, Digital video with assoc. digital audio/data
49)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Sat 21		PSK, Digital video with assoc. digital audio/data
50)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Sat 8		PSK, Digital video with assoc. digital audio/data
51)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Sat C		PSK, Digital video with assoc. digital audio/data
52)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Sat D		PSK, Digital video with assoc. digital audio/data
53)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	Sat1,3		PSK, Digital video with assoc. digital audio/data
54)	3700.0000-4200.0000	H, V	36MOG7W	Rx	0.00	0.00	UPN, PAT		PSK, Digital video with assoc. digital audio/data



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C) Frequency Coordination Limits

#	Frequency Limits (MHz)	Satellite Arc (Deg. Long.)		Elevation (Degrees)		Azimuth (Degrees)		Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
		East Limit	West Limit	East Limit	West Limit	East Limit	West Limit		
1)	3700.0000-4200.0000	60.0E-143.0W		37.7-08.2		157.1-253.8		0	Dish21etc
2)	3700.0000-4200.0000	60.0E-143.0W		37.7-08.2		157.1-253.8		0	Dish 20
3)	3700.0000-4200.0000	60.0E-143.0W		37.7-08.2		157.1-253.8		0	Dish 8
4)	3700.0000-4200.0000	60.0E-143.0W		29.6-08.5		156.7-254.5		0	5
5)	3700.0000-4200.0000	60.0E-143.0W		29.6-08.5		156.7-254.5		0	6
6)	3700.0000-4200.0000	60.0E-143.0W		37.7-08.2		157.1-253.8		0	Dish22
7)	3700.0000-4200.0000	60.0E-143.0W		39.6-08.5		156.7-254.5		0	3
8)	3700.0000-4200.0000	60.0E-143.0W		39.6-08.5		156.7-254.5		0	10
9)	3700.0000-4200.0000	60.0E-143.0W		39.6-08.5		156.7-254.5		0	11
10)	3700.0000-4200.0000	60.0E-143.0W		45.0-13.1		148.2-254.4		0	CBS Pr,Bu
11)	3700.0000-4200.0000	60.0E-143.0W		29.6-08.5		156.7-254.5		0	15
12)	3700.0000-4200.0000	60.0E-143.0W		45.9-13.0		148.2-254.9		0	Dish B,C,D
13)	3700.0000-4200.0000	60.0E-143.0W		45.0-13.1		148.2-254.4		0	Dish E
14)	3700.0000-4200.0000	60.0E-143.0W		34.1-14.9		144.8-246.4		0	Pathfire
15)	3700.0000-4200.0000	60.0E-143.0W		45.9-13.0		148.2-254.9		0	Dish A
16)	3700.0000-4200.0000	60.0E-143.0W		34.1-14.9		144.8-246.4		0	UPN,PAT
17)	3700.0000-4200.0000	60.0E-143.0W		34.1-14.9		144.8-246.4		0	ABC 2
18)	3700.0000-4200.0000	60.0E-143.0W		31.0-21.2		134.8-240.2		0	Pathfire
19)	3700.0000-4200.0000	60.0E-143.0W		40.7-18.9		138.6-249.3		0	Gall6,3c
20)	3700.0000-4200.0000	60.0E-143.0W		34.1-14.9		144.8-246.4		0	NW Dish
21)	3700.0000-4200.0000	60.0E-143.0W		40.7-18.9		138.6-249.3		0	Sat C
22)	3700.0000-4200.0000	60.0E-143.0W		40.7-18.9		138.6-249.3		0	Sat D
23)	3700.0000-4200.0000	60.0E-143.0W		36.6-27.0		127.0-244.1		0	Dish1,2
24)	3700.0000-4200.0000	60.0E-143.0W		36.6-27.0		127.0-244.1		0	Dish4.9
25)	3700.0000-4200.0000	60.0E-143.0W		40.7-18.9		138.6-249.3		0	Gall9,SES1
26)	3700.0000-4200.0000	60.0E-143.0W		36.6-27.0		127.0-244.1		0	Dish 7
27)	3700.0000-4200.0000	60.0E-143.0W		36.6-27.0		127.0-244.1		0	3M Fixed
28)	3700.0000-4200.0000	60.0E-143.0W		33.2-28.8		125.0-240.4		0	Fox Pri
29)	3700.0000-4200.0000	60.0E-143.0W		33.2-28.8		125.0-240.4		0	Fox Sec
30)	3700.0000-4200.0000	60.0E-143.0W		36.6-27.0		127.0-244.1		0	Dish 6
31)	3700.0000-4200.0000	60.0E-143.0W		33.2-28.8		125.0-240.4		0	Digi Gall9
32)	3700.0000-4200.0000	60.0E-143.0W		33.2-28.8		125.0-240.4		0	Digi Gall16
33)	3700.0000-4200.0000	60.0E-143.0W		33.2-28.8		125.0-240.4		0	CBN Gal28
34)	3700.0000-4200.0000	60.0E-143.0W		33.0-28.8		125.0-240.4		0	JwlSES1
35)	3700.0000-4200.0000	60.0E-143.0W		33.2-28.8		125.0-240.4		0	NBC Rain



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C) Frequency Coordination Limits

#	Frequency Limits (MHz)	Satellite Arc (Deg. Long.)		Elevation (Degrees)		Azimuth (Degrees)		Max EIRP Density toward Horizon (dBW/4kHz)	Associated Antenna(s)
		East Limit	West Limit	East Limit	West Limit	East Limit	West Limit		
36)	3700.0000-4200.0000	60.0E-143.0W		33.2-28.8		125.0-240.4		0	Sat 8
37)	3700.0000-4200.0000	60.0E-143.0W		33.2-28.8		125.0-240.4		0	Sat 20
38)	3700.0000-4200.0000	60.0E-143.0W		33.2-28.8		125.0-240.4		0	Sat 21
39)	3700.0000-4200.0000	60.0E-143.0W		23.3-22.5		130.2-231.2		0	Sat1,3
40)	3700.0000-4200.0000	60.0E-143.0W		33.2-28.8		125.0-240.4		0	Gal 23
41)	3700.0000-4200.0000	60.0E-143.0W		38.7-10.3		148.4-253.3		0	Antenna 1
42)	3700.0000-4200.0000	60.0E-143.0W		38.7-10.3		148.4-253.3		0	Antenna 2
43)	3700.0000-4200.0000	60.0E-143.0W		38.7-10.3		148.4-253.3		0	Antenna 3
44)	3700.0000-4200.0000	60.0E-143.0W		23.3-22.5		130.2-231.2		0	Sat 2
45)	3700.0000-4200.0000	60.0E-143.0W		38.7-10.3		148.4-253.3		0	Antenna 6
46)	3700.0000-4200.0000	60.0E-143.0W		66.0-15.3		144.4-247.5		0	Movables
47)	3700.0000-4200.0000	60.0E-143.0W		66.0-15.3		144.4-247.5		0	Ion,Digi
48)	3700.0000-4200.0000	60.0E-143.0W		41.2-16.3		143.0-250.6		0	Ants2-4
49)	3700.0000-4200.0000	60.0E-143.0W		38.7-10.3		148.4-253.3		0	Antenna 5
50)	3700.0000-4200.0000	60.0E-143.0W		41.2-16.3		143.0-250.6		0	Ant 11
51)	3700.0000-4200.0000	60.0E-143.0W		38.3-21.3		135.1-146.6		0	Ants7-10
52)	3700.0000-4200.0000	60.0E-143.0W		38.3-21.3		135.1-246.6		0	Ants11,12
53)	3700.0000-4200.0000	60.0E-143.0W		41.2-16.3		143.0-250.6		0	Ant 10
54)	3700.0000-4200.0000	60.0E-143.0W		38.3-21.3		135.1-246.6		0	Ants2,3

D) Points of Communications

The following stations located in the Satellite orbits consistent with Sections B and C of this Entry:

- 1) WSYR Studio5 to Permitted Space Station List
- 2) WSYR Studio7 to Permitted Space Station List
- 3) WSYR Studio8 to Permitted Space Station List
- 4) WBRE Studio2 to Permitted Space Station List
- 5) WBRE Studio3 to Permitted Space Station List
- 6) WSYR Studio6 to Permitted Space Station List
- 7) WBRE Studio5 to Permitted Space Station List
- 8) WBRE Studio6 to Permitted Space Station List
- 9) WBRE Studio7 to Permitted Space Station List
- 10) WBTW Transmitter to Permitted Space Station List
- 11) WBRE Studio4 to Permitted Space Station List
- 12) WBTW Studio2 to Permitted Space Station List



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D) Points of Communications

The following stations located in the Satellite orbits consistent with Sections B and C of this Entry:

- 13) WBTW Transmitter2 to Permitted Space Station List
- 14) WBTW Studio3 to Permitted Space Station List
- 15) WOOD Studio1 to Permitted Space Station List
- 16) WBTW Studio1 to Permitted Space Station List
- 17) WOOD Studio3 to Permitted Space Station List
- 18) WOOD Studio4 to Permitted Space Station List
- 19) WOI Studio9 to Permitted Space Station List
- 20) WZDX Studio1 to Permitted Space Station List
- 21) WOOD Studio2 to Permitted Space Station List
- 22) WZDX Studio3 to Permitted Space Station List
- 23) WZDX Studio4 to Permitted Space Station List
- 24) KETK Studio1 to Permitted Space Station List
- 25) KETK Studio2 to Permitted Space Station List
- 26) WZDX Studio2 to Permitted Space Station List
- 27) KETK Studio4 to Permitted Space Station List
- 28) KETK Studio5 to Permitted Space Station List
- 29) KFDX Studio1 to Permitted Space Station List
- 30) KFDX Studio2 to Permitted Space Station List
- 31) KETK Studio3 to Permitted Space Station List
- 32) KFDX Studio4 to Permitted Space Station List
- 33) KFDX Studio5 to Permitted Space Station List
- 34) KFDX Studio6 to Permitted Space Station List
- 35) KFDX Studio7 to Permitted Space Station List
- 36) KFDX Studio3 to Permitted Space Station List
- 37) KFDX Studio9 to Permitted Space Station List
- 38) KFDX Studio10 to Permitted Space Station List
- 39) KFDX Studio11 to Permitted Space Station List
- 40) KVEO Studio1 to Permitted Space Station List
- 41) KFDX Studio8 to Permitted Space Station List
- 42) WCMH Studio1 rev. to Permitted Space Station List
- 43) WCMH Studio2 rev. to Permitted Space Station List
- 44) WCMH Studio3 rev. to Permitted Space Station List
- 45) WCMH Studio4 rev. to Permitted Space Station List
- 46) KVEO Studio2 to Permitted Space Station List
- 47) WCMH Studio6 rev. to Permitted Space Station List
- 48) KTAL Studio1 rev. to Permitted Space Station List



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D) Points of Communications

The following stations located in the Satellite orbits consistent with Sections B and C of this Entry:

- 49) KTAL Studio2 rev. to Permitted Space Station List
- 50) WATE Studio1 rev. to Permitted Space Station List
- 51) WCMH Studio5 rev. to Permitted Space Station List
- 52) WATE Studio3 rev. to Permitted Space Station List
- 53) Memphis Hub1 rev. to Permitted Space Station List
- 54) Memphis Hub2 rev. to Permitted Space Station List
- 55) Memphis Hub3 rev. to Permitted Space Station List
- 56) WATE Studio2 rev. to Permitted Space Station List
- 57) Memphis Hub4 rev. to Permitted Space Station List

E) Antenna Facilities

Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
WBRE Studio6	10	1	3.8	Patriot	3.8	169	14 AGL/ 183 AMSL	
		Max Gains(s): 41.7 dBi @ 4.0000 GHz						
		Maximum total input power at antenna flange (Watts) =						.00
		Maximum aggregate output EIRP for all carriers (dBW) =						.00
WBRE Studio7	11	1	4.2	DH	4.2	169	15 AGL/ 184 AMSL	
		Max Gains(s): 43.0 dBi @ 4.0000 GHz						
		Maximum total input power at antenna flange (Watts) =						.00
		Maximum aggregate output EIRP for all carriers (dBW) =						.00
WBRE Studio4	15	1	3.2	SAM I	2 mesh	169	19 AGL/ 188 AMSL	
		Max Gains(s): 39.0 dBi @ 4.0000 GHz						
		Maximum total input power at antenna flange (Watts) =						.00
		Maximum aggregate output EIRP for all carriers (dBW) =						.00
WBRE Studio5	3	2	3.7	Patriot	3.7	169	14 AGL/ 183 AMSL	
		Max Gains(s): 41.0 dBi @ 4.0000 GHz						
		Maximum total input power at antenna flange (Watts) =						.00
		Maximum aggregate output EIRP for all carriers (dBW) =						.00



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E) Antenna Facilities

Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
WCMH Studio1 rev.	Antenna 1	1	4.5	DH	unknown	226	6 AGL/ 232 AMSL	
	Max Gains(s):	40.5 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
WCMH Studio2 rev.	Antenna 2	1	4.5	DH	unknown	226	6 AGL/ 232 AMSL	
	Max Gains(s):	44.3 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
WCMH Studio3 rev.	Antenna 3	1	4.5	SA	unknown	226	5 AGL/ 232 AMSL	
	Max Gains(s):	43.1 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
WCMH Studio4 rev.	Antenna 4	1	4.5	Patriot	unknown	226	6 AGL/ 232 AMSL	
	Max Gains(s):	43.1 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
WCMH Studio5 rev.	Antenna 5	1	4.5	DH	unknown	226	6 AGL/ 232 AMSL	
	Max Gains(s):	43.1 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
WCMH Studio6 rev.	Antenna 6	1	4.5	DH	unknown	226	6 AGL/ 232 AMSL	
	Max Gains(s):	44.3 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			



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E) Antenna Facilities

Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
Memphis Hub2 rev.	Ants11,12	2	4.5	Patriot	unknown	79	4 AGL/ 83 AMSL	
	Max Gains(s):	40.0 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Memphis Hub4 rev.	Ants2,3	2	0	Patriot	4.5	79	83 AGL/ 0 AMSL	
	Max Gains(s):	42.3 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
WATE Studio1 rev.	Ants2-4	3	4.5	Andrews	unknown	285	5 AGL/ 290 AMSL	
	Max Gains(s):	42.0 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Memphis Hub1 rev.	Ants7-10	4	4.5	Andrew	unknown	79	4 AGL/ 83 AMSL	
	Max Gains(s):	42.0 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
KFDX Studio6	CBN Gal28	1	3.7	unknown	unknown	310	3.5 AGL/ 313.5 AMSL	
	Max Gains(s):	42.0 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
WBTW Transmitter	CBS Pr,Bu	2	4.5	DH	45DH1	35	4.3 AGL/ 39.3 AMSL	
	Max Gains(s):	43.9 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			



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RADIO STATION REGISTRATION

Name: Nexstar Broadcasting, Inc.

Call Sign: E191437

Authorization Type: Registration

File Number: SES-REG-20181005-05059

Non Common Carrier

Grant date: 06/08/2020

Expiration Date: 10/05/2033

E) Antenna Facilities

Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
KFDX Studio5	Digi Gall16	1	3.7	unknown	unknown	310	4 AGL/ 314 AMSL	
			Max Gains(s): 42.0 dBi @ 4.0000 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
KFDX Studio4	Digi Gall19	1	6	unknown	unknown	310	5 AGL/ 315 AMSL	
			Max Gains(s): 46.0 dBi @ 4.0000 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
WSYR Studio7	Dish 20	1	3.8	Patriot	PRT-380	129.97	5 AGL/ 134.97 AMSL	
			Max Gains(s): 41.0 dBi @ 4.0000 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
KETK Studio3	Dish 6	1	4	Patriot	unknown	164	5 AGL/ 169 AMSL	
			Max Gains(s): 43.9 dBi @ 4.0000 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
KETK Studio4	Dish 7	1	3.1	Patriot	PRT-310	164	3.5 AGL/ 168.5 AMSL	
			Max Gains(s): 43.9 dBi @ 4.0000 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
WSYR Studio8	Dish 8	1	3	DH	3.0 single wall	129.97	5 AGL/ 134.97 AMSL	
			Max Gains(s): 39.0 dBi @ 4.0000 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			



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WBTW Studio1	Dish A	1	3	DH	30DH1	7	4.3 AGL/ 11.3 AMSL	
	Max Gains(s):	40.6 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
WBTW Studio2	Dish B,C,D	3	3.7	DH	37DH1	7	4.8 AGL/ 11.8 AMSL	
	Max Gains(s):	42.3 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
WBTW Transmitter2	Dish E	1	4.5	DH	45DH1	35	4.6 AGL/ 39.6 AMSL	
	Max Gains(s):	43.9 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
KETK Studio1	Dish1,2	2	7.5	Harris	unknown	164	8.5 AGL/ 172.5 AMSL	
	Max Gains(s):	48.3 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
WSYR Studio5	Dish21etc	4	3.8	DH	3.8 single wall	129.97	5 AGL/ 134.97 AMSL	
	Max Gains(s):	41.0 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
WSYR Studio6	Dish22	1	4.5	DH	4.5 single wall	129.97	5 AGL/ 135.97 AMSL	
	Max Gains(s):	43.0 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			



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E) Antenna Facilities

Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
KETK Studio2	Dish4.9	2	4	DH	unknown	164	4 AGL/ 168 AMSL	
	Max Gains(s):	42.6 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
KFDX Studio1	Fox Pri	1	4.5	unknown	unknown	310	5 AGL/ 315 AMSL	
	Max Gains(s):	44.0 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
KFDX Studio2	Fox Sec	1	4.5	unknown	unknown	310	5 AGL/ 315 AMSL	
	Max Gains(s):	44.0 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
KFDX Studio8	Gal 23	1	3.4	unknown	unknown	310	3.35 AGL/ 313.35 AMSL	
	Max Gains(s):	42.0 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
WZDX Studio1	Gall16,3c	2	4.6	Andrews	unknown	192	6 AGL/ 198 AMSL	
	Max Gains(s):	43.0 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
WZDX Studio2	Gall19,SES1	2	4.8	unknown	unknown	192	5 AGL/ 197 AMSL	
	Max Gains(s):	43.0 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			



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E) Antenna Facilities

Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
KTAL Studio2 rev.	Ion,Digi	2	3	Patriot	unknown	65	4 AGL/ 69 AMSL	
	Max Gains(s):	40.1 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
KFDX Studio7	JwlSES1	1	3.7	unknown	unknown	310	3.65 AGL/ 313.65 AMSL	
	Max Gains(s):	42.0 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
KTAL Studio1 rev.	Movables	2	4.5	Andrew	unknown	65	5.6 AGL/ 70.6 AMSL	
	Max Gains(s):	44.5 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
KFDX Studio3	NBC Rain	1	3.7	unknown	unknown	310	3 AGL/ 313 AMSL	
	Max Gains(s):	42.0 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
WOOD Studio2	NW Dish	1	4.5	Dawnco	4.5	225	12 AGL/ 237 AMSL	
	Max Gains(s):	43.9 dBi @	0.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
WOI Studio9	Pathfire	1	1.8	unknown	unknown	294.13	2.6 AGL/ 296.73 AMSL	
	Max Gains(s):	43.0 dBi @	4.0000 GHz					
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			



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E) Antenna Facilities

Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
WOOD Studio1	Pathfire	1	3.7	unknown	unknown	225	11.5 AGL/ 236.5 AMSL	
Max Gains(s):		40.4 dBi @ 4.0000 GHz						
Maximum total input power at antenna flange (Watts) =					.00			
Maximum aggregate output EIRP for all carriers (dBW) =					.00			
KVEO Studio2	Sat 2	1	5	unknown	unknown	8.8	6 AGL/ 14.8 AMSL	
Max Gains(s):		40.0 dBi @ 4.0000 GHz						
Maximum total input power at antenna flange (Watts) =					.00			
Maximum aggregate output EIRP for all carriers (dBW) =					.00			
KFDX Studio1	Sat 20	1	3.8	unknown	unknown	310	3.35 AGL/ 313.35 AMSL	
Max Gains(s):		42.0 dBi @ 4.0000 GHz						
Maximum total input power at antenna flange (Watts) =					.00			
Maximum aggregate output EIRP for all carriers (dBW) =					.00			
KFDX Studio1	Sat 21	1	3.8	unknown	unknown	310	3.65 AGL/ 313.65 AMSL	
Max Gains(s):		42.0 dBi @ 4.0000 GHz						
Maximum total input power at antenna flange (Watts) =					.00			
Maximum aggregate output EIRP for all carriers (dBW) =					.00			
KFDX Studio9	Sat 8	1	3.8	unknown	unknown	310	3.65 AGL/ 313.65 AMSL	
Max Gains(s):		42.0 dBi @ 4.0000 GHz						
Maximum total input power at antenna flange (Watts) =					.00			
Maximum aggregate output EIRP for all carriers (dBW) =					.00			
WZDX Studio3	Sat C	1	3.8	Comtech	unknown	192	4 AGL/ 196 AMSL	
Max Gains(s):		41.0 dBi @ 4.0000 GHz						
Maximum total input power at antenna flange (Watts) =					.00			
Maximum aggregate output EIRP for all carriers (dBW) =					.00			



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Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
WZDX Studio4	Sat D	1	2.8	DH	unknown	192	3 AGL/ 195 AMSL	
			Max Gains(s): 39.0 dBi @ 4.0000 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
KVEO Studio1	Sat1,3	2	5.3	unknown	unknown	8.8	6 AGL/ 14.8 AMSL	
			Max Gains(s): 40.0 dBi @ 4.0000 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
WOOD Studio3	UPN,PAT	2	4.5	Patriot	4.5	224	5 AGL/ 229 AMSL	
			Max Gains(s): 43.9 dBi @ 4.0000 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			

G) Antenna Structure marking and lighting requirements:

None unless otherwise specified under Special and General Provisions

H) Special and General Provisions

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

4 --- Licensee must ensure that a current listing of the name, title, mailing address, email address, and telephone number of the responsible point of contact are on file at the FCC. Any changes must be filed electronically in the International Bureau Filing System (MyIBFS) using the "Pleadings and Comments" link on the MyIBFS homepage within 10 days of the change.

6 --- Licensee must comply with the license modification and notification requirements of 47 CFR § 25.118 to change the coordinates of its authorized earth station.

8 --- Licensee must notify the Commission when all earth stations operating under this authorization are no longer operational or when they have not been used to provide any service during any 6-month operation.

90398 --- Changes to previously authorized transmitting facilities, operations and devices regulated by the Commission that may have significant environmental impact, and are not excluded by §1.1306, require the preparation of an Environmental Assessment (EA) by the licensee. (See 47 C.F.R. §§1.1307, 1.1308 and 1.1311)



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H) Special and General Provisions

A) This RADIO STATION AUTHORIZATION is granted subject to the following special provisions and general conditions:

- 90470 --- The application for this authorization was filed within the 194-day filing window for FSS earth stations operating in the 3700-4200 MHz frequency band as of April 19, 2018, as established by Public Notice DA 18-398 (rel. Apr. 19, 2018) and Public Notice DA-18-639 (rel. Jun. 21, 2018), and Public Notice DA 18-1061 (rel. Oct. 17, 2018).
- 90472 --- The application for this authorization was filed without a coordination report pursuant to the waiver granted in Public Notice DA 18-398 (rel. Apr. 19, 2018). Operations of this earth station in the 3700-4200 MHz band are not entitled to protection from stations operating in the fixed service.
- 900407 --- The Permitted Space Station List (Permitted List) is a list of all geostationary space stations providing fixed-satellite service pursuant to a Commission license or grant of U.S. market access. The Permitted List currently includes the following frequency bands per §25.103 and §25.115(k)(1):

3600-4200 MHz (space-to-Earth)
5850-6725 MHz (Earth-to-space)
10.95-11.2 GHz (space-to-Earth)
11.45-12.2 GHz (space-to-Earth)
13.75-14.5 GHz (Earth-to-space)
18.3-18.8 GHz (space-to-Earth)
19.7-20.2 GHz (space-to-Earth)
24.75-25.25 GHz (Earth-to-space)
28.35-28.6 GHz (Earth-to-space)
29.25-30.0 GHz (Earth-to-space).

Earth stations with "Permitted List" designated as a point of communication may access any space station on the Permitted List, provided the operations comply with the applicable "routine" uplink and downlink limits, are within the specific frequency bands authorized in the earth station license, have completed coordination with terrestrial stations pursuant to §25.203, and otherwise comply with all terms and conditions of both the earth station license and the space station grant.



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B) This RADIO STATION AUTHORIZATION is granted subject to the additional conditions specified below:

This authorization is issued on the grantee's representation that the statements contained in the application are true and that the undertakings described will be carried out in good faith.

This authorization shall not be construed in any manner as a finding by the Commission on the question of marking or lighting of the antenna system should future conditions require. The grantee expressly agrees to install such marking or lighting as the Commission may require under the provisions of Section 303(q) of the Communications Act. 47 U.S.C. § 303(q).

Neither this authorization nor the right granted by this authorization shall be assigned or otherwise transferred to any person, firm, company or corporation without the written consent of the Commission. This authorization is subject to the right of use or control by the government of the United States conferred by Section 706 of the Communications Act. 47 U.S.C. § 706. Operation of this station is governed by Part 25 of the Commission's Rules. 47 C.F.R. Part 25.

This authorization shall not vest in the licensee any right to operate this station nor any right in the use of the designated frequencies beyond the term of this license, nor in any other manner than authorized herein.

This authorization is issued on the grantee's representation that the station is in compliance with environmental requirements set forth in Section 1.1307 of the Commission's Rules. 47 C.F.R. § 1.1307.

This authorization is issued on the grantee's representation that the station is in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules. 47 C.F.R. § 17.4.

The following condition applies when this authorization permits construction of or modifies the construction permit of a radio station.

This authorization shall be automatically forfeited if the station is not ready for operation by the required date of completion of construction unless an application for modification of authorization to request additional time to complete construction is filed by that date, together with a showing that failure to complete construction by the required date was due to factors not under control of the grantee.

Licensees are required to pay annual regulatory fees related to this authorization. The requirement to collect annual regulatory fees from regulatees is contained in Public Law 103-66, "The Omnibus Budget Reconciliation Act of 1993." These regulatory fees, which are likely to change each fiscal year, are used to offset costs associated with the Commission's enforcement, public service, international and policy and rulemaking activities. The Commission issues a Report and Order each year, setting the new regulatory fee rates. Receive only earth stations are exempt from payment of regulatory fees.