



**UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
RADIO STATION AUTHORIZATION**

Name: Cumulus Licensing LLC

Call Sign: E190464

Authorization Type: Modification of License

File Number: SES-MOD-20200901-00944

Non Common Carrier

Grant date: 09/02/2020

Expiration Date: 09/10/2033

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)	750 Battery Street	750 Battery Street Suite 300 San Francisco, CA 94131	37°47'54.0"N	122°24'2.1"W	4.9	83 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
2)	780 Johnson Ferry Rd	780 Johnson Ferry Road 5th Floor Atlanta, Fulton, GA 30342	33°54'22.3"N	84°21'44.7"W	363.7	83 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
3)	Abilene Studio Site	2525 S Danville Drive Abilene, Taylor, TX 79605	32°25'4.0"N	99°46'44.6"W	538	83 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
4)	Abita Springs, TX	23179 Ronald Quave Road Covington, St. Tammany Parish, LA 70435	30°31'17.7"N	90°1'12.3"W	56	83 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
5)	Albany Studio	1104 W Broad Avenue Albany, Dougherty, GA 31707	31°34'35.0"N	84°10'37.0"W	69	83 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
6)	Allentown Studio	2158 Avenue C Suite 100 Bethlehem, Northampton, PA	40°39'22.0"N	75°25'25.0"W	113	83 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209



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7)	Amarillo Studio	301 S Polk Amarillo, Potter, TX 79101	35°12'38.1"N	101°50'10.6"W	1130	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
8)	Ann Arbor Studios	1100 Victors Way Suite 100 Ann Arbor, Washtenaw, MI 48108	42°14'20.1"N	83°44'15.0"W	255.8	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
9)	Baton Rouge Studio	631 Main Street Baton Rouge, East Baton Rouge Paris, LA 70801	30°27'7.0"N	91°11'3.0"W	0	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
10)	Beaumont Studio	755 South 11th Street Suite 102 Beaumont, Jefferson, TX 77701	30°4'14.3"N	94°7'42.1"W	4.9	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
11)	Birmingham Studio	244 Goodwin Crest Drive Birmingham, Jefferson, AL 25209	33°28'20.0"N	86°49'59.0"W	287	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
12)	Bloomington Studio	236 Greenwood Avenue Bloomington, McLean, IL 61704	40°27'1.1"N	89°0'42.3"W	259	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
13)	Boise Studios	1419 W Bannock Street Boise, Ada, ID 83702	43°37'16.0"N	116°12'36.0"W	821.4	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209



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14)	Bridgeport Studio	350 Fairfield Avenue Bridgeport, Fairfield, CT 06604	41°10'43.0"N	73°11'39.1"W	0	83 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
15)	Buffalo Studio	50 James E. Casey Drive Buffalo, Erie, NY 14206	42°52'45.7"N	78°48'22.7"W	185	83 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
16)	CO Springs Studios	6805 Corporate Drive Suite 130 Colorado Springs, El Paso, CO	38°55'49.0"N	104°48'50.0"W	1921	83 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
17)	Charleston Studios	4230 Faber Place Drive Suite 100 North Charleston, Charleston, SC	32°50'33.5"N	80°1'26.8"W	1	83 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
18)	Chattanooga Studios	821 Pineville Road Chattanooga, Hamilton, TN 37405	35°4'3.0"N	85°19'53.0"W	201.17	83 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
19)	Cincinnati Studio	4805 Montgomery Road Cincinnati, Hamilton, OH 45212	39°9'59.0"N	84°27'20.0"W	191.4	83 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
20)	Columbia, MO Studios	503 Old 63 North Columbia, Boone, MO 65201	38°57'26.0"N	92°18'45.0"W	237.7	83 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209



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21)	Columbus Studio	105 5th Street North Suite 400 Columbus, Lowndes, MS 39701	33°29'43.1"N	88°25'42.4"W	88	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
22)	Culver City	8935 Lindblade Street Culver City, Los Angeles, CA 90232	34°1'36.0"N	118°23'27.0"W	35.1	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
23)	Des Moines Studio	4143 109th Street Urbandale, Polk, IA 50322	41°38'10.8"N	93°46'0.3"W	298	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
24)	Erie Studios	471 Robison Road, NW Erie, Erie, PA 16509	42°3'23.0"N	80°2'24.0"W	390	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
25)	Eugene Studio	1200 Executive Pkwy Suite 400 Eugene, Lane, OR 97401	44°4'10.8"N	123°6'31.8"W	125.2	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
26)	Fayetteville AR	4225 Frontage Road Fayetteville, Washington, AR 72703	36°7'40.7"N	94°8'38.2"W	390	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
27)	Fayetteville-	1009 Drayton Road Fayetteville, Cumberland, NC 28303	35°4'46.1"N	78°56'1.0"W	73.45	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				



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#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	Special Provisions NAD (Refer to Section H)
28)	Flint Studio Bldg.	6317 Taylor Drive Flint, Genesee, MI 48507	42°56'16.8"N	83°42'20.7"W	263.9	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
29)	Florence Studios	2014 N. Irby Street Florence, Florence, SC 29501	34°13'54.0"N	79°45'7.0"W	54.8	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
30)	Grand Rapids Studio	60 Monroe Center NW Grand Rapids, Kent, MI 49503	42°57'52.0"N	85°40'8.0"W	222	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
31)	Harrisburg Studio	2300 Vartan Way Suite 130 Harrisburg, Dauphin, PA 17110	40°19'4.8"N	76°51'22.1"W	160	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
32)	Huntsville Studio	1717 Highway 72 East Athens, Limestone, AL 35611	34°46'58.6"N	86°55'59.0"W	213	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
33)	Indy Studio Building	6810 N. Shadeland Ave. Indianapolis, Marion, IN 46220	39°52'48.8"N	87°57'12.2"W	76.7	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
34)	James St. Studios	1064 James Street Syracuse, Onondaga, NY 13203	43°3'35.6"N	76°7'52.9"W	178	83
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35)	Jenifer Street	4400 Jenifer Street Washington, N/A, DC 20015	38°57'30.0"N	77°5'11.0"W	105	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
36)	KC Studio	5800 Foxridge Drive Suite 600 Mission, Johnson, KS 66202	39°1'25.0"N	94°40'2.0"W	314	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
37)	KNBR	1410 Radio Road Redwood City, San Mateo, CA 94065	37°32'49.7"N	122°14'3.8"W	1	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
38)	KRBE Studios	9801 Westheimer Suite 700 Houston, Harris, TX 77042	29°44'12.9"N	95°32'30.6"W	72	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
39)	Knoxville Studio	4711 Old Kingston Pike Knoxville, Knox, TN 47919	35°56'25.0"N	83°58'56.0"W	283	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
40)	Lafayette Studios	202 Galbert Lafayette, Lafayette Parish, LA 70506	30°13'35.0"N	92°4'31.0"W	7	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
41)	Lake Charles Studio	425 Broad Street Lake Charles, Calcasieu Parish, LA 70601	30°13'45.9"N	93°12'53.6"W	4.9	83
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42)	Lexington Studio	300 West Vine Street Suite 300 Lexington, Fayette, KY 40507	38°2'51.6"N	84°30'3.1"W	286	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
43)	MKG-Studio	3375 Merriam Street Muskegon, Muskegon, MI 49444	43°11'27.7"N	86°14'16.5"W	175	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
44)	MSP	2000 Elm Street, S.E. Minneapolis, Hennepin, MN 55414	44°59'0.9"N	93°13'25.4"W	261	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
45)	Macon Studio	544 Mulberry Street Macon, Bibb, GA 31201	32°50'13.0"N	83°37'38.0"W	150	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
46)	Melbourne Studio	1800 West Hibiscus Blvd. Melbourne, Brevard, FL 32901	28°5'12.0"N	80°39'11.0"W	7	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
47)	Memphis Studio	5629 Murray Road Memphis, Shelby, TN 38119	35°6'5.3"N	89°52'29.3"W	94	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
48)	Mobile Main Studios	2800 Dauphin Suite 104 Mobile, Mobile, AL 36606	30°41'24.2"N	88°6'26.8"W	47	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209



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49)	Modesto-Stockton	3127 Transworld Drive Stockton, San Joaquin, CA 95206	37°54'32.0"N	121°13'35.0"W	11	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
50)	Myrtle Beach Studios	11640 Hwy 17 Bypass Murrells Inlet, Georgetown, SC 29576	33°35'41.0"N	79°1'32.0"W	6	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
51)	Oklahoma City Studio	4045 NW 64th Street Oklahoma City, Oklahoma, OK 73116	35°32'25.0"N	97°35'46.0"W	410	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
52)	Oxnard-Ventura	1376 Walter Street Ventura, Ventura, CA 93001	34°15'36.1"N	119°14'16.2"W	32	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
53)	Peoria Studio	120 Eaton Street Peoria, Peoria, IL 61603	40°41'34.0"N	89°35'2.0"W	155	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
54)	Pine Hollow	2030 Pine Hollow Blvd. Hermitage, Mercer, PA 16148	41°13'11.2"N	80°28'19.0"W	314	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
55)	Providence Studios	1502 Wampanoag Trail East Providence, Providence, RI 02915	41°46'22.3"N	71°19'30.9"W	5.5	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209



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56)	Purchase Roof	100 Manhattanville Road Purchase, Westchester, NY 10577	41°1'36.0"N	73°42'57.0"W	96	83 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
57)	Reno Studio	595 E. Plumb Lane Reno, Washoe, NV 89502	39°30'22.0"N	119°47'41.5"W	1350.9	83 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
58)	SLC Studios	434 Bearcat Drive Salt Lake City, Salt Lake, UT 84115	40°43'14.0"N	111°54'9.0"W	1298	83 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
59)	Saginaw Studio Bldg.	1740 Champagne Drive North Saginaw, Saginaw, MI 48604	43°29'5.0"N	83°57'8.2"W	187.5	83 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
60)	Shreveport Studios	270 Plaza Loop Bossier City, Caddo Parish, LA 71111	32°31'7.0"N	93°44'20.0"W	58	83 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
61)	Simon Road	4040 Simon Road Youngstown, Mahoning, OH 44512	41°3'27.1"N	80°38'18.4"W	347	83 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
62)	St. Charles Studio	201 Saint Charles Avenue New Orleans, Orleans Parrish, LA 70170	29°57'7.7"N	90°4'13.3"W	200	83 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209



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#	Site ID	Address	Latitude	Longitude	Elevation (Meters)	Special Provisions NAD (Refer to Section H)
63)	Stockton Studio	1225 MO-39 Stockton, Cedar, MO 65785	37°41'14.2"N	93°48'1.0"W	298	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
64)	Studios 1301 Gervais	1301 Gervais Street Suite 700 Columbia, Richland, SC 29201	34°0'8.0"N	81°1'54.0"W	179.8	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
65)	Tallahassee Studio	3411 W Tharpe Street Tallahassee, Leon, FL 32303	30°27'46.0"N	84°21'29.0"W	31	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
66)	Tinley Park	18301 White Eagle Drive Tinley Park, Cook, IL 60487	41°33'25.8"N	87°51'1.4"W	227	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
67)	Toledo Studio	3225 Arlington Road Toledo, Lucas, OH 43614	41°37'0.6"N	83°37'17.1"W	187	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
68)	Topeka Studio	825 Kansas Avenue Topeka, Shawnee, KS 66612	39°2'52.8"N	95°40'32.0"W	288	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				
69)	Tri-Cities Studios	162 Free Hill Road Gray, Washington, TN 37615	36°24'37.0"N	82°27'15.0"W	496.91	83
		Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209				



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70)	Tucson Studios	757 W Roger Road Tucson, Pima, AZ 85705	32°16'37.0"N	110°58'53.0"W	728	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
71)	Victory	3090 Olive Street Suite 400 Dallas, Dallas, TX 75219	32°47'21.0"N	96°48'36.0"W	157.6	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
72)	WBS Studio	600 Baltimore Drive Wilkes Barre, Luzerne, PA 18702	41°15'9.8"N	75°48'22.3"W	334	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
73)	WJR Transmitter	15725 Sibley Road Riverview, Wayne, MI 48193	42°10'8.9"N	83°12'46.7"W	178	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
74)	WMAS/WHLL	101 West Street Springfield, Hampden, MA 01104	42°6'33.3"N	72°36'36.3"W	117	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
75)	WMDH Studio	1134 State Road 38 West New Castle, Henry, IN 47362	39°55'59.0"N	85°24'28.0"W	327.1	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
76)	WWKI Studio	519 N. Main Street Kokomo, Howard, IN 46901	40°29'27.0"N	86°7'54.0"W	247.8	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209



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77)	Wellington	700 Wellington Hills Road Little Rock, Pulaski, AR 72211	34°45'36.5"N	92°26'40.8"W	160.6	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
78)	Westwood One, Denver	8250 South Akron Street Centennial, Arapahoe, CO 80112	39°34'2.0"N	104°52'53.0"W	1770	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
79)	Wichita Falls Studio	4302 Callfield Road Wichita Falls, Wichita, TX 76308	33°52'21.3"N	98°33'4.2"W	313	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209
80)	Wilmington Studios	3233 Burnt Mill Dr. Wilmington, New Hanover, NC 28403	34°13'53.5"N	77°54'9.6"W	9	83	Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209

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 grantee is authorized to construct, use and operate the radio facilities described below for radio communications for the term beginning September 10, 2018 (3 AM Eastern Standard Time) and ending September 10, 2033 (3 AM Eastern Standard Time) . The required date of completion of construction and commencement of operation is September 2, 2021 (3 AM Eastern Standard Time) . Grantee must file with the Commission a certification upon completion of construction and commencement of operation.



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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
1)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	1		digital audio and video signals
2)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	10		digital audio and video signals
3)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	100		digital audio and video signals
4)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	101		digital audio and video signals
5)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	102		digital audio and video signals
6)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	103		digital audio and video signals
7)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	104		digital audio and video signals
8)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	105		digital audio and video signals
9)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	106		digital audio and video signals
10)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	107		digital audio and video signals
11)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	108		digital audio and video signals
12)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	109		digital audio and video signals
13)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	11		digital audio and video signals
14)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	110		digital audio and video signals
15)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	111		digital audio and video signals
16)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	112		digital audio and video signals
17)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	113		digital audio and video signals
18)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	114		digital audio and video signals



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Non Common Carrier

Grant date: 09/02/2020

Expiration Date: 09/10/2033

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
19)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	115		digital audio and video signals
20)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	116		digital audio and video signals
21)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	117		digital audio and video signals
22)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	12		digital audio and video signals
23)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	13		digital audio and video signals
24)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	14		digital audio and video signals
25)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	15		digital audio and video signals
26)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	16		digital audio and video signals
27)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	17		digital audio and video signals
28)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	18		digital audio and video signals
29)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	19		digital audio and video signals
30)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	2		digital audio and video signals
31)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	20		digital audio and video signals
32)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	21		digital audio and video signals
33)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	22		digital audio and video signals
34)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	23		digital audio and video signals
35)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	24		digital audio and video signals
36)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	25		digital audio and video signals



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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
37)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	26		digital audio and video signals
38)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	27		digital audio and video signals
39)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	28		digital audio and video signals
40)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	29		digital audio and video signals
41)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	3		digital audio and video signals
42)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	30		digital audio and video signals
43)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	31		digital audio and video signals
44)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	32		digital audio and video signals
45)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	33		digital audio and video signals
46)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	34		digital audio and video signals
47)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	35		digital audio and video signals
48)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	36		digital audio and video signals
49)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	37		digital audio and video signals
50)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	38		digital audio and video signals
51)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	39		digital audio and video signals
52)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	4		digital audio and video signals
53)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	40		digital audio and video signals
54)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	41		digital audio and video signals



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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
55)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	42		digital audio and video signals
56)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	43		digital audio and video signals
57)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	44		digital audio and video signals
58)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	45		digital audio and video signals
59)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	46		digital audio and video signals
60)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	47		digital audio and video signals
61)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	48		digital audio and video signals
62)	3700.0000-4200.0000	H, V	360MG7W	Rx	0.00	0.00	49		digital audio and video signals
63)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	5		digital audio and video signals
64)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	50		digital audio and video signals
65)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	51		digital audio and video signals
66)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	52		digital audio and video signals
67)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	53		digital audio and video signals
68)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	54		digital audio and video signals
69)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	55		digital audio and video signals
70)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	56		digital audio and video signals
71)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	57		digital audio and video signals
72)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	58		digital audio and video signals



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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
73)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	59		digital audio and video signals
74)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	6		digital audio and video signals
75)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	60		digital audio and video signals
76)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	61		digital audio and video signals
77)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	62		digital audio and video signals
78)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	63		digital audio and video signals
79)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	64		digital audio and video signals
80)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	65		digital audio and video signals
81)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	66		digital audio and video signals
82)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	67		digital audio and video signals
83)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	68		digital audio and video signals
84)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	69		digital audio and video signals
85)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	7		digital audio and video signals
86)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	70		digital audio and video signals
87)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	71		digital audio and video signals
88)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	72		digital audio and video signals
89)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	73		digital audio and video signals
90)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	74		digital audio and video signals



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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
91)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	75		digital audio and video signals
92)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	76		digital audio and video signals
93)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	77		digital audio and video signals
94)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	78		digital audio and video signals
95)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	79		digital audio and video signals
96)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	8		digital audio and video signals
97)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	80		digital audio and video signals
98)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	81		digital audio and video signals
99)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	82		digital audio and video signals
100)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	83		digital audio and video signals
101)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	84		digital audio and video signals
102)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	85		digital audio and video signals
103)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	86		digital audio and video signals
104)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	87		digital audio and video signals
105)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	88		digital audio and video signals
106)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	89		digital audio and video signals
107)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	9		digital audio and video signals
108)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	90		digital audio and video signals



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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
109)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	91		digital audio and video signals
110)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	92		digital audio and video signals
111)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	93		digital audio and video signals
112)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	94		digital audio and video signals
113)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	95		digital audio and video signals
114)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	96		digital audio and video signals
115)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	97		digital audio and video signals
116)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	98		digital audio and video signals
117)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	99		digital audio and video signals

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	60.0W	-143.0W	17.5	-42.5	109.0	-219.3	0	1
2)	3700.0000-4200.0000	60.0W	-143.0W	34.1	-14.9	144.8	-246.4	0	2
3)	3700.0000-4200.0000	60.0W	-143.0W	32.9	-27.1	127.1	-240.2	0	3
4)	3700.0000-4200.0000	60.0W	-143.0W	38.1	-28.3	124.7	-245.5	0	4
5)	3700.0000-4200.0000	60.0W	-143.0W	42.8	-17.3	140.9	-251.2	0	5
6)	3700.0000-4200.0000	60.0W	-143.0W	45.7	-18.4	138.2	-252.8	0	6
7)	3700.0000-4200.0000	60.0W	-143.0W	45.7	-18.4	138.2	-252.8	0	7
8)	3700.0000-4200.0000	60.0W	-143.0W	45.7	-18.4	138.2	-252.8	0	8
9)	3700.0000-4200.0000	60.0W	-143.0W	45.6	-37.1	313.6	-299.1	0	9
10)	3700.0000-4200.0000	60.0W	-143.0W	35.2	-27.9	125.9	-242.6	0	10



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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		
11)	3700.0000-4200.0000	60.0W	143.0W	44.5	14.6	145.5	253.4	0	11
12)	3700.0000-4200.0000	60.0W	143.0W	41.2	16.3	142.9	250.6	0	12
13)	3700.0000-4200.0000	60.0W	143.0W	33.9	21.4	134.8	242.8	0	13
14)	3700.0000-4200.0000	60.0W	143.0W	33.9	21.4	134.8	242.8	0	14
15)	3700.0000-4200.0000	60.0W	143.0W	40.5	06.8	159.6	256.1	0	15
16)	3700.0000-4200.0000	60.0W	143.0W	40.5	06.8	159.6	256.1	0	16
17)	3700.0000-4200.0000	60.0W	143.0W	40.5	06.8	159.6	256.1	0	17
18)	3700.0000-4200.0000	60.0W	143.0W	41.8	23.3	131.3	249.1	0	18
19)	3700.0000-4200.0000	60.0W	143.0W	41.2	17.7	140.5	250.0	0	19
20)	3700.0000-4200.0000	60.0W	143.0W	42.1	23.5	130.8	249.3	0	20
21)	3700.0000-4200.0000	60.0W	143.0W	38.1	15.5	144.2	248.9	0	21
22)	3700.0000-4200.0000	60.0W	143.0W	41.0	24.3	129.9	248.3	0	22
23)	3700.0000-4200.0000	60.0W	143.0W	32.4	23.1	132.3	240.7	0	23
24)	3700.0000-4200.0000	60.0W	143.0W	32.4	23.1	132.3	240.7	0	24
25)	3700.0000-4200.0000	60.0W	143.0W	31.0	21.1	134.8	240.2	0	25
26)	3700.0000-4200.0000	60.0W	143.0W	45.1	30.9	324.0	295.7	0	26
27)	3700.0000-4200.0000	60.0W	143.0W	45.1	30.9	324.0	295.7	0	27
28)	3700.0000-4200.0000	60.0W	143.0W	38.4	41.2	305.2	310.3	0	28
29)	3700.0000-4200.0000	60.0W	143.0W	37.7	25.5	128.8	245.2	0	29
30)	3700.0000-4200.0000	60.0W	143.0W	37.7	25.5	128.8	245.2	0	30
31)	3700.0000-4200.0000	60.0W	143.0W	45.9	11.9	150.1	255.4	0	31
32)	3700.0000-4200.0000	60.0W	143.0W	45.9	11.9	150.1	255.4	0	32
33)	3700.0000-4200.0000	60.0W	143.0W	25.7	30.2	122.3	231.4	0	33
34)	3700.0000-4200.0000	60.0W	143.0W	35.6	13.8	146.8	248.2	0	34
35)	3700.0000-4200.0000	60.0W	143.0W	37.0	23.5	131.9	244.9	0	35
36)	3700.0000-4200.0000	60.0W	143.0W	37.0	23.5	131.9	244.9	0	36
37)	3700.0000-4200.0000	60.0W	143.0W	40.6	20.8	135.6	248.6	0	37
38)	3700.0000-4200.0000	60.0W	143.0W	43.0	21.6	133.7	250.3	0	38
39)	3700.0000-4200.0000	60.0W	143.0W	33.9	13.3	147.4	247.4	0	39
40)	3700.0000-4200.0000	60.0W	143.0W	42.6	38.0	311.5	303.1	0	40
41)	3700.0000-4200.0000	60.0W	143.0W	39.3	11.8	150.5	251.8	0	41
42)	3700.0000-4200.0000	60.0W	143.0W	39.3	11.8	150.5	251.8	0	42
43)	3700.0000-4200.0000	60.0W	143.0W	34.8	24.2	131.0	242.8	0	43
44)	3700.0000-4200.0000	60.0W	143.0W	19.7	33.2	117.1	222.8	0	44
45)	3700.0000-4200.0000	60.0W	143.0W	19.7	33.2	117.1	222.8	0	45



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Authorization Type: Modification of License

File Number: SES-MOD-20200901-00944

Non Common Carrier

Grant date: 09/02/2020

Expiration Date: 09/10/2033

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		
46)	3700.0000-4200.0000	60.0W	143.0W	40.4	04.9	163.3	257.6	0	46
47)	3700.0000-4200.0000	60.0W	143.0W	40.4	04.9	163.3	257.6	0	47
48)	3700.0000-4200.0000	60.0W	143.0W	40.5	25.1	128.8	247.8	0	48
49)	3700.0000-4200.0000	60.0W	143.0W	15.4	33.0	114.8	216.2	0	49
50)	3700.0000-4200.0000	60.0W	143.0W	15.4	33.0	114.8	216.2	0	50
51)	3700.0000-4200.0000	60.0W	143.0W	05.1	09.2	196.9	279.8	0	51
52)	3700.0000-4200.0000	60.0W	143.0W	05.1	09.2	196.9	279.8	0	52
53)	3700.0000-4200.0000	60.0W	143.0W	39.7	08.3	156.8	254.5	0	53
54)	3700.0000-4200.0000	60.0W	143.0W	40.4	08.2	157.1	255.0	0	54
55)	3700.0000-4200.0000	60.0W	143.0W	34.6	18.3	139.5	244.8	0	55
56)	3700.0000-4200.0000	60.0W	143.0W	14.4	38.4	110.3	214.0	0	56
57)	3700.0000-4200.0000	60.0W	143.0W	40.5	06.4	160.4	256.4	0	57
58)	3700.0000-4200.0000	60.0W	143.0W	44.9	17.9	139.4	252.4	0	58
59)	3700.0000-4200.0000	60.0W	143.0W	35.0	13.5	147.2	248.0	0	59
60)	3700.0000-4200.0000	60.0W	143.0W	44.5	12.5	149.2	254.4	0	60
61)	3700.0000-4200.0000	60.0W	143.0W	50.0	32.1	322.7	292.0	0	61
62)	3700.0000-4200.0000	60.0W	143.0W	50.0	32.1	322.7	292.0	0	62
63)	3700.0000-4200.0000	60.0W	143.0W	50.0	34.1	319.2	293.0	0	63
64)	3700.0000-4200.0000	60.0W	143.0W	36.2	13.9	146.6	248.5	0	64
65)	3700.0000-4200.0000	60.0W	143.0W	36.2	13.9	146.6	248.5	0	65
66)	3700.0000-4200.0000	60.0W	143.0W	40.5	19.1	138.3	249.0	0	66
67)	3700.0000-4200.0000	60.0W	143.0W	40.5	19.1	138.3	249.0	0	67
68)	3700.0000-4200.0000	60.0W	143.0W	39.0	15.9	143.5	249.3	0	68
69)	3700.0000-4200.0000	60.0W	143.0W	45.0	13.4	147.4	254.2	0	69
70)	3700.0000-4200.0000	60.0W	143.0W	46.1	14.0	146.1	254.6	0	70
71)	3700.0000-4200.0000	60.0W	143.0W	46.1	14.0	146.1	254.6	0	71
72)	3700.0000-4200.0000	60.0W	143.0W	46.1	14.0	146.1	254.6	0	72
73)	3700.0000-4200.0000	60.0W	143.0W	45.2	41.5	306.8	301.1	0	73
74)	3700.0000-4200.0000	60.0W	143.0W	45.2	41.5	306.8	301.1	0	74
75)	3700.0000-4200.0000	60.0W	143.0W	13.0	41.2	107.8	211.5	0	75
76)	3700.0000-4200.0000	60.0W	143.0W	35.8	01.0	205.4	283.0	0	76
77)	3700.0000-4200.0000	60.0W	143.0W	55.2	29.2	328.0	286.3	0	77
78)	3700.0000-4200.0000	60.0W	143.0W	55.2	29.2	328.0	286.3	0	78
79)	3700.0000-4200.0000	60.0W	143.0W	34.2	17.0	141.5	245.2	0	79
80)	3700.0000-4200.0000	60.0W	143.0W	39.7	05.8	161.6	256.6	0	80



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Non Common Carrier

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Expiration Date: 09/10/2033

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		
81)	3700.0000-4200.0000	60.0W	143.0W	39.7	05.8	161.6	256.6	0	81
82)	3700.0000-4200.0000	60.0W	143.0W	50.1	15.8	141.3	256.2	0	82
83)	3700.0000-4200.0000	60.0W	143.0W	55.0	31.6	323.3	287.5	0	83
84)	3700.0000-4200.0000	60.0W	143.0W	55.0	31.6	323.3	287.5	0	84
85)	3700.0000-4200.0000	60.0W	143.0W	56.4	31.4	323.3	286.4	0	85
86)	3700.0000-4200.0000	60.0W	143.0W	56.4	31.4	323.3	286.4	0	86
87)	3700.0000-4200.0000	60.0W	143.0W	56.4	31.4	323.3	286.4	0	87
88)	3700.0000-4200.0000	60.0W	143.0W	25.3	29.8	122.6	230.9	0	89
89)	3700.0000-4200.0000	60.0W	143.0W	25.3	29.8	122.6	230.9	0	90
90)	3700.0000-4200.0000	60.0W	143.0W	25.3	29.8	122.6	230.9	0	91
91)	3700.0000-4200.0000	30.0W	143.0W	41.6	19.5	137.5	249.7	0	92
92)	3700.0000-4200.0000	60.0W	143.0W	41.6	19.5	137.5	249.7	0	93
93)	3700.0000-4200.0000	30.0W	143.0W	45.9	13.0	148.1	254.9	0	94
94)	3700.0000-4200.0000	60.0W	143.0W	40.2	09.4	154.9	254.0	0	95
95)	3700.0000-4200.0000	60.0W	143.0W	37.0	10.0	153.4	251.8	0	96
96)	3700.0000-4200.0000	60.0W	143.0W	60.1	15.2	357.8	274.7	0	97
97)	3700.0000-4200.0000	60.0W	143.0W	10.4	35.4	109.4	207.5	0	98
98)	3700.0000-4200.0000	60.0W	143.0W	44.1	17.0	141.1	252.2	0	99
99)	3700.0000-4200.0000	60.0W	143.0W	44.1	17.0	141.1	252.2	0	100
100)	3700.0000-4200.0000	60.0W	143.0W	41.5	09.9	154.0	254.3	0	101
101)	3700.0000-4200.0000	60.0W	143.0W	24.3	39.0	113.4	229.5	0	102
102)	3700.0000-4200.0000	60.0W	143.0W	36.1	16.2	142.9	247.1	0	103
103)	3700.0000-4200.0000	60.0W	143.0W	36.9	15.9	143.5	247.8	0	104
104)	3700.0000-4200.0000	60.0W	143.0W	34.1	18.6	139.0	244.2	0	105
105)	3700.0000-4200.0000	60.0W	143.0W	34.1	18.6	139.0	244.2	0	106
106)	3700.0000-4200.0000	60.0W	143.0W	39.0	26.9	126.5	246.4	0	107
107)	3700.0000-4200.0000	60.0W	143.0W	39.0	26.9	126.5	246.4	0	108
108)	3700.0000-4200.0000	60.0W	143.0W	39.0	26.9	126.5	246.4	0	109
109)	3700.0000-4200.0000	60.0W	143.0W	38.4	21.3	135.0	246.7	0	110
110)	3700.0000-4200.0000	60.0W	143.0W	38.1	12.0	150.2	251.0	0	111
111)	3700.0000-4200.0000	60.0W	143.0W	38.1	12.0	150.2	251.0	0	112
112)	3700.0000-4200.0000	60.0W	143.0W	13.2	41.3	107.8	211.9	0	113
113)	3700.0000-4200.0000	60.0W	143.0W	39.6	26.1	127.6	247.0	0	114
114)	3700.0000-4200.0000	60.0W	143.0W	39.6	26.1	127.6	247.0	0	115
115)	3700.0000-4200.0000	60.0W	143.0W	38.0	11.8	150.5	251.1	0	116



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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		
116)	3700.0000-4200.0000	60.0W	-143.0W	38.0	-11.8	150.5	-251.1	0	117

D) Points of Communications

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

- 1) Culver City to Permitted Space Station List
- 2) Grand Rapids Studio to Permitted Space Station List
- 3) Oklahoma City Studio to Permitted Space Station List
- 4) KRBE Studios to Permitted Space Station List
- 5) 780 Johnson Ferry Rd to Permitted Space Station List
- 6) Tallahassee Studio to Permitted Space Station List
- 7) Indy Studio Building to Permitted Space Station List
- 8) Victory to Permitted Space Station List
- 9) Studios 1301 Gervais to Permitted Space Station List
- 10) Knoxville Studio to Permitted Space Station List
- 11) Columbia, MO Studios to Permitted Space Station List
- 12) Purchase Roof to Permitted Space Station List
- 13) Abita Springs, TX to Permitted Space Station List
- 14) Chattanooga Studios to Permitted Space Station List
- 15) St. Charles Studio to Permitted Space Station List
- 16) Cincinnati Studio to Permitted Space Station List
- 17) Baton Rouge Studio to Permitted Space Station List
- 18) KC Studio to Permitted Space Station List
- 19) Des Moines Studio to Permitted Space Station List
- 20) MSP to Permitted Space Station List
- 21) James St. Studios to Permitted Space Station List
- 22) Shreveport Studios to Permitted Space Station List
- 23) Wilmington Studios to Permitted Space Station List
- 24) CO Springs Studios to Permitted Space Station List
- 25) Ann Arbor Studios to Permitted Space Station List
- 26) Wellington to Permitted Space Station List
- 27) Columbus Studio to Permitted Space Station List
- 28) Mobile Main Studios to Permitted Space Station List
- 29) Saginaw Studio Bldg. 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:

- 30) WJR Transmitter to Permitted Space Station List
- 31) Erie Studios to Permitted Space Station List
- 32) Fayetteville AR to Permitted Space Station List
- 33) SLC Studios to Permitted Space Station List
- 34) Providence Studios to Permitted Space Station List
- 35) Lafayette Studios to Permitted Space Station List
- 36) Boise Studios to Permitted Space Station List
- 37) MKG-Studio to Permitted Space Station List
- 38) WBS Studio to Permitted Space Station List
- 39) Allentown Studio to Permitted Space Station List
- 40) Bloomington Studio to Permitted Space Station List
- 41) Reno Studio to Permitted Space Station List
- 42) Bridgeport Studio to Permitted Space Station List
- 43) Albany Studio to Permitted Space Station List
- 44) Flint Studio Bldg. to Permitted Space Station List
- 45) Fayetteville-Studios to Permitted Space Station List
- 46) Topeka Studio to Permitted Space Station List
- 47) Stockton Studio to Permitted Space Station List
- 48) Toledo Studio to Permitted Space Station List
- 49) Huntsville Studio to Permitted Space Station List
- 50) Lexington Studio to Permitted Space Station List
- 51) Florence Studios to Permitted Space Station List
- 52) Charleston Studios to Permitted Space Station List
- 53) Tri-Cities Studios to Permitted Space Station List
- 54) 750 Battery Street to Permitted Space Station List
- 55) Modesto-Stockton to Permitted Space Station List
- 56) Amarillo Studio to Permitted Space Station List
- 57) Tinley Park to Permitted Space Station List
- 58) WMAS/WHLL to Permitted Space Station List
- 59) Melbourne Studio to Permitted Space Station List
- 60) Wichita Falls Studio to Permitted Space Station List
- 61) Abilene Studio Site to Permitted Space Station List
- 62) Westwood One, Denver to Permitted Space Station List
- 63) Birmingham Studio to Permitted Space Station List
- 64) Myrtle Beach Studios to Permitted Space Station List
- 65) Harrisburg Studio 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:

- 66) Buffalo Studio to Permitted Space Station List
- 67) Oxnard-Ventura to Permitted Space Station List
- 68) Eugene Studio to Permitted Space Station List
- 69) Macon Studio to Permitted Space Station List
- 70) Jenifer Street to Permitted Space Station List
- 71) Tucson Studios to Permitted Space Station List
- 72) WWKI Studio to Permitted Space Station List
- 73) WMDH Studio to Permitted Space Station List
- 74) Peoria Studio to Permitted Space Station List
- 75) Beaumont Studio to Permitted Space Station List
- 76) Memphis Studio to Permitted Space Station List
- 77) Simon Road to Permitted Space Station List
- 78) KNBR to Permitted Space Station List
- 79) Lake Charles Studio to Permitted Space Station List
- 80) Pine Hollow 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)
Culver City	1	1	3	Comtech	CSA3000A	35.1	7.62 AGL/ 42.67 AMSL	
Max Gains(s):		39.0 dBi @ 3.9125 GHz		Maximum total input power at antenna flange (Watts) =		.00		
		Maximum aggregate output EIRP for all carriers (dBW) =				.00		
Victory	10	1	3.8	Comtech	829165-G1	157.6	26.8 AGL/ 184.4 AMSL	
Max Gains(s):		42.5 dBi @ 4.0000 GHz		Maximum total input power at antenna flange (Watts) =		.00		
		Maximum aggregate output EIRP for all carriers (dBW) =				.00		
Macon Studio	100	1	3.7	Patriot	Unknown	150	39 AGL/ 189 AMSL	
Max Gains(s):		42.0 dBi @ 3.9125 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)
Jenifer Street	101	1	3.7	Prodelin	1374-995	105	14.63 AGL/ 119.63 AMSL	
Max Gains(s):		40.9 dBi @ 3.7000 GHz		Maximum total input power at antenna flange (Watts) =		.00		
		Maximum aggregate output EIRP for all carriers (dBW) =				.00		
Tucson Studios	102	1	6	Unknown	Unknown	728	2 AGL/ 730 AMSL	
Max Gains(s):		36.0 dBi @ 3.9150 GHz		Maximum total input power at antenna flange (Watts) =		.00		
		Maximum aggregate output EIRP for all carriers (dBW) =				.00		
WWKI Studio	103	1	3.8	Comtech	534D0015-G1	247.8	7.62 AGL/ 255.42 AMSL	
Max Gains(s):		42.9 dBi @ 4.0000 GHz		Maximum total input power at antenna flange (Watts) =		.00		
		Maximum aggregate output EIRP for all carriers (dBW) =				.00		
WMDH Studio	104	1	3.8	Comtech	934D0015-G1	327.1	2.13 AGL/ 329.23 AMSL	
Max Gains(s):		42.9 dBi @ 3.9150 GHz		Maximum total input power at antenna flange (Watts) =		.00		
		Maximum aggregate output EIRP for all carriers (dBW) =				.00		
Peoria Studi	105	1	3.7	Prodelin	1374	155	12.8 AGL/ 167.8 AMSL	
Max Gains(s):		40.9 dBi @ 3.9500 GHz		Maximum total input power at antenna flange (Watts) =		.00		
		Maximum aggregate output EIRP for all carriers (dBW) =				.00		
Peoria Studi	106	1	3.7	Prodelin	1374	155	12.8 AGL/ 167.8 AMSL	
Max Gains(s):		40.9 dBi @ 3.9500 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)
Beaumont Studio	107	1	3.7	Prodelin	1374	4.9	2 AGL/ 6.9 AMSL	
	Max Gains(s):		42.0 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Beaumont Studio	108	1	3	Sami	10	4.9	2 AGL/ 6.9 AMSL	
	Max Gains(s):		39.0 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Beaumont Studio	109	1	2.4	Sami	8	4.9	2 AGL/ 6.9 AMSL	
	Max Gains(s):		36.0 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Studios 1301 Gervais	11	1	3.7	Prodelin	Series 1375	179.8	64 AGL/ 243.8 AMSL	
	Max Gains(s):		42.0 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Memphis Studio	110	1	3.8	Comtech	1374	94	3 AGL/ 97 AMSL	
	Max Gains(s):		42.9 dBi @	3.9150 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Simon Road	111	1	3.7	DH	37DH448A	347	2.5 AGL/ 349.5 AMSL	
	Max Gains(s):		42.0 dBi @	3.9125 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)
Simon Road	112	1	3.2	Unknown	Unknown - Mesh	347	2.5 AGL/ 349.5 AMSL	
			Max Gains(s): 39.0 dBi @ 3.9125 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
KNBR	113	1	3.8	Comtech	el/az	1	2 AGL/ 3 AMSL	
			Max Gains(s): 42.9 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Lake Charles Studio	114	1	3.7	Patriot	1374	4.9	2 AGL/ 6.9 AMSL	
			Max Gains(s): 42.0 dBi @ 3.9125 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Lake Charles Studio	115	1	3	Sami	10	4.9	2 AGL/ 6.9 AMSL	
			Max Gains(s): 39.0 dBi @ 3.9125 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Pine Hollow	116	1	3.7	DH	37DH448A	314	2.5 AGL/ 316.5 AMSL	
			Max Gains(s): 42.0 dBi @ 3.9125 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Pine Hollow	117	1	3.2	Unknown	Unknown - Mesh	314	2.5 AGL/ 316.5 AMSL	
			Max Gains(s): 39.0 dBi @ 3.9125 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)
Knoxville Studio	12	1	3.8	Comtech	934D0015-G2	283	5 AGL/ 285 AMSL	
	Max Gains(s):		42.9 dBi @	4.0000 GHz				
	Maximum total input power at antenna flange (Watts) =					.00		
	Maximum aggregate output EIRP for all carriers (dBW) =					.00		
Columbia, MO Studios	13	1	3.8	Patriot	Unknown	237.7	3 AGL/ 240.7 AMSL	
	Max Gains(s):		42.0 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =					.00		
	Maximum aggregate output EIRP for all carriers (dBW) =					.00		
Columbia, MO Studios	14	1	3.8	Patriot	Unknown	237.7	3 AGL/ 240.7 AMSL	
	Max Gains(s):		42.0 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =					.00		
	Maximum aggregate output EIRP for all carriers (dBW) =					.00		
Purchase Roo	15	1	3.7	Prodelin	1374	96	20 AGL/ 116 AMSL	
	Max Gains(s):		42.0 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =					.00		
	Maximum aggregate output EIRP for all carriers (dBW) =					.00		
Purchase Roo	16	1	3.7	Prodelin	1374	96	20 AGL/ 116 AMSL	
	Max Gains(s):		42.0 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =					.00		
	Maximum aggregate output EIRP for all carriers (dBW) =					.00		
Purchase Roo	17	1	3.7	Prodelin	1374	96	20 AGL/ 116 AMSL	
	Max Gains(s):		42.0 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =					.00		
	Maximum aggregate output EIRP for all carriers (dBW) =					.00		



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Non Common Carrier

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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)
Abita Springs, TX	18	1	2.8	S.A.	9000	56	3 AGL/ 57 AMSL	
	Max Gains(s):		36.0 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Chattanooga Studios	19	1	3.8	AFC	N/A	201.17	3 AGL/ 203.2 AMSL	
	Max Gains(s):		42.0 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Grand Rapids Studio	2	1	3.8	Comtech	934D0015-G2	222	28 AGL/ 250 AMSL	
	Max Gains(s):		42.0 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
St. Charles Studio	20	1	3.7	Aodelin	Unknown	200	199 AGL/ 399 AMSL	
	Max Gains(s):		42.0 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Cincinnati Studio	21	1	3.7	Prodelin	1374	191.4	22 AGL/ 213.4 AMSL	
	Max Gains(s):		40.9 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Baton Rouge Studio	22	1	3.7	GD Satcom	1374-990	0	14.3 AGL/ 18 AMSL	
	Max Gains(s):		40.9 dBi @	3.9150 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)
KC Studio	23	1	3.7	Patriot	1374-1375	314	27 AGL/ 341 AMSL	
			Max Gains(s): 40.9 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
KC Studio	24	1	3.7	Patriot	1374-1375	314	27 AGL/ 341 AMSL	
			Max Gains(s): 40.9 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Des Moines Studio	25	1	3.8	Comtech	945-7395-15	298	3 AGL/ 298 AMSL	
			Max Gains(s): 42.0 dBi @ 3.9125 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
MSP	26	1	3.7	Comtech	934D0015-G1	261	9.5 AGL/ 270.5 AMSL	
			Max Gains(s): 42.9 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
MSP	27	1	3.7	Comtech	934D0015-G1	261	9.5 AGL/ 270.5 AMSL	
			Max Gains(s): 42.9 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
James St. Studios	28	1	3	Prodelin	Unknown	178	6 AGL/ 184 AMSL	
			Max Gains(s): 40.5 dBi @ 3.9125 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)
Shreveport Studios	29	1	3	General Dynamics	3.4 Meter Series 134	58	4 AGL/ 62 AMSL	
	Max Gains(s):		40.2 dBi @	3.9019 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Oklahoma Cit Studio	3	1	3.8	Comtech	Comtech 3.8	410	32 AGL/ 442 AMSL	
	Max Gains(s):		42.9 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Shreveport Studios	30	1	3	General Dynamics	3.4 Meter Series 134	58	4 AGL/ 62 AMSL	
	Max Gains(s):		40.2 dBi @	3.9019 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Wilmington Studios	31	1	3.8	Comtech	Unknown	9	2 AGL/ 11 AMSL	
	Max Gains(s):		42.9 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Wilmington Studios	32	1	1.2	Unknown	Unknown	9	1.5 AGL/ 10.5 AMSL	
	Max Gains(s):		42.9 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
CO Springs Studios	33	1	3.8	Comtech	934D0015-G2	1921	3 AGL/ 1923 AMSL	
	Max Gains(s):		42.9 dBi @	3.9150 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)
Ann Arbor Studios	34	1	3.8	Comtech	3.8 Meter EL/AZ	255.8	2.1 AGL/ 257.9 AMSL	
	Max Gains(s):		42.9 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Wellington	35	1	3.7	Unknown	Unknown	160.6	5 AGL/ 165.6 AMSL	
	Max Gains(s):		42.0 dBi @	3.9700 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Wellington	36	1	3.7	Comtech	Unknown	160.6	3 AGL/ 163.6 AMSL	
	Max Gains(s):		42.0 dBi @	3.9150 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Columbus Studio	37	1	3.7	Viking Satcom	P370FAE	88	21 AGL/ 109 AMSL	
	Max Gains(s):		40.9 dBi @	3.9150 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Mobile Main Studios	38	1	3.7	Viking	P1374-990	47	6 AGL/ 53 AMSL	
	Max Gains(s):		40.9 dBi @	3.9150 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Saginaw Studio Bldg.	39	1	3.7	Prodelin	4096-272	187.5	2.3 AGL/ 189.8 AMSL	
	Max Gains(s):		42.0 dBi @	3.9125 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)
KRBE Studios	4	1	3.7	Prodelin	1374	72	49 AGL/ 121 AMSL	
			Max Gains(s): 42.9 dBi @ 3.9125 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
WJR Transmitter	40	1	3.7	Prodelin	#1374-995	178	2 AGL/ 180 AMSL	
			Max Gains(s): 42.0 dBi @ 3.9125 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Erie Studios	41	1	3.8	Comtech	847303-g1	390	3 AGL/ 393 AMSL	
			Max Gains(s): 42.9 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Erie Studios	42	1	3.8	Comtech	84733-g2	390	3 AGL/ 393 AMSL	
			Max Gains(s): 42.9 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Fayetteville AR	43	1	3.8	Comtech	829066g2rc	390	2.5 AGL/ 392.5 AMSL	
			Max Gains(s): 42.9 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
SLC Studios	44	1	3.8	Comtech	934D0015-G2	1298	3 AGL/ 1301 AMSL	
			Max Gains(s): 42.9 dBi @ 3.9150 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)
SLC Studios	45	1	3.8	Comtech	934D0015-G1	1298	4 AGL/ 1302 AMSL	
			Max Gains(s): 42.9 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Providence Studios	46	1	4.5	Andrew	ESA 45-4	5.5	4 AGL/ 9.5 AMSL	
			Max Gains(s): 44.2 dBi @ 4.0000 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Providence Studios	47	1	2.8	Scientific Atlanta	9000	5.5	2.5 AGL/ 8 AMSL	
			Max Gains(s): 36.0 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Lafayette Studios	48	1	4.6	Scientific Atlanta	8346	7	2 AGL/ 9 AMSL	
			Max Gains(s): 43.6 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Boise Studio	49	1	3.8	Comtech	28/3.8	821.4	7.6 AGL/ 829 AMSL	
			Max Gains(s): 42.9 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
780 Johnson Ferry Rd	5	1	3.8	Prodelin	1374	363.7	45.7 AGL/ 409.4 AMSL	
			Max Gains(s): 42.0 dBi @ 3.9125 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)
Boise Studio	50	1	3	Prodelin	1304	821.4	7.6 AGL/ 829 AMSL	
			Max Gains(s): 39.0 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
MKG-Studio	51	1	3.8	Comtech	Unknown	175	0 AGL/ 175 AMSL	
			Max Gains(s): 42.9 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
MKG-Studio	52	1	3.8	Comtech	Unknown	175	10 AGL/ 185 AMSL	
			Max Gains(s): 42.9 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
WBS Studio	53	1	3	Comtech	Unknown	334	6 AGL/ 340 AMSL	
			Max Gains(s): 39.0 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Allentown Studio	54	1	3.7	Comtech	3.7	113	5 AGL/ 118 AMSL	
			Max Gains(s): 42.9 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Bloomington Studio	55	1	3.8	Comtech	829165-g1	259	1.53 AGL/ 260.5 AMSL	
			Max Gains(s): 42.9 dBi @ 3.9150 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)
Reno Studio	56	1	3.8	Comtech	Unknown	1350.9	3 AGL/ 1353.9 AMSL	
			Max Gains(s): 42.0 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Bridgeport Studio	57	1	3	Comtech	Unknown	0	22 AGL/ 36 AMSL	
			Max Gains(s): 39.0 dBi @ 3.9125 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Albany Studi	58	1	3.7	Prodelin	1374	69	7 AGL/ 76 AMSL	
			Max Gains(s): 42.0 dBi @ 3.9125 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Flint Studio Bldg.	59	1	3.7	DH	DH37FAE	263.9	1.93 AGL/ 265.8 AMSL	
			Max Gains(s): 42.0 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Tallahassee Studio	6	1	3.8	Comtech	3.8m	31	5 AGL/ 36 AMSL	
			Max Gains(s): 42.9 dBi @ 3.9125 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Fayetteville	60	1	3.7	Prodelin	1374	73.45	2 AGL/ 75.45 AMSL	
			Max Gains(s): 42.0 dBi @ 3.9150 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)
Topeka Studi	61	1	3.8	Comtech	Unknown	288	23 AGL/ 311 AMSL	
			Max Gains(s): 41.5 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Topeka Studi	62	1	3.8	Comtech	Unknown	288	23 AGL/ 311 AMSL	
			Max Gains(s): 41.5 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Stockton Studio	63	1	3.8	Unknown	Unknown	298	2 AGL/ 298 AMSL	
			Max Gains(s): 41.5 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Toledo Studi	64	1	3.8	Comtech	3.8M	187	2 AGL/ 189 AMSL	
			Max Gains(s): 42.9 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Toledo Studi	65	1	3.8	Comtech	3.8M	187	1.5 AGL/ 188.5 AMSL	
			Max Gains(s): 42.9 dBi @ 3.9150 GHz					
			Maximum total input power at antenna flange (Watts) =		.00			
			Maximum aggregate output EIRP for all carriers (dBW) =		.00			
Huntsville Studio	66	1	3.7	Prodelin	Rx Series 1374	213	2.5 AGL/ 215.5 AMSL	
			Max Gains(s): 40.9 dBi @ 3.9125 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)
Huntsville Studio	67	1	3.4	Prodelin	Rx Series 1344	213	2.5 AGL/ 215.5 AMSL	
	Max Gains(s):		40.2 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Lexington Studio	68	1	3.7	Prodelin	1374	286	8.5 AGL/ 294.5 AMSL	
	Max Gains(s):		40.9 dBi @	3.9150 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Florence Studios	69	1	3.8	AFC	Unknown	54.8	1 AGL/ 55.8 AMSL	
	Max Gains(s):		42.0 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Tallahassee Studio	7	1	3.8	Comtech	3.8m	31	5 AGL/ 36 AMSL	
	Max Gains(s):		42.9 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Charleston Studios	70	1	3.8	Comtech	932d0015-g2	1	6.1 AGL/ 7.1 AMSL	
	Max Gains(s):		42.9 dBi @	3.9150 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Charleston Studios	71	1	3.8	Comtech	934d0015-g2	1	6.1 AGL/ 7.1 AMSL	
	Max Gains(s):		42.9 dBi @	3.9150 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			



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Non Common Carrier

Grant date: 09/02/2020

Expiration Date: 09/10/2033

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)
Charleston Studios	72	1	3.8	Comtech	934d0015-g2	1	6.1 AGL/ 7.1 AMSL	
	Max Gains(s):		42.9 dBi @	3.9150 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Tri-Cities Studios	73	1	3.8	Comtech	COM-38M	496.91	2 AGL/ 498.2 AMSL	
	Max Gains(s):		42.9 dBi @	3.9150 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Tri-Cities Studios	74	1	3.8	Comtech	COM-38M	496.91	2 AGL/ 498.2 AMSL	
	Max Gains(s):		42.9 dBi @	3.9150 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
750 Battery Street	75	1	3.7	Viking Satcom	P370FAE	4.9	21 AGL/ 25.9 AMSL	
	Max Gains(s):		40.9 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Modesto-Stoc	76	1	3.7	Prodelin	1374	11	7 AGL/ 18 AMSL	
	Max Gains(s):		42.0 dBi @	3.9150 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Amarillo Studio	77	1	3	Fanon/Courier	flna	1130	29 AGL/ 1159 AMSL	
	Max Gains(s):		39.0 dBi @	3.9150 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)
Amarillo Studio	78	1	3	Norsat	3000F-G	1130	29 AGL/ 1159 AMSL	
	Max Gains(s):		39.0 dBi @	3.9150 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Tinley Park	79	1	4.5	Andrew	10296-ds-cku-4.5227		3 AGL/ 230 AMSL	
	Max Gains(s):		43.2 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Tallahassee Studio	8	1	3.8	Comtech	3.8m	31	5 AGL/ 36 AMSL	
	Max Gains(s):		42.9 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
WMAS/WHLL	80	1	3.7	SEG	8529	117	1 AGL/ 118 AMSL	
	Max Gains(s):		42.0 dBi @	3.7000 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
WMAS/WHLL	81	1	2.7	Channel Master	11	117	1 AGL/ 118 AMSL	
	Max Gains(s):		41.6 dBi @	3.7000 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Melbourne Studio	82	1	3.7	Prodelin	3.7M	7	14 AGL/ 21 AMSL	
	Max Gains(s):		42.0 dBi @	3.9150 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)
Wichita Fall Studio	83	1	3	Comtech	Unknown	313	3 AGL/ 316 AMSL	
Max Gains(s):		37.0 dBi @ 3.9125 GHz						
Maximum total input power at antenna flange (Watts) =					.00			
Maximum aggregate output EIRP for all carriers (dBW) =					.00			
Wichita Fall Studio	84	1	3	Comtech	Unknown	313	3 AGL/ 316 AMSL	
Max Gains(s):		37.0 dBi @ 3.9125 GHz						
Maximum total input power at antenna flange (Watts) =					.00			
Maximum aggregate output EIRP for all carriers (dBW) =					.00			
Abilene Studio Site	85	1	3	Comtech	Unknown	538	4 AGL/ 542 AMSL	
Max Gains(s):		39.0 dBi @ 3.9150 GHz						
Maximum total input power at antenna flange (Watts) =					.00			
Maximum aggregate output EIRP for all carriers (dBW) =					.00			
Abilene Studio Site	86	1	3	Comtech	Unknown	538	4 AGL/ 542 AMSL	
Max Gains(s):		39.0 dBi @ 3.9150 GHz						
Maximum total input power at antenna flange (Watts) =					.00			
Maximum aggregate output EIRP for all carriers (dBW) =					.00			
Abilene Studio Site	87	1	3	Comtech	Unknown	538	3 AGL/ 541 AMSL	
Max Gains(s):		39.0 dBi @ 3.9150 GHz						
Maximum total input power at antenna flange (Watts) =					.00			
Maximum aggregate output EIRP for all carriers (dBW) =					.00			
Abilene Studio Site	88	1	3	Comtech	Unknown	538	3 AGL/ 541 AMSL	
Max Gains(s):		39.0 dBi @ 3.9150 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)
Westwood One Denver	89	1	3	Prodelin	1304-990	1770	3 AGL/ 1773 AMSL	
Max Gains(s):		39.0 dBi @		3.9125 GHz				
Maximum total input power at antenna flange (Watts) =					.00			
Maximum aggregate output EIRP for all carriers (dBW) =					.00			
Indy Studio Building	9	1	3.8	Comtech	934D0015-02	76.7	4.6 AGL/ 81.3 AMSL	
Max Gains(s):		42.9 dBi @		3.9125 GHz				
Maximum total input power at antenna flange (Watts) =					.00			
Maximum aggregate output EIRP for all carriers (dBW) =					.00			
Westwood One Denver	90	1	3.7	Prodelin	1374-990	1770	4 AGL/ 1774 AMSL	
Max Gains(s):		42.0 dBi @		3.9125 GHz				
Maximum total input power at antenna flange (Watts) =					.00			
Maximum aggregate output EIRP for all carriers (dBW) =					.00			
Westwood One Denver	91	1	3.7	Prodelin	1374-990	1770	4 AGL/ 1774 AMSL	
Max Gains(s):		42.0 dBi @		3.9125 GHz				
Maximum total input power at antenna flange (Watts) =					.00			
Maximum aggregate output EIRP for all carriers (dBW) =					.00			
Birmingham Studio	92	1	3.8	Comtech	3.8	287	2.7 AGL/ 289.7 AMSL	
Max Gains(s):		42.9 dBi @		3.9150 GHz				
Maximum total input power at antenna flange (Watts) =					.00			
Maximum aggregate output EIRP for all carriers (dBW) =					.00			
Birmingham Studio	93	1	3.8	Comtech	3.8	287	2.7 AGL/ 289.7 AMSL	
Max Gains(s):		42.9 dBi @		3.9150 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)
Myrtle Beach Studios	94	1	3.8	Comtech	Unknown	6	1 AGL/ 7 AMSL	
	Max Gains(s):		42.9 dBi @	3.9150 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Harrisburg Studio	95	1	3.8	DH	3.8M	160	10 AGL/ 170 AMSL	
	Max Gains(s):		42.5 dBi @	3.9150 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Buffalo Studio	96	1	3.8	Comtech	3.8M	185	3 AGL/ 188 AMSL	
	Max Gains(s):		42.9 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Oxnard-Ventu	97	1	3	Patriot	Unknown	32	10 AGL/ 42 AMSL	
	Max Gains(s):		39.0 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Eugene Studi	98	1	3.7	Prodelin	1374	125.2	33 AGL/ 158.2 AMSL	
	Max Gains(s):		42.0 dBi @	3.9150 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			
Macon Studio	99	1	3.7	Comtech	Unknown	150	39 AGL/ 189 AMSL	
	Max Gains(s):		42.0 dBi @	3.9125 GHz				
	Maximum total input power at antenna flange (Watts) =				.00			
	Maximum aggregate output EIRP for all carriers (dBW) =				.00			



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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.
 - 5 --- Licensee must notify the Commission when this earth station is no longer operational or when it has not been used to provide any service during any 6-month operation.
 - 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)
- 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.



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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:

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.