



UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
RADIO STATION REGISTRATION

Name: Cumulus Licensing LLC

Authorization Type: Registration

Non Common Carrier

Call Sign: E190464

File Number: SES-REG-20180913-04157

Grant date: 08/19/2019

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



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7)	Amarillo Studio	301 S Polk Amarillo, Potter, TX 79101 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	35°12'38.1"N	101°50'10.6"W	1130	83
8)	Ann Arbor Studios	1100 Victors Way Suite 100 Ann Arbor, Washtenaw, MI 48108 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	42°14'20.1"N	83°44'15.0"W	255.8	83
9)	Baton Rouge Studio	631 Main Street Baton Rouge, East Baton Rouge Paris, LA 70801 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	30°27'7.0"N	91°11'3.0"W	0	83
10)	Beaumont Studio	755 South 11th Street Suite 102 Beaumont, Jefferson, TX 77701 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	30°4'14.3"N	94°7'42.1"W	4.9	83
11)	Birmingham Studio	244 Goodwin Crest Drive Birmingham, Jefferson, AL 25209 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	33°28'20.0"N	86°49'59.0"W	287	83
12)	Blacksburg Studio	7080 Lee Highway Radford, Montgomery, VA 24141 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	37°8'44.9"N	80°36'1.1"W	615.1	83
13)	Bloomington Studio	236 Greenwood Avenue Bloomington, McLean, IL 61704 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	40°27'1.1"N	89°0'42.3"W	259	83



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14)	Boise Studios	1419 W Bannock Street Boise, Ada, ID 83702 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	43°37'16.0"N	116°12'36.0"W	821.4	83
15)	Bridgeport Studio	350 Fairfield Avenue Bridgeport, Fairfield, CT 06604 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	41°10'43.0"N	73°11'39.1"W	0	83
16)	Buffalo Studio	50 James E. Casey Drive Buffalo, Erie, NY 14206 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	42°52'45.7"N	78°48'22.7"W	185	83
17)	CO Springs Studios	6805 Corporate Drive Suite 130 Colorado Springs, El Paso, CO Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	38°55'49.0"N	104°48'50.0"W	1921	83
18)	Charleston Studios	4230 Faber Place Drive Suite 100 North Charleston, Charleston, SC Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	32°50'33.5"N	80°1'26.8"W	1	83
19)	Chattanooga Studios	821 Pineville Road Chattanooga, Hamilton, TN 37405 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	35°4'3.0"N	85°19'53.0"W	201.17	83
20)	Cincinnati Studio	4805 Montgomery Road Cincinnati, Hamilton, OH 45212 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	39°9'59.0"N	84°27'20.0"W	191.4	83



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21)	Columbia, MO Studios	503 Old 63 North Columbia, Boone, MO 65201 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	38°57'26.0"N	92°18'45.0"W	237.7	83
22)	Columbus Studio	105 5th Street North Suite 400 Columbus, Lowndes, MS 39701 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	33°29'43.1"N	88°25'42.4"W	88	83
23)	Culver City	8935 Lindblade Street Culver City, Los Angeles, CA 90232 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	34°1'36.0"N	118°23'27.0"W	35.1	83
24)	Des Moines Studio	4143 109th Street Urbandale, Polk, IA 50322 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	41°38'10.8"N	93°46'0.3"W	298	83
25)	Erie Studios	471 Robison Road, NW Erie, Erie, PA 16509 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	42°3'23.0"N	80°2'24.0"W	390	83
26)	Eugene Studio	1200 Executive Pkwy Suite 400 Eugene, Lane, OR 97401 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	44°4'10.8"N	123°6'31.8"W	125.2	83
27)	Fayetteville AR	4225 Frontage Road Fayetteville, Washington, AR 72703 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	36°7'40.7"N	94°8'38.2"W	390	83



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28)	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					
29)	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					
30)	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					
31)	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					
32)	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					
33)	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					
34)	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					



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35)	James St. Studios	1064 James Street Syracuse, Onondaga, NY 13203 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	43°3'35.6"N	76°7'52.9"W	178	83
36)	Jenifer Street	4400 Jenifer Street Washington, N/A, DC 20015 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	38°57'30.0"N	77°5'11.0"W	105	83
37)	KC Studio	5800 Foxridge Drive Suite 600 Mission, Johnson, KS 66202 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	39°1'25.0"N	94°40'2.0"W	314	83
38)	KNBR	1410 Radio Road Redwood City, San Mateo, CA 94065 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	37°32'49.7"N	122°14'3.8"W	1	83
39)	KRBE Studios	9801 Westheimer Suite 700 Houston, Harris, TX 77042 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	29°44'12.9"N	95°32'30.6"W	72	83
40)	Knoxville Studio	4711 Old Kingston Pike Knoxville, Knox, TN 37919 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	35°56'25.0"N	83°58'56.0"W	283	83
41)	Lafayette Studios	202 Galbert Lafayette, Lafayette Parish, LA 70506 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	30°13'35.0"N	92°4'31.0"W	7	83



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42)	Lake Charles Studio	425 Broad Street Lake Charles, Calcasieu Parish, LA 70601 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	30°13'45.9"N	93°12'53.6"W	4.9	83
43)	Lexington Studio	300 West Vine Street Suite 300 Lexington, Fayette, KY 40507 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	38°2'51.6"N	84°30'3.1"W	286	83
44)	MKG-Studio	3375 Merriam Street Muskegon, Muskegon, MI 49444 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	43°11'27.7"N	86°14'16.5"W	175	83
45)	MSP	2000 Elm Street, S.E. Minneapolis, Hennepin, MN 55414 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	44°59'0.9"N	93°13'25.4"W	261	83
46)	Macon Studio	544 Mulberry Street Macon, Bibb, GA 31201 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	32°50'13.0"N	83°37'38.0"W	150	83
47)	Melbourne Studio	1800 West Hibiscus Blvd. Melbourne, Brevard, FL 32901 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	28°5'12.0"N	80°39'11.0"W	7	83
48)	Memphis Studio	5629 Murray Road Memphis, Shelby, TN 38119 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	35°6'5.3"N	89°52'29.3"W	94	83



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49)	Mobile Main Studios	2800 Dauphin Suite 104 Mobile, Mobile, AL 36606 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	30°41'24.2"N	88°6'26.8"W	47	83
50)	Modesto-Stockton	3127 Transworld Drive Stockton, San Joaquin, CA 95206 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	37°54'32.0"N	121°13'35.0"W	11	83
51)	Myrtle Beach Studios	11640 Hwy 17 Bypass Murrells Inlet, Georgetown, SC 29576 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	33°35'41.0"N	79°1'32.0"W	6	83
52)	Oklahoma City Studio	4045 NW 64th Street Oklahoma City, Oklahoma, OK 73116 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	35°32'25.0"N	97°35'46.0"W	410	83
53)	Oxnard-Ventura	1376 Walter Street Ventura, Ventura, CA 93001 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	34°15'36.1"N	119°14'16.2"W	32	83
54)	Peoria Studio	120 Eaton Street Peoria, Peoria, IL 61603 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	40°41'34.0"N	89°35'2.0"W	155	83
55)	Pine Hollow	2030 Pine Hollow Blvd. Hermitage, Mercer, PA 16148 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	41°13'11.2"N	80°28'19.0"W	314	83



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56)	Providence Studios	1502 Wampanoag Trail East Providence, Providence, RI 02915 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	41°46'22.3"N	71°19'30.9"W	5.5	83
57)	Purchase Roof	100 Manhattanville Road Purchase, Westchester, NY 10577 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	41°1'36.0"N	73°42'57.0"W	96	83
58)	Reno Studio	595 E. Plumb Lane Reno, Washoe, NV 89502 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	39°30'22.0"N	119°47'41.5"W	1350.9	83
59)	SLC Studios	434 Bearcat Drive Salt Lake City, Salt Lake, UT 84115 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	40°43'14.0"N	111°54'9.0"W	1298	83
60)	Saginaw Studio Bldg.	1740 Champagne Drive North Saginaw, Saginaw, MI 48604 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	43°29'5.0"N	83°57'8.2"W	187.5	83
61)	Shreveport Studios	270 Plaza Loop Bossier City, Caddo Parish, LA 71111 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	32°31'7.0"N	93°44'20.0"W	58	83
62)	Simon Road	4040 Simon Road Youngstown, Mahoning, OH 44512 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	41°3'27.1"N	80°38'18.4"W	347	83



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63)	St. Charles Studio	201 Saint Charles Avenue New Orleans, Orleans Parrish, LA 70170 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	29°57'7.7"N	90°4'13.3"W	200	83	
64)	Stockton Studio	1225 MO-39 Stockton, Cedar, MO 65785 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	37°41'14.2"N	93°48'1.0"W	298	83	
65)	Studios 1301 Gervais	1301 Gervais Street Suite 700 Columbia, Richland, SC 29201 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	34°0'8.0"N	81°1'54.0"W	179.8	83	
66)	Tallahassee Studio	3411 W Tharpe Street Tallahassee, Leon, FL 32303 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	30°27'46.0"N	84°21'29.0"W	31	83	
67)	Tinley Park	18301 White Eagle Drive Tinley Park, Cook, IL 60487 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	41°33'25.8"N	87°51'1.4"W	227	83	
68)	Toledo Studio	3225 Arlington Road Toledo, Lucas, OH 43614 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	41°37'0.6"N	83°37'17.1"W	187	83	
69)	Topeka Studio	825 Kansas Avenue Topeka, Shawnee, KS 66612 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	39°2'52.8"N	95°40'32.0"W	288	83	



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70)	Tri-Cities Studios	162 Free Hill Road Gray, Washington, TN 37615 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	36°24'37.0"N	82°27'15.0"W	496.91	83	
71)	Tucson Studios	757 W Roger Road Tucson, Pima, AZ 85705 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	32°16'37.0"N	110°58'53.0"W	728	83	
72)	Victory	3090 Olive Street Suite 400 Dallas, Dallas, TX 75219 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	32°47'21.0"N	96°48'36.0"W	157.6	83	
73)	WBS Studio	600 Baltimore Drive Wilkes Barre, Luzerne, PA 18702 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	41°15'9.8"N	75°48'22.3"W	334	83	
74)	WJR Transmitter	15725 Sibley Road Riverview, Wayne, MI 48193 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	42°10'8.9"N	83°12'46.7"W	178	83	
75)	WMAS/WHLL	101 West Street Springfield, Hampden, MA 01104 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	42°6'33.3"N	72°36'36.3"W	117	83	
76)	WMDH Studio	1134 State Road 38 West New Castle, Henry, IN 47362 Licensee certifies antenna(s) comply with gain patterns specified in Section 25.209	39°55'59.0"N	85°24'28.0"W	327.1	83	



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77)	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					
78)	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					
79)	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					
80)	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					
81)	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 registrant is registered to 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 commencement of operation is 00/00/0000. Registrant must file with the Commission a certification upon 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	106.1 TX		digital signals audio and video
2)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	201 Roof		digital signals audio and video
3)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	AA-Main		digital signals audio and video
4)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	AMC-1		digital signals audio and video
5)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	AMC-18		digital signals audio and video
6)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	AMC-18		digital signals audio and video
7)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	ANT1		digital signals audio and video
8)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	ANT2		digital signals audio and video
9)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	ANT3		digital signals audio and video
10)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	ASMC-18		digital signals audio and video
11)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Andrew		digital signals audio and video
12)	42.9000-4.0000	H, V	36M0G7W	Rx	0.00	0.00	Back-up		digital signals audio and video
13)	3700.2000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Backup		digital signals audio and video
14)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Backup		digital signals audio and video
15)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Backup		digital signals audio and video
16)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Backup		digital signals audio and video
17)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Backup		digital signals audio and video
18)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Backup		digital signals audio and video



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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
19)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Backup		digital audio and video signals
20)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Backup		digital audio and video signals
21)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Backup		digital audio and video signals
22)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Battery		digital audio and video signals
23)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	C-Band		digital audio and video signals
24)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	CBAND 1		digital audio and video signals
25)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	CNORTH		digital audio and video signals
26)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Cband		digital audio and video signals
27)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Chatt		digital audio and video signals
28)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Cincysat		digital audio and video signals
29)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Comtech		digital audio and video signals
30)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Comtech		digital audio and video signals
31)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Comtech		digital audio and video signals
32)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Comtech1		digital audio and video signals
33)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Comtech1		digital audio and video signals
34)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Comtech2		digital audio and video signals
35)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Dish #1		digital audio and video signals
36)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Dish #1		digital audio and video signals



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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	Dish #2		digital audio and video signals
38)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Dish #2		digital audio and video signals
39)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Dish #3		digital audio and video signals
40)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Dish #4		digital audio and video signals
41)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Dish 1		digital audio and video signals
42)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Dish1		digital audio and video signals
43)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	East		digital audio and video signals
44)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	EastDish		digital audio and video signals
45)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Eugene		digital audio and video signals
46)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	FMStudio		digital audio and video signals
47)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	GE-4		digital audio and video signals
48)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	GRR Roof		digital audio and video signals
49)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Galaxy16		digital audio and video signals
50)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	IndyDish		digital audio and video signals
51)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Jenifer		digital audio and video signals
52)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	KIStudio		digital audio and video signals
53)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	KRBE Sat		digital audio and video signals
54)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	LA Dish		digital audio and video signals



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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	MKG-GND		digital audio and video signals
56)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	MKG-Roof		digital audio and video signals
57)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Main		digital audio and video signals
58)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Main		digital audio and video signals
59)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Main		digital audio and video signals
60)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Main		digital audio and video signals
61)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Main		digital audio and video signals
62)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Main		digital audio and video signals
63)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Main		digital audio and video signals
64)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Main		digital audio and video signals
65)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Main		digital audio and video signals
66)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Main 3.8		digital audio and video signals
67)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Main DH		digital audio and video signals
68)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	MainDish		digital audio and video signals
69)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Maindish		digital audio and video signals
70)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	NC EMNet		digital audio and video signals
71)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	NW Dish		digital audio and video signals
72)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	N_RX Dish		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	North		digital audio and video signals
74)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Patriot2		digital audio and video signals
75)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Patroit1		digital audio and video signals
76)	3700.2000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Primary		digital audio and video signals
77)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Primary		digital audio and video signals
78)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	SE Dish		digital audio and video signals
79)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	SES-11		digital audio and video signals
80)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	SES-11		digital audio and video signals
81)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	SES-11-A		digital audio and video signals
82)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	SES-11-B		digital audio and video signals
83)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	SES-11_1		digital audio and video signals
84)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	SES-11_2		digital audio and video signals
85)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	SES-2		digital audio and video signals
86)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Sat 01		digital audio and video signals
87)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Sat Dish		digital audio and video signals
88)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Sat Dish		digital audio and video signals
89)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Sat Dish		digital audio and video signals
90)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	SecDish		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	Sharon1		digital audio and video signals
92)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Sharon2		digital audio and video signals
93)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Simon1		digital audio and video signals
94)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Simon2		digital audio and video signals
95)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	South		digital audio and video signals
96)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Standby		digital audio and video signals
97)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Studio		digital audio and video signals
98)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Studio		digital audio and video signals
99)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Studio		digital audio and video signals
100)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Studio		digital audio and video signals
101)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Studio		digital audio and video signals
102)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Studio		digital audio and video signals
103)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Studio		digital audio and video signals
104)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Studio		digital audio and video signals
105)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Studio		digital audio and video signals
106)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Studios		digital audio and video signals
107)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	TOL-CSNR		digital audio and video signals
108)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	TOL-XDS		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	TSN		digital audio and video signals
110)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	WIVK1		digital audio and video signals
111)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	WJR Dish		digital audio and video signals
112)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	WW1-Prem		digital audio and video signals
113)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	WW1XDS		digital audio and video signals
114)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	WWO/PRN		digital audio and video signals
115)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	Wegener		digital audio and video signals
116)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	West		digital audio and video signals
117)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	WestDish		digital audio and video signals
118)	3700.0000-4200.0000	H, V	36M0G7W	Rx	0.00	0.00	XDS Dish		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	LA Dish
2)	3700.0000-4200.0000	60.0W	143.0W	34.1	14.9	144.8	246.4	0	GRR Roof
3)	3700.0000-4200.0000	60.0W	143.0W	32.9	27.1	127.1	240.2	0	Comtech
4)	3700.0000-4200.0000	60.0W	143.0W	38.1	28.3	124.7	245.5	0	KRBE Sat
5)	3700.0000-4200.0000	60.0W	143.0W	42.8	17.3	140.9	251.2	0	Main
6)	3700.0000-4200.0000	60.0W	143.0W	45.7	18.4	138.2	252.8	0	SES-11_1
7)	3700.0000-4200.0000	60.0W	143.0W	45.7	18.4	138.2	252.8	0	SES-11_2
8)	3700.0000-4200.0000	60.0W	143.0W	45.7	18.4	138.2	252.8	0	AMC-1



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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		
9)	3700.0000-4200.0000	60.0W	143.0W	45.6	37.1	313.6	299.1	0	IndyDish
10)	3700.0000-4200.0000	60.0W	143.0W	35.2	27.9	125.9	242.6	0	Comtech1
11)	3700.0000-4200.0000	60.0W	143.0W	44.5	14.6	145.5	253.4	0	C-Band
12)	3700.0000-4200.0000	60.0W	143.0W	41.2	16.3	142.9	250.6	0	WIVK1
13)	3700.0000-4200.0000	60.0W	143.0W	33.9	21.4	134.8	242.8	0	WestDish
14)	3700.0000-4200.0000	60.0W	143.0W	33.9	21.4	134.8	242.8	0	EastDish
15)	3700.0000-4200.0000	60.0W	143.0W	40.5	06.8	159.6	256.1	0	ANT1
16)	3700.0000-4200.0000	60.0W	143.0W	40.5	06.8	159.6	256.1	0	ANT2
17)	3700.0000-4200.0000	60.0W	143.0W	40.5	06.8	159.6	256.1	0	ANT3
18)	3700.0000-4200.0000	60.0W	143.0W	41.8	23.3	131.3	249.1	0	106.1 TX
19)	3700.0000-4200.0000	60.0W	143.0W	41.2	17.7	140.5	250.0	0	Chatt
20)	3700.0000-4200.0000	60.0W	143.0W	42.1	23.5	130.8	249.3	0	201 Roof
21)	3700.0000-4200.0000	60.0W	143.0W	38.1	15.5	144.2	248.9	0	Cincysat
22)	3700.0000-4200.0000	60.0W	143.0W	41.0	24.3	129.9	248.3	0	Studio
23)	3700.0000-4200.0000	60.0W	143.0W	32.4	23.1	132.3	240.7	0	Patroit1
24)	3700.0000-4200.0000	60.0W	143.0W	32.4	23.1	132.3	240.7	0	Patriot2
25)	3700.0000-4200.0000	60.0W	143.0W	31.0	21.1	134.8	240.2	0	Comtech
26)	3700.0000-4200.0000	60.0W	143.0W	45.1	30.9	324.0	295.7	0	Main
27)	3700.0000-4200.0000	60.0W	143.0W	45.1	30.9	324.0	295.7	0	Back-up
28)	3700.0000-4200.0000	60.0W	143.0W	38.4	41.2	305.2	310.3	0	WWIXDS
29)	3700.0000-4200.0000	60.0W	143.0W	37.7	25.5	128.8	245.2	0	WVO/PRN
30)	3700.0000-4200.0000	60.0W	143.0W	37.7	25.5	128.8	245.2	0	Wegener
31)	3700.0000-4200.0000	60.0W	143.0W	43.5	42.5	305.2	303.5	0	CNORTH
32)	3700.0000-4200.0000	60.0W	143.0W	45.9	11.9	150.1	255.4	0	WWI-Prem
33)	3700.0000-4200.0000	60.0W	143.0W	45.9	11.9	150.1	255.4	0	NC EMNet
34)	3700.0000-4200.0000	60.0W	143.0W	25.7	30.2	122.3	231.4	0	ASMC-18
35)	3700.0000-4200.0000	60.0W	143.0W	35.6	13.8	146.8	248.2	0	AA-Main
36)	3700.0000-4200.0000	60.0W	143.0W	37.0	23.5	131.9	244.9	0	SES-11
37)	3700.0000-4200.0000	60.0W	143.0W	37.0	23.5	131.9	244.9	0	GE-4
38)	3700.0000-4200.0000	60.0W	143.0W	40.6	20.8	135.6	248.6	0	Dish1
39)	3700.0000-4200.0000	60.0W	143.0W	43.0	21.6	133.7	250.3	0	Main
40)	3700.0000-4200.0000	60.0W	143.0W	33.9	13.3	147.4	247.4	0	N_RX Dish
41)	3700.0000-4200.0000	60.0W	143.0W	42.6	38.0	311.5	303.1	0	WJR Dish
42)	3700.0000-4200.0000	60.0W	143.0W	39.3	11.8	150.5	251.8	0	Main
43)	3700.0000-4200.0000	60.0W	143.0W	39.3	11.8	150.5	251.8	0	Backup



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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		
44)	3700.0000-4200.0000	60.0W	143.0W	34.8	24.2	131.0	242.8	0	Maindish
45)	3700.0000-4200.0000	60.0W	143.0W	19.7	33.2	117.1	222.8	0	Comtech1
46)	3700.0000-4200.0000	60.0W	143.0W	19.7	33.2	117.1	222.8	0	Comtech2
47)	3700.0000-4200.0000	60.0W	143.0W	40.4	04.9	163.3	257.6	0	Primary
48)	3700.0000-4200.0000	60.0W	143.0W	40.4	04.9	163.3	257.6	0	Backup
49)	3700.0000-4200.0000	60.0W	143.0W	40.5	25.1	128.8	247.8	0	Main
50)	3700.0000-4200.0000	60.0W	143.0W	15.4	33.0	114.8	216.2	0	Primary
51)	3700.0000-4200.0000	60.0W	143.0W	15.4	33.0	114.8	216.2	0	Backup
52)	3700.0000-4200.0000	60.0W	143.0W	05.1	09.2	196.9	279.8	0	MKG-GND
53)	3700.0000-4200.0000	60.0W	143.0W	05.1	09.2	196.9	279.8	0	MKG-Roof
54)	3700.0000-4200.0000	60.0W	143.0W	39.7	08.3	156.8	254.5	0	Studio
55)	3700.0000-4200.0000	60.0W	143.0W	40.4	08.2	157.1	255.0	0	Studio
56)	3700.0000-4200.0000	60.0W	143.0W	34.6	18.3	139.5	244.8	0	Main
57)	3700.0000-4200.0000	60.0W	143.0W	14.4	38.4	110.3	214.0	0	XDS Dish
58)	3700.0000-4200.0000	60.0W	143.0W	40.5	06.4	160.4	256.4	0	Studio
59)	3700.0000-4200.0000	60.0W	143.0W	44.9	17.9	139.4	252.4	0	SES-11
60)	3700.0000-4200.0000	60.0W	143.0W	35.0	13.5	147.2	248.0	0	Main DH
61)	3700.0000-4200.0000	60.0W	143.0W	44.5	12.5	149.2	254.4	0	Studios
62)	3700.0000-4200.0000	60.0W	143.0W	50.0	32.1	322.7	292.0	0	West
63)	3700.0000-4200.0000	60.0W	143.0W	50.0	32.1	322.7	292.0	0	East
64)	3700.0000-4200.0000	60.0W	143.0W	50.0	34.1	319.2	293.0	0	Studio
65)	3700.0000-4200.0000	60.0W	143.0W	36.2	13.9	146.6	248.5	0	TOL-XDS
66)	3700.0000-4200.0000	60.0W	143.0W	36.2	13.9	146.6	248.5	0	TOL-CSNR
67)	3700.0000-4200.0000	60.0W	143.0W	40.5	19.1	138.3	249.0	0	AMC-18
68)	3700.0000-4200.0000	60.0W	143.0W	40.5	19.1	138.3	249.0	0	Backup
69)	3700.0000-4200.0000	60.0W	143.0W	39.0	15.9	143.5	249.3	0	CBAND 1
70)	3700.0000-4200.0000	60.0W	143.0W	45.0	13.4	147.4	254.2	0	Sat Dish
71)	3700.0000-4200.0000	60.0W	143.0W	46.1	14.0	146.1	254.6	0	Main 3.8
72)	3700.0000-4200.0000	60.0W	143.0W	46.1	14.0	146.1	254.6	0	Backup
73)	3700.0000-4200.0000	60.0W	143.0W	46.1	14.0	146.1	254.6	0	Backup
74)	3700.0000-4200.0000	60.0W	143.0W	45.2	41.5	306.8	301.1	0	NW Dish
75)	3700.0000-4200.0000	60.0W	143.0W	45.2	41.5	306.8	301.1	0	SE Dish
76)	3700.0000-4200.0000	60.0W	143.0W	13.0	41.2	107.8	211.5	0	Battery
77)	3700.0000-4200.0000	60.0W	143.0W	35.8	01.0	205.4	283.0	0	Sat 01
78)	3700.0000-4200.0000	60.0W	143.0W	55.2	29.2	328.0	286.3	0	North



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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		
79)	3700.0000-4200.0000	60.0W	143.0W	55.2	29.2	328.0	286.3	0	South
80)	3700.0000-4200.0000	60.0W	143.0W	34.2	17.0	141.5	245.2	0	Andrew
81)	3700.0000-4200.0000	60.0W	143.0W	39.7	05.8	161.6	256.6	0	Dish 1
82)	3700.0000-4200.0000	60.0W	143.0W	39.7	05.8	161.6	256.6	0	Standby
83)	3700.0000-4200.0000	60.0W	143.0W	50.1	15.8	141.3	256.2	0	Studio
84)	3700.0000-4200.0000	60.0W	143.0W	55.0	31.6	323.3	287.5	0	Dish #1
85)	3700.0000-4200.0000	60.0W	143.0W	55.0	31.6	323.3	287.5	0	Dish #2
86)	3700.0000-4200.0000	60.0W	143.0W	56.4	31.4	323.3	286.4	0	Dish #1
87)	3700.0000-4200.0000	60.0W	143.0W	56.4	31.4	323.3	286.4	0	Dish #2
88)	3700.0000-4200.0000	60.0W	143.0W	56.4	31.4	323.3	286.4	0	Dish #3
89)	3700.0000-4200.0000	60.0W	143.0W	25.3	29.8	122.6	230.9	0	SES-11-A
90)	3700.0000-4200.0000	60.0W	143.0W	25.3	29.8	122.6	230.9	0	SES-11-B
91)	3700.0000-4200.0000	60.0W	143.0W	25.3	29.8	122.6	230.9	0	Galaxy16
92)	3700.0000-4200.0000	30.0W	143.0W	41.6	19.5	137.5	249.7	0	Main
93)	3700.0000-4200.0000	60.0W	143.0W	41.6	19.5	137.5	249.7	0	Backup
94)	3700.0000-4200.0000	30.0W	143.0W	45.9	13.0	148.1	254.9	0	Sat Dish
95)	3700.0000-4200.0000	60.0W	143.0W	40.2	09.4	154.9	254.0	0	Studio
96)	3700.0000-4200.0000	60.0W	143.0W	37.0	10.0	153.4	251.8	0	Studio
97)	3700.0000-4200.0000	60.0W	143.0W	60.1	15.2	357.8	274.7	0	Cband
98)	3700.0000-4200.0000	60.0W	143.0W	10.4	35.4	109.4	207.5	0	Eugene
99)	3700.0000-4200.0000	60.0W	143.0W	44.1	17.0	141.1	252.2	0	MainDish
100)	3700.0000-4200.0000	60.0W	143.0W	44.1	17.0	141.1	252.2	0	SecDish
101)	3700.0000-4200.0000	60.0W	143.0W	41.5	09.9	154.0	254.3	0	Jenifer
102)	3700.0000-4200.0000	60.0W	143.0W	24.3	39.0	113.4	229.5	0	Sat Dish
103)	3700.0000-4200.0000	60.0W	143.0W	36.1	16.2	142.9	247.1	0	KIStudio
104)	3700.0000-4200.0000	60.0W	143.0W	36.9	15.9	143.5	247.8	0	FMStudio
105)	3700.0000-4200.0000	60.0W	143.0W	34.1	18.6	139.0	244.2	0	AMC-18
106)	3700.0000-4200.0000	60.0W	143.0W	34.1	18.6	139.0	244.2	0	SES-2
107)	3700.0000-4200.0000	60.0W	143.0W	39.0	26.9	126.5	246.4	0	Main
108)	3700.0000-4200.0000	60.0W	143.0W	39.0	26.9	126.5	246.4	0	Backup
109)	3700.0000-4200.0000	60.0W	143.0W	39.0	26.9	126.5	246.4	0	TSN
110)	3700.0000-4200.0000	60.0W	143.0W	38.4	21.3	135.0	246.7	0	Studio
111)	3700.0000-4200.0000	60.0W	143.0W	38.1	12.0	150.2	251.0	0	Simon1
112)	3700.0000-4200.0000	60.0W	143.0W	38.1	12.0	150.2	251.0	0	Simon2
113)	3700.0000-4200.0000	60.0W	143.0W	13.2	41.3	107.8	211.9	0	Comtech



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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		
114)	3700.0000-4200.0000	60.0W	143.0W	39.6	26.1	127.6	247.0	0	Main
115)	3700.0000-4200.0000	60.0W	143.0W	39.6	26.1	127.6	247.0	0	Backup
116)	3700.0000-4200.0000	60.0W	143.0W	38.0	11.8	150.5	251.1	0	Sharon1
117)	3700.0000-4200.0000	60.0W	143.0W	38.0	11.8	150.5	251.1	0	Sharon2

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) Blacksburg Studio to Permitted Space Station List
- 24) Wilmington Studios to Permitted Space Station List
- 25) CO Springs Studios to Permitted Space Station List
- 26) Ann Arbor Studios 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:

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

- 63) Westwood One, Denver to Permitted Space Station List
- 64) Birmingham Studio to Permitted Space Station List
- 65) Myrtle Beach Studios to Permitted Space Station List
- 66) Harrisburg Studio to Permitted Space Station List
- 67) Buffalo Studio to Permitted Space Station List
- 68) Oxnard-Ventura to Permitted Space Station List
- 69) Eugene Studio to Permitted Space Station List
- 70) Macon Studio to Permitted Space Station List
- 71) Jenifer Street to Permitted Space Station List
- 72) Tucson Studios to Permitted Space Station List
- 73) WWKI Studio to Permitted Space Station List
- 74) WMDH Studio to Permitted Space Station List
- 75) Peoria Studio to Permitted Space Station List
- 76) Beaumont Studio to Permitted Space Station List
- 77) Memphis Studio to Permitted Space Station List
- 78) Simon Road to Permitted Space Station List
- 79) KNBR to Permitted Space Station List
- 80) Lake Charles Studio to Permitted Space Station List
- 81) 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)
Abita Springs, TX	106.1 TX	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			
St. Charles Studio	201 Roof	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			



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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)
Ann Arbor Studios	AA-Main	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								
Tallahassee Studio	AMC-1	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								
Peoria Studi	AMC-18	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								
Huntsville Studio	AMC-18	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								
Purchase Roo	ANT1	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	ANT2	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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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)
Purchase Roo	ANT3	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			
CO Springs Studios	ASMC-18	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			
Tinley Park	Andrew	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			
MSP	Back-up	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			
Beaumont Studio	Backup	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			
Boise Studio	Backup	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			



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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)
Lake Charles Studio	Backup	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			
Birmingham Studio	Backup	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			
Erie Studios	Backup	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			
Charleston Studios	Backup	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			
Charleston Studios	Backup	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			
Huntsville Studio	Backup	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			



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Call Sign: E190464

Authorization Type: Registration

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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)
Providence Studios	Backup	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			
750 Battery Street	Battery	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			
Studios 1301 Gervais	C-Band	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			
Lexington Studio	CBAND 1	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			
Blacksburg Studio	CNORTH	1	3.7	Prodelin	1374-995	615.1	5 AGL/ 620.1 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			
Oxnard-Ventu	Cband	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			



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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)
Chattanooga Studios	Chatt	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								
Cincinnati Studio	Cincysat	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								
KNBR	Comtech	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								
Des Moines Studio	Comtech	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								
Oklahoma Cit Studio	Comtech	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								
Victory	Comtech1	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								



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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)
SLC Studios	Comtech1	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			
SLC Studios	Comtech2	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			
Abilene Studio Site	Dish #1	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			
Wichita Fall Studio	Dish #1	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	Dish #2	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			
Wichita Fall Studio	Dish #2	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			



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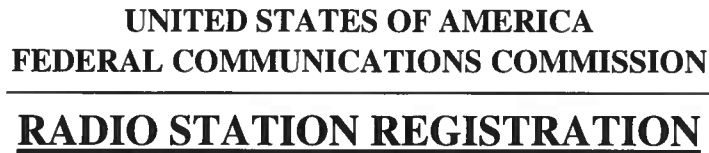
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Site ID	Antenna ID	Units	Diameter (meters)	Manufacturer	Model number	Site Elevation (Meters)	Max Antenna Height (Meters)	Special Provisions (Refer to Section H)
Abilene Studio Site	Dish #3	1	3	Comtech	Unknown	538	3 AGL/ 541 AMSL	
Max Gains(s): 39.0 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	Dish #4	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			
WMAS/WHLL	Dish 1	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			
Columbus Studio	Dish1	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			
Topeka Studi	East	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			
Columbia, MO Studios	EastDish	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			



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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)
Eugene Studi	Eugene	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		
WMDH Studio	FMStudio	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		
Wellington	GE-4	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		
Grand Rapids Studio	GRR Roof	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		
Westwood One Denver	Galaxy16	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		
Indy Studio Building	IndyDish	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		



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Jenifer Street	Jenifer	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								
WWKI Studio	KIStudio	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								
KRBE Studios	KRBE Sat	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								
Culver City	LA Dish	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								
MKG-Studio	MKG-GND	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	MKG-Roof	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								



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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)
Bloomington Studio	Main	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								
Mobile Main Studios	Main	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								
Lafayette Studios	Main	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								
Charleston Studios	Main 3.8	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								
Flint Studio Bldg.	Main DH	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								
Macon Studio	MainDish	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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Fayetteville AR	Maindish	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								
Wilmington Studios	NC EMNet	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								
Tri-Cities Studios	NW Dish	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								
Saginaw Studio Bldg.	N_RX Dish	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								
Amarillo Studio	North	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								
KC Studio	Patriot2	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								



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KC Studio	Patroit1	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			
Boise Studio	Primary	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			
Providence Studios	Primary	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			
Tri-Cities Studios	SE Dish	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			
Wellington	SES-11	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			
Albany Studi	SES-11	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			



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Westwood One Denver	SES-11-A	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			
Westwood One Denver	SES-11-B	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			
Tallahassee Studio	SES-11_1	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			
Tallahassee Studio	SES-11_2	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			
Peoria Studi	SES-2	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			
Modesto-Stoc	Sat 01	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			



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Florence Studios	Sat Dish	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								
Tucson Studios	Sat Dish	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								
Myrtle Beach Studios	Sat Dish	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								
Macon Studio	SecDish	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								
Pine Hollow	Sharon1	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	Sharon2	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)
Simon Road	Simon1	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								
Simon Road	Simon2	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								
Amarillo Studio	South	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								
WMAS/WHLL	Standby	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								
Harrisburg Studio	Studio	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								
WBS Studio	Studio	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								



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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)
Buffalo Studio	Studio	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			
Memphis Studio	Studio	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			
Allentown Studio	Studio	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			
Melbourne Studio	Studio	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			
Stockton Studio	Studio	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			
Bridgeport Studio	Studio	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			



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Baton Rouge Studio	Studio	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			
Fayetteville	Studios	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			
Toledo Studi	TOL-CSNR	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			
Toledo Studi	TOL-XDS	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			
Beaumont Studio	TSN	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			
Knoxville Studio	WIVK1	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			



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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)
WJR Transmitter	WJR Dish	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								
Wilmington Studios	WW1-Prem	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								
James St. Studios	WW1XDS	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								
Shreveport Studios	WWO/PRN	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								
Shreveport Studios	Wegener	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								
Topeka Studi	West	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								



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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)
Columbia, MO Studios	WestDish	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			
Reno Studio	XDS Dish	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			

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)



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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.

