



PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION
445 12th STREET S.W.
WASHINGTON D.C. 20554

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TTY (202) 418-2555

Report No. SES-02355

Wednesday April 14, 2021

Satellite Communications Services re: Satellite Radio Applications Accepted For Filing

The applications listed herein have been found, upon initial review, to be acceptable for filing. The Commission reserves the right to return any of the applications if, upon further examination, it is determined they are defective and not in conformance with the Commission's Rules and Regulations and its Policies. Final action will not be taken on any of these applications earlier than 30 days following the date of this notice. 47 U.S.C. § 309(b). All applications accepted for filing will be assigned call signs, or other unique station identifiers. However, these assignments are for administrative purposes only and do not in any way prejudice Commission action.

SES-MFS-20210216-00341 E E190652 Harte Satellite Consultants

Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Harte Satellite Consultants requests modification of its fixed earth station in Tampa, FL to communicate with the Intelsat 37e (S2972) satellite at the 18.0 W.L. orbital location in the 12750-13250 MHz (Earth-to-space), and 11200-11450 MHz and 10700-10950 (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: 5460 Beaumont Center, Hillsborough, Tampa, FL
27 ° 59 ' 59.30 " N LAT.

82 ° 32 ' 54.90 " W LONG.

ANTENNA ID:	1	0.45 meters	TTI	27E01-1000-A
	10700.0000 - 10950.0000 MHz	36M0G7W		Digital Data Carrier
	11200.0000 - 11450.0000 MHz	36M0G7W		Digital Data Carrier
	12750.0000 - 13250.0000 MHz	7M00G7W	42.90 dBW	Digital Data Carrier

Points of Communication:

1 - HISPASAT - (30.0 W.L.)

1 - INTELSAT 11 (S2237) - (43.0 W.L.)

1 - INTELSAT 37e (S2972) - (18.0 W.L.)

Application for Modification

Class of Station: Fixed Earth Stations**Nature of Service:** Fixed Satellite Service

SITE ID: 1

LOCATION: 4980 Madison 6060, Madison, Huntsville, AR

36 ° 3 ' 57.00 " N LAT.

93 ° 44 ' 14.90 " W LONG.

ANTENNA ID:	3.9M.	3.9 meters	Dawnco	3.9M.
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulations
ANTENNA ID:	WBRL	3.7 meters	General Dynamics	3.7M.
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulations
ANTENNA ID:	WBRL2	3.7 meters	General Dynamics	3.7M.
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulations
ANTENNA ID:	WBRL4	3.9 meters	Patriot	3.9M.
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulations
ANTENNA ID:	WBRR	3.7 meters	General Dynamics	3.7M.
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulations
ANTENNA ID:	WMRL	3.8 meters	Patriot	3.8M.
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulations
ANTENNA ID:	WMRC	3.7 meters	General Dynamics	3.7M.
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulations
ANTENNA ID:	WMRR	3.7 meters	General Dynamics	3.7M.
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulations
ANTENNA ID:	WFR	4.2 meters	Dawnco	4.2M.
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital traffic, various FEC, data rates and modulations

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20201209-01318 E E181877 Madison County Cable, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 113 Court Street, Madison, Huntsville, AR

36 ° 5 ' 12.50 " N LAT.

93 ° 44 ' 8.60 " W LONG.

ANTENNA ID: 3.8M. 3.8 meters Patriot 3.8M.

3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulations

ANTENNA ID: 3.1M. 3.1 meters Patriot 3.1M.

3700.0000 - 4200.0000 MHz 36M0G7W Digital traffic, various FEC, data rates and modulations

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20210308-00442 E E5422 Alascom, Inc.

Application for Modification

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

Alascom, Inc. requests modification of its fixed earth station in Levelock, AK to add and change emission designators to communicate with Permitted List satellites in the 5925-6425 MHz (Earth-to-space), and 3700-4200 MHz (space-to-Earth) frequency bands.

SITE ID: 1

LOCATION: NSN-THIRD& MAIN STREETS, LEVELOCK, AK

59 ° 6 ' 44.50 " N LAT.

156 ° 51 ' 35.00 " W LONG.

ANTENNA ID: 1 4.5 meters ANDREW CORPORATION ESA45-46A

5925.0000 - 6425.0000 MHz 29K0G7W 52.70 dBW VARIOUS PSK & QAM - VOICE AND DATA

3700.0000 - 4200.0000 MHz 15M0G7W 0.00 dBW VARIOUS PSK & QAM - VOICE AND DATA

5925.0000 - 6425.0000 MHz 15M0G7W 57.76 dBW VARIOUS PSK & QAM - VOICE AND DATA

3700.0000 - 4200.0000 MHz 29K0G7W VARIOUS PSK & QAM - VOICE AND DATA

Points of Communication:

1 - PERMITTED LIST - ()

SES-MOD-20210316-00516 E E090001 KVH Industries, Inc.

Application for Modification

Class of Station: VSAT Network**Nature of Service:** Earth Stations on-board Vessels, Fixed Satellite Service

KVH Industries, Inc. (KVH) requests modification of its blanket license to add 5,000 V30 ESIMs terminals operating in 10.95-11.2 GHz, 11.45-11.7 GHz, and 11.7-12.2 GHz (space-to-Earth) and 14.0-14.5 GHz (Earth-to-space) for Fixed-Satellite Service (FSS).

SITE ID: ESV NET3**LOCATION:** (MOBILE 1.0METER) (250 UNITS), CONUS, HI, AK USTERR

ANTENNA ID:	ESV3	1 meters	MELCO	KU-MATE(SX-5300)
14000.0000 - 14500.0000 MHz		36M0G7D	49.00 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz		27M0G7D	49.00 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz		18M0G7D	49.00 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
11700.0000 - 12200.0000 MHz		36M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
11700.0000 - 12200.0000 MHz		27M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
11700.0000 - 12200.0000 MHz		18M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
11450.0000 - 11700.0000 MHz		36M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
11450.0000 - 11700.0000 MHz		27M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
11450.0000 - 11700.0000 MHz		18M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE

10950.0000 - 11200.0000 MHz	36M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
10950.0000 - 11200.0000 MHz	27M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
10950.0000 - 11200.0000 MHz	18M0G7D		SPREAD OUTBOUND 10 MBPS CARRIER, DATA SERVICE
SITE ID: ESV NET1			
LOCATION: (MOBILE 0.6METER) 3500 UNITS, CARIBBEAN AND COASTAL AREA, CONUS, GM			
ANTENNA ID: ESV1	0.6 meters	KVH INDUSTRIES, INC.	TRACPHONE V7
14000.0000 - 14500.0000 MHz	36M0G7D	42.40 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	18M0G7D	42.40 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	27M0G7D	42.40 dBW	SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
14000.0000 - 14500.0000 MHz	1M80G7D	41.15 dBW	DATA SERVICES
11700.0000 - 12200.0000 MHz	36M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	18M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	1M80G7D		DATA SERVICES
11450.0000 - 11700.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11450.0000 - 11700.0000 MHz	1M80G7D		DATA SERVICES
10950.0000 - 11200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
10950.0000 - 11200.0000 MHz	1M80G7D		DATA SERVICES
SITE ID: ESV NET2			
LOCATION: (MOBILE 0.37METER) 50 ENTERPRISE CENTER, VARIOUS (1000 UNITS)			

ANTENNA ID:	ESV2	0.37 meters	TRACPHONE	V3
	14000.0000 - 14500.0000 MHz	36M0G7D	38.02 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
	14000.0000 - 14500.0000 MHz	27M0G7D	38.02 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
	14000.0000 - 14500.0000 MHz	18M0G7D	38.02 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
	14000.0000 - 14500.0000 MHz	6M87G7W	38.02 dBW	Digital Data Services
	11700.0000 - 12200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	11700.0000 - 12200.0000 MHz	36M0G7D		DATA SERVICES
	11700.0000 - 12200.0000 MHz	18M0G7D		DATA SERVICES
	11700.0000 - 12200.0000 MHz	5M00G7W		Digital Data Services
	11700.0000 - 12200.0000 MHz	6M87G7W		Digital Data Services
	11450.0000 - 11700.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	11450.0000 - 11700.0000 MHz	5M00G7W		Digital Data Services
	11450.0000 - 11700.0000 MHz	6M87G7W		Digital Data Services
	10950.0000 - 11200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	10950.0000 - 11200.0000 MHz	5M00G7W		Digital Data Services
	10950.0000 - 11200.0000 MHz	6M87G7W		Digital Data Services
	1400.0000 - 14500.0000 MHz	5M00G7W	38.02 dBW	Digital Data Services
SITE ID:	ESV NET4			
LOCATION:	(MOBILE 1.0METER) 50 ENTERPRISE CENTER, VARIOUS (500 UNITS)			

ANTENNA ID:	ESV4	1 meters	KVH INDUDTRIES	TRACPHONE V11
	14000.0000 - 14500.0000 MHz	27M0G7D	46.30 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
	14000.0000 - 14500.0000 MHz	36M0G7D	46.30 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
	14000.0000 - 14500.0000 MHz	18M0G7D	46.30 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
	14000.0000 - 14500.0000 MHz	250KG7D	36.94 dBW	Digital Data Services
	11700.0000 - 12200.0000 MHz	36M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	11700.0000 - 12200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	11700.0000 - 12200.0000 MHz	18M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	11700.0000 - 12200.0000 MHz	250KG7D		Digital Data Services
	11450.0000 - 11700.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	11450.0000 - 11700.0000 MHz	250KG7D		Digital Data Services
	10950.0000 - 11200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
	10950.0000 - 11200.0000 MHz	250KG7D		Digital Data Services
SITE ID:	ESV NET5			
LOCATION:	(V30 0.37M. 5000UNITS) 50 ENTERPRISE CENTER, USA, MIDDLETOWN, RI			
ANTENNA ID:	ESV NET5	0.37 meters	KVH	V30

14000.0000 - 14500.0000 MHz	36M0G7D	36.95 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	27M0G7D	36.95 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	18M0G7D	36.95 dBW	DIRECT SEQUENCE SPREAD SPECTRUM (DSSS) TECHNIQUE USING A RANDOM ACCESS METHOD CALLED CODE REUSE MULTIPLE ACCESS (CRMA) TO ACCESS THE SATELLITE. DATA SERVICES.
14000.0000 - 14500.0000 MHz	6M87G7W	36.95 dBW	SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	36M0G7D		Digital Data Services
11700.0000 - 12200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11700.0000 - 12200.0000 MHz	250KG7D		Digital Data Services
11700.0000 - 12200.0000 MHz	6M87G7W		Digital Data Services
11700.0000 - 12200.0000 MHz	18M0G7D		Digital Data Services
11450.0000 - 11700.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
11450.0000 - 11700.0000 MHz	5M00G7W		Digital Data Services
11450.0000 - 11700.0000 MHz	250KG7D		Digital Data Services
11450.0000 - 11700.0000 MHz	6M87G7W		Digital Data Services
10950.0000 - 11200.0000 MHz	27M0G7D		SPREAD SPECTRUM CRMA OUTBOUND DATA SERVICES
10950.0000 - 11200.0000 MHz	5M00G7W		Digital Data Services
10950.0000 - 11200.0000 MHz	6M87G7W		Digital Data Services

Points of Communication:

ESV NET1 - EUTELSAT174A(S2610) - (174 E. L.)

ESV NET1 - PERMITTED LIST - ()

ESV NET2 - EUTELSAT174A(S2610) - (174 E. L.)

ESV NET2 - PERMITTED LIST - ()

ESV NET3 - EUTELSAT174A(S2610) - (174 E. L.)

ESV NET3 - TELSTAR 11N (S2357) - (37.5 W.L.)

ESV NET4 - EUTELSAT174A(S2610) - (174 E. L.)

ESV NET4 - PERMITTED LIST - ()

ESV NET4 - TELSTAR 11N (S2357) - (37.5 W.L.)

ESV NET5 - PERMITTED LIST - ()

SES-REG-20181004-06769 E E202174 TOWN & COUNTRY CABLE TV AND TELECOMMUNICATIONS

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 8887 W 8 Mile Road, Lake, Irons, MI

44 ° 6 ' 16.20 " N LAT.

85 ° 58 ' 51.90 " W LONG.

ANTENNA ID: Irons 3.8 meters Patroit 3.8 Commercial

3700.0000 - 4200.0000 MHz 30M0G7W 0.00 dBW Analog and Digital

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20210108-00024 E E050250A Gridley Cable, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Gridley

LOCATION: 502 Eastern Drive, McLean, Gridley, IL

40 ° 44 ' 28.10 " N LAT.

88 ° 52 ' 20.20 " W LONG.

ANTENNA ID: 2 4.5 meters Scientific-Atlanta 8345

3700.0000 - 4200.0000 MHz 36M0G7F Digital Video

3700.0000 - 4200.0000 MHz 36M0F3F Standard Video with associated audio subscribers

ANTENNA ID: 1 4.6 meters Scientific-Atlanta 8005

3700.0000 - 4200.0000 MHz	36M0G7F	0.00 dBW	Digital Video
3700.0000 - 4200.0000 MHz	36M0F3F		Standard Video with associated audio subscribers
ANTENNA ID: 3	3.7 meters	General Dynamics	8200
3700.0000 - 4200.0000 MHz	36M0G7F	0.00 dBW	Digital Video
3700.0000 - 4200.0000 MHz	36M0F3F		Standard Video with associated audio subscribers
ANTENNA ID: 4	3.8 meters	Patriot	PRT-380
3700.0000 - 4200.0000 MHz	36M0G7F		Digital Video
3700.0000 - 4200.0000 MHz	36M0F3F		Standard Video with associated audio subscribers
ANTENNA ID: 5	3.8 meters	Patriot	PRT-380
3700.0000 - 4200.0000 MHz	36M0G7F		Digital Video
3700.0000 - 4200.0000 MHz	36M0F3F		Standard Video with associated audio subscribers
ANTENNA ID: 6	4.5 meters	Scientific-Atlanta	8345
3700.0000 - 4200.0000 MHz	36M0G7F		Digital Video
3700.0000 - 4200.0000 MHz	36M0F3F		Standard Video with associated audio subscribers

Points of Communication:

Gridley - AMC-11(S2433) - (131 W.L.)

Gridley - AMC-7 (S2155) - (135 W.L.)

Gridley - GALAXY 13 (S2386) - (127 W.L.)

Gridley - GALAXY 15 (S2387) - (133.1)

Gridley - GALAXY 17 (S2715) - (91 W.L.)

Gridley - GALAXY 18 (S2733) - (123 W.L.)

Gridley - SES-1 (S2807) - (101.0 W.L.)

Gridley - SES-11 (S2964) - (104.95 W.L.)

Gridley - SES-3 (S2892) - (103 W.L.)

SES-REG-20210111-00037 E E050353A Gray Television Licensee, LLC
Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 6220 N.W. 43rd St., Alachua, Gainesville, FL
29 ° 42 ' 43.00 " N LAT.

82 ° 23 ' 25.00 " W LONG.

ANTENNA ID: ABC Backup 4.5 meters Andrew ES45P

3700.0000 - 4200.0000 MHz 36M0G7F NULL

ANTENNA ID: CW 4.5 meters DH 45DH8

3700.0000 - 4200.0000 MHz 36M0G7F NULL

ANTENNA ID: DH42 4.2 meters DH 42DH8

3700.0000 - 4200.0000 MHz 36M0G7F NULL

ANTENNA ID: DH37 3.7 meters DH 37DH1

3700.0000 - 4200.0000 MHz 36M0G7F NULL

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20210112-00042 E E200811A HTC Communications Co.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site1

LOCATION: 1100 S. Market St, Monroe, Waterloo, IL
38 ° 18 ' 54.51 " N LAT.

90 ° 8 ' 37.34 " W LONG.

ANTENNA ID: Ant6 5 meters Simulsat 5M Simulsat

3700.0000 - 4200.0000 MHz 36M0G7W

ANTENNA ID: Ant7 4.5 meters Patriot 4.5M Patriot

3700.0000 - 4200.0000 MHz 36M0G7W

Points of Communication:

Site1 - PERMITTED LIST - ()

SES-REG-20210119-00068 E E180634A Lafayette City Parish Consolidated Government

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Lafayette
LOCATION: 234 Distribution Drive, Lafayette, Lafayette, LA
30 ° 15 ' 35.40 " N LAT. 92 ° 1 ' 43.20 " W LONG.

ANTENNA ID:	C1	4.5 meters	Superior Satellite	Series 8345
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Video Programming
ANTENNA ID:	C2	3.7 meters	Superior Satellite	Patriot PRT-King Ser
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Video Programming

Points of Communication:

Lafayette - PERMITTED LIST - ()

SES-REG-20210121-00099 E E040142A Connecticut Public Broadcasting Inc

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1049 ASYLUM AVENUE (WNPR-FM), HARTFORD, HARTFORD, CT
41 ° 46 ' 18.80 " N LAT. 72 ° 41 ' 59.80 " W LONG.

ANTENNA ID:	3.8 M.	3.8 meters	DH	3.8
	3700.0000 - 4200.0000 MHz	30K0F1D	0.00 dBW	Digital Audio Carrier
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Broadcast Audio Carrier
	3700.0000 - 4200.0000 MHz	36M0G7W	0.00 dBW	Digital Broadcast Audio Carrier
ANTENNA ID:	3.8 M.	3.8 meters	COMTECH	3.8
	3700.0000 - 4200.0000 MHz	30K0F1D	0.00 dBW	Digital Audio Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20210121-00102 E E181107A Subarctic Media, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 1414 East College Drive, Lyon, Marshall, MN
44 ° 27 ' 0.20 " N LAT. 95 ° 45 ' 45.70 " W LONG.

ANTENNA ID:	2	2.8 meters	unk	unk
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3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	QPSK Modulation - Digital Audio and Video signals
SITE ID:	1			
LOCATION:	1414 East College Drive, Lyon, Marshall, MN		95 ° 45 ' 46.80 " W LONG.	
44 ° 26 ' 58.50 " N LAT.				
ANTENNA ID:	3	2.8 meters	unk	unk
3700.0000 - 4200.0000 MHz		36M0G7W	0.00 dBW	QPSK Modulation - Digital Audio and Video signals
Points of Communication:				
1 - PERMITTED LIST - ()				
1 - SES-11 (S2964) - (104.95 W.L)				
SES-REG-20210122-00084 E E050217A KTRK Television, Inc.				
Registration				
Class of Station: Fixed Earth Stations				
Nature of Service: Fixed Satellite Service				
SITE ID:	1			
LOCATION:	3310 Bissonet KTRK, Harris, Houston, TX		95 ° 25 ' 47.21 " W LONG.	
29 ° 43 ' 32.66 " N LAT.				
ANTENNA ID:	3.8	3.8 meters	Patriot	3.8M
3700.0000 - 4200.0000 MHz		36M0G7F	Compressed digital video	
ANTENNA ID:	7.3	7.3 meters	Andrew	ESA73-46
3700.0000 - 4200.0000 MHz		36M0G7F	Compressed digital video	
ANTENNA ID:	11.1	11.1 meters	VertexRSI	11.1M KPC
3700.0000 - 4200.0000 MHz		36M0G7F	Compressed digital video	
Points of Communication:				
1 - PERMITTED LIST - ()				
SES-REG-20210122-00086 E E4708A ABC, Inc.				
Registration				
Class of Station: Fixed Earth Stations				
Nature of Service: Fixed Satellite Service				
SITE ID:	1			
LOCATION:	4100 City Ave, Philadelphia, Philadelphia, PA		75 ° 12 ' 51.70 " W LONG.	
40 ° 0 ' 21.10 " N LAT.				

ANTENNA ID:	4.5M	4.5 meters	Andrew	4.5M
	3700.0000 - 4200.0000 MHz		36000F9	NULL
ANTENNA ID:	COM3.8	3.8 meters	Comtech	COM-38M
	3700.0000 - 4200.0000 MHz		36000F9	NULL
ANTENNA ID:	PROD3.8	3.8 meters	Prodelin	1383
	3700.0000 - 4200.0000 MHz		36000F9	NULL
ANTENNA ID:	2.4	2.4 meters	Prodelin	1252
	3700.0000 - 4200.0000 MHz		36000F9	NULL

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20210122-00088 E E8191A KFSN TELEVISION, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: KFSN, Fresno, Fresno, CA

36 ° 44 ' 17.20 " N LAT.

119 ° 48 ' 10.00 " W LONG.

ANTENNA ID:	1	4.5 meters	Andrew	ESA45-4A
	3700.0000 - 4200.0000 MHz		36000F9	Null
	3700.0000 - 4200.0000 MHz		36M0F3F	Video, audio, and associated signals
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital video, audio, voice, and other data
ANTENNA ID:	2	4.5 meters	Scientific Atlanta	8345
	3700.0000 - 4200.0000 MHz		36000F9	Null
	3700.0000 - 4200.0000 MHz		36M0F3F	Video, audio, and associated signals
	3700.0000 - 4200.0000 MHz		36M0G7F	Digital video, audio, voice, and other data

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20210122-00093 E E5357A WTVD TELEVISION, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Durham, Durham, NC

35 ° 59 ' 37.60 " N LAT.

78 ° 53 ' 40.40 " W LONG.

ANTENNA ID:	1	4.5 meters	Patriot	4.5M
3700.0000 - 4200.0000 MHz		36M0G7W		Digital video carrier and information
ANTENNA ID:	2	4.5 meters	Andrew	ES45T-R-1
3700.0000 - 4200.0000 MHz		36M0G7W		Digital video carrier and information

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20210122-00115 E E200554A WTVQ-TV, L.L.C.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 6940 Man O'War Blvd. (WTVQ-DT Studio), Fayette, Lexington, KY

38 ° 2 ' 2.00 " N LAT.

84 ° 23 ' 37.00 " W LONG.

ANTENNA ID:	Utility 1	6.1 meters	Harris	6.1 Meter
3700.0000 - 4200.0000 MHz		36M0F8W	0.00 dBW	Digital traffic, various FEC, data rates and modulatons
ANTENNA ID:	MyNetTV	3.8 meters	Patriot	3.8 Meters
3700.0000 - 4200.0000 MHz		36M0F8W	0.00 dBW	Digital traffic, various FEC, data rates and modulatons
ANTENNA ID:	Antenna TV	3.8 meters	Patriot	3.8 Meters
3700.0000 - 4200.0000 MHz		36M0F8W	0.00 dBW	Digital traffic, various FEC, data rates and modulatons
ANTENNA ID:	Pathfire	3.8 meters	Patriot	3.8 Meters
3700.0000 - 4200.0000 MHz		36M0F8W	0.00 dBW	Digital traffic, various FEC, data rates and modulatons
3700.0000 - 4200.0000 MHz		36M0F8W	0.00 dBW	Digital traffic, various FEC, data rates and modulatons

ANTENNA ID:	Utility 2	3.6 meters	DH Satellite	3.6 Meter
	3700.0000 - 4200.0000 MHz	36M0F8W	0.00 dBW	Digital traffic, various FEC, data rates and modulatons

ANTENNA ID:	CoziTV	4.25 meters	Prodelion	4.25 Meter
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Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20210122-00119 E E120160A KFTV License Partnership, G.P.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 601 W. UNIVISION PLAZA, Fresno, Fresno, CA
36 ° 50 ' 8.40 " N LAT.

119 ° 48 ' 11.60 " W LONG.

ANTENNA ID:	2	4.5 meters	EASI	4.5 METER
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	4000.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, and Data
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SITE ID: 1

LOCATION: 601 W. UNIVISION PLAZA, Fresno, Fresno, CA
36 ° 50 ' 8.22 " N LAT.

119 ° 48 ' 11.57 " W LONG.

ANTENNA ID:	4	3.8 meters	Patriot	Prime Focus
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	4000.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, and Data
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SITE ID: 1

LOCATION: 601 W. UNIVISION PLAZA, Fresno, Fresno, CA
36 ° 50 ' 8.82 " N LAT.

119 ° 48 ' 11.85 " W LONG.

ANTENNA ID:	5	3.8 meters	Patriot	Prime Focus
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	4000.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, and Data
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SITE ID: 1

LOCATION: 601 W. UNIVISION PLAZA, Fresno, Fresno, CA
36 ° 50 ' 8.85 " N LAT.

119 ° 48 ' 11.55 " W LONG.

ANTENNA ID:	3	4.5 meters	EASI	4.5 METER
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	4000.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, and Data
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Points of Communication:

1 - PERMITTED LIST - ()

1 - PERMITTED LIST - ()

1 - PERMITTED LIST - ()

1 - PERMITTED LIST - ()

SES-REG-20210122-00120 E E180020A KDTV License Partnership, G.P.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1940 Zanker Rd, Santa Clara, San Jose, CA

37 ° 22 ' 34.55 " N LAT.

121 ° 54 ' 37.62 " W LONG.

ANTENNA ID: 2 4.5 meters Viasat

ESA8345

4000.0000 - 4200.0000 MHz

36M0G7W

Digital Video, Audio, and Data

SITE ID: 1

LOCATION: 1940 Zanker Rd, Santa Clara, San Jose, CA

37 ° 22 ' 34.76 " N LAT.

121 ° 54 ' 37.89 " W LONG.

ANTENNA ID: 3 4.5 meters Viasat

ESA8345

4000.0000 - 4200.0000 MHz

36M0G7W

Digital Video, Audio, and Data

SITE ID: 1

LOCATION: 1940 Zanker Rd, Santa Clara, San Jose, CA

37 ° 22 ' 34.32 " N LAT.

121 ° 54 ' 37.41 " W LONG.

ANTENNA ID: 4 4.5 meters Viasat

ESA8345

4000.0000 - 4200.0000 MHz

36M0G7W

Digital Video, Audio, and Data

Points of Communication:

1 - PERMITTED LIST - ()

1 - PERMITTED LIST - ()

1 - PERMITTED LIST - ()

SES-REG-20210122-00125 E E181189A Graham Media Group, Michigan, Inc.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: Site 1

LOCATION: 15700 Lincoln Dr, Oakland, Southfield, MI

42 ° 28 ' 56.84 " N LAT.

83 ° 12 ' 18.05 " W LONG.

ANTENNA ID:	ANT4	5.5 meters	SATCOM	551CF-120
	4000.0000 - 4200.0000 MHz		36M0F8F	Analog Video with Associated Subcarriers
	4000.0000 - 4200.0000 MHz		30M0G7W	Digital Video
SITE ID:	Site 2			
LOCATION:	550 West Lafayette Blvd., Wayne, Detroit, MI			
	42 ° 19 ' 46.64 " N LAT.		83 ° 3 ' 15.42 " W LONG.	
ANTENNA ID:	ANT5	3.7 meters	Miralite	MT830
	4000.0000 - 4200.0000 MHz		36M0F8F	Analog Video with Associated Subcarriers
	4000.0000 - 4200.0000 MHz		30M0G7W	Digital Video
SITE ID:	Site 2			
LOCATION:	550 West Lafayette Blvd., Wayne, Detroit, MI			
	42 ° 19 ' 48.45 " N LAT.		83 ° 3 ' 13.64 " W LONG.	
ANTENNA ID:	ANT6	3.7 meters	Andrew	ES37
	4000.0000 - 4200.0000 MHz		36M0F8F	Analog Video with Associated Subcarriers
	4000.0000 - 4200.0000 MHz		30M0G7W	Digital Video
SITE ID:	Site 2			
LOCATION:	550 West Lafayette Blvd., Wayne, Detroit, MI			
	42 ° 19 ' 48.24 " N LAT.		83 ° 3 ' 11.78 " W LONG.	
ANTENNA ID:	ANT7	3.7 meters	DH	37DH1
	4000.0000 - 4200.0000 MHz		36M0F8F	Analog Video with Associated Subcarriers
	4000.0000 - 4200.0000 MHz		30M0G7W	Digital Video
SITE ID:	Site 2			
LOCATION:	550 West Lafayette Blvd., Wayne, Detroit, MI			
	42 ° 19 ' 48.45 " N LAT.		83 ° 3 ' 11.92 " W LONG.	
ANTENNA ID:	ANT8	3.7 meters	DH	37DH1
	4000.0000 - 4200.0000 MHz		36M0F8F	Analog Video with Associated Subcarriers
	4000.0000 - 4200.0000 MHz		30M0G7W	Digital Video
SITE ID:	Site 1			
LOCATION:	15700 Lincoln Dr, Oakland, Southfield, MI			
	42 ° 28 ' 56.33 " N LAT.		83 ° 12 ' 17.16 " W LONG.	

ANTENNA ID:	ANT3	3.7 meters	Andrew	ES37
	4000.0000 - 4200.0000 MHz	36M0F8F		Analog Video with Associated Subcarriers
	4000.0000 - 4200.0000 MHz	30M0G7W		Digital Video
SITE ID:	Site 2			
LOCATION:	550 West Lafayette Blvd., Wayne, Detroit, MI			
	42 ° 19 ' 46.75 " N LAT.		83 ° 3 ' 15.98 " W LONG.	
ANTENNA ID:	ANT9	4.5 meters	DH	45DH8
	4000.0000 - 4200.0000 MHz	36M0F8F		Analog Video with Associated Subcarriers
	4000.0000 - 4200.0000 MHz	30M0G7W		Digital Video
Points of Communication:				
	Site 1 - PERMITTED LIST - ()			
	Site 1 - PERMITTED LIST - ()			
	Site 2 - PERMITTED LIST - ()			
	Site 2 - PERMITTED LIST - ()			
	Site 2 - PERMITTED LIST - ()			
	Site 2 - PERMITTED LIST - ()			
	Site 2 - PERMITTED LIST - ()			
SES-REG-20210122-00126		E	E120150A	KUVS License Partnership, G.P.
Registration				
Class of Station:	Fixed Earth Stations			
Nature of Service:	Fixed Satellite Service			
SITE ID:	1			
LOCATION:	1710 ARDEN WAY, Sacramento, Sacramento, CA			
	38 ° 35 ' 54.37 " N LAT.		121 ° 25 ' 35.05 " W LONG.	
ANTENNA ID:	2	4.5 meters	EASI	4.5 METER
	4000.0000 - 4200.0000 MHz	36M0G7W		Digital Video, Audio, and Data
SITE ID:	1			
LOCATION:	1710 ARDEN WAY, Sacramento, Sacramento, CA			
	38 ° 35 ' 54.57 " N LAT.		121 ° 25 ' 35.42 " W LONG.	
ANTENNA ID:	3	4.5 meters	EASI	4.5 METER

SITE ID: 1
LOCATION: 1710 ARDEN WAY, Sacramento, Sacramento, CA
38 ° 35 ' 54.74 " N LAT. 121 ° 25 ' 35.71 " W LONG.

ANTENNA ID: 4 4.5 meters EASI 4.5 METER

4000.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, and Data

Points of Communication:

1 - PERMITTED LIST - ()

1 - PERMITTED LIST - ()

1 - PERMITTED LIST - ()

SES-REG-20210122-00127 E E120152A KWEX License Partnership, L.P.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 12451 NETWORK BLVD., Bexar, San Antonio, TX
29 ° 32 ' 56.79 " N LAT. 98 ° 35 ' 27.74 " W LONG.

ANTENNA ID: 2 4.5 meters EASI 4.5 METER

4000.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, and Data

SITE ID: 1
LOCATION: 12451 NETWORK BLVD., Bexar, San Antonio, TX
29 ° 32 ' 56.55 " N LAT. 98 ° 35 ' 28.00 " W LONG.

ANTENNA ID: 3 4.5 meters EASI 4.5 METER

4000.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, and Data

SITE ID: 1
LOCATION: 12451 NETWORK BLVD., Bexar, San Antonio, TX
29 ° 32 ' 57.29 " N LAT. 98 ° 35 ' 27.21 " W LONG.

ANTENNA ID: 4 4.5 meters EASI 4.5 METER

4000.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, and Data

Points of Communication:

1 - PERMITTED LIST - ()

1 - PERMITTED LIST - ()

1 - PERMITTED LIST - ()

SITE ID: KDAL / WDSM
LOCATION: 11 East Superior St. Suite 380, St.Louis, Duluth, MN
46 ° 47 ' 15.35 " N LAT. 92 ° 5 ' 53.56 " W LONG.

ANTENNA ID: 2 3.7 meters Viking Antenna Viking 3.7M

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Modulation for Audio and Video Services

Points of Communication:

KDAL / WDSM - GALAXY 16 (S2687) - (99 W.L.)

SES-REG-20210126-00169 E E200527A Midwest Communications, Inc.
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: WTAQ-WNFL
LOCATION: 1420 Bellevue Street 1420 Bellevue Street, Brown, Green Bay, WI
44 ° 28 ' 39.67 " N LAT. 87 ° 59 ' 57.10 " W LONG.

ANTENNA ID: 2 3.8 meters Comtech Comtech 3.8m

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Modulation for Audio and Video Services

Points of Communication:

WTAQ-WNFL - GALAXY 16 (S2687) - (99 W.L.)

SES-REG-20210126-00171 E E200723A Midwest Communications, Inc.
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: WHBL
LOCATION: 2100 Washington St., Sheboygan, Sheboygan, WI
43 ° 43 ' 11.00 " N LAT. 87 ° 44 ' 1.00 " W LONG.

ANTENNA ID: 2 3.8 meters Comtech Comtech 3.8m

3700.0000 - 4200.0000 MHz 36M0G7W 0.00 dBW Digital Modulation for Audio and Video Services

Points of Communication:

WHBL - GALAXY 16 (S2687) - (99 W.L.)

SES-REG-20210128-00167 E E050069A WFAA-TV, Inc.
Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 606 YOUNG STREET, Dallas, Dallas, TX
32 ° 46 ' 30.00 " N LAT.

96 ° 48 ' 18.00 " W LONG.

ANTENNA ID: 3 7.3 meters Andrew

7.3 Meter ESA

4000.0000 - 4200.0000 MHz 36M0G7W

Digital Video, Audio, and Data

SITE ID: 1

LOCATION: 606 YOUNG STREET, Dallas, Dallas, TX
32 ° 46 ' 30.00 " N LAT.

96 ° 48 ' 18.00 " W LONG.

ANTENNA ID: 4 4.5 meters Andrew

ESA45-46A

4000.0000 - 4200.0000 MHz 36M0G7W

Digital Video, Audio, and Data

SITE ID: 1

LOCATION: 606 YOUNG STREET, Dallas, Dallas, TX
32 ° 46 ' 30.00 " N LAT.

96 ° 48 ' 18.00 " W LONG.

ANTENNA ID: 5 4.5 meters Andrew

ESA45-46A

4000.0000 - 4200.0000 MHz 36M0G7W

Digital Video, Audio, and Data

SITE ID: 1

LOCATION: 606 YOUNG STREET, Dallas, Dallas, TX
32 ° 46 ' 30.00 " N LAT.

96 ° 48 ' 18.00 " W LONG.

ANTENNA ID: 6 7.3 meters Andrew

7.3 Meter ESA

4000.0000 - 4200.0000 MHz 36M0G7W

Digital Video, Audio, and Data

SITE ID: 1

LOCATION: 606 YOUNG STREET, Dallas, Dallas, TX
32 ° 46 ' 30.00 " N LAT.

96 ° 48 ' 18.00 " W LONG.

ANTENNA ID: 7 3.8 meters Comtech

934D0015-G2

4000.0000 - 4200.0000 MHz 36M0G7W

Digital Video, Audio, and Data

SITE ID: 1

LOCATION: 606 YOUNG STREET, Dallas, Dallas, TX
32 ° 46 ' 30.00 " N LAT.

96 ° 48 ' 18.00 " W LONG.

ANTENNA ID: 2 4.5 meters Andrew

ESA45-46A

4000.0000 - 4200.0000 MHz 36M0G7W

Digital Video, Audio, and Data

SITE ID: 1
LOCATION: 606 YOUNG STREET, Dallas, Dallas, TX
32 ° 46 ' 30.00 " N LAT. 96 ° 48 ' 18.00 " W LONG.

ANTENNA ID: 9 3.8 meters Comtech 934D0015-G2
4000.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, and Data

SITE ID: 1
LOCATION: 606 YOUNG STREET, Dallas, Dallas, TX
32 ° 46 ' 30.00 " N LAT. 96 ° 48 ' 18.00 " W LONG.

ANTENNA ID: 8 3.8 meters Comtech 934D0015-G2
4000.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, and Data

Points of Communication:

- 1 - PERMITTED LIST - ()
- 1 - PERMITTED LIST - ()
- 1 - PERMITTED LIST - ()
- 1 - PERMITTED LIST - ()
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- 1 - PERMITTED LIST - ()
- 1 - PERMITTED LIST - ()
- 1 - PERMITTED LIST - ()

SES-REG-20210128-00168 E E190208A King Broadcasting Company

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 4103 S. Regal Street, Spokane, Spokane, WA
47 ° 37 ' 1.70 " N LAT. 117 ° 22 ' 5.20 " W LONG.

ANTENNA ID: 2 7 meters Scientific Atlanta UNK
4000.0000 - 4200.0000 MHz 36M0G7W Digital Video, Audio, and Data

SITE ID: 1
LOCATION: 4103 S. Regal Street, Spokane, Spokane, WA
47 ° 37 ' 1.70 " N LAT. 117 ° 22 ' 4.40 " W LONG.

ANTENNA ID: 3 7 meters Scientific Atlanta 8029

4000.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, and Data
SITE ID: 1		
LOCATION: 4103 S. Regal Street, Spokane, Spokane, WA		
47 ° 36 ' 59.60 " N LAT.	117 ° 22 ' 1.00 " W LONG.	
ANTENNA ID: 4	3.6 meters	Satellite Exports UNK
4000.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, and Data
SITE ID: 1		
LOCATION: 4103 S. Regal Street, Spokane, Spokane, WA		
47 ° 36 ' 59.50 " N LAT.	117 ° 22 ' 1.50 " W LONG.	
ANTENNA ID: 6	3.6 meters	Satellite Exports UKN
4000.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, and Data
SITE ID: 1		
LOCATION: 4103 S. Regal Street, Spokane, Spokane, WA		
47 ° 36 ' 59.40 " N LAT.	117 ° 22 ' 1.20 " W LONG.	
ANTENNA ID: 7	3.8 meters	Comtech UKN
4000.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, and Data
SITE ID: 1		
LOCATION: 4103 S. Regal Street, Spokane, Spokane, WA		
47 ° 36 ' 59.20 " N LAT.	117 ° 22 ' 1.90 " W LONG.	
ANTENNA ID: 8	3.4 meters	Comtech UKN
4000.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, and Data
SITE ID: 1		
LOCATION: 4103 S. Regal Street, Spokane, Spokane, WA		
47 ° 36 ' 59.50 " N LAT.	117 ° 22 ' 2.00 " W LONG.	
ANTENNA ID: 5	3.8 meters	Comtech UKN
4000.0000 - 4200.0000 MHz	36M0G7W	Digital Video, Audio, and Data

Points of Communication:

- 1 - PERMITTED LIST - ()
- 1 - PERMITTED LIST - ()
- 1 - PERMITTED LIST - ()
- 1 - PERMITTED LIST - ()
- 1 - PERMITTED LIST - ()

1 - PERMITTED LIST - ()

1 - PERMITTED LIST - ()

SES-REG-20210128-00190 E E180881A CAPITOL BROADCASTING COMPANY, INC.

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: CRC 3.1M

LOCATION: 3100 Highwoods Blvd., NC, Raleigh, NC

35 ° 49 ' 18.40 " N LAT.

78 ° 36 ' 19.50 " W LONG.

ANTENNA ID: CRC 3.1M 3.1 meters Patriot Ant Sys.

310AZ

4000.0000 - 4200.0000 MHz

36M0G7D

Digital Video and Audio

SITE ID: TG 3.1M

LOCATION: 3100 Highwoods Blvd., Suite 140, Wake, Raleigh, NC

35 ° 49 ' 17.90 " N LAT.

78 ° 36 ' 19.20 " W LONG.

ANTENNA ID: TG 3.1M 3.1 meters Patriot Ant Sys

310AZ

4000.0000 - 4200.0000 MHz

36M0G7D

Digital Video and Audio

SITE ID: VS 5.0M

LOCATION: 3100 Highwoods Blvd., Suite 140, Wake, Raleigh, NC

35 ° 49 ' 19.80 " N LAT.

78 ° 36 ' 17.80 " W LONG.

ANTENNA ID: VS 5.0M 5 meters RSI

500CS

4000.0000 - 4200.0000 MHz

36M0G7D

Digital Video and Audio

SITE ID: Simulsat 5

LOCATION: 3100 Highwoods Blvd., Suite 140, Wake, Raleigh, NC

35 ° 49 ' 20.00 " N LAT.

78 ° 36 ' 18.00 " W LONG.

ANTENNA ID: Simulsat 5 5 meters ATCI

SS5

4000.0000 - 4200.0000 MHz

36M0G7D

Digital Video and Audio

SITE ID: Comtech 3.8M

LOCATION: 3100 Highwoods Blvd., Suite 140, Wake, Raleigh, NC

35 ° 49 ' 19.60 " N LAT.

78 ° 36 ' 17.70 " W LONG.

ANTENNA ID: Comtech3.8 3.8 meters Comtech Ant Sys

3.8M

4000.0000 - 4200.0000 MHz

36M0G7D

Digital Video and Audio

SITE ID: CM 2.5M

LOCATION: 3100 Highwoods Blvd., Suite 140, Wake, Raleigh, NC

35 ° 49 ' 19.80 " N LAT.

78 ° 36 ' 17.40 " W LONG.

Points of Communication:

Points of Communication:

ANTENNA ID:	3	4.5 meters	DH Satellite	4.5 Gibraltar
4000.0000 - 4200.0000 MHz		36000F9	Analog Video, Audio, and Data	

SITE ID: 1
LOCATION: 645 Three Mile Road, NW, Kent, Grand Rapids, MI
43 ° 0 ' 52.00 " N LAT. 85 ° 41 ' 0.00 " W LONG.

ANTENNA ID:	4	4.5 meters	DH Satellite	4.5 Gibraltar
4000.0000 - 4200.0000 MHz		36000F9	Analog Video, Audio, and Data	

Points of Communication:

1 - PERMITTED LIST - ()
1 - PERMITTED LIST - ()
1 - PERMITTED LIST - ()

SES-REG-20210129-00189 E E060176A KVUE Television, Inc.
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 3201 STECK AVENUE, Travis, Austin, TX
30 ° 21 ' 56.10 " N LAT. 97 ° 44 ' 16.60 " W LONG.

ANTENNA ID:	2	7.3 meters	Andrew	ES73-1
4000.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, and Data	
ANTENNA ID:	3	7.3 meters	Andrew	ES73-1
4000.0000 - 4200.0000 MHz		36M0G7W	Digital Video, Audio, and Data	

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20210201-00191 E E180612A GRIFFIN LICENSING, L.L.C.
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: SS TVRO 1
LOCATION: 2412 Oklahoma 97, Tulsa, Sand Springs, OK
36 ° 11 ' 24.27 " N LAT. 96 ° 5 ' 51.24 " W LONG.

ANTENNA ID:	TVRO1	4.6 meters	Scientific Atlanta	8346
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4000.0000 - 4200.0000 MHz		36M0G7W		NULL
SITE ID:	SS TVRO 4			
LOCATION:	2412 Oklahoma 97, Sand Springs, OK		96 ° 5 ' 51.22 " W LONG.	
	36 ° 11 ' 24.90 " N LAT.			
ANTENNA ID:	TVRO4	4.5 meters	Patriot	PRT 450
4000.0000 - 4200.0000 MHz		36M0G7W		NULL
SITE ID:	SS TVRO 2			
LOCATION:	2412 Oklahoma 97, Tulsa, Sand Springs, OK		96 ° 5 ' 51.64 " W LONG.	
	36 ° 11 ' 24.28 " N LAT.			
ANTENNA ID:	TVRO2	4.5 meters	Patriot	PRT 450
4000.0000 - 4200.0000 MHz		36M0G7W		NULL
Points of Communication:				
SS TVRO 1 - PERMITTED LIST - ()				
SS TVRO 2 - PERMITTED LIST - ()				
SS TVRO 4 - PERMITTED LIST - ()				
SES-REG-20210201-00192		E E7891A	GRIFFIN LICENSING, L.L.C.	
Registration				
Class of Station:	Fixed Earth Stations			
Nature of Service:	Fixed Satellite Service			
SITE ID:	1			
LOCATION:	7401 North Kelley, Oklahoma, Oklahoma City, OK		97 ° 29 ' 46.83 " W LONG.	
	35 ° 32 ' 52.11 " N LAT.			
ANTENNA ID:	Netwrk Bck	4.5 meters	Unknown	Unknown
4000.0000 - 4200.0000 MHz		36M0G7D		NULL
SITE ID:	2			
LOCATION:	7401 North Kelley, Oklahoma, Oklahoma City, OK		97 ° 29 ' 46.19 " W LONG.	
	35 ° 32 ' 52.06 " N LAT.			
ANTENNA ID:	C-Ku Steer	4.5 meters	Unknown	Unknown
4000.0000 - 4200.0000 MHz		36M0G7D		NULL
SITE ID:	4			
LOCATION:	7401 North Kelley, Oklahoma, Oklahoma City, OK		97 ° 29 ' 49.41 " W LONG.	
	35 ° 32 ' 56.94 " N LAT.			
ANTENNA ID:	C-KuDish 3	4 meters	Unknown	Unknown

4000.0000 - 4200.0000 MHz	36M0G7D	NULL
SITE ID: 5		
LOCATION: 7401 North Kelley, Oklahoma, Oklahoma City, OK		
35 ° 32 ' 57.14 " N LAT.	97 ° 29 ' 49.16 " W LONG.	
ANTENNA ID: C-Dish 4	4 meters	Unknown
Unknown		Unknown
4000.0000 - 4200.0000 MHz	36M0G7D	NULL
SITE ID: 6		
LOCATION: 7401 North Kelley, Oklahoma, Oklahoma City, OK		
35 ° 32 ' 51.93 " N LAT.	97 ° 29 ' 47.23 " W LONG.	
ANTENNA ID: C	3 meters	Unknown
Unknown		Unknown
4000.0000 - 4200.0000 MHz	36M0G7D	NULL
SITE ID: 7		
LOCATION: 7401 North Kelley, Oklahoma, Oklahoma City, OK		
35 ° 32 ' 51.95 " N LAT.	97 ° 29 ' 47.68 " W LONG.	
ANTENNA ID: C	3 meters	Unknown
Unknown		Unknown
4000.0000 - 4200.0000 MHz	36M0G7D	NULL
SITE ID: 3		
LOCATION: 7401 North Kelley, Oklahoma, Oklahoma City, OK		
35 ° 32 ' 57.20 " N LAT.	97 ° 29 ' 49.46 " W LONG.	
ANTENNA ID: C-KuDish 2	4 meters	Unknown
Unknown		Unknown
4000.0000 - 4200.0000 MHz	36M0G7D	NULL

Points of Communication:

- 1 - PERMITTED LIST - ()
- 2 - PERMITTED LIST - ()
- 3 - PERMITTED LIST - ()
- 4 - PERMITTED LIST - ()
- 5 - PERMITTED LIST - ()
- 6 - PERMITTED LIST - ()
- 7 - PERMITTED LIST - ()

SES-REG-20210203-00212 E E070177A CAPITOL BROADCASTING COMPANY, INC.
Registration
Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: B1

LOCATION: 2619 Western Blvd., Wake, Raleigh, NC
35 ° 46 ' 46.83 " N LAT.

78 ° 40 ' 28.85 " W LONG.

ANTENNA ID: B1 3.7 meters Eagle Com Inc. 3.7M

4000.0000 - 4200.0000 MHz 36M0G7D Digital Video and Audio

SITE ID: C1

LOCATION: 2619 Western Blvd., Wake, Raleigh, NC
35 ° 46 ' 46.75 " N LAT.

78 ° 40 ' 28.77 " W LONG.

ANTENNA ID: C1 3.7 meters Eagle Com Inc. 3.7M

4000.0000 - 4200.0000 MHz 36M0G7D Digital Video and Audio

SITE ID: E1

LOCATION: 2619 Western Blvd., Wake, Raleigh, NC
35 ° 46 ' 46.70 " N LAT.

78 ° 40 ' 29.27 " W LONG.

ANTENNA ID: E1 3 meters Prodelin 3.0M

4000.0000 - 4200.0000 MHz 36M0G7D Digital Video and Audio

SITE ID: F1

LOCATION: 2619 Western Blvd., Wake, Raleigh, NC
35 ° 46 ' 46.74 " N LAT.

78 ° 40 ' 29.09 " W LONG.

ANTENNA ID: F1 3.7 meters Eagle Com Inc. 3.7M

4000.0000 - 4200.0000 MHz 36M0G7D Digital Video and Audio

SITE ID: G1

LOCATION: 2619 Western Blvd., Wake, Raleigh, NC
35 ° 46 ' 46.62 " N LAT.

78 ° 40 ' 28.52 " W LONG.

ANTENNA ID: G1 3.7 meters Eagle Com Inc. 3.7M

4000.0000 - 4200.0000 MHz 36M0G7D Digital Video and Audio

SITE ID: R1

LOCATION: 2619 Western Blvd., Wake, Raleigh, NC
35 ° 46 ' 46.90 " N LAT.

78 ° 40 ' 28.86 " W LONG.

ANTENNA ID: R1 4.5 meters DH Satellite 4.5M

4000.0000 - 4200.0000 MHz 36M0G7D Digital Video and Audio

SITE ID: S1
LOCATION: 2619 Western Blvd., Wake, Raleigh, NC
35 ° 46 ' 46.86 " N LAT. 78 ° 40 ' 28.67 " W LONG.

ANTENNA ID: S1 4.5 meters Andrew 4.5M
4000.0000 - 4200.0000 MHz 36M0G7D Digital Video and Audio

SITE ID: D1
LOCATION: 2619 Western Blvd., Wake, Raleigh, NC
35 ° 46 ' 46.69 " N LAT. 78 ° 40 ' 28.59 " W LONG.

ANTENNA ID: D1 3.7 meters Eagle Com Inc. 3.7M
4000.0000 - 4200.0000 MHz 36M0G7D Digital Video and Audio

SITE ID: T1
LOCATION: 2619 Western Blvd., Wake, Raleigh, NC
35 ° 46 ' 46.83 " N LAT. 78 ° 40 ' 28.52 " W LONG.

ANTENNA ID: T1 4.5 meters Andrew 4.5M
4000.0000 - 4200.0000 MHz 36M0G7D Digital Video and Audio

Points of Communication:

B1 - PERMITTED LIST - ()

C1 - PERMITTED LIST - ()

D1 - PERMITTED LIST - ()

E1 - PERMITTED LIST - ()

F1 - PERMITTED LIST - ()

G1 - PERMITTED LIST - ()

R1 - PERMITTED LIST - ()

S1 - PERMITTED LIST - ()

T1 - PERMITTED LIST - ()

SES-REG-20210211-00294 E E181700A Comcast Cable Communications Management, LLC
Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 320 Union Avenue, Putnam, Crescent City, FL
29 ° 28 ' 19.40 " N LAT. 81 ° 32 ' 12.90 " W LONG.

ANTENNA ID:	4	4.5 meters	Scientific-Atlanta	4.5 meter
3700.0000 - 4200.0000 MHz		36M0G7W		Digital Video Carrier
ANTENNA ID:	5	4.5 meters	Microdyne	4.5 meter
3700.0000 - 4200.0000 MHz		36M0G7W		Digital Video Carrier
ANTENNA ID:	6	5 meters	Microdyne	5 meter
3700.0000 - 4200.0000 MHz		36M0G7W		Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20210211-00295 E E181820A Comcast Cable Communications Management, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 7

LOCATION: 1260 Halcyondale Road, Screven, Sylvania, GA
32 ° 42 ' 30.80 " N LAT. 81 ° 37 ' 37.90 " W LONG.

ANTENNA ID:	7	7 meters	Scientific-Atlanta	7 meter
3700.0000 - 4200.0000 MHz		36M0G7W		Digital Video Carrier

Points of Communication:

7 - PERMITTED LIST - ()

SES-REG-20210211-00296 E E181809A Comcast Cable Communications Management, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 11

LOCATION: 4565 Bostic Mill Road, Jefferson, Louisville, GA
32 ° 56 ' 59.50 " N LAT. 82 ° 24 ' 3.40 " W LONG.

ANTENNA ID:	11	5 meters	Scientific-Atlanta	5 meter
3700.0000 - 4200.0000 MHz		36M0G7W		Digital Video Carrier

SITE ID: 10

LOCATION: 4565 Bostic Mill Road, Jefferson, Louisville, GA
32 ° 56 ' 59.70 " N LAT. 82 ° 24 ' 3.50 " W LONG.

ANTENNA ID:	10	2.8 meters	Scientific-Atlanta	9000
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3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
Points of Communication:		
10 - PERMITTED LIST - ()		
11 - PERMITTED LIST - ()		
SES-REG-20210211-00298 E E181810A Comcast Cable Communications Management, LLC		
Registration		
Class of Station:	Fixed Earth Stations	
Nature of Service:	Fixed Satellite Service	
SITE ID:	6	
LOCATION:	908 Belfast Road, Newberry, Newberry, SC	
	34 ° 15 ' 48.20 " N LAT.	81 ° 39 ' 18.10 " W LONG.
ANTENNA ID:	8	5.9 meters Scientific-Atlanta 5.9 meter
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
SITE ID:	7	
LOCATION:	908 Belfast Road, Newberry, Newberry, SC	
	34 ° 15 ' 48.10 " N LAT.	81 ° 39 ' 17.90 " W LONG.
ANTENNA ID:	9	2.8 meters Scientific-Atlanta 9000
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
SITE ID:	8	
LOCATION:	908 Belfast Road, Newberry, Newberry, SC	
	34 ° 15 ' 47.90 " N LAT.	81 ° 39 ' 18.30 " W LONG.
ANTENNA ID:	10	4.5 meters Scientific-Atlanta 8345
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
SITE ID:	10	
LOCATION:	908 Belfast Road, Newberry, Newberry, SC	
	34 ° 15 ' 47.80 " N LAT.	81 ° 39 ' 17.90 " W LONG.
ANTENNA ID:	12	5.5 meters Scientific-Atlanta 5.5 meter
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
SITE ID:	11	
LOCATION:	908 Belfast Road, Newberry, Newberry, SC	
	34 ° 15 ' 47.70 " N LAT.	81 ° 39 ' 18.20 " W LONG.
ANTENNA ID:	13	3.1 meters Patriot PRT-05369A
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier

SITE ID: 12
 LOCATION: 908 Belfast Road, Newberry, Newberry, SC
 34 ° 15 ' 47.60 " N LAT. 81 ° 39 ' 19.00 " W LONG.

ANTENNA ID: 14 3.8 meters Patriot PRT-380
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

SITE ID: 13
 LOCATION: 908 Belfast Road, Newberry, Newberry, SC
 34 ° 15 ' 47.60 " N LAT. 81 ° 39 ' 17.80 " W LONG.

ANTENNA ID: 15 2.8 meters Scientific-Atlanta 2.8 meter
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

SITE ID: 9
 LOCATION: 908 Belfast Road, Newberry, Newberry, SC
 34 ° 15 ' 47.90 " N LAT. 81 ° 39 ' 18.10 " W LONG.

ANTENNA ID: 11 3.8 meters Comtech EC-8
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

- 10 - PERMITTED LIST - ()
- 11 - PERMITTED LIST - ()
- 12 - PERMITTED LIST - ()
- 13 - PERMITTED LIST - ()
- 6 - PERMITTED LIST - ()
- 7 - PERMITTED LIST - ()
- 8 - PERMITTED LIST - ()
- 9 - PERMITTED LIST - ()

SES-REG-20210211-00304 E E181160A Comcast Cable Communications Management, LLC
 Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1
 LOCATION: 140 Fire Tower Road, Morgan, Burrville, TN
 36 ° 17 ' 48.30 " N LAT. 84 ° 45 ' 1.50 " W LONG.

ANTENNA ID: 2 4 meters Patriot 4 M AL

3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 3	3.2 meters Comtech	FG
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 4	3.8 meters Scientific-Atlanta	3.8 FG
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 5	4 meters Comtech	4M FG
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
Points of Communication:		
1 - PERMITTED LIST - ()		
SES-REG-20210211-00305	E E190871A	Comcast Cable Communications Management, LLC
Registration		
Class of Station:	Fixed Earth Stations	
Nature of Service:	Fixed Satellite Service	
SITE ID:	9	
LOCATION:	1424 Monte Sano Avenue, Richmond, Augusta, GA	
	33 ° 28 ' 17.40 " N LAT.	82 ° 1 ' 39.10 " W LONG.
ANTENNA ID: 9	3.8 meters Patriot	PRT-380
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
Points of Communication:		
9 - PERMITTED LIST - ()		
SES-REG-20210211-00312	E E181703A	Comcast Cable Communications Management, LLC
Registration		
Class of Station:	Fixed Earth Stations	
Nature of Service:	Fixed Satellite Service	
SITE ID:	1	
LOCATION:	5720 Asheville Hwy, Knox, Knoxville, TN	
	36 ° 0 ' 34.10 " N LAT.	83 ° 50 ' 15.90 " W LONG.
ANTENNA ID: 3	3.8 meters Patriot	3.8 meter
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
SITE ID:	2	
LOCATION:	100 B. Sharp's Ridge Memorial Drive, Knox, Knoxville, TN	
	36 ° 0 ' 3.40 " N LAT.	83 ° 57 ' 3.20 " W LONG.

ANTENNA ID:	4	5 meters	Antenna For Comm	5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	5	5 meters	Anixter	5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	6	4.5 meters	Scientific-Atlanta	4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	7	4.5 meters	Prodelin	4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	8	3.2 meters	Scientific-Atlanta	3.2 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

2 - PERMITTED LIST - ()

SES-REG-20210211-00314 E E181822A Comcast Cable Communications Management, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: Coletown Road, Summer, Westmoreland, TN

36 ° 33 ' 14.00 " N LAT.

86 ° 15 ' 36.00 " W LONG.

ANTENNA ID:	3	3.6 meters	Patriot	3.6 meter
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	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
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Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20210211-00315 E E181714A Comcast Cable Communications Management, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 600 Northwest Building, Alachua, Waldo, FL

29 ° 47 ' 42.30 " N LAT.

82 ° 10 ' 17.40 " W LONG.

ANTENNA ID:	2	3.2 meters	Scientific-Atlanta	3.2 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	3	3.7 meters	Scientific-Atlanta	3.7 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	4	5 meters	AFC	5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20210211-00316 E E181701A Comcast Cable Communications Management, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 4

LOCATION: 173 Jeffery Duplantis Road, Terrebonne, Houma, LA
29 ° 37 ' 34.70 " N LAT. 90 ° 45 ' 26.90 " W LONG.

ANTENNA ID:	9	4.5 meters	Scientific-Atlanta	8345
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	10	4.5 meters	Patriot	4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	11	4.5 meters	Comtech	4.5 meter
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

4 - PERMITTED LIST - ()

SES-REG-20210211-00317 E E180478A Comcast Cable Communications Management, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 69 Rockbridge Way, Rockbridge, Goshen, VA
37 ° 58 ' 59.90 " N LAT. 79 ° 30 ' 16.00 " W LONG.

ANTENNA ID:	2	3.8 meters	Scientific-Atlanta	3.8 meter
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3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
Points of Communication:		
1 - PERMITTED LIST - ()		
SES-REG-20210211-00319 E E181218A Comcast Cable Communications Management, LLC		
Registration		
Class of Station:	Fixed Earth Stations	
Nature of Service:	Fixed Satellite Service	
SITE ID:	2	
LOCATION:	1009 La Venra, Mobile, DAUPHIN ISLAND, AL	
	30 ° 15 ' 24.00 " N LAT.	88 ° 6 ' 50.00 " W LONG.
ANTENNA ID:	2	4.5 meters Scientific-Atlanta 8000_1
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
Points of Communication:		
2 - PERMITTED LIST - ()		
SES-REG-20210211-00321 E E180650A Comcast Cable Communications Management, LLC		
Registration		
Class of Station:	Fixed Earth Stations	
Nature of Service:	Fixed Satellite Service	
SITE ID:	1	
LOCATION:	73 Rock Avenue, Union, Plainfield, NJ	
	40 ° 35 ' 57.00 " N LAT.	74 ° 27 ' 27.00 " W LONG.
ANTENNA ID:	3	4.6 meters SCIENTIFIC-ATLANTA 8346
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID:	4	5 meters DH G4
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
Points of Communication:		
1 - PERMITTED LIST - ()		
SES-REG-20210211-00324 E E190147A Comcast Cable Communications Management, LLC		
Registration		
Class of Station:	Fixed Earth Stations	
Nature of Service:	Fixed Satellite Service	

SITE ID: 1
LOCATION: 2096 N. Gateway Blvd, Fresno, Fresno, CA
36 ° 46 ' 8.00 " N LAT. 119 ° 43 ' 25.00 " W LONG.

ANTENNA ID: 2 3.7 meters Scientific-Atlanta 9037

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20210211-00326 E E182042A Comcast Cable Communications Management, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 200 SW 114th Street, King, Seattle, WA
47 ° 30 ' 5.90 " N LAT. 122 ° 20 ' 12.90 " W LONG.

ANTENNA ID: 2 4.5 meters Scientific-Atlanta 8345PF

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20210211-00327 E E180664A Comcast Cable Communications Management, LLC
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 660 Munford Road, Charles City, Providence Forge, VA
37 ° 23 ' 5.80 " N LAT. 77 ° 3 ' 36.10 " W LONG.

ANTENNA ID: 2 3.8 meters Patriot 3.8

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

ANTENNA ID: 3 4.8 meters Patriot 4.8 meter

3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1555 Suzy Street ., Lebanon, Lebanon, PA
40 ° 21 ' 20.00 " N LAT.

76 ° 23 ' 25.00 " W LONG.

ANTENNA ID: 2 5 meters Comtech Ant Corp C50F-2Cx2

3700.0000 - 4200.0000 MHz 36M0G7W Modulation and Services Digital Video Carrier

ANTENNA ID: 3 3.8 meters Comtech Ant Corp C38F-4CK

3700.0000 - 4200.0000 MHz 36M0G7W Modulation and Services Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20210212-00306 E KH33A Comcast of New Mexico, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 2633 Tennessee, N.E., Bernalillo, Albuquerque, NM
35 ° 6 ' 39.00 " N LAT.

103 ° 33 ' 28.00 " W LONG.

ANTENNA ID: 2 4.5 meters SCIENTIFIC ATLANTA, INC. 8345

3700.0000 - 4200.0000 MHz 36M0G7W Modulation and Services Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20210212-00308 E E3329A Comcast of Florida/Michigan/New Mexico/Pennsylvania/Washington, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 1710 Patty Circle NE, Brevard, Palm Bay, FL
28 ° 2 ' 29.10 " N LAT.

80 ° 36 ' 46.90 " W LONG.

ANTENNA ID: 4 5 meters SCIENTIFIC ATLANTA, INC. 5.0 Meter

3700.0000 - 4200.0000 MHz 36M0G7W Modulation and Services Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20210212-00309 E E010330A Comcast of Arizona, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 8251 North Cortaro Road, Pima, Tucson, AZ

32 ° 21 ' 26.60 " N LAT.

111 ° 5 ' 38.00 " W LONG.

ANTENNA ID: 2 4.5 meters SCIENTIFIC ATLANTA, INC. 8345

3700.0000 - 4200.0000 MHz

36M0G7W

Modulation and Services Digital Video
Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20210212-00310 E E2734A Comcast of Florida/Michigan/New Mexico/Pennsylvania/Washington, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 940 12TH STREET, Indian River, Vero Beach, FL

27 ° 37 ' 31.20 " N LAT.

80 ° 23 ' 33.80 " W LONG.

ANTENNA ID: 3 6 meters SCIENTIFIC ATLANTA, INC. 6 METER

3700.0000 - 4200.0000 MHz

36M0G7W

Modulation and Services Digital Video
Carrier

ANTENNA ID: 4 4.5 meters SCIENTIFIC ATLANTA, INC. 8345

3700.0000 - 4200.0000 MHz

36M0G7W

Modulation and Services Digital Video
Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20210212-00311 E E100049A Comcast of Alabama, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 2
 LOCATION: 2047 Max Luther Drive NW, Madison, Huntsville, AL
 34 ° 45 ' 23.30 " N LAT. 86 ° 35 ' 48.20 " W LONG.

ANTENNA ID: 2 4.5 meters SCIENTIFIC ATLANTA, INC. 8345
 3700.0000 - 4200.0000 MHz 36M0G7W Modulation and Services Digital Video Carrier

SITE ID: 3
 LOCATION: 2047 Max Luther Drive NW, Madison, Huntsville, AL
 34 ° 45 ' 23.60 " N LAT. 86 ° 35 ' 47.90 " W LONG.

ANTENNA ID: 3 4.5 meters SCIENTIFIC ATLANTA, INC. 8345
 3700.0000 - 4200.0000 MHz 36M0G7W Modulation and Services Digital Video Carrier

SITE ID: 4
 LOCATION: 2047 Max Luther Drive NW, Madison, Huntsville, AL
 34 ° 45 ' 23.90 " N LAT. 86 ° 35 ' 47.80 " W LONG.

ANTENNA ID: 4 4.5 meters SCIENTIFIC ATLANTA, INC. 8645
 3700.0000 - 4200.0000 MHz 36M0G7W Modulation and Services Digital Video Carrier

SITE ID: 5
 LOCATION: 2047 Max Luther Drive NW, Madison, Huntsville, AL
 34 ° 45 ' 23.80 " N LAT. 86 ° 35 ' 47.50 " W LONG.

ANTENNA ID: 5 4.5 meters SCIENTIFIC ATLANTA, INC. 8645
 3700.0000 - 4200.0000 MHz 36M0G7W Modulation and Services Digital Video Carrier

SITE ID: 6
 LOCATION: 2047 Max Luther Drive NW, Madison, Huntsville, AL
 34 ° 45 ' 24.10 " N LAT. 86 ° 35 ' 47.50 " W LONG.

ANTENNA ID: 6 4.5 meters SCIENTIFIC ATLANTA, INC. 8645
 3700.0000 - 4200.0000 MHz 36M0G7W Digital Video Carrier

Points of Communication:

- 2 - PERMITTED LIST - ()
- 3 - PERMITTED LIST - ()
- 4 - PERMITTED LIST - ()
- 5 - PERMITTED LIST - ()

6 - PERMITTED LIST - ()

SES-REG-20210212-00313 E KD80A Comcast Cable Communications Management, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 405 Kiroli Road, OUACHITA, WEST MONROE, LA
32 ° 32 ' 10.00 " N LAT. 92 ° 9 ' 51.00 " W LONG.

ANTENNA ID:	3	4.6 meters	Scientific-Atlanta	8346
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier
ANTENNA ID:	4	5 meters	Anixter	S4020001
	3700.0000 - 4200.0000 MHz		36M0G7W	Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20210212-00318 E E970151A Comcast of Missouri, LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 4700 Selsa Road, Jackson, Independence, MO
31 ° 1 ' 59.00 " N LAT. 94 ° 20 ' 59.00 " W LONG.

ANTENNA ID:	1	4.5 meters	SCIENTIFIC ATLANTA, INC.	S40451
	3700.0000 - 4200.0000 MHz		36M0G7W	Modulation and Services Digital Video Carrier
ANTENNA ID:	2	4.5 meters	SCIENTIFIC ATLANTA, INC.	S40451
	3700.0000 - 4200.0000 MHz		36M0G7W	Modulation and Services Digital Video Carrier
ANTENNA ID:	3	3.7 meters	PRODELIN	3.7M
	3700.0000 - 4200.0000 MHz		36M0G7W	Modulation and Services Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

3700.0000 - 4200.0000 MHz	36M0G7W	Modulation and Services Digital Video Carrier
ANTENNA ID: 3	3.7 meters GD	3.7M
3700.0000 - 4200.0000 MHz	36M0G7W	Modulation and Services Digital Video Carrier
Points of Communication:		
1 - PERMITTED LIST - ()		
SES-REG-20210212-00328 E E5929A Comcast of California/Colorado/Illinois/Indiana/Michigan, LLC		
Registration		
Class of Station: Fixed Earth Stations		
Nature of Service: Fixed Satellite Service		
SITE ID: 1		
LOCATION: END OF PEORIA STREET, Ford, Piper City, IL		
40 ° 45 ' 27.10 " N LAT. 88 ° 11 ' 46.30 " W LONG.		
ANTENNA ID: 2	4.5 meters Scientific Atlanta	4.5 meter
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 3	3.8 meters Comtech	3.8 Meter
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
ANTENNA ID: 4	3.7 meters Patriot	3.7 meter
3700.0000 - 4200.0000 MHz	36M0G7W	Digital Video Carrier
Points of Communication:		
1 - PERMITTED LIST - ()		
SES-REG-20210212-00329 E E4756A Comcast of Illinois XI, LLC		
Registration		
Class of Station: Fixed Earth Stations		
Nature of Service: Fixed Satellite Service		
SITE ID: 1		
LOCATION: 350 N Wolf Road, Cook, Mt Prospect, IL		
42 ° 4 ' 29.00 " N LAT. 87 ° 55 ' 4.00 " W LONG.		
ANTENNA ID: 4	4.6 meters Scientific Atlanta	8346
3700.0000 - 4200.0000 MHz	36M0G7W	Modulation and Services Digital Video Carrier
ANTENNA ID: 1	5 meters Anixter Mark	5M

3700.0000 - 4200.0000 MHz	36M0G7W	Modulation and Services Digital Video Carrier
ANTENNA ID: 2	3.8 meters Patriot	PRT-380
3700.0000 - 4200.0000 MHz	36M0G7W	Modulation and Services Digital Video Carrier
ANTENNA ID: 3	4.5 meters Scientific Atlanta	8345
3700.0000 - 4200.0000 MHz	36M0G7W	Modulation and Services Digital Video Carrier

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20210303-00417 E E060308A Ace Telephone Association

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: 1

LOCATION: 901 Enterprise Drive, Fillmore, Rushford, MN

43 ° 49 ' 17.50 " N LAT.

91 ° 45 ' 51.60 " W LONG.

ANTENNA ID: Ant 2	5 meters ATci	Simulsat 5
3720.0000 - 4180.0000 MHz	36M0F8W	QPSK Modulation of video services
ANTENNA ID: Ant 4	5 meters ATci	Simulsat 5
3720.0000 - 4180.0000 MHz	36M0F8W	QPSK Modulation of video services
ANTENNA ID: Ant 5	5 meters ATci	Simulsat 5
3720.0000 - 4180.0000 MHz	36M0F8W	QPSK Modulation of video services
ANTENNA ID: Ant 6	5 meters ATci	Simulsat 5
3720.0000 - 4180.0000 MHz	36M0F8W	QPSK Modulation of video services
ANTENNA ID: Ant 7	5 meters ATci	Simulsat 5
3720.0000 - 4180.0000 MHz	36M0F8W	QPSK Modulation of video services
ANTENNA ID: Ant 8	5 meters ATci	Simulsat 5
3720.0000 - 4180.0000 MHz	36M0F8W	QPSK Modulation of video services
ANTENNA ID: Ant 9	5 meters ATci	Simulsat 5

	3720.0000 - 4180.0000 MHz		36M0F8W	QPSK Modulation of video services
ANTENNA ID:	Ant 10	5 meters	ATci	Simulsat 5
	3720.0000 - 4180.0000 MHz		36M0F8W	QPSK Modulation of video services
ANTENNA ID:	Ant 11	5 meters	ATci	Simulsat 5
	3720.0000 - 4180.0000 MHz		36M0F8W	QPSK Modulation of video services
ANTENNA ID:	Ant 12	5 meters	ATci	Simulsat 5
	3720.0000 - 4180.0000 MHz		36M0F8W	QPSK Modulation of video services
ANTENNA ID:	Ant 13	5 meters	ATci	Simulsat 5
	3720.0000 - 4180.0000 MHz		36M0F8W	QPSK Modulation of video services
ANTENNA ID:	Ant 14	5 meters	ATci	Simulsat 5
	3720.0000 - 4180.0000 MHz		36M0F8W	QPSK Modulation of video services
ANTENNA ID:	Ant 15	5 meters	ATci	Simulsat 5
	3720.0000 - 4180.0000 MHz		36M0F8W	QPSK Modulation of video services
ANTENNA ID:	Ant 16	5 meters	ATci	Simulsat 5
	3720.0000 - 4180.0000 MHz		36M0F8W	QPSK Modulation of video services
ANTENNA ID:	Ant 17	5 meters	ATci	Simulsat 5
	3720.0000 - 4180.0000 MHz		36M0F8W	QPSK Modulation of video services
ANTENNA ID:	Ant 18	5 meters	ATci	Simulsat 5
	3720.0000 - 4180.0000 MHz		36M0F8W	QPSK Modulation of video services
ANTENNA ID:	Ant 19	5 meters	ATci	Simulsat 5
	3720.0000 - 4180.0000 MHz		36M0F8W	QPSK Modulation of video services
ANTENNA ID:	Ant 20	5 meters	ATci	Simulsat 5
	3720.0000 - 4180.0000 MHz		36M0F8W	QPSK Modulation of video services
ANTENNA ID:	Ant 21	5 meters	ATci	Simulsat 5
	3720.0000 - 4180.0000 MHz		36M0F8W	QPSK Modulation of video services
ANTENNA ID:	Ant 22	5 meters	ATci	Simulsat 5

3720.0000 - 4180.0000 MHz	36M0F8W	QPSK Modulation of video services
ANTENNA ID: Ant 23	5 meters ATci	Simulsat 5
3720.0000 - 4180.0000 MHz	36M0F8W	QPSK Modulation of video services
ANTENNA ID: Ant 24	5 meters ATci	Simulsat 5
3720.0000 - 4180.0000 MHz	36M0F8W	QPSK Modulation of video services
ANTENNA ID: Ant 25	5 meters ATci	Simulsat 5
3720.0000 - 4180.0000 MHz	36M0F8W	QPSK Modulation of video services
ANTENNA ID: Ant 26	5 meters ATci	Simulsat 5
3720.0000 - 4180.0000 MHz	36M0F8W	QPSK Modulation of video services
ANTENNA ID: Ant 27	5 meters ATci	Simulsat 5
3720.0000 - 4180.0000 MHz	36M0F8W	QPSK Modulation of video services
ANTENNA ID: Ant 28	5 meters ATci	Simulsat 5
3720.0000 - 4180.0000 MHz	36M0F8W	QPSK Modulation of video services
ANTENNA ID: Ant 29	5 meters ATci	Simulsat 5
3720.0000 - 4180.0000 MHz	36M0F8W	QPSK Modulation of video services
ANTENNA ID: Ant 30	5 meters ATci	Simulsat 5
3720.0000 - 4180.0000 MHz	36M0F8W	QPSK Modulation of video services

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20210303-00418 E E060308A Ace Telephone Association
Registration
Class of Station: Fixed Earth Stations
Nature of Service: Fixed Satellite Service

SITE ID: 1
LOCATION: 901 Enterprise Drive, Fillmore, Rushford, MN
43 ° 49 ' 17.50 " N LAT. 91 ° 45 ' 51.60 " W LONG.

ANTENNA ID: Ant 3	5 meters	ANTENNA TECH CORP	SIMULSAT
3720.0000 - 4180.0000 MHz	36M0F8W	QPSK Modulation of video services	

Points of Communication:

1 - PERMITTED LIST - ()

SES-REG-20210407-00618 E E181463A NBC Telemundo License LLC

Registration

Class of Station: Fixed Earth Stations

Nature of Service: Fixed Satellite Service

SITE ID: MtWilson

LOCATION: 4 Video Road, Los Angeles, Mount Wilson, CA

34 ° 13 ' 30.97 " N LAT.

118 ° 3 ' 52.86 " W LONG.

ANTENNA ID: KNBC-TX2 4.5 meters EASi 4.5 METER

3700.0000 - 4200.0000 MHz

36M0G7W

Phase modulation with digital video,
audio, and data

Points of Communication:

MtWilson - PERMITTED LIST - ()

SES-STA-20200724-00795 E WB36 Marlink, Inc.

Special Temporary Authority

Class of Station:

Marlink, Inc. requests special temporary authority for 180 days, to continue to operate ESV antenna types: Thrane & Thrane Model TT7080A "Sailor 800A", Intellian Model "V150NX", Intellian Model "V85NX", Intellian Model "V80e", Intellian Model "V100NX", Intellian Model "V130NX", Intellian Model "V240MTKu", Intellian Model "V240MT Gen2Ku", and SeaTel Model "2400Ku" with the following satellites: EUTELSAT 172B @ 172 E.L., Call Sign S3021, GALAXY 11 @ 93.1 W. L., Call Sign S2253, GALAXY 19 @ 97 W. L., Call Sign S2647, GALAXY 3C @ 95.05 W. L., Call Sign S2381, HORIZONS-3E @ 169 E. L., Call Sign S2947, INTELSAT 14 @ 45 W. L., Call Sign S2785, INTELSAT 19 @ 166 E. L., Call Sign S2850, INTELSAT 21 @ 58 W. L., Call Sign S2863, INTELSAT 23 @ 53 W. L., Call Sign S2831, INTELSAT 32e/Sky B-1 @ 43.15 W. L., Call Sign S2922, INTELSAT 34 @ 55 W.L., Call Sign S2915, INTELSAT 37e @ 18 W. L., Call Sign S2972, INTELSAT 904 @ 29.5 W. L., Call Sign S2408, INTELSAT 907 @ 27.5 W. L., Call Sign S2411, SES-4 @ 22 W. L., Call Sign S2828, and TELSTAR 12V @ 15 W. L., Call Sign S2933 in the following frequency bands: 10.7-12.2 MHz, 17.8-19.4 GHz, 19.6-20.2 GHz (space-to-Earth) and 14.0-14.5, 28350 29100, 29250 30000 GHz (Earth -to- space) frequency bands. All operations must comply with limits submitted in IBFS application file number SES-MOD-202000528-00575. Operations are authorized under a non-protected and non-interference basis and without prejudice to FCC action on IBFS application file number SES-MOD-202000528-00575.

Points of Communication:

For more information concerning this Notice, contact the Satellite Division at 418-0719; TTY 1-888-835-5322.