

Schedule S Dashboard

Drafted Applications

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DRAFT 0 **SUBMITTED** 1

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* Description:

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	Operating Frequency Bands
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	Non-Geostationary Satellite Orbital Information
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Satellite Information

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* Select Orbit Type:

GSO
 NGSO

* Space Station or Satellite Network Name:

* Estimated Lifetime of Satellite(s) From Date of Launch:

 Years

* Will the space station(s) operate on a Common Carrier basis?

Yes No [Clear](#)

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APPLICATION SECTIONS

✓ Filing Description

→ **Satellite Information**

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Operating Frequency Bands

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Add Frequency Band

The list of Operating Frequency Bands is empty.
Please click the Add Frequency Band button to enter the required information.

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Add/Edit Operating Frequency Bands

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Nature of Service:

* Select Nature of Service:

Mobile-Satellite Service

Select...
17/24 GHz Broadcasting-Satellite Service
Digital Broadcast Service
Direct-to-Home in the Fixed-Satellite Service
Earth Exploration-Satellite Service
Fixed-Satellite Service
Mobile-Satellite Service
Radionavigation-Satellite Service
Satellite Digital Audio Radio Service

Frequency Band:

* Select Frequency Band:

Mode Type:

* Select Mode Type:

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Nature of Service:

* Select Nature of Service:

Fixed-Satellite Service

Frequency Band:

* Select Frequency Band:

- Select... MHz
- Select...
 - 3400.0-3600.0
 - 3600.0-3700.0
 - 3700.0-4200.0
 - 5850.0-5925.0
 - 5925.0-6425.0
 - 6425.0-6725.0
 - 6725.0-7025.0
 - 10700.0-10950.0
 - 10950.0-11200.0
 - 11200.0-11450.0
 - 11450.0-11700.0
 - 11700.0-12200.0
 - 12200.0-12750.0
 - 12750.0-13250.0
 - 13750.0-14000.0
 - 14000.0-14500.0
 - 18300.0-18800.0
 - 18800.0-19300.0
 - 19700.0-20200.0

Mode Type:

* Select Mode Type:

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Nature of Service:

* Select Nature of Service:

Fixed-Satellite Service

Frequency Band:

* Select Frequency Band:

3600.0-3700.0 MHz

Mode Type:

* Select Mode Type:

Receive

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Orbital Information For Geostationary Satellites

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Orbital Longitude Information

* Orbital Longitude: degrees

* Hemisphere of Orbital Longitude:

Longitudinal Tolerance or East/West Station-Keeping

* Toward West: degrees

* Toward East: degrees

Inclination Excursion or North/South Station-Keeping Tolerance

* Inclination Excursion or North/South Station-Keeping Tolerance: degrees

Antenna Axis Attitude Accuracy

* Roll: degrees

* Pitch: degrees

* Yaw: degrees

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Receiving Beam

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Add Beam

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Please click the Add Beam button to enter the required information.

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Add Receiving Beam

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Beam Information

* Beam ID:

* Receive Beam Frequency: * Lower Limit: MHz * Upper Limit: MHz

* Beam Type:

* Polarization:

* Peak Gain: dBi

* Antenna Pointing Error: degrees

* Antenna Rotational Error: degrees

* Polarization Alignment Relative to the Equatorial Plane: degrees

* Polarization Switchable: No Yes

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* Co- or Cross Polar Mode:

C
 X

* G/T at Max Gain Point:

dB/K

* Min Saturation Flux Density:

dBW/m²

* Max Saturation Flux Density:


dBW/m²

GSO Antenna Gain Data

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Service Area

Please attach the file for service area diagram [here](#)

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Receiving Beam

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Add Beam

TEST Delete Edit

Frequency:	5925.0 MHz -6200.0 MHz	Polarization Switchable:	No	Attachments
Beam Type:	Fixed	Polarization Alignment Relative ...	45.0°	View Attachments »
Polarization:	LHCP	G/T at Max Gain Point:	59.0 dB/K	
Peak Gain:	59.0 dBi	Min. Saturation Flux Density:	-42.0 dBW/m ²	
Antenna Pointing Error:	0.2°	Max. Saturation Flux Density:	-12.0 dBW/m ²	
Antenna Rotational Error:	0.1°	Co- or Cross Polar Mode:	C	
		Service Area Description:	see attached	

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Receiving Channels

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Please provide the following information for each receiving beam.
 Each receiving beam should have at least 1 channel.

Add Channels

* Channel ID:	* Channel Bandwidth (MHz):	* Center Frequency (MHz)	* Feeder Link, Service Link or TT&C	Actions
				<input type="button" value="Add Row"/>
				<input type="button" value="Back"/> <input type="button" value="Save & Continue"/>

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Transmitting Beam

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Add Beam

The list of beams is empty.
Please click the Add Beam button to enter the required information.

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Add Transmitting Beam

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Beam Information

* Beam ID:

* Receive Beam Frequency: * Lower Limit: MHz * Upper Limit: MHz

* Beam Type:

* Polarization:

* Peak Gain: dBi

* Antenna Pointing Error: degrees

* Antenna Rotational Error: degrees

* Polarization Alignment Relative to the Equatorial Plane: degrees

* Polarization Switchable: No Yes

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* Co- or Cross Polar Mode:

C
 X

* Max. Transmit EIRP Density:

dBW/Hz

* Max. Transmit EIRP:

dBW

GSO Antenna Gain Data

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Service Area

Please attach the file for service area diagram [here](#)

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Max. Power Flux Density for TRA1

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Add Max. Power Flux Density

* BW:	* 0° - 5° (dbW/m ² /BW):	* 5° - 10° (dbW/m ² /BW):	* 10° - 15° (dbW/m ² /BW):	* 15° - 20° (dbW/m ² /BW):	* 20° - 25° (dbW/m ² /BW):	* 25° - 90° (dbW/m ² /BW):	Actions
							Add Row

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Max. Power Flux Density for TRA1

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Add Max. Power Flux Density

*BW:	*0° - 5° (dbW/m ² /BW):	*5° - 10° (dbW/m ² /BW):	*10° - 15° (dbW/m ² /BW):	*15° - 20° (dbW/m ² /BW):	*20° - 25° (dbW/m ² /BW):	*25° - 90° (dbW/m ² /BW):	Actions
Select...	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	Remove

Add Row

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Transmitting Channels

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Please provide the following information for each transmitting beam.
 Each transmitting beam should have at least 1 channel.

Add Channels

* Channel ID:	* Channel Bandwidth (MHz):	* Center Frequency (MHz)	* Feeder Link, Service Link or TT&C	Actions
				Add Row

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Transmitting Channels

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Please provide the following information for each transmitting beam.
 Each transmitting beam should have at least 1 channel.

Add Channels

* Channel ID:	* Channel Bandwidth (MHz):	* Center Frequency (MHz)	* Feeder Link, Service Link or TT&C	Actions
<input type="text" value="5678"/>	<input type="text" value="100.0"/>	<input type="text" value="3650.0"/>	<input type="text" value="Service Link"/> ▼	<input type="button" value="Remove"/>

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Link/Direct a Schedule S to an IB 312

* 312 file number:

* FCC Registration Number (FRN):

[Cancel](#) [Submit](#)

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* Are the applicable service area coverage requirements of 25.143(b)(2)(ii) and (iii), or 25.144(a)(3)(i), or 25.145(c)(1) and (2), or 25.146(f)(1) and (2), or 25.148(c), or 25.225 met?

Yes No N/A [Clear](#)

* Are the applicable frequency tolerances of 25.202(e) and out-of-band emission limits of 25.202(f)(1),(2), and (3) met?

Yes No N/A [Clear](#)

* Are the cessation of emissions requirements of 25.207 met?

Yes No [Clear](#)

* Are the applicable power-flux-density limits of 25.208 met, and is the appropriate technical showing provided within the application?

Yes No N/A [Clear](#)

* For NGSO applications, are the applicable equivalent-power-flux-density limits of 25.208 met, and is the appropriate technical showing provided within the application?

Yes No N/A [Clear](#)

* Are the applicable full-frequency-reuse requirements of 25.210 met?

Yes No N/A [Clear](#)

* If the application is for a 17/24 GHz BSS space station, will it be operated at an offset location with full power and interference protection in accordance with 25.262(b)?

Yes No N/A [Clear](#)

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