

Schedule S Dashboard

### Drafted Applications

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\* Description:

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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

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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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## Add/Edit Operating Frequency Bands

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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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## Add/Edit Operating Frequency Bands

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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:

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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/m<sup>2</sup>

\* Max Saturation Flux Density:

dBW/m<sup>2</sup>

---


### GSO Antenna Gain Data

Please attach the file [here](#)

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### Service Area

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

Description: 

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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	<b>Attachments</b>
Beam Type:	Fixed	Polarization Alignment Relative ...	45.0°	<a href="#">View Attachments »</a>
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 <sup>2</sup>	
Antenna Pointing Error:	0.2°	Max. Saturation Flux Density:	-12.0 dBW/m <sup>2</sup>	
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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\* indicates required field

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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
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## Transmitting 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 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:

\* Max. Transmit EIRP Density:

dBW/Hz

\* Max. Transmit EIRP:

dBW

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### GSO Antenna Gain Data

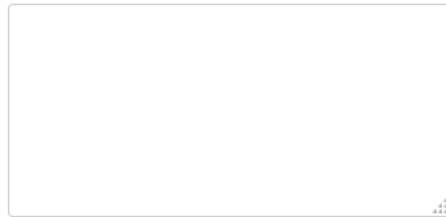
Please attach the file [here](#)

---

### Service Area


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

Description: 



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## Max. Power Flux Density for TRA1

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### Add Max. Power Flux Density

* BW:	* 0° - 5° (dbW/m <sup>2</sup> /BW):	* 5° - 10° (dbW/m <sup>2</sup> /BW):	* 10° - 15° (dbW/m <sup>2</sup> /BW):	* 15° - 20° (dbW/m <sup>2</sup> /BW):	* 20° - 25° (dbW/m <sup>2</sup> /BW):	* 25° - 90° (dbW/m <sup>2</sup> /BW):	Actions
							<a href="#">Add Row</a>

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## Max. Power Flux Density for TRA1

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### Add Max. Power Flux Density

*BW:	*0° - 5° (dbW/m <sup>2</sup> /BW):	*5° - 10° (dbW/m <sup>2</sup> /BW):	*10° - 15° (dbW/m <sup>2</sup> /BW):	*15° - 20° (dbW/m <sup>2</sup> /BW):	*20° - 25° (dbW/m <sup>2</sup> /BW):	*25° - 90° (dbW/m <sup>2</sup> /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):

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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(i)(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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