



312 File Number: **SATMOD2017091200129**

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## Filing Description

Question	Response
Description	SW1 MOD to move to 139W

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## Satellite Information

Question	Response
Select Orbit Type	GSO
Space Station or Satellite Network Name	SPACEWAY 1
Estimated Lifetime of Satellite(s) From Date of Launch	20 Years
Will the space station(s) operate on a Common Carrier basis?	No

## Operating Frequency Bands (4)

Nature of service	Description	Frequency Band(s)	Mode Type
<b>Fixed-Satellite Service</b>		19700.0 MHz -20200.0 MHz	Transmit
<b>Fixed-Satellite Service</b>		18300.0 MHz -18800.0 MHz	Transmit
<b>Fixed-Satellite Service</b>		28350.0 MHz -28600.0 MHz	Receive
<b>Fixed-Satellite Service</b>		29250.0 MHz -30000.0 MHz	Receive

## Orbital Information For Geostationary Satellites

Section	Question	Response
<b>Orbital Longitude Information</b>	Orbital Longitude	139.0 degrees
	Hemisphere of Orbital Longitude	W
<b>Longitudinal Tolerance or East /West Station-Keeping</b>	Toward West	0.05 degrees
	Toward East	0.05 degrees
<b>Inclination Excursion or North /South Station-Keeping Tolerance</b>	Inclination Excursion or North /South Station-Keeping Tolerance	0.05 degrees
<b>Antenna Axis Attitude Accuracy</b>	Roll	0.1 degrees
	Pitch	0.1 degrees
	Yaw	0.1 degrees

## Receiving Beams 1:

Question	Response
Beam ID	RX2L
Receive Beam Frequency	29250.0 MHz -30000.0 MHz
Beam Type	Spot
Polarization	LHCP
Peak Gain	50.0 dBi
Antenna Pointing Error	0.1 degrees
Antenna Rotational Error	0.1 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
G/T at Max. Gain Point	22.0 dB/K
Min. Saturation Flux Density	-100.0 dBW/m <sup>2</sup>
Max. Saturation Flux Density	-90.0 dBW/m <sup>2</sup>
Co- or Cross Polar Mode	C
Service Area Description	Service area is -6 dB contour. Note that receive beam is not fed into transponder as this satellite has on-board processing. Saturation flux density values above were entered to satisfy Schedule S

## Receiving Beams 2:

Question	Response
Beam ID	RX3L

Receive Beam Frequency	29250.0 MHz -30000.0 MHz
Beam Type	Spot
Polarization	LHCP
Peak Gain	50.2 dBi
Antenna Pointing Error	0.1 degrees
Antenna Rotational Error	0.1 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
G/T at Max. Gain Point	22.0 dB/K
Min. Saturation Flux Density	-100.0 dBW/m2
Max. Saturation Flux Density	-90.0 dBW/m2
Co- or Cross Polar Mode	C
Service Area Description	Service area is -6 dB contour. Note that receive beam is not fed into transponder as this satellite has on-board processing. Saturation flux density values above were entered to satisfy Schedule S

**Receiving Beams 3:**

Question	Response
Beam ID	RX4L
Receive Beam Frequency	29250.0 MHz -30000.0 MHz
Beam Type	Spot

Polarization	LHCP
Peak Gain	50.2 dBi
Antenna Pointing Error	0.1 degrees
Antenna Rotational Error	0.1 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
G/T at Max. Gain Point	22.0 dB/K
Min. Saturation Flux Density	-100.0 dBW/m <sup>2</sup>
Max. Saturation Flux Density	-90.0 dBW/m <sup>2</sup>
Co- or Cross Polar Mode	C
Service Area Description	Service area is -6 dB contour. Note that receive beam is not fed into transponder as this satellite has on-board processing. Saturation flux density values above were entered to satisfy Schedule S

## Receiving Beams 4:

Question	Response
Beam ID	RX5L
Receive Beam Frequency	29250.0 MHz -30000.0 MHz
Beam Type	Spot
Polarization	LHCP
Peak Gain	50.1 dBi

Antenna Pointing Error	0.1 degrees
Antenna Rotational Error	0.1 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
G/T at Max. Gain Point	22.0 dB/K
Min. Saturation Flux Density	-100.0 dBW/m2
Max. Saturation Flux Density	-90.0 dBW/m2
Co- or Cross Polar Mode	C
Service Area Description	Service area is -6 dB contour. Note that receive beam is not fed into transponder as this satellite has on-board processing. Saturation flux density values above were entered to satisfy Schedule S

## Receiving Beams 5:

Question	Response
Beam ID	RX1R
Receive Beam Frequency	29250.0 MHz -30000.0 MHz
Beam Type	Spot
Polarization	RHCP
Peak Gain	50.1 dBi
Antenna Pointing Error	0.1 degrees
Antenna Rotational Error	0.1 degrees



Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
G/T at Max. Gain Point	50.1 dB/K
Min. Saturation Flux Density	-100.0 dBW/m2
Max. Saturation Flux Density	-90.0 dBW/m2
Co- or Cross Polar Mode	C
Service Area Description	Service area is -6 dB contour. Note that receive beam is not fed into transponder as this satellite has on-board processing. Saturation flux density values above were entered to satisfy Schedule S

## Receiving Beams 6:

Question	Response
Beam ID	RX2R
Receive Beam Frequency	29250.0 MHz -30000.0 MHz
Beam Type	Spot
Polarization	RHCP
Peak Gain	50.1 dBi
Antenna Pointing Error	0.1 degrees
Antenna Rotational Error	0.1 degrees
Polarization Switchable	

Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
G/T at Max. Gain Point	22.0 dB/K
Min. Saturation Flux Density	-100.0 dBW/m2
Max. Saturation Flux Density	-90.0 dBW/m2
Co- or Cross Polar Mode	C
Service Area Description	Service area is -6 dB contour. Note that receive beam is not fed into transponder as this satellite has on-board processing. Saturation flux density values above were entered to satisfy Schedule S

**Receiving Beams 7:**

Question	Response
Beam ID	RX3R
Receive Beam Frequency	29250.0 MHz -30000.0 MHz
Beam Type	Spot
Polarization	RHCP
Peak Gain	50.1 dBi
Antenna Pointing Error	0.1 degrees
Antenna Rotational Error	0.1 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees

G/T at Max. Gain Point	22.0 dB/K
Min. Saturation Flux Density	-100.0 dBW/m2
Max. Saturation Flux Density	-90.0 dBW/m2
Co- or Cross Polar Mode	C
Service Area Description	Service area is -6 dB contour. Note that receive beam is not fed into transponder as this satellite has on-board processing. Saturation flux density values above were entered to satisfy Schedule S

## Receiving Beams 8:

Question	Response
Beam ID	RX4R
Receive Beam Frequency	29250.0 MHz -30000.0 MHz
Beam Type	Spot
Polarization	RHCP
Peak Gain	50.1 dBi
Antenna Pointing Error	0.1 degrees
Antenna Rotational Error	0.1 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
G/T at Max. Gain Point	22.0 dB/K
Min. Saturation Flux Density	-100.0 dBW/m2

Max. Saturation Flux Density	-90.0 dBW/m2
Co- or Cross Polar Mode	C
Service Area Description	Service area is -6 dB contour. Note that receive beam is not fed into transponder as this satellite has on-board processing. Saturation flux density values above were entered to satisfy Schedule S

## Receiving Beams 9:

Question	Response
Beam ID	RX5R
Receive Beam Frequency	29250.0 MHz -30000.0 MHz
Beam Type	Spot
Polarization	RHCP
Peak Gain	50.1 dBi
Antenna Pointing Error	0.1 degrees
Antenna Rotational Error	0.1 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
G/T at Max. Gain Point	22.0 dB/K
Min. Saturation Flux Density	-100.0 dBW/m2
Max. Saturation Flux Density	-90.0 dBW/m2
Co- or Cross Polar Mode	C

Service Area Description	Service area is -6 dB contour. Note that receive beam is not fed into transponder as this satellite has on-board processing. Saturation flux density values above were entered to satisfy Schedule S
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**Receiving Beams 10:**

Question	Response
Beam ID	RX6L
Receive Beam Frequency	28350.0 MHz -28600.0 MHz
Beam Type	Spot
Polarization	LHCP
Peak Gain	50.1 dBi
Antenna Pointing Error	0.1 degrees
Antenna Rotational Error	0.1 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
G/T at Max. Gain Point	22.0 dB/K
Min. Saturation Flux Density	-100.0 dBW/m2
Max. Saturation Flux Density	-90.0 dBW/m2
Co- or Cross Polar Mode	C
Service Area Description	Service area is -6 dB contour. Note that receive beam is not fed into transponder as this satellite has on-board processing. Saturation flux density values above were entered to satisfy Schedule S

## Receiving Beams 11:

Question	Response
Beam ID	RX7L
Receive Beam Frequency	28350.0 MHz -28600.0 MHz
Beam Type	Spot
Polarization	LHCP
Peak Gain	50.0 dBi
Antenna Pointing Error	0.1 degrees
Antenna Rotational Error	0.1 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
G/T at Max. Gain Point	22.0 dB/K
Min. Saturation Flux Density	-100.0 dBW/m2
Max. Saturation Flux Density	-90.0 dBW/m2
Co- or Cross Polar Mode	C
Service Area Description	Service area is -6 dB contour. Note that receive beam is not fed into transponder as this satellite has on-board processing. Saturation flux density values above were entered to satisfy Schedule S

## Receiving Beams 12:

Question	Response
Beam ID	RX1L

Receive Beam Frequency	29250.0 MHz -30000.0 MHz
Beam Type	Spot
Polarization	LHCP
Peak Gain	50.1 dBi
Antenna Pointing Error	0.1 degrees
Antenna Rotational Error	0.1 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
G/T at Max. Gain Point	22.0 dB/K
Min. Saturation Flux Density	-100.0 dBW/m <sup>2</sup>
Max. Saturation Flux Density	-90.0 dBW/m <sup>2</sup>
Co- or Cross Polar Mode	C
Service Area Description	Service area is -6 dB contour. Note that receive beam is not fed into transponder as this satellite has on-board processing. Saturation flux density values above were entered to satisfy Schedule S

## Receiving Beams 13:

Question	Response
Beam ID	CMD
Receive Beam Frequency	29250.0 MHz -30000.0 MHz
Beam Type	Spot

Polarization	LHCP
Peak Gain	51.3 dBi
Antenna Pointing Error	0.3 degrees
Antenna Rotational Error	0.3 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
G/T at Max. Gain Point	22.0 dB/K
Min. Saturation Flux Density	-100.0 dBW/m <sup>2</sup>
Max. Saturation Flux Density	-90.0 dBW/m <sup>2</sup>
Co- or Cross Polar Mode	C
Service Area Description	Service area is -6 dB contour. Note that receive beam is not fed into transponder as this satellite has on-board processing. Saturation flux density values above were entered to satisfy Schedule S



**Receiving  
Channels (2)**

<b>Channel ID</b>	<b>Channel Bandwidth (MHz)</b>	<b>Center Frequency s (MHz)</b>	<b>Feeder Link, Service Link or TT&amp;C</b>
<b>RL03</b>	62.5	29531.25	Service Link
<b>RL01</b>	165.0	28442.5	Service Link

## Transmitting Beams 1:

Question	Response
Beam ID	TX1L
Transmit Beam Frequency	19700.0 MHz -20200.0 MHz
Beam Type	Shapeable
Polarization	LHCP
Peak Gain	0.1 dBi
Antenna Pointing Error	0.1 degrees
Antenna Rotational Error	0.1 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
Max. Transmit EIRP Density	-16.1 dBW/Hz
Max. Transmit EIRP	59.5 dBW
Co- or Cross Polar Mode	C
Service Area Description	Eastern Alaska

## Max. Power Flux Density

	* 0° - 5°	* 5° - 10°	* 10° - 15°	* 15° - 20°	* 20° - 25°	* 25° - 90°
*	(dBW/m <sup>2</sup>	(dBW/m <sup>2</sup>	(dBW/m <sup>2</sup>	(dBW/m <sup>2</sup>	(dBW/m <sup>2</sup>	(dBW/m <sup>2</sup>
BW:	/BW):	/BW):	/BW):	/BW):	/BW):	/BW):
<b>1.0 MHz</b>	-120.0	-120.0	-120.0	-122.0	-124.0	-126.0

## Transmitting Beams 2:

Question	Response
Beam ID	TX1R
Transmit Beam Frequency	19700.0 MHz -20200.0 MHz

Beam Type	Shapeable
Polarization	RHCP
Peak Gain	44.3 dBi
Antenna Pointing Error	0.1 degrees
Antenna Rotational Error	0.1 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
Max. Transmit EIRP Density	-16.1 dBW/Hz
Max. Transmit EIRP	59.5 dBW
Co- or Cross Polar Mode	C
Service Area Description	Western Alaska

### Max. Power Flux Density

	* 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:
<b>1.0 MHz</b>	-124.0	-124.0	-118.0	-118.0	-118.0	-122.0

### Transmitting Beams 3:

Question	Response
Beam ID	TX2R
Transmit Beam Frequency	19700.0 MHz -20200.0 MHz
Beam Type	Spot
Polarization	RHCP
Peak Gain	51.3 dBi
Antenna Pointing Error	0.1 degrees
Antenna Rotational Error	0.1 degrees

Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
Max. Transmit EIRP Density	-16.1 dBW/Hz
Max. Transmit EIRP	59.5 dBW
Co- or Cross Polar Mode	C
Service Area Description	Service area is -6 dB gain contour of spot beam

### Max. Power Flux Density

	* 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:
<b>1.0 MHz</b>	-133.0	-128.0	-120.0	-118.0	-118.0	-120.0

### Transmitting Beams 4:

Question	Response
Beam ID	TX3R
Transmit Beam Frequency	19700.0 MHz -20200.0 MHz
Beam Type	Spot
Polarization	RHCP
Peak Gain	51.4 dBi
Antenna Pointing Error	0.1 degrees
Antenna Rotational Error	0.1 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
Max. Transmit EIRP Density	-16.1 dBW/Hz

Max. Transmit EIRP	59.5 dBW
Co- or Cross Polar Mode	C
Service Area Description	Service area is -6 dB contour

### Max. Power Flux Density

	* 0° - 5°	* 5° - 10°	* 10° - 15°	* 15° - 20°	* 20° - 25°	* 25° - 90°
*	(dBW/m <sup>2</sup>	(dBW/m <sup>2</sup>	(dBW/m <sup>2</sup>	(dBW/m <sup>2</sup>	(dBW/m <sup>2</sup>	(dBW/m <sup>2</sup>
BW:	/BW):	/BW):	/BW):	/BW):	/BW):	/BW):
<b>1.0 MHz</b>	-138.0	-128.0	-120.0	-118.0	-118.0	-122.0

### Transmitting Beams 5:

Question	Response
Beam ID	TX4L
Transmit Beam Frequency	18300.0 MHz -18800.0 MHz
Beam Type	Fixed
Polarization	LHCP
Peak Gain	22.0 dBi
Antenna Pointing Error	0.1 degrees
Antenna Rotational Error	0.1 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
Max. Transmit EIRP Density	-30.6 dBW/Hz
Max. Transmit EIRP	45.0 dBW
Co- or Cross Polar Mode	C
Service Area Description	Service ares is Alaska

### Max. Power Flux Density

	* 0° - 5°	* 5° - 10°	* 10° - 15°	* 15° - 20°	* 20° - 25°	* 25° - 90°
*	(dBW/m <sup>2</sup> )	(dBW/m <sup>2</sup> )	(dBW/m <sup>2</sup> )	(dBW/m <sup>2</sup> )	(dBW/m <sup>2</sup> )	(dBW/m <sup>2</sup> )
BW:	/BW):	/BW):	/BW):	/BW):	/BW):	/BW):
<b>1.0 MHz</b>	-133.0	-133.0	-133.0	-133.0	-133.0	-133.0

### Transmitting Beams 6:

Question	Response
Beam ID	TX4R
Transmit Beam Frequency	18300.0 MHz -18800.0 MHz
Beam Type	Fixed
Polarization	RHCP
Peak Gain	22.0 dBi
Antenna Pointing Error	0.1 degrees
Antenna Rotational Error	0.1 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
Max. Transmit EIRP Density	-30.6 dBW/Hz
Max. Transmit EIRP	45.0 dBW
Co- or Cross Polar Mode	C
Service Area Description	Service area is Alaska

### Max. Power Flux Density

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

<b>1.0</b>	-133.0	-133.0	-133.0	-133.0	-133.0	-133.0
<b>MHz</b>						

## Transmitting Beams 7:

Question	Response
Beam ID	TLM
Transmit Beam Frequency	19700.0 MHz -20200.0 MHz
Beam Type	Shapeable
Polarization	LHCP
Peak Gain	47.3 dBi
Antenna Pointing Error	0.1 degrees
Antenna Rotational Error	0.1 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
Max. Transmit EIRP Density	-24.7 dBW/Hz
Max. Transmit EIRP	59.5 dBW
Co- or Cross Polar Mode	C
Service Area Description	Service area is within -6 dB contour of this double humped beam

## Max. Power Flux Density

	* 0° - 5°	* 5° - 10°	* 10° - 15°	* 15° - 20°	* 20° - 25°	* 25° - 90°
*	(dBW/m <sup>2</sup>	(dBW/m <sup>2</sup>	(dBW/m <sup>2</sup>	(dBW/m <sup>2</sup>	(dBW/m <sup>2</sup>	(dBW/m <sup>2</sup>
BW:	/BW):	/BW):	/BW):	/BW):	/BW):	/BW):
<b>1.0</b>	-147.2	-142.2	-137.2	-127.2	-127.2	-133.2
<b>MHz</b>						

**Transmitting  
Channels (2)**

<b>Channel ID</b>	<b>Channel Bandwidth (MHz)</b>	<b>Center Frequency s (MHz)</b>	<b>Feeder Link, Service Link or TT&amp;C</b>
<b>TL03</b>	62.5	19731.25	Service Link
<b>TL01</b>	165.0	18447.5	Service Link



## Certification Questions

Question	Response
<p>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?</p>	<p>N/A</p>
<p>Are the applicable frequency tolerances of 25.202(e) and out-of-band emission limits of 25.202(f)(1),(2), and (3) met?</p>	<p>Yes</p>
<p>Are the cessation of emissions requirements of 25.207 met?</p>	<p>Yes</p>
<p>Are the applicable power-flux-density limits of 25.208 met, and is the appropriate technical showing provided within the application?</p>	<p>Yes</p>
<p>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?</p>	<p>N/A</p>
<p>Are the applicable full-frequency-reuse requirements of 25.210 met?</p>	<p>Yes</p>
<p>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)?</p>	

## Attachments

File Name	Beam	Field	Attachment Type	Description
<a href="#">CMD.gxt</a>	CMD	GSO Antenna Gain Contour Data	GXT file (*.gxt)	
<a href="#">TMLL.gxt</a>	TLM	GSO Antenna Gain Contour Data	GXT file (*.gxt)	
<a href="#">TX4R.gxt</a>	TX4R	GSO Antenna Gain Contour Data	GXT file (*.gxt)	
<a href="#">TX4L.gxt</a>	TX4L	GSO Antenna Gain Contour Data	GXT file (*.gxt)	
<a href="#">TX3R.gxt</a>	TX3R	GSO Antenna Gain Contour Data	GXT file (*.gxt)	
<a href="#">TX2R.gxt</a>	TX2R	GSO Antenna Gain Contour Data	GXT file (*.gxt)	
<a href="#">TX1R.gxt</a>	TX1R	GSO Antenna Gain Contour Data	GXT file (*.gxt)	
<a href="#">TX1L.gxt</a>	TX1L	GSO Antenna Gain Contour Data	GXT file (*.gxt)	
<a href="#">RX7L.gxt</a>	RX7L	GSO Antenna Gain Contour Data	GXT file (*.gxt)	
<a href="#">RX6L.gxt</a>	RX6L	GSO Antenna Gain Contour Data	GXT file (*.gxt)	
<a href="#">RX5R.gxt</a>	RX5R	GSO Antenna Gain Contour Data	GXT file (*.gxt)	
<a href="#">RX4R.gxt</a>	RX4R	GSO Antenna Gain Contour Data	GXT file (*.gxt)	
<a href="#">RX3R.gxt</a>	RX3R	GSO Antenna Gain Contour Data	GXT file (*.gxt)	
<a href="#">RX2R.gxt</a>	RX2R	GSO Antenna Gain Contour Data	GXT file (*.gxt)	
<a href="#">RX1R.gxt</a>	RX1R	GSO Antenna Gain Contour Data	GXT file (*.gxt)	
<a href="#">RX5L.gxt</a>	RX5L	GSO Antenna Gain Contour Data	GXT file (*.gxt)	

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<u>RX4L</u> <u>gxt</u>	RX4L	GSO Antenna Gain Contour Data	GXT file (*.gxt)
<u>RX3L</u> <u>gxt</u>	RX3L	GSO Antenna Gain Contour Data	GXT file (*.gxt)
<u>RX2L</u> <u>gxt</u>	RX2L	GSO Antenna Gain Contour Data	GXT file (*.gxt)
<u>RX1L</u> <u>gxt</u>	RX1L	GSO Antenna Gain Contour Data	GXT file (*.gxt)

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