



312 File Number: **SATMOD2022072500074**

Filing Description

Question	Response
Description	SpaceX 2 GHz MSS System

Satellite
Information

Question	Response
Select Orbit Type	NGSO
Space Station or Satellite Network Name	SpaceX 2 GHz MSS System
Estimated Lifetime of Satellite(s) From Date of Launch	5 Years
Will the space station(s) operate on a Common Carrier basis?	No

Operating
Frequency
Bands (2)

Nature of service	Description	Frequency Band(s)	Mode Type
Mobile-Satellite Service		2000.0 MHz -2020.0 MHz	Receive
Mobile-Satellite Service		2180.0 MHz -2200.0 MHz	Transmit

**Orbital
Information For
Non-
Geostationary
Satellites**

Question	Response
Total Number of Satellites in the active constellation	1
Orbit Epoch Date	01/01/2015
Celestial Reference Body	Earth

Orbital Plane 1:

Question	Response
Number of Satellites in Plane	1
Inclination Angle	53.0 degrees
Right Ascension of Ascending Node	0.0 degrees
Argument of Perigee	0.0 degrees
Orbital Period	5760.0 seconds
Apogee	550.0 km
Perigee	550.0 km
Active Service Arc Begin Angle with respect to Ascending Node	0.0 degrees
Active Service Arc End Angle with respect to Ascending Node	0.0 degrees

Mean Anomaly For Each Satellite

Satellite Number	Mean Anomaly (degrees) at the Orbit Epoch Date
1	0.0

Receiving Beams 1:

Question	Response
Beam ID	RX01
Receive Beam Frequency	2000.0 MHz -2020.0 MHz
Beam Type	Both Steerable and Shapeable
Polarization	V
Peak Gain	29.0 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	3.5 dB/K
Min. Saturation Flux Density	-0.1 dBW/m2
Max. Saturation Flux Density	0.0 dBW/m2
Co- or Cross Polar Mode	C
Service Area Description	Global

Receiving Beams 2:

Question	Response
Beam ID	RX02
Receive Beam Frequency	2000.0 MHz -2020.0 MHz
Beam Type	Both Steerable and Shapeable
Polarization	V
Peak Gain	32.0 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	6.5 dB/K
Min. Saturation Flux Density	-0.1 dBW/m2
Max. Saturation Flux Density	0.0 dBW/m2
Co- or Cross Polar Mode	C
Service Area Description	Global

Receiving
Beams 3:

Question	Response
Beam ID	RX03
Receive Beam Frequency	2000.0 MHz -2020.0 MHz
Beam Type	Both Steerable and Shapeable
Polarization	V
Peak Gain	35.0 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	9.5 dB/K
Min. Saturation Flux Density	-0.1 dBW/m2
Max. Saturation Flux Density	0.0 dBW/m2
Co- or Cross Polar Mode	C
Service Area Description	Global

Receiving

Beams 4:

Question	Response
Beam ID	RX04
Receive Beam Frequency	2000.0 MHz -2020.0 MHz
Beam Type	Both Steerable and Shapeable
Polarization	V
Peak Gain	38.0 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	12.5 dB/K
Min. Saturation Flux Density	-0.1 dBW/m2
Max. Saturation Flux Density	0.0 dBW/m2
Co- or Cross Polar Mode	C
Service Area Description	Global

Receiving Beams 5:

Question	Response
Beam ID	RX05
Receive Beam Frequency	2000.0 MHz -2020.0 MHz
Beam Type	Both Steerable and Shapeable
Polarization	H
Peak Gain	29.0 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	3.5 dB/K
Min. Saturation Flux Density	-0.1 dBW/m2
Max. Saturation Flux Density	0.0 dBW/m2
Co- or Cross Polar Mode	C
Service Area Description	Global

Receiving Beams 6:

Question	Response
Beam ID	RX06
Receive Beam Frequency	2000.0 MHz -2020.0 MHz
Beam Type	Both Steerable and Shapeable
Polarization	H
Peak Gain	32.0 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	6.5 dB/K
Min. Saturation Flux Density	-0.1 dBW/m2
Max. Saturation Flux Density	0.0 dBW/m2
Co- or Cross Polar Mode	C
Service Area Description	Global

Receiving Beams 7:

Question	Response
----------	----------

Beam ID	RX07
Receive Beam Frequency	2000.0 MHz -2020.0 MHz
Beam Type	Both Steerable and Shapeable
Polarization	H
Peak Gain	35.0 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	9.5 dB/K
Min. Saturation Flux Density	-0.1 dBW/m2
Max. Saturation Flux Density	0.0 dBW/m2
Co- or Cross Polar Mode	C
Service Area Description	Global

Receiving Beams 8:

Question	Response
Beam ID	RX08
Receive Beam Frequency	2000.0 MHz -2020.0 MHz
Beam Type	Both Steerable and Shapeable
Polarization	H
Peak Gain	38.0 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	12.5 dB/K
Min. Saturation Flux Density	-0.1 dBW/m2
Max. Saturation Flux Density	0.0 dBW/m2
Co- or Cross Polar Mode	C
Service Area Description	Global

Receiving
Channels (1)

Channel ID	Channel Bandwidth (MHz)	Center Frequency s (MHz)	Feeder Link, Service Link or TT&C
RX1	20.0	2010.0	Service Link

Transmitting
Beams 1:

Question	Response
Beam ID	TX07
Transmit Beam Frequency	2180.0 MHz -2200.0 MHz
Beam Type	Both Steerable and Shapeable
Polarization	LHCP
Peak Gain	35.0 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	-5.33 dBW/Hz
Max. Transmit EIRP	55.0 dBW
Co- or Cross Polar Mode	C
Service Area Description	Global

Max. Power Flux Density

	* 0° - 5°	* 5° - 10°	* 10° - 15°	* 15° - 20°	* 20° - 25°	* 25° - 90°
* (dBW/m ² /BW):	(dBW/m ² /BW):	(dBW/m ² /BW):	(dBW/m ² /BW):	(dBW/m ² /BW):	(dBW/m ² /BW):	(dBW/m ² /BW):
1.0 MHz	-82.4	-81.2	-79.6	-78.2	-77.0	-70.7

Transmitting
Beams 2:

Question	Response
Beam ID	TX01
Transmit Beam Frequency	2180.0 MHz -2200.0 MHz

Beam Type	Both Steerable and Shapeable
Polarization	RHCP
Peak Gain	29.0 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	-11.33 dBW/Hz
Max. Transmit EIRP	49.0 dBW
Co- or Cross Polar Mode	C
Service Area Description	Global

Max. Power Flux Density

	* 0° - 5°	* 5° - 10°	* 10° - 15°	* 15° - 20°	* 20° - 25°	* 25° - 90°
* BW:	(dBW/m ² /BW):	(dBW/m ² /BW):	(dBW/m ² /BW):	(dBW/m ² /BW):	(dBW/m ² /BW):	(dBW/m ² /BW):
1.0 MHz	-88.4	-87.2	-85.6	-84.2	-83.0	-76.7

Transmitting Beams 3:

Question	Response
Beam ID	TX02
Transmit Beam Frequency	2180.0 MHz -2200.0 MHz
Beam Type	Both Steerable and Shapeable
Polarization	RHCP
Peak Gain	32.0 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	-8.26 dBW/Hz
Max. Transmit EIRP	52.0 dBW
Co- or Cross Polar Mode	C
Service Area Description	Global

Max. Power Flux Density

	* 0° - 5°	* 5° - 10°	* 10° - 15°	* 15° - 20°	* 20° - 25°	* 25° - 90°
	(dBW/m ²	(dBW/m ²	(dBW/m ²	(dBW/m ²	(dBW/m ²	(dBW/m ²
	/BW):	/BW):	/BW):	/BW):	/BW):	/BW):
1.0 MHz	-85.3	-84.1	-82.6	-81.1	-79.9	-73.7

Transmitting Beams 4:

Question	Response
Beam ID	TX03
Transmit Beam Frequency	2180.0 MHz -2200.0 MHz
Beam Type	Both Steerable and Shapeable
Polarization	RHCP
Peak Gain	35.0 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	-5.33 dBW/Hz

Max. Transmit EIRP	55.0 dBW
Co- or Cross Polar Mode	C
Service Area Description	Global

Max. Power Flux Density

	* 0° - 5°	* 5° - 10°	* 10° - 15°	* 15° - 20°	* 20° - 25°	* 25° - 90°
	(dBW/m ²	(dBW/m ²	(dBW/m ²	(dBW/m ²	(dBW/m ²	(dBW/m ²
* BW:	/BW):	/BW):	/BW):	/BW):	/BW):	/BW):
1.0 MHz	-82.4	-81.2	-79.6	-78.2	-77.0	-70.7

Transmitting Beams 5:

Question	Response
Beam ID	TX04
Transmit Beam Frequency	2180.0 MHz -2200.0 MHz
Beam Type	Both Steerable and Shapeable
Polarization	RHCP
Peak Gain	38.0 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	-2.33 dBW/Hz
Max. Transmit EIRP	58.0 dBW
Co- or Cross Polar Mode	C
Service Area Description	Global

Max. Power Flux Density

Transmitting
Beams 6:

	* 0° - 5°	* 5° - 10°	* 10° - 15°	* 15° - 20°	* 20° - 25°	* 25° - 90°
* BW:	(dbW/m ² /BW):	(dbW/m ² /BW):	(dbW/m ² /BW):	(dbW/m ² /BW):	(dbW/m ² /BW):	(dbW/m ² /BW):
1.0 MHz	-79.4	-78.2	-76.6	-75.2	-74.0	-67.7

Question	Response
Beam ID	TX05
Transmit Beam Frequency	2180.0 MHz -2200.0 MHz
Beam Type	Both Steerable and Shapeable
Polarization	LHCP
Peak Gain	29.0 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	-11.33 dBW/Hz
Max. Transmit EIRP	49.0 dBW
Co- or Cross Polar Mode	C
Service Area Description	Global

Max. Power Flux Density

	* 0° - 5°	* 5° - 10°	* 10° - 15°	* 15° - 20°	* 20° - 25°	* 25° - 90°
* BW:	(dbW/m ² /BW):	(dbW/m ² /BW):	(dbW/m ² /BW):	(dbW/m ² /BW):	(dbW/m ² /BW):	(dbW/m ² /BW):
1.0 MHz	-88.4	-87.2	-85.6	-84.2	-83.0	-76.7

Transmitting
Beams 7:

Question	Response
Beam ID	TX06
Transmit Beam Frequency	2180.0 MHz -2200.0 MHz
Beam Type	Both Steerable and Shapeable
Polarization	LHCP
Peak Gain	32.0 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	-8.26 dBW/Hz
Max. Transmit EIRP	52.0 dBW
Co- or Cross Polar Mode	C
Service Area Description	Global

Max. Power Flux Density

	* 0° - 5°	* 5° - 10°	* 10° - 15°	* 15° - 20°	* 20° - 25°	* 25° - 90°
	(dBW/m ²	(dBW/m ²	(dBW/m ²	(dBW/m ²	(dBW/m ²	(dBW/m ²
* BW:	/BW):	/BW):	/BW):	/BW):	/BW):	/BW):
1.0 MHz	-85.3	-84.1	-82.6	-81.1	-79.9	-73.7

Transmitting
Beams 8:

Question	Response
Beam ID	TX08
Transmit Beam Frequency	2180.0 MHz -2200.0 MHz

Beam Type	Both Steerable and Shapeable
Polarization	LHCP
Peak Gain	38.0 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	-2.33 dBW/Hz
Max. Transmit EIRP	58.0 dBW
Co- or Cross Polar Mode	C
Service Area Description	Global

Max. Power Flux Density

	* 0° - 5°	* 5° - 10°	* 10° - 15°	* 15° - 20°	* 20° - 25°	* 25° - 90°
* BW:	(dBW/m ² /BW):	(dBW/m ² /BW):	(dBW/m ² /BW):	(dBW/m ² /BW):	(dBW/m ² /BW):	(dBW/m ² /BW):
1.0 MHz	-79.4	-78.2	-76.6	-75.2	-74.0	-67.7

Transmitting
Channels (1)

Channel ID	Channel Bandwidth (MHz)	Center Frequency s (MHz)	Feeder Link, Service Link or TT&C
TX1	20.0	2190.0	Service Link

Certification Questions

Question	Response
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
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
Are the cessation of emissions requirements of 25.207 met?	Yes
Are the applicable power-flux-density limits of 25.208 met, and is the appropriate technical showing provided within the application?	
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?	N/A
Are the applicable full-frequency-reuse requirements of 25.210 met?	
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)?	

Attachments

File Name	Beam	Field	Attachment Type	Des
<u>SpaceX_2GHz_MSS_TX08_530km_35deg.gxt</u>	TX08	NGSO Antenna Gain Data	GXT file (*.gxt)	
<u>SpaceX_2GHz_MSS_TX08_530km_0deg.gxt</u>	TX08	NGSO Antenna Gain Data	GXT file (*.gxt)	
<u>SpaceX_2GHz_MSS_TX08_525km_35deg.gxt</u>	TX08	NGSO Antenna Gain Data	GXT file (*.gxt)	
<u>SpaceX_2GHz_MSS_TX08_525km_0deg.gxt</u>	TX08	NGSO Antenna Gain Data	GXT file (*.gxt)	
<u>SpaceX_2GHz_MSS_TX07_530km_35deg.gxt</u>	TX07	NGSO Antenna Gain Data	GXT file (*.gxt)	
<u>SpaceX_2GHz_MSS_TX07_530km_0deg.gxt</u>	TX07	NGSO Antenna Gain Data	GXT file (*.gxt)	
<u>SpaceX_2GHz_MSS_TX07_525km_35deg.gxt</u>	TX07	NGSO Antenna Gain Data	GXT file (*.gxt)	
<u>SpaceX_2GHz_MSS_TX07_525km_0deg.gxt</u>	TX07	NGSO Antenna Gain Data	GXT file (*.gxt)	
<u>SpaceX_2GHz_MSS_TX06_530km_35deg.gxt</u>	TX06	NGSO Antenna Gain Data	GXT file (*.gxt)	

<u>SpaceX_2GHz_MSS_TX06_530km_0deg.gxt</u>	TX06	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_TX06_525km_35deg.gxt</u>	TX06	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_TX06_525km_0deg.gxt</u>	TX06	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_TX05_530km_35deg.gxt</u>	TX05	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_TX05_530km_0deg.gxt</u>	TX05	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_TX05_525km_35deg.gxt</u>	TX05	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_TX05_525km_0deg.gxt</u>	TX05	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_TX04_530km_35deg.gxt</u>	TX04	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_TX04_530km_0deg.gxt</u>	TX04	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_TX04_525km_35deg.gxt</u>	TX04	NGSO Antenna Gain Data	GXT file (*.gxt)

<u>SpaceX_2GHz_MSS_TX04_525km_0deg.gxt</u>	TX04	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_TX03_530km_35deg.gxt</u>	TX03	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_TX03_530km_0deg.gxt</u>	TX03	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_TX03_525km_35deg.gxt</u>	TX03	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_TX03_525km_0deg.gxt</u>	TX03	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_TX02_530km_35deg.gxt</u>	TX02	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_TX02_530km_0deg.gxt</u>	TX02	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_TX02_525km_35deg.gxt</u>	TX02	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_TX02_525km_0deg.gxt</u>	TX02	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_TX01_530km_35deg.gxt</u>	TX01	NGSO Antenna Gain Data	GXT file (*.gxt)

<u>SpaceX_2GHz_MSS_TX01_530km_0deg.gxt</u>	TX01	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_TX01_525km_35deg.gxt</u>	TX01	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_TX01_525km_0deg.gxt</u>	TX01	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX08_530km_35deg.gxt</u>	RX08	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX08_530km_0deg.gxt</u>	RX08	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX08_525km_35deg.gxt</u>	RX08	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX08_525km_0deg.gxt</u>	RX08	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX07_530km_35deg.gxt</u>	RX07	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX07_530km_0deg.gxt</u>	RX07	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX07_525km_35deg.gxt</u>	RX07	NGSO Antenna Gain Data	GXT file (*.gxt)

<u>SpaceX_2GHz_MSS_RX07_525km_0deg.gxt</u>	RX07	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX06_530km_35deg.gxt</u>	RX06	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX06_530km_0deg.gxt</u>	RX06	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX06_525km_35deg.gxt</u>	RX06	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX06_525km_0deg.gxt</u>	RX06	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX05_530km_35deg.gxt</u>	RX05	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX05_530km_0deg.gxt</u>	RX05	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX05_525km_35deg.gxt</u>	RX05	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX05_525km_0deg.gxt</u>	RX05	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX04_530km_35deg.gxt</u>	RX04	NGSO Antenna Gain Data	GXT file (*.gxt)

<u>SpaceX_2GHz_MSS_RX04_530km_0deg.gxt</u>	RX04	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX04_525km_35deg.gxt</u>	RX04	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX04_525km_0deg.gxt</u>	RX04	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX03_530km_35deg.gxt</u>	RX03	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX03_530km_0deg.gxt</u>	RX03	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX03_525km_35deg.gxt</u>	RX03	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX03_525km_0deg.gxt</u>	RX03	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX02_530km_35deg.gxt</u>	RX02	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX02_530km_0deg.gxt</u>	RX02	NGSO Antenna Gain Data	GXT file (*.gxt)
<u>SpaceX_2GHz_MSS_RX02_525km_35deg.gxt</u>	RX02	NGSO Antenna Gain Data	GXT file (*.gxt)

<u>SpaceX_2GHz_MSS_RX02_525km_0deg. gxt</u>	RX02	NGSO Antenna Gain Data	GXT file (*. gxt)
<u>SpaceX_2GHz_MSS_RX01_530km_35deg. gxt</u>	RX01	NGSO Antenna Gain Data	GXT file (*. gxt)
<u>SpaceX_2GHz_MSS_RX01_530km_0deg. gxt</u>	RX01	NGSO Antenna Gain Data	GXT file (*. gxt)
<u>SpaceX_2GHz_MSS_RX01_525km_35deg. gxt</u>	RX01	NGSO Antenna Gain Data	GXT file (*. gxt)
<u>SpaceX_2GHz_MSS_RX01_525km_0deg. gxt</u>	RX01	NGSO Antenna Gain Data	GXT file (*. gxt)