



312 File Number: **SATLOI2016111500112**

Filing Description

Question	Response
Description	Planned LeoSat Ka-band LEO FSS System

Satellite Information

Question	Response
Select Orbit Type	NGSO
Space Station or Satellite Network Name	LEOSAT (MCSAT-2 LEO-2)
Estimated Lifetime of Satellite(s) From Date of Launch	10 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
Fixed-Satellite Service		17800.0 MHz -20200.0 MHz	Transmit
Fixed-Satellite Service		27500.0 MHz -30000.0 MHz	Receive
Fixed-Satellite Service		28600.0 MHz -28610.0 MHz	Receive
Fixed-Satellite Service		18800.0 MHz -18810.0 MHz	Transmit

**Orbital
Information For
Non-
Geostationary
Satellites**

Question	Response
Total Number of Satellites in the active constellation	84
Orbit Epoch Date	01/01/2016
Celestial Reference Body	Earth

Orbital Plane 1:

Question	Response
Number of Satellites in Plane	14
Inclination Angle	90.0 degrees
Right Ascension of Ascending Node	0.0 degrees
Argument of Perigee	0.0 degrees
Orbital Period	6826.9 seconds
Apogee	1400.0 km
Perigee	1400.0 km
Active Service Arc Begin Angle with respect to Ascending Node	0.0 degrees
Active Service Arc End Angle with respect to Ascending Node	360.0 degrees

Mean Anomaly For Each Satellite

Satellite Number	Mean Anomaly (degrees) at the Orbit Epoch Date
1	0.0
2	27.7
3	55.4
4	83.1
5	110.8
6	138.5
7	166.2
8	193.8
9	221.5
10	249.2
11	276.9
12	304.6
13	332.3

14	13.8
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Orbital Plane 2:

Question	Response
Number of Satellites in Plane	14
Inclination Angle	90.0 degrees
Right Ascension of Ascending Node	30.0 degrees
Argument of Perigee	0.0 degrees
Orbital Period	6826.9 seconds
Apogee	1400.0 km
Perigee	1400.0 km
Active Service Arc Begin Angle with respect to Ascending Node	0.0 degrees
Active Service Arc End Angle with respect to Ascending Node	360.0 degrees

Mean Anomaly For Each Satellite

Satellite Number	Mean Anomaly (degrees) at the Orbit Epoch Date
1	17.8
2	45.5
3	73.2
4	100.9
5	128.6
6	156.3
7	184.0
8	211.6
9	239.3
10	267.0
11	294.7

12	322.4
13	350.1
14	31.6

Orbital Plane 3:

Question	Response
Number of Satellites in Plane	14
Inclination Angle	90.0 degrees
Right Ascension of Ascending Node	59.9 degrees
Argument of Perigee	0.0 degrees
Orbital Period	6826.9 seconds
Apogee	1400.0 km
Perigee	1400.0 km
Active Service Arc Begin Angle with respect to Ascending Node	0.0 degrees
Active Service Arc End Angle with respect to Ascending Node	360.0 degrees

Mean Anomaly For Each Satellite

Satellite Number	Mean Anomaly (degrees) at the Orbit Epoch Date
1	7.9
2	35.6
3	63.3
4	91.0
5	118.7
6	146.4
7	174.1
8	201.8
9	229.4

10	257.1
11	284.8
12	312.5
13	340.2
14	21.8

Orbital Plane 4:

Question	Response
Number of Satellites in Plane	14
Inclination Angle	90.0 degrees
Right Ascension of Ascending Node	89.9 degrees
Argument of Perigee	0.0 degrees
Orbital Period	6826.9 seconds
Apogee	1400.0 km
Perigee	1400.0 km
Active Service Arc Begin Angle with respect to Ascending Node	0.0 degrees
Active Service Arc End Angle with respect to Ascending Node	360.0 degrees

Mean Anomaly For Each Satellite

Satellite Number	Mean Anomaly (degrees) at the Orbit Epoch Date
1	25.7
2	53.4
3	81.1
4	108.8
5	136.5
6	164.2
7	191.9

8	219.6
9	247.2
10	274.9
11	302.6
12	330.3
13	358.0
14	39.6

Orbital Plane 5:

Question	Response
Number of Satellites in Plane	14
Inclination Angle	90.0 degrees
Right Ascension of Ascending Node	119.8 degrees
Argument of Perigee	0.0 degrees
Orbital Period	6826.9 seconds
Apogee	1400.0 km
Perigee	1400.0 km
Active Service Arc Begin Angle with respect to Ascending Node	0.0 degrees
Active Service Arc End Angle with respect to Ascending Node	360.0 degrees

Mean Anomaly For Each Satellite

Satellite Number	Mean Anomaly (degrees) at the Orbit Epoch Date
1	15.8
2	43.5
3	71.2
4	98.9
5	126.6

6	154.3
7	182.0
8	209.7
9	237.4
10	265.0
11	292.7
12	320.4
13	348.1
14	29.7

Orbital Plane 6:

Question	Response
Number of Satellites in Plane	14
Inclination Angle	90.0 degrees
Right Ascension of Ascending Node	149.8 degrees
Argument of Perigee	0.0 degrees
Orbital Period	6826.9 seconds
Apogee	1400.0 km
Perigee	1400.0 km
Active Service Arc Begin Angle with respect to Ascending Node	0.0 degrees
Active Service Arc End Angle with respect to Ascending Node	360.0 degrees

Mean Anomaly For Each Satellite

Satellite Number	Mean Anomaly (degrees) at the Orbit Epoch Date
1	19.8
2	338.2
3	310.5

4	282.8
5	255.2
6	227.5
7	199.8
8	172.1
9	144.4
10	116.7
11	89.0
12	61.3
13	33.6
14	5.9

Receiving Beams 1:

Question	Response
Beam ID	TRU
Receive Beam Frequency	28600.0 MHz -28610.0 MHz
Beam Type	Fixed
Polarization	RHCP
Peak Gain	7.0 dBi
Antenna Pointing Error	1.0 degrees
Antenna Rotational Error	1.0 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
G/T at Max. Gain Point	-28.0 dB/K
Min. Saturation Flux Density	-98.0 dBW/m2
Max. Saturation Flux Density	-42.0 dBW/m2
Co- or Cross Polar Mode	C
Service Area Description	Visible Earth

Receiving Beams 2:

Question	Response
Beam ID	TLU
Receive Beam Frequency	28600.0 MHz -28610.0 MHz
Beam Type	Fixed
Polarization	LHCP
Peak Gain	7.0 dBi
Antenna Pointing Error	1.0 degrees
Antenna Rotational Error	1.0 degrees

Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
G/T at Max. Gain Point	-28.0 dB/K
Min. Saturation Flux Density	-98.0 dBW/m2
Max. Saturation Flux Density	-42.0 dBW/m2
Co- or Cross Polar Mode	C
Service Area Description	Visible Earth

Receiving Beams 3:

Question	Response
Beam ID	HRU
Receive Beam Frequency	27500.0 MHz -30000.0 MHz
Beam Type	Steerable
Polarization	RHCP
Peak Gain	39.0 dBi
Antenna Pointing Error	0.2 degrees
Antenna Rotational Error	0.2 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
G/T at Max. Gain Point	10.5 dB/K
Min. Saturation Flux Density	-120.0 dBW/m2
Max. Saturation Flux Density	-88.8 dBW/m2
Co- or Cross Polar Mode	C
Service Area Description	Area above 10 degree angle of arrival

Receiving

Beams 4:

Question	Response
Beam ID	HLU
Receive Beam Frequency	27500.0 MHz -30000.0 MHz
Beam Type	Steerable
Polarization	LHCP
Peak Gain	39.0 dBi
Antenna Pointing Error	0.2 degrees
Antenna Rotational Error	0.2 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
G/T at Max. Gain Point	10.5 dB/K
Min. Saturation Flux Density	-120.0 dBW/m ²
Max. Saturation Flux Density	-88.8 dBW/m ²
Co- or Cross Polar Mode	C
Service Area Description	Area above 10 degree angle of arrival

Receiving Beams 5:

Question	Response
Beam ID	NRU
Receive Beam Frequency	27500.0 MHz -30000.0 MHz
Beam Type	Steerable
Polarization	RHCP
Peak Gain	30.6 dBi
Antenna Pointing Error	0.2 degrees
Antenna Rotational Error	0.2 degrees
Polarization Switchable	

Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
G/T at Max. Gain Point	2.2 dB/K
Min. Saturation Flux Density	-120.0 dBW/m2
Max. Saturation Flux Density	-88.8 dBW/m2
Co- or Cross Polar Mode	C
Service Area Description	Area above 10 degree angle of arrival

Receiving Beams 6:

Question	Response
Beam ID	NLU
Receive Beam Frequency	27500.0 MHz -30000.0 MHz
Beam Type	Steerable
Polarization	LHCP
Peak Gain	30.6 dBi
Antenna Pointing Error	0.2 degrees
Antenna Rotational Error	0.2 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
G/T at Max. Gain Point	2.2 dB/K
Min. Saturation Flux Density	-120.0 dBW/m2
Max. Saturation Flux Density	-88.8 dBW/m2
Co- or Cross Polar Mode	C
Service Area Description	Area above 10 degree angle of arrival

Receiving Beams 7:

Question	Response
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Beam ID	WRU
Receive Beam Frequency	27500.0 MHz -30000.0 MHz
Beam Type	Steerable
Polarization	RHCP
Peak Gain	27.6 dBi
Antenna Pointing Error	0.2 degrees
Antenna Rotational Error	0.2 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
G/T at Max. Gain Point	-0.7 dB/K
Min. Saturation Flux Density	-120.0 dBW/m2
Max. Saturation Flux Density	-88.8 dBW/m2
Co- or Cross Polar Mode	C
Service Area Description	Area above 10 degree angle of arrival

Receiving Beams 8:

Question	Response
Beam ID	WLU
Receive Beam Frequency	27500.0 MHz -30000.0 MHz
Beam Type	Steerable
Polarization	LHCP
Peak Gain	27.6 dBi
Antenna Pointing Error	0.2 degrees
Antenna Rotational Error	0.2 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees

G/T at Max. Gain Point	-0.7 dB/K
Min. Saturation Flux Density	-120.0 dBW/m ²
Max. Saturation Flux Density	-88.8 dBW/m ²
Co- or Cross Polar Mode	C
Service Area Description	Area above 10 degree angle of arrival

Receiving Channels (60)

Channel ID	Channel Bandwidth (MHz)	Center Frequency s (MHz)	Feeder Link, Service Link or TT&C
TLU0	1.0	28600.5	TT&C
WLU4	500.0	29750.0	Service Link
WLU3	400.0	28900.0	Service Link
WLU2	400.0	28500.0	Service Link
WLU1	400.0	28100.0	Service Link
WRU4	500.0	29750.0	Service Link
WRU3	400.0	28900.0	Service Link
WRU2	400.0	28500.0	Service Link
WRU1	400.0	28100.0	Service Link
WRU0	400.0	27700.0	Service Link
TRU0	1.0	28600.5	TT&C
NRU4	500.0	29750.0	Service Link
NRU3	400.0	28900.0	Service Link
NRU2	400.0	28500.0	Service Link
NRU1	400.0	28100.0	Service Link
NRU0	400.0	27700.0	Service Link
NLU4	500.0	29750.0	Service Link
NLU3	400.0	28900.0	Service Link
NLU2	400.0	28500.0	Service Link
NLU1	400.0	28100.0	Service Link
NLU0	400.0	27700.0	Service Link
HLU9	500.0	29750.0	Feeder Link
HLU8	400.0	28900.0	Feeder Link
HLU7	400.0	28500.0	Feeder Link

HLU6	400.0	28100.0	Feeder Link
HLU5	400.0	27700.0	Feeder Link
HLU4	500.0	29750.0	Service Link
HLU3	400.0	28900.0	Service Link
HLU2	400.0	28500.0	Service Link
HLU1	400.0	28100.0	Service Link
HLU0	400.0	27700.0	Service Link
WLU0	400.0	27700.0	Service Link
TRU8	1.0	28608.5	TT&C
TRU7	1.0	28607.5	TT&C
TRU6	1.0	28606.5	TT&C
TRU5	1.0	28605.5	TT&C
TRU4	1.0	28604.5	TT&C
TRU3	1.0	28603.5	TT&C
TRU2	1.0	28602.5	TT&C
TRU1	1.0	28601.5	TT&C
HRU8	400.0	28900.0	Feeder Link
HRU7	400.0	28500.0	Feeder Link
HRU6	400.0	28100.0	Feeder Link
HRU5	400.0	27700.0	Feeder Link
HRU4	500.0	29750.0	Service Link
HRU3	400.0	28900.0	Service Link
HRU2	400.0	28500.0	Service Link
HRU1	400.0	28100.0	Service Link
HRU9	500.0	29750.0	Feeder Link
HRU0	400.0	27700.0	Service Link

TRU9	1.0	28609.5	TT&C
TLU9	1.0	28609.5	TT&C
TLU8	1.0	28608.5	TT&C
TLU7	1.0	28607.5	TT&C
TLU6	1.0	28606.5	TT&C
TLU5	1.0	28605.5	TT&C
TLU4	1.0	28604.5	TT&C
TLU3	1.0	28603.5	TT&C
TLU2	1.0	28602.5	TT&C
TLU1	1.0	28601.5	TT&C

Transmitting Beams 1:

Question	Response
Beam ID	HRD
Transmit Beam Frequency	17800.0 MHz -20200.0 MHz
Beam Type	Steerable
Polarization	RHCP
Peak Gain	34.8 dBi
Antenna Pointing Error	0.2 degrees
Antenna Rotational Error	0.2 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
Max. Transmit EIRP Density	-45.0 dBW/Hz
Max. Transmit EIRP	42.0 dBW
Co- or Cross Polar Mode	C
Service Area Description	Area above 10 degree angle of arrival

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	-129.0	-126.8	-125.8	-124.9	-124.0	-118.9

Transmitting Beams 2:

Question	Response
Beam ID	HLD
Transmit Beam Frequency	17800.0 MHz -20200.0 MHz

Beam Type	Steerable
Polarization	LHCP
Peak Gain	34.8 dBi
Antenna Pointing Error	0.2 degrees
Antenna Rotational Error	0.2 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
Max. Transmit EIRP Density	-45.0 dBW/Hz
Max. Transmit EIRP	42.0 dBW
Co- or Cross Polar Mode	C
Service Area Description	Area above 10 degree angle of arrival

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	-129.0	-126.8	-125.8	-124.9	-124.0	-118.9

Transmitting Beams 3:

Question	Response
Beam ID	NRD
Transmit Beam Frequency	17800.0 MHz -20200.0 MHz
Beam Type	Steerable
Polarization	RHCP
Peak Gain	31.6 dBi
Antenna Pointing Error	0.2 degrees

Antenna Rotational Error	0.2 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
Max. Transmit EIRP Density	-45.0 dBW/Hz
Max. Transmit EIRP	42.0 dBW
Co- or Cross Polar Mode	C
Service Area Description	Area above 10 degree angle of arrival

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	-128.6	-126.8	-125.8	-124.9	-124.0	-118.9

Transmitting Beams 4:

Question	Response
Beam ID	NLD
Transmit Beam Frequency	17800.0 MHz -20200.0 MHz
Beam Type	Steerable
Polarization	LHCP
Peak Gain	31.6 dBi
Antenna Pointing Error	0.2 degrees
Antenna Rotational Error	0.2 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
Max. Transmit EIRP Density	-45.0 dBW/Hz

Max. Transmit EIRP	42.0 dBW
Co- or Cross Polar Mode	C
Service Area Description	Area above 10 degree angle of arrival

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	-128.6	-126.8	-125.8	-124.9	-124.0	-118.9

Transmitting Beams 5:

Question	Response
Beam ID	WRD
Transmit Beam Frequency	17800.0 MHz -20200.0 MHz
Beam Type	Steerable
Polarization	RHCP
Peak Gain	29.6 dBi
Antenna Pointing Error	0.2 degrees
Antenna Rotational Error	0.2 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
Max. Transmit EIRP Density	-45.0 dBW/Hz
Max. Transmit EIRP	42.0 dBW
Co- or Cross Polar Mode	C
Service Area Description	Area above 10 degree angle of arrival

1.0	-128.2	-126.8	-125.8	-124.9	-124.0	-118.9
MHz						

Transmitting Beams 7:

Question	Response
Beam ID	TRD
Transmit Beam Frequency	18800.0 MHz -18810.0 MHz
Beam Type	Fixed
Polarization	RHCP
Peak Gain	7.1 dBi
Antenna Pointing Error	1.0 degrees
Antenna Rotational Error	1.0 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
Max. Transmit EIRP Density	0.0 dBW/Hz
Max. Transmit EIRP	7.0 dBW
Co- or Cross Polar Mode	C
Service Area Description	Visible Earth

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	-135.9	-134.8	-133.8	-132.9	-132.0	-126.9
MHz						

Transmitting Beams 8:

Question	Response
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Beam ID	TLD
Transmit Beam Frequency	18800.0 MHz -18810.0 MHz
Beam Type	Fixed
Polarization	LHCP
Peak Gain	7.1 dBi
Antenna Pointing Error	1.0 degrees
Antenna Rotational Error	1.0 degrees
Polarization Switchable	
Polarization Alignment Relative to the Equatorial Plane	45.0 degrees
Max. Transmit EIRP Density	0.0 dBW/Hz
Max. Transmit EIRP	7.0 dBW
Co- or Cross Polar Mode	C
Service Area Description	Visible Earth

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	-135.9	-134.8	-133.8	-132.9	-132.0	-126.9
MHz						

Transmitting Channels (60)

Channel ID	Channel Bandwidth (MHz)	Center Frequency s (MHz)	Feeder Link, Service Link or TT&C
WRD4	500.0	19950.0	Service Link
WRD3	400.0	19500.0	Service Link
WRD2	500.0	19050.0	Service Link
WRD1	400.0	18400.0	Service Link
WRD0	400.0	18000.0	Service Link
TRD8	1.0	18808.5	TT&C
TRD7	1.0	18807.5	TT&C
TRD6	1.0	18806.5	TT&C
TRD5	1.0	18805.5	TT&C
TRD4	1.0	18804.5	TT&C
TRD3	1.0	18803.5	TT&C
TRD2	1.0	18802.5	TT&C
TRD1	1.0	18801.5	TT&C
TRD9	1.0	18809.5	TT&C
TRD0	1.0	18800.5	TT&C
NRD4	500.0	19950.0	Service Link
NRD3	400.0	19500.0	Service Link
TLD8	1.0	18808.5	TT&C
TLD7	1.0	18807.5	TT&C
TLD6	1.0	18806.5	TT&C
TLD5	1.0	18805.5	TT&C
TLD4	1.0	18804.5	TT&C
TLD3	1.0	18803.5	TT&C
TLD2	1.0	18802.5	TT&C

TLD9	1.0	18809.5	TT&C
TLD1	1.0	18801.5	TT&C
TLD0	1.0	18800.5	TT&C
WLD4	500.0	19950.0	Service Link
WLD3	400.0	19500.0	Service Link
WLD2	500.0	19050.0	Service Link
WLD1	400.0	18400.0	Service Link
NLD4	500.0	19950.0	Service Link
NLD3	400.0	19500.0	Service Link
NLD2	500.0	19050.0	Service Link
NLD1	400.0	18400.0	Service Link
NLD0	400.0	18000.0	Service Link
HLD9	500.0	19950.0	Feeder Link
HLD8	400.0	19500.0	Feeder Link
HLD7	500.0	19050.0	Feeder Link
HLD6	400.0	18400.0	Feeder Link
HLD5	400.0	18000.0	Feeder Link
HLD4	500.0	19950.0	Service Link
HLD3	400.0	19500.0	Service Link
HLD2	500.0	19050.0	Service Link
HLD1	400.0	18400.0	Service Link
HLD0	400.0	18000.0	Service Link
WLD0	400.0	18000.0	Service Link
NRD2	500.0	19050.0	Service Link
NRD1	400.0	18400.0	Service Link
NRD0	400.0	18000.0	Service Link

HRD8	400.0	19500.0	Feeder Link
HRD7	500.0	19050.0	Feeder Link
HRD6	400.0	18400.0	Feeder Link
HRD5	400.0	18000.0	Feeder Link
HRD4	500.0	19950.0	Service Link
HRD2	500.0	19050.0	Service Link
HRD3	400.0	19500.0	Service Link
HRD1	400.0	18400.0	Service Link
HRD9	500.0	19950.0	Feeder Link
HRD0	400.0	18000.0	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?	Yes
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?	Yes
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	Description
<u>Beams-c1-c1.pdf</u>		NGSO Antenna Gain Data	PDF file (*.pdf)	Beam Information