



312 File Number: **SATLOI2019032800020**

Filing Description

| Question | Response |
|-------------|----------------|
| Description | Myriota System |

**Satellite
Information**

| Question | Response |
|--|----------|
| Select Orbit Type | NGSO |
| Space Station or Satellite Network Name | Myriota |
| 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 |
|---|---|--------------------------|--------------|
| Other Satellite Service (please specify) | Non-Voice, Non- Geostationary Mobile- Satellite Service | 400.15 MHz -401.0 MHz | Transmit |
| Other Satellite Service (please specify) | Non-Voice, Non- Geostationary Mobile- Satellite Service | 399.9 MHz -400.05 MHz | Receive |

**Orbital
Information For
Non-
Geostationary
Satellites**

| Question | Response |
|--|------------|
| Total Number of Satellites in the active constellation | 26 |
| Orbit Epoch Date | 12/01/2019 |
| Celestial Reference Body | Earth |

Orbital Plane 1:

| Question | Response |
|---|----------------|
| Number of Satellites in Plane | 2 |
| Inclination Angle | 97.69 degrees |
| Right Ascension of Ascending Node | 0.0 degrees |
| Argument of Perigee | 0.0 degrees |
| Orbital Period | 5820.0 seconds |
| Apogee | 600.0 km |
| Perigee | 600.0 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 | 180.0 |
| 2 | 0.0 |

Orbital Plane 2:

| Question | Response |
|---|----------------|
| Number of Satellites in Plane | 2 |
| Inclination Angle | 97.69 degrees |
| Right Ascension of Ascending Node | 30.0 degrees |
| Argument of Perigee | 0.0 degrees |
| Orbital Period | 5820.0 seconds |
| Apogee | 600.0 km |
| Perigee | 600.0 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 | 240.0 |
| 2 | 60.0 |

Orbital Plane 3:

| Question | Response |
|---|----------------|
| Number of Satellites in Plane | 2 |
| Inclination Angle | 97.69 degrees |
| Right Ascension of Ascending Node | 60.0 degrees |
| Argument of Perigee | 0.0 degrees |
| Orbital Period | 5820.0 seconds |
| Apogee | 600.0 km |
| Perigee | 600.0 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 | 300.0 |
| 2 | 120.0 |

Orbital Plane 4:

| Question | Response |
|-----------------------------------|---------------|
| Number of Satellites in Plane | 2 |
| Inclination Angle | 97.69 degrees |
| Right Ascension of Ascending Node | 90.0 degrees |

| | |
|---|----------------|
| Argument of Perigee | 0.0 degrees |
| Orbital Period | 5820.0 seconds |
| Apogee | 600.0 km |
| Perigee | 600.0 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 |
| 2 | 180.0 |

Orbital Plane 5:

| Question | Response |
|---|----------------|
| Number of Satellites in Plane | 2 |
| Inclination Angle | 97.69 degrees |
| Right Ascension of Ascending Node | 120.0 degrees |
| Argument of Perigee | 0.0 degrees |
| Orbital Period | 5820.0 seconds |
| Apogee | 600.0 km |
| Perigee | 600.0 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 | 60.0 |

| | |
|---|-------|
| 2 | 240.0 |
|---|-------|

Orbital Plane 6:

| Question | Response |
|---|----------------|
| Number of Satellites in Plane | 2 |
| Inclination Angle | 97.69 degrees |
| Right Ascension of Ascending Node | 150.0 degrees |
| Argument of Perigee | 0.0 degrees |
| Orbital Period | 5820.0 seconds |
| Apogee | 600.0 km |
| Perigee | 600.0 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 | 270.0 |
| 2 | 90.0 |

Orbital Plane 7:

| Question | Response |
|-----------------------------------|----------------|
| Number of Satellites in Plane | 2 |
| Inclination Angle | 54.0 degrees |
| Right Ascension of Ascending Node | 0.0 degrees |
| Argument of Perigee | 0.0 degrees |
| Orbital Period | 5820.0 seconds |
| Apogee | 600.0 km |
| Perigee | 600.0 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 | 90.0 |
| 2 | 0.0 |

Orbital Plane 8:

| Question | Response |
|---|----------------|
| Number of Satellites in Plane | 1 |
| Inclination Angle | 54.0 degrees |
| Right Ascension of Ascending Node | 30.0 degrees |
| Argument of Perigee | 0.0 degrees |
| Orbital Period | 5820.0 seconds |
| Apogee | 600.0 km |
| Perigee | 600.0 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 | 300.0 |

Orbital Plane 9:

| Question | Response |
|-------------------------------|--------------|
| Number of Satellites in Plane | 1 |
| Inclination Angle | 54.0 degrees |

| | |
|---|----------------|
| Right Ascension of Ascending Node | 60.0 degrees |
| Argument of Perigee | 0.0 degrees |
| Orbital Period | 5820.0 seconds |
| Apogee | 600.0 km |
| Perigee | 600.0 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 | 240.0 |

Orbital Plane 10:

| Question | Response |
|---|----------------|
| Number of Satellites in Plane | 1 |
| Inclination Angle | 54.0 degrees |
| Right Ascension of Ascending Node | 90.0 degrees |
| Argument of Perigee | 0.0 degrees |
| Orbital Period | 5820.0 seconds |
| Apogee | 600.0 km |
| Perigee | 600.0 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 | 180.0 |

Orbital Plane 11:

| Question | Response |
|---|----------------|
| Number of Satellites in Plane | 1 |
| Inclination Angle | 54.0 degrees |
| Right Ascension of Ascending Node | 120.0 degrees |
| Argument of Perigee | 0.0 degrees |
| Orbital Period | 5820.0 seconds |
| Apogee | 600.0 km |
| Perigee | 600.0 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 | 120.0 |

Orbital Plane 12:

| Question | Response |
|---|----------------|
| Number of Satellites in Plane | 1 |
| Inclination Angle | 54.0 degrees |
| Right Ascension of Ascending Node | 150.0 degrees |
| Argument of Perigee | 0.0 degrees |
| Orbital Period | 5820.0 seconds |
| Apogee | 600.0 km |
| Perigee | 600.0 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 | 60.0 |

Orbital Plane 13:

| Question | Response |
|---|----------------|
| Number of Satellites in Plane | 2 |
| Inclination Angle | 54.0 degrees |
| Right Ascension of Ascending Node | 180.0 degrees |
| Argument of Perigee | 0.0 degrees |
| Orbital Period | 5820.0 seconds |
| Apogee | 600.0 km |
| Perigee | 600.0 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 | 90.0 |
| 2 | 0.0 |

Orbital Plane 14:

| Question | Response |
|-----------------------------------|----------------|
| Number of Satellites in Plane | 1 |
| Inclination Angle | 54.0 degrees |
| Right Ascension of Ascending Node | 210.0 degrees |
| Argument of Perigee | 0.0 degrees |
| Orbital Period | 5820.0 seconds |

| | |
|---|-------------|
| Apogee | 600.0 km |
| Perigee | 600.0 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 | 300.0 |

Orbital Plane 15:

| Question | Response |
|---|----------------|
| Number of Satellites in Plane | 1 |
| Inclination Angle | 54.0 degrees |
| Right Ascension of Ascending Node | 240.0 degrees |
| Argument of Perigee | 0.0 degrees |
| Orbital Period | 5820.0 seconds |
| Apogee | 600.0 km |
| Perigee | 600.0 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 | 240.0 |

Orbital Plane 16:

| Question | Response |
|-------------------------------|----------|
| Number of Satellites in Plane | 1 |

| | |
|---|----------------|
| Inclination Angle | 54.0 degrees |
| Right Ascension of Ascending Node | 270.0 degrees |
| Argument of Perigee | 0.0 degrees |
| Orbital Period | 5820.0 seconds |
| Apogee | 600.0 km |
| Perigee | 600.0 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 | 180.0 |

Orbital Plane 17:

| Question | Response |
|---|----------------|
| Number of Satellites in Plane | 1 |
| Inclination Angle | 54.0 degrees |
| Right Ascension of Ascending Node | 300.0 degrees |
| Argument of Perigee | 0.0 degrees |
| Orbital Period | 5820.0 seconds |
| Apogee | 600.0 km |
| Perigee | 600.0 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 | 120.0 |
|---|-------|

Orbital Plane 18:

| Question | Response |
|---|----------------|
| Number of Satellites in Plane | 1 |
| Inclination Angle | 54.0 degrees |
| Right Ascension of Ascending Node | 330.0 degrees |
| Argument of Perigee | 0.0 degrees |
| Orbital Period | 5820.0 seconds |
| Apogee | 600.0 km |
| Perigee | 600.0 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 | 60.0 |

Receiving Beams 1:

| Question | Response |
|---|-------------------------|
| Beam ID | UL1 |
| Receive Beam Frequency | 399.9 MHz -400.05 MHz |
| Beam Type | Fixed |
| Polarization | H |
| Peak Gain | 2.15 dBi |
| Antenna Pointing Error | 2.0 degrees |
| Antenna Rotational Error | 2.0 degrees |
| Polarization Switchable | |
| Polarization Alignment Relative to the Equatorial Plane | 0.0 degrees |
| G/T at Max. Gain Point | -30.0 dB/K |
| Min. Saturation Flux Density | -0.1 dBW/m ² |
| Max. Saturation Flux Density | 0.0 dBW/m ² |
| Co- or Cross Polar Mode | C |
| Service Area Description | Global |

Receiving Beams 2:

| Question | Response |
|--------------------------|-----------------------|
| Beam ID | UL2 |
| Receive Beam Frequency | 399.9 MHz -400.05 MHz |
| Beam Type | Fixed |
| Polarization | V |
| Peak Gain | 2.15 dBi |
| Antenna Pointing Error | 2.0 degrees |
| Antenna Rotational Error | 2.0 degrees |
| Polarization Switchable | |

| | |
|---|-------------------------|
| Polarization Alignment Relative to the Equatorial Plane | 90.0 degrees |
| G/T at Max. Gain Point | -30.0 dB/K |
| Min. Saturation Flux Density | -0.1 dBW/m ² |
| Max. Saturation Flux Density | 0.0 dBW/m ² |
| Co- or Cross Polar Mode | C |
| Service Area Description | Global |

Receiving Channels (15)

| Channel ID | Channel Bandwidth (MHz) | Center Frequency s (MHz) | Feeder Link, Service Link or TT&C |
|------------|-------------------------|--------------------------|-----------------------------------|
| UC10 | 0.01 | 399.995 | Service Link |
| UC11 | 0.01 | 400.005 | Service Link |
| UC12 | 0.01 | 400.015 | Service Link |
| UC13 | 0.01 | 400.025 | Service Link |
| UC14 | 0.01 | 400.035 | Service Link |
| UC2 | 0.01 | 399.915 | Service Link |
| UC3 | 0.01 | 399.925 | Service Link |
| UC4 | 0.01 | 399.935 | Service Link |
| UC8 | 0.01 | 399.975 | Service Link |
| UC7 | 0.01 | 399.965 | Service Link |
| UC6 | 0.01 | 399.955 | Service Link |
| UC5 | 0.01 | 399.945 | Service Link |
| UC9 | 0.01 | 399.985 | Service Link |
| UC15 | 0.01 | 400.045 | Service Link |
| UC1 | 0.01 | 399.905 | Service Link |

Transmitting Beams 1:

| Question | Response |
|---|-----------------------|
| Beam ID | DL1 |
| Transmit Beam Frequency | 400.15 MHz -401.0 MHz |
| Beam Type | Fixed |
| Polarization | H |
| Peak Gain | 2.15 dBi |
| Antenna Pointing Error | 2.0 degrees |
| Antenna Rotational Error | 2.0 degrees |
| Polarization Switchable | |
| Polarization Alignment Relative to the Equatorial Plane | 0.0 degrees |
| Max. Transmit EIRP Density | -34.5 dBW/Hz |
| Max. Transmit EIRP | 14.5 dBW |
| Co- or Cross Polar Mode | C |
| Service Area Description | Global |

Max. Power Flux Density

| | * 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): |
|----------------|---|--|---|---|---|---|
| 4.0 kHz | -125.0 | -125.0 | -125.0 | -125.0 | -125.0 | -125.0 |

Transmitting Beams 2:

| Question | Response |
|-------------------------|-----------------------|
| Beam ID | DL2 |
| Transmit Beam Frequency | 400.15 MHz -401.0 MHz |
| Beam Type | Fixed |
| Polarization | V |

| | |
|---|--------------|
| Peak Gain | 2.15 dBi |
| Antenna Pointing Error | 2.0 degrees |
| Antenna Rotational Error | 2.0 degrees |
| Polarization Switchable | |
| Polarization Alignment Relative to the Equatorial Plane | 90.0 degrees |
| Max. Transmit EIRP Density | -34.5 dBW/Hz |
| Max. Transmit EIRP | 14.5 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): |
| 4.0 | -125.0 | -125.0 | -125.0 | -125.0 | -125.0 | -125.0 |
| kHz | | | | | | |

Transmitting Channels (85)

| Channel ID | Channel Bandwidth (MHz) | Center Frequency s (MHz) | Feeder Link, Service Link or TT&C |
|------------|-------------------------|--------------------------|-----------------------------------|
| DC55 | 0.01 | 400.695 | Service Link |
| DC2 | 0.01 | 400.165 | Service Link |
| DC27 | 0.01 | 400.415 | Service Link |
| DC28 | 0.01 | 400.425 | Service Link |
| DC29 | 0.01 | 400.435 | Service Link |
| DC82 | 0.01 | 400.965 | Service Link |
| DC83 | 0.01 | 400.975 | Service Link |
| DC36 | 0.01 | 400.505 | Service Link |
| DC37 | 0.01 | 400.515 | Service Link |
| DC38 | 0.01 | 400.525 | Service Link |
| DC39 | 0.01 | 400.535 | Service Link |
| DC4 | 0.01 | 400.185 | Service Link |
| DC40 | 0.01 | 400.545 | Service Link |
| DC41 | 0.01 | 400.555 | Service Link |
| DC42 | 0.01 | 400.565 | Service Link |
| DC85 | 0.01 | 400.995 | Service Link |
| DC84 | 0.01 | 400.985 | Service Link |
| DC54 | 0.01 | 400.685 | Service Link |
| DC53 | 0.01 | 400.675 | Service Link |
| DC52 | 0.01 | 400.665 | Service Link |
| DC11 | 0.01 | 400.255 | Service Link |
| DC12 | 0.01 | 400.265 | Service Link |
| DC13 | 0.01 | 400.275 | Service Link |
| DC14 | 0.01 | 400.285 | Service Link |

| | | | |
|-------------|------|---------|------------------------------|
| DC15 | 0.01 | 400.295 | Service Link |
| DC16 | 0.01 | 400.305 | Service Link |
| DC17 | 0.01 | 400.315 | Service Link |
| DC18 | 0.01 | 400.325 | Service Link |
| DC19 | 0.01 | 400.335 | Service Link |
| DC20 | 0.01 | 400.345 | Service Link |
| DC21 | 0.01 | 400.355 | Service Link |
| DC22 | 0.01 | 400.365 | Service Link |
| DC23 | 0.01 | 400.375 | Service Link |
| DC24 | 0.01 | 400.385 | Service Link |
| DC25 | 0.01 | 400.395 | Service Link |
| DC26 | 0.01 | 400.405 | Service Link |
| DC3 | 0.01 | 400.175 | Service Link |
| DC30 | 0.01 | 400.445 | Service Link |
| DC31 | 0.01 | 400.455 | Service Link |
| DC32 | 0.01 | 400.465 | Service Link |
| DC33 | 0.01 | 400.475 | Service Link |
| DC34 | 0.01 | 400.485 | Service Link |
| DC35 | 0.01 | 400.495 | Service Link |
| DC56 | 0.01 | 400.705 | Service Link |
| DC57 | 0.01 | 400.715 | Service Link |
| DC58 | 0.01 | 400.725 | Service Link |
| DC59 | 0.01 | 400.735 | Service Link |
| DC60 | 0.01 | 400.745 | Service Link |
| DC61 | 0.01 | 400.755 | Service Link |
| DC62 | 0.01 | 400.765 | Service Link |

| | | | |
|-------------|------|---------|------------------------------|
| DC63 | 0.01 | 400.775 | Service Link |
| DC64 | 0.01 | 400.785 | Service Link |
| DC65 | 0.01 | 400.795 | Service Link |
| DC66 | 0.01 | 400.805 | Service Link |
| DC67 | 0.01 | 400.815 | Service Link |
| DC68 | 0.01 | 400.825 | Service Link |
| DC69 | 0.01 | 400.835 | Service Link |
| DC70 | 0.01 | 400.845 | Service Link |
| DC71 | 0.01 | 400.855 | Service Link |
| DC72 | 0.01 | 400.865 | Service Link |
| DC73 | 0.01 | 400.875 | Service Link |
| DC74 | 0.01 | 400.885 | Service Link |
| DC75 | 0.01 | 400.895 | Service Link |
| DC76 | 0.01 | 400.905 | Service Link |
| DC77 | 0.01 | 400.915 | Service Link |
| DC78 | 0.01 | 400.925 | Service Link |
| DC79 | 0.01 | 400.935 | Service Link |
| DC80 | 0.01 | 400.945 | Service Link |
| DC81 | 0.01 | 400.955 | Service Link |
| DC49 | 0.01 | 400.635 | Service Link |
| DC1 | 0.01 | 400.155 | Service Link |
| DC10 | 0.01 | 400.245 | Service Link |
| DC43 | 0.01 | 400.575 | Service Link |
| DC44 | 0.01 | 400.585 | Service Link |
| DC45 | 0.01 | 400.595 | Service Link |
| DC46 | 0.01 | 400.605 | Service Link |

| | | | |
|-------------|------|---------|--------------|
| DC47 | 0.01 | 400.615 | Service Link |
| DC48 | 0.01 | 400.625 | Service Link |
| DC5 | 0.01 | 400.195 | Service Link |
| DC6 | 0.01 | 400.205 | Service Link |
| DC7 | 0.01 | 400.215 | Service Link |
| DC8 | 0.01 | 400.225 | Service Link |
| DC9 | 0.01 | 400.235 | Service Link |
| DC50 | 0.01 | 400.645 | Service Link |
| DC51 | 0.01 | 400.655 | 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? | N/A |
| 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 | Description |
|--|------|------------------------|------------------|-------------|
| <u>Gain Contours.pdf</u> | | NGSO Antenna Gain Data | PDF file (*.pdf) | |