E16. If the proposed antenna(s) do not operate in the Fixed Satellite Service (FSS), or if they operate in t Satellite Service (FSS) with non-geostationary satellites, do(es) the proposed antenna(s) comply with the gain patterns specified in Section 25.209(a2) and (b) as demonstrated by the manufacturer's certification measurements? Yes No N/A

E17. Is the facility operated by remote control? If YES, provide the location and telephone number of the c point. Yes No

E18. Is frequency coordination required? If YES, attach a frequency coordination report as Yes No

E19. Is coordination with another country required? If YES, attach the name of the country(ies) and plot of coordination contours as Yes No

E20. FAA Notification - (See 47 CFR Part 17 and 47 CFR part 25.113(c)) Where FAA notification is req have you attached a copy of a completed FCC Form 854 and/or the FAA's study regarding the potential ha the structure to aviation? Yes No

FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION.

POINTS OF COMMUNICATION

| | |
|---|---|
| Satellite Name: PERMITTED LIST \| \| If you selected OTHER, please enter the following: | |
| E21. Common Name: | E22. ITU Name: |
| E23. Orbit Location: | E24. Country: USA |

POINTS OF COMMUNICATION (Destination Points)

| | |
|---|---|
| E25. Site Identifier: | |
| E26. Common Name: | E27. Country: |

ANTENNA

| Site ID | E28. Antenna Id | E29. Quantity | E30. Manufacturer | E31. Model | E32. Antenna Size<meters> | E41/42. Antenna Gain Transmint and/or Recieve (____dBi at _____GHz) |
|---|---|---|---|---|---|---|
| Rochester, NY | 1 | 1 | Comtech | 934D0015-G2 | 3.8 | 41.8 dBi at 4.0 |
| Rochester, NY | 2 | 1 | ATCI | Simulsat 5 | 4.8 | 44.1 dBi at 4.0 |
| Rochester, NY | 3 | 1 | SAM I | Unknown | 3.0 | 40.0 dBi at 4.0 |
| Rochester, NY | 4 | 1 | Prodelin | 1132 | 1.2 | 32.0 dBi at 4.0 |
| Rochester, NY | 5 | 1 | Prodelin | 1304 | 3.0 | 40.0 dBi at 4.0 |
| Rochester, NY | 6 | 1 | Patriot | PRT-310 | 3.0 | 40.0 dBi at 4.0 |
| Rochester, NY | 7 | 1 | Comtech | Unknown | 3.0 | 40.0 dBi at 4.0 |

| E28. Antenna Id | E33/34. Diameter Minor/Major (meters) | E35. Above Ground Level (meters) | E36. Above Sea Level(meters) | E37. Building Height Above Ground Level (meters) | E38. Total Input Power at antenna flange (Watts) | E39. Maximum Antenna Height Above Rooftop (meters) | E40. Total EIRP for al carriers(dBW) |
|---|---|---|---|---|---|---|---|
| 1 | 0.0/0.0 | 6.1 | 165.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2 | 0.0/0.0 | 6.1 | 165.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 3 | 0.0/0.0 | 6.1 | 165.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 4 | 0.0/0.0 | 6.1 | 165.2 | 0.0 | 0.0 | 0.0 | 0.0 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 5 | 0.0/0.0 | 6.1 | 165.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 6 | 0.0/0.0 | 6.1 | 165.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| 7 | 0.0/0.0 | 6.1 | 165.2 | 0.0 | 0.0 | 0.0 | 0.0 |

FREQUENCY

| E28. Antenna Id | E43/44. Frequency Bands (MHz) | | E45. T/R<br>Mode | E46. Antenna Polarization(H,V, L,R) | E47. Emission Designator | E48. Maximum EIRP per Carrier (dBW) | E49. Maximum ERIP Density per Carrier (dBW/4kHz) |
|---|---|---|---|---|---|---|---|
| 1 | 3700 | 4200 | R | Horizontal and Vertical | 36M0G7W | 0.0 | 0.0 |

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it i entirety.)

Video, Audio, Data

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 2 | 3700 | 4200 | R | Horizontal and Vertical | 36M0G7W | 0.0 | 0.0 |

E50. Modulation and Services(If the complete description does not appear in this box, please go to the end of the form to view it i entirety.)

Video, Audio, Data

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 3 | 3700 | 4200 | R | Horizontal and Vertical | 36M0G7W | 0.0 | 0.0 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 3 | Geostationary | 3700<br>4200 | 60.0/143.0 | 155.1 | 37.1 | 252.6 | 9.1 | 0.0 |
| 4 | Geostationary | 3700<br>4200 | 60.0/143.0 | 155.1 | 37.1 | 252.6 | 9.1 | 0.0 |
| 5 | Geostationary | 3700<br>4200 | 60.0/143.0 | 155.1 | 37.1 | 252.6 | 9.1 | 0.0 |
| 6 | Geostationary | 3700<br>4200 | 60.0/143.0 | 155.1 | 37.1 | 252.6 | 9.1 | 0.0 |
| 7 | Geostationary | 3700<br>4200 | 60.0/143.0 | 155.1 | 37.1 | 252.6 | 9.1 | 0.0 |

REMOTE CONTROL POINT LOCATION

E61. Call Sign

E66. Phone Number

NOTE: Please enter the callsign of the controlling station, not tl
callsign for which this application is being filed.

E62. Street Address

E63. City

E68. County

E67/68. State/Country /

E64. Zip Code

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