MSSNK 1-25	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

MSSNK 1-25	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

MSSNK 1-25	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

MSSNK 1-25	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

FREQUENCY COORDINATION

E28. Antenna Id	E51. Satellite Orbit Type	E52/53. Frequency Limits(MHz)	E54/55. Range of Satellite Arc E/W Limit	E56. Earth Station Azimuth Angle Eastern Limit	E57. Antenna Elevation Angle Eastern Limit	E58. Earth Station Azimuth Angle Western Limit	E59. Antenna Elevation Angle Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
MSSNK 1-25	Geostationary	3700 4200	58.0/ 143.0	130.2	31.1	240.8	23.2	0.0
	Geostationary	3700 4200	58.0/ 143.0	130.2	31.1	240.8	23.2	0.0
	Geostationary	3700 4200	58.0/ 143.0	130.2	31.1	240.8	23.2	0.0
	Geostationary	3700 4200	58.0/ 143.0	130.2	31.1	240.8	23.2	0.0
	Geostationary	3700 4200	58.0/ 143.0	130.2	31.1	240.8	23.2	0.0
	Geostationary	3700 4200	58.0/ 143.0	130.2	31.1	240.8	23.2	0.0

Geostationary	3700 4200	58.0/ 143.0	130.2	31.1	240.8	23.2	0.0
Geostationary	3700 4200	58.0/ 143.0	130.2	31.1	240.8	23.2	0.0

REMOTE CONTROL POINT LOCATION

E61. Call Sign

E65. 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

E67. County

E64/68. State/Country /

E66. Zip Code

SATELLITE EARTH STATION AUTHORIZATIONS
FCC Form 312 - Schedule B:(Technical and Operational Description)
FOR OFFICIAL USE ONLY

Location of Earth Station Site

E1: Site Identifier:	MSSNKSFR	E5. Call Sign:		
E2: Contact Name	Todd Jones	E6. Phone Number:	913-676-7903	
E3. Street:	5400 Foxridge Dr.	E7. City:	Mission	
		E8. County:		
E4. State	KS	E9. Zip Code	66202	
E10. Area of Operation:		Mission, KS		
E11. Latitude:	0 °0 '0.0 "			
E12. Longitude:	0 °0 '0.0 "			
E13. Lat/Lon Coordinates are:		NAD-27	NAD-83	N/A
E14. Site Elevation (AMSL):		291.8meters		

E15. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as dem by the manufacturer's qualification measurement? If NO, provide a detailed technical analysis showing compliance wi two-degree spacing policy.	Yes	No	N/A
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 qualification 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 require you attached a copy of a completed FCC Form 854 and or the FAA's study regarding the potential hazard structure to aviation? FAILURE TO COMPLY WITH 47 CFR PARTS 17 AND 25 WILL RESULT IN THE RETURN OF THIS APPLICATION.	Yes	No

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:

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

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

Satellite Name: PERMITTED LIST | | If you selected OTHER, please enter the following:

E21. Common Name: E22. ITU Name:

E23. Orbit Location: E24. Country:

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 GainTransmint and/or Recieve (____dBi at _____GHz)
MSSNKSFR	MSSNK 1-25	25	ViaSat	Superior 8345	4.5	43.6 dBi at 4
						43.6 dBi at 4
						43.6 dBi at 4
						43.6 dBi at 4

						43.6 dBi at 4
						43.6 dBi at 4
						43.6 dBi at 4
						43.6 dBi at 4

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)
MSSNK 1-25	4.5/4.5	5.2	297.0	0.0	0.0	0.0	0.0
MSSNK 1-25	4.5/4.5	5.2	297.0	0.0	0.0	0.0	0.0
MSSNK 1-25	4.5/4.5	5.2	297.0	0.0	0.0	0.0	0.0
MSSNK 1-25	4.5/4.5	5.2	297.0	0.0	0.0	0.0	0.0

FREQUENCY

E28. Antenna Id	E43/44. Frequency Bands (MHz)	E45. T/R 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)
MSSNK 1-25	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 entirety.)

Video

MSSNK 1-25	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 entirety.)

Video

MSSNK 1-25	3700	4200	R	Horizontal and Vertical	36M0G7W	0.0	0.0

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MSSNK 1-25	3700	4200	R	Horizontal and Vertical	36M0G7W	0.0	0.0

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MSSNK 1-25	3700	4200	R	Horizontal and Vertical	36M0G7W	0.0	0.0

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MSSNK 1-25	3700	4200	R	Horizontal and Vertical	36M0G7W	0.0	0.0

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MSSNK 1-25	3700 4200	R	Horizontal and Vertical	36M0G7W	0.0	0.0

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MSSNK 1-25	Geostationary	3700 4200	58.0/ 143.0	130.2	31.1	240.8	23.2	0.0
	Geostationary	3700 4200	58.0/ 143.0	130.2	31.1	240.8	23.2	0.0

Geostationary	3700 4200	58.0/ 143.0	130.2	31.1	240.8	23.2	0.0
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Geostationary	3700 4200	58.0/ 143.0	130.2	31.1	240.8	23.2	0.0
Geostationary	3700 4200	58.0/ 143.0	130.2	31.1	240.8	23.2	0.0

REMOTE CONTROL POINT LOCATION

E61. Call Sign NOTE: Please enter the callsign of the controlling station, not tl callsign for which this application is being filed.		E65. Phone Number	
E62. Street Address			
E63. City	E67. County	E64/68. State/Country /	E66. Zip Code

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please write to the Federal Communications Commission, AMD-PERM, Paperwork Reduction Project (3060-0678), Washington, DC
We will also accept your comments regarding the Paperwork Reduction Act aspects of this collection via the Internet if you send them
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