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 in its 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 in its entirety.)

Video, Audio, Data

FREQUENCY COORDINATION

E28. Antenna Id	**E51. Satellite Orbit Type**	**E52/53. Frequency Limits(MHz)**	**E54/55. Range of Satellite Arc Eastern/Western 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)**
1	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0

	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
2	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0

REMOTE CONTROL POINT LOCATION

E61. Call Sign

E66. Phone Number

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

E62. Street Address

E63. City

E68. County

E67/68. State/Country

/

E64. 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:	Chillicothe, OH	E5. Call Sign:	E181500	
E2: Contact Name	Alexis Anderten	E6. Phone Number:	3033231423	
E3. Street:	37 Enterprise Pl Dr	E7. City:	Chillicothe	
		E8. County:	Ross	
E4. State	OH	E9. Zip Code	45601	
E10. Area of Operation:		Chillicothe, OH		
E11. Latitude:	39 °21 ’9.7 "N			
E12. Longitude:	82 °58 ’20.1 "W			
E13. Lat/Lon Coordinates are:		○ NAD−27	◉ NAD−83	○ N/A
E14. Site Elevation (AMSL):		190.5 meters		

E15. If the proposed antenna(s) operate in the Fixed Satellite Service (FSS) with geostationary satellites, do(es) the proposed antenna(s) comply with the antenna gain patterns specified in Section 25.209(a) and (b) as demonstrated by the manufacturer’s qualification measurement? If NO, provide as a technical analysis showing compliance with 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 the Fixed Satellite Service (FSS) with non−geostationary satellites, do(es) the proposed antenna(s) comply with the antenna 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 control 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 required, have you attached a copy of a completed FCC Form 854 and/or the FAA's study regarding the potential hazard of the 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: USA

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

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

E21. Common Name: E22. ITU Name:

E23. Orbit Location: E24. Country: USA

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

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)
Chillicothe, OH	1	1	Patriot	Unknown	5.0	44.4 dBi at 4.0
Chillicothe, OH	1	1	Patriot	Unknown	5.0	44.4 dBi at 4.0
Chillicothe, OH	1	1	Patriot	Unknown	5.0	44.4 dBi at 4.0
Chillicothe, OH	1	1	Patriot	Unknown	5.0	44.4 dBi at 4.0
Chillicothe, OH	1	1	Patriot	Unknown	5.0	44.4 dBi at 4.0
Chillicothe, OH	1	1	Patriot	Unknown	5.0	44.4 dBi at 4.0
Chillicothe, OH	1	1	Patriot	Unknown	5.0	44.4 dBi at 4.0
Chillicothe, OH	1	1	Patriot	Unknown	5.0	44.4 dBi at 4.0
Chillicothe, OH	2	1	Patriot	Unknown	4.5	43.0 dBi at 4.0

Chillicothe, OH	2	1	Patriot	Unknown	4.5	43.0 dBi at 4.0	
Chillicothe, OH	2	1	Patriot	Unknown	4.5	43.0 dBi at 4.0	
Chillicothe, OH	2	1	Patriot	Unknown	4.5	43.0 dBi at 4.0	
Chillicothe, OH	2	1	Patriot	Unknown	4.5	43.0 dBi at 4.0	
Chillicothe, OH	2	1	Patriot	Unknown	4.5	43.0 dBi at 4.0	
Chillicothe, OH	2	1	Patriot	Unknown	4.5	43.0 dBi at 4.0	
Chillicothe, OH	2	1	Patriot	Unknown	4.5	43.0 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	196.6	0.0	0.0	0.0	0.0
1	0.0/0.0	6.1	196.6	0.0	0.0	0.0	0.0
1	0.0/0.0	6.1	196.6	0.0	0.0	0.0	0.0
1	0.0/0.0	6.1	196.6	0.0	0.0	0.0	0.0
2	0.0/0.0	6.1	196.6	0.0	0.0	0.0	0.0
2	0.0/0.0	6.1	196.6	0.0	0.0	0.0	0.0
2	0.0/0.0	6.1	196.6	0.0	0.0	0.0	0.0

2	0.0/0.0	6.1	196.6	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)
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 in its entirety.)

Video, Audio, Data

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 in its entirety.)

Video, Audio, Data

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 in its entirety.)

Video, Audio, Data

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 in its entirety.)

Video, Audio, Data

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 in its entirety.)

Video, Audio, Data

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 in its entirety.)

Video, Audio, Data

1	3700	4200	R	Horizontal and Vertical	36M0G7W	0.0	0.0

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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 in its 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 in its entirety.)

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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 in its entirety.)

Video, Audio, Data

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2	3700	4200	R	Horizontal and Vertical	36M0G7W	0.0	0.0

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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 in its entirety.)

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2	3700	4200	R	Horizontal and Vertical	36M0G7W	0.0	0.0

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Video, Audio, Data

FREQUENCY COORDINATION

E28. Antenna Id	**E51. Satellite Orbit Type**	**E52/53. Frequency Limits(MHz)**	**E54/55. Range of Satellite Arc Eastern/Western 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)**
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	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
2	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0
	Geostationary	3700 4200	60.0/143.0	146.2	38.6	249.9	14.3	0.0

REMOTE CONTROL POINT LOCATION

E61. Call Sign NOTE: Please enter the callsign of the controlling station, not the callsign for which this application is being filed.		E66. Phone Number
E62. Street Address		
E63. City	E68. County	E67/68. State/Country /

E64. Zip Code

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