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:	Antenna 15	E5: Call Sign:	
E2: Contact Name:	Jay LaPrise	E6: Phone Number:	305-582-8824
E3: Street:	1050 Techwood Drive	E7: City:	Atlanta
E4: State:	1c3d5cd7dbbd22008e0b75131f96193d	E8: County:	Fulton
		E9: Zip Code:	30318
E10: Area of Operation:	Continental US		
E11: Latitude:	33° 47' 2"		
E12: Longitude:	84° 23' 39"		
E13: Lat/Lon Coordinates are:	nad-83		
E14: Site Elevation (AMSL):	269		

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 a technical analysis showing compliance with two-degree spacing policy.	Yes
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(a) and (b) as demonstrated by the manufacturer's qualification measurement?	N/A
Is Frequency Coordination required?	No
Is coordination with another country required?	No
Is FAA notification required?	No
Is facility operated by remote control?	No

POINTS OF COMMUNICATION

Satellite Name: PERMITTED LIST	
E21. Common Name: PERMITTED LIST	E22. ITU Name: PERMITTED LIST
E23. Orbit Location: GSO	E24. Country:

ANTENNA

Site ID	E28. Antenna Id	E29. Quantity	E30. Manufacturer	E31. Model	E32. Antenna Size (meters)	E41/42. Antenna Gain Transmit and/or Recieve (dBi at GHz)
Antenna 15	2	1	Scientific Atlanta	8010K	7	undefined at 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 all carriers (dBW)
2	7/7	8.1	277.1	0	200	0	81

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)
2	14000 14500	T	null	36M0G7F	80.67	41.12

E50. Modulation and Services

8PSK, 16APSK, QPSK, digital video

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)
2	11700	R	null	36M0G7F	0	0

	12200					

E50. Modulation and Services

8PSK, 16APSK, QPSK, digital 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/Western Limit	E57. Antenna Elevation Angle Eastern/Western Limit	E60. Maximum EIRP Density toward the Horizon (dBW/4kHz)
2	Geostationary	11700 12200	62 / 146	143.46 / 253.26	43.96 / 14.87	0

2Geostationary14000
1450062 / 146143.46 / 253.2643.96 / 14.87-12.62

REMOTE CONTROL POINT LOCATION

E61. Call Sign:		E65. Phone Number:	
undefined		undefined	
E62. Street Address:			
undefined			
E63. City:	E67. County:	E64/68. State/Country:	E66. Zip Code:
undefined	undefined	undefined / undefined	undefined

Location of Earth Station Site

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E2: Contact Name:	Jay LaPrise	E6: Phone Number:	305-582-8824
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E4: State:	1c3d5cd7dbbd22008e0b75131f96193d	E8: County:	Fulton
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Is FAA notification required?	No
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POINTS OF COMMUNICATION

Satellite Name: PERMITTED LIST	
E21. Common Name: PERMITTED LIST	E22. ITU Name: PERMITTED LIST
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ANTENNA

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Antenna 14	1	1	Scientific Atlanta	8010K	7	undefined at 0

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FREQUENCY

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E50. Modulation and Services						
8PSK, 16APSK, QPSK, digital video						

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1	11700 12200	R	null	36M0G7F	0	0
E50. Modulation and Services						
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1	Geostationary	11700	62 / 146	143.46 / 253.26	43.96 / 14.87	0

		12200				

1Geostationary14000
1450062 / 146143.46 / 253.2643.96 / 14.87-12.62

REMOTE CONTROL POINT LOCATION

E61. Call Sign: undefined		E65. Phone Number: undefined	
E62. Street Address: undefined			
E63. City: undefined	E67. County: undefined	E64/68. State/Country: undefined / undefined	E66. Zip Code: undefined

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