

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:	Maddock	E5: Call Sign:	
E2: Contact Name:	DANIELLE PINERES	E6: Phone Number:	202-221-5402
E3: Street:	5190 30th St. NE	E7: City:	Maddock
E4: State:	5fcb838adb6d66008e0b75131f96199c	E8: County:	Benson
		E9: Zip Code:	58348
E10: Area of Operation:			
E11: Latitude:	47° 50' 38.7"		
E12: Longitude:	99° 28' 10.4"		
E13: Lat/Lon Coordinates are:	nad-83		
E14: Site Elevation (AMSL):	427.83		

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.	N/A
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?	Yes
Is coordination with another country required?	No
Is FAA notification required?	No
Is facility operated by remote control?	Yes

POINTS OF COMMUNICATION

Satellite Name: TANAGER	
E21. Common Name: TANAGER (S3152)	E22. ITU Name: USASAT-30R-1
E23. Orbit Location: NGSO	E24. Country:

Satellite Name: Planet Labs	
E21. Common Name: Planet All (S2912)	E22. ITU Name: USASAT-30R
E23. Orbit Location: NGSO	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)
Maddock	S/X/Ka 3.7 m	1	Tx Space	NOVA 37	3.7	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)
S/X/Ka 3.7 m	0/0	7	438.63	0	5.85	0	46

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)
Maddock	UHF_UL	4	M2 Inc.	450CP34	2.7	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)
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UHF_UL	0.3/2.7	3.8	431.63	0	100	0	36.5
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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)
Maddock	S/X-BAND	2	CGC	350SXR	5	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)
S/X-BAND	5/5	7	438.63	0	37.9	0	54.8

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)
Maddock	UHF_DL	4	M2 Inc.	400CP30	2.7	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)
UHF_DL	0.3/2.7	3.8	431.63	0	0	0	0

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)
Maddock	S/X 2.8 m	2	Orbital Systems	3.0TSAX1-2.8m	2.8	undefined at 0

E28. Antenna	E33/34. Diameter	E35. Above	E36. Above	E37. Building	E38. Total	E39. Maximum	E40. Total
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Id	Minor/Major (meters)	Ground Level (meters)	Sea Level (meters)	Height Above Ground Level (meters)	Input Power at Antenna Flange (Watts)	Antenna Height Above Rooftop (meters)	EIRP for all carriers (dBW)
S/X 2.8 m	0/0	2.2	438.63	0	63	0	50.393

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)
Maddock	S/X 1.8m	1	Orbital Systems	1.8TSX1-1.8m	1.8	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)
S/X 1.8m	0/0	1.6	438.63	0	15	0	41.4

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)
UHF_UL	449.97 450.03	T	null	60K0F1D	36.5	24.74

E50. Modulation and Services

Digital

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)
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S/X-BAND	2055.345 2096.6	T	null	1M31F1D	54.78	29.63
E50. Modulation and Services						
Digital/Telecommand - S2912 - Flock HSU						

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)
S/X 2.8 m	26113.6 26200	R	null	86M4G1D	0	0
E50. Modulation and Services						
Digital/Data Downlink Pelican/Tanager						

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)
S/X 2.8 m	2055.345 2056.655	T	null	1M31F1D	46	20.847887
E50. Modulation and Services						
Digital/Telecommand Flock						

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)
S/X 1.8m	2055.345 2056.655	T	null	1M31F1D	41.361	16.208887
E50. Modulation and Services						
Digital/Telecommand Flock						

E28.	E43/44.	E45.	E46. Antenna	E47.	E48.	E49. Maximum
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Antenna Id	Frequency Bands (MHz)	T/R Mode	Polarization (H,V,L,R)	Emission Designator	Maximum EIRP per Carrier (dBW)	ERIP Density per Carrier (dBW/4kHz)
S/X/Ka 3.7 m	26113.6 26200	R	null	86M4G1D	0	0

E50. Modulation and Services

Digital/Data Downlink

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)
S/X/Ka 3.7 m	2056.50005 2056.70005	T	null	200KF1D	46	21.6066731

E50. Modulation and Services

Digital/Telecommand

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)
S/X/Ka 3.7 m	2066.50005 2066.70005	T	null	200KF1D	46	21.6066731

E50. Modulation and Services

Digital/Telecommand

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)
S/X/Ka 3.7 m	2085.5 2086.6	T	null	1M1F1D	46	21.6066731

E50. Modulation and Services

Digital/Telecommand

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)
S/X/Ka 3.7 m	2095.5 2096.6	T	null	1M1F1D	46	21.6066731

E50. Modulation and Services

Digital/Telecommand

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)
S/X/Ka 3.7 m	8029.9 8030.1	R	null	200KG1D	0	0

E50. Modulation and Services

Digital/Telemetry

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)
S/X/Ka 3.7 m	26804.8 26891.2	R	null	86M4G1D	0	0

E50. Modulation and Services

Digital/Data Downlink

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)
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S/X/Ka 3.7 m	26804.8 26891.2	R	null	86M4G1D	0	0
E50. Modulation and Services						
Digital/Data Downlink						

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)
S/X/Ka 3.7 m	8039.9 8040.1	R	null	200KG1D	0	0
E50. Modulation and Services						
Digital/Telemetry						

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)
S/X/Ka 3.7 m	25508.8 25595.2	R	null	86M4G1D	0	0
E50. Modulation and Services						
Digital/Data Downlink						

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)
S/X/Ka 3.7 m	26027.2 26113.6	R	null	86M4G1D	0	0
E50. Modulation and Services						
Digital/Data Downlink						

E28.	E43/44.	E45.	E46. Antenna	E47.	E48.	E49. Maximum
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Antenna Id	Frequency Bands (MHz)	T/R Mode	Polarization (H,V,L,R)	Emission Designator	Maximum EIRP per Carrier (dBW)	ERIP Density per Carrier (dBW/4kHz)
S/X/Ka 3.7 m	26200 26286.4	R	null	86M4G1D	0	0

E50. Modulation and Services

Digital/Data Downlink

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)
S/X/Ka 3.7 m	26286.4 26372.8	R	null	86M4G1D	0	0

E50. Modulation and Services

Digital/Data Downlink

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)
S/X/Ka 3.7 m	26372.8 26459.2	R	null	86M4G1D	0	0

E50. Modulation and Services

Digital/Data Downlink

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)
S/X/Ka 3.7 m	26545.6 26632	R	null	86M4G1D	0	0

E50. Modulation and Services

Digital/Data Downlink

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)
S/X-BAND	8025 8400	R	null	66M8G1D	0	0

E50. Modulation and Services

Digital/Data Downlink

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)
S/X-BAND	2082.938 2083.062	T	null	124KF1D	54.8	39.886

E50. Modulation and Services

SkySat TTC 2

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)
S/X-BAND	2085.5 2086.6	T	null	1M1F1D	46	21.607

E50. Modulation and Services

Digital/Telecommand Tanager

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)

S/X-BAND	8029.9 8030.1	R	null	200KG1D	0	0
E50. Modulation and Services						
Digital/Telemetry downlink Tanager						

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)
S/X-BAND	2095.5 2096.6	T	null	1M1F1D	46	21.6066731
E50. Modulation and Services						
Pelican HSU 2						

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)
S/X-BAND	2095.5 2096.6	T	null	1M1F1D	46	21.6066731
E50. Modulation and Services						
Digital/Telecommand Tanager						

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)
S/X-BAND	2080.938 2081.062	T	null	124KF1D	54.8	39.886
E50. Modulation and Services						
SkySat TTC 1						

E28.	E43/44.	E45.	E46. Antenna	E47.	E48.	E49. Maximum
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Antenna Id	Frequency Bands (MHz)	T/R Mode	Polarization (H,V,L,R)	Emission Designator	Maximum EIRP per Carrier (dBW)	ERIP Density per Carrier (dBW/4kHz)
S/X-BAND	2056.50005 2056.70005	T	null	200KF1D	46	29.01

E50. Modulation and Services

Pelican TTC 1

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)
S/X-BAND	8039.9 8040.1	R	null	200KG1D	0	0

E50. Modulation and Services

Digital/Telemetry downlink Tanager

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)
S/X-BAND	2085.55005 2086.65005	T	null	1M10F1D	46	21.607

E50. Modulation and Services

Pelican HSU 1

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)
S/X-BAND	2066.50005 2066.70005	T	null	200KF1D	46	29.01

E50. Modulation and Services

Command Pelican TTC 2

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)
UHF_DL	401.27 401.33	R	null	60K0F1D	0	0

E50. Modulation and Services

Digital

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)
S/X 2.8 m	2095.5 2096.6	T	null	1M1F1D	46	21.6066731

E50. Modulation and Services

Digital/Telecommand Pelican/Tanager

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)
S/X 2.8 m	25854.4 25940.8	R	null	86M4G1D	0	0

E50. Modulation and Services

Digital/Data Downlink Pelican/Tanager

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)

S/X 2.8 m	8039.9 8040.1	R	null	200KG1D	0	0
E50. Modulation and Services						
Digital/Telemetry Downlink Pelican/Tanag						

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)
S/X 2.8 m	26286.4 26372.8	R	null	86M4G1D	0	0
E50. Modulation and Services						
Digital/Data Downlink Pelican/Tanager						

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)
S/X 2.8 m	8295 8355	R	null	60M0G1D	0	0
E50. Modulation and Services						
Digital/Data Downlink SkySat						

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)
S/X 2.8 m	26718.4 26804.8	R	null	86M4G1D	0	0
E50. Modulation and Services						
Digital/Data Downlink Pelican/Tanager						

E28.	E43/44.	E45.	E46. Antenna	E47.	E48.	E49. Maximum
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Antenna Id	Frequency Bands (MHz)	T/R Mode	Polarization (H,V,L,R)	Emission Designator	Maximum EIRP per Carrier (dBW)	ERIP Density per Carrier (dBW/4kHz)
S/X 2.8 m	8232.75 8327.25	R	null	94M5G1D	0	0

E50. Modulation and Services

Digital/Telemetry Downlink Flock

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)
S/X 2.8 m	26027.2 26113.6	R	null	86M4G1D	0	0

E50. Modulation and Services

Digital/Data Downlink Pelican/Tanager

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)
S/X 2.8 m	8170 8230	R	null	60M0G1D	0	0

E50. Modulation and Services

Digital/Data Downlink SkySat

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)
S/X 2.8 m	2085.5 2086.6	T	null	1M1F1D	46	21.607

E50. Modulation and Services

Digital/Telecommand Pelican/Tanager

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)
S/X 2.8 m	25595.2 25681.6	R	null	86M4G1D	0	0

E50. Modulation and Services

Digital/Data Downlink Pelican/Tanager

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)
S/X 2.8 m	26459.2 26545.6	R	null	86M4G1D	0	0

E50. Modulation and Services

Digital/Data Downlink Pelican/Tanager

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)
S/X 2.8 m	8132.75 8227.25	R	null	94M5G1D	0	0

E50. Modulation and Services

Digital/Data Downlink Flock

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)

S/X 2.8 m	2056.645 2057.955	T	null	1M31F1D	46	20.848
E50. Modulation and Services						
Digital/Telecommand Flock						

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)
S/X 2.8 m	26632 26718.4	R	null	86M4G1D	0	0
E50. Modulation and Services						
Digital/Data Downlink Pelican/Tanager						

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)
S/X 2.8 m	2082.938 2083.062	T	null	124KF1D	46	31.086
E50. Modulation and Services						
Digital/Telecommand SkySat						

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)
S/X 2.8 m	8379.872 8380.128	R	null	256KG1D	0	0
E50. Modulation and Services						
Digital/Telemetry Downlink SkySat						

E28.	E43/44.	E45.	E46. Antenna	E47.	E48.	E49. Maximum
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Antenna Id	Frequency Bands (MHz)	T/R Mode	Polarization (H,V,L,R)	Emission Designator	Maximum EIRP per Carrier (dBW)	ERIP Density per Carrier (dBW/4kHz)
S/X 2.8 m	25940.8 26027.2	R	null	86M4G1D	0	0

E50. Modulation and Services

Digital/Data Downlink Pelican/Tanager

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)
S/X 2.8 m	8045 8105	R	null	60M0G1D	0	0

E50. Modulation and Services

Digital/Data Downlink SkySat

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)
S/X 2.8 m	26545.6 26632	R	null	86M4G1D	0	0

E50. Modulation and Services

Digital/Data Downlink Pelican/Tanager

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)
S/X 2.8 m	8029.9 8030.1	R	null	200KG1D	0	0

E50. Modulation and Services

Digital/Telemetry Downlink Pelican/Tanag

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)
S/X 2.8 m	25768 25854.4	R	null	86M4G1D	0	0

E50. Modulation and Services

Digital/Data Downlink Pelican/Tanager

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)
S/X 2.8 m	2054.045 2055.355	T	null	1M31F1D	46	20.847887

E50. Modulation and Services

Digital/Telecommand Flock

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)
S/X 2.8 m	26200 26286.4	R	null	86M4G1D	0	0

E50. Modulation and Services

Digital/Data Downlink Pelican/Tanager

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)

S/X 2.8 m	26804.8 26891.2	R	null	86M4G1D	0	0
E50. Modulation and Services						
Digital/Data Downlink Pelican/Tanager						

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)
S/X 2.8 m	25681.6 25768	R	null	86M4G1D	0	0
E50. Modulation and Services						
Digital/Data Downlink Pelican/Tanager						

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)
S/X 2.8 m	2080.938 2081.062	T	null	124KF1D	46	31.086
E50. Modulation and Services						
Digital/Telecommand SkySat						

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)
S/X 2.8 m	8374.872 8375.128	R	null	256KG1D	0	0
E50. Modulation and Services						
Digital/Telemetry Downlink SkySat						

E28.	E43/44.	E45.	E46. Antenna	E47.	E48.	E49. Maximum
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Antenna Id	Frequency Bands (MHz)	T/R Mode	Polarization (H,V,L,R)	Emission Designator	Maximum EIRP per Carrier (dBW)	ERIP Density per Carrier (dBW/4kHz)
S/X 2.8 m	26372.8 26459.2	R	null	86M4G1D	0	0

E50. Modulation and Services

Digital/Data Downlink Pelican/Tanager

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)
S/X 2.8 m	8032.75 8127.25	R	null	94M5G1D	0	0

E50. Modulation and Services

Digital/Data Downlink Flock

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)
S/X 1.8m	2082.938 2083.062	T	null	124KF1D	41.361	26.447

E50. Modulation and Services

Digital/Telecommand SkySat

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)
S/X 1.8m	2080.938 2081.062	T	null	124KF1D	41.361	26.447

E50. Modulation and Services

Digital/Telecommand SkySat

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)
S/X 1.8m	2054.045 2055.355	T	null	1M31F1D	41.361	16.208887

E50. Modulation and Services

Digital/Telecommand Flock

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)
S/X 1.8m	2095.5 2096.6	T	null	1M1F1D	41.361	16.968

E50. Modulation and Services

Digital/Telecommand Pelican/Tanager

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)
S/X 1.8m	8379.872 8380.128	R	null	256KG1D	0	0

E50. Modulation and Services

Digital/Telemetry Downlink SkySat

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)

S/X 1.8m	8039.9 8040.1	R	null	200KG1D	0	0
E50. Modulation and Services						
Digital/Telemetry Downlink Pelican/Tanag						

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)
S/X 1.8m	2056.645 2057.955	T	null	1M31F1D	41.361	16.209
E50. Modulation and Services						
Digital/Telecommand Flock						

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)
S/X 1.8m	8374.872 8375.128	R	null	256KG1D	0	0
E50. Modulation and Services						
Digital/Telemetry Downlink SkySat						

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)
S/X 1.8m	8232.75 8327.25	R	null	94M5G1D	0	0
E50. Modulation and Services						
Digital/Data Downlink Flock						

E28.	E43/44.	E45.	E46. Antenna	E47.	E48.	E49. Maximum
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Antenna Id	Frequency Bands (MHz)	T/R Mode	Polarization (H,V,L,R)	Emission Designator	Maximum EIRP per Carrier (dBW)	ERIP Density per Carrier (dBW/4kHz)
S/X 1.8m	8029.9 8030.1	R	null	200KG1D	0	0

E50. Modulation and Services

Digital/Telemetry Downlink Pelican/Tanag

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)
S/X 1.8m	2085.5 2086.6	T	null	1M1F1D	41.361	16.968

E50. Modulation and Services

Digital/Telecommand Pelican/Tanager

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)
S/X 1.8m	8170 8230	R	null	60M0G1D	0	0

E50. Modulation and Services

Digital/Data Downlink SkySat

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)
S/X 1.8m	8132.75 8227.25	R	null	94M5G1D	0	0

E50. Modulation and Services

Digital/Data Downlink Flock

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)
S/X 1.8m	8045 8105	R	null	60M0G1D	0	0

E50. Modulation and Services

Digital/Data Downlink SkySat

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)
S/X 1.8m	8032.75 8127.25	R	null	94M5G1D	0	0

E50. Modulation and Services

Digital/Data Downlink Flock

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)
S/X 1.8m	8295 8355	R	null	60M0G1D	0	0

E50. Modulation and Services

Digital/Data Downlink SkySat

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)
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S/X/Ka 3.7 m	25595.2 25681.6	R	null	86M4G1D	0	0
E50. Modulation and Services						
Digital/Data Downlink						

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)
S/X/Ka 3.7 m	25681.6 25768	R	null	86M4G1D	0	0
E50. Modulation and Services						
Digital/Data Downlink						

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)
S/X/Ka 3.7 m	25768 25854.4	R	null	86M4G1D	0	0
E50. Modulation and Services						
Digital/Data Downlink						

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)
S/X/Ka 3.7 m	25854.4 25940.8	R	null	86M4G1D	0	0
E50. Modulation and Services						
Digital/Data Downlink						

E28.	E43/44.	E45.	E46. Antenna	E47.	E48.	E49. Maximum
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Antenna Id	Frequency Bands (MHz)	T/R Mode	Polarization (H,V,L,R)	Emission Designator	Maximum EIRP per Carrier (dBW)	ERIP Density per Carrier (dBW/4kHz)
S/X/Ka 3.7 m	25940.8 26027.2	R	null	86M4G1D	0	0

E50. Modulation and Services

Digital/Data Downlink

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)
S/X/Ka 3.7 m	26459.2 26545.6	R	null	86M4G1D	0	0

E50. Modulation and Services

Digital/Data Downlink

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)
S/X/Ka 3.7 m	26632 26718.4	R	null	86M4G1D	0	0

E50. Modulation and Services

Digital/Data Downlink

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)
S/X/Ka 3.7 m	26718.4 26804.8	R	null	86M4G1D	0	0

E50. Modulation and Services

Digital/Data Downlink

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)
S/X 2.8 m	2066.50005 2066.70005	T	null	200KF1D	46	29.01

E50. Modulation and Services

Digital/Telecommand Pelican/Tanager

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)
S/X 2.8 m	2056.50005 2056.70005	T	null	200KF1D	46	29.01

E50. Modulation and Services

Digital/Telecommand Pelican/Tanager

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)
S/X 1.8m	2056.50005 2056.70005	T	null	200KF1D	41.361	24.371

E50. Modulation and Services

Digital/Telecommand Pelican/Tanager

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)
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S/X 1.8m	2066.50005 2066.70005	T	null	200KF1D	41.361	24.371
E50. Modulation and Services						
Digital/Telecommand Pelican/Tanager						

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)
S/X/Ka 3.7 m	Non-Geostationary	25854.4 25940.8	0 / 0	0 / 360	5 / 5	-999

S/X/Ka 3.7 mNon-Geostationary26804.8

26891.20 / 00 / 3605 / 5-999S/X/Ka 3.7 mNon-Geostationary8029.9

8030.10 / 00 / 3605 / 5-999S/X/Ka 3.7 mNon-Geostationary26804.8

26891.20 / 00 / 3605 / 5-999S/X 1.8mNon-Geostationary8032.75

8127.250 / 00 / 3605 / 5-999S/X/Ka 3.7 mNon-Geostationary26545.6

266320 / 00 / 3605 / 5-999S/X 1.8mNon-Geostationary2082.938

2083.0620 / 00 / 3605 / 5-999S/X 1.8mNon-Geostationary2054.045

2055.3550 / 00 / 3605 / 5-999S/X 1.8mNon-Geostationary2095.5

2096.60 / 00 / 3605 / 5-999S/X 1.8mNon-Geostationary8379.872

8380.1280 / 00 / 3605 / 5-999S/X 1.8mNon-Geostationary8039.9

8040.10 / 00 / 3605 / 5-999S/X 1.8mNon-Geostationary2056.645

2057.9550 / 00 / 3605 / 5-999S/X 1.8mNon-Geostationary8374.872

8375.1280 / 00 / 3605 / 5-999S/X 1.8mNon-Geostationary8232.75

8327.250 / 00 / 3605 / 5-999S/X/Ka 3.7 mNon-Geostationary26459.2

26545.60 / 00 / 3605 / 5-999S/X/Ka 3.7 mNon-Geostationary26632

26718.40 / 00 / 3605 / 5-999S/X/Ka 3.7 mNon-Geostationary26718.4

26804.80 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary25595.2

25681.60 / 00 / 3605 / 5-999S/X-BANDNon-Geostationary2080.938

2081.0620 / 00 / 3605 / 5-999S/X-BANDNon-Geostationary2056.50005

2056.700050 / 00 / 3605 / 5-999S/X-BANDNon-Geostationary8039.9

8040.10 / 00 / 3605 / 5-999S/X-BANDNon-Geostationary2085.55005

2086.650050 / 00 / 3605 / 5-999S/X-BANDNon-Geostationary2066.50005

2066.700050 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary2095.5

2096.60 / 00 / 3605 / 5-999S/X 1.8mNon-Geostationary8132.75

8227.250 / 00 / 3605 / 5-999S/X 1.8mNon-Geostationary2056.50005

2056.700050 / 00 / 3605 / 5-999S/X 1.8mNon-Geostationary2080.938

2081.0620 / 00 / 3605 / 5-999S/X/Ka 3.7 mNon-Geostationary25940.8

26027.20 / 00 / 3605 / 5-999S/X/Ka 3.7 mNon-Geostationary26027.2

26113.60 / 00 / 3605 / 5-999S/X/Ka 3.7 mNon-Geostationary26113.6

262000 / 00 / 3605 / 5-999S/X/Ka 3.7 mNon-Geostationary26200

26286.40 / 00 / 3605 / 5-999S/X/Ka 3.7 mNon-Geostationary26286.4

26372.80 / 00 / 3605 / 5-999S/X/Ka 3.7 mNon-Geostationary26372.8

26459.20 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary8232.75

8327.250 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary2066.50005

2066.700050 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary26027.2
 26113.60 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary8170
 82300 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary2085.5
 2086.60 / 00 / 3605 / 5-999UHF_DLNon-Geostationary401.27
 401.330 / 00 / 3605 / 546S/X-BANDNon-Geostationary8025
 84000 / 00 / 3605 / 5-999S/X-BANDNon-Geostationary2082.938
 2083.0620 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary8295
 83550 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary8045
 81050 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary2055.345
 2056.6550 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary26545.6
 266320 / 00 / 3605 / 5-999S/X 1.8mNon-Geostationary2055.345
 2056.6550 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary26459.2
 26545.60 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary8132.75
 8227.250 / 00 / 3605 / 5-999S/X/Ka 3.7 mNon-Geostationary2056.50005
 2056.700050 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary26200
 26286.40 / 00 / 3605 / 5-999S/X-BANDNon-Geostationary2085.5
 2086.60 / 00 / 3605 / 5-999S/X-BANDNon-Geostationary8029.9
 8030.10 / 00 / 3605 / 5-999S/X-BANDNon-Geostationary2095.5
 2096.60 / 00 / 3605 / 5-999S/X-BANDNon-Geostationary2095.5
 2096.60 / 00 / 3605 / 5-999S/X/Ka 3.7 mNon-Geostationary8039.9
 8040.10 / 00 / 3605 / 5-999S/X/Ka 3.7 mNon-Geostationary25508.8
 25595.20 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary26804.8
 26891.20 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary25681.6
 257680 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary2080.938
 2081.0620 / 00 / 3605 / 5-999S/X/Ka 3.7 mNon-Geostationary2066.50005
 2066.700050 / 00 / 3605 / 5-999S/X/Ka 3.7 mNon-Geostationary2085.5
 2086.60 / 00 / 3605 / 5-999S/X/Ka 3.7 mNon-Geostationary2095.5
 2096.60 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary2056.645
 2057.9550 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary26632
 26718.40 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary2082.938
 2083.0620 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary8379.872
 8380.1280 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary2056.50005
 2056.700050 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary25940.8
 26027.20 / 00 / 3605 / 5-999UHF_ULNon-Geostationary449.97
 450.030 / 00 / 3605 / 524.7S/X 1.8mNon-Geostationary2066.50005
 2066.700050 / 00 / 3605 / 5-999S/X 1.8mNon-Geostationary8029.9
 8030.10 / 00 / 3605 / 5-999S/X-BANDNon-Geostationary2055.345
 2096.60 / 00 / 3605 / 5-4.3S/X 1.8mNon-Geostationary2085.5
 2086.60 / 00 / 3605 / 5-999S/X 1.8mNon-Geostationary8170
 82300 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary8029.9
 8030.10 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary25768
 25854.40 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary2054.045
 2055.3550 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary8374.872
 8375.1280 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary26372.8
 26459.20 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary8032.75
 8127.250 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary26718.4
 26804.80 / 00 / 3605 / 5-999S/X 1.8mNon-Geostationary8045
 81050 / 00 / 3605 / 5-999S/X 1.8mNon-Geostationary8295
 83550 / 00 / 3605 / 5-999S/X/Ka 3.7 mNon-Geostationary25595.2
 25681.60 / 00 / 3605 / 5-999S/X/Ka 3.7 mNon-Geostationary25681.6
 257680 / 00 / 3605 / 5-999S/X/Ka 3.7 mNon-Geostationary25768
 25854.40 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary25854.4
 25940.80 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary8039.9
 8040.10 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary26113.6
 262000 / 00 / 3605 / 5-999S/X 2.8 mNon-Geostationary26286.4
 26372.80 / 00 / 3605 / 5-999

REMOTE CONTROL POINT LOCATION

E61. Call Sign: N/A		E65. Phone Number: 415-829-3313	
E62. Street Address: 645 Harrison St Floor 4			
E63. City: San Francisco	E67. County: SAN FRANCISCO	E64/68. State/Country: undefined / undefined	E66. Zip Code: 94107

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