

ITEM #	DESCRIPTION	ACTION	Notes
5	UHF Space Station Transmit Data	XAP = R XAZ = EC	Polarization Orientation
		XAD = 0G360B Type = SP, NON N/A	Antenna Dimension Type of Satellite For Geostationary For Nongeostation
5	UHF Earth Station Receiver Data (San Diego)	ORB = 98IN00505AP00505PE001.56H01NRT01 RSC = CA RAL = SAN DIEGO	(Orbital Data) State City Name
		Lat = 0325349	Latitude (DDMMSS)
		Lon = 1171236	Longitude (DDMMSS)
		RAP = T RAZ = V00	Antenna Polarization Antenna Azimuth
5	UHF Earth Station Receiver Data (Alaska)	RAD = 20G200B000-360A00022H006 RSC = AL RAL = FAIRBANKS	Antenna Dimensions State City Name
		Lat = 0645118	Latitude (DDMMSS)
		Lon = 1474110	Longitude (DDMMSS)
		RAP = T RAZ = V00	Antenna Polarization Antenna Azimuth

**5 X-Band Space Station Transmit Data**

RAD = 20G200B000-360A00013H000

Antenna Dimensions

XAP = R

Polarization

XAZ = EC

Orientation

XAD = 8G050B

Antenna Dimension

Type = SP, NON

Type of Satellite

N/A

For Geostationary

For Nongeostation

ORB = 98IN00505AP00505PE001.56H01NRT01

(Orbital Data)

**6 UHF Earth Station Transmit Data (San Diego)**

XSC = CA

State

XAL = SAN DIEGO

City Name

Lat = 0325349

Latitude (DDMMSS)

Lon = 1171236

Longitude (DDMMSS)

XAP = T

Antenna Polarization

XAZ = V00

Antenna Azimuth

XAD = 20G200B000-360A00022H006

Antenna Dimensions

**6 UHF Earth Station Transmit Data (Alaska)**

XSC = AL

State

XAL = FAIRBANKS

City Name

Lat = 0645118

Latitude (DDMMSS)

Lon = 1474110

Longitude (DDMMSS)

XAP = T

Antenna Polarization

XAZ = V00

Antenna Azimuth

**6 UHF Space Station Receive Data**

XAD = 20G200B000-360A00013H000  
RAP = R  
RAZ = V00  
RAD = 0G360B  
Type = SP, No  
N/A

Antenna Dimensions  
Polarization  
Azimuth  
Dimension  
Type of Satellite  
For Geostationary

**7 Orbital Characteristics**

ORB = 98IN00505AP00505PE001.56H01NRT01

For Nongeostation  
(Orbital Data)

Apogee 505 km  
Perigee 505 km  
Period 1.56 hour

Number of Satellite Total 1  
Number of Satellite Transmitting 1  
Number of Satellite Receiving 1

**8 Name and Phone of person terminating system**

Marco Villa

**10 Name of Satellite**

Tyvak-0087