

Correspondence Reference Number		44486		
Date of Original Email		10/12/2018		
Due		11/12/2018		
ITEM #	DESCRIPTION	ACTION	Notes	COMPLETED
1	The experimental license is only authorized to operate in United States, please exclude all operation in the other countries on your application	Remove Italy and Norway ground stations		10/17/2018
2	The bandwidth of emission designator 28.8 kHz is exceeding the bandwidth of the applied frequency band 401.19-401.21 MHz, please make a correction.	Expanded to 30 kHz, 401.185 MHz to 401.215 MHz		10/17/2018
3	Provide ODAR	Add ODAR to Attachments		10/17/2018
4	Provide SpaceCap Filing	Provide Spacecap filing to FCC		
5	UHF Space Station Transmit Data	XAP = R	Polarization	
		XAZ = EC	Orientation	
		XAD = 2G360B	Antenna Dimension	
		Type = SP, NON	Type of Satellite	
		N/A	For Geostationary	
		ORB = 97.9IN00505AP00505PE001.56H01NRT01	For Nongeostation (Orbital Data)	
5	UHF Earth Station Receiver Data (San Diego)	RSC = CA	State	
		RAL = SAN DIEGO	City Name	
		Lat = 0325349	Latitude (DDMMSS)	
		Lon = 1171236	Longitude (DDMMSS)	
		RAP = T	Antenna Polarization	
		RAZ = V00	Antenna Azimuth	
		RAD = 16G040B000-360A00022H006	Antenna Dimensions	

5	UHF Earth Station Receiver Data (Alaska)	RSC = AL	State	
		RAL = DEAD HORSE	City Name	
		Lat = 0701236	Latitude (DDMMSS)	
		Lon = 1482436	Longitude (DDMMSS)	
		RAP = T	Antenna Polarization	
		RAZ = V00	Antenna Azimuth	
		RAD = 16G040B000-360A00013H000	Antenna Dimensions	
5	X-Band Space Station Transmit Data	XAP = R	Polarization	
		XAZ = EC	Orientation	
		XAD = 6G050B	Antenna Dimension	
		Type = SP, NON	Type of Satellite	
		N/A	For Geostationary	
		ORB = 97.9IN00505AP00505PE001.56H01NRT01	For Nongeostation (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 = 16G040B000-360A00022H006	Antenna Dimensions	
6	UHF Earth Station Transmit Data (Alaska)	XSC = AL	State	
		XAL = DEAD HORSE	City Name	
		Lat = 0701236	Latitude (DDMMSS)	
		Lon = 1482436	Longitude (DDMMSS)	
		XAP = T	Antenna Polarization	
		XAZ = V00	Antenna Azimuth	
		XAD = 16G040B000-360A00013H000	Antenna Dimensions	
6	UHF Space Station Receive Data	RAP = R	Polarization	
		RAZ = V00	Azimuth	

		RAD = 2G360B	Dimension	
		Type = SP, No	Type of Satellite	
		N/A	For Geostationary	
		ORB = 97.9IN00505AP00505PE001.56H01NRR01	For Nongeostation (Orbital Data)	
7	Orbital Characteristics	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-0085		