

**Mode V APRS**

Uplink: 145,8250 MHz  
Downlink: 145,8250 MHz  
Mode: AFSK  
Baudrate: 1200,00

**Mode V/V FM (crew R2+3)**

Uplink: 144,4900 MHz  
Downlink: 145,8000 MHz  
Mode: FM

**Mode V/V FM (crew R1)**

Uplink: 145,2000 MHz  
Downlink: 145,8000 MHz  
Mode: FM

**TEMP Off-Frequency SSTV**

Downlink: 145,4800 MHz  
Mode: SSTV

**VHF-1 Soyuz Communication - FMN**

Downlink: 143,6250 MHz  
Mode: FMN

**VHF-2 Soyuz Communication - FMN**

Downlink: 130,1670 MHz  
Mode: FMN

**Tomsk-TPU-120**

Downlink: 437,0230 MHz  
Mode: FM

**Tanusha FM**

Downlink: 437,0500 MHz  
Mode: FM

**Soyuz / Orlan space suit**

Downlink: 121,7500 MHz  
Mode: FM

**Mystery transmitter 137.6257MHz**

Downlink: 137,6257 MHz  
Mode: CW

**ISS CCSDS Data 1**

Downlink: 2265,0000 MHz  
Mode: QPSK

**Mode V/U FM - Voice Repeater**

Uplink: 145,9900 MHz  
Downlink: 437,8000 MHz  
Mode: FM

**Mode V/V APRS**

Uplink: 145,8250 MHz  
Downlink: 145,8250 MHz  
Mode: AFSK  
Baudrate: 1200,00

**IORS Telemetry**

Downlink: 437,8000 MHz  
Mode: FSK  
Baudrate: 9600,00

**ICARUS Animal-Tracker Experiment**

Downlink: 468,1000 MHz  
Mode: PSK  
Baudrate: 656,00

**UHF School Contact Downlink (Backup During SSTV event)**

Downlink: 437,5250 MHz  
Mode: FM

**Control Module "Zarya"**

Downlink: 632,0000 MHz  
Mode: FM

**Service Module "Zvezda" (Upper side band)**

Downlink: 630,1280 MHz  
Mode: FM

**Mode U - Possibly Voice**

Downlink: 435,4000 MHz  
Mode: FM

**Suit 1**

Downlink: 121,1000 MHz  
Mode: FM

**Suit 2**

Downlink: 121,2750 MHz  
Mode: FM

**Mode U/V FM Voice**

Uplink: 437,8000 MHz  
Downlink: 145,8000 MHz  
Mode: FM

**Mode U APRS Digi**

Uplink: 437,5500 MHz  
Downlink: 437,5500 MHz  
Mode: AFSK  
Baudrate: 1200,00

**EMU Alt**

Downlink: 417,1000 MHz  
Mode: FSK  
Baudrate: 695,00

<b>Mode S1</b>
Downlink: 2425,0000 MHz Mode: FM
<b>Mode S2</b>
Downlink: 2375,0000 MHz Mode: FM
<b>EVA/WVS</b>
Downlink: 400,5750 MHz Mode: FM
<b>Rassvet</b>
Downlink: 637,5000 MHz Mode: FM
<b>CUCU (SpaceX COTS UHF Communication Unit)</b>
Downlink: 400,5000 MHz Mode: BPSK Baudrate: 1536,00
<b>SpaceX Dragon Wideband Telemetry</b>
Downlink: 2205,5000 MHz Mode: BPSK
<b>SpaceX Dragon narrowband telemetry</b>
Downlink: 2216,0000 MHz Mode: BPSK
<b>SpaceX Falcon Wideband Telemetry</b>
Downlink: 2213,5000 MHz Mode: BPSK
<b>Mode U - Imaging</b>
Downlink: 437,8000 MHz Mode: SSTV

<b>Suit 3</b>
Downlink: 139,2080 MHz Mode: FMN
<b>CW Soyuz-TM and Progress M1 beacon</b>
Downlink: 922,7500 MHz Mode: FM
<b>Soyuz-TM and Progress M-1 TLM</b>
Downlink: 166,0000 MHz Mode: FM
<b>Regul</b>
Downlink: 922,7630 MHz Mode: CW
<b>TORU S1</b>
Downlink: 2860,0000 MHz Mode: AM
<b>Toru S2</b>
Downlink: 2725,0000 MHz Mode: AM
<b>Kvant</b>
Downlink: 768,9750 MHz Mode: FMN
<b>Falcon 9 CCSDS 2272.5</b>
Downlink: 2272,5000 MHz Mode: GMSK
<b>Falcon 9 CCSDS 2232.5</b>
Downlink: 2232,5000 MHz Mode: GMSK

<b>EMU (695000)</b>
Downlink: 414,2000 MHz Mode: FSK
<b>Mode U - SSTV</b>
Downlink: 437,8000 MHz Mode: SSTV
<b>Mode S - HamTV DVB-S</b>
Downlink: 2395,0000 MHz Mode: DVB-S2
<b>Mode V Imaging</b>
Downlink: 145,8000 MHz Mode: SSTV