

SATELLITES

FM Satellite 2-meter Downlink

Name	Uplink	Downlink	Comment

FM Satellite 70cm Downlink

Name	Uplink	Downlink	Comment
ISS	145.990 MHz FM	437.800 MHz FM	MEMORY #1
SO-50	ARMING PL 74.4 (10 min timer) 145.850MHz / PL 67.0	436.795 MHz downloink	MEMORY#2
SO-124 (HADES-R)	145.925 MHz FM, no CTCSS/PL	436.885 MHz FM +/- for Doppler (output may include FSK 1200bps; APRS)	MEMORY#3

LINEAR Satellite 2m Downlink

Name	Uplink	Downlink	Comment
AO-7 (mode U/V B - waivered by FCC)	432.1250 - 432.1750 CENTER: 432.150 (50 kHz) (typically USB)	145.9750 - 145.9250MHz SSB/CW CENTER: 145.950 MHz (typically LSB) BEACON: 145.9775 MHz CW	Operation on 432.1250 - 432.1750 waivered MEMORY#4 (CENTER)
AO-73 (FUNcube-1) (Inverting)	435.150 - 435.130 MHz Uplink CENTER: 435.140 MHz	145.950-145.970 MHz CENTER 145.960MHZ BPSK Telemetry Beaton 145.935 MHz	20 kHz passband MEMORY#5 (CENTER)
JO-97 (freq working satellite)	435.100-435.120 MHz LSB CENTER 435.110	145.855 - 145.875 USB CENTER: 145.865	20kHz passband MEMORY #6 (CENTER)
-XW-2B (CAS-3B)	435.090 - 435.110 CENTER 435.100 (20 kHz)	145.730-145.750 CENTER: 145.740 CW beakon 145.725 Digital Tele 145.705	20kHz passband MEMORY #7 (CENTER)

LINEAR Satellite 70cm Downlink

Name	Uplink	Downlink	Comment
RS-44	145.965 +/- 30 kHz CENTER: 145.965	435.640 +/- 30kHz CENTER: 435.640	MEMORY #8 (CENTER)
MESAT1 (MO-122) (frequently working sat)	145.910-145.940 MHz (30 kHz) CENTER: 145.925	435.810-435.840 CENTER: 435.825	Telemetry downlink: 435.800 MHz 1200 baud BPSK MEMORY #9 (CENTER)

Packet Satellites

Name	Uplink	Downlink	Comment
ISS	145.825 MHz FM 1200 BPS Packet	145.825 MHz FM 1200 BPS Packet	?APRS?? MEMORY #10
SONATE-2	145.825 MHz AX.25	145.880 MHz Beacon: 145.840	