

Frequencies for SO-50, AO-91, PO-101, and the ISS

(Updated 02/08/2021)

SO-50

Channel #	Alpha	TX Freq	TX Tone	RX Freq	RX Tone
501	50 +2	145.850	67.0	436.805	None
502	50 +1	145.850	67.0	436.800	None
503	50 74	145.850	74.4	436.795	None
504	SO-50	145.850	67.0	436.795	None
505	50 -1	145.850	67.0	436.790	None
506	50 -2	145.850	67.0	436.785	None

AO-91

911	AOS 2	435.240	67.0	145.960	None
912	AOS 1	435.245	67.0	145.960	None
913	AO-91	435.250	67.0	145.960	None
914	LOS 1	435.255	67.0	145.960	None
915	LOS 2	435.260	67.0	145.960	None

PO-101 / Diwata-2	AMSAT's Fox-1E / RadFxSat-2
Ops Schedule: https://twitter.com/Diwata2PH	Deployed Jan., 2021 - still testing
Downlink 145.900, Uplink 437.500 141.3 CTCSS	Linear transponder, BPSK telemetry

ISS Frequencies

FM Voice - ITU Region 1	FM Voice - ITU Regions 2/3
<i>Europe, Middle East, Africa, North Asia</i>	<i>N./S. America, Caribbean, Australia, S. Asia</i>
145.800 downlink 145.200 uplink	145.800 downlink 144.490 uplink

FM SSTV downlink 145.800 AX.25 1200-baud packet 145.825

ISS Crossband Repeater UPLINK: 145.99 - 67.0 CTCSS

Accommodate for the Doppler phenomenon on the 437.800 DOWNLINK:

437.810	437.805	437.800	437.795	437.790
AOS		MID		LOS

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QUESTIONS? <https://groups.io/g/Work-Sat>