

HAM Satellite Overview

HB9RYZ

Status: 05. April 2025

Antennas: 2m 8 element, 12.4 dBi (horizontal), 70cm 2x15 element, 16.7 dBi (right circular)

Transmit TX		Receive RX				
SAT-Name	Up-Link	Mode	Down-Link	Mode	Tone	Remarks
FO-29	145.900 - 146.000	LSB	435.800 - 435.900	USB		good signal
RS-44	145.935 - 145.995	LSB	435.610 - 435.670	USB		good signal
JO-97	435.100 - 435.120	LSB	145.855 - 145.875	USB		good signal
AO-73	435.130 - 435.150	LSB	145.950 - 145.970	USB		good signal
AO-07	145.850 - 145.950	LSB	29.400 - 29.500	USB		good signal
AO-07	432.125 - 432.175	LSB	145.925 - 145.975	USB		good signal
ISS Repeater	145.990	FM	437.800	FM	67 Hz	good signal, Crossband-Repeater
ISS Crew	145.800	FM	145.800	FM		good signal
QO-100	2400.005 - 2400.495	USB	10489.500 - 10490.000	USB		good signal (SSB, CW, FT8, FT4, DATV)
SO-50	145.850	FM	436.795	FM	67 Hz	good signal
PO-101	437.500	FM	145.900	FM	141.3 Hz	good signal
AO-91	435.250	FM	145.960	FM	67 Hz	

Mode VU = 2m/up und 70cm/down

Mode UV = 70cm/up and 2m/down

70cm Beacon in the Swiss Alps Mount Schilthorn 432.432 CW - AZ direction 196°

Missing US States over SAT: CT, HI, MO, NV, OR, VT