

Basic information for satellite reception

- **Callsign:** TBA
- **UHF Downlink frequency:** TBA
- **VHF Downlink frequency:** TBA
- **Modulation:** GFSK, CW
- **Encoding:** G3RUH 9k6 baud
- **Morse:** 20 WPM
- **Protocols:** AX.25, Morse
- **Transmitting power:** 1W (30dBm)
- **Onboard antenna:** Dipole
- **Antenna polarization:** Linear

Message types

1. AX.25 TRX beacon packet
2. AX.25 OBC beacon packet
3. AX.25 PSU beacon packet
4. AX.25 message
5. CW data beacon
6. CW message beacon
7. Ground Station communication

Orbital parameters / Preliminary TLE

Orbit: 500km SSO

Recommended TNC modem setup:

PACLEN 255

TXDELAY 15

MYCALL [Your call sign]

UNPROTO CQ (or callsign)