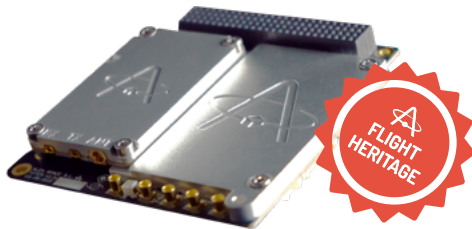


TOTEM Multi-Application SDR Payload by SDR Technology



The **TOTEM SDR Multi-Application** configuration can include all TOTEM payload applications in one single SDR motherboard with **multiple* piggyback frontends** enabling the use of Multi-Applications simultaneously in a single payload.

The Multiapp Bundle can include the ADS-B, AIS, DVB-S2, IoT and custom application in multiple bands, up to 2 TX and 3 RX bands per TOTEM motherboard.

Applications with flight heritage

- ADS-B Receiver for aviation
- AIS Receiver for maritime
- DVB-S2 transmitter for high data rate communications
- IoT transmitter and receiver
- Spectrum monitoring for SIGINT

Front-end piggyback

- UHF: 395 - 410 MHz
- UHF: 430 - 41 MHz
- VHF: 156 – 162 MHz
- S-band:
 - RX (Uplink): 2025 - 2110 MHz
 - TX (Downlink): 2200-2290 MHz

> **TOTEM SDR Technology** enables safe in-orbit updates and Multi-Application use

> Check Multi-Application compatibility for simultaneous use:

App/Status	AIS Receiver	ADS-B Receiver	IoT	DVB-S2 Transmitter
AIS Receiver	ON	OFF	OFF	ON/OFF*
ADS-B Receiver	OFF	ON	OFF	ON/OFF*
IoT	OFF	OFF	ON	OFF
DVB-S2 Transmitter	ON	ON	OFF	ON

