

Telemetry Re-Radiation System



Applications

- Missile performance testing
- Flight test instrumentation
- RPV communications
- Remote ground communication

Options:

- Airborne antennas (UHF, L & S band)
- Ground support system for flight line checkout
- PAO cold plate and vibration isolation plate

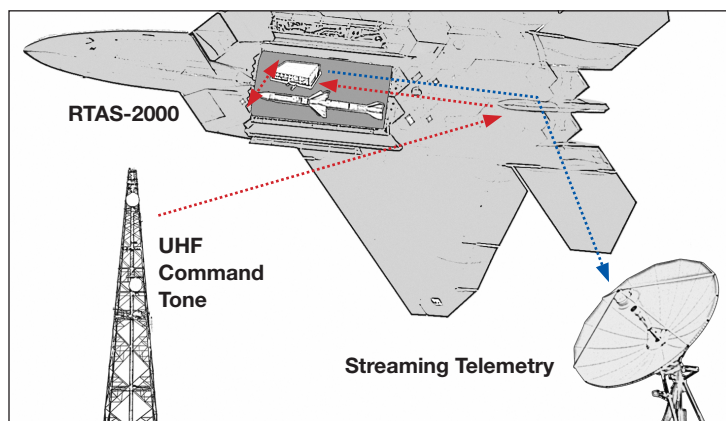
Features

- UHF Uplink
- L & S bands downlinks
- Four RF channels
- Multimode modulator/demodulator
- Supports: PCM/FM & SOQPSK
- Frequency selectable via RS-485 COM port
- Meeting IRIG-106 standards
- Data rates
 - PCM/FM from 180 kbps to 10 Mbps
 - SOQPSK from 360 kbps to 20 Mbps
 - Bit rate agile
- Internal status for temperature, frequency, and health status
- High efficiency power amplifier design
- Isolated prime power supply
- Environmentally rugged

Description

TTC's RTAS-2000 Telemetry Re-Radiation System provides the user with state-of-the-art, four channel, RF system designed to excite the flight termination UHF commands to a telemetry system, receive the telemetry, and Re-radiate the base band telemetry data on a different frequency band. The system utilizes multi-modulation technology that allows the user to receive the telemetry in one center frequency and format while retransmitting in a different frequency band and modulation scheme.

RTAS-2000 Rerad System



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RTAS-2000 Datasheet

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Specifications subject to change without notice.

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Management System
AS9100C
ISO 9001:2008