

Airborne Dual Band Multimode Transmitter, High Efficiency



Applications

- Missile performance testing
- Flight test instrumentation
- RPV communications
- Space craft instrumentation
- Remote ground communication
- Home land security

Options:

- IRIG randomizer
- TTL or RS-422 data interfaces
- RS-232/422/485 for programming
- Internal status for temperature, frequency
- Programmable power levels
- Custom operating frequency

Features

- L & C-Band
- Multimode modulator
- Supports: PCM/FM, SOQPSK, & Multi-H CPM
- Frequency Selectable via RS-232 COM port and Parallel BCD
- Provides IRIG compatible randomizer
- Data rates
 - PCM/FM from 80 kbps to 30 Mbps
 - Others Formats from 650 kbps to 60 Mbps
- Bit rate agile
- High efficiency power amplifier design
- 2.5" x 4.5" x 1.3"
- Environmentally rugged

Description

TTC's TTS-9689-2 series dual band, multimode transmitter provides the user with state-of-the-art modulation compatibility to IRIG-106-15, with user programmability provided through both a serial and parallel interfaces for center frequency and modulation options with a high efficiency power amplifier chain. The TTS-9689-2 series provides the highest power efficiency offered in the industry today while being backed by outstanding customer support.

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TTS-9689-2 Series Datasheet

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System
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