

### Airborne Multimode Transmitter, High Efficiency



#### Features

- L & S Bands
- Multimode Modulator
- Supports: PCM/FM, SOQPSK, & Multi-H CPM
- Frequency Selectable via RS-232 COM Port
- Provides IRIG compatible Randomizer
- Data Rates
  - PCM/FM from 180 kbps to 20 Mbps
  - Others Formats from 360 kbps to 40 Mbps
- Bit Rate Agile
- High Efficiency Power Amplifier Design
- 2.0" x 3.0" x 1.0"
- Isolated Prime Power Supply
- Environmentally Rugged

#### Applications

- Missile Performance Testing
- Flight Test Instrumentation
- RPV Communications
- Space Craft Instrumentation
- Remote Ground Communication
- Home Security

#### Options

- IRIG Randomizer
- TTL or RS-422 Data interfaces
- RS-232/485 for Programming
- Internal Status for Temperature, Frequency
- Programmable Power Levels
- Custom Operating Frequency

#### Description

TTC's TTS-6500 series Multimode Transmitter provides the user with state-of-the-art modulation compatibility to IRIG-106-04, with user programmability for center frequency and modulation options with a high efficiency power amplifier chain. The TTS-6500 series provides an isolated prime power supply and the highest power efficiency offered in the industry today while being backed by outstanding customer support.

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#### TTS-6500 Series Datasheet

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