

### Airborne Multimode Transmitter, High Efficiency



#### Applications

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

- Features
- L Band
- 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 10 Mbps
- Others Formats from 360 kbps to 20 Mbps
- Bit Rate Agile
- High Efficiency Power Amplifier Design
- 2.5" x 3.5" x 1.0"
- Grounded Design
- Environmentally Rugged

#### 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-6510 Series Datasheet

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