

Airborne Multimode Transmitter, High Efficiency



Applications

- Commercial aircraft flight test
- Flight test instrumentation
- RPV communications
- Remote ground communication

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

- S-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 80 kbps to 20 Mbps
 - Others Formats from 650 kbps to 40 Mbps
- Bit rate agile
- High efficiency power amplifier design
- 2.5" x 3.5" x 1.0"
- Environmentally rugged

Description

TTC's TTS-9630 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-9630 series provides the highest power efficiency offered in the industry today while being backed by outstanding customer support.

Revision 05/07/2015

TTS-9630 Series Datasheet

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Approved for Public Release 15-S-1867

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System
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ISO 9001:2008