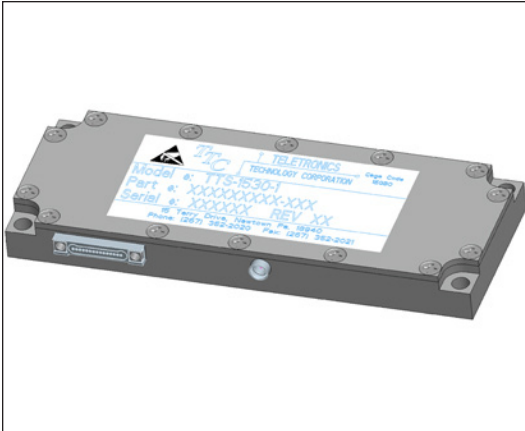


Airborne Multimode Transmitter, High Efficiency



Features

- S Band (2200 to 2300 MHz), C Band (4400 to 4940 MHz)
- Multimode modulator
- Supports: PCM/FM, SOQPSK, & Multi-H CPM
- Frequency selectable via RS-232 COM port with RS-485 optional
- Provides IRIG compatible randomizer
- Data rates
- PCM/FM from 180 kbps to 30 Mbps
- Others formats from 1 to 60 Mbps
- Bit rate agile
- High efficiency power amplifier design
- 1.25" x 3.40" x 0.35"
- Environmentally rugged

Applications

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

Options

- IRIG randomizer
- RS-422 data interfaces
- RS-232 for programming
- Internal status for temperature, frequency
- Programmable power levels
- Custom operating frequency
- No data clock required

Description

TTC's TTS-1530 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-1530 series provides the highest power efficiency offered in the industry today while being backed by outstanding customer support.

Revision 02/19/2014

TTS-1530 Series Datasheet

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Management
 System
 AS9100C
 ISO 9001:2008