

### Airborne FM Transmitter, High Efficiency



#### Applications

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

#### Options:

- TTL or data interfaces
- RS-232/422/485 for control
- Programmable center frequency
- Custom operating frequency
- Custom RF output power

#### Features

- S Band
- 0.5 and 1 Watt versions
- True FM modulator
- Center frequency selectable via RS-232
- GPS frequency filtering
- IRIG 106 compatible
- Low current draw
- 2.3" x 0.7" pre-wired
- Light weight – less than 3 ounces
- Environmentally rugged

#### Description

TTC's TTS-3030 transmitter provides the user with a IRIG 106 compliant, a high efficiency power amplifier chain, True FM transmitter. The TTS-3030 series provides the highest power efficiency, while eliminating spurious outputs at the GPS frequencies. This transmitter is offered with a COM port interface to program the center frequency using a standard office computer and Hyper Terminal. The command protocol meets the intent of IRIG 106 Appendix N as applicable to a non-multimode transmitter.

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#### TTS-3030 Series Datasheet

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