



Product Sheet

Flight Termination Test Set

FLIGHT TERMINATION TEST SET

FTTS-P-8

The portable Flight Termination Test Set (FTTS) supports 8 and 20 tone receiver testing with a modulated radio frequency (RF) output capable of transmitting up to 6 tones simultaneously at adjustable power levels, using an included antenna for in-vehicle flight line go/no-go testing. The Tone Generator enables direct RF verification of receivers before vehicle integration. Both compact, lightweight units are designed to support diverse testing mission requirements.

The FTTS can transmit up to 6 tones simultaneously, and the RF output power is adjustable from 0 to -127 dBm. The IRIG tones can be switched ON/OFF independently from the control panel.



Features

- Portable Go/No-Go Testing
- 8 and 20 Tones Configurations
- IRIG 313-01 Compliant
- Variable RF Output Level
- Variable Carrier Frequency
- Antenna and Coaxial Cable included

Applications

- Range Safety
- Flight Test

FLIGHT TERMINATION TEST SET

Specifications:

Size:	9.00" H x 12" W x 5" D
Weight:	Approximately 10 lbs
Power Input:	Universal Input: 115 VAC to 230 VAC, 50 to 60 Hz
Carrier Frequency:	406 to 450 MHz in 100 kHz steps
Carrier Frequency Stability:	$\pm 0.0005\%$
Power Output:	0 to -127 dBm
Output Impedance:	50 ohms
Output Connection:	Type N Female
Modulation:	Wideband FM, ± 30 kHz per tone
Tone Frequencies:	Any combination of up to 8 tones per IRIG 313-01 (maximum of 6 tones ON simultaneously)
Remote Control:	RS-232 (other options available)
Spurious Outputs:	-50 dBc
Harmonic Distortion:	< 2%

Options

Standard EIA 19" Rack Mount available
20 Tone model available (FTTS-P-20)
Local/Remote: RS-232, GPIB, or Ethernet

