

SmartSAT's newest test station, the IW CIB-TTS, provides the capability of testing Integrated Waveform (IW) terminals in a simulated, over-the-air environment. The only fully functional IW tester on the market, the CIB-TTS accurately emulates the current performance characteristics of the waveform. The full system includes a 4-channel satellite simulator (SATSIM4), a Combiner Attenuator Test Set (CATS), a GPS unit, a SATCOM terminal\*, a rack-mount PC, monitor, and keyboard. The Integrated Waveform (IW) Channel Controller (CC) SAC-III, PTSC software, SATSIM and CATS remote control software are pre-installed. The complete system is neatly integrated in a ruggedized transit case or standard 19" rack.

## Common Interactive Broadcast-Terminal Test System (CIB-TTS) CIB-TTS-401

### SPECIFICATIONS:

#### Mechanical Specifications:

Weight: 400 lbs  
 Size: 19", 22U 26" Deep Rack  
 Cases: Vary by customer specifications

#### Components:

Rack mount Keyboard/Monitor  
 4-Channel SmartSAT Satellite Simulator  
 Combiner Attenuator Test Set (CATS)  
 GPS Receiver and 10 MHz Frequency Reference  
 System Interconnect Cable Set  
 10BaseT to 10Base2 Media Converter  
 Customizable Case

#### Optional:

\*2-Channel RT-1828(p)/G UHF SATCOM Receiver/Transmitter

\*Can be purchased with the system, or provided by the user.



### Features:

- Rack mounted components
- Easy-access to signals on front and rear
- Intended for lab use
- Heavy-duty transit case for easy transport
- Internal storage space for miscellaneous cables and terminations