

T-RX GPS Signal Generator

TER-101



CCX Technologies Signal Generator is an easy to use system that interfaces with CCX Technologies T-RX Avionics tester to validate GPS functionality of avionics GPS receivers.

Key Features
Connects to T-RX via USB
Connection:
<ul style="list-style-type: none">RF connection to CCX antenna couplerDirect to GPS receiver
6 satellites simulated, including WAAS/EGNOS
Dynamic GPS location defined using:
<ul style="list-style-type: none">Latitude and longitudeAltitude, track, and vert rate
Can be used simultaneously with other T-RX tests such as ADS-B OUT/IN or ILS
Facilities testing:
<ul style="list-style-type: none">ADS-B IN systems that require a GPS track for target displayGPS to ILS transitions



Included with the Signal Generator

GPS Generator

USB cable to connect to the T-RX

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Antenna Coupler:

IK-310



The CCX Technologies GPS Antenna Coupler provides more than 20 dB of antenna isolation to ensure no interference outside GPS signals when simulating a GPS. The Antenna Coupler comes included with a 9.8 ft long Coax Cable to connect coupler to signal generator.

Key Features:

Reliable GPS simulation in hangars and other low coverage areas

When used with CCX's GPS Simulator:

- Almanac and TOD update when no outside GPS signal is available
- Able to automatically download the current Almanac to stay up to date
- Sensitivity testing of the GPS system
- Dynamic GPS simulation to simulate aircraft movement for testing of other aircraft systems

Provides >20 dB of antenna isolation

Durable/Rugged design for ramp use

Supports GPS antennas up to 6 inches in diameter



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