

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 coupler Direct to GPS receiver
6 satellites simulated, including WAAS/EG-NOS
Dynamic GPS location defined using:
<ul style="list-style-type: none"> Latitude and longitude Altitude, 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 display GPS to ILS transitions



Included with the Signal Generator

GPS Generator

USB cable to connect to the T-RX

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
<ul style="list-style-type: none"> • Almanac and TOD update when no outside GPS signal is available
<ul style="list-style-type: none"> • Able to automatically download the current almanac to stay up to date
<ul style="list-style-type: none"> • Sensitivity testing of GPS system
<ul style="list-style-type: none"> • 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

