



# GPS FOR NETWORK SYNCHRONIZATION

## GPS Signal Testing Device - ZONU SkyShot



### Features

- Supports GNSS, GALILEO, GLONASS
- -20°C to +65°C Operating Temperature Range
- Compact Handheld Device
- Rechargeable via USB Port
- Device for Data Capture
- SMA RF Connector
- Can tracks up to 16 Satellites Simultaneously
- Easily connect to a Laptop or Android Smart Device for data capture
- Now Featuring Bluetooth™ Connectivity Capability\*  
(\*PC & Android products only)

### Applications

- RF GPS Signal Presence
- GPS Antenna Functionality
- Optical Receiver Functionality
- Install Validation and “Birth Certificate” Data for Closeout packages
- Truly “Neutral” Testing Device



**Compatible with:**  
- PC - Windows OS  
- APP- Android OS

## ZONUSKYSHOT GPS TESTER

### Description

The ZonuSkyShot GPS Tester is a compact GPS receiver that detects the presence, and the signal strength of a GPS signal. The ZONUSkyShot can identify up to sixteen satellites as received by the installed antenna. ZONUSkyShot can connect via USB or Bluetooth™ to any Windows OS-capable PC or Smart Device (i.e. phone or tablet) operating on the ANDROID OS. With this connectivity, the ZONUSkyshot can report the number of Satellites visible to the receiver showing signal strength individually for up to 16 satellites; and display it on the connected devices screen.

Furthermore, this GPS receiver can be accessed at the USB port on the Base Unit, or via a Bluetooth™ device allowing the user to see the available satellites using the app provided with the system and available at the Optical Zonu website. The receiver can simultaneously track up to 16 satellites while searching for new ones. An example is shown in the following page. This feature permits verifying the OZC GPS over Fiber solution independent of any other equipment. However this test device is truly neutral, and gives measurements at the antenna, or after a coax run; simply connect the ZonuSkyShot to any RF output of an Optical Zonu GPS Fiber Transport, GPS at the Edge or GPS Over Fiber with the short SMA RF jumper. The unit can be plugged into AC power with the AC adaptor included to charge the internal lithium-Ion battery.

If the GPS signal is being received, the GPS LED will blink green. For more detail, a laptop can be connected to the unit via the micro USB port, or using our “New” Bluetooth™ feature, the constellation and received signal levels for all visible GPS satellites are shown.

The ZonuSkyShot has an internal battery which is recharged with an AC adaptor, included. There is an On/Off switch to save battery power. Sufficient battery charge is indicated by a green PWR LED.

All of the OZC GPS RF over Fiber Solutions provide the most comprehensive monitoring and alarming functionality available with minimum complexity.

See patent number US 10,257,739 B1.

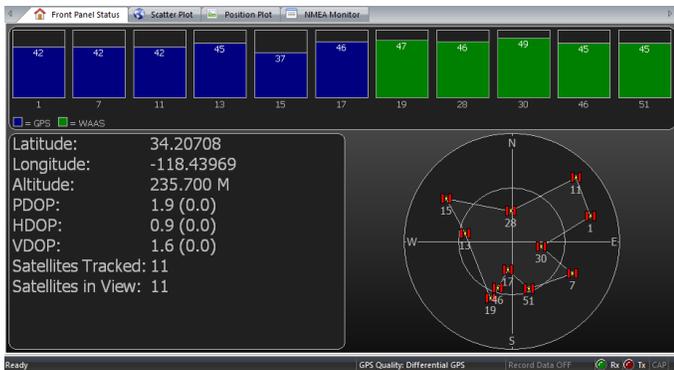
### SkyShot Features



### SkyShot User Interface

Connecting the Skyshot - The user interface can be accessed using a micro USB port with a PC Windows OS laptop or Bluetooth™ enable smart device with Android OS, permitting the user to see the signal quality of the satellites being tracked along with the position data using the application included. The unit uses rechargeable battery power and can be plugged into computer USB power or AC power with the AC adaptor included. Sufficient battery power is indicated by a red PWR LED. If the GPS signal is being received, the GPS LED will blink red.

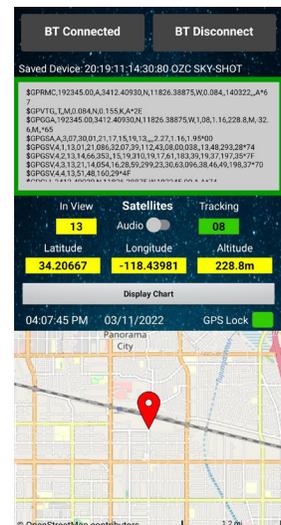
**Bluetooth™** Compatible with: PC - Windows OS and APP- Android OS



PC - Windows OS



APP- Android OS



### LED Definitions

LED State	GPS	POWER
OFF	No GPS Signal Received	GPS Tester Not Powered Not Powered
RED (blinking)	Timing Received from GPS Satellite(s)	GPS Tester is Charging and/or Battery Low
RED	-	GPS Tester is Powered On

### Mechanical Parameters

Dimensions	3.0" x 2.75" x 1.0"			
Connectors	RF	SMA(F)	Power/Data	Micro-USB

### Alarms & Monitoring

LED State	GPS	POWER
OFF	No GPS Signal Received	GPS Tester Not Powered Not Powered
RED (blinking)	Timing Received from GPS Satellite(s)	GPS Tester is Charging and/or Battery Low
RED	-	GPS Tester is Powered On

## Ordering Information

**ATI-GPSI-BT** (GPS Bluetooth™ Tester only)

**ATI-GPSI-BT-KIT** (Complete Kit with Case)

**ZAI-I-05-10-USB** (AC to 5VDC Power Supply, 1A, 5W, Micro USB)

**Z222-0195-SS-SS-12** (RF Jumper, 24", SMA(m) to SMA(m))



## Related Products

[Z600 GPS Transmitter/Receiver Standalone Modules, L1/L2, Transmitter LNA/Bias-T, Receiver Antenna Load, Optional CWDM](#)

[GPS Fiber Transport, Rugged IP67 Antenna Unit, Auto-Switchover Redundancy Option, 8/16 GPS Output Optical Receivers](#)

[J-Chassis, 19" 1RU, 5 or 10 Slot, JS14 Managed RFoF Capability](#)

## Additional Resources

[GPS Over Fiber Link](#)

[GPS Timing Distribution, Carrier Grade Transport](#)

[Standalone RF Over Fiber Modules](#)

[RF Over Fiber Rack Mount Integrated Subsystems](#)

[RF Over Fiber Rack Mount Modular Subsystems](#)

[RF Over Fiber Applications](#)

[19" 1RU J-Chassis](#)

[19" 3RU J3U Chassis](#)

[19" 1RU OZC9500 Chassis](#)

## Contacts

### HEADQUARTERS

7510 Hazeltine Avenue, Van Nuys, CA 91405

Main: 818-780-9701 Fax: 818-780-9739 info@opticalzonu.com

### INSIDE SALES

818-780-9701 x122 ;  
818-616-2043  
sales@opticalzonu.com

### CUSTOMER SUPPORT

818-780-9701 x276 ;  
818-452-5131  
support@opticalzonu.com

### SALES - RF

818-780-9701 x122 ;  
818-579-9630  
sales@opticalzonu.com

### SALES - RF EAST

818-780-9701 x140 ;  
818-579-9594  
sales@opticalzonu.com

### SALES - SATCOM

818-780-9701 x242 ;  
818-452-5896  
sales@opticalzonu.com

### SALES - DIGITAL

818-780-9701 x131 ;  
818-579-9592  
sales@opticalzonu.com

### TECHNICAL SUPPORT

818-780-9701 x134 ;  
818-579-2359  
support@opticalzonu.com

