



WWW.JAVAD.COM



Triumph-VS

Lift & Tilt
Video Lessons
Galileo E5 altBOC

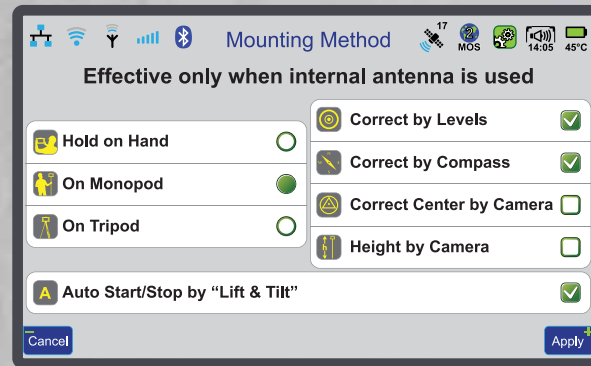
See us at JAVAD.com

The screenshot shows the JAVAD website homepage with the following content:

- Navigation:** JAVAD logo, PRODUCTS, SUPPORT, MENU, JAVAD, MY.
- Header:** "You've come a long way... Survey! View and Order Triumph-VS"
- Introducing Justin Link:** Transfer points and attributes from TRIUMPH-VS to Justin.
- Introducing NetHub:** Download and upload to ftp Receiver files. Released March 20.
- Introducing NetView:** Transfers data from JAVAD GNSS receivers to computer and controls receivers.
- Javad Video Lessons:** He will personally guide you how to use TRIUMPH-VS. Click the image.
- Signal updates on Galileo GIOVE-B and Compass satellites**
- TRIUMPH-VS:** Three new revolutionary products packaged in one!
- Lift & Tilt Survey:** Don't Look! Don't Touch! TRIUMPH-VS reads your mind!
- Interferences:** See in-band interferences that affects your job performance.
- TRIUMPH-VS How-To's:** Questions regarding TRIUMPH-VS.
- JAVAD GNSS receivers can track Chinese Compass (BeiDou-2)**
- TRIUMPH-1:** A fully integrated package.
- TRIUMPH-4X:** 4-antenna input receiver.
- Alpha, Delta, Sigma:** New Receivers are based on our TRIUMPH Technology.
- GISmore:** Fully integrated small GPS+GLONASS L1.
- All JAVAD GNSS receivers track QZSS Satellite and its New L1C signal**
- OEM Boards:** We offer 11 OEM boards.
- DUO, Quattro:** 2- and 4- antenna inputs OEM Boards.
- Subscribe:** Subscribe to receive our web updates as RSS feed.
- Questions:** JAVAD GNSS question & answer system.
- U.S. Geological Survey Awarded JAVAD GNSS up to \$3.9M Contract.**
- Giodis:** A sophisticated and easy to use geodetic software.
- Justin:** A comprehensive Survey and GIS software.
- Tracy:** A versatile and powerful field software.
- Victor:** A rugged controller for field operation.
- Footer:** JNS customers click here for support

LIFT

First, put TRIUMPH-VS in “Lift & Tilt” mode.



Then, go to the survey mark, lift TRIUMPH-VS to near vertical (better than 5 degrees). Survey will start automatically and sensors continuously compensate for leveling offsets. Audio tones keep you informed of the survey progress. You can use a headset if you are in noisy area. You can also take notes by talking to TRIUMPH-VS.

Patents pending

TILT

When you are happy with the survey result, just tilt the TRIUMPH-VS (more than 15°) and walk to the next point. TRIUMPH-VS will close files automatically.



Patents pending

LIFT

Then go to your next point. Lift it up and do again as you did in the previous survey point: Do Nothing! Just lift it up to near vertical.



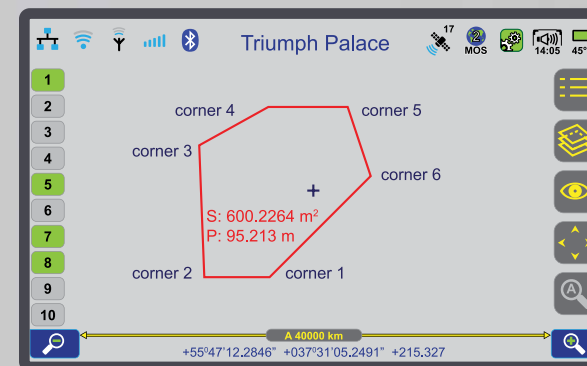
Patents pending

TILT

When you are happy again, tilt it again, and walk to the next point. Points and file names will auto-increment. You can over-write names if you like.



If you are doing a parcel survey (for example) after the last parcel point, push “Parcel End” and see the parcel map, parcel area and parcel perimeter instantly.



Patents pending

We have lots of news

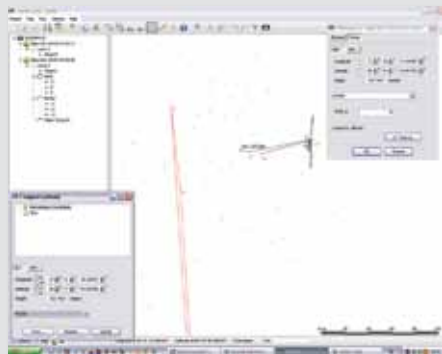


Javad Video Lessons

He will personally guide you how to use TRIUMPH-VS. Click the image.



Triumph-VS External Battery Charger



Introducing Justin Link

Transfer points and attributes from TRIUMPH-VS to Justin.

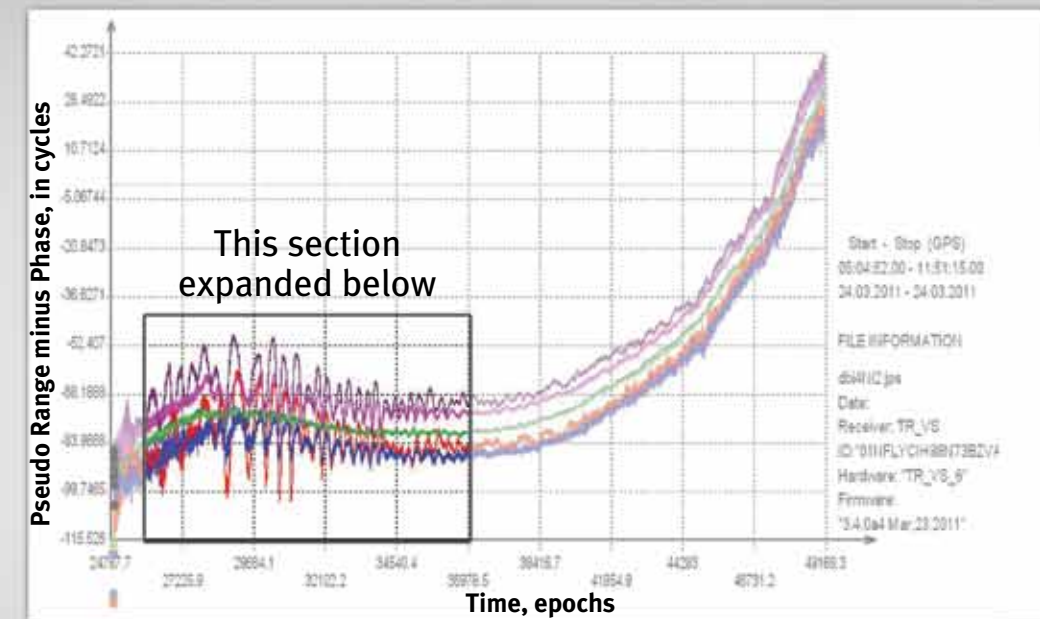


Introducing NetHub

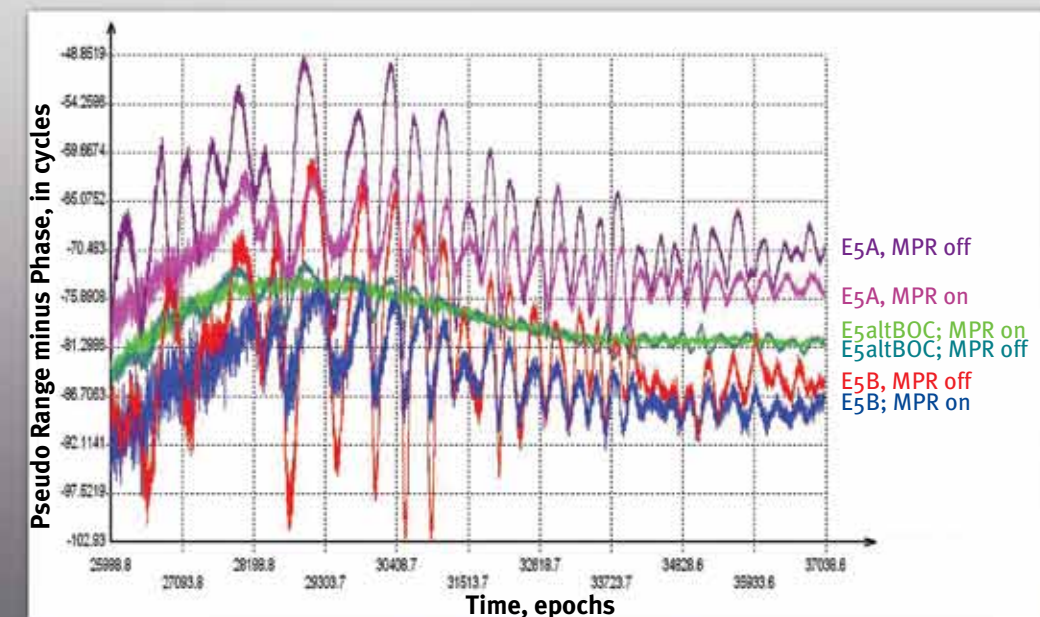
Download and upload to ftp Receiver files.

TRIUMPH-VS tracks Galileo E5 altBOC signal

Triumph-VS receiver has the option to track E5A, E5B and E5altBOC signals now. These 3 signals may be tracked independently, but as expected, E5 altBOC combination shows great multipath reduction compared with separate E5A or E5B signals. Javad's superior multipath reduction (MPR) technique makes it almost perfect.



Six plots in this graph show three signals, each with and without JAVAD's multipath reduction feature.



This plot zooms in the area of 30 degree elevation mask, where huge multipath existed due to a nearby metal roof.