

Cinterion® Support Package

HW07

GNSS Sensitivity Tests

Customer Consulting

Design-In Consulting

Schematics, Layout Review

Hardware Consulting

Antenna, ESD, Spurious, GNSS

**Software /
Application Consulting**

ATC, USB, MUX, RIL, Java, Linux

Approval Consulting

Protocol, Toolkit, SIM (SW, HW)

Production Consulting

Production line, End of Line

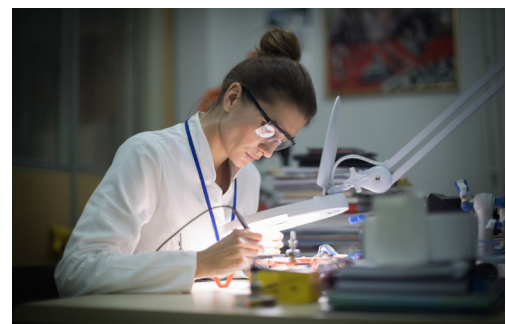
Motivation

The professional support during the development, deployment and ramp-up phases is one of the valuable qualities of Telit Cinterion. The goal of our Support is to increase the product-reliability, reduce the time to market and save money for our customers. Based on our long-term experience we have developed the most suitable support packages and workshops for each project phase.

Package Description

With the GNSS sensitivity and compliance pre-test, experts will check the status of the design process. The Sample(s) will be verified for the possibilities of further measurements and tests.

Our experts perform the qualification with each sample sent to the support center. The most valuable feedback can be achieved when the samples was provided at the early development state.



Electronic Design Offerings

Design, Simulation and Review

- Check the status of design process
- Measurement of GNSS sensitivity
- Elaborate the quality of the position data using a dynamic test scenario

Prerequisites

- Description of device including usage of communication interfaces
- Prepared possibility to store the NMEA data output in a text file (for minimum 1 hour)
- Schematics of integration of Cinterion module (schematics of powers supply path, schematics of antenna path, schematics of audio path (if applicable))
- Assembly manual
- Complete working sample with housing, charger and accessories

Results

- Test report regarding the sensitivity of the supported GNSS technologies including GPS, GLONASS, BEIDOU and GALILEO (if applicable)
- Recommendations for improvements and further development

Conclusion – Next

Our experienced engineers will be glad to share their experience with you and to improve the hardware and software design of your application. We offer further project-attendant services which may be valuable for your project. Feel free to contact our representative for further information.



Estimated effort:

1 - 2 working days

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