

Cinterion® Support Package

HW05

SIM/UICC Electrical Tests

Customer Consulting

Design-In Consulting

Schematics, Layout Review

Hardware Consulting

Antenna, ESD, Spurious, SIM

Software /
Application Consulting

ATC, USB, MUX, RIL

Approval Consulting

Protocol, Toolkit, SIM (SW, HW)

Production Consulting

Production line, End of Line

Motivation

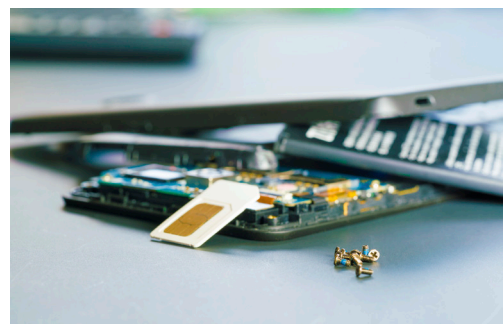
During the development, deployment and ramp-up phases of your project, you can be sure of our professional support – one of the most valuable and outstanding qualities of working with Telit Cinterion

The goal of our support is to increase product reliability, reduce the time to market and save you money. Based on our long-term experience we have developed the most suitable support packages and workshops for each project phase.

Package Description

Electrical SIM/UICC tests verify the reliability of the SIM/UICC signals, the SIM/UICC voltage levels, as well as crosstalk and current spikes on the SIM/UICC interface of your product. The testing will be performed accordingly to the 3GPP specification on a Comprion approval test system.

Every single event, which does not comply with the 3GPP SIM/UICC interface specification, will be detected. A test report of the results is available. The electrical SIM/UICC test ensures that your product will pass the SIM/UICC electrical tests during GCF/PTCRB approval.



Package Offer

Product content

- | SIM electrical testing according to 3GPP 51.010-1, chapter 27.17
- | UICC (USIM) electrical testing according to ETSI 102 230, chapter 5
- | 1.8 V / 3 V technology card tests
- | Check rise/fall times, voltage levels, crosstalk, current spikes on all lines

Requirements/Pre-Conditions

- | Mobile device in its final HW version (for best evidence)
- | SIM/UICC flex adaptor will be inserted in SIM/UICC tray for testing
- | Ability to power-cycle the device and enter the PIN

Results/Outcome

- | Detailed test report with results of all SIM/UICC electrical tests
- | In case of failed tests, recommendations given to help find a solution

Conclusion – Next

Our experienced engineers will be glad to share their expertise with you, 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:

3 working days

Telit Cinterion Deutschland GmbH
Werinherstraße 81
81541 Munich
Germany