fime

Contactless Test Station III

Accelerate your journey to success with CTS III



NFC validation tester

Overview

The mass deployment of near field communication (NFC) technology presents engineers with new and challenging use cases. These include mobile payments, ticketless transportation, keyless automotive entry and more. Engineers must rigorously validate the conformance of their prototypes and ensure they meet the interoperability requirements of the market.

Powerful hardware components

The CTS III is a combination of hardware resources never used before in NFC testing. As the most powerful field-programmable gate array (FPGA) and best in class converters, it boosts productivity.

Accelerate your testing process

The CTS III significantly boosts productivity compared to previous generations of NFC test platforms. Benchmarks demonstrate up to an 80% reduction in testing time for analog test campaigns.

Step-up your validation

The new NFC signal generation capabilities push the limits of your design's comprehension. Simulation of noise, crosstalk, overshoots and all other parameters are available on demand.

Fime can help you at any stage of your project lifecycle.

Define | Design | **Deliver** | Test

Key benefits

- Accelerate your efficiency and productivity
- Push the limits of NFC test innovation during validation
- Test comfortably with a small and light tool
- Meet major standards, including those of ISO10373-6, EMVCo and NFC Forum

Key features

- High performance NFC smartcard and reader simulator
- Support for ISO 14443 A/B, ISO 15693, MIFARE™ and FeliCa™ protocols
- Integrated protocol analyzer feature
- High performance DAQ board
- Resonance frequency, Q factor, S11 parameter measurement
- Supplied with a platform for full control of the simulator
- Can be integrated in any customer specific test sequencer thanks to its extensive API
- Compact form factor
- Quick execution of normative test cases. Runs a complete EMVCo PCD Analog debug campaign in less than 90 minutes.



> The CTS III is the ideal tool to accelerate your developments and NFC conformance testing.

Louis Nové
Product Manager

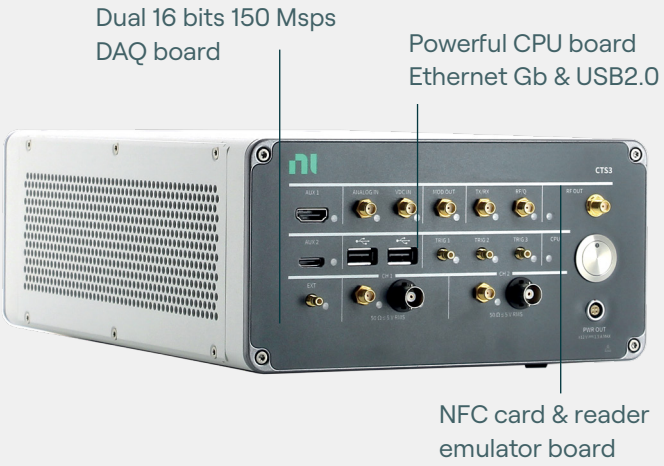


The CTS III comes with a platform featuring a user-friendly interface, providing access to all simulator functionalities.

Small is powerful

5 times lighter and 7 times smaller than the previous generation.

102 mm	204 mm	306 mm	3,8 kg
HEIGHT	WIDTH	LENGTH	WEIGHT



Full featured NFC tester with power amplifier reader / card emulation test / measurements testing.

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Making innovation possible.
Making the world work.

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