

# Speed Up Your Workflow in 5G Device Test

## Keysight Understands Your Test Challenges

Realizing your 5G innovations in your new design may seem difficult because 5G test requirements are evolving. There may be unclear design specifications, numerous test scenarios, and more. 5G technology is complex, and your team may require additional support to navigate their device test equipment's advanced features.

Keysight's Script Development and Automation Support services can help you with the following:

- signal script creation
- procedure for parameterization and modular, reusable scripted signaling
- test plan creation and automation through SCPI
- remote control test management

Get access to Keysight's 5G test experts using advanced equipment for testing your 5G design. Integrated into the Keysight E751B UXM 5G wireless platform, our 5G network test solutions give you a signaling test platform with multiformat stack support, rich processing power, and abundant RF sources.

## Experts to help you

With extensive knowledge of advanced test methods, evolving standards, and practical experience with hardware and software environments, Keysight's technical experts offer value-added support services:

- Develop test scenarios and scripts to match specific requirements against 3GPP standards and carrier acceptance.
- Implement additional or customized requirements specific to your projects that go beyond 3GPP definitions.
- Create and implement test automation of the system commands and management interfaces against different devices under test (DUTs).



### Keysight Services

Our applications experts are available to share their expertise to address your specific test challenges.

For more information, contact your local Keysight sales representative.

## Get more from your 5G test assets

New customers receive a 5G start-up assistance service. There are also two additional in-depth services — device integration and advanced signaling, script development, and automation to help you with specific support in predefined fields. Keysight also offers customized services based on your requirements.

## Consulting Services

Keysight's consulting services give you access to test experts, committed technical support response times, and an online resources database. We can ensure you make the most from your test equipment with the required performance and feature set to meet current and future needs:

- Parameterize a test set up to run a wide range of test features without reconfiguration, such as sweeping bands, BW's and frequencies.
- Create and speed up complex PRT (Protocol R&D Toolset) script developments.
- Get reference PRT scripts for testing specific and advanced features.
- Set up and manage test automation architecture to get your test execution, DUT control, and report generation fully automated with components including PC, drivers, USB, and more.



## Service description

Description	Users	Training description	Key benefits
Script development and automation support services	<ul style="list-style-type: none"><li>• Tailored to address chipset, device, module, vendor, OEM, and test lab operators</li><li>• New or experienced users who need in-depth assistance with specific script creation, test development, or test automation</li></ul>	Three-day package of On-site support by Keysight application engineers	<ul style="list-style-type: none"><li>• Parameterize a test setup capable of running a wide range of test features without reconfiguration</li><li>• Create and speed up complex PRT script developments</li><li>• Get reference PRT scripts for testing specific and advanced features</li><li>• Set up and manage test automation</li></ul>

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To learn more, visit us at [Keysight Consulting Services](#).

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