



## Single box solution for release and production testing

For production or R&D release/regression testing, the PVT360A meets the speed and cost requirements with a small form factor. The PVT360A can also provide two VSGs and VSAs in one box for parallel O-RU testing.

## O-RU test setup

- ▶ R&S®FSV3000, R&S®FSVA3000 or R&S®FSW signal and spectrum analyzer
- ▶ R&S®SMW200A, R&S®SMM100A or R&S®SMBV100B vector signal generator
- ▶ R&S®VSE vector signal explorer software
- ▶ VIAVI TM500 O-RU Tester
- ▶ VIAVI O-RU Test Manager Application
- ▶ PVT360A performance vector tester

A single box solution for release and production testing that can replace signal generators and signal and spectrum analyzers

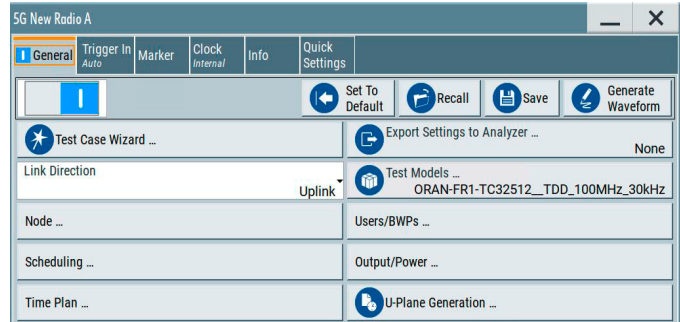
## Summary

The market-leading signal generation and analysis solutions from Rohde&Schwarz fully support 3GPP TS 36.141 and TS 38.141 base station conformance testing. The solutions have been extended to support automated O-RAN WG4 conformance testing (O-RAN.WG4.CONF) when paired with a VIAVI TM500 O-RU Tester. Users can benefit from the future proof Rohde&Schwarz measurement instruments both in the R&D lab and during production.

## See also

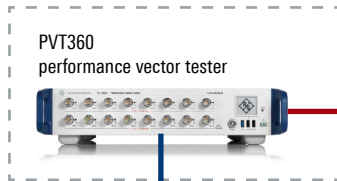
[www.rohde-schwarz.com/wireless/o-ran](http://www.rohde-schwarz.com/wireless/o-ran)

## Signal generation using the R&S®SMW200A vector signal generator

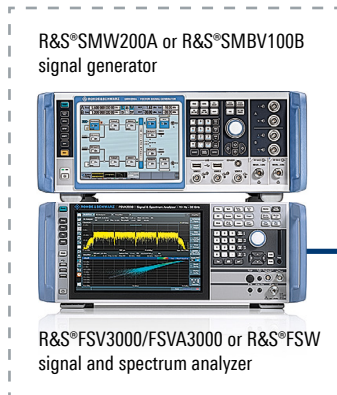


## Fully automated test setup for O-RU testing

### For release and production testing



### For R&D and conformance testing



Automatic control via O-TMA

Control PC with VIAVI O-RU Test Manager (O-TMA) and R&S®VSE application

O-RU (DUT)  
Open fronthaul  
split 7-2x

VIAVI TM500 O-RU Tester

Rohde & Schwarz GmbH & Co. KG  
[www.rohde-schwarz.com](http://www.rohde-schwarz.com)

Rohde & Schwarz training  
[www.training.rohde-schwarz.com](http://www.training.rohde-schwarz.com)  
Rohde & Schwarz customer support  
[www.rohde-schwarz.com/support](http://www.rohde-schwarz.com/support)

R&S® is a registered trademark of Rohde & Schwarz GmbH & Co. KG  
Trade names are trademarks of the owners  
PD 3683.5668.92 | Version 02.00 | May 2024 (ja)  
Verifying O-RAN radio units  
Data without tolerance limits is not binding | Subject to change  
© 2022 - 2024 Rohde & Schwarz GmbH & Co. KG | 81671 Munich, Germany

