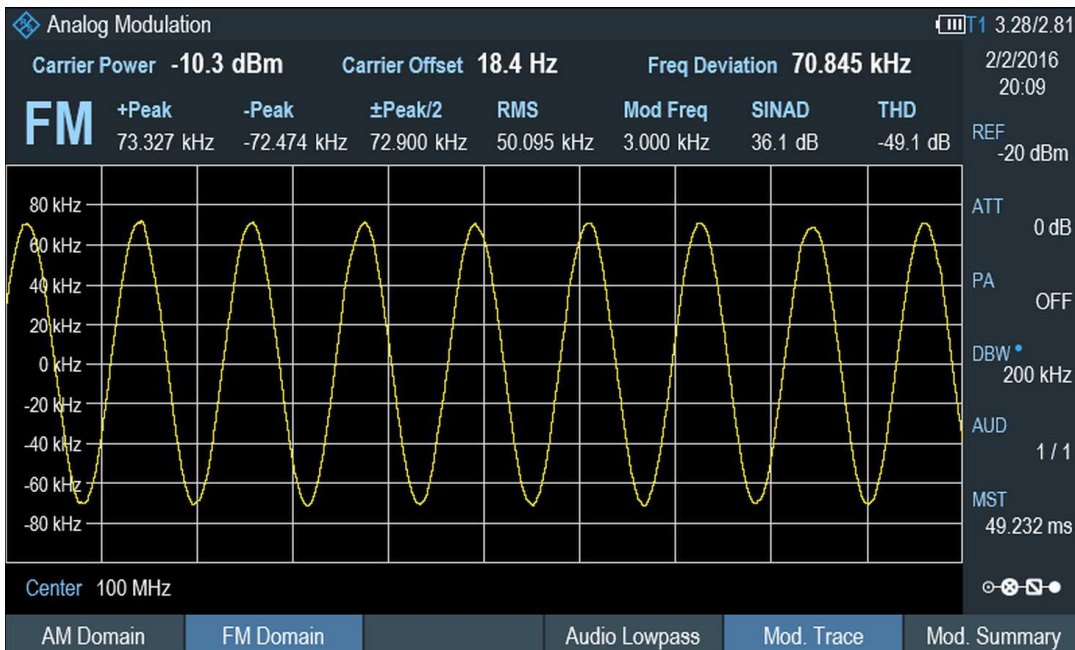




ROHDE & SCHWARZ

R&S® Spectrum Rider supports AM/FM analysis, Measurement Wizard and GPS (FW1.20)



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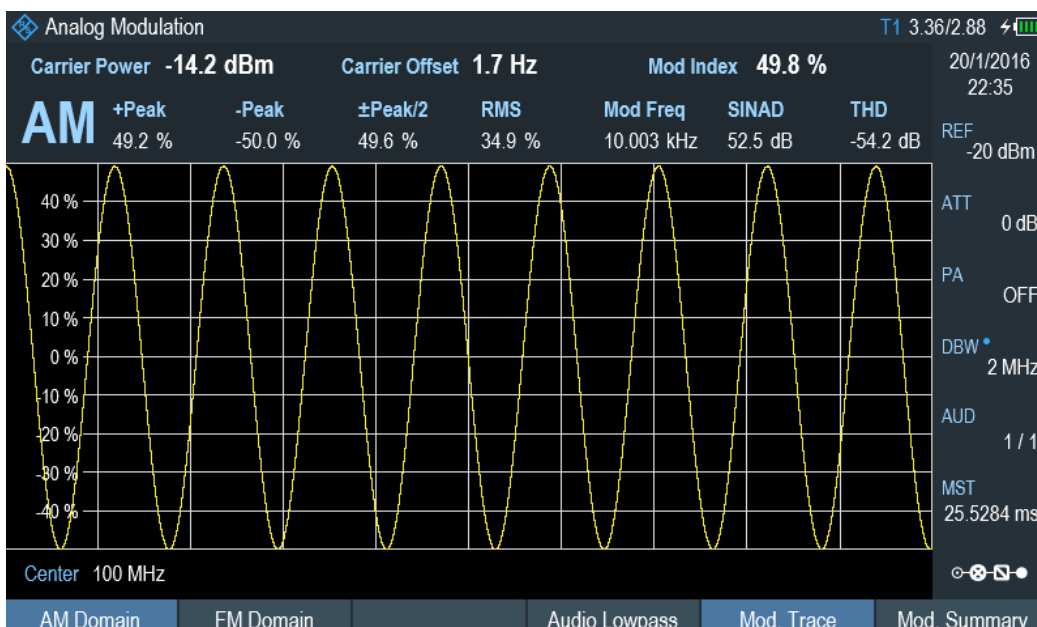
1 FPH-K7 AM/FM Analysis

The R&S®FPH-K7 option converts the R&S®Spectrum Rider into an analog modulation analyzer to measure the quality of amplitude or frequency-modulated signals.

All relevant parameters of AM/FM signals are measured with the FPH-K7 option: Carrier Power, carrier Offset, Frequency deviation, Modulation Index, SINAD, THD, etc.

For each modulation type there are 2 measurement screens: one showing the view of the modulated signal and a modulation summary where users can set upper and lower limits for each parameter.

This option is recommended for field service and repair labs in the AM/FM broadcasting and aerospace and defense industry, e.g. for AM/FM transmitter testing, air traffic control, military radio applications or FM broadcasting companies. Its portability allows the instrument to be hand-carried anywhere.



1.1 Ordering information

Description	Type	Order Number
FPH-K7 AM/FM ANALYSIS software license	FPH-K7	1321.0696.02
FPH-K7 AM/FM ANALYSIS unregistered software license	FPH-K7	1321.0696.03
FPH-K7 AM/FM ANALYSIS portable software license	FPH-K7	1321.0696.07

1.2 Competition

Anritsu and Keysight offer similar options with the HSA Spectrum analyzer, the Fieldfox and the Spectrum Master. However the Viavi (former JDSU) handheld analyzers don't support analog modulation analysis capabilities.



	B&K 2650A/2652A	Bird SH- 36S Signal Hawk	Keysight N9340B	Anritsu MS2711E MS2712E	R&S Spectrum Rider	JDSU JD784A
AM/FM demod analysis			√ 610 EUR/ 653USD	√ 728 EUR/ 700USD	√ 500 EUR / 570 USD	

In typical instrument configuration the R&S Spectrum Rider is between 30% and 50% more economic than its competitors.

2 Measurement wizard for R&S Spectrum Rider

The measurement wizard simplifies measurements by automating, standardizing and optimizing test sequences. A sequence of standardized and recurring measurements can be performed quickly, easily and without mistakes.

Working with the wizard requires 3 steps:

1. Create the test sequences centrally using the R&S®Spectrum Rider and the R&S®Instrument View software running on a PC. Pictures and written instructions can be added to each measurement step.
2. The operator in the field only needs to start the wizard, select the measurement sequence and follow the predefined onscreen instructions. The results are saved as soon as all measurements are completed.
3. Create a measurement report in PDF, RTF or HTML format using the report generator in the R&S®Instrument View software.

The measurement wizard is available with the R&S spectrum Rider as standard and can be started pressing on the “wizard” key.

The measurement wizard is unique to Rohde und Schwarz. Some competitors like Viavi /JDSU start copying it in some of their handhelds.

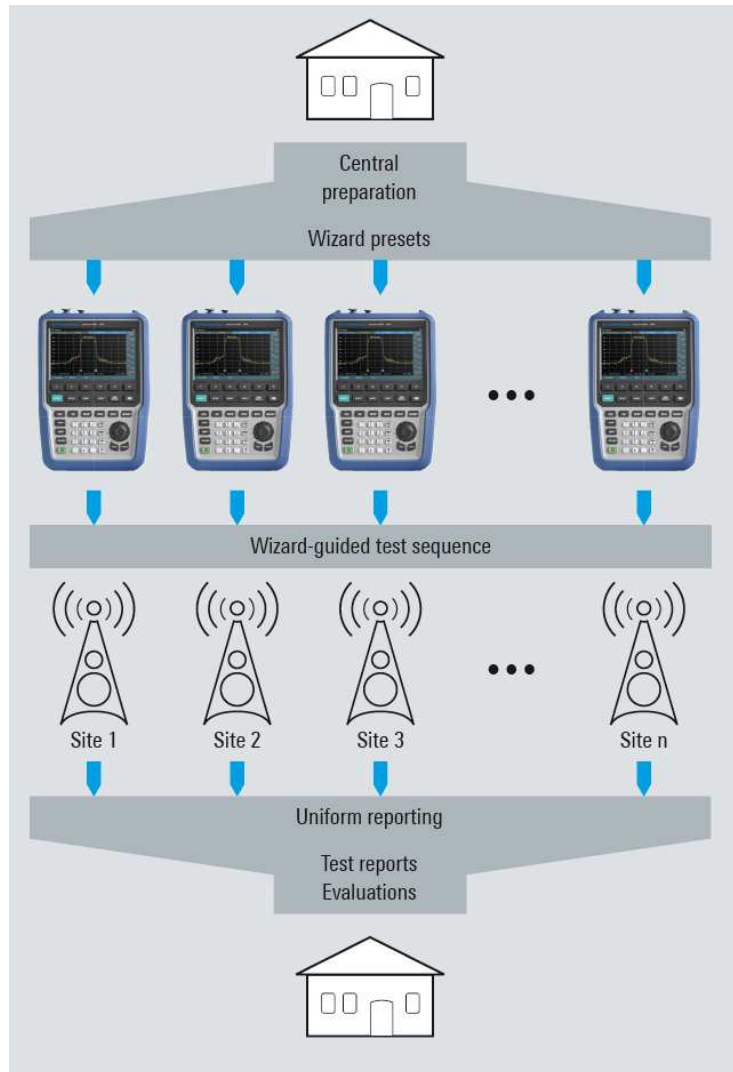


Figure 1 Typical deployment setup with measurement preparations and post-processing

3 GPS receiver for R&S Spectrum Rider (HA-Z340)

The GPS receiver is connected to the Spectrum Rider via USB and will be supported with the FW 1.20.

Description	Type	Order Number
GPS receiver for R&S®Spectrum Rider	HA-Z340	1321.1392.02



Figure 2 GPS receiver for Spectrum Rider (HA-Z340)

4 Market introduction schedule

The FW1.20 will be available **End of February 2016** supporting the functions above

5 Supporting materials

Product Brochure, Datasheet, Flyer (website)

General presentation, sales & demo kit (in sales web)

Please do not hesitate to contact your local Rohde & Schwarz partner.