

Rohde & Schwarz first to offer 5 GHz signal analysis bandwidth with guaranteed specifications

The R&S FSW85 signal and spectrum analyzer now provides 5 GHz analysis bandwidth, which is required for analyzing wideband signals such as automotive radar FMCW chirp signals, IEEE 802.11ay signals and 5G waveform candidates.

Munich, September 11, 2017 — Rohde & Schwarz is addressing the fast-growing demands for characterizing wideband components and systems by introducing the new R&S FSW-B5000 option. In combination with the R&S RTO2064 digital oscilloscope as an external digitizer, the R&S FSW85 signal and spectrum analyzer equipped with the new hardware option provides equalized 5 GHz signal analysis bandwidth.

The amplitude and phase response of the R&S FSW85 together with the R&S FSW-B5000 are fully characterized at the factory across the entire frequency range. The amplitude and phase measurement accuracy are guaranteed throughout the measurement bandwidth. The R&S FSW-B5000 supports center frequencies between 9.5 GHz and 90 GHz. For frequencies above 85 GHz, the R&S FSW85 needs to be equipped with the R&S FSW-B90G option, which extends the frequency range up to 90 GHz.

The transient and pulse measurement applications for the R&S FSW allow in-depth, wideband analysis of FMCW chirp signals and hopped and pulsed radar signals required for automotive radar applications. The R&S FSW-B5000 option also makes it possible to capture IEEE 802.11ay wideband signals for postprocessing and to perform measurements on waveform candidates for the future 5G standard.

The R&S FSW-B5000 option for the R&S FSW85 high-end signal and spectrum analyzer is now available from Rohde & Schwarz. It will be demonstrated for the first time to the public from September 11 to 13, 2017, at EDI CON in Boston, MA. For more information on the product, visit www.rohde-schwarz.com/ad/press/fsw.

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Rohde & Schwarz

The Rohde & Schwarz electronics group offers innovative solutions in all fields of wireless communications as well as in IT security. Founded more than 80 years ago, the independent company has an extensive sales and service network with subsidiaries and representatives in more than 70 countries. On June 30, 2016, Rohde & Schwarz had approximately 10,000 employees. The group achieved a net revenue of approximately EUR 1.92 billion in the 2015/2016 fiscal year (July to June). The company is headquartered in Munich, Germany, and also has strong regional hubs in Asia and the USA.

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