

R&S SMW200A Generates RF and Envelope Signals in Realtime

WDD Staff



Rohde & Schwarz (Munich, Germany) has enhanced its new R&S SMW200A high-end vector signal generator by adding the R&S SMW K540 option for envelope tracking. This option enables quick and easy testing of envelope tracking power amplifiers for smartphones, base stations and tactical radios. Features include:

- Envelope tracking (ET) technique makes it possible to significantly enhance amplifier efficiency as it allows the amplifier supply voltage to track the envelope of the RF signal.
- Operates in a range close to its instantaneous maximum output power, considerably boosting amplifier efficiency.
- Using shaping functions, amplifier can be optimized for linearity or efficiency.

For more information, visit www.press.rohde-schwarz.com [1].

Source URL (retrieved on 01/25/2015 - 11:17am):

<http://www.wirelessdesignmag.com/product-releases/2013/10/r-s-smw200a-generates-rf-and-envelope-signals-realtime>

Links:

[1] <http://www.press.rohde-schwarz.com>