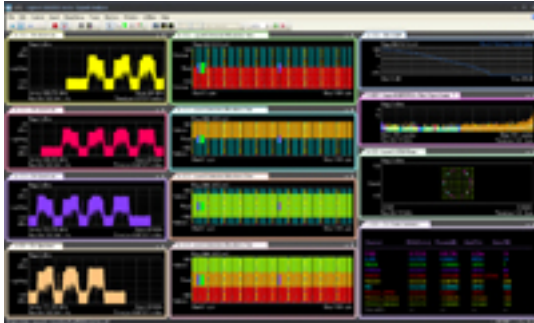


LTE-Advanced Signal Generation, Analysis Solutions Touted as Industry's First



Agilent Technologies Inc. Introduced its dedicated LTE-Advanced signal generation and signal analysis solutions. The company's new Signal Studio and 89600B Vector Signal Analysis software for LTE-Advanced support the generation and analysis of FDD and TDD signals compliant with the 3GPP Release 10 standard. Using these solutions, design engineers can start testing physical layer implementations of LTE-Advanced devices with greater insight and confidence, while gaining deeper insight into the root causes of design problems. Features of the new Signal Studio and 89600B VSA software include: FDD and TDD per 3GPP Release 10 for both uplink and downlink signal configurations; carrier aggregation for both contiguous and non-contiguous component carrier configurations for up to 100 MHz I/Q bandwidth using Agilent's MXG vector signal generators and up to 140 MHz analysis bandwidth with the Agilent PXA signal analyzer; independent setup parameters for each component carrier, including any LTE-Advanced specified bandwidth or modulation type; simultaneous analysis of up to five component carriers and troubleshooting of each component carrier using a rich selection of measurements, including EVM, CCDF and more; and enhanced uplink-clustered SC-FDMA and simultaneous control and data channel (PUCCH and PUSCH) support.

Agilent Technologies

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Links:

[1] <http://www.agilent.com>