

**PRISMA Telecom Testing presents
world's first test setup for 2Gbit/s data transfer over LTE**

PRISMA Telecom Testing, a leading supplier of performance testing solutions, has successfully completed verification of the world's first RF tests for LTE FDD five component carrier aggregation (5CC) in the downlink, including 4x4 MIMO and 256-QAM on each carrier. This combination allows data transfer rates of up to 2 Gbit/s. The test setup will be presented to the public for the first time at the Mobile World Congress 2017 in Barcelona, in conjunction with test and measurement specialist Rohde & Schwarz.

Milan, ITALY - February 27, 2017 - At MWC, PRISMA will showcase UeSIM, its award-winning multiterminal radio interface simulator. In the test setup, Rohde & Schwarz CMW500 generates the five component carriers with 20 MHz bandwidth and 4x4 MIMO each using the 3GPP Rel. 12 256QAM modulation, while PRISMA UeSIM terminates the traffic. The entire solution is able to provide a downlink data rate of close to 2 Gbit/s.

With this successful 5CC 4x4 MIMO verification, PRISMA Telecom Testing and Rohde & Schwarz have achieved another important milestone in the commercial evolution of LTE-Advanced. PRISMA UeSIM and Rohde & Schwarz CMW500, in its R&S CMWflexx configuration, are the first test platforms to offer a combined downlink carrier aggregation solution for up to five 4x4 MIMO carriers and up to 2 Gbit/s throughput.

At the Mobile World Congress, the 5CC 4x4 MIMO test setup will be showcased at the Rohde & Schwarz booth 6C40. PRISMA Telecom Testing will be glad to meet you and introduce you to its range of solutions for RAN testing at booth 6G41.



About UeSIM

PRISMA's awards winning multiterminal and multistandard radio testing solutions accelerate multistandard end-to-end mobile network verification by generating IP traffic load, simulating applications running on thousands of concurrent devices operating real voice and data sessions. UeSIM is a complete solution for all LTE/LTE-Advanced/LTE-Advanced Pro testing needs and allows multiterminal testing over the whole LTE spectrum. The available features support Carrier Aggregation (up to 5 carriers) over any FDD/TDD 3GPP band, Logical Cells configuration, eMBMS, VoLTE, ViLTE, 2x2/4x4 MIMO (with CA), IoT and more. Both RF and optical CPRI interfaces are supported. All configurations are fully scalable to test any eNodeB configuration, regardless of size.

About PRISMA Telecom Testing

PRISMA Telecom Testing is a leading provider of innovative and flexible test solutions for mobile networks verification. The largest wireless Network Equipment Manufacturers and Service Providers worldwide rely on PRISMA for complete RAN testing. Active since 1986 in the wireless world, PRISMA Telecom Testing (formerly PRISMA Engineering) is headquartered in Milan, Italy, with offices and partners across Europe, Asia and the Americas.

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