

PRISMA Telecom Testing presents world's first test setup for LTE-A Pro, 8CA DL 2x2 / 4CA UL

PRISMA Telecom Testing, a leading supplier of performance testing solutions, has successfully completed verification of LTE-A Pro eight component carrier (8CC) aggregation in the downlink, including 2x2 MIMO and 256 QAM on each carrier, combined with four component carrier (4CC) aggregation in the uplink. The test setup is being presented to the public for the first time at the Mobile World Congress 2018 in Barcelona, in conjunction with test and measurement specialist Rohde & Schwarz.

Barcelona, SPAIN - February 27, 2018 - At MWC, PRISMA showcases UeSIM, its award-winning multiterminal radio interface simulator. In the test setup, Rohde & Schwarz CMW500 generates the eight component carriers with 20 MHz bandwidth and 2x2 MIMO each using the 3GPP Rel.12 256 QAM modulation. A PRISMA UeSIM multiterminal simulator over the radio interface terminates the traffic.

With this successful LTE-A Pro verification of the 3GPP Rel. 13 enhanced Carrier Aggregation (eCA) feature, PRISMA Telecom Testing and Rohde & Schwarz have achieved another important milestone in the commercial evolution of Gigabit LTE. Rohde & Schwarz CMW500, in its R&S CMWflexx2 configuration, and PRISMA UeSIM are the first test platforms to offer a combined downlink carrier aggregation solution for up to eight 2x2 MIMO carriers.

At MWC 2018, the R&S CMWflexx2 8CA DL 2x2 / 4CA UL test setup is on display 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.

For more information about Rohde & Schwarz and PRISMA Telecom Testing at Mobile World Congress 2018, visit www.rohde-schwarz.com/mwc and www.primatelecomtesting.com/.



About UeSIM for Gigabit LTE

PRISMA's award-winning multiterminal radio testing solutions accelerate multistandard (2G/3G/4G/5G) 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 covering 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 8 carriers) over any FDD/TDD 3GPP band, Logical Cells configuration, eMBMS, VoLTE, ViLTE, 2x2/4x4 MIMO (with CA), MU-MIMO and Massive MIMO, 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. A privately owned company active since 1986 in the wireless world, PRISMA Telecom Testing is headquartered in Milan, Italy, with its own offices in the USA, France, China, Sweden and Finland and partners across Europe, Asia and the Americas.

At MWC 2018 meet PRISMA Telecom Testing at booth 6G41.

For more information: <http://www.primatelecomtesting.com>

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