

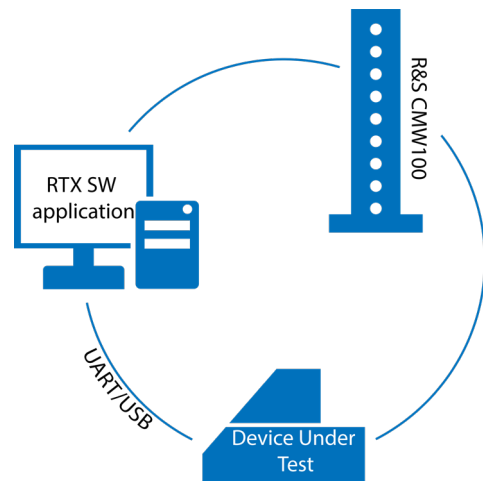
RTX2018
MLM DECT RF TESTER
DATA SHEET

The RTX2018 MLM (Multi-Level Modulation) DECT RF tester performs all key RF measurements on multi-level modulation products using for example the Dialog 14495 MLM DECT chip. The RTX2018 also supports legacy DECT (GFSK).

RTX2018 MLM DECT RF TESTER

SYSTEM COMPONENTS

The RTX2018 system consists of an RTX software application and a Rohde & Schwarz CMW100 (hardware). The system allows users to communicate with the DUT (Device Under Test) through UART or USB while performing all the key RF measurements. Measurements are performed as non-signaling with DUT control through the RTX PROD TEST interface.



RTX2018 system component overview

FEATURES AND BENEFITS

- Comprehensive non-signaling application - well-suited for both R&D and manufacturing
- Short execution time for measurements as well as minimum connection time
- Can be used as standalone unit or integrated into customers' ATE systems through the RTX interface modules (.dll's)
- Coexists with RTX2012 for continued support of legacy DECT RF test in signaling mode

WHY R&S CMW100?

- Proven and reliable RF measurement platform
- Global service and support through the R&S and RTX networks
- Supports a range of technologies by combining the RTX solution with CMW100 options from R&S
- RTX has been cooperating closely with R&S since 2010



MEASUREMENT CAPABILITIES

MEASUREMENT TYPE	DESCRIPTION
FREQUENCY BANDS	DECT EU, DECT US, DECT Japan & KDECT
SLOT TYPES	P32, PP32, P64, PP64
MODULATION TYPES	GFSK, $\pi/2$ -DBPSK, $\pi/4$ -DQPSK, $\pi/8$ -D8PSK
TRANSMITTER	NTP, Power Template, EVM, Frequency offset, Deviation
RECEIVER	Sensitivity, BER, PER
RF SWITCH	Embedded 8 port RF switch

ORDERING DETAILS

RTX NO.	DESCRIPTION
95101349	Complete package with CMW100 and RTX2018 SW application
95200908	RTX2018 SW application only
95201046	RTX2018 5 year warranty including 4 scheduled calibrations
95201047	5 year warranty RTX2018 SW application only