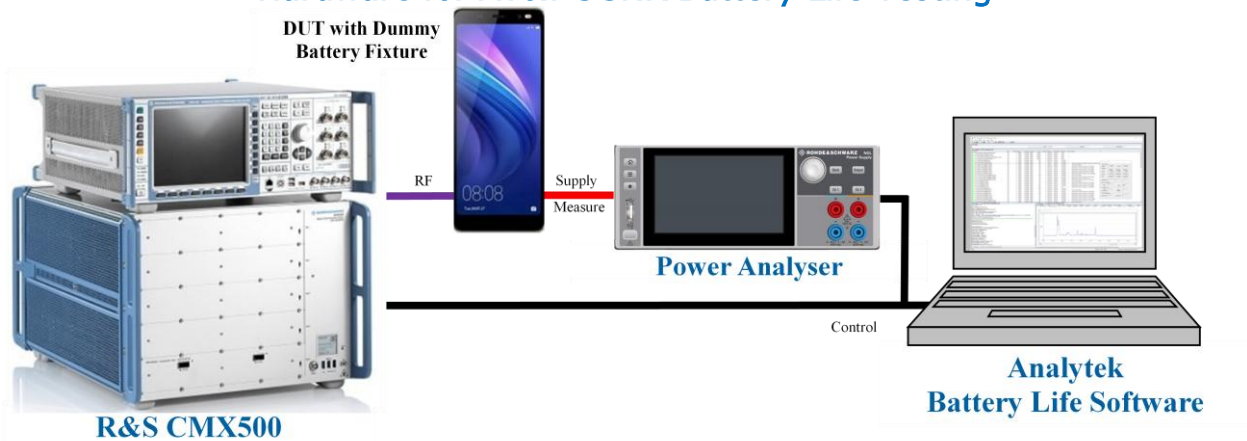


## AT&T 5G Battery Performance Test Software

Battery Performance is considered a critical element of AT&T's minimum performance requirement testing.

Analytek provides a solution covering all Radio Access Technologies specified for testing in accordance with the AT&T Lab and Field Test Requirements for Terminal Unit Acceptance specification.

### Hardware for AT&T 5G NR Battery Life Testing



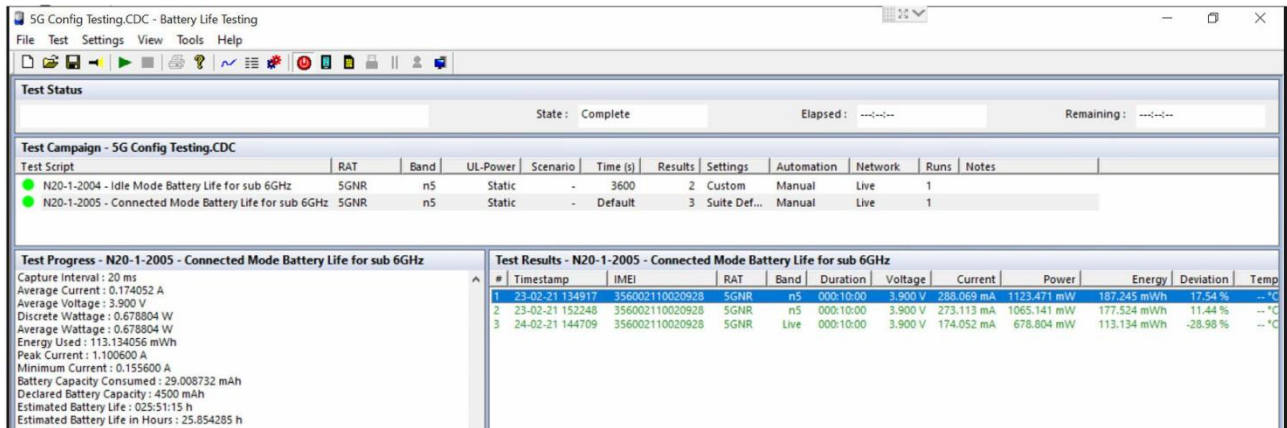
### Analytek Software Features

- o Support for AT&T specified 5G tests using R&S<sup>®</sup>CMX500 Radio Communication Tester
- o Also supports AT&T specified LTE and WCDMA tests using R&S<sup>®</sup>CMW500 Radio Communication Tester.
- o Easy to use Windows application
- o Scripted scenarios allowing customisation
- o Result output in CSV spreadsheet and HTML report formats
- o Verdict Generation based on AT&T requirements
- o Validated 5G tests N20-1-2004 Idle Mode Battery Life for sub 6GHz and N20-1-2005 Connected Mode Battery Life for sub 6GHz
- o Supporting new Battery Life test development
- o Supplier of Validated CTIA Test Platform required as specified in [LTE-BTR-1-2513](#)
- o Additional support for GCF and GSMA Standards.
- o Runtime graphic and result presentation
- o Archive and export features for offline analysis

### Additional Supported Standards

- o CTIA Battery Life Testing
- o GCF Performance Indicator Battery Life Measurement
- o GSMA TS.09 Battery Life Measurement Technique
- o CDMA CCF 89 Standby and Talktime

Current Drain Measurement Software



Equipment Requirements

- R&S@CMX500 Radio Communication Tester
  - o Radio Communication Tester CMX500
  - o CMX500 Basic Assembly CMX-PB70B
  - o Accelerator Unit (2x) CMX-B200A
  - o Processing Unit CMX-B300A
  - o 10 GBPS Ethernet Switch CMWC-Z70A
  - o Application test Featureset 1 CMX-KA100
  - o NR Signaling, NSA Mode Enabler Basic Level CMX-KS600B
  - o NR Signaling, NSA Mode Enabler Medium Level CMX-KS600M
  - o NR Signaling, SA Mode Enabler Basic Level CMX-KS601B
  - o NR Signaling, SA Mode Enabler Medium Level CMX-KS601M

- o Power Analyser as specified in AT&T 10776 specification
- o PC or Laptop
  - o Windows Win7 or Win10
  - o National Instruments GPIB card and/or R&S/NI VISA

\*Requires a 5G Ready R&S@CMW500 Radio Communication Tester

Ordering Information

Part Number	Name	Description
ANA-TS-AT&T-5G	AT&T 5G Test Suite	AT&T 5G Test Suite