

Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-12047-01-06 according to DIN EN ISO/IEC 17025:2018

Valid from: 08.06.2021

Date of issue: 08.06.2021

Holder of certificate:

**CETECOM GmbH
Im Teelbruch 116, 45219 Essen**

Tests in the fields:

Electromagnetic Compatibility (EMC) and Telecommunication (TC) for 5G - User Equipment

The testing laboratory is permitted, without being required to inform and obtain prior approval from DAkKS, to use standards or equivalent testing methods listed here with different issue dates.

The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.

Section	Standard / in house procedure / Version	Title of standard or in house procedure	Test area / reductions / test site
Connectivity – User Equipment (UE) - 5G			
TC	3GPP TS 38.508-1 V16.6.0 (2020-12) ETSI TS 138 508-1 V16.6.0 (2021-02)	5GS; User Equipment (UE) conformance specification; Part 1: Common test environment Test Method according to: GCF-CC, PTCRB NAPRD03. PTCRB PPMD	

The management system requirements of DIN EN ISO/IEC 17025 are written in the language relevant to the operations of testing laboratories. Laboratories that conform to the requirements of this standard, operate generally in accordance with the principles of DIN EN ISO 9001.

*The certificate together with the annex reflects the status as indicated by the date of issue.
The current status of any given scope of accreditation may be found respectively in the database of accredited bodies of Deutsche Akkreditierungsstelle GmbH <https://www.dakks.de/en/content/accredited-bodies-dakks>.*

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Section	Standard / in house procedure / Version	Title of standard or in house procedure	Test area / reductions / test site
TC	3GPP TS 38.508-2 V16.6.0 (2020-12) ETSI TS 138 508-2 V16.6.0 (2021-01)	5GS; User Equipment (UE) conformance specification; Part 2: Common Implementation Conformance Statement (ICS) proforma Test Method according to: GCF-CC, PTCRB NAPRD03, PTCRB PPMD	
TC	3GPP TS 38.509 V15.9.0 (2020-09) ETSI TS 138 509 V15.9.0 (2020-11)	5GS; Special conformance testing functions for User Equipment (UE) Test Method according to: GCF-CC, PTCRB NAPRD03, PTCRB PPMD	
TC	3GPP TS 38.521-1 V16.6.0 (2020-12) ETSI TS 138 521-1 V16.6.0 (2021-02)	NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 Standalone Test Method according to: GCF-CC, PTCRB NAPRD03, PTCRB PPMD	
TC	3GPP TS 38.521-2 V16.6.0 (2020-12) ETSI TS 138 521-2 V16.6.0 (2021-02)	NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 2: Range 2 Standalone Test Method according to: GCF-CC, PTCRB NAPRD03, PTCRB PPMD	
TC	3GPP TS 38.521-3 V16.6.0 (2020-12) ETSI TS 138 521-3 V16.6.0 (2021-01)	NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 3: Range 1 and Range 2 Interworking operation with other radios Test Method according to: GCF-CC, PTCRB NAPRD03, PTCRB PPMD	
TC	3GPP TS 38.521-4 V16.6.0 (2020-12) ETSI TS 138 521-4 V16.6.0 (2021-01)	NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 4: Performance requirements Test Method according to: GCF-CC, PTCRB NAPRD03, PTCRB PPMD	
TC	3GPP TS 38.522 V16.6.0 (2020-12) ETSI TS 138 522 V16.6.0 (2021-01)	NR; User Equipment (UE) conformance specification; Applicability of radio transmission, radio reception and radio resource management test cases Test Method according to: GCF-CC, PTCRB NAPRD03, PTCRB PPMD	

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TC	3GPP TS 38.523-1 V16.6.0 (2020-12) ETSI TS 138 523-1 V16.6.0 (2021-02)	5GS; User Equipment (UE) conformance specification; Part 1: Protocol Test Method according to: GCF-CC, PTCRB NAPRD03, PTCRB PPMD	
TC	3GPP TS 38.523-2 V16.6.0 (2020-12) ETSI TS 138 523-2 V16.6.0 (2021-01)	5GS; User Equipment (UE) conformance specification; Part 2: Applicability of protocol test cases Test Method according to: GCF-CC, PTCRB NAPRD03, PTCRB PPMD	
TC	3GPP TS 38.523-3 V16.0.0 (2020-12) ETSI TS 138 523-3 V16.0.0 (2021-01)	5GS; User Equipment (UE) conformance specification; Part 3: Protocol Test Suites Test Method according to: GCF-CC, PTCRB NAPRD03, PTCRB PPMD	
TC	3GPP TS 38.533 V16.6.0 (2020-12) ETSI TS 138 533 V16.6.0 (2021-02)	NR; User Equipment (UE) conformance specification; Radio Resource Management (RRM) Test Method according to: GCF-CC, PTCRB NAPRD03, PTCRB PPMD	
EMC – User Equipment (UE) - 5G			
EMC	3GPP TS 38.124 V16.1.0 (2020-09)	3rd Generation Partnership Project; Technical Specification Group Radio Access Network; NR; Electromagnetic Compatibility (EMC) requirements for mobile terminals and ancillary equipment	