

Nr.	Standard reference	Title
1	ETSI EN 319 421 V1.2.1 (2023-05)	Electronic Signatures and Infrastructures (ESI); Policy and Security Requirements for Trust Service Providers issuing Time-Stamps
2	ETSI ES 201 873-11 V4.10.1 (2023-05)	Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 11: Using JSON with TTCN-3
3	ETSI GS ENI 001 V3.2.1 (2023-05)	Experiential Networked Intelligence (ENI); ENI Use Cases
4	ETSI GR ENI 009 V1.2.1 (2023-05)	Experiential Networked Intelligence (ENI); Definition of data processing mechanisms
5	ETSI GS F5G 014 V1.1.1 (2023-05)	Fifth Generation Fixed Network (F5G); F5G Network Architecture Release 2
6	ETSI TR 119 000 V1.3.1 (2023-05)	Electronic Signatures and Infrastructures (ESI); The framework for standardization of digital signatures and trust services; Overview
7	ETSI TS 128 541 V17.10.0 (2023-05)	5G; Management and orchestration; 5G Network Resource Model (NRM); Stage 2 and stage 3 (3GPP TS 28.541 version 17.10.0 Release 17)
8	ETSI TS 137 571-1 V16.16.0 (2023-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; User Equipment (UE) conformance specification for UE positioning; Part 1: Conformance test specification (3GPP TS 37.571-1 version 16.16.0 Release 16)
9	ETSI TS 137 571-1 V17.0.0 (2023-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; User Equipment (UE) conformance specification for UE positioning; Part 1: Conformance test specification (3GPP TS 37.571-1 version 17.0.0 Release 17)
10	ETSI TS 138 101-4 V17.8.0 (2023-05)	5G; NR; User Equipment (UE) radio transmission and reception; Part 4: Performance requirements (3GPP TS 38.101-4 version 17.8.0 Release 17)
11	ETSI TS 138 104 V17.9.0 (2023-05)	5G; NR; Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 17.9.0 Release 17)
12	ETSI TS 138 104 V16.15.0 (2023-05)	5G; NR; Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 16.15.0 Release 16)
13	ETSI TS 138 106 V17.4.0 (2023-05)	5G; NR repeater radio transmission and reception (3GPP TS 38.106 version 17.4.0 Release 17)
14	ETSI TS 138 108 V17.3.0 (2023-05)	5G; NR; Satellite Access Node radio transmission and reception (3GPP TS 38.108 version 17.3.0 Release 17)
15	ETSI TS 138 113 V15.18.0 (2023-05)	5G; NR; Base Station (BS) ElectroMagnetic Compatibility (EMC) (3GPP TS 38.113 version 15.18.0 Release 15)
16	ETSI TS 138 113 V16.8.0 (2023-05)	5G; NR; Base Station (BS) ElectroMagnetic Compatibility (EMC) (3GPP TS 38.113 version 16.8.0 Release 16)
17	ETSI TS 138 113 V17.3.0 (2023-05)	5G; NR; Base Station (BS) ElectroMagnetic Compatibility (EMC) (3GPP TS 38.113 version 17.3.0 Release 17)
18	ETSI TS 138 307 V16.13.0 (2023-05)	5G; NR; Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 38.307 version 16.13.0 Release 16)
19	ETSI TS 138 307 V17.9.0 (2023-05)	5G; NR; Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 38.307 version 17.9.0 Release 17)

20	ETSI TS 138 307 V15.11.0 (2023-05)	5G; NR; Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 38.307 version 15.11.0 Release 15)
21	ETSI TS 138 331 V17.4.0 (2023-05)	5G; NR; Radio Resource Control (RRC); Protocol specification (3GPP TS 38.331 version 17.4.0 Release 17)
22	ETSI TS 138 401 V17.4.0 (2023-05)	5G; NG-RAN; Architecture description (3GPP TS 38.401 version 17.4.0 Release 17)
23	ETSI TS 138 413 V16.12.0 (2023-05)	5G; NG-RAN; NG Application Protocol (NGAP) (3GPP TS 38.413 version 16.12.0 Release 16)
24	ETSI TS 138 413 V17.4.0 (2023-05)	5G; NG-RAN; NG Application Protocol (NGAP) (3GPP TS 38.413 version 17.4.0 Release 17)
25	ETSI TS 138 423 V15.17.0 (2023-05)	5G; NG-RAN; Xn Application Protocol (XnAP) (3GPP TS 38.423 version 15.17.0 Release 15)
26	ETSI TS 138 423 V16.13.0 (2023-05)	5G; NG-RAN; Xn Application Protocol (XnAP) (3GPP TS 38.423 version 16.13.0 Release 16)
27	ETSI TS 138 423 V17.4.0 (2023-05)	5G; NG-RAN; Xn Application Protocol (XnAP) (3GPP TS 38.423 version 17.4.0 Release 17)
28	ETSI TS 138 425 V17.3.0 (2023-05)	5G; NG-RAN; NR user plane protocol (3GPP TS 38.425 version 17.3.0 Release 17)
29	ETSI ES 202 396-1 V1.9.1 (2023-05)	Speech and multimedia Transmission Quality (STQ); Speech quality performance in the presence of background noise; Part 1: Background noise simulation technique and background noise database
30	ETSI GS NFV-SOL 001 V4.4.1 (2023-05)	Network Functions Virtualisation (NFV) Release 4; Protocols and Data Models; NFV descriptors based on TOSCA specification
31	ETSI TS 102 230-2 V13.3.0 (2023-05)	Smart Cards; UICC-Terminal interface; Physical, electrical and logical test specification; Part 2: UICC features (Release 13)
32	ETSI TS 102 916-1 V1.2.1 (2023-05)	Intelligent Transport Systems (ITS); Test specifications for the mitigation techniques to avoid interference between Cooperative ITS-G5 and TTT DSRC; Part 1: Protocol Implementation Conformance Statement (PICS)
33	ETSI TS 102 916-2 V1.2.1 (2023-05)	Intelligent Transport Systems (ITS); Test specifications for the mitigation techniques to avoid interference between Cooperative ITS-G5 and TTT DSRC; Part 2: Test Suite Structure and Test Purposes (TSS & TP)
34	ETSI TR 103 949 V1.1.1 (2023-05)	Quantum-Safe Cryptography (QSC) Migration; ITS and C-ITS migration study
35	ETSI TS 131 124 V16.11.1 (2023-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Mobile Equipment (ME) conformance test specification; Universal Subscriber Identity Module Application Toolkit (USAT) conformance test specification (3GPP TS 31.124 version 16.11.1 Release 16)
36	ETSI TS 134 123-3 V17.1.0 (2023-05)	Universal Mobile Telecommunications System (UMTS); User Equipment (UE) conformance specification; Part 3: Abstract test suite (ATS) (3GPP TS 34.123-3 version 17.1.0 Release 17)

37	ETSI TS 136 101 V12.31.0 (2023-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 12.31.0 Release 12)
38	ETSI TS 136 101 V15.21.0 (2023-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 15.21.0 Release 15)
39	ETSI TS 136 101 V16.16.0 (2023-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 16.16.0 Release 16)
40	ETSI TS 136 101 V17.9.0 (2023-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 17.9.0 Release 17)
41	ETSI TS 136 133 V15.19.0 (2023-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 15.19.0 Release 15)
42	ETSI TS 136 133 V16.16.0 (2023-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 16.16.0 Release 16)
43	ETSI TS 136 133 V17.9.0 (2023-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 17.9.0 Release 17)
44	ETSI TS 136 508 V17.5.0 (2023-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); Common test environments for User Equipment (UE) conformance testing (3GPP TS 36.508 version 17.5.0 Release 17)
45	ETSI TR 136 903 V17.0.0 (2023-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Derivation of test tolerances for Radio Resource Management (RRM) conformance tests (3GPP TR 36.903 version 17.0.0 Release 17)
46	ETSI TR 136 904 V14.0.0 (2023-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Derivation of test tolerances for User Equipment (UE) radio reception conformance tests (3GPP TR 36.904 version 14.0.0 Release 14)
47	ETSI TR 136 904 V15.0.0 (2023-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Derivation of test tolerances for User Equipment (UE) radio reception conformance tests (3GPP TR 36.904 version 15.0.0 Release 15)
48	ETSI TR 136 904 V16.0.0 (2023-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Derivation of test tolerances for User Equipment (UE) radio reception conformance tests (3GPP TR 36.904 version 16.0.0 Release 16)
49	ETSI TR 136 904 V17.0.0 (2023-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Derivation of test tolerances for User Equipment (UE) radio reception conformance tests (3GPP TR 36.904 version 17.0.0 Release 17)

50	ETSI TR 136 905 V17.0.0 (2023-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Derivation of test points for radio transmission and reception conformance test cases (3GPP TR 36.905 version 17.0.0 Release 17)
51	ETSI TS 137 571-5 V17.0.0 (2023-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; User Equipment (UE) conformance specification for UE positioning; Part 5: Test scenarios and assistance data (3GPP TS 37.571-5 version 17.0.0 Release 17)
52	ETSI TS 138 115-1 V17.1.0 (2023-05)	5G; NR; Repeater conformance testing - Part 1: Conducted conformance testing (3GPP TS 38.115-1 version 17.1.0 Release 17)
53	ETSI TS 138 115-2 V17.1.0 (2023-05)	5G; NR; Repeater conformance testing - Part 2: Radiated conformance testing (3GPP TS 38.115-2 version 17.1.0 Release 17)
54	ETSI TS 138 141-1 V16.15.0 (2023-05)	5G; NR; Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 16.15.0 Release 16)
55	ETSI TS 138 141-1 V17.9.0 (2023-05)	5G; NR; Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 17.9.0 Release 17)
56	ETSI TS 138 141-2 V15.17.0 (2023-05)	5G; NR; Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 15.17.0 Release 15)
57	ETSI TS 138 141-2 V16.15.0 (2023-05)	5G; NR; Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 16.15.0 Release 16)
58	ETSI TS 138 141-2 V17.9.0 (2023-05)	5G; NR; Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 17.9.0 Release 17)
59	ETSI TS 138 176-1 V17.4.0 (2023-05)	5G; NR; Integrated Access and Backhaul (IAB) conformance testing; Part 1: Conducted conformance testing (3GPP TS 38.176-1 version 17.4.0 Release 17)
60	ETSI TS 138 176-1 V16.5.0 (2023-05)	5G; NR; Integrated Access and Backhaul (IAB) conformance testing; Part 1: Conducted conformance testing (3GPP TS 38.176-1 version 16.5.0 Release 16)
61	ETSI TS 138 176-2 V16.5.0 (2023-05)	5G; NR; Integrated Access and Backhaul (IAB) conformance testing; Part 2: Radiated conformance testing (3GPP TS 38.176-2 version 16.5.0 Release 16)
62	ETSI TS 138 176-2 V17.4.0 (2023-05)	5G; NR; Integrated Access and Backhaul (IAB) conformance testing; Part 2: Radiated conformance testing (3GPP TS 38.176-2 version 17.4.0 Release 17)
63	ETSI TS 138 181 V17.0.0 (2023-05)	5G; NR; Satellite Access Node conformance testing (3GPP TS 38.181 version 17.0.0 Release 17)
64	ETSI TS 138 455 V17.4.0 (2023-05)	5G; NG-RAN; NR Positioning Protocol A (NRPPa) (3GPP TS 38.455 version 17.4.0 Release 17)
65	ETSI TS 138 455 V16.11.0 (2023-05)	5G; NG-RAN; NR Positioning Protocol A (NRPPa) (3GPP TS 38.455 version 16.11.0 Release 16)
66	ETSI TS 138 463 V16.13.0 (2023-05)	5G; NG-RAN; E1 Application Protocol (E1AP) (3GPP TS 38.463 version 16.13.0 Release 16)

67	ETSI TS 138 470 V16.9.0 (2023-05)	5G; NG-RAN; F1 general aspects and principles (3GPP TS 38.470 version 16.9.0 Release 16)
68	ETSI TS 138 470 V17.4.0 (2023-05)	5G; NG-RAN; F1 general aspects and principles (3GPP TS 38.470 version 17.4.0 Release 17)
69	ETSI TS 138 473 V16.13.0 (2023-05)	5G; NG-RAN; F1 Application Protocol (F1AP) (3GPP TS 38.473 version 16.13.0 Release 16)
70	ETSI TS 138 473 V17.4.1 (2023-05)	5G; NG-RAN; F1 Application Protocol (F1AP) (3GPP TS 38.473 version 17.4.1 Release 17)
71	ETSI TS 138 508-2 V17.8.1 (2023-05)	LTE; 5G; 5GS; User Equipment (UE) conformance specification; Part 2: Common Implementation Conformance Statement (ICS) proforma (3GPP TS 38.508-2 version 17.8.1 Release 17)
72	ETSI TS 138 509 V16.6.0 (2023-05)	LTE; 5G; 5GS; Special conformance testing functions for User Equipment (UE) (3GPP TS 38.509 version 16.6.0 Release 16)
73	ETSI TS 138 509 V17.3.0 (2023-05)	LTE; 5G; 5GS; Special conformance testing functions for User Equipment (UE) (3GPP TS 38.509 version 17.3.0 Release 17)
74	ETSI TS 138 521-3 V17.8.0 (2023-05)	5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.521-3 version 17.8.0 Release 17)
75	ETSI TS 138 522 V17.8.0 (2023-05)	5G; NR; User Equipment (UE) conformance specification; Applicability of radio transmission, radio reception and radio resource management test cases (3GPP TS 38.522 version 17.8.0 Release 17)
76	ETSI TS 138 523-2 V17.2.1 (2023-05)	LTE; 5G; 5GS; User Equipment (UE) conformance specification; Part 2: Applicability of protocol test cases (3GPP TS 38.523-2 version 17.2.1 Release 17)
77	ETSI TS 138 523-3 V17.6.0 (2023-05)	LTE; 5G; 5GS; User Equipment (UE) conformance specification; Part 3: Protocol Test Suites (3GPP TS 38.523-3 version 17.6.0 Release 17)
78	ETSI TR 138 903 V17.1.0 (2023-05)	5G; NR; Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 17.1.0 Release 17)
79	ETSI TR 138 905 V17.8.0 (2023-05)	5G; NR; Derivation of test points for radio transmission and reception User Equipment (UE) conformance test cases (3GPP TR 38.905 version 17.8.0 Release 17)
80	ETSI TS 151 010-2 V13.14.0 (2023-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification (3GPP TS 51.010-2 version 13.14.0 Release 13)
81	ETSI GR PDL 019 V1.1.1 (2023-05)	PDL Services for Decentralized Identity and Trust Management
82	ETSI TS 103 789 V1.1.1 (2023-05)	Short Range Devices (SRD) and Ultra Wide Band (UWB); Radar related parameters and physical test setup for object detection, identification and RCS measurement

83	ETSI TS 136 523-1 V17.5.0 (2023-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 1: Protocol conformance specification (3GPP TS 36.523-1 version 17.5.0 Release 17)
84	ETSI TS 136 523-3 V17.6.0 (2023-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 3: Test suites (3GPP TS 36.523-3 version 17.6.0 Release 17)
85	ETSI TS 138 101-1 V15.21.0 (2023-05)	5G; NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 15.21.0 Release 15)
86	ETSI TS 138 101-1 V16.15.0 (2023-05)	5G; NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 16.15.0 Release 16)
87	ETSI TS 138 101-1 V17.9.0 (2023-05)	5G; NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 17.9.0 Release 17)
88	ETSI TS 138 101-3 V17.9.0 (2023-05)	5G; NR; User Equipment (UE) radio transmission and reception; Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.101-3 version 17.9.0 Release 17)
89	ETSI TS 138 101-3 V15.21.0 (2023-05)	5G; NR; User Equipment (UE) radio transmission and reception; Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.101-3 version 15.21.0 Release 15)
90	ETSI TS 138 101-3 V16.15.0 (2023-05)	5G; NR; User Equipment (UE) radio transmission and reception; Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.101-3 version 16.15.0 Release 16)
91	ETSI GR NFV-IFA 046 V5.1.1 (2023-05)	Network Functions Virtualisation (NFV) Release 5; Architectural Framework; Report on NFV support for virtualisation of RAN
92	ETSI TS 102 950-1 V1.11.1 (2023-05)	Methods for Testing and Specification (MTS); TTCN-3 Conformance Test Suite; Part 1: Implementation Conformance Statement (ICS)
93	ETSI TS 102 950-2 V1.11.1 (2023-05)	Methods for Testing and Specification (MTS); TTCN-3 Conformance Test Suite; Part 2: Test Suite Structure and Test Purposes (TSS&TP)
94	ETSI TS 102 950-3 V1.11.1 (2023-05)	Methods for Testing and Specification (MTS); TTCN-3 Conformance Test Suite; Part 3: Abstract Test Suite (ATS) and Implementation eXtra Information for Testing (IXIT)
95	ETSI TR 103 721 V1.1.1 (2023-05)	Feasibility assessment of applying mitigation techniques to WAS/RLAN to enable coexistence in the 5 725 MHz to 5 850 MHz band
96	ETSI TS 119 512 V1.2.1 (2023-05)	Electronic Signatures and Infrastructures (ESI); Protocols for trust service providers providing long-term data preservation services
97	ETSI TS 102 221 V18.0.0 (2023-05)	Smart Cards; UICC-Terminal interface; Physical and logical characteristics (Release 18)

98	ETSI TS 102 361-1 V2.6.1 (2023-05)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Digital Mobile Radio (DMR) Systems; Part 1: DMR Air Interface (AI) protocol
99	ETSI TS 102 361-2 V2.5.1 (2023-05)	Electromagnetic compatibility and Radio spectrum Matters (ERM); Digital Mobile Radio (DMR) Systems; Part 2: DMR voice and generic services and facilities
100	ETSI TS 103 929 V1.2.1 (2023-05)	Cyber Security (CYBER); Mapping of specific requirements of standardisation request for RED articles 3(3)(d), 3(3)(e) and 3(3)(f) to IEC 62443-4-2 requirements and to ETSI EN 303 645 provisions