

Nr.	Standard reference	Title
1	ETSI TS 129 510 V16.9.0 (2021-09)	5G System; Network function repository services; Stage 3 (3GPP TS 29.510 version 16.9.0 Release 16)
2	ETSI EN 302 326-2 V2.1.1 (2021-09)	Fixed Radio Systems; Multipoint Equipment and Antennas; Part 2: Harmonised Standard for access to radio spectrum
3	ETSI EN 302 326-3 V2.1.1 (2021-09)	Fixed Radio Systems; Multipoint Equipment and Antennas; Part 3: Multipoint Antennas
4	ETSI GR PDL 009 V1.1.1 (2021-09)	Permissioned Distributed Ledger (PDL); Federated Data Management
5	ETSI TS 118 113 V3.3.1 (2021-09)	oneM2M; Interoperability Testing (oneM2M TS-0013 version 3.3.1 Release 3)
6	ETSI GS CDM 004 V1.0.0 (2021-09)	Common information sharing environment service and Data Model (CDM); Service Model
7	ETSI GS CDM 005 V1.5.3 (2021-09)	Common information sharing environment service and Data Model (CDM); Data Model
8	ETSI GR PDL 008 V1.1.1 (2021-09)	Permissioned Distributed Ledger (PDL); Research and Innovation Landscape
9	ETSI TS 102 221 V16.5.0 (2021-09)	Smart Cards; UICC-Terminal interface; Physical and logical characteristics (Release 16)
10	ETSI TS 102 232-7 V3.10.1 (2021-09)	Lawful Interception (LI); Handover Interface and Service-Specific Details (SSD) for IP delivery; Part 7: Service-specific details for Mobile Services
11	ETSI TR 103 667 V1.1.1 (2021-09)	Intelligent Transport Systems (ITS); Study on Spectrum Sharing between ITS-G5 and LTE-V2X technologies in the 5 855 MHz-5 925 MHz band
12	ETSI TS 136 104 V15.12.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 15.12.0 Release 15)
13	ETSI TS 136 104 V16.10.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 16.10.0 Release 16)
14	ETSI TS 136 141 V15.13.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 15.13.0 Release 15)
15	ETSI TS 136 141 V16.10.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 16.10.0 Release 16)
16	ETSI TS 136 171 V16.2.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for Support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 36.171 version 16.2.0 Release 16)
17	ETSI TS 136 300 V16.6.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Overall description; Stage 2 (3GPP TS 36.300 version 16.6.0 Release 16)
18	ETSI TS 136 304 V16.4.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 16.4.0 Release 16)
19	ETSI TS 136 305 V16.3.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Stage 2 functional specification of User Equipment (UE) positioning in E-UTRAN (3GPP TS 36.305 version 16.3.0 Release 16)
20	ETSI TS 136 306 V16.5.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 16.5.0 Release 16)
21	ETSI TS 136 321 V16.5.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 16.5.0 Release 16)
22	ETSI TS 136 331 V15.14.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification (3GPP TS 36.331 version 15.14.0 Release 15)
23	ETSI TS 136 331 V16.5.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification (3GPP TS 36.331 version 16.5.0 Release 16)
24	ETSI TS 136 579-1 V15.2.0 (2021-09)	LTE; Mission Critical (MC) services over LTE; Part 1: Common test environment (3GPP TS 36.579-1 version 15.2.0 Release 15)
25	ETSI TS 136 579-2 V14.11.0 (2021-09)	LTE; Mission Critical (MC) services over LTE; Part 2: Mission Critical Push To Talk (MCPTT) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-2 version 14.11.0 Release 14)
26	ETSI TS 136 579-2 V15.0.0 (2021-09)	LTE; Mission Critical (MC) services over LTE; Part 2: Mission Critical Push To Talk (MCPTT) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-2 version 15.0.0 Release 15)
27	ETSI TS 136 579-4 V14.6.0 (2021-09)	LTE; Mission Critical (MC) services over LTE; Part 4: Test Applicability and Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.579-4 version 14.6.0 Release 14)
28	ETSI TS 136 579-4 V15.0.0 (2021-09)	LTE; Mission Critical (MC) services over LTE; Part 4: Test Applicability and Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.579-4 version 15.0.0 Release 15)
29	ETSI TS 136 579-5 V14.3.0 (2021-09)	LTE; Mission Critical (MC) services over LTE; Part 5: Abstract test suite (ATS) (3GPP TS 36.579-5 version 14.3.0 Release 14)

30	ETSI TS 136 579-6 V14.2.0 (2021-09)	LTE; Mission Critical (MC) services over LTE; Part 6: Mission Critical Video (MCVideo) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-6 version 14.2.0 Release 14)
31	ETSI TS 136 579-6 V15.0.0 (2021-09)	LTE; Mission Critical (MC) services over LTE; Part 6: Mission Critical Video (MCVideo) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-6 version 15.0.0 Release 15)
32	ETSI TS 136 579-7 V15.0.0 (2021-09)	LTE; Mission Critical (MC) services over LTE; Part 7: Mission Critical Data (MCDATA) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-7 version 15.0.0 Release 15)
33	ETSI TS 137 104 V15.14.0 (2021-09)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 15.14.0 Release 15)
34	ETSI TS 137 104 V16.10.0 (2021-09)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 16.10.0 Release 16)
35	ETSI TS 137 145-2 V15.11.0 (2021-09)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Active Antenna System (AAS) Base Station (BS) conformance testing; Part 2: radiated conformance testing (3GPP TS 37.145-2 version 15.11.0 Release 15)
36	ETSI TS 137 145-2 V16.8.0 (2021-09)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Active Antenna System (AAS) Base Station (BS) conformance testing; Part 2: radiated conformance testing (3GPP TS 37.145-2 version 16.8.0 Release 16)
37	ETSI TS 137 320 V16.5.0 (2021-09)	Universal Mobile Telecommunications System (UMTS); LTE; Universal Terrestrial Radio Access (UTRA) and Evolved Universal Terrestrial Radio Access (E-UTRA); Radio measurement collection for Minimization of Drive Tests (MDT); Overall description; Stage 2 (3GPP TS 37.320 version 16.5.0 Release 16)
38	ETSI TS 137 324 V16.3.0 (2021-09)	LTE; 5G; Evolved Universal Terrestrial Radio Access (E-UTRA) and NR; Service Data Adaptation Protocol (SDAP) specification (3GPP TS 37.324 version 16.3.0 Release 16)
39	ETSI TS 137 340 V15.13.0 (2021-09)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR; Multi-connectivity; Overall description;
40	ETSI TS 137 340 V16.6.0 (2021-09)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR; Multi-connectivity; Overall description;
41	ETSI TS 137 355 V15.2.0 (2021-09)	LTE; 5G; LTE Positioning Protocol (LPP) (3GPP TS 37.355 version 15.2.0 Release 15)
42	ETSI TS 137 355 V16.5.0 (2021-09)	LTE; 5G; LTE Positioning Protocol (LPP) (3GPP TS 37.355 version 16.5.0 Release 16)
43	ETSI TS 138 101-1 V15.14.0 (2021-09)	5G; NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 15.14.0 Release 15)
44	ETSI TS 138 101-1 V16.8.0 (2021-09)	5G; NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 16.8.0 Release 16)
45	ETSI TS 138 101-2 V15.14.0 (2021-09)	5G; NR; User Equipment (UE) radio transmission and reception; Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 15.14.0 Release 15)
46	ETSI TS 138 101-2 V16.8.0 (2021-09)	5G; NR; User Equipment (UE) radio transmission and reception; Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 16.8.0 Release 16)
47	ETSI TS 138 101-3 V15.14.0 (2021-09)	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 15.14.0 Release 15)
48	ETSI TS 138 101-3 V16.8.0 (2021-09)	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 16.8.0 Release 16)
49	ETSI TS 138 101-4 V15.10.0 (2021-09)	5G; NR; User Equipment (UE) radio transmission and reception; Part 4: Performance requirements (3GPP TS 38.101-4 version 15.10.0 Release 15)
50	ETSI TS 138 101-4 V16.5.0 (2021-09)	5G; NR; User Equipment (UE) radio transmission and reception; Part 4: Performance requirements (3GPP TS 38.101-4 version 16.5.0 Release 16)
51	ETSI TS 138 104 V15.14.0 (2021-09)	5G; NR; Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 15.14.0 Release 15)
52	ETSI TS 138 104 V16.8.0 (2021-09)	5G; NR; Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 16.8.0 Release 16)
53	ETSI TS 138 113 V15.14.0 (2021-09)	5G; NR; Base Station (BS) ElectroMagnetic Compatibility (EMC) (3GPP TS 38.113 version 15.14.0 Release 15)
54	ETSI TS 138 113 V16.4.0 (2021-09)	5G; NR; Base Station (BS) ElectroMagnetic Compatibility (EMC) (3GPP TS 38.113 version 16.4.0 Release 16)
55	ETSI TS 138 124 V15.6.0 (2021-09)	5G; NR; Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 38.124 version 15.6.0 Release 15)
56	ETSI TS 138 124 V16.3.0 (2021-09)	5G; NR; Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 38.124 version 16.3.0 Release 16)

57	ETSI TS 138 141-1 V15.9.0 (2021-09)	5G; NR; Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 15.9.0 Release 15)
58	ETSI TS 138 141-1 V16.8.0 (2021-09)	5G; NR; Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 16.8.0 Release 16)
59	ETSI TS 138 141-2 V15.10.0 (2021-09)	5G; NR; Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 15.10.0 Release 15)
60	ETSI TS 138 141-2 V16.8.0 (2021-09)	5G; NR; Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 16.8.0 Release 16)
61	ETSI TS 138 171 V16.1.0 (2021-09)	5G; NR; Requirements for support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 38.171 version 16.1.0 Release 16)
62	ETSI TS 138 174 V16.3.0 (2021-09)	5G; NR; Integrated Access and Backhaul (IAB) radio transmission and reception (3GPP TS 38.174 version 16.3.0 Release 16)
63	ETSI TS 138 175 V16.2.0 (2021-09)	5G; NR; Integrated Access and Backhaul (IAB) Electromagnetic Compatibility (EMC) (3GPP TS 38.175 version 16.2.0 Release 16)
64	ETSI TS 138 176-1 V16.0.0 (2021-09)	5G; NR; Integrated Access and Backhaul (IAB) conformance testing; Part 1: Conducted conformance testing (3GPP TS 38.176-1 version 16.0.0 Release 16)
65	ETSI TS 138 176-2 V16.0.0 (2021-09)	5G; NR; Integrated Access and Backhaul (IAB) conformance testing; Part 2: Radiated conformance testing (3GPP TS 38.176-2 version 16.0.0 Release 16)
66	ETSI TS 138 300 V15.13.0 (2021-09)	5G; NR; NR and NG-RAN Overall description; Stage-2 (3GPP TS 38.300 version 15.13.0 Release 15)
67	ETSI TS 138 300 V16.6.0 (2021-09)	5G; NR; NR and NG-RAN Overall description; Stage-2 (3GPP TS 38.300 version 16.6.0 Release 16)
68	ETSI TS 138 304 V16.5.0 (2021-09)	5G; NR; User Equipment (UE) procedures in idle mode and in RRC Inactive state (3GPP TS 38.304 version 16.5.0 Release 16)
69	ETSI TS 138 305 V16.5.0 (2021-09)	5G; NG Radio Access Network (NG-RAN); Stage 2 functional specification of User Equipment (UE) positioning in NG-RAN (3GPP TS 38.305 version 16.5.0 Release 16)
70	ETSI TS 138 306 V15.14.0 (2021-09)	5G; NR; User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 15.14.0 Release 15)
71	ETSI TS 138 306 V16.5.0 (2021-09)	5G; NR; User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 16.5.0 Release 16)
72	ETSI TS 138 307 V16.7.0 (2021-09)	5G; NR; Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 38.307 version 16.7.0 Release 16)
73	ETSI TS 138 321 V16.5.0 (2021-09)	5G; NR; Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 16.5.0 Release 16)
74	ETSI TS 138 323 V15.8.0 (2021-09)	5G; NR; Packet Data Convergence Protocol (PDCP) specification (3GPP TS 38.323 version 15.8.0 Release 15)
75	ETSI TS 138 323 V16.4.0 (2021-09)	5G; NR; Packet Data Convergence Protocol (PDCP) specification (3GPP TS 38.323 version 16.4.0 Release 16)
76	ETSI TS 138 331 V15.14.0 (2021-09)	5G; NR; Radio Resource Control (RRC); Protocol specification (3GPP TS 38.331 version 15.14.0 Release 15)
77	ETSI TS 138 331 V16.5.0 (2021-09)	5G; NR; Radio Resource Control (RRC); Protocol specification (3GPP TS 38.331 version 16.5.0 Release 16)
78	ETSI TS 138 340 V16.5.0 (2021-09)	5G; NR; Backhaul Adaptation Protocol (BAP) specification (3GPP TS 38.340 version 16.5.0 Release 16)
79	ETSI TS 138 523-2 V16.8.0 (2021-09)	5G; LTE; 5GS; User Equipment (UE) conformance specification; Part 2: Applicability of protocol test cases (3GPP TS 38.523-2 version 16.8.0 Release 16)
80	ETSI TS 138 523-3 V16.2.0 (2021-09)	5G; LTE; 5GS; User Equipment (UE) conformance specification; Part 3: Protocol Test Suites (3GPP TS 38.523-3 version 16.2.0 Release 16)
81	ETSI TS 138 533 V16.8.0 (2021-09)	5G; NR; User Equipment (UE) conformance specification; Radio Resource Management (RRM) (3GPP TS 38.533 version 16.8.0 Release 16)
82	ETSI EN 300 019-2-5 V3.1.1 (2021-09)	Environmental Engineering (EE); Environmental conditions and environmental tests for telecommunications equipment; Part 2: Specification of environmental tests; Sub-part 5: Ground vehicle installations
83	ETSI GS F5G 003 V1.1.1 (2021-09)	Fifth Generation Fixed Network (F5G); F5G Technology Landscape
84	ETSI TR 103 766 V1.1.1 (2021-09)	Intelligent Transport Systems (ITS); Pre-standardization study on co-channel co-existence between IEEE802.11p and 3GPP-based ITS technologies in the 5 855 MHz-5 925 MHz frequency band
85	ETSI TS 103 999-1 V15.0.0 (2021-09)	Smart Secure Platform (SSP); Part 1: Test Specification, general characteristics (Release 15)
86	ETSI TS 119 102-2 V1.3.1 (2021-09)	Electronic Signatures and Infrastructures (ESI); Procedures for Creation and Validation of AdES Digital Signatures; Part 2: Signature Validation Report
87	ETSI TR 121 916 V16.0.1 (2021-09)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Release 16 Description; Summary of Rel-16 Work Items (3GPP TR 21.916 version 16.0.1 Release 16)
88	ETSI TS 131 121 V16.4.0 (2021-09)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 16.4.0 Release 16)

89	ETSI TS 131 124 V16.4.0 (2021-09)	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 16.4.0 Release 16)
90	ETSI TS 136 101 V10.30.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 10.30.0 Release 10)
91	ETSI TS 136 101 V11.27.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 11.27.0 Release 11)
92	ETSI TS 136 213 V14.17.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer procedures (3GPP TS 36.213 version 14.17.0 Release 14)
93	ETSI TS 136 213 V15.14.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer procedures (3GPP TS 36.213 version 15.14.0 Release 15)
94	ETSI TS 136 213 V16.6.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer procedures (3GPP TS 36.213 version 16.6.0 Release 16)
95	ETSI TS 136 508 V16.9.0 (2021-09)	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 16.9.0 Release 16)
96	ETSI TS 136 521-3 V16.9.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 3: Radio Resource Management (RRM) conformance testing (3GPP TS 36.521-3 version 16.9.0 Release 16)
97	ETSI TS 136 523-1 V16.9.0 (2021-09)	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 16.9.0 Release 16)
98	ETSI TS 136 523-3 V16.9.0 (2021-09)	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 16.9.0 Release 16)
99	ETSI TS 137 571-1 V16.9.0 (2021-09)	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 16.9.0 Release 16)
100	ETSI SR 003 809 V1.1.1 (2021-09)	eHEALTH; The role of ICT to enable Health crisis management and recovery; Responding to the 2019 SARS-CoV-2 Pandemic
101	ETSI EN 301 908-1 V15.1.1 (2021-09)	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 1: Introduction and common requirements Release 15
102	ETSI EN 301 908-14 V15.1.1 (2021-09)	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 14: Evolved Universal Terrestrial Radio Access (E-UTRA) Base Stations (BS) Release 15
103	ETSI EN 301 908-18 V15.1.1 (2021-09)	IMT cellular networks; Harmonised Standard for access to radio spectrum; Part 18: E-UTRA, UTRA and GSM/EDGE Multi-Standard Radio (MSR) Base Station (BS) Release 15
104	ETSI EN 302 480 V2.2.1 (2021-09)	Mobile Communication On Board Aircraft (MCOBA) systems; Harmonised Standard for access to radio spectrum
105	ETSI GS NFV-TST 010 V3.3.1 (2021-09)	Network Functions Virtualisation (NFV) Release 3; Testing; API Conformance Testing Specification
106	ETSI TS 100 392-12-22 V1.6.1 (2021-09)	Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 12: Supplementary services stage 3; Sub-part 22: Dynamic Group Number Assignment (DGNA)
107	ETSI TR 103 616 V1.1.1 (2021-09)	CYBER; Quantum-Safe Signatures
108	ETSI TR 103 823 V1.1.1 (2021-09)	CYBER; Quantum-Safe Public-Key Encryption and Key Encapsulation
109	ETSI TS 136 101 V12.27.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 12.27.0 Release 12)
110	ETSI TS 136 101 V13.21.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 13.21.0 Release 13)
111	ETSI TS 136 101 V14.19.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 14.19.0 Release 14)
112	ETSI TS 136 101 V15.15.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 15.15.0 Release 15)
113	ETSI TS 136 101 V16.10.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 16.10.0 Release 16)
114	ETSI TS 136 133 V14.19.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 14.19.0 Release 14)
115	ETSI TS 136 133 V15.14.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 15.14.0 Release 15)

116	ETSI TS 136 133 V16.10.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 16.10.0 Release 16)
117	ETSI TS 136 521-1 V16.9.0 (2021-09)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Conformance testing (3GPP TS 36.521-1 version 16.9.0 Release 16)
118	ETSI GR ARF 004-1 V1.1.1 (2021-09)	Augmented Reality Framework (ARF) Interoperability Requirements for AR components, systems and services; Part 1: Overview
119	ETSI TS 100 392-3-12 V1.3.1 (2021-09)	Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 3: Interworking at the Inter-System Interface (ISI); Sub-part 12: Transport layer independent Additional Network Feature Individual Call (ANF-ISIIC)
120	ETSI TS 123 122 V16.11.0 (2021-09)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Non-Access-Stratum (NAS) functions related to Mobile Station (MS) in idle mode (3GPP TS 23.122 version 16.11.0 Release 16)
121	ETSI TS 123 273 V16.8.0 (2021-09)	5G; 5G System (5GS) Location Services (LCS); Stage 2 (3GPP TS 23.273 version 16.8.0 Release 16)
122	ETSI TS 123 288 V16.9.0 (2021-09)	5G; Architecture enhancements for 5G System (5GS) to support network data analytics services (3GPP TS 23.288 version 16.9.0 Release 16)
123	ETSI TS 123 316 V16.7.0 (2021-09)	5G; Wireless and wireline convergence access support for the 5G System (5GS) (3GPP TS 23.316 version 16.7.0 Release 16)
124	ETSI TS 123 401 V16.11.0 (2021-09)	LTE; General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 16.11.0 Release 16)
125	ETSI TS 123 501 V16.10.0 (2021-09)	5G; System architecture for the 5G System (5GS) (3GPP TS 23.501 version 16.10.0 Release 16)
126	ETSI TS 123 502 V15.15.0 (2021-09)	5G; Procedures for the 5G System (5GS) (3GPP TS 23.502 version 15.15.0 Release 15)
127	ETSI TS 123 502 V16.10.0 (2021-09)	5G; Procedures for the 5G System (5GS) (3GPP TS 23.502 version 16.10.0 Release 16)
128	ETSI TS 123 503 V16.10.0 (2021-09)	5G; Policy and charging control framework for the 5G System (5GS); Stage 2 (3GPP TS 23.503 version 16.10.0 Release 16)
129	ETSI TS 123 682 V16.10.0 (2021-09)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Architecture enhancements to facilitate communications with packet data networks and applications (3GPP TS 23.682 version 16.10.0 Release 16)
130	ETSI TS 124 281 V14.11.0 (2021-09)	LTE; Mission Critical Video (MCVideo) signalling control; Protocol specification (3GPP TS 24.281 version 14.11.0 Release 14)
131	ETSI TS 124 281 V15.10.0 (2021-09)	LTE; Mission Critical Video (MCVideo) signalling control; Protocol specification (3GPP TS 24.281 version 15.10.0 Release 15)
132	ETSI TS 124 281 V16.6.0 (2021-09)	LTE; Mission Critical Video (MCVideo) signalling control; Protocol specification (3GPP TS 24.281 version 16.6.0 Release 16)
133	ETSI TS 124 483 V15.8.0 (2021-09)	LTE; Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 15.8.0 Release 15)
134	ETSI TS 124 483 V16.7.0 (2021-09)	LTE; Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 16.7.0 Release 16)
135	ETSI TS 124 483 V13.10.0 (2021-09)	LTE; Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 13.10.0 Release 13)
136	ETSI TS 124 483 V14.10.0 (2021-09)	LTE; Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 14.10.0 Release 14)
137	ETSI TS 124 501 V16.10.0 (2021-09)	5G; Non-Access-Stratum (NAS) protocol for 5G System (5GS); Stage 3 (3GPP TS 24.501 version 16.10.0 Release 16)
138	ETSI TS 128 404 V16.3.0 (2021-09)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Quality of Experience (QoE) measurement collection; Concepts, use cases and requirements (3GPP TS 28.404 version 16.3.0 Release 16)
139	ETSI TS 128 405 V16.1.0 (2021-09)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Quality of Experience (QoE) measurement collection; Control and configuration (3GPP TS 28.405 version 16.1.0 Release 16)
140	ETSI TS 128 531 V15.9.0 (2021-09)	5G; Management and orchestration; Provisioning (3GPP TS 28.531 version 15.9.0 Release 15)
141	ETSI TS 128 531 V16.11.0 (2021-09)	5G; Management and orchestration; Provisioning (3GPP TS 28.531 version 16.11.0 Release 16)
142	ETSI TS 128 532 V16.9.0 (2021-09)	5G; Management and orchestration; Generic management services (3GPP TS 28.532 version 16.9.0 Release 16)
143	ETSI TS 128 550 V15.7.0 (2021-09)	5G; Management and orchestration; Performance assurance (3GPP TS 28.550 version 15.7.0 Release 15)

144	ETSI TS 128 550 V16.8.0 (2021-09)	5G; Management and orchestration; Performance assurance (3GPP TS 28.550 version 16.8.0 Release 16)
145	ETSI TS 128 552 V16.11.0 (2021-09)	5G; Management and orchestration; 5G performance measurements (3GPP TS 28.552 version 16.11.0 Release 16)
146	ETSI TS 128 622 V15.5.0 (2021-09)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Generic Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) (3GPP TS 28.622 version 15.5.0 Release 15)
147	ETSI TS 128 622 V16.9.0 (2021-09)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Generic Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) (3GPP TS 28.622 version 16.9.0 Release 16)
148	ETSI TS 129 122 V15.12.0 (2021-09)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; T8 reference point for Northbound APIs (3GPP TS 29.122 version 15.12.0 Release 15)
149	ETSI TS 129 122 V16.11.0 (2021-09)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; T8 reference point for Northbound APIs (3GPP TS 29.122 version 16.11.0 Release 16)
150	ETSI TS 129 214 V16.5.0 (2021-09)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Policy and charging control over Rx reference point (3GPP TS 29.214 version 16.5.0 Release 16)
151	ETSI TS 129 230 V16.7.0 (2021-09)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Diameter applications; 3GPP specific codes and identifiers (3GPP TS 29.230 version 16.7.0 Release 16)
152	ETSI TS 129 244 V16.9.1 (2021-09)	LTE; 5G; Interface between the Control Plane and the User Plane nodes (3GPP TS 29.244 version 16.9.1 Release 16)
153	ETSI TS 129 274 V16.9.0 (2021-09)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; 3GPP Evolved Packet System (EPS); Evolved General Packet Radio Service (GPRS) Tunnelling Protocol for Control plane (GTPv2-C); Stage 3 (3GPP TS 29.274 version 16.9.0 Release 16)
154	ETSI TS 129 500 V16.9.0 (2021-09)	5G; 5G System; Technical Realization of Service Based Architecture; Stage 3 (3GPP TS 29.500 version 16.9.0 Release 16)
155	ETSI TS 129 502 V16.9.0 (2021-09)	5G; 5G System; Session Management Services; Stage 3 (3GPP TS 29.502 version 16.9.0 Release 16)
156	ETSI TS 129 503 V16.9.0 (2021-09)	5G; 5G System; Unified Data Management Services; Stage 3 (3GPP TS 29.503 version 16.9.0 Release 16)
157	ETSI TS 129 504 V16.9.0 (2021-09)	5G; 5G System; Unified Data Repository Services; Stage 3 (3GPP TS 29.504 version 16.9.0 Release 16)
158	ETSI TS 129 505 V16.8.0 (2021-09)	5G; 5G System; Usage of the Unified Data Repository services for Subscription Data; Stage 3 (3GPP TS 29.505 version 16.8.0 Release 16)
159	ETSI TS 129 507 V16.9.0 (2021-09)	5G; 5G System; Access and Mobility Policy Control Service; Stage 3 (3GPP TS 29.507 version 16.9.0 Release 16)
160	ETSI TS 129 508 V16.9.0 (2021-09)	5G; 5G System; Session Management Event Exposure Service; Stage 3 (3GPP TS 29.508 version 16.9.0 Release 16)
161	ETSI TS 129 509 V15.7.0 (2021-09)	5G; 5G System; Authentication Server Services; Stage 3 (3GPP TS 29.509 version 15.7.0 Release 15)
162	ETSI TS 129 509 V16.8.0 (2021-09)	5G; 5G System; Authentication Server Services; Stage 3 (3GPP TS 29.509 version 16.8.0 Release 16)
163	ETSI TS 129 510 V16.9.0 (2021-09)	5G; 5G System; Network function repository services; Stage 3 (3GPP TS 29.510 version 16.9.0 Release 16)
164	ETSI TS 129 511 V16.6.0 (2021-09)	5G; 5G System; Equipment Identity Register Services; Stage 3 (3GPP TS 29.511 version 16.6.0 Release 16)
165	ETSI TS 129 512 V15.12.0 (2021-09)	5G; 5G System; Session Management Policy Control Service; Stage 3 (3GPP TS 29.512 version 15.12.0 Release 15)
166	ETSI TS 129 512 V16.10.0 (2021-09)	5G; 5G System; Session Management Policy Control Service; Stage 3 (3GPP TS 29.512 version 16.10.0 Release 16)
167	ETSI TS 129 513 V16.9.0 (2021-09)	5G; 5G System; Policy and Charging Control signalling flows and QoS parameter mapping; Stage 3 (3GPP TS 29.513 version 16.9.0 Release 16)
168	ETSI TS 129 514 V15.11.0 (2021-09)	5G; 5G System; Policy Authorization Service; Stage 3 (3GPP TS 29.514 version 15.11.0 Release 15)
169	ETSI TS 129 514 V16.10.0 (2021-09)	5G; 5G System; Policy Authorization Service; Stage 3 (3GPP TS 29.514 version 16.10.0 Release 16)
170	ETSI TS 129 515 V16.6.0 (2021-09)	5G; 5G System; Gateway Mobile Location Services; Stage 3 (3GPP TS 29.515 version 16.6.0 Release 16)
171	ETSI TS 129 518 V15.11.0 (2021-09)	5G; 5G System; Access and Mobility Management Services; Stage 3 (3GPP TS 29.518 version 15.11.0 Release 15)
172	ETSI TS 129 518 V16.9.0 (2021-09)	5G; 5G System; Access and Mobility Management Services; Stage 3 (3GPP TS 29.518 version 16.9.0 Release 16)
173	ETSI TS 129 519 V15.9.0 (2021-09)	5G; 5G System; Usage of the Unified Data Repository Service for Policy Data, Application Data and Structured Data for Exposure; Stage 3 (3GPP TS 29.519 version 15.9.0 Release 15)

174	ETSI TS 129 519 V16.8.0 (2021-09)	5G; 5G System; Usage of the Unified Data Repository Service for Policy Data, Application Data and Structured Data for Exposure; Stage 3 (3GPP TS 29.519 version 16.8.0 Release 16)
175	ETSI TS 129 520 V16.9.0 (2021-09)	5G; 5G System; Network Data Analytics Services; Stage 3 (3GPP TS 29.520 version 16.9.0 Release 16)
176	ETSI TS 129 522 V15.9.0 (2021-09)	5G; 5G System; Network Exposure Function Northbound APIs; Stage 3 (3GPP TS 29.522 version 15.9.0 Release 15)
177	ETSI TS 129 522 V16.9.0 (2021-09)	5G; 5G System; Network Exposure Function Northbound APIs; Stage 3 (3GPP TS 29.522 version 16.9.0 Release 16)
178	ETSI TS 129 525 V15.7.0 (2021-09)	5G; 5G System; UE Policy Control Service; Stage 3 (3GPP TS 29.525 version 15.7.0 Release 15)
179	ETSI TS 129 525 V16.9.0 (2021-09)	5G; 5G System; UE Policy Control Service; Stage 3 (3GPP TS 29.525 version 16.9.0 Release 16)
180	ETSI TS 129 526 V16.5.0 (2021-09)	5G; 5G System; Network Slice-Specific Authentication and Authorization (NSSAA) services; Stage 3 (3GPP TS 29.526 version 16.5.0 Release 16)
181	ETSI TS 129 531 V16.8.0 (2021-09)	5G; 5G System; Network Slice Selection Services; Stage 3 (3GPP TS 29.531 version 16.8.0 Release 16)
182	ETSI TS 129 540 V16.9.0 (2021-09)	5G; 5G System; SMS Services; Stage 3 (3GPP TS 29.540 version 16.9.0 Release 16)
183	ETSI TS 129 541 V16.5.0 (2021-09)	LTE; 5G; 5G System; Network Exposure (NE) function services for Non-IP Data Delivery (NIDD); Stage 3 (3GPP TS 29.541 version 16.5.0 Release 16)
184	ETSI TS 129 542 V16.6.0 (2021-09)	LTE; 5G; 5G System; Session management services for Non-IP Data Delivery (NIDD); Stage 3 (3GPP TS 29.542 version 16.6.0 Release 16)
185	ETSI TS 129 550 V16.4.0 (2021-09)	5G; 5G System; Steering of roaming application function services; Stage 3 (3GPP TS 29.550 version 16.4.0 Release 16)
186	ETSI TS 129 551 V15.10.0 (2021-09)	5G; 5G System; Packet Flow Description Management Service; Stage 3 (3GPP TS 29.551 version 15.10.0 Release 15)
187	ETSI TS 129 551 V16.9.0 (2021-09)	5G; 5G System; Packet Flow Description Management Service; Stage 3 (3GPP TS 29.551 version 16.9.0 Release 16)
188	ETSI TS 129 562 V16.6.0 (2021-09)	5G; 5G System; Home Subscriber Server (HSS) services; Stage 3 (3GPP TS 29.562 version 16.6.0 Release 16)
189	ETSI TS 129 563 V16.6.0 (2021-09)	5G; 5G System; Home Subscriber Server (HSS) services for interworking with Unified Data Management (UDM); Stage 3 (3GPP TS 29.563 version 16.6.0 Release 16)
190	ETSI TS 129 571 V16.9.0 (2021-09)	5G; 5G System; Common Data Types for Service Based Interfaces; Stage 3 (3GPP TS 29.571 version 16.9.0 Release 16)
191	ETSI TS 129 572 V16.8.0 (2021-09)	5G; 5G System; Location Management Services; Stage 3 (3GPP TS 29.572 version 16.8.0 Release 16)
192	ETSI TS 129 573 V15.5.0 (2021-09)	5G; 5G System; Public Land Mobile Network (PLMN) Interconnection; Stage 3 (3GPP TS 29.573 version 15.5.0 Release 15)
193	ETSI TS 129 573 V16.8.0 (2021-09)	5G; 5G System; Public Land Mobile Network (PLMN) Interconnection; Stage 3 (3GPP TS 29.573 version 16.8.0 Release 16)
194	ETSI TS 129 591 V16.6.0 (2021-09)	5G; 5G System; Network Exposure Function Southbound Services; Stage 3 (3GPP TS 29.591 version 16.6.0 Release 16)
195	ETSI TS 129 598 V16.6.0 (2021-09)	5G; Unstructured data storage services (3GPP TS 29.598 version 16.6.0 Release 16)
196	ETSI TS 129 673 V16.6.0 (2021-09)	LTE; 5G; 5G System; UE radio capability management services; Stage 3 (3GPP TS 29.673 version 16.6.0 Release 16)
197	ETSI TS 129 674 V16.3.0 (2021-09)	LTE; 5G; Interface between the UE radio Capability Management Function (UCMF) and the Mobility Management Entity (MME); Stage 3 (3GPP TS 29.674 version 16.3.0 Release 16)
198	ETSI TS 129 675 V16.4.0 (2021-09)	LTE; 5G; User Equipment (UE) radio capability provisioning service; Stage 3 (3GPP TS 29.675 version 16.4.0 Release 16)
199	ETSI TS 131 102 V16.8.0 (2021-09)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 16.8.0 Release 16)
200	ETSI TS 132 158 V16.4.0 (2021-09)	LTE; 5G; Management and orchestration; Design rules for REpresentational State Transfer (REST) Solution Sets (SS) (3GPP TS 32.158 version 16.4.0 Release 16)
201	ETSI TS 132 240 V16.4.0 (2021-09)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Charging architecture and principles (3GPP TS 32.240 version 16.4.0 Release 16)
202	ETSI TS 132 255 V16.10.0 (2021-09)	5G; Telecommunication management; Charging management; 5G data connectivity domain charging; Stage 2 (3GPP TS 32.255 version 16.10.0 Release 16)
203	ETSI TS 132 290 V16.9.0 (2021-09)	5G; Telecommunication management; Charging management; 5G system; Services, operations and procedures of charging using Service Based Interface (SBI) (3GPP TS 32.290 version 16.9.0 Release 16)
204	ETSI TS 132 422 V16.7.0 (2021-09)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Subscriber and equipment trace; Trace control and configuration management (3GPP TS 32.422 version 16.7.0 Release 16)

205	ETSI TS 133 127 V16.9.0 (2021-09)	LTE; 5G; Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Lawful Interception (LI) architecture and functions (3GPP TS 33.127 version 16.9.0 Release 16)
206	ETSI TS 133 128 V16.8.0 (2021-09)	LTE; 5G; Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Security; Protocol and procedures for Lawful Interception (LI);
207	ETSI TS 133 216 V16.7.0 (2021-09)	LTE; Security Assurance Specification (SCAS) for the evolved Node B (eNB) network product class (3GPP TS 33.216 version 16.7.0 Release 16)
208	ETSI TS 133 501 V15.14.0 (2021-09)	5G; Security architecture and procedures for 5G System (3GPP TS 33.501 version 15.14.0 Release 15)
209	ETSI TS 133 501 V16.8.0 (2021-09)	5G; Security architecture and procedures for 5G System (3GPP TS 33.501 version 16.8.0 Release 16)
210	ETSI TS 133 515 V16.4.0 (2021-09)	5G; 5G Security Assurance Specification (SCAS) for the Session Management Function (SMF) network product class (3GPP TS 33.515 version 16.4.0 Release 16)
211	ETSI TS 138 133 V15.14.0 (2021-09)	5G; NR; Requirements for support of radio resource management (3GPP TS 38.133 version 15.14.0 Release 15)
212	ETSI TS 138 133 V16.8.0 (2021-09)	5G; NR; Requirements for support of radio resource management (3GPP TS 38.133 version 16.8.0 Release 16)
213	ETSI TS 138 521-2 V16.8.0 (2021-09)	5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 2: Range 2 standalone (3GPP TS 38.521-2 version 16.8.0 Release 16)
214	ETSI TS 138 523-1 V16.8.0 (2021-09)	5G; LTE; 5GS; User Equipment (UE) conformance specification; Part 1: Protocol (3GPP TS 38.523-1 version 16.8.0 Release 16)