

Nr.	Standard reference	Title
1	ETSI TS 138 521-1 V17.4.1 (2022-07)	5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Range 1 standalone (3GPP TS 38.521-1 version 17.4.1 Release 17)
2	ETSI EN 303 447 V1.3.1 (2022-07)	Short Range Devices (SRD); Harmonised Standard for access to radio spectrum; Inductive loop systems for robotic mowers operating within the frequency range 100 Hz to 148,5 kHz
3	ETSI EG 203 499 V2.1.1 (2022-07)	Human Factors (HF); User-centred terminology for existing and upcoming ICT devices, services and applications
4	ETSI GS NFV-SOL 007 V4.3.1 (2022-07)	Network Functions Virtualisation (NFV) Release 4; Protocols and Data Models; Network Service Descriptor File Structure Specification
5	ETSI GS ZSM 008 V1.1.1 (2022-07)	Zero-touch network and Service Management (ZSM); Cross-domain E2E service lifecycle management
6	ETSI GS NFV-SOL 013 V4.3.1 (2022-07)	Network Functions Virtualisation (NFV) Release 4; Protocols and Data Models; Specification of common aspects for RESTful NFV MANO APIs
7	ETSI GS MEC 028 V2.3.1 (2022-07)	Multi-access Edge Computing (MEC); WLAN Access Information API
8	ETSI TS 103 096-1 V1.5.2 (2022-07)	Intelligent Transport Systems (ITS); Testing; Conformance test specifications for ITS Security; Part 1: Protocol Implementation Conformance Statement (PICS)
9	ETSI TS 103 096-2 V1.5.2 (2022-07)	Intelligent Transport Systems (ITS); Testing; Conformance test specifications for ITS Security; Part 2: Test Suite Structure and Test Purposes (TSS & TP)
10	ETSI TS 103 096-3 V1.5.2 (2022-07)	Intelligent Transport Systems (ITS); Testing; Conformance test specifications for ITS Security; Part 3: Abstract Test Suite (ATS) and Protocol Implementation eXtra Information for Testing (PIXIT)
11	ETSI TS 103 525-1 V1.2.2 (2022-07)	Intelligent Transport Systems (ITS); Testing; Conformance test specifications for ITS PKI management; Part 1: Protocol Implementation Conformance Statement (PICS)
12	ETSI TS 103 525-2 V1.2.2 (2022-07)	Intelligent Transport Systems (ITS); Testing; Conformance test specifications for ITS PKI management; Part 2: Test Suite Structure and Test Purposes (TSS & TP)
13	ETSI TS 103 525-3 V1.2.2 (2022-07)	Intelligent Transport Systems (ITS); Testing; Conformance test specifications for ITS PKI management; Part 3: Abstract Test Suite (ATS) and Protocol Implementation eXtra Information for Testing (PIXIT)
14	ETSI TS 123 216 V16.7.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Single Radio Voice Call Continuity (SRVCC); Stage 2 (3GPP TS 23.216 version 16.7.0 Release 16)
15	ETSI TS 129 521 V17.5.0 (2022-07)	5G; 5G System; Binding Support Management Service; Stage 3 (3GPP TS 29.521 version 17.5.0 Release 17)
16	ETSI TS 129 522 V16.11.0 (2022-07)	5G; 5G System; Network Exposure Function Northbound APIs; Stage 3 (3GPP TS 29.522 version 16.11.0 Release 16)
17	ETSI TS 129 522 V17.6.0 (2022-07)	5G; 5G System; Network Exposure Function Northbound APIs; Stage 3 (3GPP TS 29.522 version 17.6.0 Release 17)
18	ETSI TS 129 523 V17.7.0 (2022-07)	5G; 5G System; Policy Control Event Exposure Service; Stage 3 (3GPP TS 29.523 version 17.7.0 Release 17)

19	ETSI TS 129 525 V17.7.0 (2022-07)	5G; 5G System; UE Policy Control Service; Stage 3 (3GPP TS 29.525 version 17.7.0 Release 17)
20	ETSI TS 129 525 V16.11.0 (2022-07)	5G; 5G System; UE Policy Control Service; Stage 3 (3GPP TS 29.525 version 16.11.0 Release 16)
21	ETSI TS 129 535 V17.5.0 (2022-07)	5G; 5G System; AKMA Anchor Services; Stage 3 (3GPP TS 29.535 version 17.5.0 Release 17)
22	ETSI TS 138 101-1 V15.18.0 (2022-07)	5G ; NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 15.18.0 Release 15)
23	ETSI TS 138 101-1 V16.12.1 (2022-07)	5G ; NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 16.12.1 Release 16)
24	ETSI TS 138 101-3 V15.18.0 (2022-07)	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 15.18.0 Release 15)
25	ETSI TS 138 101-3 V16.12.0 (2022-07)	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 16.12.0 Release 16)
26	ETSI TS 138 533 V17.2.0 (2022-07)	5G; NR; User Equipment (UE) conformance specification; Radio Resource Management (RRM) (3GPP TS 38.533 version 17.2.0 Release 17)
27	ETSI GS MEC 009 V3.2.1 (2022-07)	Multi-access Edge Computing (MEC); General principles, patterns and common aspects of MEC Service APIs
28	ETSI TR 121 900 V17.2.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Technical Specification Group working methods (3GPP TR 21.900 version 17.2.0 Release 17)
29	ETSI TS 122 011 V17.6.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Service accessibility (3GPP TS 22.011 version 17.6.0 Release 17)
30	ETSI TS 122 101 V17.5.0 (2022-07)	Universal Mobile Telecommunications System (UMTS); LTE; Service aspects; Service principles (3GPP TS 22.101 version 17.5.0 Release 17)
31	ETSI TS 122 115 V17.1.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Service aspects; Charging and billing (3GPP TS 22.115 version 17.1.0 Release 17)
32	ETSI TS 123 216 V17.1.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Single Radio Voice Call Continuity (SRVCC); Stage 2 (3GPP TS 23.216 version 17.1.0 Release 17)
33	ETSI TS 123 222 V15.5.0 (2022-07)	LTE; 5G; Common API Framework for 3GPP Northbound APIs (3GPP TS 23.222 version 15.5.0 Release 15)
34	ETSI TS 123 222 V16.11.0 (2022-07)	LTE; 5G; Common API Framework for 3GPP Northbound APIs (3GPP TS 23.222 version 16.11.0 Release 16)
35	ETSI TS 123 222 V17.6.0 (2022-07)	LTE; 5G; Common API Framework for 3GPP Northbound APIs (3GPP TS 23.222 version 17.6.0 Release 17)
36	ETSI TS 123 247 V17.3.0 (2022-07)	5G; Architectural enhancements for 5G multicast-broadcast services (3GPP TS 23.247 version 17.3.0 Release 17)

37	ETSI TS 123 256 V17.3.0 (2022-07)	5G; Support of Uncrewed Aerial Systems (UAS) connectivity, identification and tracking; Stage 2 (3GPP TS 23.256 version 17.3.0 Release 17)
38	ETSI TS 123 273 V16.10.0 (2022-07)	5G; 5G System (5GS) Location Services (LCS); Stage 2 (3GPP TS 23.273 version 16.10.0 Release 16)
39	ETSI TS 123 273 V17.5.0 (2022-07)	5G; 5G System (5GS) Location Services (LCS); Stage 2 (3GPP TS 23.273 version 17.5.0 Release 17)
40	ETSI TS 123 285 V17.1.0 (2022-07)	Universal Mobile Telecommunications System (UMTS); LTE; Architecture enhancements for V2X services (3GPP TS 23.285 version 17.1.0 Release 17)
41	ETSI TS 123 286 V17.4.0 (2022-07)	LTE; Application layer support for Vehicle-to-Everything (V2X) services; Functional architecture and information flows (3GPP TS 23.286 version 17.4.0 Release 17)
42	ETSI TS 123 287 V16.7.0 (2022-07)	5G; Architecture enhancements for 5G System (5GS) to support Vehicle-to-Everything (V2X) services (3GPP TS 23.287 version 16.7.0 Release 16)
43	ETSI TS 123 287 V17.3.0 (2022-07)	5G; Architecture enhancements for 5G System (5GS) to support Vehicle-to-Everything (V2X) services (3GPP TS 23.287 version 17.3.0 Release 17)
44	ETSI TS 123 288 V17.5.0 (2022-07)	5G; Architecture enhancements for 5G System (5GS) to support network data analytics services (3GPP TS 23.288 version 17.5.0 Release 17)
45	ETSI TS 123 288 V16.11.0 (2022-07)	5G; Architecture enhancements for 5G System (5GS) to support network data analytics services (3GPP TS 23.288 version 16.11.0 Release 16)
46	ETSI TS 123 289 V17.2.0 (2022-07)	5G; Mission Critical services over 5G System; Stage 2 (3GPP TS 23.289 version 17.2.0 Release 17)
47	ETSI TS 123 304 V17.3.0 (2022-07)	5G; Proximity based Services (ProSe) in the 5G System (5GS) (3GPP TS 23.304 version 17.3.0 Release 17)
48	ETSI TS 123 316 V16.8.0 (2022-07)	5G; Wireless and wireline convergence access support for the 5G System (5GS) (3GPP TS 23.316 version 16.8.0 Release 16)
49	ETSI TS 123 316 V17.3.0 (2022-07)	5G; Wireless and wireline convergence access support for the 5G System (5GS) (3GPP TS 23.316 version 17.3.0 Release 17)
50	ETSI TS 123 401 V17.5.0 (2022-07)	LTE; General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 17.5.0 Release 17)
51	ETSI TS 123 434 V17.6.0 (2022-07)	5G; Service Enabler Architecture Layer for Verticals (SEAL); Functional architecture and information flows (3GPP TS 23.434 version 17.6.0 Release 17)
52	ETSI TS 123 501 V16.13.0 (2022-07)	5G; System architecture for the 5G System (5GS) (3GPP TS 23.501 version 16.13.0 Release 16)
53	ETSI TS 123 501 V17.5.0 (2022-07)	5G; System architecture for the 5G System (5GS) (3GPP TS 23.501 version 17.5.0 Release 17)
54	ETSI TS 123 502 V15.16.0 (2022-07)	5G; Procedures for the 5G System (5GS) (3GPP TS 23.502 version 15.16.0 Release 15)
55	ETSI TS 123 502 V16.13.0 (2022-07)	5G; Procedures for the 5G System (5GS) (3GPP TS 23.502 version 16.13.0 Release 16)
56	ETSI TS 123 502 V17.5.0 (2022-07)	5G; Procedures for the 5G System (5GS) (3GPP TS 23.502 version 17.5.0 Release 17)
57	ETSI TS 123 503 V16.12.0 (2022-07)	5G; Policy and charging control framework for the 5G System (5GS); Stage 2 (3GPP TS 23.503 version 16.12.0 Release 16)

58	ETSI TS 123 503 V17.5.0 (2022-07)	5G; Policy and charging control framework for the 5G System (5GS); Stage 2 (3GPP TS 23.503 version 17.5.0 Release 17)
59	ETSI TS 123 548 V17.3.0 (2022-07)	5G; 5G System Enhancements for Edge Computing; Stage 2 (3GPP TS 23.548 version 17.3.0 Release 17)
60	ETSI TS 123 558 V17.4.0 (2022-07)	5G; Architecture for enabling Edge Applications (3GPP TS 23.558 version 17.4.0 Release 17)
61	ETSI TS 123 682 V17.3.0 (2022-07)	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 17.3.0 Release 17)
62	ETSI TS 124 008 V17.7.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM) ; Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Mobile radio interface Layer 3 specification; Core network protocols;
63	ETSI TS 124 011 V17.2.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM) ; Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Point-to-Point (PP) Short Message Service (SMS) support on mobile radio interface (3GPP TS 24.011 version 17.2.0 Release 17)
64	ETSI TS 124 109 V17.2.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; Bootstrapping interface (Ub) and network application function interface (Ua); Protocol details (3GPP TS 24.109 version 17.2.0 Release 17)
65	ETSI TS 124 174 V17.6.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Support of multi-device and multi-identity in the IP Multimedia Subsystem (IMS); Stage 3 (3GPP TS 24.174 version 17.6.0 Release 17)
66	ETSI TS 124 175 V17.1.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Management Object (MO) for multi-device and multi-identity in the IP Multimedia Subsystem (IMS) (3GPP TS 24.175 version 17.1.0 Release 17)
67	ETSI TS 124 483 V14.11.0 (2022-07)	LTE ; Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 14.11.0 Release 14)
68	ETSI TS 124 483 V15.9.0 (2022-07)	LTE ; Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 15.9.0 Release 15)
69	ETSI TS 124 483 V16.8.0 (2022-07)	LTE ; Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 16.8.0 Release 16)
70	ETSI TS 124 483 V17.7.0 (2022-07)	LTE ; Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 17.7.0 Release 17)
71	ETSI TS 124 554 V17.1.0 (2022-07)	5G ; Proximity-services (ProSe) in 5G System (5GS) protocol aspects; Stage 3 (3GPP TS 24.554 version 17.1.0 Release 17)
72	ETSI TS 124 555 V17.1.0 (2022-07)	5G ; Proximity-services (ProSe) in 5G System (5GS); User Equipment (UE) policies; Stage 3 (3GPP TS 24.555 version 17.1.0 Release 17)
73	ETSI TS 126 114 V17.5.0 (2022-07)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; IP Multimedia Subsystem (IMS); Multimedia telephony; Media handling and interaction (3GPP TS 26.114 version 17.5.0 Release 17)

74	ETSI TS 126 223 V17.1.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; Telepresence using the IP Multimedia Subsystem (IMS); Media handling and interaction (3GPP TS 26.223 version 17.1.0 Release 17)
75	ETSI TS 126 247 V16.6.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; Transparent end-to-end Packet-switched Streaming Service (PSS); Progressive Download and Dynamic Adaptive Streaming over HTTP (3GP-DASH) (3GPP TS 26.247 version 16.6.0 Release 16)
76	ETSI TS 126 247 V17.1.0 (2022-07)	Universal Mobile Telecommunications System (UMTS); LTE; Transparent end-to-end Packet-switched Streaming Service (PSS); Progressive Download and Dynamic Adaptive Streaming over HTTP (3GP-DASH) (3GPP TS 26.247 version 17.1.0 Release 17)
77	ETSI TS 126 346 V17.1.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs (3GPP TS 26.346 version 17.1.0 Release 17)
78	ETSI TS 126 347 V17.1.0 (2022-07)	LTE ; Multimedia Broadcast/Multicast Service (MBMS); Application Programming Interface and URL (3GPP TS 26.347 version 17.1.0 Release 17)
79	ETSI TS 126 348 V17.1.0 (2022-07)	LTE ; 5G ; Northbound Application Programming Interface (API) for Multimedia Broadcast/Multicast Service (MBMS) at the xMB reference point (3GPP TS 26.348 version 17.1.0 Release 17)
80	ETSI TS 126 501 V17.2.0 (2022-07)	5G ; 5G Media Streaming (5GMS); General description and architecture (3GPP TS 26.501 version 17.2.0 Release 17)
81	ETSI TS 126 502 V17.1.0 (2022-07)	5G ; 5G Multicast-Broadcast User Service Architecture (3GPP TS 26.502 version 17.1.0 Release 17)
82	ETSI TS 126 512 V16.6.0 (2022-07)	5G ; 5G Media Streaming (5GMS); Protocols (3GPP TS 26.512 version 16.6.0 Release 16)
83	ETSI TS 126 512 V17.1.0 (2022-07)	5G ; 5G Media Streaming (5GMS); Protocols (3GPP TS 26.512 version 17.1.0 Release 17)
84	ETSI TS 126 517 V17.0.0 (2022-07)	LTE ; 5G ; 5G Multicast-Broadcast User Services; Protocols and Formats (3GPP TS 26.517 version 17.0.0 Release 17)
85	ETSI TS 126 531 V17.0.0 (2022-07)	5G ; Data Collection and Reporting; General Description and Architecture (3GPP TS 26.531 version 17.0.0 Release 17)
86	ETSI TS 126 532 V17.0.0 (2022-07)	5G ; Data Collection and Reporting; Protocols and Formats (3GPP TS 26.532 version 17.0.0 Release 17)
87	ETSI TR 126 955 V17.0.0 (2022-07)	5G ; Video codec characteristics for 5G-based services and applications (3GPP TR 26.955 version 17.0.0 Release 17)
88	ETSI TS 128 104 V17.0.1 (2022-07)	5G; Management and orchestration; Management Data Analytics (MDA) (3GPP TS 28.104 version 17.0.1 Release 17)
89	ETSI TS 128 105 V17.0.0 (2022-07)	5G; Management and orchestration; Artificial Intelligence/ Machine Learning (AI/ML) management (3GPP TS 28.105 version 17.0.0 Release 17)
90	ETSI TS 128 312 V17.0.1 (2022-07)	LTE; 5G; Management and orchestration; Intent driven management services for mobile networks (3GPP TS 28.312 version 17.0.1 Release 17)
91	ETSI TS 128 313 V17.5.0 (2022-07)	5G; Management and orchestration; Self-Organizing Networks (SON) for 5G networks (3GPP TS 28.313 version 17.5.0 Release 17)

92	ETSI TS 128 404 V17.2.0 (2022-07)	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 17.2.0 Release 17)
93	ETSI TS 128 405 V17.2.0 (2022-07)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Quality of Experience (QoE) measurement collection; Control and configuration (3GPP TS 28.405 version 17.2.0 Release 17)
94	ETSI TS 128 531 V17.4.0 (2022-07)	5G; Management and orchestration; Provisioning (3GPP TS 28.531 version 17.4.0 Release 17)
95	ETSI TS 128 535 V17.5.0 (2022-07)	LTE; 5G; Management and orchestration; Management services for communication service assurance; Requirements (3GPP TS 28.535 version 17.5.0 Release 17)
96	ETSI TS 128 537 V17.3.0 (2022-07)	5G; Management and orchestration; Management capabilities (3GPP TS 28.537 version 17.3.0 Release 17)
97	ETSI TS 128 538 V17.1.0 (2022-07)	5G; Management and orchestration; Edge Computing Management (3GPP TS 28.538 version 17.1.0 Release 17)
98	ETSI TS 128 550 V16.9.0 (2022-07)	5G; Management and orchestration; Performance assurance (3GPP TS 28.550 version 16.9.0 Release 16)
99	ETSI TS 128 550 V17.1.0 (2022-07)	5G; Management and orchestration; Performance assurance (3GPP TS 28.550 version 17.1.0 Release 17)
100	ETSI TS 128 552 V16.14.1 (2022-07)	5G ; Management and orchestration; 5G performance measurements (3GPP TS 28.552 version 16.14.1 Release 16)
101	ETSI TS 128 552 V17.7.1 (2022-07)	5G ; Management and orchestration; 5G performance measurements (3GPP TS 28.552 version 17.7.1 Release 17)
102	ETSI TS 128 554 V16.10.0 (2022-07)	5G; Management and orchestration; 5G end to end Key Performance Indicators (KPI) (3GPP TS 28.554 version 16.10.0 Release 16)
103	ETSI TS 128 554 V17.7.0 (2022-07)	5G; Management and orchestration; 5G end to end Key Performance Indicators (KPI) (3GPP TS 28.554 version 17.7.0 Release 17)
104	ETSI TS 128 622 V17.2.0 (2022-07)	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 17.2.0 Release 17)
105	ETSI TS 128 658 V17.1.0 (2022-07)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) (3GPP TS 28.658 version 17.1.0 Release 17)
106	ETSI TS 128 659 V17.1.0 (2022-07)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.659 version 17.1.0 Release 17)
107	ETSI TS 129 256 V17.1.0 (2022-07)	5G ; Uncrewed Aerial Systems Network Function (UAS-NF); Aerial Management Services; Stage 3 (3GPP TS 29.256 version 17.1.0 Release 17)
108	ETSI TS 129 309 V17.1.0 (2022-07)	5G ; Bootstrapping Server Function (GBA BSF) Services (3GPP TS 29.309 version 17.1.0 Release 17)

109	ETSI TS 129 502 V16.12.0 (2022-07)	5G ; 5G System; Session Management Services; Stage 3 (3GPP TS 29.502 version 16.12.0 Release 16)
110	ETSI TS 129 502 V17.5.0 (2022-07)	5G ; 5G System; Session Management Services; Stage 3 (3GPP TS 29.502 version 17.5.0 Release 17)
111	ETSI TS 129 503 V17.7.0 (2022-07)	5G ; 5G System; Unified Data Management Services; Stage 3 (3GPP TS 29.503 version 17.7.0 Release 17)
112	ETSI TS 129 503 V16.12.0 (2022-07)	5G ; 5G System; Unified Data Management Services; Stage 3 (3GPP TS 29.503 version 16.12.0 Release 16)
113	ETSI TS 129 504 V17.7.0 (2022-07)	5G ; 5G System; Unified Data Repository Services; Stage 3 (3GPP TS 29.504 version 17.7.0 Release 17)
114	ETSI TS 129 505 V17.7.0 (2022-07)	5G ; 5G System; Usage of the Unified Data Repository services for Subscription Data; Stage 3 (3GPP TS 29.505 version 17.7.0 Release 17)
115	ETSI TS 129 509 V15.8.0 (2022-07)	5G ; 5G System; Authentication Server Services; Stage 3 (3GPP TS 29.509 version 15.8.0 Release 15)
116	ETSI TS 129 509 V16.10.0 (2022-07)	5G ; 5G System; Authentication Server Services; Stage 3 (3GPP TS 29.509 version 16.10.0 Release 16)
117	ETSI TS 129 510 V16.12.0 (2022-07)	5G ; 5G System; Network function repository services; Stage 3 (3GPP TS 29.510 version 16.12.0 Release 16)
118	ETSI TS 129 510 V17.6.0 (2022-07)	5G ; 5G System; Network function repository services; Stage 3 (3GPP TS 29.510 version 17.6.0 Release 17)
119	ETSI TS 129 511 V17.3.0 (2022-07)	5G ; 5G System; Equipment Identity Register Services; Stage 3 (3GPP TS 29.511 version 17.3.0 Release 17)
120	ETSI TS 129 515 V17.5.0 (2022-07)	5G ; 5G System; Gateway Mobile Location Services; Stage 3 (3GPP TS 29.515 version 17.5.0 Release 17)
121	ETSI TS 129 518 V16.12.0 (2022-07)	5G ; 5G System; Access and Mobility Management Services; Stage 3 (3GPP TS 29.518 version 16.12.0 Release 16)
122	ETSI TS 129 518 V17.6.0 (2022-07)	5G ; 5G System; Access and Mobility Management Services; Stage 3 (3GPP TS 29.518 version 17.6.0 Release 17)
123	ETSI TS 129 526 V17.5.0 (2022-07)	5G ; 5G System; Network Slice-Specific and SNPN Authentication and Authorization services; Stage 3 (3GPP TS 29.526 version 17.5.0 Release 17)
124	ETSI TS 129 531 V17.5.0 (2022-07)	5G ; 5G System; Network Slice Selection Services; Stage 3 (3GPP TS 29.531 version 17.5.0 Release 17)
125	ETSI TS 129 532 V17.1.0 (2022-07)	5G ; 5G System; 5G Multicast-Broadcast Session Management Services; Stage 3 (3GPP TS 29.532 version 17.1.0 Release 17)
126	ETSI TS 129 534 V17.1.0 (2022-07)	5G; 5G System; Access and Mobility Policy Authorization Service; Stage 3 (3GPP TS 29.534 version 17.1.0 Release 17)
127	ETSI TS 129 536 V17.1.0 (2022-07)	5G ; 5G System; Network Slice Admission Control Services; Stage 3 (3GPP TS 29.536 version 17.1.0 Release 17)
128	ETSI TS 129 538 V17.1.0 (2022-07)	5G; Enabling MSGin5G Service; Application Programming Interfaces (API) specification; Stage 3 (3GPP TS 29.538 version 17.1.0 Release 17)
129	ETSI TS 129 540 V17.5.0 (2022-07)	5G ; 5G System; SMS Services; Stage 3 (3GPP TS 29.540 version 17.5.0 Release 17)
130	ETSI TS 129 541 V17.3.0 (2022-07)	LTE ; 5G ; 5G System; Network Exposure (NE) function services for Non-IP Data Delivery (NIDD); Stage 3 (3GPP TS 29.541 version 17.3.0 Release 17)
131	ETSI TS 129 542 V17.4.0 (2022-07)	LTE ; 5G ; 5G System; Session management services for Non-IP Data Delivery (NIDD); Stage 3 (3GPP TS 29.542 version 17.4.0 Release 17)

132	ETSI TS 129 544 V17.3.0 (2022-07)	5G ; 5G System; Secured Packet Application Function (SP-AF) services; Stage 3 (3GPP TS 29.544 version 17.3.0 Release 17)
133	ETSI TS 129 549 V16.5.0 (2022-07)	LTE; 5G; Service Enabler Architecture Layer for Verticals (SEAL); Application Programming Interface (API) specification; Stage 3 (3GPP TS 29.549 version 16.5.0 Release 16)
134	ETSI TS 129 549 V17.5.0 (2022-07)	LTE; 5G; Service Enabler Architecture Layer for Verticals (SEAL); Application Programming Interface (API) specification; Stage 3 (3GPP TS 29.549 version 17.5.0 Release 17)
135	ETSI TS 129 550 V16.5.0 (2022-07)	5G ; 5G System; Steering of roaming application function services; Stage 3 (3GPP TS 29.550 version 16.5.0 Release 16)
136	ETSI TS 129 550 V17.4.0 (2022-07)	5G ; 5G System; Steering of roaming application function services; Stage 3 (3GPP TS 29.550 version 17.4.0 Release 17)
137	ETSI TS 129 551 V15.12.0 (2022-07)	5G; 5G System; Packet Flow Description Management Service; Stage 3 (3GPP TS 29.551 version 15.12.0 Release 15)
138	ETSI TS 129 551 V16.11.0 (2022-07)	5G; 5G System; Packet Flow Description Management Service; Stage 3 (3GPP TS 29.551 version 16.11.0 Release 16)
139	ETSI TS 129 551 V17.7.0 (2022-07)	5G; 5G System; Packet Flow Description Management Service; Stage 3 (3GPP TS 29.551 version 17.7.0 Release 17)
140	ETSI TS 129 552 V17.1.0 (2022-07)	5G; 5G System; Network Data Analytics signalling flows; Stage 3 (3GPP TS 29.552 version 17.1.0 Release 17)
141	ETSI TS 129 554 V17.4.0 (2022-07)	5G; 5G System; Background Data Transfer Policy Control Service; Stage 3 (3GPP TS 29.554 version 17.4.0 Release 17)
142	ETSI TS 129 555 V17.1.0 (2022-07)	5G ; 5G System; 5G Direct Discovery Name Management Services; Stage 3 (3GPP TS 29.555 version 17.1.0 Release 17)
143	ETSI TS 129 556 V17.1.0 (2022-07)	5G ; Edge Application Server Discovery Services; Stage 3 (3GPP TS 29.556 version 17.1.0 Release 17)
144	ETSI TS 129 557 V17.1.0 (2022-07)	5G; 5G System; Application Function ProSe Service; Stage 3 (3GPP TS 29.557 version 17.1.0 Release 17)
145	ETSI TS 129 558 V17.0.0 (2022-07)	5G; Enabling Edge Applications; Application Programming Interface (API) specification; Stage 3 (3GPP TS 29.558 version 17.0.0 Release 17)
146	ETSI TS 129 559 V17.0.0 (2022-07)	5G ; 5G System; 5G ProSe Key Management Services; Stage 3 (3GPP TS 29.559 version 17.0.0 Release 17)
147	ETSI TS 129 561 V17.6.0 (2022-07)	5G; 5G System; Interworking between 5G Network and external Data Networks; Stage 3 (3GPP TS 29.561 version 17.6.0 Release 17)
148	ETSI TS 129 562 V17.5.0 (2022-07)	5G ; 5G System; Home Subscriber Server (HSS) services; Stage 3 (3GPP TS 29.562 version 17.5.0 Release 17)
149	ETSI TS 129 563 V17.5.0 (2022-07)	5G ; 5G System; Home Subscriber Server (HSS) services for interworking with Unified Data Management (UDM); Stage 3 (3GPP TS 29.563 version 17.5.0 Release 17)
150	ETSI TS 129 564 V17.1.0 (2022-07)	5G ; 5G System; User Plane Function Services; Stage 3 (3GPP TS 29.564 version 17.1.0 Release 17)
151	ETSI TS 129 565 V17.0.0 (2022-07)	5G; 5G System; Time Sensitive Communication and Time Synchronization Function Services; Stage 3 (3GPP TS 29.565 version 17.0.0 Release 17)
152	ETSI TS 129 571 V15.7.0 (2022-07)	5G ; 5G System; Common Data Types for Service Based Interfaces; Stage 3 (3GPP TS 29.571 version 15.7.0 Release 15)
153	ETSI TS 129 571 V16.12.0 (2022-07)	5G ; 5G System; Common Data Types for Service Based Interfaces; Stage 3 (3GPP TS 29.571 version 16.12.0 Release 16)



154	ETSI TS 129 571 V17.6.0 (2022-07)	5G ; 5G System; Common Data Types for Service Based Interfaces; Stage 3 (3GPP TS 29.571 version 17.6.0 Release 17)
155	ETSI TS 129 572 V17.5.0 (2022-07)	5G ; 5G System; Location Management Services; Stage 3 (3GPP TS 29.572 version 17.5.0 Release 17)
156	ETSI TS 129 573 V16.10.0 (2022-07)	5G ; 5G System; Public Land Mobile Network (PLMN) Interconnection; Stage 3 (3GPP TS 29.573 version 16.10.0 Release 16)
157	ETSI TS 129 573 V17.5.0 (2022-07)	5G ; 5G System; Public Land Mobile Network (PLMN) Interconnection; Stage 3 (3GPP TS 29.573 version 17.5.0 Release 17)
158	ETSI TS 129 574 V17.1.0 (2022-07)	5G; 5G System; Data Collection Coordination Services; Stage 3 (3GPP TS 29.574 version 17.1.0 Release 17)
159	ETSI TS 129 575 V17.1.0 (2022-07)	5G; 5G System; Analytics Data Repository Services; Stage 3 (3GPP TS 29.575 version 17.1.0 Release 17)
160	ETSI TS 129 576 V17.1.0 (2022-07)	5G; 5G System; Messaging Framework Adaptor Services; Stage 3 (3GPP TS 29.576 version 17.1.0 Release 17)
161	ETSI TS 129 577 V17.0.0 (2022-07)	5G ; 5G System; IP Short Message Gateway and SMS Router For Short Message Services; Stage 3 (3GPP TS 29.577 version 17.0.0 Release 17)
162	ETSI TS 129 578 V17.0.0 (2022-07)	5G ; 5G System; Mobile Number Portability Services; Stage 3 (3GPP TS 29.578 version 17.0.0 Release 17)
163	ETSI TS 129 579 V17.0.0 (2022-07)	5G ; 5G System; Interworking MSC For Short Message Services; Stage 3 (3GPP TS 29.579 version 17.0.0 Release 17)
164	ETSI TS 129 581 V17.0.0 (2022-07)	5G ; 5G System; Multicast/Broadcast Service Transport Services; Stage 3 (3GPP TS 29.581 version 17.0.0 Release 17)
165	ETSI TS 129 591 V17.6.0 (2022-07)	5G; 5G System; Network Exposure Function Southbound Services; Stage 3 (3GPP TS 29.591 version 17.6.0 Release 17)
166	ETSI TS 129 594 V17.4.0 (2022-07)	5G; 5G System; Spending Limit Control Service; Stage 3 (3GPP TS 29.594 version 17.4.0 Release 17)
167	ETSI TS 129 598 V17.6.0 (2022-07)	5G ; Unstructured data storage services (3GPP TS 29.598 version 17.6.0 Release 17)
168	ETSI TS 129 673 V17.4.0 (2022-07)	LTE ; 5G ; 5G System; UE radio capability management services; Stage 3 (3GPP TS 29.673 version 17.4.0 Release 17)
169	ETSI TS 129 675 V17.6.0 (2022-07)	LTE; 5G; User Equipment (UE) radio capability provisioning service; Stage 3 (3GPP TS 29.675 version 17.6.0 Release 17)
170	ETSI TS 132 156 V16.6.0 (2022-07)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Fixed Mobile Convergence (FMC) model repertoire (3GPP TS 32.156 version 16.6.0 Release 16)
171	ETSI TS 132 156 V17.1.0 (2022-07)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Fixed Mobile Convergence (FMC) model repertoire (3GPP TS 32.156 version 17.1.0 Release 17)
172	ETSI TS 132 158 V16.6.0 (2022-07)	LTE ; 5G ; Management and orchestration; Design rules for REpresentational State Transfer (REST) Solution Sets (SS) (3GPP TS 32.158 version 16.6.0 Release 16)
173	ETSI TS 132 160 V17.4.0 (2022-07)	LTE; 5G; Management and orchestration; Management service template (3GPP TS 32.160 version 17.4.0 Release 17)

174	ETSI TS 132 240 V17.6.0 (2022-07)	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 17.6.0 Release 17)
175	ETSI TS 132 254 V16.5.0 (2022-07)	LTE; 5G; Telecommunication management; Charging management; Exposure function Northbound Application Program Interfaces (APIs) charging (3GPP TS 32.254 version 16.5.0 Release 16)
176	ETSI TS 132 254 V17.1.0 (2022-07)	LTE; 5G; Telecommunication management; Charging management; Exposure function Northbound Application Program Interfaces (APIs) charging (3GPP TS 32.254 version 17.1.0 Release 17)
177	ETSI TS 132 255 V16.12.0 (2022-07)	5G; Telecommunication management; Charging management; 5G data connectivity domain charging; Stage 2 (3GPP TS 32.255 version 16.12.0 Release 16)
178	ETSI TS 132 255 V17.6.0 (2022-07)	5G; Telecommunication management; Charging management; 5G data connectivity domain charging; Stage 2 (3GPP TS 32.255 version 17.6.0 Release 17)
179	ETSI TS 132 256 V17.1.0 (2022-07)	5G; Charging management; 5G connection and mobility domain charging; Stage 2 (3GPP TS 32.256 version 17.1.0 Release 17)
180	ETSI TS 132 257 V17.0.1 (2022-07)	5G ; Telecommunication management; Charging management; Edge computing domain charging (3GPP TS 32.257 version 17.0.1 Release 17)
181	ETSI TS 132 260 V17.3.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 17.3.0 Release 17)
182	ETSI TS 132 274 V15.4.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Short Message Service (SMS) charging (3GPP TS 32.274 version 15.4.0 Release 15)
183	ETSI TS 132 274 V16.4.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Short Message Service (SMS) charging (3GPP TS 32.274 version 16.4.0 Release 16)
184	ETSI TS 132 274 V17.1.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Short Message Service (SMS) charging (3GPP TS 32.274 version 17.1.0 Release 17)
185	ETSI TS 132 277 V17.2.0 (2022-07)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Proximity-based Services (ProSe) charging (3GPP TS 32.277 version 17.2.0 Release 17)

186	ETSI TS 132 290 V17.5.0 (2022-07)	5G; Telecommunication management; Charging management; 5G system; Services, operations and procedures of charging using Service Based Interface (SBI) (3GPP TS 32.290 version 17.5.0 Release 17)
187	ETSI TS 132 291 V16.12.0 (2022-07)	5G; Telecommunication management; Charging management; 5G system, charging service; Stage 3 (3GPP TS 32.291 version 16.12.0 Release 16)
188	ETSI TS 132 291 V17.3.0 (2022-07)	5G; Telecommunication management; Charging management; 5G system, charging service; Stage 3 (3GPP TS 32.291 version 17.3.0 Release 17)
189	ETSI TS 132 297 V17.1.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Charging Data Record (CDR) file format and transfer (3GPP TS 32.297 version 17.1.0 Release 17)
190	ETSI TS 132 298 V16.11.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 16.11.0 Release 16)
191	ETSI TS 132 298 V17.3.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 17.3.0 Release 17)
192	ETSI TS 132 406 V17.1.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Performance Management (PM); Performance measurements;
193	ETSI TS 132 422 V16.10.0 (2022-07)	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 16.10.0 Release 16)
194	ETSI TS 132 423 V16.6.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Subscriber and equipment trace; Trace data definition and management (3GPP TS 32.423 version 16.6.0 Release 16)
195	ETSI TS 132 423 V17.4.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Subscriber and equipment trace; Trace data definition and management (3GPP TS 32.423 version 17.4.0 Release 17)
196	ETSI TS 132 452 V17.1.0 (2022-07)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Performance Management (PM); Performance measurements Home Node B (HNB) Subsystem (HNS) (3GPP TS 32.452 version 17.1.0 Release 17)
197	ETSI TS 132 511 V17.1.0 (2022-07)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Automatic Neighbour Relation (ANR) management; Concepts and requirements (3GPP TS 32.511 version 17.1.0 Release 17)

198	ETSI TS 132 592 V17.1.0 (2022-07)	LTE ; Telecommunication management; Home enhanced Node B (HeNB) Operations, Administration, Maintenance and Provisioning (OAM&P); Information model for Type 1 interface HeNB to HeNB Management System (HeMS) (3GPP TS 32.592 version 17.1.0 Release 17)
199	ETSI TS 133 127 V16.11.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Lawful Interception (LI) architecture and functions (3GPP TS 33.127 version 16.11.0 Release 16)
200	ETSI TS 133 127 V17.5.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Lawful Interception (LI) architecture and functions (3GPP TS 33.127 version 17.5.0 Release 17)
201	ETSI TS 133 128 V15.9.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Security; Protocol and procedures for Lawful Interception (LI);
202	ETSI TS 133 128 V16.11.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Security; Protocol and procedures for Lawful Interception (LI);
203	ETSI TS 133 128 V17.5.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Security; Protocol and procedures for Lawful Interception (LI);
204	ETSI TS 133 220 V17.3.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Generic Authentication Architecture (GAA); Generic Bootstrapping Architecture (GBA) (3GPP TS 33.220 version 17.3.0 Release 17)
205	ETSI TS 133 222 V17.2.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Generic Authentication Architecture (GAA); Access to network application functions using Hypertext Transfer Protocol over Transport Layer Security (HTTPS) (3GPP TS 33.222 version 17.2.0 Release 17)
206	ETSI TS 133 256 V17.1.0 (2022-07)	5G; Security aspects of Uncrewed Aerial Systems (UAS) (3GPP TS 33.256 version 17.1.0 Release 17)
207	ETSI TS 133 310 V16.10.0 (2022-07)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Network Domain Security (NDS); Authentication Framework (AF) (3GPP TS 33.310 version 16.10.0 Release 16)
208	ETSI TS 133 310 V17.3.0 (2022-07)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Network Domain Security (NDS); Authentication Framework (AF) (3GPP TS 33.310 version 17.3.0 Release 17)
209	ETSI TS 133 401 V17.2.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 3GPP System Architecture Evolution (SAE); Security architecture (3GPP TS 33.401 version 17.2.0 Release 17)
210	ETSI TS 133 434 V17.2.0 (2022-07)	LTE; 5G; Security aspects of Service Enabler Architecture Layer (SEAL) for verticals (3GPP TS 33.434 version 17.2.0 Release 17)
211	ETSI TS 133 501 V15.16.0 (2022-07)	5G; Security architecture and procedures for 5G System (3GPP TS 33.501 version 15.16.0 Release 15)

212	ETSI TS 133 501 V16.11.0 (2022-07)	5G; Security architecture and procedures for 5G System (3GPP TS 33.501 version 16.11.0 Release 16)
213	ETSI TS 133 501 V17.6.0 (2022-07)	5G; Security architecture and procedures for 5G System (3GPP TS 33.501 version 17.6.0 Release 17)
214	ETSI TS 133 503 V17.0.1 (2022-07)	5G ; Security Aspects of Proximity based Services (ProSe) in the 5G System (5GS) (3GPP TS 33.503 version 17.0.1 Release 17)
215	ETSI TS 133 521 V17.2.0 (2022-07)	5G; 5G Security Assurance Specification (SCAS); Network Data Analytics Function (NWDAF) (3GPP TS 33.521 version 17.2.0 Release 17)
216	ETSI TS 133 535 V17.6.0 (2022-07)	5G; Authentication and Key Management for Applications (AKMA) based on 3GPP credentials in the 5G System (5GS) (3GPP TS 33.535 version 17.6.0 Release 17)
217	ETSI TS 133 536 V16.5.0 (2022-07)	LTE; 5G; Security aspects of 3GPP support for advanced Vehicle-to-Everything (V2X) services (3GPP TS 33.536 version 16.5.0 Release 16)
218	ETSI TS 133 536 V17.1.0 (2022-07)	LTE; 5G; Security aspects of 3GPP support for advanced Vehicle-to-Everything (V2X) services (3GPP TS 33.536 version 17.1.0 Release 17)
219	ETSI TS 133 558 V17.1.0 (2022-07)	5G; Security aspects of enhancement of support for enabling edge applications (3GPP TS 33.558 version 17.1.0 Release 17)
220	ETSI TR 133 926 V16.5.0 (2022-07)	LTE; 5G; Security Assurance Specification (SCAS) threats and critical assets in 3GPP network product classes (3GPP TR 33.926 version 16.5.0 Release 16)
221	ETSI TR 133 926 V17.4.0 (2022-07)	LTE; 5G; Security Assurance Specification (SCAS) threats and critical assets in 3GPP network product classes (3GPP TR 33.926 version 17.4.0 Release 17)
222	ETSI TR 133 969 V17.1.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Study on security aspects of Public Warning System (PWS) (3GPP TR 33.969 version 17.1.0 Release 17)
223	ETSI TS 134 123-1 V15.6.0 (2022-07)	Universal Mobile Telecommunications System (UMTS); User Equipment (UE) conformance specification; Part 1: Protocol conformance specification (3GPP TS 34.123-1 version 15.6.0 Release 15)
224	ETSI TS 134 123-3 V16.3.0 (2022-07)	Universal Mobile Telecommunications System (UMTS); User Equipment (UE) conformance specification; Part 3: Abstract test suite (ATS) (3GPP TS 34.123-3 version 16.3.0 Release 16)
225	ETSI TS 138 133 V15.18.0 (2022-07)	5G ; NR; Requirements for support of radio resource management (3GPP TS 38.133 version 15.18.0 Release 15)
226	ETSI TS 138 133 V16.12.0 (2022-07)	5G ; NR; Requirements for support of radio resource management (3GPP TS 38.133 version 16.12.0 Release 16)
227	ETSI GS NFV-SOL 004 V4.3.1 (2022-07)	Network Functions Virtualisation (NFV) Release 4; Protocols and Data Models; VNF Package and PNFD Archive specification
228	ETSI TS 100 392-12-16 V1.3.1 (2022-07)	Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 12: Supplementary services stage 3; Sub-part 16: Pre-emptive Priority Call (PPC)
229	ETSI TS 103 325 V1.2.1 (2022-07)	Smart Body Area Network (SmartBAN); Low Complexity Medium Access Control (MAC) for SmartBAN
230	ETSI TR 121 916 V16.2.0 (2022-07)	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 16.2.0 Release 16)

231	ETSI TS 123 003 V17.6.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM) ; Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Numbering, addressing and identification (3GPP TS 23.003 version 17.6.0 Release 17)
232	ETSI TS 123 334 V17.2.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM) ; Universal Mobile Telecommunications System(UMTS) ; LTE ; IP Multimedia Subsystem (IMS) Application Level Gateway (IMS-ALG) - IMS Access Gateway (IMS-AGW) interface: Procedures descriptions (3GPP TS 23.334 version 17.2.0 Release 17)
233	ETSI TS 123 527 V16.7.0 (2022-07)	5G ; 5G System; Restoration procedures (3GPP TS 23.527 version 16.7.0 Release 16)
234	ETSI TS 123 527 V17.4.1 (2022-07)	5G ; 5G System; Restoration procedures (3GPP TS 23.527 version 17.4.1 Release 17)
235	ETSI TS 123 540 V17.0.0 (2022-07)	5G ; 5G System: Technical realization of Service Based Short Message Service; Stage 2 (3GPP TS 23.540 version 17.0.0 Release 17)
236	ETSI TS 123 632 V16.6.0 (2022-07)	LTE ; 5G ; User data interworking, coexistence and migration; Stage 2 (3GPP TS 23.632 version 16.6.0 Release 16)
237	ETSI TS 123 632 V17.2.0 (2022-07)	LTE ; 5G ; User data interworking, coexistence and migration; Stage 2 (3GPP TS 23.632 version 17.2.0 Release 17)
238	ETSI TS 124 301 V17.7.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS); Stage 3 (3GPP TS 24.301 version 17.7.0 Release 17)
239	ETSI TS 125 402 V17.1.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; Synchronisation in UTRAN Stage 2 (3GPP TS 25.402 version 17.1.0 Release 17)
240	ETSI TS 125 467 V17.1.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; UTRAN architecture for 3G Home Node B (HNB); Stage 2 (3GPP TS 25.467 version 17.1.0 Release 17)
241	ETSI TS 125 484 V17.1.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; Automatic Neighbour Relation (ANR) for UTRAN; Stage 2 (3GPP TS 25.484 version 17.1.0 Release 17)
242	ETSI TS 128 532 V16.11.1 (2022-07)	5G ; Management and orchestration; Generic management services (3GPP TS 28.532 version 16.11.1 Release 16)
243	ETSI TS 128 532 V17.1.1 (2022-07)	5G ; Management and orchestration; Generic management services (3GPP TS 28.532 version 17.1.1 Release 17)
244	ETSI TS 128 622 V16.12.1 (2022-07)	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 16.12.1 Release 16)
245	ETSI TS 128 623 V16.11.2 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Telecommunication management; Generic Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.623 version 16.11.2 Release 16)
246	ETSI TS 128 623 V17.2.2 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Telecommunication management; Generic Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.623 version 17.2.2 Release 17)

247	ETSI TS 129 002 V17.2.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM) ; Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Mobile Application Part (MAP) specification (3GPP TS 29.002 version 17.2.0 Release 17)
248	ETSI TS 129 060 V15.6.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM) ; Universal Mobile Telecommunications System(UMTS) ; General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface (3GPP TS 29.060 version 15.6.0 Release 15)
249	ETSI TS 129 060 V16.1.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM) ; Universal Mobile Telecommunications System(UMTS) ; General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface (3GPP TS 29.060 version 16.1.0 Release 16)
250	ETSI TS 129 060 V17.3.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM) ; Universal Mobile Telecommunications System(UMTS) ; General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface (3GPP TS 29.060 version 17.3.0 Release 17)
251	ETSI TS 129 229 V17.2.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM) ; Universal Mobile Telecommunications System(UMTS) ; LTE ; Cx and Dx interfaces based on the Diameter protocol; Protocol details (3GPP TS 29.229 version 17.2.0 Release 17)
252	ETSI TS 129 244 V16.10.0 (2022-07)	LTE ; 5G ; Interface between the Control Plane and the User Plane nodes (3GPP TS 29.244 version 16.10.0 Release 16)
253	ETSI TS 129 244 V17.5.0 (2022-07)	LTE ; 5G ; Interface between the Control Plane and the User Plane nodes (3GPP TS 29.244 version 17.5.0 Release 17)
254	ETSI TS 129 272 V16.7.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Evolved Packet System (EPS); Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) related interfaces based on Diameter protocol (3GPP TS 29.272 version 16.7.0 Release 16)
255	ETSI TS 129 272 V17.3.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Evolved Packet System (EPS); Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) related interfaces based on Diameter protocol (3GPP TS 29.272 version 17.3.0 Release 17)
256	ETSI TS 129 273 V17.3.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Evolved Packet System (EPS); 3GPP EPS AAA interfaces (3GPP TS 29.273 version 17.3.0 Release 17)
257	ETSI TS 129 274 V17.6.0 (2022-07)	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 17.6.0 Release 17)
258	ETSI TS 129 281 V17.3.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; General Packet Radio System (GPRS) Tunnelling Protocol User Plane (GTPv1-U) (3GPP TS 29.281 version 17.3.0 Release 17)

259	ETSI TS 129 334 V17.2.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM) ; Universal Mobile Telecommunications System(UMTS) ; LTE ; IMS Application Level Gateway (IMS-ALG) – IMS Access Gateway (IMS-AGW); Iq Interface; Stage 3 (3GPP TS 29.334 version 17.2.0 Release 17)
260	ETSI TS 129 338 V17.1.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Diameter based protocols to support Short Message Service (SMS) capable Mobile Management Entities (MMEs) (3GPP TS 29.338 version 17.1.0 Release 17)
261	ETSI TS 129 413 V16.4.0 (2022-07)	5G ; Application of the NG Application Protocol (NGAP) to non-3GPP access (3GPP TS 29.413 version 16.4.0 Release 16)
262	ETSI TS 129 413 V17.1.0 (2022-07)	5G ; Application of the NG Application Protocol (NGAP) to non-3GPP access (3GPP TS 29.413 version 17.1.0 Release 17)
263	ETSI TS 129 500 V17.7.0 (2022-07)	5G ; 5G System; Technical Realization of Service Based Architecture; Stage 3 (3GPP TS 29.500 version 17.7.0 Release 17)
264	ETSI TS 129 501 V17.6.0 (2022-07)	5G ; 5G System; Principles and Guidelines for Services Definition; Stage 3 (3GPP TS 29.501 version 17.6.0 Release 17)
265	ETSI TS 129 509 V17.5.0 (2022-07)	5G; 5G System; Authentication Server Services; Stage 3 (3GPP TS 29.509 version 17.5.0 Release 17)
266	ETSI TS 129 509 V17.6.0 (2022-07)	5G ; 5G System; Authentication Server Services; Stage 3 (3GPP TS 29.509 version 17.6.0 Release 17)
267	ETSI TS 129 641 V17.1.0 (2022-07)	5G ; 3GPP Registry for Service Names and Port Numbers (3GPP TS 29.641 version 17.1.0 Release 17)
268	ETSI TR 129 941 V17.2.0 (2022-07)	5G ; Guidelines on Port Allocation for New 3GPP Interfaces (3GPP TR 29.941 version 17.2.0 Release 17)
269	ETSI TS 131 101 V17.1.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; UICC-terminal interface; Physical and logical characteristics (3GPP TS 31.101 version 17.1.0 Release 17)
270	ETSI TS 131 111 V17.4.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM) ; Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 17.4.0 Release 17)
271	ETSI TS 131 122 V17.1.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; Universal Subscriber Identity Module (USIM) conformance test specification (3GPP TS 31.122 version 17.1.0 Release 17)
272	ETSI TS 132 158 V17.1.0 (2022-07)	LTE ; 5G ; Management and orchestration; Design rules for REpresentational State Transfer (REST) Solution Sets (SS) (3GPP TS 32.158 version 17.1.0 Release 17)
273	ETSI TS 132 422 V17.7.1 (2022-07)	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 17.7.1 Release 17)
274	ETSI TS 134 124 V17.1.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 34.124 version 17.1.0 Release 17)
275	ETSI TS 136 104 V17.6.0 (2022-07)	LTE ; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 17.6.0 Release 17)



276	ETSI TS 136 124 V13.2.0 (2022-07)	LTE ; Evolved Universal Terrestrial Radio Access (E-UTRA); Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 36.124 version 13.2.0 Release 13)
277	ETSI TS 136 124 V14.2.0 (2022-07)	LTE ; Evolved Universal Terrestrial Radio Access (E-UTRA); Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 36.124 version 14.2.0 Release 14)
278	ETSI TS 136 124 V15.4.0 (2022-07)	LTE ; Evolved Universal Terrestrial Radio Access (E-UTRA); Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 36.124 version 15.4.0 Release 15)
279	ETSI TS 136 124 V16.3.0 (2022-07)	LTE ; Evolved Universal Terrestrial Radio Access (E-UTRA); Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 36.124 version 16.3.0 Release 16)
280	ETSI TS 136 124 V17.1.0 (2022-07)	LTE ; Evolved Universal Terrestrial Radio Access (E-UTRA); Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 36.124 version 17.1.0 Release 17)
281	ETSI TS 136 141 V16.14.0 (2022-07)	LTE ; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 16.14.0 Release 16)
282	ETSI TS 136 141 V17.6.0 (2022-07)	LTE ; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 17.6.0 Release 17)
283	ETSI TS 136 171 V16.5.0 (2022-07)	LTE ; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for Support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 36.171 version 16.5.0 Release 16)
284	ETSI TS 136 171 V17.1.0 (2022-07)	LTE ; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for Support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 36.171 version 17.1.0 Release 17)
285	ETSI TS 136 307 V13.15.0 (2022-07)	LTE ; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 13.15.0 Release 13)
286	ETSI TS 136 307 V14.12.0 (2022-07)	LTE ; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 14.12.0 Release 14)
287	ETSI TS 136 307 V15.9.0 (2022-07)	LTE ; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 15.9.0 Release 15)
288	ETSI TS 136 307 V16.5.0 (2022-07)	LTE ; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 16.5.0 Release 16)

289	ETSI TS 136 307 V17.1.0 (2022-07)	LTE ; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 17.1.0 Release 17)
290	ETSI TS 136 401 V17.1.0 (2022-07)	LTE ; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Architecture description (3GPP TS 36.401 version 17.1.0 Release 17)
291	ETSI TS 136 413 V16.10.0 (2022-07)	LTE ; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 Application Protocol (S1AP) (3GPP TS 36.413 version 16.10.0 Release 16)
292	ETSI TS 136 413 V17.1.0 (2022-07)	LTE ; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 Application Protocol (S1AP) (3GPP TS 36.413 version 17.1.0 Release 17)
293	ETSI TS 136 423 V16.10.1 (2022-07)	LTE ; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 Application Protocol (X2AP) (3GPP TS 36.423 version 16.10.1 Release 16)
294	ETSI TS 136 423 V17.1.0 (2022-07)	LTE ; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 Application Protocol (X2AP) (3GPP TS 36.423 version 17.1.0 Release 17)
295	ETSI TS 137 104 V15.17.0 (2022-07)	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 15.17.0 Release 15)
296	ETSI TS 137 104 V16.14.0 (2022-07)	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 16.14.0 Release 16)
297	ETSI TS 137 104 V17.6.0 (2022-07)	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 17.6.0 Release 17)
298	ETSI TS 137 105 V15.17.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 15.17.0 Release 15)
299	ETSI TS 137 105 V16.12.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 16.12.0 Release 16)
300	ETSI TS 137 105 V17.6.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 17.6.0 Release 17)
301	ETSI TS 137 141 V15.18.0 (2022-07)	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) conformance testing (3GPP TS 37.141 version 15.18.0 Release 15)

302	ETSI TS 137 141 V17.6.0 (2022-07)	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) conformance testing (3GPP TS 37.141 version 17.6.0 Release 17)
303	ETSI TS 137 145-1 V15.14.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Active Antenna System (AAS) Base Station (BS) conformance testing; Part 1: conducted conformance testing (3GPP TS 37.145-1 version 15.14.0 Release 15)
304	ETSI TS 137 145-1 V16.11.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Active Antenna System (AAS) Base Station (BS) conformance testing; Part 1: conducted conformance testing (3GPP TS 37.145-1 version 16.11.0 Release 16)
305	ETSI TS 137 145-1 V17.6.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Active Antenna System (AAS) Base Station (BS) conformance testing; Part 1: conducted conformance testing (3GPP TS 37.145-1 version 17.6.0 Release 17)
306	ETSI TS 137 145-2 V15.15.0 (2022-07)	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 15.15.0 Release 15)
307	ETSI TS 137 145-2 V16.12.0 (2022-07)	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 16.12.0 Release 16)
308	ETSI TS 137 145-2 V17.6.0 (2022-07)	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 17.6.0 Release 17)
309	ETSI TS 137 213 V16.9.0 (2022-07)	LTE ; 5G ; Physical layer procedures for shared spectrum channel access (3GPP TS 37.213 version 16.9.0 Release 16)
310	ETSI TS 137 213 V17.2.0 (2022-07)	LTE ; 5G ; Physical layer procedures for shared spectrum channel access (3GPP TS 37.213 version 17.2.0 Release 17)
311	ETSI TS 137 461 V15.5.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Iuant interface: Layer 1 (3GPP TS 37.461 version 15.5.0 Release 15)
312	ETSI TS 137 461 V16.1.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Iuant interface: Layer 1 (3GPP TS 37.461 version 16.1.0 Release 16)
313	ETSI TS 137 461 V17.1.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Iuant interface: Layer 1 (3GPP TS 37.461 version 17.1.0 Release 17)
314	ETSI TS 137 473 V16.9.0 (2022-07)	LTE ; 5G ; W1 interface; Application Protocol (W1AP) (3GPP TS 37.473 version 16.9.0 Release 16)
315	ETSI TS 137 473 V17.1.0 (2022-07)	LTE ; 5G ; W1 interface; Application Protocol (W1AP) (3GPP TS 37.473 version 17.1.0 Release 17)
316	ETSI TS 137 480 V17.1.0 (2022-07)	5G ; E1 general aspects and principles (3GPP TS 37.480 version 17.1.0 Release 17)
317	ETSI TS 137 482 V17.1.0 (2022-07)	5G ; E1 signalling transport (3GPP TS 37.482 version 17.1.0 Release 17)
318	ETSI TS 137 483 V17.1.0 (2022-07)	5G ; E1 Application Protocol (E1AP) (3GPP TS 37.483 version 17.1.0 Release 17)

319	ETSI TS 138 101-5 V17.0.0 (2022-07)	5G ; NR; User Equipment (UE) radio transmission and reception; Part 5: Satellite access Radio Frequency (RF) and performance requirements (3GPP TS 38.101-5 version 17.0.0 Release 17)
320	ETSI TS 138 108 V17.0.0 (2022-07)	5G ; NR; Satellite Node radio transmission and reception (3GPP TS 38.108 version 17.0.0 Release 17)
321	ETSI TS 138 202 V17.2.0 (2022-07)	5G ; NR; Services provided by the physical layer (3GPP TS 38.202 version 17.2.0 Release 17)
322	ETSI TS 138 211 V16.10.0 (2022-07)	5G ; NR; Physical channels and modulation (3GPP TS 38.211 version 16.10.0 Release 16)
323	ETSI TS 138 211 V17.2.0 (2022-07)	5G ; NR; Physical channels and modulation (3GPP TS 38.211 version 17.2.0 Release 17)
324	ETSI TS 138 212 V16.10.0 (2022-07)	5G ; NR; Multiplexing and channel coding (3GPP TS 38.212 version 16.10.0 Release 16)
325	ETSI TS 138 212 V17.2.0 (2022-07)	5G ; NR; Multiplexing and channel coding (3GPP TS 38.212 version 17.2.0 Release 17)
326	ETSI TS 138 213 V15.15.0 (2022-07)	5G ; NR; Physical layer procedures for control (3GPP TS 38.213 version 15.15.0 Release 15)
327	ETSI TS 138 213 V16.10.0 (2022-07)	5G ; NR; Physical layer procedures for control (3GPP TS 38.213 version 16.10.0 Release 16)
328	ETSI TS 138 213 V17.2.0 (2022-07)	5G ; NR; Physical layer procedures for control (3GPP TS 38.213 version 17.2.0 Release 17)
329	ETSI TS 138 214 V16.10.0 (2022-07)	5G ; NR; Physical layer procedures for data (3GPP TS 38.214 version 16.10.0 Release 16)
330	ETSI TS 138 214 V17.2.0 (2022-07)	5G ; NR; Physical layer procedures for data (3GPP TS 38.214 version 17.2.0 Release 17)
331	ETSI TS 138 410 V17.1.0 (2022-07)	5G ; NG-RAN; NG general aspects and principles (3GPP TS 38.410 version 17.1.0 Release 17)
332	ETSI TS 138 413 V16.10.0 (2022-07)	5G ; NG-RAN; NG Application Protocol (NGAP) (3GPP TS 38.413 version 16.10.0 Release 16)
333	ETSI TS 138 420 V17.1.0 (2022-07)	5G ; NG-RAN; Xn general aspects and principles (3GPP TS 38.420 version 17.1.0 Release 17)
334	ETSI TS 138 423 V16.10.0 (2022-07)	5G ; NG-RAN; Xn Application Protocol (XnAP) (3GPP TS 38.423 version 16.10.0 Release 16)
335	ETSI TS 138 423 V17.1.0 (2022-07)	5G ; NG-RAN; Xn Application Protocol (XnAP) (3GPP TS 38.423 version 17.1.0 Release 17)
336	ETSI TS 138 463 V16.10.0 (2022-07)	5G ; NG-RAN; E1 Application Protocol (E1AP) (3GPP TS 38.463 version 16.10.0 Release 16)
337	ETSI TS 138 470 V16.7.0 (2022-07)	5G ; NG-RAN; F1 general aspects and principles (3GPP TS 38.470 version 16.7.0 Release 16)
338	ETSI TS 138 470 V17.1.0 (2022-07)	5G ; NG-RAN; F1 general aspects and principles (3GPP TS 38.470 version 17.1.0 Release 17)
339	ETSI TS 138 473 V16.10.0 (2022-07)	5G ; NG-RAN; F1 Application Protocol (F1AP) (3GPP TS 38.473 version 16.10.0 Release 16)
340	ETSI TS 138 473 V17.1.0 (2022-07)	5G ; NG-RAN; F1 Application Protocol (F1AP) (3GPP TS 38.473 version 17.1.0 Release 17)
341	ETSI GS NFV-SOL 003 V4.3.1 (2022-07)	Network Functions Virtualisation (NFV) Release 4; Protocols and Data Models; RESTful protocols specification for the Or-Vnfm Reference Point
342	ETSI GS NFV-SOL 014 V4.3.1 (2022-07)	Network Functions Virtualisation (NFV) Release 4; Protocols and Data Models; YAML data model specification for descriptor-based virtualised resource management

343	ETSI TS 103 836-3 V2.0.0 (2022-07)	Intelligent Transport Systems (ITS); Vehicular Communications; GeoNetworking; Part 3: Network Architecture; Release 2
344	ETSI TS 103 898 V2.0.0 (2022-07)	Intelligent Transport Systems (ITS); Communications Architecture; Release 2
345	ETSI TS 103 899 V2.0.0 (2022-07)	Intelligent Transport Systems (ITS); Vehicular Communications; Geographical Area Definition; Release 2
346	ETSI TS 103 900 V2.0.0 (2022-07)	Intelligent Transport Systems (ITS); Vehicular Communications; Basic Set of Applications; Specification of Cooperative Awareness Basic Service; Release 2
347	ETSI TS 123 122 V17.7.1 (2022-07)	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 17.7.1 Release 17)
348	ETSI TS 124 007 V17.4.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM) ; Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Mobile radio interface signalling layer 3; General Aspects (3GPP TS 24.007 version 17.4.0 Release 17)
349	ETSI TS 124 193 V17.5.0 (2022-07)	5G ; 5G System; Access Traffic Steering, Switching and Splitting (ATSSS); Stage 3 (3GPP TS 24.193 version 17.5.0 Release 17)
350	ETSI TS 124 237 V17.2.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; IP Multimedia (IM) Core Network (CN) subsystem IP Multimedia Subsystem (IMS) service continuity; Stage 3 (3GPP TS 24.237 version 17.2.0 Release 17)
351	ETSI TS 124 257 V17.1.0 (2022-07)	5G ; Uncrewed Aerial System (UAS) Application Enabler (UAE) layer; Protocol aspects; Stage 3 (3GPP TS 24.257 version 17.1.0 Release 17)
352	ETSI TS 124 282 V17.7.0 (2022-07)	LTE ; Mission Critical Data (MCData) signalling control; Protocol specification (3GPP TS 24.282 version 17.7.0 Release 17)
353	ETSI TS 124 302 V17.5.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Access to the 3GPP Evolved Packet Core (EPC) via non-3GPP access networks; Stage 3 (3GPP TS 24.302 version 17.5.0 Release 17)
354	ETSI TS 124 323 V17.1.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; 3GPP IP Multimedia Subsystem (IMS) service level tracing Management Object (MO) (3GPP TS 24.323 version 17.1.0 Release 17)
355	ETSI TS 124 368 V17.3.0 (2022-07)	Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; Non-Access Stratum (NAS) configuration Management Object (MO) (3GPP TS 24.368 version 17.3.0 Release 17)
356	ETSI TS 124 417 V17.1.0 (2022-07)	LTE ; 5G ; Management Object (MO) for Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) using IP Multimedia (IM) Core Network (CN) subsystem (3GPP TS 24.417 version 17.1.0 Release 17)
357	ETSI TS 124 484 V14.13.0 (2022-07)	LTE ; Mission Critical Services (MCS) configuration management; Protocol specification (3GPP TS 24.484 version 14.13.0 Release 14)
358	ETSI TS 124 484 V15.12.0 (2022-07)	LTE ; Mission Critical Services (MCS) configuration management; Protocol specification (3GPP TS 24.484 version 15.12.0 Release 15)

359	ETSI TS 124 484 V16.12.0 (2022-07)	LTE ; Mission Critical Services (MCS) configuration management; Protocol specification (3GPP TS 24.484 version 16.12.0 Release 16)
360	ETSI TS 124 484 V17.6.0 (2022-07)	LTE ; Mission Critical Services (MCS) configuration management; Protocol specification (3GPP TS 24.484 version 17.6.0 Release 17)
361	ETSI TS 124 486 V17.4.0 (2022-07)	LTE ; 5G ; Vehicle-to-Everything (V2X) Application Enabler (VAE) layer; Protocol aspects; Stage 3 (3GPP TS 24.486 version 17.4.0 Release 17)
362	ETSI TS 124 502 V16.9.0 (2022-07)	5G ; Access to the 3GPP 5G Core Network (5GCN) via non-3GPP access networks (3GPP TS 24.502 version 16.9.0 Release 16)
363	ETSI TS 124 502 V17.6.0 (2022-07)	5G ; Access to the 3GPP 5G Core Network (5GCN) via non-3GPP access networks (3GPP TS 24.502 version 17.6.0 Release 17)
364	ETSI TS 124 519 V16.6.0 (2022-07)	5G ; 5G System (5GS); Time-Sensitive Networking (TSN) Application Function (AF) to Device-Side TSN Translator (DS-TT) and Network-Side TSN Translator (NW-TT) protocol aspects; Stage 3 (3GPP TS 24.519 version 16.6.0 Release 16)
365	ETSI TS 124 526 V16.8.0 (2022-07)	5G ; User Equipment (UE) policies for 5G System (5GS); Stage 3 (3GPP TS 24.526 version 16.8.0 Release 16)
366	ETSI TS 124 526 V17.7.0 (2022-07)	5G ; User Equipment (UE) policies for 5G System (5GS); Stage 3 (3GPP TS 24.526 version 17.7.0 Release 17)
367	ETSI TS 124 538 V17.0.0 (2022-07)	5G ; Enabling MSGin5G Service; Protocol specification (3GPP TS 24.538 version 17.0.0 Release 17)
368	ETSI TS 124 539 V17.5.0 (2022-07)	5G ; 5G System (5GS); Network to TSN translator (TT) protocol aspects; Stage 3 (3GPP TS 24.539 version 17.5.0 Release 17)
369	ETSI TS 124 544 V17.3.0 (2022-07)	5G ; Group Management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification (3GPP TS 24.544 version 17.3.0 Release 17)
370	ETSI TS 124 545 V16.5.0 (2022-07)	5G ; Location Management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification (3GPP TS 24.545 version 16.5.0 Release 16)
371	ETSI TS 124 545 V17.3.0 (2022-07)	5G ; Location Management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification (3GPP TS 24.545 version 17.3.0 Release 17)
372	ETSI TS 124 546 V17.2.0 (2022-07)	5G; Configuration management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification (3GPP TS 24.546 version 17.2.0 Release 17)
373	ETSI TS 124 546 V17.3.0 (2022-07)	5G ; Configuration management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification (3GPP TS 24.546 version 17.3.0 Release 17)
374	ETSI TS 124 547 V17.2.0 (2022-07)	5G ; Identity management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification (3GPP TS 24.547 version 17.2.0 Release 17)
375	ETSI TS 124 548 V17.1.0 (2022-07)	5G ; Network Resource Management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification (3GPP TS 24.548 version 17.1.0 Release 17)
376	ETSI TS 124 549 V17.1.0 (2022-07)	5G ; Network slice capability enablement- Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification; Stage 3 (3GPP TS 24.549 version 17.1.0 Release 17)

377	ETSI GS NFV-SOL 002 V4.3.1 (2022-07)	Network Functions Virtualisation (NFV) Release 4; Protocols and Data Models; RESTful protocols specification for the Ve-Vnfm Reference Point
378	ETSI GS NFV-SOL 009 V4.3.1 (2022-07)	Network Functions Virtualisation (NFV) Release 4; Protocols and Data Models; RESTful protocols specification for the management of NFV-MANO
379	ETSI GR IPE 009 V1.1.1 (2022-07)	IPv6 Enhanced innovation (IPE); SRv6 based SFC for Value-Added Service in an Operator Network
380	ETSI GR IPE 010 V1.1.1 (2022-07)	IPv6 Enhanced innovation (IPE); Proof of Concepts Framework
381	ETSI TS 102 222 V16.0.0 (2022-07)	Integrated Circuit Cards (ICC); Administrative commands for telecommunications applications (Release 16)
382	ETSI TS 102 222 V17.0.0 (2022-07)	Integrated Circuit Cards (ICC); Administrative commands for telecommunications applications (Release 17)
383	ETSI TS 102 223 V17.1.0 (2022-07)	Smart Cards; Card Application Toolkit (CAT) (Release 17)
384	ETSI TS 124 229 V17.7.0 (2022-07)	Digital cellular telecommunications system (Phase 2+) (GSM) ; Universal Mobile Telecommunications System(UMTS) ; LTE ; 5G ; IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 (3GPP TS 24.229 version 17.7.0 Release 17)
385	ETSI TS 124 281 V14.14.0 (2022-07)	LTE ; Mission Critical Video (MCVideo) signalling control; Protocol specification (3GPP TS 24.281 version 14.14.0 Release 14)
386	ETSI TS 124 281 V15.13.0 (2022-07)	LTE ; Mission Critical Video (MCVideo) signalling control; Protocol specification (3GPP TS 24.281 version 15.13.0 Release 15)
387	ETSI TS 124 281 V16.9.0 (2022-07)	LTE ; Mission Critical Video (MCVideo) signalling control; Protocol specification (3GPP TS 24.281 version 16.9.0 Release 16)
388	ETSI TS 124 281 V17.7.0 (2022-07)	LTE ; Mission Critical Video (MCVideo) signalling control; Protocol specification (3GPP TS 24.281 version 17.7.0 Release 17)
389	ETSI TS 124 379 V14.15.0 (2022-07)	LTE ; Mission Critical Push To Talk (MCPTT) call control; Protocol specification (3GPP TS 24.379 version 14.15.0 Release 14)
390	ETSI TS 124 379 V15.14.0 (2022-07)	LTE ; Mission Critical Push To Talk (MCPTT) call control; Protocol specification (3GPP TS 24.379 version 15.14.0 Release 15)
391	ETSI TS 124 379 V16.12.0 (2022-07)	LTE ; Mission Critical Push To Talk (MCPTT) call control; Protocol specification (3GPP TS 24.379 version 16.12.0 Release 16)
392	ETSI TS 124 379 V17.7.0 (2022-07)	LTE ; Mission Critical Push To Talk (MCPTT) call control; Protocol specification (3GPP TS 24.379 version 17.7.0 Release 17)
393	ETSI TS 124 481 V17.5.0 (2022-07)	LTE ; Mission Critical Services (MCS) group management; Protocol specification (3GPP TS 24.481 version 17.5.0 Release 17)
394	ETSI TS 124 501 V16.12.0 (2022-07)	5G ; Non-Access-Stratum (NAS) protocol for 5G System (5GS); Stage 3 (3GPP TS 24.501 version 16.12.0 Release 16)
395	ETSI TS 124 501 V17.6.1 (2022-07)	5G; Non-Access-Stratum (NAS) protocol for 5G System (5GS); Stage 3 (3GPP TS 24.501 version 17.6.1 Release 17)
396	ETSI TS 124 501 V17.7.1 (2022-07)	5G ; Non-Access-Stratum (NAS) protocol for 5G System (5GS); Stage 3 (3GPP TS 24.501 version 17.7.1 Release 17)

397	ETSI TS 124 501 V15.7.0 (2022-07)	5G ; Non-Access-Stratum (NAS) protocol for 5G System (5GS); Stage 3 (3GPP TS 24.501 version 15.7.0 Release 15)
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