

Nr.	Standard reference	English title
1	ETSI EN 319 122-1 V1.1.1 (2016-04)	Electronic Signatures and Infrastructures (ESI); CAAdES digital signatures; Part 1: Building blocks and CAAdES baseline signatures
2	ETSI EN 319 122-2 V1.1.1 (2016-04)	Electronic Signatures and Infrastructures (ESI); CAAdES digital signatures; Part 2: Extended CAAdES signatures
3	ETSI TS 102 034 V2.1.1 (2016-04)	Digital Video Broadcasting (DVB); Transport of MPEG-2 TS Based DVB Services over IP Based Networks
4	ETSI TS 102 824 V2.1.1 (2016-04)	Digital Video Broadcasting (DVB); Remote Management and Firmware Update System for DVB IPTV Services (Phase 2)
5	ETSI TS 102 826 V2.1.1 (2016-04)	Digital Video Broadcasting (DVB); DVB-IPTV Profiles for TS 102 034
6	ETSI TS 102 905 V2.1.1 (2016-04)	Digital Video Broadcasting (DVB); Technical Specification for DVB Services in the Home Network Phase 1
7	ETSI TS 102 542-1 V2.1.1 (2016-04)	Digital Video Broadcasting (DVB); Guidelines for the implementation of DVB-IPTV Phase 1 specifications; Part 1: Core IPTV Functions
8	ETSI TS 102 542-2 V2.1.1 (2016-04)	Digital Video Broadcasting (DVB); Guidelines for the implementation of DVB-IPTV Phase 1 specifications; Part 2: Broadband Content Guide (BCG) and Content on Demand
9	ETSI TS 102 542-3-1 V2.1.1 (2016-04)	Digital Video Broadcasting (DVB); Guidelines for the implementation of DVB-IPTV Phase 1 specifications; Part 3: Error Recovery; Sub-part 1: Overview of DVB-IPTV Error Recovery
10	ETSI TS 102 542-3-2 V2.1.1 (2016-04)	Digital Video Broadcasting (DVB); Guidelines for the implementation of DVB-IPTV Phase 1 specifications; Part 3: Error Recovery; Sub-part 2: Application Layer - Forward Error Correction (AL-FEC)
11	ETSI TS 102 542-3-3 V2.1.1 (2016-04)	Digital Video Broadcasting (DVB); Guidelines for the implementation of DVB-IPTV Phase 1 specifications; Part 3: Error Recovery; Sub-part 3: Retransmission (RET)
12	ETSI TS 102 542-4 V2.1.1 (2016-04)	Digital Video Broadcasting (DVB); Guidelines for the implementation of DVB-IPTV Phase 1 specifications; Part 4: Remote Management and Firmware Update
13	ETSI TS 102 542-5 V2.1.1 (2016-04)	Digital Video Broadcasting (DVB); Guidelines for the implementation of DVB-IPTV Phase 1 specifications; Part 5: Content Download Service (CDS)
14	ETSI GS NFV-TST 001 V1.1.1 (2016-04)	Network Functions Virtualisation (NFV); Pre-deployment Testing; Report on Validation of NFV Environments and Services
15	ETSI GS NFV-IFA 010 V2.1.1 (2016-04)	Network Functions Virtualisation (NFV); Management and Orchestration; Functional requirements specification
16	ETSI TR 103 303 V1.1.1 (2016-04)	CYBER; Protection measures for ICT in the context of Critical Infrastructure
17	ETSI TS 103 407 V1.1.1 (2016-04)	Cross Platform Authentication for limited input hybrid consumer equipment
18	ETSI TS 103 412 V1.1.1 (2016-04)	Mobile Standards Group (MSG); Pan-European eCall end to end and in-band modem conformance testing; Prose test specification
19	ETSI TS 103 487 V1.1.1 (2016-04)	CYBER; Baseline security requirements regarding sensitive functions for NFV and related platforms
20	ETSI TS 126 114 V13.3.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS); Multimedia telephony; Media handling and interaction (3GPP TS 26.114 version 13.3.0 Release 13)
21	ETSI TS 127 007 V13.4.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; AT command set for User Equipment (UE) (3GPP TS 27.007 version 13.4.0 Release 13)
22	ETSI SR 000 314 V2.19.1 (2016-04)	Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards

23	ETSI EN 303 609 V12.5.1 (2016-04)	Global System for Mobile communications (GSM); GSM Repeaters; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
24	ETSI EN 319 142-1 V1.1.1 (2016-04)	Electronic Signatures and Infrastructures (ESI); PAdES digital signatures; Part 1: Building blocks and PAdES baseline signatures
25	ETSI EN 319 142-2 V1.1.1 (2016-04)	Electronic Signatures and Infrastructures (ESI); PAdES digital signatures; Part 2: Additional PAdES signatures profiles
26	ETSI GS NFV-REL 004 V1.1.1 (2016-04)	Network Functions Virtualisation (NFV); Assurance; Report on Active Monitoring and Failure Detection
27	ETSI TS 121 101 V11.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); Technical Specifications and Technical Reports for a UTRAN-based 3GPP system (3GPP TS 21.101 version 11.2.0 Release 11)
28	ETSI TS 121 201 V12.0.0 (2016-04)	LTE; Technical Specifications and Technical Reports for an Evolved Packet System (EPS) based 3GPP system (3GPP TS 21.201 version 12.0.0 Release 12)
29	ETSI TS 121 201 V11.2.0 (2016-04)	LTE; Technical Specifications and Technical Reports for an Evolved Packet System (EPS) based 3GPP system (3GPP TS 21.201 version 11.2.0 Release 11)
30	ETSI TS 121 202 V12.0.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Technical Specifications and Technical Reports relating to the Common IP Multimedia Subsystem (IMS) (3GPP TS 21.202 version 12.0.0 Release 12)
31	ETSI TR 121 900 V12.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Technical Specification Group working methods (3GPP TR 21.900 version 12.1.0 Release 12)
32	ETSI TR 121 900 V11.2.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Technical Specification Group working methods (3GPP TR 21.900 version 11.2.0 Release 11)
33	ETSI TS 122 101 V13.8.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Service aspects; Service principles (3GPP TS 22.101 version 13.8.0 Release 13)
34	ETSI TS 122 173 V11.7.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Core Network Subsystem (IMS) Multimedia Telephony Service and supplementary services; Stage 1 (3GPP TS 22.173 version 11.7.0 Release 11)
35	ETSI TS 122 173 V13.2.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Core Network Subsystem (IMS) Multimedia Telephony Service and supplementary services; Stage 1 (3GPP TS 22.173 version 13.2.0 Release 13)
36	ETSI TS 122 173 V12.9.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Core Network Subsystem (IMS) Multimedia Telephony Service and supplementary services; Stage 1 (3GPP TS 22.173 version 12.9.0 Release 12)
37	ETSI TS 122 173 V10.7.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Core Network Subsystem (IMS) Multimedia Telephony Service and supplementary services; Stage 1 (3GPP TS 22.173 version 10.7.0 Release 10)

38	ETSI TS 123 002 V13.5.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Network architecture (3GPP TS 23.002 version 13.5.0 Release 13)
39	ETSI TS 123 003 V13.5.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Numbering, addressing and identification (3GPP TS 23.003 version 13.5.0 Release 13)
40	ETSI TS 123 007 V13.4.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Restoration procedures (3GPP TS 23.007 version 13.4.0 Release 13)
41	ETSI TS 123 040 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Technical realization of the Short Message Service (SMS) (3GPP TS 23.040 version 13.1.0 Release 13)
42	ETSI TS 123 041 V13.3.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Technical realization of Cell Broadcast Service (CBS) (3GPP TS 23.041 version 13.3.0 Release 13)
43	ETSI TS 123 060 V13.6.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); General Packet Radio Service (GPRS); Service description; Stage 2 (3GPP TS 23.060 version 13.6.0 Release 13)
44	ETSI TS 123 153 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Out of band transcoder control; Stage 2 (3GPP TS 23.153 version 13.1.0 Release 13)
45	ETSI TS 123 161 V13.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Network-Based IP Flow Mobility (NBIFOM); Stage 2 (3GPP TS 23.161 version 13.2.0 Release 13)
46	ETSI TS 123 167 V13.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 13.2.0 Release 13)
47	ETSI TS 123 179 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Functional architecture and information flows to support mission critical communication services; Stage 2 (3GPP TS 23.179 version 13.1.0 Release 13)
48	ETSI TS 123 203 V13.7.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control architecture (3GPP TS 23.203 version 13.7.0 Release 13)
49	ETSI TS 123 228 V13.5.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS); Stage 2 (3GPP TS 23.228 version 13.5.0 Release 13)
50	ETSI TS 123 228 V12.10.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS); Stage 2 (3GPP TS 23.228 version 12.10.0 Release 12)
51	ETSI TS 123 272 V13.3.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Circuit Switched (CS) fallback in Evolved Packet System (EPS); Stage 2 (3GPP TS 23.272 version 13.3.0 Release 13)

52	ETSI TS 123 303 V13.3.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Proximity-based services (ProSe); Stage 2 (3GPP TS 23.303 version 13.3.0 Release 13)
53	ETSI TS 123 303 V12.8.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Proximity-based services (ProSe); Stage 2 (3GPP TS 23.303 version 12.8.0 Release 12)
54	ETSI TS 123 333 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface: Procedures descriptions (3GPP TS 23.333 version 13.1.0 Release 13)
55	ETSI TS 123 334 V13.5.0 (2016-04)	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 13.5.0 Release 13)
56	ETSI TS 123 335 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; User Data Convergence (UDC); Technical realization and information flows; Stage 2 (3GPP TS 23.335 version 13.1.0 Release 13)
57	ETSI TS 123 380 V13.2.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IMS Restoration Procedures (3GPP TS 23.380 version 13.2.0 Release 13)
58	ETSI TS 123 401 V12.11.0 (2016-04)	LTE; General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 12.11.0 Release 12)
59	ETSI TS 123 682 V13.5.0 (2016-04)	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 13.5.0 Release 13)
60	ETSI TS 124 011 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Point-to-Point (PP) Short Message Service (SMS) support on mobile radio interface (3GPP TS 24.011 version 13.1.0 Release 13)
61	ETSI TS 124 105 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Application specific Congestion control for Data Communication (ACDC) Management Object (MO) (3GPP TS 24.105 version 13.1.0 Release 13)
62	ETSI TS 124 109 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Bootstrapping interface (Ub) and network application function interface (Ua); Protocol details (3GPP TS 24.109 version 13.1.0 Release 13)
63	ETSI TS 124 147 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3 (3GPP TS 24.147 version 13.1.0 Release 13)
64	ETSI TS 124 167 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; 3GPP IMS Management Object (MO); Stage 3 (3GPP TS 24.167 version 13.1.0 Release 13)
65	ETSI TS 124 244 V13.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Wireless LAN control plane protocol for trusted WLAN access to EPC; Stage 3 (3GPP TS 24.244 version 13.2.0 Release 13)

66	ETSI TS 124 292 V13.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Core Network (CN) subsystem Centralized Services (ICS); Stage 3 (3GPP TS 24.292 version 13.2.0 Release 13)
67	ETSI TS 124 301 V13.5.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS); Stage 3 (3GPP TS 24.301 version 13.5.0 Release 13)
68	ETSI TS 124 312 V13.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Access Network Discovery and Selection Function (ANDSF) Management Object (MO) (3GPP TS 24.312 version 13.2.0 Release 13)
69	ETSI TS 124 333 V13.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Proximity-services (ProSe) Management Objects (MO) (3GPP TS 24.333 version 13.2.0 Release 13)
70	ETSI TS 124 371 V13.3.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Web Real-Time Communications (WebRTC) access to the IP Multimedia (IM) Core Network (CN) subsystem (IMS); Stage 3; Protocol specification (3GPP TS 24.371 version 13.3.0 Release 13)
71	ETSI TS 124 604 V13.4.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Communication Diversion (CDIV) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification (3GPP TS 24.604 version 13.4.0 Release 13)
72	ETSI TS 124 615 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Communication Waiting (CW) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol Specification (3GPP TS 24.615 version 13.1.0 Release 13)
73	ETSI TS 124 629 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Explicit Communication Transfer (ECT) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification (3GPP TS 24.629 version 13.1.0 Release 13)
74	ETSI SR 003 186 V2.1.1 (2016-04)	Electronic Signatures and Infrastructures (ESI) Testing interoperability and conformity activities to be run during the implementation and promotion of the framework of digital signatures
75	ETSI TS 103 253 V1.2.1 (2016-04)	Methods for Testing and Specification (MTS); TTCN-3 Conformance Test Suite for use of XML schema; Implementation Conformance Statement
76	ETSI GS NFV-IFA 003 V2.1.1 (2016-04)	Network Functions Virtualisation (NFV); Acceleration Technologies; vSwitch Benchmarking and Acceleration Specification
77	ETSI GS NFV-IFA 004 V2.1.1 (2016-04)	Network Functions Virtualisation (NFV); Acceleration Technologies; Management Aspects Specification
78	ETSI GS NFV-IFA 005 V2.1.1 (2016-04)	Network Functions Virtualisation (NFV); Management and Orchestration; Or-Vi reference point - Interface and Information Model Specification
79	ETSI GS NFV-SEC 006 V1.1.1 (2016-04)	Network Functions Virtualisation (NFV); Security Guide; Report on Security Aspects and Regulatory Concerns
80	ETSI GS NFV-IFA 006 V2.1.1 (2016-04)	Network Functions Virtualisation (NFV); Management and Orchestration; Vi-Vnfm reference point - Interface and Information Model Specification
81	ETSI GS NFV-SEC 010 V1.1.1 (2016-04)	Network Functions Virtualisation (NFV); NFV Security; Report on Retained Data problem statement and requirements
82	ETSI TS 103 307 V1.1.1 (2016-04)	CYBER; Security Aspects for LI and RD Interfaces

83	ETSI TS 122 011 V13.5.0 (2016-04)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Service accessibility (3GPP TS 22.011 version 13.5.0 Release 13)
84	ETSI TS 123 008 V12.10.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Organization of subscriber data (3GPP TS 23.008 version 12.10.0 Release 12)
85	ETSI TS 123 333 V12.8.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface: Procedures descriptions (3GPP TS 23.333 version 12.8.0 Release 12)
86	ETSI TS 123 334 V12.10.0 (2016-04)	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 12.10.0 Release 12)
87	ETSI TS 123 402 V13.5.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Architecture enhancements for non-3GPP accesses (3GPP TS 23.402 version 13.5.0 Release 13)
88	ETSI TS 124 008 V13.5.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 (3GPP TS 24.008 version 13.5.0 Release 13)
89	ETSI TS 124 147 V12.6.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3 (3GPP TS 24.147 version 12.6.0 Release 12)
90	ETSI TS 124 237 V13.4.0 (2016-04)	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 13.4.0 Release 13)
91	ETSI TS 124 302 V13.5.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Access to the 3GPP Evolved Packet Core (EPC) via non-3GPP access networks; Stage 3 (3GPP TS 24.302 version 13.5.0 Release 13)
92	ETSI TS 124 503 V8.21.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; TISPAN; IP Multimedia Call Control Protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP) Stage 3 [3GPP TS 24.229 (Release 7), modified] (3GPP TS 24.503 version 8.21.0 Release 8)
93	ETSI TS 124 629 V12.7.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Explicit Communication Transfer (ECT) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification (3GPP TS 24.629 version 12.7.0 Release 12)
94	ETSI TS 125 101 V9.14.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101 version 9.14.0 Release 9)
95	ETSI TS 125 101 V12.10.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101 version 12.10.0 Release 12)
96	ETSI TS 125 101 V11.13.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101 version 11.13.0 Release 11)

97	ETSI TS 125 101 V8.17.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101 version 8.17.0 Release 8)
98	ETSI TS 125 104 V13.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); Base Station (BS) radio transmission and reception (FDD) (3GPP TS 25.104 version 13.2.0 Release 13)
99	ETSI TS 125 133 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); Requirements for support of radio resource management (FDD) (3GPP TS 25.133 version 13.1.0 Release 13)
100	ETSI TS 125 133 V12.9.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); Requirements for support of radio resource management (FDD) (3GPP TS 25.133 version 12.9.0 Release 12)
101	ETSI TS 125 141 V13.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); Base Station (BS) conformance testing (FDD) (3GPP TS 25.141 version 13.2.0 Release 13)
102	ETSI TS 125 214 V13.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); Physical layer procedures (FDD) (3GPP TS 25.214 version 13.2.0 Release 13)
103	ETSI TS 126 103 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Speech codec list for GSM and UMTS (3GPP TS 26.103 version 13.1.0 Release 13)
104	ETSI TS 126 114 V12.13.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS); Multimedia telephony; Media handling and interaction (3GPP TS 26.114 version 12.13.0 Release 12)
105	ETSI TS 126 131 V13.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Terminal acoustic characteristics for telephony; Requirements (3GPP TS 26.131 version 13.2.0 Release 13)
106	ETSI TS 126 131 V12.5.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Terminal acoustic characteristics for telephony; Requirements (3GPP TS 26.131 version 12.5.0 Release 12)
107	ETSI TS 126 132 V13.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Speech and video telephony terminal acoustic test specification (3GPP TS 26.132 version 13.2.0 Release 13)
108	ETSI TS 126 132 V12.8.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Speech and video telephony terminal acoustic test specification (3GPP TS 26.132 version 12.8.0 Release 12)
109	ETSI TS 126 173 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-WB) speech codec (3GPP TS 26.173 version 13.1.0 Release 13)
110	ETSI TS 126 174 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec test sequences (3GPP TS 26.174 version 13.1.0 Release 13)
111	ETSI TS 126 204 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; ANSI-C code (3GPP TS 26.204 version 13.1.0 Release 13)
112	ETSI TS 126 234 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Transparent end-to-end Packet-switched Streaming Service (PSS); Protocols and codecs (3GPP TS 26.234 version 13.1.0 Release 13)

113	ETSI TS 126 346 V13.4.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs (3GPP TS 26.346 version 13.4.0 Release 13)
114	ETSI TS 126 346 V12.9.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs (3GPP TS 26.346 version 12.9.0 Release 12)
115	ETSI TS 126 442 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); ANSI C code (fixed-point) (3GPP TS 26.442 version 13.1.0 Release 13)
116	ETSI TS 126 442 V12.6.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); ANSI C code (fixed-point) (3GPP TS 26.442 version 12.6.0 Release 12)
117	ETSI TS 126 443 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); ANSI C code (floating-point) (3GPP TS 26.443 version 13.1.0 Release 13)
118	ETSI TS 126 443 V12.5.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); ANSI C code (floating-point) (3GPP TS 26.443 version 12.5.0 Release 12)
119	ETSI TS 126 444 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Test sequences (3GPP TS 26.444 version 13.1.0 Release 13)
120	ETSI TR 126 952 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Performance characterization (3GPP TR 26.952 version 13.1.0 Release 13)
121	ETSI TR 126 952 V12.4.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Performance characterization (3GPP TR 26.952 version 12.4.0 Release 12)
122	ETSI TS 128 623 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Generic Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.623 version 13.1.0 Release 13)
123	ETSI TS 128 627 V13.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Self-Organizing Networks (SON) Policy Network Resource Model (NRM) Integration Reference Point (IRP); Requirements (3GPP TS 28.627 version 13.2.0 Release 13)
124	ETSI TS 128 627 V11.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Self-Organizing Networks (SON) Policy Network Resource Model (NRM) Integration Reference Point (IRP); Requirements (3GPP TS 28.627 version 11.2.0 Release 11)
125	ETSI TS 128 627 V12.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Self-Organizing Networks (SON) Policy Network Resource Model (NRM) Integration Reference Point (IRP); Requirements (3GPP TS 28.627 version 12.1.0 Release 12)
126	ETSI TS 128 633 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Inventory Management (IM) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.633 version 13.1.0 Release 13)
127	ETSI TS 128 633 V12.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Inventory Management (IM) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.633 version 12.1.0 Release 12)



128	ETSI TS 128 633 V11.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Inventory Management (IM) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.633 version 11.2.0 Release 11)
129	ETSI TS 128 653 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.653 version 13.1.0 Release 13)
130	ETSI TS 128 656 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; GSM/EDGE Radio Access Network (GERAN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.656 version 13.1.0 Release 13)
131	ETSI TS 128 656 V12.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; GSM/EDGE Radio Access Network (GERAN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.656 version 12.1.0 Release 12)
132	ETSI TS 128 656 V11.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; GSM/EDGE Radio Access Network (GERAN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.656 version 11.2.0 Release 11)
133	ETSI TS 128 682 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Wireless Local Area Network (WLAN) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) (3GPP TS 28.682 version 13.1.0 Release 13)
134	ETSI TS 128 706 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.706 version 13.1.0 Release 13)
135	ETSI TS 128 706 V12.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.706 version 12.1.0 Release 12)
136	ETSI TS 128 706 V11.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; IP Multimedia Subsystem (IMS) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.706 version 11.2.0 Release 11)
137	ETSI TS 128 733 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Transport Network (TN) interface Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.733 version 13.1.0 Release 13)
138	ETSI TS 128 733 V11.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Transport Network (TN) interface Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.733 version 11.2.0 Release 11)

139	ETSI TS 128 733 V12.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Transport Network (TN) interface Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.733 version 12.1.0 Release 12)
140	ETSI TS 129 002 V13.3.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Mobile Application Part (MAP) specification (3GPP TS 29.002 version 13.3.0 Release 13)
141	ETSI TS 129 060 V13.4.0 (2016-04)	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 13.4.0 Release 13)
142	ETSI TS 129 061 V13.3.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 13.3.0 Release 13)
143	ETSI TS 129 061 V11.12.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 11.12.0 Release 11)
144	ETSI TS 129 061 V12.12.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 12.12.0 Release 12)
145	ETSI TS 129 139 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; 3GPP system - fixed broadband access network interworking; Home (e)Node B - security gateway interface (3GPP TS 29.139 version 13.1.0 Release 13)
146	ETSI TS 129 139 V12.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; 3GPP system - fixed broadband access network interworking; Home (e)Node B - security gateway interface (3GPP TS 29.139 version 12.1.0 Release 12)
147	ETSI TS 129 139 V11.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; 3GPP system - fixed broadband access network interworking; Home (e)Node B - security gateway interface (3GPP TS 29.139 version 11.2.0 Release 11)
148	ETSI TS 129 153 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Service capability exposure functionality over Ns reference point (3GPP TS 29.153 version 13.1.0 Release 13)
149	ETSI TS 129 154 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Service capability exposure functionality over Nt reference point (3GPP TS 29.154 version 13.1.0 Release 13)
150	ETSI TS 129 155 V13.1.0 (2016-04)	LTE; Traffic steering control; Representational State Transfer (REST) over St reference point (3GPP TS 29.155 version 13.1.0 Release 13)
151	ETSI TS 129 162 V13.2.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the IM CN subsystem and IP networks (3GPP TS 29.162 version 13.2.0 Release 13)

152	ETSI TS 129 163 V13.5.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 13.5.0 Release 13)
153	ETSI TS 129 165 V13.4.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 13.4.0 Release 13)
154	ETSI TS 129 171 V13.2.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Location Services (LCS); LCS Application Protocol (LCS-AP) between the Mobile Management Entity (MME) and Evolved Serving Mobile Location Centre (E-SMLC); SLs interface (3GPP TS 29.171 version 13.2.0 Release 13)
155	ETSI TS 129 201 V13.4.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Representational State Transfer (REST) reference point between Application Function (AF) and Protocol Converter (PC) (3GPP TS 29.201 version 13.4.0 Release 13)
156	ETSI TS 129 212 V13.5.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Policy and Charging Control (PCC); Reference points (3GPP TS 29.212 version 13.5.0 Release 13)
157	ETSI TS 129 213 V13.5.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 13.5.0 Release 13)
158	ETSI TS 129 214 V13.5.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control over Rx reference point (3GPP TS 29.214 version 13.5.0 Release 13)
159	ETSI TS 129 215 V13.5.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Policy and Charging Control (PCC) over S9 reference point; Stage 3 (3GPP TS 29.215 version 13.5.0 Release 13)
160	ETSI TS 129 219 V13.3.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control: Spending limit reporting over Sy reference point (3GPP TS 29.219 version 13.3.0 Release 13)
161	ETSI TS 129 228 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents (3GPP TS 29.228 version 13.1.0 Release 13)
162	ETSI TS 129 230 V13.4.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Diameter applications; 3GPP specific codes and identifiers (3GPP TS 29.230 version 13.4.0 Release 13)
163	ETSI TS 129 230 V12.12.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Diameter applications; 3GPP specific codes and identifiers (3GPP TS 29.230 version 12.12.0 Release 12)
164	ETSI TS 129 232 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3 (3GPP TS 29.232 version 13.1.0 Release 13)

165	ETSI TS 129 235 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between SIP-I based circuit-switched core network and other networks (3GPP TS 29.235 version 13.1.0 Release 13)
166	ETSI TS 129 273 V13.3.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Evolved Packet System (EPS); 3GPP EPS AAA interfaces (3GPP TS 29.273 version 13.3.0 Release 13)
167	ETSI TS 129 274 V13.5.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; 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 13.5.0 Release 13)
168	ETSI TS 129 274 V12.12.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; 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 12.12.0 Release 12)
169	ETSI TS 129 281 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; General Packet Radio System (GPRS) Tunnelling Protocol User Plane (GTPv1-U) (3GPP TS 29.281 version 13.1.0 Release 13)
170	ETSI TS 129 292 V13.3.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the IP Multimedia (IM) Core Network (CN) subsystem (IMS) and MSC Server for IMS Centralized Services (ICS) (3GPP TS 29.292 version 13.3.0 Release 13)
171	ETSI TS 129 303 V13.3.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Domain Name System Procedures; Stage 3 (3GPP TS 29.303 version 13.3.0 Release 13)
172	ETSI TS 129 305 V13.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; InterWorking Function (IWF) between MAP based and Diameter based interfaces (3GPP TS 29.305 version 13.2.0 Release 13)
173	ETSI TS 129 328 V13.4.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Subsystem Sh interface; Signalling flows and message contents (3GPP TS 29.328 version 13.4.0 Release 13)
174	ETSI TS 129 328 V11.16.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Subsystem Sh interface; Signalling flows and message contents (3GPP TS 29.328 version 11.16.0 Release 11)
175	ETSI TS 129 328 V12.11.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Subsystem Sh interface; Signalling flows and message contents (3GPP TS 29.328 version 12.11.0 Release 12)
176	ETSI TS 129 328 V10.15.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Subsystem Sh interface; Signalling flows and message contents (3GPP TS 29.328 version 10.15.0 Release 10)
177	ETSI TS 129 332 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Media Gateway Control Function (MGCF) - IM Media Gateway; Mn interface (3GPP TS 29.332 version 13.1.0 Release 13)
178	ETSI TS 129 333 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3 (3GPP TS 29.333 version 13.1.0 Release 13)

179	ETSI TS 129 334 V13.4.0 (2016-04)	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 13.4.0 Release 13)
180	ETSI TS 129 336 V13.3.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Home Subscriber Server (HSS) diameter interfaces for interworking with packet data networks and applications (3GPP TS 29.336 version 13.3.0 Release 13)
181	ETSI TS 129 337 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Diameter-based T4 Interface for communications with packet data networks and applications (3GPP TS 29.337 version 13.1.0 Release 13)
182	ETSI TS 129 338 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Diameter based protocols to support Short Message Service (SMS) capable Mobile Management Entities (MMEs) (3GPP TS 29.338 version 13.1.0 Release 13)
183	ETSI TS 129 344 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Proximity-services (ProSe) function to Home Subscriber Server (HSS) aspects; Stage 3 (3GPP TS 29.344 version 13.1.0 Release 13)
184	ETSI TS 129 345 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Inter-Proximity-services (ProSe) function signalling aspects; Stage 3 (3GPP TS 29.345 version 13.1.0 Release 13)
185	ETSI TS 129 414 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); Core network Nb data transport and transport signalling (3GPP TS 29.414 version 13.1.0 Release 13)
186	ETSI TS 129 415 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); Core network Nb interface user plane protocols (3GPP TS 29.415 version 13.1.0 Release 13)
187	ETSI TS 131 102 V13.3.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 13.3.0 Release 13)
188	ETSI TS 131 102 V12.11.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 12.11.0 Release 12)
189	ETSI TS 131 102 V8.20.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 8.20.0 Release 8)
190	ETSI TS 131 102 V9.17.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 9.17.0 Release 9)
191	ETSI TS 131 102 V10.13.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 10.13.0 Release 10)
192	ETSI TS 131 102 V11.10.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 11.10.0 Release 11)
193	ETSI TS 131 111 V13.3.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 13.3.0 Release 13)

194	ETSI TS 131 121 V13.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 13.2.0 Release 13)
195	ETSI TS 131 124 V13.3.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Mobile Equipment (ME) conformance test specification; Universal Subscriber Identity Module Application Toolkit (USAT) conformance test specification (3GPP TS 31.124 version 13.3.0 Release 13)
196	ETSI TS 132 150 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Integration Reference Point (IRP) Concept and definitions (3GPP TS 32.150 version 13.1.0 Release 13)
197	ETSI TS 132 152 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Integration Reference Point (IRP) Information Service (IS) Unified Modelling Language (UML) repertoire (3GPP TS 32.152 version 13.1.0 Release 13)
198	ETSI TS 132 153 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Integration Reference Point (IRP) technology specific templates, rules and guidelines (3GPP TS 32.153 version 13.1.0 Release 13)
199	ETSI TS 132 153 V12.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Integration Reference Point (IRP) technology specific templates, rules and guidelines (3GPP TS 32.153 version 12.1.0 Release 12)
200	ETSI TS 132 153 V10.2.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Integration Reference Point (IRP) technology specific templates, rules and guidelines (3GPP TS 32.153 version 10.2.0 Release 10)
201	ETSI TS 132 153 V8.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Integration Reference Point (IRP) technology specific templates, rules and guidelines (3GPP TS 32.153 version 8.1.0 Release 8)
202	ETSI TS 132 153 V9.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Integration Reference Point (IRP) technology specific templates, rules and guidelines (3GPP TS 32.153 version 9.1.0 Release 9)
203	ETSI TS 132 153 V11.2.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Integration Reference Point (IRP) technology specific templates, rules and guidelines (3GPP TS 32.153 version 11.2.0 Release 11)
204	ETSI TS 132 251 V13.4.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Packet Switched (PS) domain charging (3GPP TS 32.251 version 13.4.0 Release 13)

205	ETSI TS 132 260 V13.5.0 (2016-04)	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 13.5.0 Release 13)
206	ETSI TS 132 275 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; MultiMedia Telephony (MMTel) charging (3GPP TS 32.275 version 13.1.0 Release 13)
207	ETSI TS 132 278 V13.0.0 (2016-04)	LTE; Telecommunication management; Charging management; Monitoring Event Charging (3GPP TS 32.278 version 13.0.0 Release 13)
208	ETSI TS 132 297 V13.1.0 (2016-04)	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 13.1.0 Release 13)
209	ETSI TS 132 298 V13.3.0 (2016-04)	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 13.3.0 Release 13)
210	ETSI TS 132 299 V13.4.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Diameter charging applications (3GPP TS 32.299 version 13.4.0 Release 13)
211	ETSI TS 132 300 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Configuration Management (CM); Name convention for Managed Objects (3GPP TS 32.300 version 13.1.0 Release 13)
212	ETSI TS 133 106 V13.3.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; 3G security; Lawful interception requirements (3GPP TS 33.106 version 13.3.0 Release 13)
213	ETSI TS 133 107 V13.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; 3G security; Lawful interception architecture and functions (3GPP TS 33.107 version 13.2.0 Release 13)
214	ETSI TS 133 108 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; 3G security; Handover interface for Lawful Interception (LI) (3GPP TS 33.108 version 13.1.0 Release 13)
215	ETSI TS 133 223 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Generic Authentication Architecture (GAA); Generic Bootstrapping Architecture (GBA) Push function (3GPP TS 33.223 version 13.1.0 Release 13)
216	ETSI TS 133 303 V13.3.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Proximity-based Services (ProSe); Security aspects (3GPP TS 33.303 version 13.3.0 Release 13)
217	ETSI TS 133 310 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Network Domain Security (NDS); Authentication Framework (AF) (3GPP TS 33.310 version 13.1.0 Release 13)

218	ETSI TS 133 401 V13.2.0 (2016-04)	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 13.2.0 Release 13)
219	ETSI TS 136 101 V10.21.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 10.21.0 Release 10)
220	ETSI TS 136 101 V11.15.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 11.15.0 Release 11)
221	ETSI TS 136 101 V12.10.1 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 12.10.1 Release 12)
222	ETSI TS 136 104 V12.11.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 12.11.0 Release 12)
223	ETSI TS 136 104 V13.3.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 13.3.0 Release 13)
224	ETSI TS 136 124 V13.1.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 36.124 version 13.1.0 Release 13)
225	ETSI TS 136 133 V10.21.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 10.21.0 Release 10)
226	ETSI TS 136 133 V11.15.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 11.15.0 Release 11)
227	ETSI TS 136 133 V13.2.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 13.2.0 Release 13)
228	ETSI TS 136 201 V13.1.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); LTE physical layer; General description (3GPP TS 36.201 version 13.1.0 Release 13)
229	ETSI TS 136 212 V12.8.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Multiplexing and channel coding (3GPP TS 36.212 version 12.8.0 Release 12)
230	ETSI TS 136 212 V11.7.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Multiplexing and channel coding (3GPP TS 36.212 version 11.7.0 Release 11)
231	ETSI TS 136 214 V13.1.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer; Measurements (3GPP TS 36.214 version 13.1.0 Release 13)
232	ETSI TS 136 307 V10.18.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 10.18.0 Release 10)
233	ETSI TS 136 307 V9.16.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 9.16.0 Release 9)
234	ETSI TS 136 307 V12.11.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 12.11.0 Release 12)



235	ETSI TS 136 307 V11.15.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 11.15.0 Release 11)
236	ETSI TS 136 307 V13.3.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 13.3.0 Release 13)
237	ETSI TS 136 461 V13.0.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw layer 1 (3GPP TS 36.461 version 13.0.0 Release 13)
238	ETSI TS 136 462 V13.0.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw signalling transport (3GPP TS 36.462 version 13.0.0 Release 13)
239	ETSI TS 136 463 V13.0.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw application protocol (XwAP) (3GPP TS 36.463 version 13.0.0 Release 13)
240	ETSI TS 136 464 V13.0.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw data transport (3GPP TS 36.464 version 13.0.0 Release 13)
241	ETSI TS 143 059 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Functional stage 2 description of Location Services (LCS) in GERAN (3GPP TS 43.059 version 13.1.0 Release 13)
242	ETSI TS 145 001 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Physical layer on the radio path; General description (3GPP TS 45.001 version 13.1.0 Release 13)
243	ETSI EN 301 406 V2.2.1 (2016-04)	Digital Enhanced Cordless Telecommunications (DECT); Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
244	ETSI EN 301 839 V2.1.1 (2016-04)	Ultra Low Power Active Medical Implants (ULP-AMI) and associated Peripherals (ULP-AMI-P) operating in the frequency range 402 MHz to 405 MHz; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
245	ETSI EN 303 204 V2.1.1 (2016-04)	Network Based Short Range Devices (SRD); Radio equipment to be used in the 870 MHz to 876 MHz frequency range with power levels ranging up to 500 mW; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU
246	ETSI EN 303 372-2 V1.1.1 (2016-04)	Satellite Earth Stations and Systems (SES); Satellite broadcast reception equipment; Harmonised Standard covering the essential requirements of article 3.2 of the Directive 2014/53/EU; Part 2: Indoor unit
247	ETSI EN 319 132-1 V1.1.1 (2016-04)	Electronic Signatures and Infrastructures (ESI); XAdES digital signatures; Part 1: Building blocks and XAdES baseline signatures
248	ETSI EN 319 132-2 V1.1.1 (2016-04)	Electronic Signatures and Infrastructures (ESI); XAdES digital signatures; Part 2: Extended XAdES signatures
249	ETSI EN 319 162-1 V1.1.1 (2016-04)	Electronic Signatures and Infrastructures (ESI); Associated Signature Containers (ASiC); Part 1: Building blocks and ASiC baseline containers
250	ETSI EN 319 162-2 V1.1.1 (2016-04)	Electronic Signatures and Infrastructures (ESI); Associated Signature Containers (ASiC); Part 2: Additional ASiC containers
251	ETSI TR 119 000 V1.2.1 (2016-04)	Electronic Signatures and Infrastructures (ESI); The framework for standardization of signatures: overview
252	ETSI GS NFV-REL 003 V1.1.1 (2016-04)	Network Functions Virtualisation (NFV); Reliability; Report on Models and Features for End-to-End Reliability

253	ETSI TS 102 723-8 V1.1.1 (2016-04)	Intelligent Transport Systems (ITS); OSI cross-layer topics; Part 8: Interface between security entity and network and transport layer
254	ETSI TR 103 233 V1.1.1 (2016-04)	Satellite Earth Stations and Systems (SES); Technical Report on antenna performance characterization for GSO mobile applications
255	ETSI TR 103 386 V1.1.1 (2016-04)	Methods for Testing and Specifications (MTS) Deployment of Model-Based Automated Testing Infrastructure in a Cloud
256	ETSI TS 125 300 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); Universal Terrestrial Radio Access Network (UTRAN); General description; Stage 2 (3GPP TS 25.300 version 13.1.0 Release 13)
257	ETSI TS 125 300 V12.5.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); Universal Terrestrial Radio Access Network (UTRAN); General description; Stage 2 (3GPP TS 25.300 version 12.5.0 Release 12)
258	ETSI TS 125 302 V13.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); Services provided by the physical layer (3GPP TS 25.302 version 13.2.0 Release 13)
259	ETSI TS 125 306 V13.1.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); UE Radio Access capabilities (3GPP TS 25.306 version 13.1.0 Release 13)
260	ETSI TS 125 321 V13.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); Medium Access Control (MAC) protocol specification (3GPP TS 25.321 version 13.2.0 Release 13)
261	ETSI TS 125 331 V11.16.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); Radio Resource Control (RRC); Protocol specification (3GPP TS 25.331 version 11.16.0 Release 11)
262	ETSI TS 125 331 V12.9.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); Radio Resource Control (RRC); Protocol specification (3GPP TS 25.331 version 12.9.0 Release 12)
263	ETSI TS 125 331 V13.2.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); Radio Resource Control (RRC); Protocol specification (3GPP TS 25.331 version 13.2.0 Release 13)
264	ETSI TS 129 238 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Interconnection Border Control Functions (IBCF) - Transition Gateway (TrGW) interface, Ix interface; Stage 3 (3GPP TS 29.238 version 13.1.0 Release 13)
265	ETSI TS 136 104 V11.15.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 11.15.0 Release 11)
266	ETSI TS 136 211 V13.1.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation (3GPP TS 36.211 version 13.1.0 Release 13)
267	ETSI TS 136 212 V13.1.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Multiplexing and channel coding (3GPP TS 36.212 version 13.1.0 Release 13)
268	ETSI TS 136 300 V12.9.0 (2016-04)	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 12.9.0 Release 12)
269	ETSI TS 136 300 V13.3.0 (2016-04)	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 13.3.0 Release 13)
270	ETSI TS 136 302 V13.1.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Services provided by the physical layer (3GPP TS 36.302 version 13.1.0 Release 13)

271	ETSI TS 136 304 V13.1.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 13.1.0 Release 13)
272	ETSI TS 136 306 V12.8.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 12.8.0 Release 12)
273	ETSI TS 136 306 V13.1.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 13.1.0 Release 13)
274	ETSI TS 136 314 V13.1.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Layer 2 - Measurements (3GPP TS 36.314 version 13.1.0 Release 13)
275	ETSI TS 136 321 V12.9.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 12.9.0 Release 12)
276	ETSI TS 136 321 V13.1.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 13.1.0 Release 13)
277	ETSI TS 136 322 V13.1.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Link Control (RLC) protocol specification (3GPP TS 36.322 version 13.1.0 Release 13)
278	ETSI TS 136 323 V13.1.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Packet Data Convergence Protocol (PDCP) specification (3GPP TS 36.323 version 13.1.0 Release 13)
279	ETSI TS 136 331 V12.9.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification (3GPP TS 36.331 version 12.9.0 Release 12)
280	ETSI TS 136 331 V13.1.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification (3GPP TS 36.331 version 13.1.0 Release 13)
281	ETSI TS 136 331 V11.15.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification (3GPP TS 36.331 version 11.15.0 Release 11)
282	ETSI TS 136 355 V13.1.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); LTE Positioning Protocol (LPP) (3GPP TS 36.355 version 13.1.0 Release 13)
283	ETSI TS 136 360 V13.0.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); LTE-WLAN Aggregation Adaptation Protocol (LWAAP) specification (3GPP TS 36.360 version 13.0.0 Release 13)
284	ETSI TS 136 465 V13.0.0 (2016-04)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw interface user plane protocol (3GPP TS 36.465 version 13.0.0 Release 13)
285	ETSI TS 137 104 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 13.1.0 Release 13)
286	ETSI TS 137 104 V12.10.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 12.10.0 Release 12)

287	ETSI TS 137 104 V11.14.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 11.14.0 Release 11)
288	ETSI TS 137 105 V13.0.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 13.0.0 Release 13)
289	ETSI TS 137 113 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) Electromagnetic Compatibility (EMC) (3GPP TS 37.113 version 13.1.0 Release 13)
290	ETSI TS 137 114 V13.0.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Active Antenna System (AAS) Base Station (BS) Electromagnetic Compatibility (EMC) (3GPP TS 37.114 version 13.0.0 Release 13)
291	ETSI TS 137 141 V12.10.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 12.10.0 Release 12)
292	ETSI TS 137 141 V11.14.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 11.14.0 Release 11)
293	ETSI TS 137 141 V13.2.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 13.2.0 Release 13)
294	ETSI TS 137 320 V13.1.0 (2016-04)	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 13.1.0 Release 13)
295	ETSI TR 137 977 V13.3.0 (2016-04)	Universal Mobile Telecommunications System (UMTS); LTE; Universal Terrestrial Radio Access (UTRA) and Evolved Universal Terrestrial Radio Access (E-UTRA); Verification of radiated multi-antenna reception performance of User Equipment (UE) (3GPP TR 37.977 version 13.3.0 Release 13)
296	ETSI TS 143 020 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Security related network functions (3GPP TS 43.020 version 13.1.0 Release 13)
297	ETSI TS 143 064 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2 (3GPP TS 43.064 version 13.1.0 Release 13)
298	ETSI TS 144 018 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol (3GPP TS 44.018 version 13.1.0 Release 13)

299	ETSI TS 144 060 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control / Medium Access Control (RLC/MAC) protocol (3GPP TS 44.060 version 13.1.0 Release 13)
300	ETSI TS 145 002 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Multiplexing and multiple access on the radio path (3GPP TS 45.002 version 13.1.0 Release 13)
301	ETSI TS 145 003 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Channel coding (3GPP TS 45.003 version 13.1.0 Release 13)
302	ETSI TS 145 004 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Modulation (3GPP TS 45.004 version 13.1.0 Release 13)
303	ETSI TS 145 008 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Radio subsystem link control (3GPP TS 45.008 version 13.1.0 Release 13)
304	ETSI TS 145 010 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Radio subsystem synchronization (3GPP TS 45.010 version 13.1.0 Release 13)
305	ETSI TS 148 008 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Mobile Switching Centre - Base Station system (MSC-BSS) interface; Layer 3 specification (3GPP TS 48.008 version 13.1.0 Release 13)
306	ETSI TS 148 018 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS protocol (BSSGP) (3GPP TS 48.018 version 13.1.0 Release 13)
307	ETSI TS 148 058 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Base Station Controller - Base Transceiver Station (BSC - BTS) Interface; Layer 3 specification (3GPP TS 48.058 version 13.1.0 Release 13)
308	ETSI TS 152 402 V13.1.0 (2016-04)	Digital cellular telecommunications system (Phase 2+) (GSM); Telecommunication management; Performance Management (PM); Performance measurements - GSM (3GPP TS 52.402 version 13.1.0 Release 13)