

Nr.	Standards reference	Title
1	ETSI GS NFV-REL 001 V1.1.1 (2015-01)	Network Functions Virtualisation (NFV); Resiliency Requirements
2	ETSI GS NFV-INF 004 V1.1.1 (2015-01)	Network Functions Virtualisation (NFV); Infrastructure; Hypervisor Domain
3	ETSI TS 103 238-1 V1.1.1 (2015-01)	Integrated broadband cable telecommunication networks (CABLE); Testing; Conformance test specifications for NAT64 technology; Part 1: Protocol Implementation Conformance Statement (PICS) proforma
4	ETSI TS 103 238-2 V1.1.1 (2015-01)	Integrated broadband cable telecommunication networks (CABLE); Testing; Conformance test specifications for NAT64 technology; Part 2: Test Suite Structure and Test Purposes (TSS&TP)
5	ETSI TS 103 238-3 V1.1.1 (2015-01)	Integrated broadband cable telecommunication networks (CABLE); Testing; Conformance test specifications for NAT64 technology; Part 3: Abstract Test Suite (ATS) and Protocol Implementation extra Information for Testing (PIXIT)
6	ETSI TS 103 239-1 V1.1.1 (2015-01)	Integrated broadband cable telecommunication networks (CABLE); Testing; Conformance test specifications for MAP-E technology; Part 1: Protocol Implementation Conformance Statement (PICS) proforma
7	ETSI TS 103 241-1 V1.1.1 (2015-01)	Integrated broadband cable telecommunication networks (CABLE); Testing; Conformance test specifications for DS-Lite technology; Part 1: Protocol Implementation Conformance Statement (PICS) proforma
8	ETSI TS 103 242-1 V1.1.1 (2015-01)	Integrated broadband cable telecommunication networks (CABLE); Testing; Conformance test specifications for 464XLAT technology; Part 1: Protocol Implementation Conformance Statement (PICS) proforma
9	ETSI TS 103 243-1 V1.1.1 (2015-01)	Integrated broadband cable telecommunication networks (CABLE); Testing; Conformance test specifications for 6rd technology; Part 1: Protocol Implementation Conformance Statement (PICS) proforma
10	ETSI TS 123 002 V12.6.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Network architecture (3GPP TS 23.002 version 12.6.0 Release 12)
11	ETSI TS 123 060 V11.12.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); General Packet Radio Service (GPRS); Service description; Stage 2 (3GPP TS 23.060 version 11.12.0 Release 11)
12	ETSI TS 123 060 V12.7.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); General Packet Radio Service (GPRS); Service description; Stage 2 (3GPP TS 23.060 version 12.7.0 Release 12)
13	ETSI TS 123 203 V8.15.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control architecture (3GPP TS 23.203 version 8.15.0 Release 8)
14	ETSI TS 123 203 V9.14.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control architecture (3GPP TS 23.203 version 9.14.0 Release 9)
15	ETSI TS 123 203 V10.10.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control architecture (3GPP TS 23.203 version 10.10.0 Release 10)

16	ETSI TS 123 203 V11.15.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control architecture (3GPP TS 23.203 version 11.15.0 Release 11)
17	ETSI TS 123 203 V12.7.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control architecture (3GPP TS 23.203 version 12.7.0 Release 12)
18	ETSI TS 123 216 V12.2.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Single Radio Voice Call Continuity (SRVCC); Stage 2 (3GPP TS 23.216 version 12.2.0 Release 12)
19	ETSI TS 123 228 V12.7.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS); Stage 2 (3GPP TS 23.228 version 12.7.0 Release 12)
20	ETSI TS 102 281 V2.4.0 (2015-01)	Railways Telecommunications (RT); Global System for Mobile communications (GSM); Detailed requirements for GSM operation on Railways
21	ETSI GS NFV-INF 001 V1.1.1 (2015-01)	Network Functions Virtualisation (NFV); Infrastructure Overview
22	ETSI TR 102 022-2 V1.1.1 (2015-01)	User Requirements Specification Mission Critical Broadband Communications Part 2: Critical Communications Application
23	ETSI TS 103 143 V1.1.1 (2015-01)	Reconfigurable Radio Systems (RRS); System architecture for information exchange between different Geo-location Databases (GLDBs) enabling the operation of White Space Devices (WSDs)
24	ETSI TS 103 145 V1.1.1 (2015-01)	Reconfigurable Radio Systems (RRS); System Architecture and High Level Procedures for Coordinated and Uncoordinated Use of TV White Spaces
25	ETSI TS 103 269-2 V1.1.1 (2015-01)	TETRA and Critical Communications Evolution (TCCE); Critical Communications Architecture; Part 2: Critical Communications application mobile to network interface architecture
26	ETSI TS 103 270 V1.1.1 (2015-01)	RadioDNS Hybrid Radio; Hybrid lookup for radio services
27	ETSI TS 122 011 V11.4.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Service accessibility (3GPP TS 22.011 version 11.4.0 Release 11)
28	ETSI TS 122 101 V9.13.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Service aspects; Service principles (3GPP TS 22.101 version 9.13.0 Release 9)
29	ETSI TS 122 101 V12.6.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Service aspects; Service principles (3GPP TS 22.101 version 12.6.0 Release 12)
30	ETSI TS 122 101 V11.10.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Service aspects; Service principles (3GPP TS 22.101 version 11.10.0 Release 11)
31	ETSI TS 122 105 V12.1.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Services and service capabilities (3GPP TS 22.105 version 12.1.0 Release 12)
32	ETSI TS 122 173 V12.8.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); 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 12.8.0 Release 12)

33	ETSI TS 122 228 V12.9.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Service requirements for the Internet Protocol (IP) multimedia core network subsystem (IMS); Stage 1 (3GPP TS 22.228 version 12.9.0 Release 12)
34	ETSI TS 122 278 V12.6.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Service requirements for the Evolved Packet System (EPS) (3GPP TS 22.278 version 12.6.0 Release 12)
35	ETSI TS 123 041 V12.7.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Technical realization of Cell Broadcast Service (CBS) (3GPP TS 23.041 version 12.7.0 Release 12)
36	ETSI TS 123 237 V12.8.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) Service Continuity; Stage 2 (3GPP TS 23.237 version 12.8.0 Release 12)
37	ETSI TS 123 246 V12.4.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Multimedia Broadcast/Multicast Service (MBMS); Architecture and functional description (3GPP TS 23.246 version 12.4.0 Release 12)
38	ETSI TS 123 292 V12.5.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) centralized services; Stage 2 (3GPP TS 23.292 version 12.5.0 Release 12)
39	ETSI TS 123 303 V12.3.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Proximity based services (ProSe); Stage 2 (3GPP TS 23.303 version 12.3.0 Release 12)
40	ETSI TS 123 401 V9.16.0 (2015-01)	LTE; General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 9.16.0 Release 9)
41	ETSI TS 123 401 V10.13.0 (2015-01)	LTE; General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 10.13.0 Release 10)
42	ETSI TS 123 401 V11.11.0 (2015-01)	LTE; General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 11.11.0 Release 11)
43	ETSI TS 123 401 V12.7.0 (2015-01)	LTE; General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 12.7.0 Release 12)
44	ETSI TS 123 402 V10.10.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Architecture enhancements for non-3GPP accesses (3GPP TS 23.402 version 10.10.0 Release 10)
45	ETSI TS 123 402 V11.10.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Architecture enhancements for non-3GPP accesses (3GPP TS 23.402 version 11.10.0 Release 11)
46	ETSI TS 123 402 V12.7.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Architecture enhancements for non-3GPP accesses (3GPP TS 23.402 version 12.7.0 Release 12)
47	ETSI TS 123 468 V12.3.0 (2015-01)	LTE; Group Communication System Enablers for LTE (GCSE_LTE); Stage 2 (3GPP TS 23.468 version 12.3.0 Release 12)
48	ETSI TS 124 008 V11.13.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 (3GPP TS 24.008 version 11.13.0 Release 11)

49	ETSI TS 124 008 V12.8.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Mobile radio interface Layer 3 specification; Core network protocols; Stage 3 (3GPP TS 24.008 version 12.8.0 Release 12)
50	ETSI TS 124 103 V12.0.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Telepresence using the IP Multimedia (IM) Core Network (CN) Subsystem (IMS); Stage 3 (3GPP TS 24.103 version 12.0.0 Release 12)
51	ETSI TS 124 139 V11.4.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; 3GPP system - fixed broadband access network interworking; Stage 3 (3GPP TS 24.139 version 11.4.0 Release 11)
52	ETSI TS 124 139 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; 3GPP system - fixed broadband access network interworking; Stage 3 (3GPP TS 24.139 version 12.1.0 Release 12)
53	ETSI TS 124 147 V9.5.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3 (3GPP TS 24.147 version 9.5.0 Release 9)
54	ETSI TS 124 147 V10.5.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3 (3GPP TS 24.147 version 10.5.0 Release 10)
55	ETSI TS 124 147 V11.4.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3 (3GPP TS 24.147 version 11.4.0 Release 11)
56	ETSI TS 124 147 V12.4.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Conferencing using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3 (3GPP TS 24.147 version 12.4.0 Release 12)
57	ETSI TS 124 167 V12.3.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; 3GPP IMS Management Object (MO); Stage 3 (3GPP TS 24.167 version 12.3.0 Release 12)
58	ETSI TS 124 173 V12.3.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; IMS Multimedia telephony communication service and supplementary services; Stage 3 (3GPP TS 24.173 version 12.3.0 Release 12)
59	ETSI TS 125 104 V11.10.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); Base Station (BS) radio transmission and reception (FDD) (3GPP TS 25.104 version 11.10.0 Release 11)
60	ETSI TS 125 141 V11.10.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); Base Station (BS) conformance testing (FDD) (3GPP TS 25.141 version 11.10.0 Release 11)
61	ETSI TS 128 062 V12.0.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3 (3GPP TS 28.062 version 12.0.0 Release 12)

62	ETSI TS 134 121-2 V11.5.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); User Equipment (UE) conformance specification; Radio transmission and reception (FDD); Part 2: Implementation Conformance Statement (ICS) (3GPP TS 34.121-2 version 11.5.0 Release 11)
63	ETSI TS 134 123-2 V11.5.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) proforma specification (3GPP TS 34.123-2 version 11.5.0 Release 11)
64	ETSI TS 134 229-2 V12.3.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 2: Implementation Conformance Statement (ICS) specification (3GPP TS 34.229-2 version 12.3.0 Release 12)
65	ETSI TS 134 229-3 V10.5.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 3: Abstract test suite (ATS) (3GPP TS 34.229-3 version 10.5.0 Release 10)
66	ETSI TS 136 104 V11.11.0 (2015-01)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 11.11.0 Release 11)
67	ETSI TS 136 521-2 V12.4.0 (2015-01)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 2: Implementation Conformance Statement (ICS) (3GPP TS 36.521-2 version 12.4.0 Release 12)
68	ETSI TS 136 523-2 V12.4.0 (2015-01)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 2: Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.523-2 version 12.4.0 Release 12)
69	ETSI TR 136 903 V12.4.0 (2015-01)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Derivation of test tolerances for Radio Resource Management (RRM) conformance tests (3GPP TR 36.903 version 12.4.0 Release 12)
70	ETSI TR 136 904 V11.2.0 (2015-01)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Derivation of test tolerances for User Equipment (UE) radio reception conformance tests (3GPP TR 36.904 version 11.2.0 Release 11)
71	ETSI TS 137 571-1 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 1: Conformance test specification (3GPP TS 37.571-1 version 12.1.0 Release 12)
72	ETSI TS 137 571-2 V10.9.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 2: Protocol conformance (3GPP TS 37.571-2 version 10.9.0 Release 10)

73	ETSI TS 137 571-2 V11.0.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 2: Protocol conformance (3GPP TS 37.571-2 version 11.0.0 Release 11)
74	ETSI TS 137 571-2 V12.0.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 2: Protocol conformance (3GPP TS 37.571-2 version 12.0.0 Release 12)
75	ETSI TS 137 571-3 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 3: Implementation Conformance Statement (ICS) (3GPP TS 37.571-3 version 12.1.0 Release 12)
76	ETSI TS 137 571-4 V10.8.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 4: Test suites (3GPP TS 37.571-4 version 10.8.0 Release 10)
77	ETSI TS 137 571-5 V10.10.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 5: Test scenarios and assistance data (3GPP TS 37.571-5 version 10.10.0 Release 10)
78	ETSI TS 137 571-5 V11.0.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 5: Test scenarios and assistance data (3GPP TS 37.571-5 version 11.0.0 Release 11)
79	ETSI TS 137 571-5 V12.0.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 5: Test scenarios and assistance data (3GPP TS 37.571-5 version 12.0.0 Release 12)
80	ETSI TR 137 901 V11.13.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; User Equipment (UE) application layer data throughput performance (3GPP TR 37.901 version 11.13.0 Release 11)
81	ETSI TS 144 018 V12.4.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Mobile radio interface layer 3 specification; Radio Resource Control (RRC) protocol (3GPP TS 44.018 version 12.4.0 Release 12)
82	ETSI TS 144 060 V12.3.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); 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 12.3.0 Release 12)

83	ETSI TS 148 008 V11.9.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Mobile Switching Centre - Base Station system (MSC-BSS) interface; Layer 3 specification (3GPP TS 48.008 version 11.9.0 Release 11)
84	ETSI TS 148 008 V12.1.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Mobile Switching Centre - Base Station system (MSC-BSS) interface; Layer 3 specification (3GPP TS 48.008 version 12.1.0 Release 12)
85	ETSI TS 148 008 V10.10.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Mobile Switching Centre - Base Station system (MSC-BSS) interface; Layer 3 specification (3GPP TS 48.008 version 10.10.0 Release 10)
86	ETSI TS 148 018 V10.12.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS protocol (BSSGP) (3GPP TS 48.018 version 10.12.0 Release 10)
87	ETSI TS 148 018 V11.8.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS protocol (BSSGP) (3GPP TS 48.018 version 11.8.0 Release 11)
88	ETSI TS 148 018 V12.4.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS protocol (BSSGP) (3GPP TS 48.018 version 12.4.0 Release 12)
89	ETSI TS 151 010-2 V12.3.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification (3GPP TS 51.010-2 version 12.3.0 Release 12)
90	ETSI TS 151 010-5 V10.11.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Mobile Station (MS) conformance specification; Part 5: Inter-Radio-Access-Technology (RAT) (GERAN / UTRAN) interaction Abstract Test Suite (ATS) (3GPP TS 51.010-5 version 10.11.0 Release 10)
91	ETSI TS 151 010-7 V12.2.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Mobile Station (MS) conformance specification; Part 7: Location Services (LCS) test scenarios and assistance data (3GPP TS 51.010-7 version 12.2.0 Release 12)
92	ETSI TS 102 371 V3.1.1 (2015-01)	Digital Audio Broadcasting (DAB); Digital Radio Mondiale (DRM); Transportation and Binary Encoding Specification for Service and Programme Information (SPI)
93	ETSI TS 102 818 V3.1.1 (2015-01)	Hybrid Digital Radio (DAB, DRM, RadioDNS); XML Specification for Service and Programme Information (SPI)
94	ETSI TS 124 234 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; 3GPP system to Wireless Local Area Network (WLAN) interworking; WLAN User Equipment (WLAN UE) to network protocols; Stage 3 (3GPP TS 24.234 version 12.1.0 Release 12)
95	ETSI TS 124 235 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; 3GPP System to Wireless Local Area Network (WLAN) interworking Management Object (MO) (3GPP TS 24.235 version 12.1.0 Release 12)
96	ETSI TS 124 237 V10.17.0 (2015-01)	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 10.17.0 Release 10)

97	ETSI TS 124 237 V11.13.0 (2015-01)	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 11.13.0 Release 11)
98	ETSI TS 124 237 V9.19.0 (2015-01)	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 9.19.0 Release 9)
99	ETSI TS 124 244 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Wireless LAN control plane protocol for trusted WLAN access to EPC; Stage 3 (3GPP TS 24.244 version 12.1.0 Release 12)
100	ETSI TS 124 292 V12.6.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Core Network (CN) subsystem Centralized Services (ICS); Stage 3 (3GPP TS 24.292 version 12.6.0 Release 12)
101	ETSI TS 124 301 V11.13.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS); Stage 3 (3GPP TS 24.301 version 11.13.0 Release 11)
102	ETSI TS 124 301 V12.7.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS); Stage 3 (3GPP TS 24.301 version 12.7.0 Release 12)
103	ETSI TS 124 302 V12.7.0 (2015-01)	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 12.7.0 Release 12)
104	ETSI TS 124 312 V12.7.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Access Network Discovery and Selection Function (ANDSF) Management Object (MO) (3GPP TS 24.312 version 12.7.0 Release 12)
105	ETSI TS 124 315 V11.2.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) Operator Determined Barring (ODB); Stage 3: protocol specification (3GPP TS 24.315 version 11.2.0 Release 11)
106	ETSI TS 124 315 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) Operator Determined Barring (ODB); Stage 3: protocol specification (3GPP TS 24.315 version 12.1.0 Release 12)
107	ETSI TS 124 333 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Proximity services (ProSe) Management Objects (MO) (3GPP TS 24.333 version 12.1.0 Release 12)
108	ETSI TS 124 334 V12.1.1 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Proximity services (ProSe) User Equipment (UE) to ProSe function protocol aspects; Stage 3 (3GPP TS 24.334 version 12.1.1 Release 12)
109	ETSI TS 124 341 V12.6.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Support of SMS over IP networks; Stage 3 (3GPP TS 24.341 version 12.6.0 Release 12)
110	ETSI TS 124 371 V12.0.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Web Real-Time Communications (WebRTC) client access to the IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification (3GPP TS 24.371 version 12.0.0 Release 12)

111	ETSI TS 124 390 V12.2.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Unstructured Supplementary Service Data (USSD) using IP Multimedia (IM) Core Network (CN) subsystem IMS; Stage 3 (3GPP TS 24.390 version 12.2.0 Release 12)
112	ETSI TS 124 391 V12.2.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Unstructured Supplementary Service Data (USSD) using IP Multimedia (IM) Core Network (CN) subsystem (IMS) Management Object (MO) (3GPP TS 24.391 version 12.2.0 Release 12)
113	ETSI TS 124 523 V12.2.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Core and enterprise Next Generation Network (NGN) interaction scenarios; Architecture and functional description (3GPP TS 24.523 version 12.2.0 Release 12)
114	ETSI TS 124 524 V12.2.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Hosted enterprise services; Architecture, functional description and signalling (3GPP TS 24.524 version 12.2.0 Release 12)
115	ETSI TS 124 525 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Business trunking; Architecture and functional description (3GPP TS 24.525 version 12.1.0 Release 12)
116	ETSI TS 124 604 V12.5.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Communication Diversion (CDIV) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification (3GPP TS 24.604 version 12.5.0 Release 12)
117	ETSI TS 124 605 V12.4.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Conference (CONF) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification (3GPP TS 24.605 version 12.4.0 Release 12)
118	ETSI TS 124 607 V12.2.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Originating Identification Presentation (OIP) and Originating Identification Restriction (OIR) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification (3GPP TS 24.607 version 12.2.0 Release 12)
119	ETSI TS 124 610 V12.6.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Communication HOLD (HOLD) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification (3GPP TS 24.610 version 12.6.0 Release 12)
120	ETSI TS 124 611 V11.3.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Anonymous Communication Rejection (ACR) and Communication Barring (CB) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification (3GPP TS 24.611 version 11.3.0 Release 11)
121	ETSI TS 124 611 V12.4.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Anonymous Communication Rejection (ACR) and Communication Barring (CB) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification (3GPP TS 24.611 version 12.4.0 Release 12)
122	ETSI TS 124 615 V12.2.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Communication Waiting (CW) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol Specification (3GPP TS 24.615 version 12.2.0 Release 12)

123	ETSI TS 124 623 V12.6.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Extensible Markup Language (XML) Configuration Access Protocol (XCAP) over the Ut interface for Manipulating Supplementary Services (3GPP TS 24.623 version 12.6.0 Release 12)
124	ETSI TS 124 629 V12.5.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); 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 12.5.0 Release 12)
125	ETSI TR 124 969 V12.0.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Business Trunking; NGCN-NGN Interfaces Implementation Guide (3GPP TR 24.969 version 12.0.0 Release 12)
126	ETSI TS 126 114 V12.8.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS); Multimedia telephony; Media handling and interaction (3GPP TS 26.114 version 12.8.0 Release 12)
127	ETSI TS 126 131 V12.3.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Terminal acoustic characteristics for telephony; Requirements (3GPP TS 26.131 version 12.3.0 Release 12)
128	ETSI TS 126 132 V8.3.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Speech and video telephony terminal acoustic test specification (3GPP TS 26.132 version 8.3.0 Release 8)
129	ETSI TS 126 132 V9.4.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Speech and video telephony terminal acoustic test specification (3GPP TS 26.132 version 9.4.0 Release 9)
130	ETSI TS 126 132 V10.7.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Speech and video telephony terminal acoustic test specification (3GPP TS 26.132 version 10.7.0 Release 10)
131	ETSI TS 126 132 V11.5.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Speech and video telephony terminal acoustic test specification (3GPP TS 26.132 version 11.5.0 Release 11)
132	ETSI TS 126 132 V12.4.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Speech and video telephony terminal acoustic test specification (3GPP TS 26.132 version 12.4.0 Release 12)
133	ETSI TS 126 234 V12.5.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Transparent end-to-end Packet-switched Streaming Service (PSS); Protocols and codecs (3GPP TS 26.234 version 12.5.0 Release 12)
134	ETSI TS 126 247 V10.9.0 (2015-01)	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 10.9.0 Release 10)
135	ETSI TS 126 247 V11.8.0 (2015-01)	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 11.8.0 Release 11)
136	ETSI TS 126 247 V12.4.0 (2015-01)	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 12.4.0 Release 12)

137	ETSI TS 126 346 V12.4.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs (3GPP TS 26.346 version 12.4.0 Release 12)
138	ETSI TS 126 441 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); General overview (3GPP TS 26.441 version 12.1.0 Release 12)
139	ETSI TS 126 442 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); ANSI C code (fixed-point) (3GPP TS 26.442 version 12.1.0 Release 12)
140	ETSI TS 126 443 V12.0.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); ANSI C code (floating-point) (3GPP TS 26.443 version 12.0.0 Release 12)
141	ETSI TS 126 444 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Test sequences (3GPP TS 26.444 version 12.1.0 Release 12)
142	ETSI TS 126 447 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Error concealment of lost packets (3GPP TS 26.447 version 12.1.0 Release 12)
143	ETSI TS 126 448 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Jitter buffer management (3GPP TS 26.448 version 12.1.0 Release 12)
144	ETSI TR 126 946 V12.1.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Multimedia Broadcast/Multicast Service (MBMS) user service guidelines (3GPP TR 26.946 version 12.1.0 Release 12)
145	ETSI TR 126 952 V12.0.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Performance characterization (3GPP TR 26.952 version 12.0.0 Release 12)
146	ETSI TS 127 007 V12.7.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; AT command set for User Equipment (UE) (3GPP TS 27.007 version 12.7.0 Release 12)
147	ETSI TS 128 390 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Fixed Mobile Convergence (FMC); Interface Integration Reference Point (IRP) Solution Profiles (SPs) (3GPP TS 28.390 version 12.1.0 Release 12)
148	ETSI TS 128 611 V12.2.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Evolved Packet Core (EPC) and non-3GPP access interworking system Network Resource Model (NRM) Integration Reference Point (IRP); Requirements (3GPP TS 28.611 version 12.2.0 Release 12)
149	ETSI TS 128 612 V12.2.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Evolved Packet Core (EPC) and non-3GPP access interworking system Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) (3GPP TS 28.612 version 12.2.0 Release 12)

150	ETSI TS 128 616 V12.3.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Evolved Packet Core (EPC) and non-3GPP access interworking system Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.616 version 12.3.0 Release 12)
151	ETSI TS 128 628 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Self-Organizing Networks (SON) Policy Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) (3GPP TS 28.628 version 12.1.0 Release 12)
152	ETSI TS 128 651 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements (3GPP TS 28.651 version 12.1.0 Release 12)
153	ETSI TS 128 652 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Universal Terrestrial Radio Access Network (UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) (3GPP TS 28.652 version 12.1.0 Release 12)
154	ETSI TS 128 653 V12.1.0 (2015-01)	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 12.1.0 Release 12)
155	ETSI TS 128 657 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Requirements (3GPP TS 28.657 version 12.1.0 Release 12)
156	ETSI TS 128 658 V12.1.0 (2015-01)	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 12.1.0 Release 12)
157	ETSI TS 128 659 V11.5.0 (2015-01)	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 11.5.0 Release 11)
158	ETSI TS 128 659 V12.1.0 (2015-01)	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 12.1.0 Release 12)
159	ETSI TS 128 667 V12.0.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Radio Planning Tool (RPT) interface NRM IRP - Requirements (3GPP TS 28.667 version 12.0.0 Release 12)
160	ETSI TS 128 668 V12.0.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Radio Planning Tool (RPT) interface NRM IRP – Information Service (IS) (3GPP TS 28.668 version 12.0.0 Release 12)

161	ETSI TS 128 669 V12.0.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Radio Planning Tool (RPT) interface NRM IRP – Solution Set (SS) definitions (3GPP TS 28.669 version 12.0.0 Release 12)
162	ETSI TS 128 672 V11.2.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Home Node B (HNB) Subsystem (HNS) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) (3GPP TS 28.672 version 11.2.0 Release 11)
163	ETSI TS 128 672 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Home Node B (HNB) Subsystem (HNS) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) (3GPP TS 28.672 version 12.1.0 Release 12)
164	ETSI TS 128 702 V11.4.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Core Network (CN) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) (3GPP TS 28.702 version 11.4.0 Release 11)
165	ETSI TS 128 702 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Core Network (CN) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) (3GPP TS 28.702 version 12.1.0 Release 12)
166	ETSI TS 128 703 V11.3.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Core Network (CN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.703 version 11.3.0 Release 11)
167	ETSI TS 128 703 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Core Network (CN) Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.703 version 12.1.0 Release 12)
168	ETSI TS 129 061 V9.14.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); 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 9.14.0 Release 9)
169	ETSI TS 129 061 V10.12.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); 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 10.12.0 Release 10)
170	ETSI TS 129 061 V11.9.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); 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 11.9.0 Release 11)
171	ETSI TS 129 061 V12.8.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); 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 12.8.0 Release 12)

172	ETSI TS 129 118 V12.7.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Mobility Management Entity (MME) - Visitor Location Register (VLR) SGs interface specification (3GPP TS 29.118 version 12.7.0 Release 12)
173	ETSI TS 129 163 V12.6.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); 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 12.6.0 Release 12)
174	ETSI TS 129 165 V9.19.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 9.19.0 Release 9)
175	ETSI TS 129 165 V10.17.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 10.17.0 Release 10)
176	ETSI TS 129 165 V11.12.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 11.12.0 Release 11)
177	ETSI TS 129 165 V12.6.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 12.6.0 Release 12)
178	ETSI TS 129 201 V12.1.0 (2015-01)	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 12.1.0 Release 12)
179	ETSI TS 129 212 V10.16.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Policy and Charging Control (PCC); Reference points (3GPP TS 29.212 version 10.16.0 Release 10)
180	ETSI TS 129 212 V11.14.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Policy and Charging Control (PCC); Reference points (3GPP TS 29.212 version 11.14.0 Release 11)
181	ETSI TS 129 212 V12.7.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Policy and Charging Control (PCC); Reference points (3GPP TS 29.212 version 12.7.0 Release 12)
182	ETSI TS 129 213 V11.13.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 11.13.0 Release 11)
183	ETSI TS 129 213 V12.6.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 12.6.0 Release 12)
184	ETSI TS 129 214 V12.6.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control over Rx reference point (3GPP TS 29.214 version 12.6.0 Release 12)
185	ETSI TS 129 215 V10.9.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Policy and Charging Control (PCC) over S9 reference point; Stage 3 (3GPP TS 29.215 version 10.9.0 Release 10)

186	ETSI TS 129 215 V11.15.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Policy and Charging Control (PCC) over S9 reference point; Stage 3 (3GPP TS 29.215 version 11.15.0 Release 11)
187	ETSI TS 129 215 V12.6.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Policy and Charging Control (PCC) over S9 reference point; Stage 3 (3GPP TS 29.215 version 12.6.0 Release 12)
188	ETSI TS 129 368 V11.5.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Tsp interface protocol between the MTC Interworking Function (MTC-IWF) and Service Capability Server (SCS) (3GPP TS 29.368 version 11.5.0 Release 11)
189	ETSI TS 131 101 V8.3.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; UICC-terminal interface; Physical and logical characteristics (3GPP TS 31.101 version 8.3.0 Release 8)
190	ETSI TS 131 101 V9.2.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; UICC-terminal interface; Physical and logical characteristics (3GPP TS 31.101 version 9.2.0 Release 9)
191	ETSI TS 131 101 V10.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; UICC-terminal interface; Physical and logical characteristics (3GPP TS 31.101 version 10.1.0 Release 10)
192	ETSI TS 131 101 V11.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; UICC-terminal interface; Physical and logical characteristics (3GPP TS 31.101 version 11.1.0 Release 11)
193	ETSI TS 131 101 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; UICC-terminal interface; Physical and logical characteristics (3GPP TS 31.101 version 12.1.0 Release 12)
194	ETSI TS 131 111 V10.15.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 10.15.0 Release 10)
195	ETSI TS 131 111 V11.11.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 11.11.0 Release 11)
196	ETSI TS 131 111 V12.6.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 12.6.0 Release 12)
197	ETSI TS 132 103 V11.5.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Integration Reference Point (IRP) overview and usage guide (3GPP TS 32.103 version 11.5.0 Release 11)
198	ETSI TS 132 103 V12.1.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Integration Reference Point (IRP) overview and usage guide (3GPP TS 32.103 version 12.1.0 Release 12)
199	ETSI TS 132 111-1 V12.1.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Fault Management; Part 1: 3G fault management requirements (3GPP TS 32.111-1 version 12.1.0 Release 12)

200	ETSI TS 132 111-2 V12.1.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Fault Management; Part 2: Alarm Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.111-2 version 12.1.0 Release 12)
201	ETSI TS 132 111-6 V12.1.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Fault Management; Part 6: Alarm Integration Reference Point (IRP): Solution Set (SS) definitions (3GPP TS 32.111-6 version 12.1.0 Release 12)
202	ETSI TS 132 130 V12.0.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Network sharing; Concepts and requirements (3GPP TS 32.130 version 12.0.0 Release 12)
203	ETSI TS 132 240 V12.6.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Charging architecture and principles (3GPP TS 32.240 version 12.6.0 Release 12)
204	ETSI TS 132 250 V12.3.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Circuit Switched (CS) domain charging (3GPP TS 32.250 version 12.3.0 Release 12)
205	ETSI TS 132 251 V12.8.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Packet Switched (PS) domain charging (3GPP TS 32.251 version 12.8.0 Release 12)
206	ETSI TS 132 260 V11.14.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 11.14.0 Release 11)
207	ETSI TS 132 260 V12.6.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 12.6.0 Release 12)
208	ETSI TS 132 270 V12.1.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Multimedia Messaging Service (MMS) charging (3GPP TS 32.270 version 12.1.0 Release 12)
209	ETSI TS 132 271 V12.1.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Location Services (LCS) charging (3GPP TS 32.271 version 12.1.0 Release 12)
210	ETSI TS 132 272 V12.1.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Push-to-talk over Cellular (PoC) charging (3GPP TS 32.272 version 12.1.0 Release 12)

211	ETSI TS 132 273 V12.1.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Multimedia Broadcast and Multicast Service (MBMS) charging (3GPP TS 32.273 version 12.1.0 Release 12)
212	ETSI TS 132 274 V12.5.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Short Message Service (SMS) charging (3GPP TS 32.274 version 12.5.0 Release 12)
213	ETSI TS 132 275 V12.2.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; MultiMedia Telephony (MMTel) charging (3GPP TS 32.275 version 12.2.0 Release 12)
214	ETSI TS 132 277 V12.0.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Proximity-based Services (ProSe) charging (3GPP TS 32.277 version 12.0.0 Release 12)
215	ETSI TS 132 280 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Advice of Charge (AoC) service (3GPP TS 32.280 version 12.1.0 Release 12)
216	ETSI TS 132 295 V12.2.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Charging Data Record (CDR) transfer (3GPP TS 32.295 version 12.2.0 Release 12)
217	ETSI TS 132 296 V12.3.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Online Charging System (OCS): Applications and interfaces (3GPP TS 32.296 version 12.3.0 Release 12)
218	ETSI TS 132 297 V12.2.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Charging Data Record (CDR) file format and transfer (3GPP TS 32.297 version 12.2.0 Release 12)
219	ETSI TS 132 298 V9.20.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 9.20.0 Release 9)
220	ETSI TS 132 298 V10.17.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 10.17.0 Release 10)
221	ETSI TS 132 298 V11.12.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 11.12.0 Release 11)
222	ETSI TS 132 298 V12.6.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 12.6.0 Release 12)

223	ETSI ES 203 259 V1.1.1 (2015-01)	Integrated broadband cable telecommunication networks (CABLE); Converged Cable Access Platform; Operational Support System Interface
224	ETSI TS 103 315 V1.1.1 (2015-01)	SmartM2M; Machine-to-Machine communications (M2M); Interoperability Test Specification for ETSI M2M Primitives
225	ETSI TS 123 003 V12.5.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Numbering, addressing and identification (3GPP TS 23.003 version 12.5.0 Release 12)
226	ETSI TS 123 007 V12.7.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Restoration procedures (3GPP TS 23.007 version 12.7.0 Release 12)
227	ETSI TS 123 008 V10.7.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Organization of subscriber data (3GPP TS 23.008 version 10.7.0 Release 10)
228	ETSI TS 123 008 V11.11.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Organization of subscriber data (3GPP TS 23.008 version 11.11.0 Release 11)
229	ETSI TS 123 008 V12.5.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Organization of subscriber data (3GPP TS 23.008 version 12.5.0 Release 12)
230	ETSI TS 123 333 V12.4.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); 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 12.4.0 Release 12)
231	ETSI TS 123 334 V12.6.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); 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 12.6.0 Release 12)
232	ETSI TS 123 380 V12.1.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IMS Restoration Procedures (3GPP TS 23.380 version 12.1.0 Release 12)
233	ETSI TS 125 101 V10.13.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101 version 10.13.0 Release 10)
234	ETSI TS 125 101 V11.11.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101 version 11.11.0 Release 11)
235	ETSI TS 125 101 V12.6.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); User Equipment (UE) radio transmission and reception (FDD) (3GPP TS 25.101 version 12.6.0 Release 12)
236	ETSI TS 125 104 V12.5.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); Base Station (BS) radio transmission and reception (FDD) (3GPP TS 25.104 version 12.5.0 Release 12)
237	ETSI TS 125 105 V11.8.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); Base Station (BS) radio transmission and reception (TDD) (3GPP TS 25.105 version 11.8.0 Release 11)
238	ETSI TS 125 105 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); Base Station (BS) radio transmission and reception (TDD) (3GPP TS 25.105 version 12.1.0 Release 12)

239	ETSI TS 125 106 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); UTRA repeater radio transmission and reception (3GPP TS 25.106 version 12.1.0 Release 12)
240	ETSI TS 125 133 V12.6.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); Requirements for support of radio resource management (FDD) (3GPP TS 25.133 version 12.6.0 Release 12)
241	ETSI TS 125 141 V12.6.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); Base Station (BS) conformance testing (FDD) (3GPP TS 25.141 version 12.6.0 Release 12)
242	ETSI TS 125 142 V11.4.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); Base Station (BS) conformance testing (TDD) (3GPP TS 25.142 version 11.4.0 Release 11)
243	ETSI TS 125 142 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); Base Station (BS) conformance testing (TDD) (3GPP TS 25.142 version 12.1.0 Release 12)
244	ETSI TS 125 143 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); UTRA repeater conformance testing (3GPP TS 25.143 version 12.1.0 Release 12)
245	ETSI TS 125 211 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); Physical channels and mapping of transport channels onto physical channels (FDD) (3GPP TS 25.211 version 12.1.0 Release 12)
246	ETSI TS 125 212 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); Multiplexing and channel coding (FDD) (3GPP TS 25.212 version 12.1.0 Release 12)
247	ETSI TS 125 214 V11.11.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); Physical layer procedures (FDD) (3GPP TS 25.214 version 11.11.0 Release 11)
248	ETSI TS 125 214 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); Physical layer procedures (FDD) (3GPP TS 25.214 version 12.1.0 Release 12)
249	ETSI TS 125 300 V12.3.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); Universal Terrestrial Radio Access Network (UTRAN); General description; Stage 2 (3GPP TS 25.300 version 12.3.0 Release 12)
250	ETSI TS 125 302 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); Services provided by the physical layer (3GPP TS 25.302 version 12.1.0 Release 12)
251	ETSI TS 125 305 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); Stage 2 functional specification of User Equipment (UE) positioning in UTRAN (3GPP TS 25.305 version 12.1.0 Release 12)
252	ETSI TS 125 306 V11.10.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); UE Radio Access capabilities (3GPP TS 25.306 version 11.10.0 Release 11)
253	ETSI TS 125 306 V12.4.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); UE Radio Access capabilities (3GPP TS 25.306 version 12.4.0 Release 12)
254	ETSI TS 125 308 V12.2.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); High Speed Downlink Packet Access (HSDPA); Overall description; Stage 2 (3GPP TS 25.308 version 12.2.0 Release 12)
255	ETSI TS 125 319 V12.2.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); Enhanced uplink; Overall description; Stage 2 (3GPP TS 25.319 version 12.2.0 Release 12)
256	ETSI TS 125 402 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); Synchronisation in UTRAN Stage 2 (3GPP TS 25.402 version 12.1.0 Release 12)

257	ETSI TS 125 413 V12.3.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); UTRAN Iu interface Radio Access Network Application Part (RANAP) signalling (3GPP TS 25.413 version 12.3.0 Release 12)
258	ETSI TS 125 419 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); UTRAN Iu-BC interface: Service Area Broadcast Protocol (SABP) (3GPP TS 25.419 version 12.1.0 Release 12)
259	ETSI TS 125 423 V12.3.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling (3GPP TS 25.423 version 12.3.0 Release 12)
260	ETSI TS 125 425 V12.2.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); UTRAN Iur interface user plane protocols for Common Transport Channel data streams (3GPP TS 25.425 version 12.2.0 Release 12)
261	ETSI TS 125 453 V12.2.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); UTRAN Iupc interface Positioning Calculation Application Part (PCAP) signalling (3GPP TS 25.453 version 12.2.0 Release 12)
262	ETSI TS 125 467 V12.3.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); UTRAN architecture for 3G Home Node B (HNB); Stage 2 (3GPP TS 25.467 version 12.3.0 Release 12)
263	ETSI TS 125 468 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); UTRAN Iuh Interface RANAP User Adaption (RUA) signalling (3GPP TS 25.468 version 12.1.0 Release 12)
264	ETSI TS 125 469 V12.3.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); UTRAN Iuh interface Home Node B (HNB) Application Part (HNBAP) signalling (3GPP TS 25.469 version 12.3.0 Release 12)
265	ETSI TS 125 470 V12.2.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); UTRAN Iuh Interface PCAP User Adaption (PUA) signalling (3GPP TS 25.470 version 12.2.0 Release 12)
266	ETSI TS 125 471 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); UTRAN Iurh interface Radio Network Subsystem Application Part (RNSAP) User Adaption (RNA) signalling (3GPP TS 25.471 version 12.1.0 Release 12)
267	ETSI TS 129 002 V11.11.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Mobile Application Part (MAP) specification (3GPP TS 29.002 version 11.11.0 Release 11)
268	ETSI TS 129 002 V12.7.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Mobile Application Part (MAP) specification (3GPP TS 29.002 version 12.7.0 Release 12)
269	ETSI TS 129 060 V11.11.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); 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 11.11.0 Release 11)
270	ETSI TS 129 060 V12.7.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); 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 12.7.0 Release 12)
271	ETSI TS 129 060 V9.14.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); 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 9.14.0 Release 9)

272	ETSI TS 129 060 V10.12.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); 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 10.12.0 Release 10)
273	ETSI TS 129 162 V12.6.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between the IM CN subsystem and IP networks (3GPP TS 29.162 version 12.6.0 Release 12)
274	ETSI TS 129 168 V12.7.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Cell Broadcast Centre interfaces with the Evolved Packet Core; Stage 3 (3GPP TS 29.168 version 12.7.0 Release 12)
275	ETSI TS 129 212 V8.24.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Policy and Charging Control (PCC); Reference points (3GPP TS 29.212 version 8.24.0 Release 8)
276	ETSI TS 129 212 V9.19.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Policy and Charging Control (PCC); Reference points (3GPP TS 29.212 version 9.19.0 Release 9)
277	ETSI TS 129 213 V9.14.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 9.14.0 Release 9)
278	ETSI TS 129 228 V12.4.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents (3GPP TS 29.228 version 12.4.0 Release 12)
279	ETSI TS 129 229 V12.4.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Cx and Dx interfaces based on the Diameter protocol; Protocol details (3GPP TS 29.229 version 12.4.0 Release 12)
280	ETSI TS 129 230 V9.17.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Diameter applications; 3GPP specific codes and identifiers (3GPP TS 29.230 version 9.17.0 Release 9)
281	ETSI TS 129 230 V10.13.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Diameter applications; 3GPP specific codes and identifiers (3GPP TS 29.230 version 10.13.0 Release 10)
282	ETSI TS 129 230 V11.12.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Diameter applications; 3GPP specific codes and identifiers (3GPP TS 29.230 version 11.12.0 Release 11)
283	ETSI TS 129 230 V12.7.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Diameter applications; 3GPP specific codes and identifiers (3GPP TS 29.230 version 12.7.0 Release 12)
284	ETSI TS 129 230 V8.19.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Diameter applications; 3GPP specific codes and identifiers (3GPP TS 29.230 version 8.19.0 Release 8)
285	ETSI TS 129 232 V12.1.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Media Gateway Controller (MGC) - Media Gateway (MGW) interface; Stage 3 (3GPP TS 29.232 version 12.1.0 Release 12)

286	ETSI TS 129 238 V12.4.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Interconnection Border Control Functions (IBCF) - Transition Gateway (TrGW) interface, Ix interface; Stage 3 (3GPP TS 29.238 version 12.4.0 Release 12)
287	ETSI TS 129 272 V11.11.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; 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 11.11.0 Release 11)
288	ETSI TS 129 272 V12.7.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; 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 12.7.0 Release 12)
289	ETSI TS 129 273 V9.14.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Evolved Packet System (EPS); 3GPP EPS AAA interfaces (3GPP TS 29.273 version 9.14.0 Release 9)
290	ETSI TS 129 273 V10.12.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Evolved Packet System (EPS); 3GPP EPS AAA interfaces (3GPP TS 29.273 version 10.12.0 Release 10)
291	ETSI TS 129 273 V11.10.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Evolved Packet System (EPS); 3GPP EPS AAA interfaces (3GPP TS 29.273 version 11.10.0 Release 11)
292	ETSI TS 129 273 V8.15.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Evolved Packet System (EPS); 3GPP EPS AAA interfaces (3GPP TS 29.273 version 8.15.0 Release 8)
293	ETSI TS 129 273 V12.6.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Evolved Packet System (EPS); 3GPP EPS AAA interfaces (3GPP TS 29.273 version 12.6.0 Release 12)
294	ETSI TS 129 274 V12.7.0 (2015-01)	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 12.7.0 Release 12)
295	ETSI TS 129 274 V11.13.0 (2015-01)	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 11.13.0 Release 11)
296	ETSI TS 129 274 V10.14.0 (2015-01)	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 10.14.0 Release 10)
297	ETSI TS 129 274 V9.13.0 (2015-01)	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 9.13.0 Release 9)
298	ETSI TS 129 275 V12.5.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Proxy Mobile IPv6 (PMIPv6) based Mobility and Tunnelling protocols; Stage 3 (3GPP TS 29.275 version 12.5.0 Release 12)
299	ETSI TS 129 276 V12.3.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; 3GPP Evolved Packet System (EPS); Optimized handover procedures and protocols between E-UTRAN access and cdma2000 HRPD Access; Stage 3 (3GPP TS 29.276 version 12.3.0 Release 12)

300	ETSI TS 129 281 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; General Packet Radio System (GPRS) Tunnelling Protocol User Plane (GTPv1-U) (3GPP TS 29.281 version 12.1.0 Release 12)
301	ETSI TS 129 292 V12.4.0 (2015-01)	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 12.4.0 Release 12)
302	ETSI TS 129 328 V8.16.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Subsystem Sh interface; Signalling flows and message contents (3GPP TS 29.328 version 8.16.0 Release 8)
303	ETSI TS 129 328 V9.14.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Subsystem Sh interface; Signalling flows and message contents (3GPP TS 29.328 version 9.14.0 Release 9)
304	ETSI TS 129 328 V10.12.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Subsystem Sh interface; Signalling flows and message contents (3GPP TS 29.328 version 10.12.0 Release 10)
305	ETSI TS 129 328 V11.13.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Subsystem Sh interface; Signalling flows and message contents (3GPP TS 29.328 version 11.13.0 Release 11)
306	ETSI TS 129 328 V12.7.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Subsystem Sh interface; Signalling flows and message contents (3GPP TS 29.328 version 12.7.0 Release 12)
307	ETSI TS 129 329 V12.5.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Sh interface based on the Diameter protocol; Protocol details (3GPP TS 29.329 version 12.5.0 Release 12)
308	ETSI TS 129 332 V12.1.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Media Gateway Control Function (MGCF) - IM Media Gateway; Mn interface (3GPP TS 29.332 version 12.1.0 Release 12)
309	ETSI TS 129 333 V12.4.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3 (3GPP TS 29.333 version 12.4.0 Release 12)
310	ETSI TS 129 334 V12.5.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); 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 12.5.0 Release 12)
311	ETSI TS 129 336 V12.3.0 (2015-01)	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 12.3.0 Release 12)

312	ETSI TS 129 337 V12.4.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Diameter-based T4 Interface for communications with packet data networks and applications (3GPP TS 29.337 version 12.4.0 Release 12)
313	ETSI TS 129 338 V11.2.0 (2015-01)	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 11.2.0 Release 11)
314	ETSI TS 129 338 V12.5.0 (2015-01)	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 12.5.0 Release 12)
315	ETSI TS 129 343 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Proximity services (ProSe) function to ProSe application server aspects (PC2); Stage 3 (3GPP TS 29.343 version 12.1.0 Release 12)
316	ETSI TS 129 344 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Proximity services (ProSe) function to Home Subscriber Server (HSS) aspects; Stage 3 (3GPP TS 29.344 version 12.1.0 Release 12)
317	ETSI TS 129 345 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Inter-Proximity-services (ProSe) function signalling aspects; Stage 3 (3GPP TS 29.345 version 12.1.0 Release 12)
318	ETSI TS 129 368 V12.3.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Tsp interface protocol between the MTC Interworking Function (MTC-IWF) and Service Capability Server (SCS) (3GPP TS 29.368 version 12.3.0 Release 12)
319	ETSI TS 129 468 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Group Communication System Enablers for LTE (GCSE_LTE); MB2 reference point; Stage 3 (3GPP TS 29.468 version 12.1.0 Release 12)
320	ETSI TS 131 102 V12.6.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 12.6.0 Release 12)
321	ETSI TS 131 115 V12.1.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications (3GPP TS 31.115 version 12.1.0 Release 12)
322	ETSI TS 131 121 V11.6.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 11.6.0 Release 11)
323	ETSI TS 131 121 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 12.1.0 Release 12)
324	ETSI TS 132 299 V9.19.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Diameter charging applications (3GPP TS 32.299 version 9.19.0 Release 9)
325	ETSI TS 132 299 V10.14.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Diameter charging applications (3GPP TS 32.299 version 10.14.0 Release 10)

326	ETSI TS 132 299 V11.14.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Diameter charging applications (3GPP TS 32.299 version 11.14.0 Release 11)
327	ETSI TS 132 299 V12.7.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Diameter charging applications (3GPP TS 32.299 version 12.7.0 Release 12)
328	ETSI TS 132 300 V12.1.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Configuration Management (CM); Name convention for Managed Objects (3GPP TS 32.300 version 12.1.0 Release 12)
329	ETSI TS 132 421 V12.1.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Subscriber and equipment trace; Trace concepts and requirements (3GPP TS 32.421 version 12.1.0 Release 12)
330	ETSI TS 132 422 V12.4.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Subscriber and equipment trace; Trace control and configuration management (3GPP TS 32.422 version 12.4.0 Release 12)
331	ETSI TS 132 423 V12.1.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Subscriber and equipment trace; Trace data definition and management (3GPP TS 32.423 version 12.1.0 Release 12)
332	ETSI TS 132 442 V12.1.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Trace Management Integration Reference Point (IRP); Information Service (IS) (3GPP TS 32.442 version 12.1.0 Release 12)
333	ETSI TS 132 500 V12.1.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Self-Organizing Networks (SON); Concepts and requirements (3GPP TS 32.500 version 12.1.0 Release 12)
334	ETSI TS 133 102 V8.7.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); 3G security; Security architecture (3GPP TS 33.102 version 8.7.0 Release 8)
335	ETSI TS 133 102 V9.6.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); 3G security; Security architecture (3GPP TS 33.102 version 9.6.0 Release 9)
336	ETSI TS 133 102 V10.2.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); 3G security; Security architecture (3GPP TS 33.102 version 10.2.0 Release 10)
337	ETSI TS 133 102 V11.7.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); 3G security; Security architecture (3GPP TS 33.102 version 11.7.0 Release 11)
338	ETSI TS 133 102 V12.2.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); 3G security; Security architecture (3GPP TS 33.102 version 12.2.0 Release 12)

339	ETSI TS 133 106 V12.5.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; 3G security; Lawful interception requirements (3GPP TS 33.106 version 12.5.0 Release 12)
340	ETSI TS 133 107 V12.9.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; 3G security; Lawful interception architecture and functions (3GPP TS 33.107 version 12.9.0 Release 12)
341	ETSI TS 133 108 V9.8.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; 3G security; Handover interface for Lawful Interception (LI) (3GPP TS 33.108 version 9.8.0 Release 9)
342	ETSI TS 133 108 V10.6.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; 3G security; Handover interface for Lawful Interception (LI) (3GPP TS 33.108 version 10.6.0 Release 10)
343	ETSI TS 133 108 V11.6.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; 3G security; Handover interface for Lawful Interception (LI) (3GPP TS 33.108 version 11.6.0 Release 11)
344	ETSI TS 133 108 V12.7.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; 3G security; Handover interface for Lawful Interception (LI) (3GPP TS 33.108 version 12.7.0 Release 12)
345	ETSI TS 133 203 V12.8.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; 3G security; Access security for IP-based services (3GPP TS 33.203 version 12.8.0 Release 12)
346	ETSI TS 133 246 V12.2.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; 3G Security; Security of Multimedia Broadcast/Multicast Service (MBMS) (3GPP TS 33.246 version 12.2.0 Release 12)
347	ETSI TS 133 303 V12.2.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Proximity based Services (ProSe); Security aspects (3GPP TS 33.303 version 12.2.0 Release 12)
348	ETSI TS 133 401 V12.13.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; 3GPP System Architecture Evolution (SAE); Security architecture (3GPP TS 33.401 version 12.13.0 Release 12)
349	ETSI TS 133 402 V12.5.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; 3GPP System Architecture Evolution (SAE); Security aspects of non-3GPP accesses (3GPP TS 33.402 version 12.5.0 Release 12)
350	ETSI TS 134 108 V11.12.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Common test environments for User Equipment (UE); Conformance testing (3GPP TS 34.108 version 11.12.0 Release 11)
351	ETSI TR 135 934 V12.0.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Report on the design and evaluation of the Tuak algorithm set: A second example algorithm set for the 3GPP authentication and key generation functions; (3GPP TR 35.934 version 12.0.0 Release 12)
352	ETSI TR 135 935 V12.0.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Performance evaluation of the Tuak algorithm set (3GPP TR 35.935 version 12.0.0 Release 12)
353	ETSI TR 135 936 V12.0.0 (2015-01)	Universal Mobile Telecommunications System (UMTS); LTE; Security assessment of the Tuak algorithm set (3GPP TR 35.936 version 12.0.0 Release 12)
354	ETSI TS 145 001 V12.1.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Physical layer on the radio path; General description (3GPP TS 45.001 version 12.1.0 Release 12)

355	ETSI TS 145 002 V12.3.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Multiplexing and multiple access on the radio path (3GPP TS 45.002 version 12.3.0 Release 12)
356	ETSI TS 145 005 V12.4.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Radio transmission and reception (3GPP TS 45.005 version 12.4.0 Release 12)
357	ETSI TS 145 008 V12.4.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Radio subsystem link control (3GPP TS 45.008 version 12.4.0 Release 12)
358	ETSI TS 145 009 V12.1.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Link adaptation (3GPP TS 45.009 version 12.1.0 Release 12)
359	ETSI TR 145 050 V12.1.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Background for Radio Frequency (RF) requirements (3GPP TR 45.050 version 12.1.0 Release 12)
360	ETSI TS 151 021 V12.3.0 (2015-01)	Digital cellular telecommunications system (Phase 2+); Base Station System (BSS) equipment specification; Radio aspects (3GPP TS 51.021 version 12.3.0 Release 12)