

Nr.	Standard reference	Title
1	ETSI GS NFV-IFA 031 V3.4.1 (2020-07)	Network Functions Virtualisation (NFV) Release 3; Management and Orchestration; Requirements and interfaces specification for management of NFV-MANO
2	ETSI TS 101 162 V1.9.1 (2020-07)	Digital Video Broadcasting (DVB); Allocation of identifiers and codes for Digital Video Broadcasting (DVB) systems
3	ETSI TS 102 226 V16.0.0 (2020-07)	Smart Cards; Remote APDU structure for UICC based applications (Release 16)
4	ETSI TS 102 182 V1.5.1 (2020-07)	Emergency Communications (EMTEL); Requirements for communications from authorities/organizations to individuals, groups or the general public during emergencies
5	ETSI EN 303 648 V1.1.2 (2020-07)	Reconfigurable Radio Systems (RRS); Radio Equipment (RE) reconfiguration architecture
6	ETSI EN 319 412-2 V2.2.1 (2020-07)	Electronic Signatures and Infrastructures (ESI); Certificate Profiles; Part 2: Certificate profile for certificates issued to natural persons
7	ETSI EN 319 412-3 V1.2.1 (2020-07)	Electronic Signatures and Infrastructures (ESI); Certificate Profiles; Part 3: Certificate profile for certificates issued to legal persons
8	ETSI TS 103 410-9 V1.1.1 (2020-07)	SmartM2M; Extension to SAREF; Part 9: Wearables Domain
9	ETSI TS 103 410-10 V1.1.1 (2020-07)	SmartM2M; Extension to SAREF; Part 10: Water Domain
10	ETSI TS 103 636-1 V1.1.1 (2020-07)	DECT-2020 New Radio (NR); Part 1: Overview; Release 1
11	ETSI TS 103 636-2 V1.1.1 (2020-07)	DECT-2020 New Radio (NR); Part 2: Radio reception and transmission requirements; Release 1
12	ETSI TS 103 636-3 V1.1.1 (2020-07)	DECT-2020 New Radio (NR); Part 3: Physical layer; Release 1
13	ETSI TS 103 636-4 V1.1.1 (2020-07)	DECT-2020 New Radio (NR); Part 4: MAC layer; Release 1
14	ETSI TR 118 518 V2.5.1 (2020-07)	oneM2M; Industrial Domain Enablement (oneM2M TR-0018 version 2.5.1 Release 2A)
15	ETSI TS 102 412 V16.0.0 (2020-07)	Smart Cards; Smart Card Platform Requirements Stage 1 (Release 16)
16	ETSI TS 103 410-7 V1.1.1 (2020-07)	SmartM2M; Extension to SAREF; Part 7: Automotive Domain
17	ETSI TS 103 410-8 V1.1.1 (2020-07)	SmartM2M; Extension to SAREF; Part 8: eHealth/Ageing-well Domain
18	ETSI TS 103 504 V1.1.1 (2020-07)	Speech and multimedia Transmission Quality (STQ); Methods and procedures for evaluating performance of voice-controlled devices and functions: far talk voice assistant devices
19	ETSI TR 103 619 V1.1.1 (2020-07)	CYBER; Migration strategies and recommendations to Quantum Safe schemes
20	ETSI TR 103 714 V1.1.1 (2020-07)	SmartM2M; Study for oneM2M Discovery and Query use cases and requirements
21	ETSI TS 121 111 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; USIM and IC card requirements (3GPP TS 21.111 version 16.0.0 Release 16)
22	ETSI TS 123 003 V15.9.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Numbering, addressing and identification (3GPP TS 23.003 version 15.9.0 Release 15)
23	ETSI TS 123 009 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Handover procedures (3GPP TS 23.009 version 16.0.0 Release 16)
24	ETSI TS 123 011 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Technical realization of Supplementary Services (3GPP TS 23.011 version 16.0.0 Release 16)
25	ETSI TS 123 012 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Location management procedures (3GPP TS 23.012 version 16.0.0 Release 16)
26	ETSI TS 123 016 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Subscriber data management; Stage 2 (3GPP TS 23.016 version 16.0.0 Release 16)
27	ETSI TS 123 018 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Basic call handling; Technical realization (3GPP TS 23.018 version 16.0.0 Release 16)
28	ETSI TS 123 066 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Support of Mobile Number Portability (MNP); Technical realization; Stage 2 (3GPP TS 23.066 version 16.0.0 Release 16)
29	ETSI TS 123 067 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); enhanced Multi-Level Precedence and Pre-emption Service (eMLPP); Stage 2 (3GPP TS 23.067 version 16.0.0 Release 16)
30	ETSI TS 123 072 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Call Deflection (CD) supplementary service; Stage 2 (3GPP TS 23.072 version 16.0.0 Release 16)

31	ETSI TS 123 078 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 4; Stage 2 (3GPP TS 23.078 version 16.0.0 Release 16)
32	ETSI TS 123 079 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Support of Optimal Routing (SOR); Technical realization (3GPP TS 23.079 version 16.0.0 Release 16)
33	ETSI TS 123 081 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Line Identification supplementary services; Stage 2 (3GPP TS 23.081 version 16.0.0 Release 16)
34	ETSI TS 123 082 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Call Forwarding (CF) supplementary services; Stage 2 (3GPP TS 23.082 version 16.0.0 Release 16)
35	ETSI TS 123 083 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 2 (3GPP TS 23.083 version 16.0.0 Release 16)
36	ETSI TS 123 084 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Multi Party (MPTY) supplementary service; Stage 2 (3GPP TS 23.084 version 16.0.0 Release 16)
37	ETSI TS 123 085 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Closed User Group (CUG) supplementary service; Stage 2 (3GPP TS 23.085 version 16.0.0 Release 16)
38	ETSI TS 123 086 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Advice of Charge (AoC) supplementary services; Stage 2 (3GPP TS 23.086 version 16.0.0 Release 16)
39	ETSI TS 123 087 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); User-to-User Signalling (UUS) supplementary service; Stage 2 (3GPP TS 23.087 version 16.0.0 Release 16)
40	ETSI TS 123 088 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Call Barring (CB) Supplementary Services; Stage 2 (3GPP TS 23.088 version 16.0.0 Release 16)
41	ETSI TS 123 090 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Unstructured Supplementary Service Data (USSD); Stage 2 (3GPP TS 23.090 version 16.0.0 Release 16)
42	ETSI TS 123 091 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Explicit Call Transfer (ECT) supplementary service; Stage 2 (3GPP TS 23.091 version 16.0.0 Release 16)
43	ETSI TS 123 093 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Technical realization of Completion of Calls to Busy Subscriber (CCBS); Stage 2 (3GPP TS 23.093 version 16.0.0 Release 16)
44	ETSI TS 123 094 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Follow-Me (FM); Stage 2 (3GPP TS 23.094 version 16.0.0 Release 16)
45	ETSI TS 123 096 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Name identification supplementary services; Stage 2 (3GPP TS 23.096 version 16.0.0 Release 16)
46	ETSI TS 123 097 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Multiple Subscriber Profile (MSP) (Phase 2); Stage 2 (3GPP TS 23.097 version 16.0.0 Release 16)
47	ETSI TS 123 116 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Super-Charger technical realization; Stage 2 (3GPP TS 23.116 version 16.0.0 Release 16)
48	ETSI TS 123 119 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Gateway Location Register (GLR); Stage 2 (3GPP TS 23.119 version 16.0.0 Release 16)
49	ETSI TS 123 135 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Multicall supplementary service; Stage 2 (3GPP TS 23.135 version 16.0.0 Release 16)
50	ETSI TS 123 153 V16.0.0 (2020-07)	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 16.0.0 Release 16)

51	ETSI TS 123 205 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Bearer-independent circuit-switched core network; Stage 2 (3GPP TS 23.205 version 16.0.0 Release 16)
52	ETSI TS 123 231 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); SIP-I based circuit-switched core network; Stage 2 (3GPP TS 23.231 version 16.0.0 Release 16)
53	ETSI TS 123 278 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase 4; Stage 2; IM CN Interworking (3GPP TS 23.278 version 16.0.0 Release 16)
54	ETSI TS 123 284 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Local Call Local Switch (LCLS); Stage 2 (3GPP TS 23.284 version 16.0.0 Release 16)
55	ETSI TS 123 335 V16.0.0 (2020-07)	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 16.0.0 Release 16)
56	ETSI TS 123 379 V16.6.1 (2020-07)	LTE; Functional architecture and information flows to support Mission Critical Push To Talk (MCPTT); Stage 2 (3GPP TS 23.379 version 16.6.1 Release 16)
57	ETSI TS 124 010 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Mobile radio interface layer 3; Supplementary services specification; General aspects (3GPP TS 24.010 version 16.0.0 Release 16)
58	ETSI TS 124 030 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Location Services (LCS); Supplementary service operations; Stage 3 (3GPP TS 24.030 version 16.0.0 Release 16)
59	ETSI TS 124 067 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Enhanced Multi-Level Precedence and Pre-emption service (eMLPP); Stage 3 (3GPP TS 24.067 version 16.0.0 Release 16)
60	ETSI TS 124 072 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Call Deflection (CD) supplementary service; Stage 3 (3GPP TS 24.072 version 16.0.0 Release 16)
61	ETSI TS 124 081 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Line Identification supplementary services; Stage 3 (3GPP TS 24.081 version 16.0.0 Release 16)
62	ETSI TS 124 082 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Call Forwarding (CF) supplementary services; Stage 3 (3GPP TS 24.082 version 16.0.0 Release 16)
63	ETSI TS 124 083 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Call Waiting (CW) and Call Hold (HOLD) supplementary services; Stage 3 (3GPP TS 24.083 version 16.0.0 Release 16)
64	ETSI TS 124 084 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Multi Party (MPTY) supplementary service; Stage 3 (3GPP TS 24.084 version 16.0.0 Release 16)
65	ETSI TS 124 085 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Closed User Group (CUG) supplementary service; Stage 3 (3GPP TS 24.085 version 16.0.0 Release 16)
66	ETSI TS 124 086 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Advice of Charge (AoC) supplementary services; Stage 3 (3GPP TS 24.086 version 16.0.0 Release 16)
67	ETSI TS 124 087 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); User-to-User Signalling (UUS) Supplementary Service; Stage 3 (3GPP TS 24.087 version 16.0.0 Release 16)
68	ETSI TS 124 088 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Call Barring (CB) supplementary service; Stage 3 (3GPP TS 24.088 version 16.0.0 Release 16)
69	ETSI TS 124 090 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Unstructured Supplementary Service Data (USSD); Stage 3 (3GPP TS 24.090 version 16.0.0 Release 16)

70	ETSI TS 124 091 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Explicit Call Transfer (ECT) supplementary service; Stage 3 (3GPP TS 24.091 version 16.0.0 Release 16)
71	ETSI TS 124 093 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Completion of Calls to Busy Subscriber (CCBS); Stage 3 (3GPP TS 24.093 version 16.0.0 Release 16)
72	ETSI TS 124 096 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Name Identification supplementary services; Stage 3 (3GPP TS 24.096 version 16.0.0 Release 16)
73	ETSI TS 124 116 V16.0.0 (2020-07)	LTE; Stage 3 aspects of system architecture enhancements for TV services (3GPP TS 24.116 version 16.0.0 Release 16)
74	ETSI TS 124 135 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Multicall supplementary service; Stage 3 (3GPP TS 24.135 version 16.0.0 Release 16)
75	ETSI TS 124 171 V16.0.0 (2020-07)	LTE; Control Plane Location Services (LCS) procedures in the Evolved Packet System (EPS) (3GPP TS 24.171 version 16.0.0 Release 16)
76	ETSI TS 129 010 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Information element mapping between Mobile Station - Base Station System (MS - BSS) and Base Station System - Mobile-services Switching Centre (BSS - MSC); Signalling Procedures and the Mobile Application Part (MAP) (3GPP TS 29.010 version 16.0.0 Release 16)
77	ETSI TS 129 011 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Signalling Interworking for supplementary services (3GPP TS 29.011 version 16.0.0 Release 16)
78	ETSI TS 129 013 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Signalling interworking between ISDN supplementary services; Application Service Element (ASE) and Mobile Application Part (MAP) protocols (3GPP TS 29.013 version 16.0.0 Release 16)
79	ETSI TS 129 078 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Customised Applications for Mobile network Enhanced Logic (CAMEL) Phase X; CAMEL Application Part (CAP) specification (3GPP TS 29.078 version 16.0.0 Release 16)
80	ETSI TS 129 109 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Generic Authentication Architecture (GAA); Zh and Zn Interfaces based on the Diameter protocol; Stage 3 (3GPP TS 29.109 version 16.0.0 Release 16)
81	ETSI TS 129 119 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; GPRS Tunnelling Protocol (GTP) specification for Gateway Location Register (GLR) (3GPP TS 29.119 version 16.0.0 Release 16)
82	ETSI TS 129 120 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Mobile Application Part (MAP) specification for Gateway Location Register (GLR) (3GPP TS 29.120 version 16.0.0 Release 16)
83	ETSI TS 129 139 V16.0.0 (2020-07)	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 16.0.0 Release 16)
84	ETSI TS 129 171 V16.0.0 (2020-07)	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 16.0.0 Release 16)
85	ETSI TS 129 172 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Location Services (LCS); Evolved Packet Core (EPC) LCS Protocol (ELP) between the Gateway Mobile Location Centre (GMLC) and the Mobile Management Entity (MME); SLg interface (3GPP TS 29.172 version 16.0.0 Release 16)
86	ETSI TS 129 173 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Location Services (LCS); Diameter-based SLh interface for Control Plane LCS (3GPP TS 29.173 version 16.0.0 Release 16)
87	ETSI TS 129 202 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); Signalling System No. 7 (SS7) signalling transport in core network; Stage 3 (3GPP TS 29.202 version 16.0.0 Release 16)
88	ETSI TS 129 204 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Signalling System No. 7 (SS7) security gateway; Architecture, functional description and protocol details (3GPP TS 29.204 version 16.0.0 Release 16)
89	ETSI TS 129 205 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); Application of Q.1900 series to bearer independent Circuit Switched (CS) core network architecture; Stage 3 (3GPP TS 29.205 version 16.0.0 Release 16)

90	ETSI TS 129 231 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Application of SIP-I Protocols to Circuit Switched (CS) core network architecture; Stage 3 (3GPP TS 29.231 version 16.0.0 Release 16)
91	ETSI TS 129 232 V16.0.0 (2020-07)	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 16.0.0 Release 16)
92	ETSI TS 129 275 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Proxy Mobile IPv6 (PMIPv6) based Mobility and Tunneling protocols; Stage 3 (3GPP TS 29.275 version 16.0.0 Release 16)
93	ETSI TS 129 276 V16.0.0 (2020-07)	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 16.0.0 Release 16)
94	ETSI TS 129 277 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Optimised handover procedures and protocol between EUTRAN access and non-3GPP accesses (S102); Stage 3 (3GPP TS 29.277 version 16.0.0 Release 16)
95	ETSI TS 129 278 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Customized Applications for Mobile network Enhanced Logic (CAMEL) Phase 4; CAMEL Application Part (CAP) specification for IP Multimedia Subsystems (IMS) (3GPP TS 29.278 version 16.0.0 Release 16)
96	ETSI TS 129 279 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Mobile IPv4 (MIPv4) based mobility protocols; Stage 3 (3GPP TS 29.279 version 16.0.0 Release 16)
97	ETSI TS 129 280 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Evolved Packet System (EPS); 3GPP Sv interface (MME to MSC, and SGSN to MSC) for SRVCC (3GPP TS 29.280 version 16.0.0 Release 16)
98	ETSI TS 129 282 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Mobile IPv6 vendor specific option format and usage within 3GPP (3GPP TS 29.282 version 16.0.0 Release 16)
99	ETSI TS 129 283 V16.0.0 (2020-07)	LTE; Universal Mobile Telecommunications System (UMTS); Diameter data management applications (3GPP TS 29.283 version 16.0.0 Release 16)
100	ETSI TS 129 305 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; InterWorking Function (IWF) between MAP based and Diameter based interfaces (3GPP TS 29.305 version 16.0.0 Release 16)
101	ETSI TS 129 329 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Sh interface based on the Diameter protocol; Protocol details (3GPP TS 29.329 version 16.0.0 Release 16)
102	ETSI TS 129 332 V16.0.0 (2020-07)	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 16.0.0 Release 16)
103	ETSI TS 129 335 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; User Data Convergence (UDC); User data repository access protocol over the Ud interface; Stage 3 (3GPP TS 29.335 version 16.0.0 Release 16)
104	ETSI TS 129 337 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Diameter-based T4 Interface for communications with packet data networks and applications (3GPP TS 29.337 version 16.0.0 Release 16)
105	ETSI TS 129 338 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Diameter based protocols to support Short Message Service (SMS) capable Mobile Management Entities (MMEs) (3GPP TS 29.338 version 16.0.0 Release 16)
106	ETSI TS 129 344 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Proximity-services (ProSe) function to Home Subscriber Server (HSS) aspects; Stage 3 (3GPP TS 29.344 version 16.0.0 Release 16)
107	ETSI TS 129 345 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Inter-Proximity-services (ProSe) function signalling aspects; Stage 3 (3GPP TS 29.345 version 16.0.0 Release 16)
108	ETSI TS 129 364 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) Application Server (AS) service data descriptions for AS interoperability (3GPP TS 29.364 version 16.0.0 Release 16)
109	ETSI TS 129 405 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Nq and Nq' Application Protocol (Nq-AP); Stage 3 (3GPP TS 29.405 version 16.0.0 Release 16)
110	ETSI TS 129 500 V15.6.0 (2020-07)	5G; 5G System; Technical Realization of Service Based Architecture; Stage 3 (3GPP TS 29.500 version 15.6.0 Release 15)
111	ETSI TS 129 502 V15.8.0 (2020-07)	5G; 5G System; Session Management Services; Stage 3 (3GPP TS 29.502 version 15.8.0 Release 15)

112	ETSI TS 129 503 V15.7.0 (2020-07)	5G; 5G System; Unified Data Management Services; Stage 3 (3GPP TS 29.503 version 15.7.0 Release 15)
113	ETSI TS 129 510 V15.7.0 (2020-07)	5G; 5G System; Network function repository services; Stage 3 (3GPP TS 29.510 version 15.7.0 Release 15)
114	ETSI TS 129 518 V15.7.0 (2020-07)	5G; 5G System; Access and Mobility Management Services; Stage 3 (3GPP TS 29.518 version 15.7.0 Release 15)
115	ETSI TS 129 524 V16.1.0 (2020-07)	5G; 5G System; Cause codes mapping between 5GC interfaces; Stage 3 (3GPP TS 29.524 version 16.1.0 Release 16)
116	ETSI TS 129 540 V15.7.0 (2020-07)	5G; 5G System; SMS Services; Stage 3 (3GPP TS 29.540 version 15.7.0 Release 15)
117	ETSI TS 131 104 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Characteristics of the Hosting Party Subscription Identity Module (HPSIM) application (3GPP TS 31.104 version 16.0.0 Release 16)
118	ETSI TS 131 120 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; UICC-terminal interface; Physical, electrical and logical test specification (3GPP TS 31.120 version 16.0.0 Release 16)
119	ETSI TS 136 104 V15.9.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 15.9.0 Release 15)
120	ETSI TS 136 106 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); FDD repeater radio transmission and reception (3GPP TS 36.106 version 16.0.0 Release 16)
121	ETSI TS 136 111 V16.0.0 (2020-07)	LTE; Location Measurement Unit (LMU) performance specification; Network based positioning systems in Evolved Universal Terrestrial Radio Access Network (E-UTRAN) (3GPP TS 36.111 version 16.0.0 Release 16)
122	ETSI TS 136 112 V16.0.0 (2020-07)	LTE; Location Measurement Unit (LMU) conformance specification; Network based positioning systems in Evolved Universal Terrestrial Radio Access Network (E-UTRAN) (3GPP TS 36.112 version 16.0.0 Release 16)
123	ETSI TS 136 116 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Relay radio transmission and reception (3GPP TS 36.116 version 16.0.0 Release 16)
124	ETSI TS 136 117 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Relay conformance testing (3GPP TS 36.117 version 16.0.0 Release 16)
125	ETSI TS 136 141 V15.9.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 15.9.0 Release 15)
126	ETSI TS 136 141 V10.14.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 10.14.0 Release 10)
127	ETSI TS 136 141 V9.12.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 9.12.0 Release 9)
128	ETSI TS 136 141 V14.11.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 14.11.0 Release 14)
129	ETSI TS 136 141 V12.14.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 12.14.0 Release 12)
130	ETSI TS 136 141 V13.14.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 13.14.0 Release 13)
131	ETSI TS 136 141 V11.17.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 11.17.0 Release 11)
132	ETSI TS 136 141 V8.13.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 8.13.0 Release 8)
133	ETSI TS 136 143 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); FDD repeater conformance testing (3GPP TS 36.143 version 16.0.0 Release 16)
134	ETSI TS 136 171 V16.1.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for Support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 36.171 version 16.1.0 Release 16)
135	ETSI TS 136 201 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); LTE physical layer; General description (3GPP TS 36.201 version 16.0.0 Release 16)
136	ETSI TS 136 212 V15.10.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Multiplexing and channel coding (3GPP TS 36.212 version 15.10.0 Release 15)
137	ETSI TS 136 212 V16.2.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Multiplexing and channel coding (3GPP TS 36.212 version 16.2.0 Release 16)
138	ETSI TS 136 212 V14.13.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Multiplexing and channel coding (3GPP TS 36.212 version 14.13.0 Release 14)
139	ETSI TS 136 214 V16.1.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer; Measurements (3GPP TS 36.214 version 16.1.0 Release 16)
140	ETSI TS 136 216 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer for relaying operation (3GPP TS 36.216 version 16.0.0 Release 16)
141	ETSI TS 136 307 V16.2.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 16.2.0 Release 16)
142	ETSI TS 136 401 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Architecture description (3GPP TS 36.401 version 16.0.0 Release 16)

143	ETSI TS 136 410 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 general aspects and principles (3GPP TS 36.410 version 16.0.0 Release 16)
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144	ETSI TS 136 411 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 layer 1 (3GPP TS 36.411 version 16.0.0 Release 16)
145	ETSI TS 136 413 V16.2.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 Application Protocol (S1AP) (3GPP TS 36.413 version 16.2.0 Release 16)
146	ETSI TS 136 413 V15.9.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 Application Protocol (S1AP) (3GPP TS 36.413 version 15.9.0 Release 15)
147	ETSI TS 136 414 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 data transport (3GPP TS 36.414 version 16.0.0 Release 16)
148	ETSI TS 136 420 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 general aspects and principles (3GPP TS 36.420 version 16.0.0 Release 16)
149	ETSI TS 136 421 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 layer 1 (3GPP TS 36.421 version 16.0.0 Release 16)
150	ETSI TS 136 423 V15.10.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 Application Protocol (X2AP) (3GPP TS 36.423 version 15.10.0 Release 15)
151	ETSI TS 136 423 V16.2.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 Application Protocol (X2AP) (3GPP TS 36.423 version 16.2.0 Release 16)
152	ETSI TS 136 424 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 data transport (3GPP TS 36.424 version 16.0.0 Release 16)
153	ETSI TS 136 425 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 interface user plane protocol (3GPP TS 36.425 version 16.0.0 Release 16)
154	ETSI TS 136 440 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); General aspects and principles for interfaces supporting Multimedia Broadcast Multicast Service (MBMS) within E-UTRAN (3GPP TS 36.440 version 16.0.0 Release 16)
155	ETSI TS 136 441 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Layer 1 for interfaces supporting Multimedia Broadcast Multicast Service (MBMS) within E-UTRAN (3GPP TS 36.441 version 16.0.0 Release 16)
156	ETSI TS 136 442 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Signalling Transport for interfaces supporting Multimedia Broadcast Multicast Service (MBMS) within E-UTRAN (3GPP TS 36.442 version 16.0.0 Release 16)
157	ETSI TS 136 444 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); M3 Application Protocol (M3AP) (3GPP TS 36.444 version 16.0.0 Release 16)
158	ETSI TS 136 445 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); M1 data transport (3GPP TS 36.445 version 16.0.0 Release 16)
159	ETSI TS 136 456 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); SLM interface general aspects and principles (3GPP TS 36.456 version 16.0.0 Release 16)
160	ETSI TS 136 457 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); SLM interface layer 1 (3GPP TS 36.457 version 16.0.0 Release 16)
161	ETSI TS 136 458 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); SLM interface signalling transport (3GPP TS 36.458 version 16.0.0 Release 16)
162	ETSI TS 136 459 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); SLM interface Application Protocol (SLM-AP) (3GPP TS 36.459 version 16.0.0 Release 16)
163	ETSI TS 136 461 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw layer 1 (3GPP TS 36.461 version 16.0.0 Release 16)
164	ETSI TS 136 462 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw signalling transport (3GPP TS 36.462 version 16.0.0 Release 16)
165	ETSI TS 136 463 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless Local Area Network (WLAN); Xw application protocol (Xw-AP) (3GPP TS 36.463 version 16.0.0 Release 16)
166	ETSI TS 136 464 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless Local Area Network (WLAN); Xw data transport (3GPP TS 36.464 version 16.0.0 Release 16)
167	ETSI TS 136 465 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless Local Area Network (WLAN); Xw interface user plane protocol (3GPP TS 36.465 version 16.0.0 Release 16)
168	ETSI TS 136 521-2 V16.5.0 (2020-07)	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 16.5.0 Release 16)
169	ETSI TS 136 523-2 V16.5.0 (2020-07)	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 16.5.0 Release 16)

170	ETSI TS 136 579-1 V14.7.0 (2020-07)	LTE; Mission Critical (MC) services over LTE; Part 1: Common test environment (3GPP TS 36.579-1 version 14.7.0 Release 14)
171	ETSI TS 136 579-2 V14.7.0 (2020-07)	LTE; Mission Critical (MC) services over LTE; Part 2: Mission Critical Push To Talk (MCPTT) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-2 version 14.7.0 Release 14)
172	ETSI TS 136 579-4 V14.3.0 (2020-07)	LTE; Mission Critical (MC) services over LTE; Part 4: Test Applicability and Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.579-4 version 14.3.0 Release 14)
173	ETSI TR 136 903 V15.3.0 (2020-07)	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 15.3.0 Release 15)
174	ETSI TR 136 905 V16.4.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Derivation of test points for radio transmission and reception conformance test cases (3GPP TR 36.905 version 16.4.0 Release 16)
175	ETSI TR 136 912 V16.0.0 (2020-07)	LTE; Feasibility study for Further Advancements for E-UTRA (LTE-Advanced) (3GPP TR 36.912 version 16.0.0 Release 16)
176	ETSI TR 136 913 V16.0.0 (2020-07)	LTE; Requirements for further advancements for Evolved Universal Terrestrial Radio Access (E-UTRA) (LTE-Advanced) (3GPP TR 36.913 version 16.0.0 Release 16)
177	ETSI TR 136 927 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Potential solutions for energy saving for E-UTRAN (3GPP TR 36.927 version 16.0.0 Release 16)
178	ETSI TR 136 932 V16.0.0 (2020-07)	LTE; Scenarios and requirements for small cell enhancements for E-UTRA and E-UTRAN (3GPP TR 36.932 version 16.0.0 Release 16)
179	ETSI TR 136 933 V16.0.0 (2020-07)	LTE; Study on Context Aware Service Delivery in RAN for LTE (3GPP TR 36.933 version 16.0.0 Release 16)
180	ETSI TS 137 144 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Digital cellular telecommunications system (Phase 2+) (GSM); User Equipment (UE) and Mobile Station (MS) GSM, UTRA and E-UTRA over the air performance requirements (3GPP TS 37.144 version 16.0.0 Release 16)
181	ETSI TS 137 213 V16.2.0 (2020-07)	LTE; 5G; Physical layer procedures for shared spectrum channel access (3GPP TS 37.213 version 16.2.0 Release 16)
182	ETSI TS 138 101-1 V15.10.0 (2020-07)	5G; NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 15.10.0 Release 15)
183	ETSI TS 138 101-1 V16.4.0 (2020-07)	5G; NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 16.4.0 Release 16)
184	ETSI TS 138 101-2 V16.4.0 (2020-07)	5G; NR; User Equipment (UE) radio transmission and reception; Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 16.4.0 Release 16)
185	ETSI TS 138 101-2 V15.10.0 (2020-07)	5G; NR; User Equipment (UE) radio transmission and reception; Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 15.10.0 Release 15)
186	ETSI TS 138 101-3 V16.4.0 (2020-07)	5G; NR; User Equipment (UE) radio transmission and reception; Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.101-3 version 16.4.0 Release 16)
187	ETSI TS 138 101-3 V15.10.0 (2020-07)	5G; NR; User Equipment (UE) radio transmission and reception; Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.101-3 version 15.10.0 Release 15)
188	ETSI TS 138 101-4 V16.1.0 (2020-07)	5G; NR; User Equipment (UE) radio transmission and reception; Part 4: Performance requirements (3GPP TS 38.101-4 version 16.1.0 Release 16)
189	ETSI TS 138 101-4 V15.6.0 (2020-07)	5G; NR; User Equipment (UE) radio transmission and reception; Part 4: Performance requirements (3GPP TS 38.101-4 version 15.6.0 Release 15)
190	ETSI TS 138 104 V16.4.0 (2020-07)	5G; NR; Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 16.4.0 Release 16)
191	ETSI TS 138 104 V15.10.0 (2020-07)	5G; NR; Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 15.10.0 Release 15)
192	ETSI TS 138 113 V15.10.0 (2020-07)	5G; NR; Base Station (BS) ElectroMagnetic Compatibility (EMC) (3GPP TS 38.113 version 15.10.0 Release 15)
193	ETSI TS 138 141-1 V16.4.0 (2020-07)	5G; NR; Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 16.4.0 Release 16)
194	ETSI TS 138 141-1 V15.6.0 (2020-07)	5G; NR; Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 15.6.0 Release 15)
195	ETSI TS 138 141-2 V16.4.0 (2020-07)	5G; NR; Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 16.4.0 Release 16)
196	ETSI TS 138 141-2 V15.6.0 (2020-07)	5G; NR; Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 15.6.0 Release 15)
197	ETSI TS 138 171 V16.0.0 (2020-07)	5G; NR; Requirements for support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 38.171 version 16.0.0 Release 16)
198	ETSI TS 138 202 V16.1.0 (2020-07)	5G; NR; Services provided by the physical layer (3GPP TS 38.202 version 16.1.0 Release 16)
199	ETSI TS 138 211 V16.2.0 (2020-07)	5G; NR; Physical channels and modulation (3GPP TS 38.211 version 16.2.0 Release 16)
200	ETSI TS 138 212 V15.9.0 (2020-07)	5G; NR; Multiplexing and channel coding (3GPP TS 38.212 version 15.9.0 Release 15)

201	ETSI TS 138 213 V15.10.0 (2020-07)	5G; NR; Physical layer procedures for control (3GPP TS 38.213 version 15.10.0 Release 15)
202	ETSI TS 138 214 V15.10.0 (2020-07)	5G; NR; Physical layer procedures for data (3GPP TS 38.214 version 15.10.0 Release 15)
203	ETSI TS 138 215 V16.2.0 (2020-07)	5G; NR; Physical layer measurements (3GPP TS 38.215 version 16.2.0 Release 16)
204	ETSI TS 138 215 V15.7.0 (2020-07)	5G; NR; Physical layer measurements (3GPP TS 38.215 version 15.7.0 Release 15)
205	ETSI TS 138 307 V15.6.0 (2020-07)	5G; NR; Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 38.307 version 15.6.0 Release 15)
206	ETSI TS 138 307 V16.3.0 (2020-07)	5G; NR; Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 38.307 version 16.3.0 Release 16)
207	ETSI TS 138 401 V15.8.0 (2020-07)	5G; NG-RAN; Architecture description (3GPP TS 38.401 version 15.8.0 Release 15)
208	ETSI TS 138 401 V16.2.0 (2020-07)	5G; NG-RAN; Architecture description (3GPP TS 38.401 version 16.2.0 Release 16)
209	ETSI TS 138 410 V16.2.0 (2020-07)	5G; NG-RAN; NG general aspects and principles (3GPP TS 38.410 version 16.2.0 Release 16)
210	ETSI TS 138 411 V16.0.0 (2020-07)	5G; NG-RAN; NG layer 1 (3GPP TS 38.411 version 16.0.0 Release 16)
211	ETSI TS 138 413 V15.8.0 (2020-07)	5G; NG-RAN; NG Application Protocol (NGAP) (3GPP TS 38.413 version 15.8.0 Release 15)
212	ETSI TS 138 413 V16.2.0 (2020-07)	5G; NG-RAN; NG Application Protocol (NGAP) (3GPP TS 38.413 version 16.2.0 Release 16)
213	ETSI TS 138 414 V16.0.0 (2020-07)	5G; NG-RAN; NG data transport (3GPP TS 38.414 version 16.0.0 Release 16)
214	ETSI TS 138 414 V15.3.0 (2020-07)	5G; NG-RAN; NG data transport (3GPP TS 38.414 version 15.3.0 Release 15)
215	ETSI TS 138 415 V16.1.0 (2020-07)	5G; NG-RAN; PDU session user plane protocol (3GPP TS 38.415 version 16.1.0 Release 16)
216	ETSI TS 138 420 V16.0.0 (2020-07)	5G; NG-RAN; Xn general aspects and principles (3GPP TS 38.420 version 16.0.0 Release 16)
217	ETSI TS 138 421 V16.0.0 (2020-07)	5G; NG-RAN; Xn layer 1 (3GPP TS 38.421 version 16.0.0 Release 16)
218	ETSI TS 138 423 V16.2.0 (2020-07)	5G; NG-RAN; Xn Application Protocol (XnAP) (3GPP TS 38.423 version 16.2.0 Release 16)
219	ETSI TS 138 423 V15.8.0 (2020-07)	5G; NG-RAN; Xn Application Protocol (XnAP) (3GPP TS 38.423 version 15.8.0 Release 15)
220	ETSI TS 138 424 V16.0.0 (2020-07)	5G; NG-RAN; Xn data transport (3GPP TS 38.424 version 16.0.0 Release 16)
221	ETSI TS 138 425 V16.1.0 (2020-07)	5G; NG-RAN; NR user plane protocol (3GPP TS 38.425 version 16.1.0 Release 16)
222	ETSI TS 138 460 V16.1.0 (2020-07)	5G; NG-RAN; E1 general aspects and principles (3GPP TS 38.460 version 16.1.0 Release 16)
223	ETSI TS 138 461 V16.0.0 (2020-07)	5G; NG-RAN; E1 layer 1 (3GPP TS 38.461 version 16.0.0 Release 16)
224	ETSI TS 138 462 V16.0.0 (2020-07)	5G; NG-RAN; E1 signalling transport (3GPP TS 38.462 version 16.0.0 Release 16)
225	ETSI TS 138 463 V16.2.0 (2020-07)	5G; NG-RAN; E1 Application Protocol (E1AP) (3GPP TS 38.463 version 16.2.0 Release 16)
226	ETSI TS 138 463 V15.7.0 (2020-07)	5G; NG-RAN; E1 Application Protocol (E1AP) (3GPP TS 38.463 version 15.7.0 Release 15)
227	ETSI TS 138 470 V16.2.0 (2020-07)	5G; NG-RAN; F1 general aspects and principles (3GPP TS 38.470 version 16.2.0 Release 16)
228	ETSI TS 138 471 V16.0.0 (2020-07)	5G; NG-RAN; F1 layer 1 (3GPP TS 38.471 version 16.0.0 Release 16)
229	ETSI TS 138 473 V16.2.0 (2020-07)	5G; NG-RAN; F1 Application Protocol (F1AP) (3GPP TS 38.473 version 16.2.0 Release 16)
230	ETSI TS 138 473 V15.10.0 (2020-07)	5G; NG-RAN; F1 Application Protocol (F1AP) (3GPP TS 38.473 version 15.10.0 Release 15)
231	ETSI TS 138 474 V16.0.0 (2020-07)	5G; NG-RAN; F1 data transport (3GPP TS 38.474 version 16.0.0 Release 16)
232	ETSI TS 138 508-2 V16.4.0 (2020-07)	5G; 5GS; User Equipment (UE) conformance specification; Part 2: Common Implementation Conformance Statement (ICS) proforma (3GPP TS 38.508-2 version 16.4.0 Release 16)
233	ETSI TS 138 509 V15.8.0 (2020-07)	5G; 5GS; Special conformance testing functions for User Equipment (UE) (3GPP TS 38.509 version 15.8.0 Release 15)
234	ETSI TS 138 521-3 V16.4.0 (2020-07)	5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 3: Range 1 and Range 2 Interworking operation with other radios (3GPP TS 38.521-3 version 16.4.0 Release 16)
235	ETSI TS 138 521-4 V16.4.0 (2020-07)	5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 4: Performance (3GPP TS 38.521-4 version 16.4.0 Release 16)
236	ETSI TS 138 522 V16.4.0 (2020-07)	5G; NR; User Equipment (UE) conformance specification; Applicability of radio transmission, radio reception and radio resource management test cases (3GPP TS 38.522 version 16.4.0 Release 16)

237	ETSI TS 138 523-2 V16.4.0 (2020-07)	5G; 5GS; User Equipment (UE) conformance specification; Part 2: Applicability of protocol test cases (3GPP TS 38.523-2 version 16.4.0 Release 16)
238	ETSI TS 138 523-3 V15.8.0 (2020-07)	5G; 5GS; User Equipment (UE) conformance specification; Part 3: Protocol Test Suites (3GPP TS 38.523-3 version 15.8.0 Release 15)
239	ETSI TR 138 903 V16.4.0 (2020-07)	5G; NR; Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 16.4.0 Release 16)
240	ETSI TR 138 905 V16.4.0 (2020-07)	5G; NR; Derivation of test points for radio transmission and reception User Equipment (UE) conformance test cases (3GPP TR 38.905 version 16.4.0 Release 16)
241	ETSI TR 138 912 V16.0.0 (2020-07)	5G; Study on New Radio (NR) access technology (3GPP TR 38.912 version 16.0.0 Release 16)
242	ETSI TR 138 913 V16.0.0 (2020-07)	5G; Study on scenarios and requirements for next generation access technologies (3GPP TR 38.913 version 16.0.0 Release 16)
243	ETSI TS 119 412-1 V1.4.1 (2020-07)	Electronic Signatures and Infrastructures (ESI); Certificate Profiles; Part 1: Overview and common data structures
244	ETSI TS 123 014 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Support of Dual Tone Multi-Frequency (DTMF) signalling (3GPP TS 23.014 version 16.0.0 Release 16)
245	ETSI TS 123 032 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Universal Geographical Area Description (GAD) (3GPP TS 23.032 version 16.0.0 Release 16)
246	ETSI TS 123 034 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); High Speed Circuit Switched Data (HSCSD); Stage 2 (3GPP TS 23.034 version 16.0.0 Release 16)
247	ETSI TS 123 038 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Alphabets and language-specific information (3GPP TS 23.038 version 16.0.0 Release 16)
248	ETSI TS 123 040 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Technical realization of the Short Message Service (SMS) (3GPP TS 23.040 version 16.0.0 Release 16)
249	ETSI TS 123 041 V16.4.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Technical realization of Cell Broadcast Service (CBS) (3GPP TS 23.041 version 16.4.0 Release 16)
250	ETSI TS 123 042 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Compression algorithm for text messaging services (3GPP TS 23.042 version 16.0.0 Release 16)
251	ETSI TS 123 057 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Mobile Execution Environment (MExE); Functional description; Stage 2 (3GPP TS 23.057 version 16.0.0 Release 16)
252	ETSI TS 123 101 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); General Universal Mobile Telecommunications System (UMTS) architecture (3GPP TS 23.101 version 16.0.0 Release 16)
253	ETSI TS 123 107 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Quality of Service (QoS) concept and architecture (3GPP TS 23.107 version 16.0.0 Release 16)
254	ETSI TS 123 108 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Mobile radio interface layer 3 specification, core network protocols; Stage 2 (3GPP TS 23.108 version 16.0.0 Release 16)
255	ETSI TS 123 110 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Universal Mobile Telecommunications System (UMTS) access stratum; Services and functions (3GPP TS 23.110 version 16.0.0 Release 16)
256	ETSI TS 123 122 V16.6.1 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Non-Access-Stratum (NAS) functions related to Mobile Station (MS) in idle mode (3GPP TS 23.122 version 16.6.1 Release 16)
257	ETSI TS 123 139 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 3GPP system - fixed broadband access network interworking; Stage 2 (3GPP TS 23.139 version 16.0.0 Release 16)
258	ETSI TS 123 141 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Presence service; Architecture and functional description (3GPP TS 23.141 version 16.0.0 Release 16)
259	ETSI TS 123 142 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Value-added Services for SMS (VAS4SMS); Interface and signalling flow (3GPP TS 23.142 version 16.0.0 Release 16)

260	ETSI TS 123 161 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Network-Based IP Flow Mobility (NBIFOM); Stage 2 (3GPP TS 23.161 version 16.0.0 Release 16)
261	ETSI TS 123 167 V16.2.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 16.2.0 Release 16)
262	ETSI TS 123 167 V15.7.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 15.7.0 Release 15)
263	ETSI TS 123 207 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; End-to-end Quality of Service (QoS) concept and architecture (3GPP TS 23.207 version 16.0.0 Release 16)
264	ETSI TS 123 214 V16.1.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Architecture enhancements for control and user plane separation of EPC nodes (3GPP TS 23.214 version 16.1.0 Release 16)
265	ETSI TS 123 218 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) session handling; IM call model; Stage 2 (3GPP TS 23.218 version 16.0.0 Release 16)
266	ETSI TS 123 226 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Global text telephony (GTT); Stage 2 (3GPP TS 23.226 version 16.0.0 Release 16)
267	ETSI TS 123 236 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Intra-domain connection of Radio Access Network (RAN) nodes to multiple Core Network (CN) nodes (3GPP TS 23.236 version 16.0.0 Release 16)
268	ETSI TS 123 237 V16.4.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) Service Continuity; Stage 2 (3GPP TS 23.237 version 16.4.0 Release 16)
269	ETSI TS 123 240 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; 3GPP Generic User Profile (GUP); Architecture (Stage 2) (3GPP TS 23.240 version 16.0.0 Release 16)
270	ETSI TS 131 133 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Services Identity Module (ISIM) Application Programming Interface (API); ISIM API for Java Card™ (3GPP TS 31.133 version 16.0.0 Release 16)
271	ETSI TS 131 213 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Test specification for (U)SIM; Application Programming Interface (API) for Java Card™ (3GPP TS 31.213 version 16.0.0 Release 16)
272	ETSI TS 131 220 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Characteristics of the Contact Manager for 3GPP UICC applications (3GPP TS 31.220 version 16.0.0 Release 16)
273	ETSI TS 131 221 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Contact Manager Application Programming Interface (API); Contact Manager API for Java Card (3GPP TS 31.221 version 16.0.0 Release 16)
274	ETSI TR 131 900 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; SIM/USIM internal and external interworking aspects (3GPP TR 31.900 version 16.0.0 Release 16)
275	ETSI TR 131 970 V16.0.0 (2020-07)	LTE; Universal Mobile Telecommunications System (UMTS); UICC power optimisation for Machine-Type Communication (MTC) (3GPP TR 31.970 version 16.0.0 Release 16)
276	ETSI TR 133 935 V16.0.0 (2020-07)	LTE; 5G; Study on detailed Long Term Key Update Process (LTKUP) detailed solutions (3GPP TR 33.935 version 16.0.0 Release 16)
277	ETSI TS 134 131 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Test Specification for C-language binding to (Universal) Subscriber Interface Module ((U)SIM) Application Programming Interface (API) (3GPP TS 34.131 version 16.0.0 Release 16)
278	ETSI TS 134 229-2 V15.3.0 (2020-07)	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 15.3.0 Release 15)
279	ETSI TS 134 229-3 V15.5.0 (2020-07)	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 15.5.0 Release 15)
280	ETSI TS 137 571-1 V16.5.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; User Equipment (UE) conformance specification for UE positioning; Part 1: Conformance test specification (3GPP TS 37.571-1 version 16.5.0 Release 16)

281	ETSI TS 137 571-3 V16.5.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; User Equipment (UE) conformance specification for UE positioning; Part 3: Implementation Conformance Statement (ICS) (3GPP TS 37.571-3 version 16.5.0 Release 16)
282	ETSI TS 143 005 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Technical performance objectives (3GPP TS 43.005 version 16.0.0 Release 16)
283	ETSI TS 143 073 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Support of Localised Service Area (SoLSA); Stage 2 (3GPP TS 43.073 version 16.0.0 Release 16)
284	ETSI TS 151 010-4 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Mobile Station (MS) conformance specification; Part 4: Subscriber Identity Module (SIM) application toolkit conformance test specification (3GPP TS 51.010-4 version 16.0.0 Release 16)
285	ETSI EN 301 545-2 V1.3.1 (2020-07)	Digital Video Broadcasting (DVB); Second Generation DVB Interactive Satellite System (DVB-RCS2); Part 2: Lower Layers for Satellite standard
286	ETSI TS 101 545-1 V1.3.1 (2020-07)	Digital Video Broadcasting (DVB); Second Generation DVB Interactive Satellite System (DVB-RCS2); Part 1: Overview and System Level specification
287	ETSI TS 101 545-3 V1.3.1 (2020-07)	Digital Video Broadcasting (DVB); Second Generation DVB Interactive Satellite System (DVB-RCS2); Part 3: Higher Layers Satellite Specification
288	ETSI TR 103 656 V1.1.1 (2020-07)	Lawful Interception (LI); Study on high bandwidth delivery
289	ETSI TS 123 251 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Network sharing; Architecture and functional description (3GPP TS 23.251 version 16.0.0 Release 16)
290	ETSI TS 123 261 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; IP flow mobility and seamless Wireless Local Area Network (WLAN) offload; Stage 2 (3GPP TS 23.261 version 16.0.0 Release 16)
291	ETSI TS 123 271 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Functional stage 2 description of Location Services (LCS) (3GPP TS 23.271 version 16.0.0 Release 16)
292	ETSI TS 123 272 V16.0.0 (2020-07)	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 16.0.0 Release 16)
293	ETSI TS 123 273 V16.4.0 (2020-07)	5G; 5G System (5GS) Location Services (LCS); Stage 2 (3GPP TS 23.273 version 16.4.0 Release 16)
294	ETSI TS 123 279 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Combining Circuit Switched (CS) and IP Multimedia Subsystem (IMS) services; Stage 2 (3GPP TS 23.279 version 16.0.0 Release 16)
295	ETSI TS 123 285 V16.3.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Architecture enhancements for V2X services (3GPP TS 23.285 version 16.3.0 Release 16)
296	ETSI TS 123 287 V16.3.0 (2020-07)	5G; Architecture enhancements for 5G System (5GS) to support Vehicle-to-Everything (V2X) services (3GPP TS 23.287 version 16.3.0 Release 16)
297	ETSI TS 123 288 V16.4.0 (2020-07)	5G; Architecture enhancements for 5G System (5GS) to support network data analytics services (3GPP TS 23.288 version 16.4.0 Release 16)
298	ETSI TS 123 292 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) centralized services; Stage 2 (3GPP TS 23.292 version 16.0.0 Release 16)
299	ETSI TS 123 303 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Proximity-based services (ProSe); Stage 2 (3GPP TS 23.303 version 16.0.0 Release 16)
300	ETSI TS 123 316 V16.4.0 (2020-07)	5G; Wireless and wireline convergence access support for the 5G System (5GS) (3GPP TS 23.316 version 16.4.0 Release 16)
301	ETSI TS 123 401 V15.11.0 (2020-07)	LTE; General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 15.11.0 Release 15)
302	ETSI TS 123 401 V16.7.0 (2020-07)	LTE; General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 16.7.0 Release 16)
303	ETSI TS 123 468 V16.0.0 (2020-07)	LTE; Group Communication System Enablers for LTE (GCSE_LTE); Stage 2 (3GPP TS 23.468 version 16.0.0 Release 16)
304	ETSI TS 123 501 V15.10.0 (2020-07)	5G; System architecture for the 5G System (5GS) (3GPP TS 23.501 version 15.10.0 Release 15)
305	ETSI TS 123 501 V16.5.0 (2020-07)	5G; System architecture for the 5G System (5GS) (3GPP TS 23.501 version 16.5.0 Release 16)
306	ETSI TS 123 502 V16.5.0 (2020-07)	5G; Procedures for the 5G System (5GS) (3GPP TS 23.502 version 16.5.0 Release 16)
307	ETSI TS 123 502 V15.10.0 (2020-07)	5G; Procedures for the 5G System (5GS) (3GPP TS 23.502 version 15.10.0 Release 15)

308	ETSI TS 123 503 V16.5.0 (2020-07)	5G; Policy and charging control framework for the 5G System (5GS); Stage 2 (3GPP TS 23.503 version 16.5.0 Release 16)
309	ETSI TS 123 682 V16.7.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Architecture enhancements to facilitate communications with packet data networks and applications (3GPP TS 23.682 version 16.7.0 Release 16)
310	ETSI TR 123 903 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Redial solution for voice-video switching (3GPP TR 23.903 version 16.0.0 Release 16)
311	ETSI TR 123 919 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Direct tunnel deployment guideline (3GPP TR 23.919 version 16.0.0 Release 16)
312	ETSI TR 123 924 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); Feasibility study on Non-Access Stratum (NAS) node selection function above Base Station Controller (BSC) / Radio Network Controller (RNC) (3GPP TR 23.924 version 16.0.0 Release 16)
313	ETSI TR 123 975 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IPv6 migration guidelines (3GPP TR 23.975 version 16.0.0 Release 16)
314	ETSI TR 123 976 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Push architecture (3GPP TR 23.976 version 16.0.0 Release 16)
315	ETSI TR 123 977 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); Bandwidth And Resource Savings (BARS) and speech enhancements for Circuit Switched (CS) networks (3GPP TR 23.977 version 16.0.0 Release 16)
316	ETSI TR 123 979 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; 3GPP enablers for Open Mobile Alliance (OMA); Push-to-talk over Cellular (PoC) services; Stage 2 (3GPP TR 23.979 version 16.0.0 Release 16)
317	ETSI TR 123 981 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Interworking aspects and migration scenarios for IPv4-based IP Multimedia Subsystem (IMS) implementations (3GPP TR 23.981 version 16.0.0 Release 16)
318	ETSI TS 124 007 V16.3.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Mobile radio interface signalling layer 3; General Aspects (3GPP TS 24.007 version 16.3.0 Release 16)
319	ETSI TS 124 008 V16.5.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Mobile radio interface Layer 3 specification; Core network protocols;
320	ETSI TS 124 011 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Point-to-Point (PP) Short Message Service (SMS) support on mobile radio interface (3GPP TS 24.011 version 16.0.0 Release 16)
321	ETSI TS 124 103 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Telepresence using the IP Multimedia (IM) Core Network (CN) Subsystem (IMS); Stage 3 (3GPP TS 24.103 version 16.0.0 Release 16)
322	ETSI TS 124 105 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Application specific Congestion control for Data Communication (ACDC) Management Object (MO) (3GPP TS 24.105 version 16.0.0 Release 16)
323	ETSI TS 124 109 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Bootstrapping interface (Ub) and network application function interface (Ua); Protocol details (3GPP TS 24.109 version 16.0.0 Release 16)
324	ETSI TS 124 117 V16.0.0 (2020-07)	LTE; TV service configuration Management Object (MO) (3GPP TS 24.117 version 16.0.0 Release 16)
325	ETSI TS 124 139 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; 3GPP system - fixed broadband access network interworking; Stage 3 (3GPP TS 24.139 version 16.0.0 Release 16)
326	ETSI TS 124 141 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Presence service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3 (3GPP TS 24.141 version 16.0.0 Release 16)
327	ETSI TS 124 161 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Network-Based IP Flow Mobility (NBIFOM); Stage 3 (3GPP TS 24.161 version 16.0.0 Release 16)
328	ETSI TS 124 174 V16.1.0 (2020-07)	5G; Universal Mobile Telecommunications System (UMTS); LTE; Support of multi-device and multi-identity in the IP Multimedia Subsystem (IMS); Stage 3 (3GPP TS 24.174 version 16.1.0 Release 16)
329	ETSI TS 124 182 V16.3.1 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) Customized Alerting Tones (CAT); Protocol specification (3GPP TS 24.182 version 16.3.1 Release 16)
330	ETSI TS 124 183 V16.4.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) Customized Ringing Signal (CRS); Protocol specification (3GPP TS 24.183 version 16.4.0 Release 16)
331	ETSI TS 124 216 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Communication Continuity Management Object (MO) (3GPP TS 24.216 version 16.0.0 Release 16)

332	ETSI TS 124 229 V15.10.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 (3GPP TS 24.229 version 15.10.0 Release 15)
333	ETSI TS 124 229 V16.6.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 (3GPP TS 24.229 version 16.6.0 Release 16)
334	ETSI TS 124 237 V16.4.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Core Network (CN) subsystem IP Multimedia Subsystem (IMS) service continuity; Stage 3 (3GPP TS 24.237 version 16.4.0 Release 16)
335	ETSI TS 124 238 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Session Initiation Protocol (SIP) based user configuration; Stage 3 (3GPP TS 24.238 version 16.0.0 Release 16)
336	ETSI TS 124 244 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Wireless LAN control plane protocol for trusted WLAN access to EPC; Stage 3 (3GPP TS 24.244 version 16.0.0 Release 16)
337	ETSI TS 124 247 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Messaging service using the IP Multimedia (IM) Core Network (CN) subsystem; Stage 3 (3GPP TS 24.247 version 16.0.0 Release 16)
338	ETSI TS 124 279 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Combining Circuit Switched (CS) and IP Multimedia Subsystem (IMS) services; Stage 3 (3GPP TS 24.279 version 16.0.0 Release 16)
339	ETSI TS 124 285 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Allowed Closed Subscriber Group (CSG) list; Management Object (MO) (3GPP TS 24.285 version 16.0.0 Release 16)
340	ETSI TS 124 286 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Core Network (CN) subsystem Centralized Services (ICS); Management Object (MO) (3GPP TS 24.286 version 16.0.0 Release 16)
341	ETSI TS 124 292 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Core Network (CN) subsystem Centralized Services (ICS); Stage 3 (3GPP TS 24.292 version 16.0.0 Release 16)
342	ETSI TS 124 294 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) Centralized Services (ICS) protocol via I1 interface (3GPP TS 24.294 version 16.0.0 Release 16)
343	ETSI TS 124 304 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Mobility management based on Mobile IPv4; User Equipment (UE) - foreign agent interface; Stage 3 (3GPP TS 24.304 version 16.0.0 Release 16)
344	ETSI TS 124 312 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Access Network Discovery and Selection Function (ANDSF) Management Object (MO) (3GPP TS 24.312 version 16.0.0 Release 16)
345	ETSI TS 124 315 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) Operator Determined Barring (ODB); Stage 3: protocol specification (3GPP TS 24.315 version 16.0.0 Release 16)
346	ETSI TS 124 322 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Tunnelling of IP Multimedia Subsystem (IMS) services over restrictive access networks; Stage 3 (3GPP TS 24.322 version 16.0.0 Release 16)
347	ETSI TS 124 334 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Proximity-services (ProSe) User Equipment (UE) to ProSe function protocol aspects; Stage 3 (3GPP TS 24.334 version 16.0.0 Release 16)
348	ETSI TS 124 368 V16.4.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Non-Access Stratum (NAS) configuration Management Object (MO) (3GPP TS 24.368 version 16.4.0 Release 16)
349	ETSI TS 124 371 V16.0.0 (2020-07)	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 16.0.0 Release 16)
350	ETSI TS 124 380 V16.5.0 (2020-07)	LTE; Mission Critical Push To Talk (MCPTT) media plane control; Protocol specification (3GPP TS 24.380 version 16.5.0 Release 16)
351	ETSI TS 124 380 V14.9.0 (2020-07)	LTE; Mission Critical Push To Talk (MCPTT) media plane control; Protocol specification (3GPP TS 24.380 version 14.9.0 Release 14)
352	ETSI TS 124 380 V13.11.0 (2020-07)	LTE; Mission Critical Push To Talk (MCPTT) media plane control; Protocol specification (3GPP TS 24.380 version 13.11.0 Release 13)
353	ETSI TS 124 380 V15.6.0 (2020-07)	LTE; Mission Critical Push To Talk (MCPTT) media plane control; Protocol specification (3GPP TS 24.380 version 15.6.0 Release 15)
354	ETSI TS 124 385 V16.1.0 (2020-07)	LTE; V2X services Management Object (MO) (3GPP TS 24.385 version 16.1.0 Release 16)

355	ETSI TS 124 386 V15.3.0 (2020-07)	LTE; User Equipment (UE) to V2X control function; protocol aspects; Stage 3 (3GPP TS 24.386 version 15.3.0 Release 15)
356	ETSI TS 124 386 V16.0.0 (2020-07)	LTE; User Equipment (UE) to V2X control function; protocol aspects; Stage 3 (3GPP TS 24.386 version 16.0.0 Release 16)
357	ETSI TS 124 386 V14.5.0 (2020-07)	LTE; User Equipment (UE) to V2X control function; protocol aspects; Stage 3 (3GPP TS 24.386 version 14.5.0 Release 14)
358	ETSI TR 124 930 V16.0.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Signalling flows for the session setup in the IP Multimedia core network Subsystem (IMS) based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 (3GPP TR 24.930 version 16.0.0 Release 16)
359	ETSI TS 128 307 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Quality of Experience (QoE) measurement collection Integration Reference Point (IRP); Requirements (3GPP TS 28.307 version 16.0.0 Release 16)
360	ETSI TS 128 308 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Quality of Experience (QoE) measurement collection Integration Reference Point (IRP); Information Service (IS) (3GPP TS 28.308 version 16.0.0 Release 16)
361	ETSI TS 128 405 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Quality of Experience (QoE) measurement collection; Control and configuration (3GPP TS 28.405 version 16.0.0 Release 16)
362	ETSI TS 128 406 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Quality of Experience (QoE) measurement collection; Information definition and transport (3GPP TS 28.406 version 16.0.0 Release 16)
363	ETSI TS 128 535 V16.0.0 (2020-07)	5G; LTE; Management and orchestration; Management services for communication service assurance; Requirements (3GPP TS 28.535 version 16.0.0 Release 16)
364	ETSI TS 128 536 V16.0.0 (2020-07)	LTE; 5G; Management and orchestration; Management services for communication service assurance; Stage 2 and stage 3 (3GPP TS 28.536 version 16.0.0 Release 16)
365	ETSI TS 129 230 V15.9.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Diameter applications; 3GPP specific codes and identifiers (3GPP TS 29.230 version 15.9.0 Release 15)
366	ETSI TS 129 336 V15.8.0 (2020-07)	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 15.8.0 Release 15)
367	ETSI TS 129 338 V15.2.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Diameter based protocols to support Short Message Service (SMS) capable Mobile Management Entities (MMEs) (3GPP TS 29.338 version 15.2.0 Release 15)
370	ETSI TS 129 502 V16.4.0 (2020-07)	5G; 5G System; Session Management Services; Stage 3 (3GPP TS 29.502 version 16.4.0 Release 16)
371	ETSI TS 129 503 V16.4.0 (2020-07)	5G; 5G System; Unified Data Management Services; Stage 3 (3GPP TS 29.503 version 16.4.0 Release 16)
373	ETSI TS 129 504 V16.4.0 (2020-07)	5G; 5G System; Unified Data Repository Services; Stage 3 (3GPP TS 29.504 version 16.4.0 Release 16)
375	ETSI TS 129 504 V15.7.0 (2020-07)	5G; 5G System; Unified Data Repository Services; Stage 3 (3GPP TS 29.504 version 15.7.0 Release 15)
377	ETSI TS 129 505 V15.7.0 (2020-07)	5G; 5G System; Usage of the Unified Data Repository services for Subscription Data; Stage 3 (3GPP TS 29.505 version 15.7.0 Release 15)
378	ETSI TS 129 505 V16.3.0 (2020-07)	5G; 5G System; Usage of the Unified Data Repository services for Subscription Data; Stage 3 (3GPP TS 29.505 version 16.3.0 Release 16)
380	ETSI TS 129 509 V16.4.0 (2020-07)	5G; 5G System; Authentication Server Services; Stage 3 (3GPP TS 29.509 version 16.4.0 Release 16)
382	ETSI TS 129 510 V16.4.0 (2020-07)	5G; 5G System; Network function repository services; Stage 3 (3GPP TS 29.510 version 16.4.0 Release 16)
384	ETSI TS 129 511 V16.2.0 (2020-07)	5G; 5G System; Equipment Identity Register Services; Stage 3 (3GPP TS 29.511 version 16.2.0 Release 16)
386	ETSI TS 129 515 V16.1.0 (2020-07)	5G; 5G System; Gateway Mobile Location Services; Stage 3 (3GPP TS 29.515 version 16.1.0 Release 16)
387	ETSI TS 129 518 V16.4.0 (2020-07)	5G; 5G System; Access and Mobility Management Services; Stage 3 (3GPP TS 29.518 version 16.4.0 Release 16)
389	ETSI TS 129 526 V16.0.0 (2020-07)	5G; 5G System; Network Slice-Specific Authentication and Authorization (NSSAA) services; Stage 3 (3GPP TS 29.526 version 16.0.0 Release 16)
391	ETSI TS 129 531 V16.3.0 (2020-07)	5G; 5G System; Network Slice Selection Services; Stage 3 (3GPP TS 29.531 version 16.3.0 Release 16)
393	ETSI TS 129 540 V16.4.0 (2020-07)	5G; 5G System; SMS Services; Stage 3 (3GPP TS 29.540 version 16.4.0 Release 16)
395	ETSI TS 129 541 V16.1.0 (2020-07)	LTE; 5G; 5G System; Network Exposure (NE) function services for Non-IP Data Delivery (NIDD); Stage 3 (3GPP TS 29.541 version 16.1.0 Release 16)

396	ETSI TS 129 542 V16.1.0 (2020-07)	LTE; 5G; 5G System; Session management services for Non-IP Data Delivery (NIDD); Stage 3 (3GPP TS 29.542 version 16.1.0 Release 16)
398	ETSI TS 129 544 V16.1.0 (2020-07)	5G; 5G System; Secured Packet Application Function (SP-AF) services; Stage 3 (3GPP TS 29.544 version 16.1.0 Release 16)
400	ETSI TS 129 550 V16.1.0 (2020-07)	5G; 5G System; Steering of roaming application function services; Stage 3 (3GPP TS 29.550 version 16.1.0 Release 16)
402	ETSI TS 129 562 V16.1.0 (2020-07)	5G; 5G System; Home Subscriber Server (HSS) services for interworking with the IP Multimedia Subsystem (IMS); Stage 3 (3GPP TS 29.562 version 16.1.0 Release 16)
404	ETSI TS 129 563 V16.1.0 (2020-07)	5G; 5G System; Home Subscriber Server (HSS) services for interworking with Unified Data Management (UDM); Stage 3 (3GPP TS 29.563 version 16.1.0 Release 16)
405	ETSI TS 129 571 V16.4.0 (2020-07)	5G; 5G System; Common Data Types for Service Based Interfaces; Stage 3 (3GPP TS 29.571 version 16.4.0 Release 16)
407	ETSI TS 129 572 V16.3.0 (2020-07)	5G; 5G System; Location Management Services; Stage 3 (3GPP TS 29.572 version 16.3.0 Release 16)
409	ETSI TS 129 573 V16.3.0 (2020-07)	5G; 5G System; Public Land Mobile Network (PLMN) Interconnection; Stage 3 (3GPP TS 29.573 version 16.3.0 Release 16)
411	ETSI TS 129 598 V16.1.0 (2020-07)	5G; Unstructured data storage services (3GPP TS 29.598 version 16.1.0 Release 16)
413	ETSI TS 129 673 V16.1.0 (2020-07)	LTE; 5G; 5G System; UE radio capability management services; Stage 3 (3GPP TS 29.673 version 16.1.0 Release 16)
414	ETSI TS 129 674 V16.1.0 (2020-07)	LTE; 5G; Interface between the UE radio Capability Management Function (UCMF) and the Mobility Management Entity (MME); Stage 3 (3GPP TS 29.674 version 16.1.0 Release 16)
416	ETSI TS 131 101 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; UICC-terminal interface; Physical and logical characteristics (3GPP TS 31.101 version 16.0.0 Release 16)
418	ETSI TS 131 101 V15.3.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; UICC-terminal interface; Physical and logical characteristics (3GPP TS 31.101 version 15.3.0 Release 15)
420	ETSI TS 131 102 V16.4.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 16.4.0 Release 16)
422	ETSI TS 131 102 V15.10.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 15.10.0 Release 15)
423	ETSI TS 131 111 V16.1.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 16.1.0 Release 16)
425	ETSI TS 131 111 V15.9.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 15.9.0 Release 15)
427	ETSI TS 131 115 V15.1.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Secured packet structure for (Universal) Subscriber Identity Module (U)SIM Toolkit applications (3GPP TS 31.115 version 15.1.0 Release 15)
429	ETSI TS 131 121 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 16.0.0 Release 16)
431	ETSI TS 131 121 V15.8.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 15.8.0 Release 15)
432	ETSI TS 131 122 V15.2.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Universal Subscriber Identity Module (USIM) conformance test specification (3GPP TS 31.122 version 15.2.0 Release 15)
434	ETSI TS 131 122 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Universal Subscriber Identity Module (USIM) conformance test specification (3GPP TS 31.122 version 16.0.0 Release 16)
436	ETSI TS 131 130 V15.3.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; (U)SIM Application Programming Interface (API); (U)SIM API for Java™ Card (3GPP TS 31.130 version 15.3.0 Release 15)
438	ETSI TS 133 434 V16.0.0 (2020-07)	LTE; 5G; Security aspects of Service Enabler Architecture Layer (SEAL) for verticals (3GPP TS 33.434 version 16.0.0 Release 16)
440	ETSI TS 133 536 V16.0.0 (2020-07)	LTE; 5G; Security aspects of 3GPP support for advanced Vehicle-to-Everything (V2X) services (3GPP TS 33.536 version 16.0.0 Release 16)
441	ETSI TS 134 229-1 V15.4.0 (2020-07)	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 1: Protocol conformance specification (3GPP TS 34.229-1 version 15.4.0 Release 15)

443	ETSI TS 136 104 V16.6.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 16.6.0 Release 16)
445	ETSI TS 136 141 V16.6.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 16.6.0 Release 16)
447	ETSI TS 136 302 V16.1.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Services provided by the physical layer (3GPP TS 36.302 version 16.1.0 Release 16)
449	ETSI TS 136 305 V16.1.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Stage 2 functional specification of User Equipment (UE) positioning in E-UTRAN (3GPP TS 36.305 version 16.1.0 Release 16)
450	ETSI TS 136 306 V16.1.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 16.1.0 Release 16)
452	ETSI TS 136 323 V16.1.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Packet Data Convergence Protocol (PDCP) specification (3GPP TS 36.323 version 16.1.0 Release 16)
454	ETSI TS 136 579-5 V13.6.0 (2020-07)	LTE; Mission Critical (MC) services over LTE; Part 5: Abstract test suite (ATS) (3GPP TS 36.579-5 version 13.6.0 Release 13)
456	ETSI TR 136 921 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); FDD Home eNode B (HeNB) Radio Frequency (RF) requirements analysis (3GPP TR 36.921 version 16.0.0 Release 16)
458	ETSI TR 136 922 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); TDD Home eNode B (HeNB) Radio Frequency (RF) requirements analysis (3GPP TR 36.922 version 16.0.0 Release 16)
459	ETSI TR 136 931 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Frequency (RF) requirements for LTE Pico Node B (3GPP TR 36.931 version 16.0.0 Release 16)
461	ETSI TR 136 942 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Frequency (RF) system scenarios (3GPP TR 36.942 version 16.0.0 Release 16)
463	ETSI TR 137 985 V16.0.0 (2020-07)	LTE; 5G; Overall description of Radio Access Network (RAN) aspects for Vehicle-to-everything (V2X) based on LTE and NR (3GPP TR 37.985 version 16.0.0 Release 16)
465	ETSI TS 138 124 V16.0.0 (2020-07)	5G; NR; Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment (3GPP TS 38.124 version 16.0.0 Release 16)
467	ETSI TS 138 212 V16.2.0 (2020-07)	5G; NR; Multiplexing and channel coding (3GPP TS 38.212 version 16.2.0 Release 16)
468	ETSI TS 138 213 V16.2.0 (2020-07)	5G; NR; Physical layer procedures for control (3GPP TS 38.213 version 16.2.0 Release 16)
470	ETSI TS 138 214 V16.2.0 (2020-07)	5G; NR; Physical layer procedures for data (3GPP TS 38.214 version 16.2.0 Release 16)
472	ETSI TS 138 305 V16.1.0 (2020-07)	5G; NG Radio Access Network (NG-RAN); Stage 2 functional specification of User Equipment (UE) positioning in NG-RAN (3GPP TS 38.305 version 16.1.0 Release 16)
474	ETSI TS 138 306 V16.1.0 (2020-07)	5G; NR; User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 16.1.0 Release 16)
476	ETSI TS 138 321 V16.1.0 (2020-07)	5G; NR; Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 16.1.0 Release 16)
477	ETSI TS 138 323 V16.1.0 (2020-07)	5G; NR; Packet Data Convergence Protocol (PDCP) specification (3GPP TS 38.323 version 16.1.0 Release 16)
479	ETSI TS 138 331 V15.10.0 (2020-07)	5G; NR; Radio Resource Control (RRC); Protocol specification (3GPP TS 38.331 version 15.10.0 Release 15)
481	ETSI TS 138 331 V16.1.0 (2020-07)	5G; NR; Radio Resource Control (RRC); Protocol specification (3GPP TS 38.331 version 16.1.0 Release 16)
483	ETSI TS 138 340 V16.1.0 (2020-07)	5G; NR; Backhaul Adaptation Protocol (BAP) specification (3GPP TS 38.340 version 16.1.0 Release 16)
485	ETSI TS 124 281 V15.8.0 (2020-07)	LTE; Mission Critical Video (MCVideo) signalling control; Protocol specification (3GPP TS 24.281 version 15.8.0 Release 15)
486	ETSI TS 124 281 V14.9.0 (2020-07)	LTE; Mission Critical Video (MCVideo) signalling control; Protocol specification (3GPP TS 24.281 version 14.9.0 Release 14)
488	ETSI TS 124 281 V16.4.0 (2020-07)	LTE; Mission Critical Video (MCVideo) signalling control; Protocol specification (3GPP TS 24.281 version 16.4.0 Release 16)
490	ETSI TS 124 282 V14.9.0 (2020-07)	LTE; Mission Critical Data (MCData) signalling control; Protocol specification (3GPP TS 24.282 version 14.9.0 Release 14)
492	ETSI TS 124 282 V15.8.0 (2020-07)	LTE; Mission Critical Data (MCData) signalling control; Protocol specification (3GPP TS 24.282 version 15.8.0 Release 15)
494	ETSI TS 124 282 V16.4.1 (2020-07)	LTE; Mission Critical Data (MCData) signalling control; Protocol specification (3GPP TS 24.282 version 16.4.1 Release 16)
495	ETSI TS 124 337 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Core Network (CN) subsystem IP Multimedia Subsystem (IMS) inter-UE transfer; Stage 3 (3GPP TS 24.337 version 16.0.0 Release 16)

497	ETSI TS 124 390 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Unstructured Supplementary Service Data (USSD) using IP Multimedia (IM) Core Network (CN) subsystem IMS; Stage 3 (3GPP TS 24.390 version 16.0.0 Release 16)
499	ETSI TS 124 481 V14.6.0 (2020-07)	LTE; Mission Critical Services (MCS) group management; Protocol specification (3GPP TS 24.481 version 14.6.0 Release 14)
501	ETSI TS 124 481 V13.7.0 (2020-07)	LTE; Mission Critical Services (MCS) group management; Protocol specification (3GPP TS 24.481 version 13.7.0 Release 13)
503	ETSI TS 124 481 V15.4.0 (2020-07)	LTE; Mission Critical Services (MCS) group management; Protocol specification (3GPP TS 24.481 version 15.4.0 Release 15)
504	ETSI TS 124 481 V16.2.0 (2020-07)	LTE; Mission Critical Services (MCS) group management; Protocol specification (3GPP TS 24.481 version 16.2.0 Release 16)
506	ETSI TS 124 482 V15.1.0 (2020-07)	LTE; Mission Critical Services (MCS) identity management; Protocol specification (3GPP TS 24.482 version 15.1.0 Release 15)
508	ETSI TS 124 482 V16.0.0 (2020-07)	LTE; Mission Critical Services (MCS) identity management; Protocol specification (3GPP TS 24.482 version 16.0.0 Release 16)
510	ETSI TS 124 482 V14.4.0 (2020-07)	LTE; Mission Critical Services (MCS) identity management; Protocol specification (3GPP TS 24.482 version 14.4.0 Release 14)
512	ETSI TS 124 484 V16.6.0 (2020-07)	LTE; Mission Critical Services (MCS) configuration management; Protocol specification (3GPP TS 24.484 version 16.6.0 Release 16)
513	ETSI TS 124 486 V16.0.0 (2020-07)	LTE; 5G; Vehicle-to-Everything (V2X) Application Enabler (VAE) layer; Protocol aspects; Stage 3 (3GPP TS 24.486 version 16.0.0 Release 16)
515	ETSI TS 124 519 V16.1.0 (2020-07)	5G; 5G System (5GS); Time-Sensitive Networking (TSN) Application Function (AF) to Device-Side TSN Translator (DS-TT) and Network-Side TSN Translator (NW-TT) protocol aspects; Stage 3 (3GPP TS 24.519 version 16.1.0 Release 16)
517	ETSI TS 124 523 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Core and enterprise Next Generation Network (NGN) interaction scenarios; Architecture and functional description (3GPP TS 24.523 version 16.0.0 Release 16)
519	ETSI TS 124 524 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Hosted enterprise services; Architecture, functional description and signalling (3GPP TS 24.524 version 16.0.0 Release 16)
521	ETSI TS 124 525 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Business trunking; Architecture and functional description (3GPP TS 24.525 version 16.0.0 Release 16)
522	ETSI TS 124 526 V16.4.0 (2020-07)	5G; User Equipment (UE) policies for 5G System (5GS); Stage 3 (3GPP TS 24.526 version 16.4.0 Release 16)
524	ETSI TS 124 535 V16.1.0 (2020-07)	5G; 5G System (5GS); Device-Side Time Sensitive Networking (TSN) Translator (DS-TT) to Network-Side TSN Translator (NW-TT) protocol aspects; Stage 3 (3GPP TS 24.535 version 16.1.0 Release 16)
526	ETSI TS 124 581 V16.5.0 (2020-07)	LTE; Mission Critical Video (MCVideo) media plane control; Protocol specification (3GPP TS 24.581 version 16.5.0 Release 16)
528	ETSI TS 124 581 V15.5.0 (2020-07)	LTE; Mission Critical Video (MCVideo) media plane control; Protocol specification (3GPP TS 24.581 version 15.5.0 Release 15)
530	ETSI TS 124 582 V15.1.0 (2020-07)	LTE; Mission Critical Data (MCData) media plane control; Protocol specification (3GPP TS 24.582 version 15.1.0 Release 15)
531	ETSI TS 124 582 V14.3.0 (2020-07)	LTE; Mission Critical Data (MCData) media plane control; Protocol specification (3GPP TS 24.582 version 14.3.0 Release 14)
533	ETSI TS 124 582 V16.1.0 (2020-07)	LTE; Mission Critical Data (MCData) media plane control; Protocol specification (3GPP TS 24.582 version 16.1.0 Release 16)
535	ETSI TS 124 628 V16.2.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Common Basic Communication procedures using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification (3GPP TS 24.628 version 16.2.0 Release 16)
537	ETSI TR 124 969 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Business trunking; Next Generation Corporate Network (NGCN) - Next Generation Network (NGN) interfaces implementation guide (3GPP TR 24.969 version 16.0.0 Release 16)
539	ETSI TS 103 666-3 V16.0.0 (2020-07)	Smart Secure Platform (SSP); Part 3: Embedded SSP (eSSP) Type 1 characteristics (Release 16)
540	ETSI TS 124 281 V15.8.0 (2020-07)	LTE; Mission Critical Video (MCVideo) signalling control; Protocol specification (3GPP TS 24.281 version 15.8.0 Release 15)
542	ETSI TS 124 281 V14.9.0 (2020-07)	LTE; Mission Critical Video (MCVideo) signalling control; Protocol specification (3GPP TS 24.281 version 14.9.0 Release 14)
544	ETSI TS 124 281 V16.4.0 (2020-07)	LTE; Mission Critical Video (MCVideo) signalling control; Protocol specification (3GPP TS 24.281 version 16.4.0 Release 16)
546	ETSI TS 124 282 V16.4.1 (2020-07)	LTE; Mission Critical Data (MCData) signalling control; Protocol specification (3GPP TS 24.282 version 16.4.1 Release 16)
548	ETSI TS 124 282 V14.9.0 (2020-07)	LTE; Mission Critical Data (MCData) signalling control; Protocol specification (3GPP TS 24.282 version 14.9.0 Release 14)
549	ETSI TS 124 282 V15.8.0 (2020-07)	LTE; Mission Critical Data (MCData) signalling control; Protocol specification (3GPP TS 24.282 version 15.8.0 Release 15)

551	ETSI TS 124 337 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Core Network (CN) subsystem IP Multimedia Subsystem (IMS) inter-UE transfer; Stage 3 (3GPP TS 24.337 version 16.0.0 Release 16)
553	ETSI TS 124 390 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Unstructured Supplementary Service Data (USSD) using IP Multimedia (IM) Core Network (CN) subsystem IMS; Stage 3 (3GPP TS 24.390 version 16.0.0 Release 16)
555	ETSI TS 124 481 V13.7.0 (2020-07)	LTE; Mission Critical Services (MCS) group management; Protocol specification (3GPP TS 24.481 version 13.7.0 Release 13)
557	ETSI TS 124 481 V14.6.0 (2020-07)	LTE; Mission Critical Services (MCS) group management; Protocol specification (3GPP TS 24.481 version 14.6.0 Release 14)
558	ETSI TS 124 481 V15.4.0 (2020-07)	LTE; Mission Critical Services (MCS) group management; Protocol specification (3GPP TS 24.481 version 15.4.0 Release 15)
560	ETSI TS 124 481 V16.2.0 (2020-07)	LTE; Mission Critical Services (MCS) group management; Protocol specification (3GPP TS 24.481 version 16.2.0 Release 16)
562	ETSI TS 124 482 V14.4.0 (2020-07)	LTE; Mission Critical Services (MCS) identity management; Protocol specification (3GPP TS 24.482 version 14.4.0 Release 14)
564	ETSI TS 124 482 V15.1.0 (2020-07)	LTE; Mission Critical Services (MCS) identity management; Protocol specification (3GPP TS 24.482 version 15.1.0 Release 15)
566	ETSI TS 124 482 V16.0.0 (2020-07)	LTE; Mission Critical Services (MCS) identity management; Protocol specification (3GPP TS 24.482 version 16.0.0 Release 16)
567	ETSI TS 124 484 V16.6.0 (2020-07)	LTE; Mission Critical Services (MCS) configuration management; Protocol specification (3GPP TS 24.484 version 16.6.0 Release 16)
569	ETSI TS 124 486 V16.0.0 (2020-07)	LTE; 5G; Vehicle-to-Everything (V2X) Application Enabler (VAE) layer; Protocol aspects; Stage 3 (3GPP TS 24.486 version 16.0.0 Release 16)
571	ETSI TS 124 519 V16.1.0 (2020-07)	5G; 5G System (5GS); Time-Sensitive Networking (TSN) Application Function (AF) to Device-Side TSN Translator (DS-TT) and Network-Side TSN Translator (NW-TT) protocol aspects; Stage 3 (3GPP TS 24.519 version 16.1.0 Release 16)
573	ETSI TS 124 523 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Core and enterprise Next Generation Network (NGN) interaction scenarios; Architecture and functional description (3GPP TS 24.523 version 16.0.0 Release 16)
575	ETSI TS 124 524 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Hosted enterprise services; Architecture, functional description and signalling (3GPP TS 24.524 version 16.0.0 Release 16)
576	ETSI TS 124 525 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Business trunking; Architecture and functional description (3GPP TS 24.525 version 16.0.0 Release 16)
578	ETSI TS 124 526 V16.4.0 (2020-07)	5G; User Equipment (UE) policies for 5G System (5GS); Stage 3 (3GPP TS 24.526 version 16.4.0 Release 16)
580	ETSI TS 124 535 V16.1.0 (2020-07)	5G; 5G System (5GS); Device-Side Time Sensitive Networking (TSN) Translator (DS-TT) to Network-Side TSN Translator (NW-TT) protocol aspects; Stage 3 (3GPP TS 24.535 version 16.1.0 Release 16)
582	ETSI TS 124 581 V15.5.0 (2020-07)	LTE; Mission Critical Video (MCVideo) media plane control; Protocol specification (3GPP TS 24.581 version 15.5.0 Release 15)
584	ETSI TS 124 581 V16.5.0 (2020-07)	LTE; Mission Critical Video (MCVideo) media plane control; Protocol specification (3GPP TS 24.581 version 16.5.0 Release 16)
585	ETSI TS 124 582 V15.1.0 (2020-07)	LTE; Mission Critical Data (MCDData) media plane control; Protocol specification (3GPP TS 24.582 version 15.1.0 Release 15)
587	ETSI TS 124 582 V14.3.0 (2020-07)	LTE; Mission Critical Data (MCDData) media plane control; Protocol specification (3GPP TS 24.582 version 14.3.0 Release 14)
589	ETSI TS 124 582 V16.1.0 (2020-07)	LTE; Mission Critical Data (MCDData) media plane control; Protocol specification (3GPP TS 24.582 version 16.1.0 Release 16)
591	ETSI TS 124 628 V16.2.0 (2020-07)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Common Basic Communication procedures using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification (3GPP TS 24.628 version 16.2.0 Release 16)
593	ETSI TR 124 969 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Business trunking; Next Generation Corporate Network (NGCN) - Next Generation Network (NGN) interfaces implementation guide (3GPP TR 24.969 version 16.0.0 Release 16)
594	ETSI TR 124 980 V16.0.0 (2020-07)	LTE; Minimum requirements for support of MCPTT service over the Gm reference point (3GPP TR 24.980 version 16.0.0 Release 16)
596	ETSI TS 129 244 V15.9.0 (2020-07)	LTE; 5G; Interface between the Control Plane and the User Plane nodes (3GPP TS 29.244 version 15.9.0 Release 15)
598	ETSI TS 133 535 V16.0.0 (2020-07)	5G; Authentication and Key Management for Applications (AKMA) based on 3GPP credentials in the 5G System (5GS) (3GPP TS 33.535 version 16.0.0 Release 16)
600	ETSI TS 134 109 V16.0.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); Terminal logical test interface; Special conformance testing functions (3GPP TS 34.109 version 16.0.0 Release 16)

602	ETSI TS 136 300 V16.2.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Overall description; Stage 2 (3GPP TS 36.300 version 16.2.0 Release 16)
603	ETSI TS 136 300 V15.10.0 (2020-07)	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 15.10.0 Release 15)
605	ETSI TS 136 302 V13.8.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Services provided by the physical layer (3GPP TS 36.302 version 13.8.0 Release 13)
607	ETSI TS 136 302 V15.3.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Services provided by the physical layer (3GPP TS 36.302 version 15.3.0 Release 15)
609	ETSI TS 136 302 V14.6.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Services provided by the physical layer (3GPP TS 36.302 version 14.6.0 Release 14)
611	ETSI TS 136 304 V16.1.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 16.1.0 Release 16)
612	ETSI TS 136 304 V15.6.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 15.6.0 Release 15)
614	ETSI TS 136 305 V15.5.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Stage 2 functional specification of User Equipment (UE) positioning in E-UTRAN (3GPP TS 36.305 version 15.5.0 Release 15)
616	ETSI TS 136 306 V13.13.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 13.13.0 Release 13)
618	ETSI TS 136 306 V14.12.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 14.12.0 Release 14)
620	ETSI TS 136 306 V15.9.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 15.9.0 Release 15)
621	ETSI TS 136 314 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Layer 2 - Measurements (3GPP TS 36.314 version 16.0.0 Release 16)
623	ETSI TS 136 321 V16.1.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 16.1.0 Release 16)
625	ETSI TS 136 321 V15.9.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 15.9.0 Release 15)
627	ETSI TS 136 322 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Link Control (RLC) protocol specification (3GPP TS 36.322 version 16.0.0 Release 16)
629	ETSI TS 136 322 V15.4.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Link Control (RLC) protocol specification (3GPP TS 36.322 version 15.4.0 Release 15)
630	ETSI TS 136 323 V15.6.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Packet Data Convergence Protocol (PDCP) specification (3GPP TS 36.323 version 15.6.0 Release 15)
632	ETSI TS 136 331 V16.1.1 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification (3GPP TS 36.331 version 16.1.1 Release 16)
634	ETSI TS 136 331 V15.10.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification (3GPP TS 36.331 version 15.10.0 Release 15)
636	ETSI TS 136 355 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); LTE Positioning Protocol (LPP) (3GPP TS 36.355 version 16.0.0 Release 16)
638	ETSI TS 136 360 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); LTE-WLAN Aggregation Adaptation Protocol (LWAAP) specification (3GPP TS 36.360 version 16.0.0 Release 16)
639	ETSI TS 136 361 V16.0.0 (2020-07)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); LTE-WLAN Radio Level Integration Using Ipsec Tunnel (LWIP) encapsulation; Protocol specification (3GPP TS 36.361 version 16.0.0 Release 16)
641	ETSI TS 137 320 V16.1.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; Universal Terrestrial Radio Access (UTRA) and Evolved Universal Terrestrial Radio Access (E-UTRA); Radio measurement collection for Minimization of Drive Tests (MDT); Overall description; Stage 2 (3GPP TS 37.320 version 16.1.0 Release 16)
643	ETSI TS 137 340 V15.9.0 (2020-07)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR; Multi-connectivity; Overall description;
645	ETSI TS 137 355 V16.1.0 (2020-07)	LTE; 5G; LTE Positioning Protocol (LPP) (3GPP TS 37.355 version 16.1.0 Release 16)

647	ETSI TS 138 300 V16.2.0 (2020-07)	5G; NR; NR and NG-RAN Overall description; Stage-2 (3GPP TS 38.300 version 16.2.0 Release 16)
648	ETSI TS 138 300 V15.10.0 (2020-07)	5G; NR; NR and NG-RAN Overall description; Stage-2 (3GPP TS 38.300 version 15.10.0 Release 15)
650	ETSI TS 138 304 V16.1.0 (2020-07)	5G; NR; User Equipment (UE) procedures in idle mode and in RRC Inactive state (3GPP TS 38.304 version 16.1.0 Release 16)
652	ETSI TS 138 304 V15.7.0 (2020-07)	5G; NR; User Equipment (UE) procedures in idle mode and in RRC Inactive state (3GPP TS 38.304 version 15.7.0 Release 15)
654	ETSI TS 138 305 V15.6.0 (2020-07)	5G; NG Radio Access Network (NG-RAN); Stage 2 functional specification of User Equipment (UE) positioning in NG-RAN (3GPP TS 38.305 version 15.6.0 Release 15)
656	ETSI TS 138 306 V15.10.0 (2020-07)	5G; NR; User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 15.10.0 Release 15)
657	ETSI TS 138 314 V16.0.0 (2020-07)	5G; NR; Layer 2 measurements (3GPP TS 38.314 version 16.0.0 Release 16)
659	ETSI TS 138 321 V15.9.0 (2020-07)	5G; NR; Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 15.9.0 Release 15)
661	ETSI TS 138 322 V16.1.0 (2020-07)	5G; NR; Radio Link Control (RLC) protocol specification (3GPP TS 38.322 version 16.1.0 Release 16)