

Nr.	Standard reference	Title
1	ETSI ES 202 785 V1.9.1 (2022-05)	Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; TTCN-3 Language Extensions: Behaviour Types
2	ETSI TR 103 627 V1.1.1 (2022-05)	Core Network and Interoperability Testing (INT/WG AFI) Autonomy and Self-Management in IMS architecture
3	ETSI TS 122 053 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Tandem Free Operation (TFO); Service description; Stage 1 (3GPP TS 22.053 version 17.0.0 Release 17)
4	ETSI TS 122 076 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Noise suppression for the AMR codec; Service description; Stage 1 (3GPP TS 22.076 version 17.0.0 Release 17)
5	ETSI TS 123 053 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Tandem Free Operation (TFO); Service description; Stage 2 (3GPP TS 23.053 version 17.0.0 Release 17)
6	ETSI TS 125 421 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); UTRAN Iur interface layer 1 (3GPP TS 25.421 version 17.0.0 Release 17)
7	ETSI TS 125 423 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); UTRAN Iur interface Radio Network Subsystem Application Part (RNSAP) signalling (3GPP TS 25.423 version 17.0.0 Release 17)
8	ETSI TS 126 071 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Mandatory speech CODEC speech processing functions; AMR speech Codec; General description (3GPP TS 26.071 version 17.0.0 Release 17)
9	ETSI TS 126 073 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; ANSI-C code for the Adaptive Multi Rate (AMR) speech codec (3GPP TS 26.073 version 17.0.0 Release 17)
10	ETSI TS 126 077 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Minimum performance requirements for Noise Suppressor; Application to the Adaptive Multi-Rate (AMR) speech encoder (3GPP TS 26.077 version 17.0.0 Release 17)
11	ETSI TS 126 090 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Mandatory Speech Codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec; Transcoding functions (3GPP TS 26.090 version 17.0.0 Release 17)
12	ETSI TS 126 091 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Mandatory Speech Codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec; Error concealment of lost frames (3GPP TS 26.091 version 17.0.0 Release 17)
13	ETSI TS 126 092 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec; Comfort noise aspects (3GPP TS 26.092 version 17.0.0 Release 17)
14	ETSI TS 126 093 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Mandatory speech codec speech processing functions Adaptive Multi-Rate (AMR) speech codec; Source controlled rate operation (3GPP TS 26.093 version 17.0.0 Release 17)

15	ETSI TS 126 094 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec; Voice Activity Detector (VAD) (3GPP TS 26.094 version 17.0.0 Release 17)
16	ETSI TS 126 101 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec frame structure (3GPP TS 26.101 version 17.0.0 Release 17)
17	ETSI TS 126 102 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Mandatory speech codec; Adaptive Multi-Rate (AMR) speech codec; Interface to Iu, Uu and Nb (3GPP TS 26.102 version 17.0.0 Release 17)
18	ETSI TS 126 103 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Speech codec list for GSM and UMTS (3GPP TS 26.103 version 17.0.0 Release 17)
19	ETSI TS 126 104 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; ANSI-C code for the floating-point Adaptive Multi-Rate (AMR) speech codec (3GPP TS 26.104 version 17.0.0 Release 17)
20	ETSI TS 126 110 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Codec for circuit switched multimedia telephony service; General description (3GPP TS 26.110 version 17.0.0 Release 17)
21	ETSI TS 126 111 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Codec for circuit switched multimedia telephony service; Modifications to H.324 (3GPP TS 26.111 version 17.0.0 Release 17)
22	ETSI TS 126 115 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Echo control for speech and multimedia services (3GPP TS 26.115 version 17.0.0 Release 17)
23	ETSI TS 126 117 V17.0.0 (2022-05)	5G; 5G Media Streaming (5GMS); Speech and audio profiles (3GPP TS 26.117 version 17.0.0 Release 17)
24	ETSI TS 126 139 V17.0.0 (2022-05)	LTE; 5G; Real-time Transport Protocol (RTP) / RTP Control Protocol (RTCP) verification procedures (3GPP TS 26.139 version 17.0.0 Release 17)
25	ETSI TS 126 140 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Multimedia Messaging Service (MMS); Media formats and codecs (3GPP TS 26.140 version 17.0.0 Release 17)
26	ETSI TS 126 141 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; IP Multimedia System (IMS) Messaging and Presence; Media formats and codecs (3GPP TS 26.141 version 17.0.0 Release 17)
27	ETSI TS 126 142 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Dynamic and Interactive Multimedia Scenes (DIMS) (3GPP TS 26.142 version 17.0.0 Release 17)
28	ETSI TS 126 150 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Syndicated Feed Reception (SFR) within 3GPP environments; Protocols and codecs (3GPP TS 26.150 version 17.0.0 Release 17)
29	ETSI TS 126 171 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; General description (3GPP TS 26.171 version 17.0.0 Release 17)
30	ETSI TS 126 173 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; ANSI-C code for the Adaptive Multi-Rate - Wideband (AMR-WB) speech codec (3GPP TS 26.173 version 17.0.0 Release 17)

31	ETSI TS 126 174 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec test sequences (3GPP TS 26.174 version 17.0.0 Release 17)
32	ETSI TS 126 177 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Digital cellular telecommunications system (Phase 2+) (GSM); 5G; Speech Enabled Services (SES); Distributed Speech Recognition (DSR) extended advanced front-end test sequences (3GPP TS 26.177 version 17.0.0 Release 17)
33	ETSI TS 126 179 V17.0.0 (2022-05)	LTE; Mission Critical Push To Talk (MCPTT); Codecs and media handling (3GPP TS 26.179 version 17.0.0 Release 17)
34	ETSI TS 126 190 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Transcoding functions (3GPP TS 26.190 version 17.0.0 Release 17)
35	ETSI TS 126 191 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Error concealment of erroneous or lost frames (3GPP TS 26.191 version 17.0.0 Release 17)
36	ETSI TS 126 192 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Comfort noise aspects (3GPP TS 26.192 version 17.0.0 Release 17)
37	ETSI TS 126 193 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Source controlled rate operation (3GPP TS 26.193 version 17.0.0 Release 17)
38	ETSI TS 126 194 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Voice Activity Detector (VAD) (3GPP TS 26.194 version 17.0.0 Release 17)
39	ETSI TS 126 201 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Frame structure (3GPP TS 26.201 version 17.0.0 Release 17)
40	ETSI TS 126 202 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; Interface to Iu, Uu and Nb (3GPP TS 26.202 version 17.0.0 Release 17)
41	ETSI TS 126 204 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Speech codec speech processing functions; Adaptive Multi-Rate - Wideband (AMR-WB) speech codec; ANSI-C code (3GPP TS 26.204 version 17.0.0 Release 17)
42	ETSI TS 126 223 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Telepresence using the IP Multimedia Subsystem (IMS); Media handling and interaction (3GPP TS 26.223 version 17.0.0 Release 17)
43	ETSI TS 126 226 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Cellular text telephone modem; General description (3GPP TS 26.226 version 17.0.0 Release 17)

44	ETSI TS 126 230 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Cellular text telephone modem; Transmitter bit exact C-code (3GPP TS 26.230 version 17.0.0 Release 17)
45	ETSI TS 126 231 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Cellular text telephone modem; Minimum performance requirements (3GPP TS 26.231 version 17.0.0 Release 17)
46	ETSI TS 126 234 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Transparent end-to-end Packet-switched Streaming Service (PSS); Protocols and codecs (3GPP TS 26.234 version 17.0.0 Release 17)
47	ETSI TS 126 243 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; ANSI-C code for the fixed-point distributed speech recognition extended advanced front-end (3GPP TS 26.243 version 17.0.0 Release 17)
48	ETSI TS 126 244 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Transparent end-to-end packet switched streaming service (PSS); 3GPP file format (3GP) (3GPP TS 26.244 version 17.0.0 Release 17)
49	ETSI TS 126 245 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Transparent end-to-end Packet switched Streaming Service (PSS); Timed text format (3GPP TS 26.245 version 17.0.0 Release 17)
50	ETSI TS 126 246 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Transparent end-to-end Packet-switched Streaming Service (PSS); 3GPP SMIL language profile (3GPP TS 26.246 version 17.0.0 Release 17)
51	ETSI TS 126 259 V17.0.0 (2022-05)	5G; Subjective test methodologies for the evaluation of immersive audio systems (3GPP TS 26.259 version 17.0.0 Release 17)
52	ETSI TS 126 260 V17.0.0 (2022-05)	5G; Objective test methodologies for the evaluation of immersive audio systems (3GPP TS 26.260 version 17.0.0 Release 17)
53	ETSI TS 126 267 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); eCall data transfer; In-band modem solution; General description (3GPP TS 26.267 version 17.0.0 Release 17)
54	ETSI TS 126 268 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); eCall data transfer; In-band modem solution; ANSI-C reference code (3GPP TS 26.268 version 17.0.0 Release 17)
55	ETSI TS 126 269 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); eCall data transfer; In-band modem solution; Conformance testing (3GPP TS 26.269 version 17.0.0 Release 17)
56	ETSI TS 126 273 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; ANSI-C code for the fixed-point Extended Adaptive Multi-Rate - Wideband (AMR-WB+) speech codec (3GPP TS 26.273 version 17.0.0 Release 17)
57	ETSI TS 126 274 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Audio codec processing functions; Extended Adaptive Multi-Rate - Wideband (AMR-WB+) speech codec; Conformance testing (3GPP TS 26.274 version 17.0.0 Release 17)
58	ETSI TS 126 281 V17.0.0 (2022-05)	LTE; 5G; Mission Critical Video (MCVideo); Codecs and media handling (3GPP TS 26.281 version 17.0.0 Release 17)
59	ETSI TS 126 290 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Audio codec processing functions; Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec; Transcoding functions (3GPP TS 26.290 version 17.0.0 Release 17)

60	ETSI TS 126 304 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Extended Adaptive Multi-Rate - Wideband (AMR-WB+) codec; Floating-point ANSI-C code (3GPP TS 26.304 version 17.0.0 Release 17)
61	ETSI TS 126 307 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Presentation layer for 3GPP services (3GPP TS 26.307 version 17.0.0 Release 17)
62	ETSI TS 126 346 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Multimedia Broadcast/Multicast Service (MBMS); Protocols and codecs (3GPP TS 26.346 version 17.0.0 Release 17)
63	ETSI TS 126 348 V17.0.0 (2022-05)	LTE; 5G; Northbound Application Programming Interface (API) for Multimedia Broadcast/Multicast Service (MBMS) at the xMB reference point (3GPP TS 26.348 version 17.0.0 Release 17)
64	ETSI TS 126 401 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; General audio codec audio processing functions; Enhanced aacPlus general audio codec; General description (3GPP TS 26.401 version 17.0.0 Release 17)
65	ETSI TS 126 402 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; General audio codec audio processing functions; Enhanced aacPlus general audio codec; Additional decoder tools (3GPP TS 26.402 version 17.0.0 Release 17)
66	ETSI TS 126 403 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; General audio codec audio processing functions; Enhanced aacPlus general audio codec; Advanced Audio Coding (AAC) part (3GPP TS 26.403 version 17.0.0 Release 17)
67	ETSI TS 126 404 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; General audio codec audio processing functions; Enhanced aacPlus general audio codec; Enhanced aacPlus encoder Spectral Band Replication (SBR) part (3GPP TS 26.404 version 17.0.0 Release 17)
68	ETSI TS 126 405 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; General audio codec audio processing functions; Enhanced aacPlus general audio codec; Encoder specification parametric stereo part (3GPP TS 26.405 version 17.0.0 Release 17)
69	ETSI TS 126 406 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; General audio codec audio processing functions; Enhanced aacPlus general audio codec; Conformance testing (3GPP TS 26.406 version 17.0.0 Release 17)
70	ETSI TS 126 410 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; General audio codec audio processing functions; Enhanced aacPlus general audio codec; Floating-point ANSI-C code (3GPP TS 26.410 version 17.0.0 Release 17)
71	ETSI TS 126 411 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; General audio codec audio processing functions; Enhanced aacPlus general audio codec; Fixed-point ANSI-C code (3GPP TS 26.411 version 17.0.0 Release 17)
72	ETSI TS 126 412 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Source code for 3GP file format (3GPP TS 26.412 version 17.0.0 Release 17)
73	ETSI TS 126 430 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Timed graphics (3GPP TS 26.430 version 17.0.0 Release 17)

74	ETSI TR 126 944 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; End-to-end multimedia services performance metrics (3GPP TR 26.944 version 17.0.0 Release 17)
75	ETSI TR 126 946 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Multimedia Broadcast/Multicast Service (MBMS) user service guidelines (3GPP TR 26.946 version 17.0.0 Release 17)
76	ETSI TR 126 947 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Multimedia Broadcast/Multicast Service (MBMS); Selection and characterisation of application layer Forward Error Correction (FEC) (3GPP TR 26.947 version 17.0.0 Release 17)
77	ETSI TR 126 948 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Study on video enhancements in 3GPP multimedia services (3GPP TR 26.948 version 17.0.0 Release 17)
78	ETSI TR 126 949 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Video formats for 3GPP services (3GPP TR 26.949 version 17.0.0 Release 17)
79	ETSI TR 126 950 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Study on Surround Sound codec extension for Packet Switched Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) (3GPP TR 26.950 version 17.0.0 Release 17)
80	ETSI TR 126 952 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Performance characterization (3GPP TR 26.952 version 17.0.0 Release 17)
81	ETSI TR 126 953 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Interactivity support for 3GPP-based streaming and download services (3GPP TR 26.953 version 17.0.0 Release 17)
82	ETSI TR 126 954 V17.0.0 (2022-05)	LTE; 5G; Test plan for speech quality and delay through a headset electrical interface (3GPP TR 26.954 version 17.0.0 Release 17)
83	ETSI TR 126 957 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Study on Server And Network-assisted Dynamic Adaptive Streaming over HTTP (DASH) (SAND) for 3GPP multimedia services (3GPP TR 26.957 version 17.0.0 Release 17)
84	ETSI TR 126 959 V17.0.0 (2022-05)	5G; Study on enhanced Voice over LTE (VoLTE) performance (3GPP TR 26.959 version 17.0.0 Release 17)
85	ETSI TR 126 967 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); eCall data transfer; In-band modem solution (3GPP TR 26.967 version 17.0.0 Release 17)
86	ETSI TR 126 969 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); eCall data transfer; In-band modem solution; Characterization report (3GPP TR 26.969 version 17.0.0 Release 17)
87	ETSI TR 126 973 V17.0.0 (2022-05)	5G; Update to fixed-point basic operators (3GPP TR 26.973 version 17.0.0 Release 17)
88	ETSI TR 126 975 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Performance characterization of the Adaptive Multi-Rate (AMR) speech codec (3GPP TR 26.975 version 17.0.0 Release 17)
89	ETSI TR 126 976 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Performance characterization of the Adaptive Multi-Rate Wideband (AMR-WB) speech codec (3GPP TR 26.976 version 17.0.0 Release 17)
90	ETSI TR 126 978 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Results of the Adaptive Multi-Rate (AMR) noise suppression selection phase (3GPP TR 26.978 version 17.0.0 Release 17)

91	ETSI TR 126 980 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Multimedia telephony over IP Multimedia Subsystem (IMS); Media handling aspects of multi-stream multiparty conferencing for Multimedia Telephony Service for IMS (MTSI) (3GPP TR 26.980 version 17.0.0 Release 17)
92	ETSI TR 126 981 V17.0.0 (2022-05)	LTE; 5G; MBMS Extensions for Provisioning and Content Ingestion (3GPP TR 26.981 version 17.0.0 Release 17)
93	ETSI TR 126 985 V17.0.0 (2022-05)	5G; Vehicle-to-everything (V2X); Media handling and interaction (3GPP TR 26.985 version 17.0.0 Release 17)
94	ETSI TR 126 989 V17.0.0 (2022-05)	LTE; 5G; Mission Critical Push To Talk (MCPTT); Media, codecs and Multimedia Broadcast/Multicast Service (MBMS) enhancements for MCPTT over LTE (3GPP TR 26.989 version 17.0.0 Release 17)
95	ETSI TR 126 999 V17.0.0 (2022-05)	5G; LTE; Virtual Reality (VR) streaming interoperability and characterization (3GPP TR 26.999 version 17.0.0 Release 17)
96	ETSI TS 128 062 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Inband Tandem Free Operation (TFO) of speech codecs; Service description; Stage 3 (3GPP TS 28.062 version 17.0.0 Release 17)
97	ETSI TS 128 541 V16.11.2 (2022-05)	5G; Management and orchestration; 5G Network Resource Model (NRM); Stage 2 and stage 3 (3GPP TS 28.541 version 16.11.2 Release 16)
98	ETSI TS 128 541 V16.12.2 (2022-05)	5G; Management and orchestration; 5G Network Resource Model (NRM); Stage 2 and stage 3 (3GPP TS 28.541 version 16.12.2 Release 16)
99	ETSI TS 132 602 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Information Service (IS) (3GPP TS 32.602 version 17.0.0 Release 17)
100	ETSI TS 132 606 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Configuration Management (CM); Basic CM Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 32.606 version 17.0.0 Release 17)
101	ETSI TS 132 611 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Requirements (3GPP TS 32.611 version 17.0.0 Release 17)
102	ETSI TS 132 612 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP): Information Service (IS) (3GPP TS 32.612 version 17.0.0 Release 17)
103	ETSI TS 132 616 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Configuration Management (CM); Bulk CM Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 32.616 version 17.0.0 Release 17)
104	ETSI TS 132 661 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Configuration Management (CM); Kernel CM Requirements (3GPP TS 32.661 version 17.0.0 Release 17)
105	ETSI TS 132 662 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Configuration Management (CM); Kernel CM Information Service (IS) (3GPP TS 32.662 version 17.0.0 Release 17)

106	ETSI TS 132 666 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Configuration Management (CM); Kernel CM Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 32.666 version 17.0.0 Release 17)
107	ETSI TS 132 690 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Inventory Management (IM); Requirements (3GPP TS 32.690 version 17.0.0 Release 17)
108	ETSI TR 132 901 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Study on User Data Convergence (UDC) information model handling and provisioning; Example use cases (3GPP TR 32.901 version 17.0.0 Release 17)
109	ETSI TR 132 972 V17.0.0 (2022-05)	5G; Telecommunication management; Study on system and functional aspects of energy efficiency in 5G networks (3GPP TR 32.972 version 17.0.0 Release 17)
110	ETSI TS 134 123-2 V15.3.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); User Equipment (UE) conformance specification; Part 2: Implementation conformance statement (ICS) proforma specification (3GPP TS 34.123-2 version 15.3.0 Release 15)
111	ETSI TS 134 229-1 V16.1.0 (2022-05)	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 16.1.0 Release 16)
112	ETSI TS 134 229-2 V16.2.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; 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 16.2.0 Release 16)
113	ETSI TS 134 229-3 V16.5.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; 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 16.5.0 Release 16)
114	ETSI TS 134 229-5 V16.2.0 (2022-05)	5G; Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 5: Protocol conformance specification using 5G System (5GS) (3GPP TS 34.229-5 version 16.2.0 Release 16)
115	ETSI TS 136 401 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Architecture description (3GPP TS 36.401 version 17.0.0 Release 17)
116	ETSI TS 136 410 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 general aspects and principles (3GPP TS 36.410 version 17.0.0 Release 17)
117	ETSI TS 136 411 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 layer 1 (3GPP TS 36.411 version 17.0.0 Release 17)
118	ETSI TS 136 412 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 signalling transport (3GPP TS 36.412 version 17.0.0 Release 17)
119	ETSI TS 136 413 V15.11.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 Application Protocol (S1AP) (3GPP TS 36.413 version 15.11.0 Release 15)
120	ETSI TS 136 413 V16.9.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 Application Protocol (S1AP) (3GPP TS 36.413 version 16.9.0 Release 16)
121	ETSI TS 136 413 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 Application Protocol (S1AP) (3GPP TS 36.413 version 17.0.0 Release 17)

122	ETSI TS 136 414 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 data transport (3GPP TS 36.414 version 17.0.0 Release 17)
123	ETSI TS 136 420 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 general aspects and principles (3GPP TS 36.420 version 17.0.0 Release 17)
124	ETSI TS 136 421 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 layer 1 (3GPP TS 36.421 version 17.0.0 Release 17)
125	ETSI TS 136 422 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 signalling transport (3GPP TS 36.422 version 17.0.0 Release 17)
126	ETSI TS 136 423 V16.9.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 Application Protocol (X2AP) (3GPP TS 36.423 version 16.9.0 Release 16)
127	ETSI TS 136 423 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 Application Protocol (X2AP) (3GPP TS 36.423 version 17.0.0 Release 17)
128	ETSI TS 136 423 V15.13.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 Application Protocol (X2AP) (3GPP TS 36.423 version 15.13.0 Release 15)
129	ETSI TS 136 424 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 data transport (3GPP TS 36.424 version 17.0.0 Release 17)
130	ETSI TS 136 425 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 interface user plane protocol (3GPP TS 36.425 version 17.0.0 Release 17)
131	ETSI TS 136 440 V17.0.0 (2022-05)	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 17.0.0 Release 17)
132	ETSI TS 136 441 V17.0.0 (2022-05)	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 17.0.0 Release 17)
133	ETSI TS 136 442 V17.0.0 (2022-05)	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 17.0.0 Release 17)
134	ETSI TS 136 443 V17.0.1 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); M2 Application Protocol (M2AP) (3GPP TS 36.443 version 17.0.1 Release 17)
135	ETSI TS 136 444 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); M3 Application Protocol (M3AP) (3GPP TS 36.444 version 17.0.0 Release 17)
136	ETSI TS 136 445 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); M1 data transport (3GPP TS 36.445 version 17.0.0 Release 17)
137	ETSI TS 136 455 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); LTE Positioning Protocol A (LPPa) (3GPP TS 36.455 version 17.0.0 Release 17)
138	ETSI TS 136 456 V17.0.1 (2022-05)	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 17.0.1 Release 17)
139	ETSI TS 136 457 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); SLm interface layer 1 (3GPP TS 36.457 version 17.0.0 Release 17)
140	ETSI TS 136 458 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); SLm interface signalling transport (3GPP TS 36.458 version 17.0.0 Release 17)
141	ETSI TS 136 459 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); SLm interface Application Protocol (SLmAP) (3GPP TS 36.459 version 17.0.0 Release 17)
142	ETSI TS 136 461 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw layer 1 (3GPP TS 36.461 version 17.0.0 Release 17)

143	ETSI TS 136 462 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw signalling transport (3GPP TS 36.462 version 17.0.0 Release 17)
144	ETSI TS 136 463 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless Local Area Network (WLAN); Xw application protocol (XwAP) (3GPP TS 36.463 version 17.0.0 Release 17)
145	ETSI TS 136 464 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless Local Area Network (WLAN); Xw data transport (3GPP TS 36.464 version 17.0.0 Release 17)
146	ETSI TS 136 509 V16.2.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); Special conformance testing functions for User Equipment (UE) (3GPP TS 36.509 version 16.2.0 Release 16)
147	ETSI TS 136 509 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); Special conformance testing functions for User Equipment (UE) (3GPP TS 36.509 version 17.0.0 Release 17)
148	ETSI TS 136 521-2 V16.12.0 (2022-05)	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 16.12.0 Release 16)
149	ETSI TS 136 521-3 V16.11.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 3: Radio Resource Management (RRM) conformance testing (3GPP TS 36.521-3 version 16.11.0 Release 16)
150	ETSI TS 136 523-2 V17.1.0 (2022-05)	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 17.1.0 Release 17)
151	ETSI TS 136 579-4 V15.3.0 (2022-05)	LTE; Mission Critical (MC) services over LTE; Part 4: Test Applicability and Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.579-4 version 15.3.0 Release 15)
152	ETSI TS 136 579-5 V14.6.0 (2022-05)	LTE; Mission Critical (MC) services over LTE; Part 5: Abstract test suite (ATS) (3GPP TS 36.579-5 version 14.6.0 Release 14)
153	ETSI TS 136 579-6 V15.2.0 (2022-05)	LTE; Mission Critical (MC) services over LTE; Part 6: Mission Critical Video (MCVideo) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-6 version 15.2.0 Release 15)
154	ETSI TR 136 913 V17.0.0 (2022-05)	LTE; Requirements for further advancements for Evolved Universal Terrestrial Radio Access (E-UTRA) (LTE-Advanced) (3GPP TR 36.913 version 17.0.0 Release 17)
155	ETSI TR 136 932 V17.0.0 (2022-05)	LTE; Scenarios and requirements for small cell enhancements for E-UTRA and E-UTRAN (3GPP TR 36.932 version 17.0.0 Release 17)
156	ETSI TS 137 571-1 V16.11.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; User Equipment (UE) conformance specification for UE positioning; Part 1: Conformance test specification (3GPP TS 37.571-1 version 16.11.0 Release 16)
157	ETSI TS 137 571-2 V16.11.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; User Equipment (UE) conformance specification for UE positioning; Part 2: Protocol conformance (3GPP TS 37.571-2 version 16.11.0 Release 16)
158	ETSI TS 137 571-3 V16.11.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; User Equipment (UE) conformance specification for UE positioning; Part 3: Implementation Conformance Statement (ICS) (3GPP TS 37.571-3 version 16.11.0 Release 16)
159	ETSI TS 137 571-4 V16.5.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; User Equipment (UE) conformance specification for UE positioning; Part 4: Test suites (3GPP TS 37.571-4 version 16.5.0 Release 16)
160	ETSI TR 137 901-5 V16.7.0 (2022-05)	5G; Study on 5G NR User Equipment (UE) application layer data throughput performance (3GPP TR 37.901-5 version 16.7.0 Release 16)
161	ETSI TR 137 910 V17.0.0 (2022-05)	5G; Study on self evaluation towards IMT-2020 submission (3GPP TR 37.910 version 17.0.0 Release 17)

162	ETSI TS 138 213 V17.1.0 (2022-05)	5G; NR; Physical layer procedures for control (3GPP TS 38.213 version 17.1.0 Release 17)
163	ETSI TS 138 214 V17.1.0 (2022-05)	5G; NR; Physical layer procedures for data (3GPP TS 38.214 version 17.1.0 Release 17)
164	ETSI TS 138 401 V16.9.0 (2022-05)	5G; NG-RAN; Architecture description (3GPP TS 38.401 version 16.9.0 Release 16)
165	ETSI TS 138 401 V17.0.0 (2022-05)	5G; NG-RAN; Architecture description (3GPP TS 38.401 version 17.0.0 Release 17)
166	ETSI TS 138 410 V17.0.0 (2022-05)	5G; NG-RAN; NG general aspects and principles (3GPP TS 38.410 version 17.0.0 Release 17)
167	ETSI TS 138 413 V16.9.0 (2022-05)	5G; NG-RAN; NG Application Protocol (NGAP) (3GPP TS 38.413 version 16.9.0 Release 16)
168	ETSI TS 138 413 V17.0.0 (2022-05)	5G; NG-RAN; NG Application Protocol (NGAP) (3GPP TS 38.413 version 17.0.0 Release 17)
169	ETSI TS 138 415 V17.0.0 (2022-05)	5G; NG-RAN; PDU session user plane protocol (3GPP TS 38.415 version 17.0.0 Release 17)
170	ETSI TS 138 420 V17.0.0 (2022-05)	5G; NG-RAN; Xn general aspects and principles (3GPP TS 38.420 version 17.0.0 Release 17)
171	ETSI TS 138 423 V16.9.0 (2022-05)	5G; NG-RAN; Xn Application Protocol (XnAP) (3GPP TS 38.423 version 16.9.0 Release 16)
172	ETSI TS 138 423 V17.0.0 (2022-05)	5G; NG-RAN; Xn Application Protocol (XnAP) (3GPP TS 38.423 version 17.0.0 Release 17)
173	ETSI TS 138 423 V15.15.0 (2022-05)	5G; NG-RAN; Xn Application Protocol (XnAP) (3GPP TS 38.423 version 15.15.0 Release 15)
174	ETSI TS 138 425 V17.0.0 (2022-05)	5G; NG-RAN; NR user plane protocol (3GPP TS 38.425 version 17.0.0 Release 17)
175	ETSI ES 201 873-1 V4.14.1 (2022-05)	Methods for Testing and Specification (MTS); The Testing and Test Control Notation version 3; Part 1: TTCN-3 Core Language
176	ETSI GR NFV-TST 007 V3.1.1 (2022-05)	Network Functions Virtualisation (NFV) Release 3; Testing; Guidelines on Interoperability Testing for MANO
177	ETSI GS NFV-TST 010 V3.5.1 (2022-05)	Network Functions Virtualisation (NFV) Release 3; Testing; API Conformance Testing Specification
178	ETSI GS PDL 012 V1.1.1 (2022-05)	Permissioned Distributed ledger (PDL); Reference Architecture
179	ETSI TS 103 270 V1.4.1 (2022-05)	RadioDNS Hybrid Radio; Hybrid lookup for radio services
180	ETSI TR 103 761 V1.1.1 (2022-05)	Core Network and Interoperability Testing (INT); Methodologies for E2E Testing & Validation of Vertical Applications over 5G & Beyond networks
181	ETSI TS 125 201 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Physical layer - general description (3GPP TS 25.201 version 17.0.0 Release 17)
182	ETSI TS 125 202 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); 7.68 Mcps Time Division Duplex (TDD) option; Overall description: Stage 2 (3GPP TS 25.202 version 17.0.0 Release 17)
183	ETSI TS 125 211 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Physical channels and mapping of transport channels onto physical channels (FDD) (3GPP TS 25.211 version 17.0.0 Release 17)
184	ETSI TS 125 212 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Multiplexing and channel coding (FDD) (3GPP TS 25.212 version 17.0.0 Release 17)
185	ETSI TS 125 213 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Spreading and modulation (FDD) (3GPP TS 25.213 version 17.0.0 Release 17)
186	ETSI TS 125 214 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Physical layer procedures (FDD) (3GPP TS 25.214 version 17.0.0 Release 17)
187	ETSI TS 125 215 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Physical layer; Measurements (FDD) (3GPP TS 25.215 version 17.0.0 Release 17)
188	ETSI TS 125 221 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Physical channels and mapping of transport channels onto physical channels (TDD) (3GPP TS 25.221 version 17.0.0 Release 17)
189	ETSI TS 125 222 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Multiplexing and channel coding (TDD) (3GPP TS 25.222 version 17.0.0 Release 17)

190	ETSI TS 125 223 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Spreading and modulation (TDD) (3GPP TS 25.223 version 17.0.0 Release 17)
191	ETSI TS 125 224 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Physical layer procedures (TDD) (3GPP TS 25.224 version 17.0.0 Release 17)
192	ETSI TS 125 225 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Physical layer; Measurements (TDD) (3GPP TS 25.225 version 17.0.0 Release 17)
193	ETSI TS 125 300 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Universal Terrestrial Radio Access Network (UTRAN); General description; Stage 2 (3GPP TS 25.300 version 17.0.0 Release 17)
194	ETSI TS 125 301 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Radio interface protocol architecture (3GPP TS 25.301 version 17.0.0 Release 17)
195	ETSI TS 125 302 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Services provided by the physical layer (3GPP TS 25.302 version 17.0.0 Release 17)
196	ETSI TS 125 303 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Interlayer procedures in Connected Mode (3GPP TS 25.303 version 17.0.0 Release 17)
197	ETSI TS 125 304 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); User Equipment (UE) procedures in idle mode and procedures for cell reselection in connected mode (3GPP TS 25.304 version 17.0.0 Release 17)
198	ETSI TS 125 305 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Stage 2 functional specification of User Equipment (UE) positioning in UTRAN (3GPP TS 25.305 version 17.0.0 Release 17)
199	ETSI TS 125 306 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); UE Radio Access capabilities (3GPP TS 25.306 version 17.0.0 Release 17)
200	ETSI TS 125 307 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 25.307 version 17.0.0 Release 17)
201	ETSI TS 125 308 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); High Speed Downlink Packet Access (HSDPA); Overall description
202	ETSI TS 125 319 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Enhanced uplink; Overall description; Stage 2 (3GPP TS 25.319 version 17.0.0 Release 17)
203	ETSI TS 125 321 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Medium Access Control (MAC) protocol specification (3GPP TS 25.321 version 17.0.0 Release 17)
204	ETSI TS 125 322 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Radio Link Control (RLC) protocol specification (3GPP TS 25.322 version 17.0.0 Release 17)
205	ETSI TS 125 323 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Packet Data Convergence Protocol (PDCP) specification (3GPP TS 25.323 version 17.0.0 Release 17)
206	ETSI TS 125 324 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Broadcast/Multicast Control (BMC) (3GPP TS 25.324 version 17.0.0 Release 17)
207	ETSI TS 125 327 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); High Speed Packet Access (HSPA); Requirements on User Equipments (UEs) supporting a release-independent frequency band and multi-carrier configuration (3GPP TS 25.327 version 17.0.0 Release 17)
208	ETSI TS 125 346 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Introduction of the Multimedia Broadcast/Multicast Service (MBMS) in the Radio Access Network (RAN); Stage 2 (3GPP TS 25.346 version 17.0.0 Release 17)
209	ETSI TS 125 367 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Mobility procedures for Home Node B (HNB); Overall description; Stage 2 (3GPP TS 25.367 version 17.0.0 Release 17)
210	ETSI TR 125 903 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Continuous connectivity for packet data users (3GPP TR 25.903 version 17.0.0 Release 17)

211	ETSI TR 125 912 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Feasibility study for evolved Universal Terrestrial Radio Access (UTRA) and Universal Terrestrial Radio Access Network (UTRAN) (3GPP TR 25.912 version 17.0.0 Release 17)
212	ETSI TR 125 929 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Continuous connectivity for packet data users; 1.28 Mcps TDD (3GPP TR 25.929 version 17.0.0 Release 17)
213	ETSI TR 125 992 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Multimedia Broadcast/Multicast Service (MBMS); UTRAN/GERAN requirements (3GPP TR 25.992 version 17.0.0 Release 17)
214	ETSI TR 125 993 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Typical examples of Radio Access Bearers (RABs) and Radio Bearers (RBs) supported by Universal Terrestrial Radio Access (UTRA) (3GPP TR 25.993 version 17.0.0 Release 17)
215	ETSI TR 125 996 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Spatial channel model for Multiple Input Multiple Output (MIMO) simulations (3GPP TR 25.996 version 17.0.0 Release 17)
216	ETSI TS 126 441 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Codec for Enhanced Voice Services (EVS); General overview (3GPP TS 26.441 version 17.0.0 Release 17)
217	ETSI TS 126 442 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Codec for Enhanced Voice Services (EVS); ANSI C code (fixed-point) (3GPP TS 26.442 version 17.0.0 Release 17)
218	ETSI TS 126 443 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); ANSI C code (floating-point) (3GPP TS 26.443 version 17.0.0 Release 17)
219	ETSI TS 126 444 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Test sequences (3GPP TS 26.444 version 17.0.0 Release 17)
220	ETSI TS 126 446 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Adaptive Multi-Rate - Wideband (AMR-WB) backward compatible functions (3GPP TS 26.446 version 17.0.0 Release 17)
221	ETSI TS 126 447 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Error concealment of lost packets (3GPP TS 26.447 version 17.0.0 Release 17)
222	ETSI TS 126 448 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Jitter Buffer Management (3GPP TS 26.448 version 17.0.0 Release 17)
223	ETSI TS 126 449 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Comfort Noise Generation (CNG) aspects (3GPP TS 26.449 version 17.0.0 Release 17)
224	ETSI TS 126 450 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Discontinuous Transmission (DTX) (3GPP TS 26.450 version 17.0.0 Release 17)
225	ETSI TS 126 451 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Codec for Enhanced Voice Services (EVS); Voice Activity Detection (VAD) (3GPP TS 26.451 version 17.0.0 Release 17)
226	ETSI TS 126 452 V17.0.0 (2022-05)	5G; Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); ANSI C code; Alternative fixed-point using updated basic operators (3GPP TS 26.452 version 17.0.0 Release 17)
227	ETSI TS 126 453 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Speech codec frame structure (3GPP TS 26.453 version 17.0.0 Release 17)
228	ETSI TS 126 454 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Interface to Iu, Uu, Nb and Mb (3GPP TS 26.454 version 17.0.0 Release 17)

229	ETSI TS 126 501 V16.10.0 (2022-05)	5G; 5G Media Streaming (5GMS); General description and architecture (3GPP TS 26.501 version 16.10.0 Release 16)
230	ETSI TR 126 902 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Video codec performance (3GPP TR 26.902 version 17.0.0 Release 17)
231	ETSI TR 126 903 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Improved video support for Packet Switched Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) Services (3GPP TR 26.903 version 17.0.0 Release 17)
232	ETSI TR 126 904 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Improved video coding support (3GPP TR 26.904 version 17.0.0 Release 17)
233	ETSI TR 126 905 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Mobile stereoscopic 3D video (3GPP TR 26.905 version 17.0.0 Release 17)
234	ETSI TR 126 906 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Evaluation of High Efficiency Video Coding (HEVC) for 3GPP services (3GPP TR 26.906 version 17.0.0 Release 17)
235	ETSI TR 126 907 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; HTML5 for a new presentation layer in 3GPP services (3GPP TR 26.907 version 17.0.0 Release 17)
236	ETSI TR 126 909 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Study on improved streaming Quality of Experience (QoE) reporting in 3GPP services and networks (3GPP TR 26.909 version 17.0.0 Release 17)
237	ETSI TR 126 910 V17.0.0 (2022-05)	LTE; 5G; Study on media handling aspects of Radio Access Network (RAN) delay budget reporting in Multimedia Telephony Service for Internet Protocol (IP) Multimedia Subsystem (IMS) (MTSI) (3GPP TR 26.910 version 17.0.0 Release 17)
238	ETSI TR 126 911 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Codec(s) for Circuit-Switched (CS) multimedia telephony service; Terminal implementor's guide (3GPP TR 26.911 version 17.0.0 Release 17)
239	ETSI TR 126 914 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Multimedia telephony over IP Multimedia Subsystem (IMS); Optimization opportunities (3GPP TR 26.914 version 17.0.0 Release 17)
240	ETSI TR 126 917 V17.0.0 (2022-05)	LTE; 5G; Multimedia Broadcast Multicast Services (MBMS) and Packet-switched Streaming Service (PSS) enhancements to support television services (3GPP TR 26.917 version 17.0.0 Release 17)
241	ETSI TR 126 918 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Virtual Reality (VR) media services over 3GPP (3GPP TR 26.918 version 17.0.0 Release 17)
242	ETSI TR 126 919 V17.0.0 (2022-05)	5G; Study on media handling aspects of conversational services in 5G systems (3GPP TR 26.919 version 17.0.0 Release 17)
243	ETSI TR 126 921 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Investigations on ambient noise reproduction systems for acoustic testing of terminals (3GPP TR 26.921 version 17.0.0 Release 17)
244	ETSI TR 126 922 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Video telephony robustness improvements extensions; Performance evaluation (3GPP TR 26.922 version 17.0.0 Release 17)
245	ETSI TR 126 923 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Study on media handling aspects of IP Multimedia Subsystem (IMS) based telepresence (3GPP TR 26.923 version 17.0.0 Release 17)
246	ETSI TR 126 924 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Multimedia telephony over IP Multimedia Subsystem (IMS); Study on improved end-to-end Quality of Service (QoS) handling for Multimedia Telephony Service for IMS (MTSI) (3GPP TR 26.924 version 17.0.0 Release 17)
247	ETSI TR 126 928 V17.0.0 (2022-05)	5G; Extended Reality (XR) in 5G (3GPP TR 26.928 version 17.0.0 Release 17)

248	ETSI TR 126 929 V17.0.0 (2022-05)	5G; QoE parameters and metrics relevant to the Virtual Reality (VR) user experience (3GPP TR 26.929 version 17.0.0 Release 17)
249	ETSI TR 126 931 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Evaluation of Additional Acoustic Tests for Speech Telephony (3GPP TR 26.931 version 17.0.0 Release 17)
250	ETSI TR 126 935 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Packet Switched (PS) conversational multimedia applications; Performance characterisation of default codecs (3GPP TR 26.935 version 17.0.0 Release 17)
251	ETSI TR 126 936 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Performance characterization of 3GPP audio codecs (3GPP TR 26.936 version 17.0.0 Release 17)
252	ETSI TR 126 937 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Transparent end-to-end Packet-switched Streaming Service (PSS); Real-time Transport Protocol (RTP) usage model (3GPP TR 26.937 version 17.0.0 Release 17)
253	ETSI TR 126 938 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Packet-switched Streaming Service (PSS); Improved support for dynamic adaptive streaming over HTTP in 3GPP (3GPP TR 26.938 version 17.0.0 Release 17)
254	ETSI TR 126 943 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Recognition performance evaluations of codecs for Speech Enabled Services (SES) (3GPP TR 26.943 version 17.0.0 Release 17)
255	ETSI TS 136 101 V14.22.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 14.22.0 Release 14)
256	ETSI TS 136 101 V15.18.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 15.18.0 Release 15)
257	ETSI TS 136 101 V17.5.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 17.5.0 Release 17)
258	ETSI TS 138 455 V17.0.0 (2022-05)	5G; NG-RAN; NR Positioning Protocol A (NRPPa) (3GPP TS 38.455 version 17.0.0 Release 17)
259	ETSI TS 138 460 V16.5.0 (2022-05)	5G; NG-RAN; E1 general aspects and principles (3GPP TS 38.460 version 16.5.0 Release 16)
260	ETSI TS 138 460 V17.0.0 (2022-05)	5G; NG-RAN; E1 general aspects and principles (3GPP TS 38.460 version 17.0.0 Release 17)
261	ETSI TS 138 461 V17.0.0 (2022-05)	5G; NG-RAN; E1 layer 1 (3GPP TS 38.461 version 17.0.0 Release 17)
262	ETSI TS 138 462 V17.0.0 (2022-05)	5G; NG-RAN; E1 signalling transport (3GPP TS 38.462 version 17.0.0 Release 17)
263	ETSI TS 138 463 V15.10.0 (2022-05)	5G; NG-RAN; E1 Application Protocol (E1AP) (3GPP TS 38.463 version 15.10.0 Release 15)
264	ETSI TS 138 463 V16.9.0 (2022-05)	5G; NG-RAN; E1 Application Protocol (E1AP) (3GPP TS 38.463 version 16.9.0 Release 16)
265	ETSI TS 138 463 V17.0.0 (2022-05)	5G; NG-RAN; E1 Application Protocol (E1AP) (3GPP TS 38.463 version 17.0.0 Release 17)
266	ETSI TS 138 470 V16.6.0 (2022-05)	5G; NG-RAN; F1 general aspects and principles (3GPP TS 38.470 version 16.6.0 Release 16)
267	ETSI TS 138 470 V17.0.0 (2022-05)	5G; NG-RAN; F1 general aspects and principles (3GPP TS 38.470 version 17.0.0 Release 17)
268	ETSI TS 138 473 V16.9.0 (2022-05)	5G; NG-RAN; F1 Application Protocol (F1AP) (3GPP TS 38.473 version 16.9.0 Release 16)
269	ETSI TS 138 473 V17.0.0 (2022-05)	5G; NG-RAN; F1 Application Protocol (F1AP) (3GPP TS 38.473 version 17.0.0 Release 17)
270	ETSI TS 138 508-2 V17.4.0 (2022-05)	5G; LTE; 5GS; User Equipment (UE) conformance specification; Part 2: Common Implementation Conformance Statement (ICS) proforma (3GPP TS 38.508-2 version 17.4.0 Release 17)
271	ETSI TS 138 509 V15.12.0 (2022-05)	5G; LTE; 5GS; Special conformance testing functions for User Equipment (UE) (3GPP TS 38.509 version 15.12.0 Release 15)
272	ETSI TS 138 509 V16.4.0 (2022-05)	5G; LTE; 5GS; Special conformance testing functions for User Equipment (UE) (3GPP TS 38.509 version 16.4.0 Release 16)

273	ETSI TS 138 509 V17.0.0 (2022-05)	5G; LTE; 5GS; Special conformance testing functions for User Equipment (UE) (3GPP TS 38.509 version 17.0.0 Release 17)
274	ETSI TS 138 522 V17.4.0 (2022-05)	5G; NR; User Equipment (UE) conformance specification; Applicability of radio transmission, radio reception and radio resource management test cases (3GPP TS 38.522 version 17.4.0 Release 17)
275	ETSI TS 138 523-2 V16.11.0 (2022-05)	5G; LTE; 5GS; User Equipment (UE) conformance specification; Part 2: Applicability of protocol test cases (3GPP TS 38.523-2 version 16.11.0 Release 16)
276	ETSI TS 138 523-3 V17.2.0 (2022-05)	5G; LTE; 5GS; User Equipment (UE) conformance specification; Part 3: Protocol Test Suites (3GPP TS 38.523-3 version 17.2.0 Release 17)
277	ETSI TR 138 903 V16.11.0 (2022-05)	5G; NR; Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 16.11.0 Release 16)
278	ETSI TR 138 905 V17.4.0 (2022-05)	5G; NR; Derivation of test points for radio transmission and reception User Equipment (UE) conformance test cases (3GPP TR 38.905 version 17.4.0 Release 17)
279	ETSI TR 138 912 V17.0.0 (2022-05)	5G; Study on New Radio (NR) access technology (3GPP TR 38.912 version 17.0.0 Release 17)
280	ETSI TR 138 913 V17.0.0 (2022-05)	5G; Study on scenarios and requirements for next generation access technologies (3GPP TR 38.913 version 17.0.0 Release 17)
281	ETSI TS 143 013 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Discontinuous Reception (DRX) in the GSM system (3GPP TS 43.013 version 17.0.0 Release 17)
282	ETSI TS 143 022 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Functions related to Mobile Station (MS) in idle mode and group receive mode (3GPP TS 43.022 version 17.0.0 Release 17)
283	ETSI TR 143 026 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Multiband operation of GSM / DCS 1800 by a single operator (3GPP TR 43.026 version 17.0.0 Release 17)
284	ETSI TR 143 030 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Radio network planning aspects (3GPP TR 43.030 version 17.0.0 Release 17)
285	ETSI TS 143 050 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Transmission planning aspects of the speech service in the GSM Public Land Mobile Network (PLMN) system (3GPP TS 43.050 version 17.0.0 Release 17)
286	ETSI TS 143 051 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); GSM/EDGE Overall description; Stage 2 (3GPP TS 43.051 version 17.0.0 Release 17)
287	ETSI TS 143 052 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); GSM Cordless Telephony System (CTS), Phase 1; Lower Layers of the CTS Radio Interface, Stage 2 (3GPP TS 43.052 version 17.0.0 Release 17)
288	ETSI TS 143 055 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Dual Transfer Mode (DTM); Stage 2 (3GPP TS 43.055 version 17.0.0 Release 17)
289	ETSI TR 143 058 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Characterisation, test methods and quality assessment for handsfree Mobile Stations (MSs) (3GPP TR 43.058 version 17.0.0 Release 17)
290	ETSI TS 143 059 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Functional stage 2 description of Location Services (LCS) in GERAN (3GPP TS 43.059 version 17.0.0 Release 17)
291	ETSI TS 143 064 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); General Packet Radio Service (GPRS); Overall description of the GPRS radio interface; Stage 2 (3GPP TS 43.064 version 17.0.0 Release 17)
292	ETSI TS 143 129 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Packet-switched handover for GERAN A/Gb mode; Stage 2 (3GPP TS 43.129 version 17.0.0 Release 17)
293	ETSI TS 143 130 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); GSM/EDGE Iur-g interface; Stage 2 (3GPP TS 43.130 version 17.0.0 Release 17)

294	ETSI TS 143 246 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Multimedia Broadcast/Multicast Service (MBMS) in the GERAN; Stage 2 (3GPP TS 43.246 version 17.0.0 Release 17)
295	ETSI TS 143 318 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Generic Access Network (GAN); Stage 2 (3GPP TS 43.318 version 17.0.0 Release 17)
296	ETSI TR 143 901 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Feasibility Study on generic access to A/Gb interface (3GPP TR 43.901 version 17.0.0 Release 17)
297	ETSI TR 143 902 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Enhanced Generic Access Networks (EGAN) study (3GPP TR 43.902 version 17.0.0 Release 17)
298	ETSI TR 143 903 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); A-interface over IP study (AINTIP) (3GPP TR 43.903 version 17.0.0 Release 17)
299	ETSI TS 144 003 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Mobile Station - Base Station System (MS - BSS) Interface Channel Structures and Access Capabilities (3GPP TS 44.003 version 17.0.0 Release 17)
300	ETSI TS 144 004 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); GSM/EDGE Layer 1; General Requirements (3GPP TS 44.004 version 17.0.0 Release 17)
301	ETSI TS 144 005 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); GSM/EDGE Data Link (DL) Layer; General aspects (3GPP TS 44.005 version 17.0.0 Release 17)
302	ETSI TS 144 006 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Mobile Station - Base Station System (MS - BSS) interface; Data Link (DL) layer specification (3GPP TS 44.006 version 17.0.0 Release 17)
303	ETSI TS 144 012 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Short Message Service Cell Broadcast (SMS-SCB) support on the mobile radio interface (3GPP TS 44.012 version 17.0.0 Release 17)
304	ETSI TS 144 014 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Individual equipment type requirements and interworking; Special GSM/EDGE conformance testing functions (3GPP TS 44.014 version 17.0.0 Release 17)
305	ETSI TS 144 018 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Mobile radio interface layer 3 specification; GSM/EDGE Radio Resource Control (RRC) protocol (3GPP TS 44.018 version 17.0.0 Release 17)
306	ETSI TS 144 031 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Location Services (LCS); Mobile Station (MS) - Serving Mobile Location Centre (SMLC) Radio Resource LCS Protocol (RRLP) (3GPP TS 44.031 version 17.0.0 Release 17)
307	ETSI TS 144 035 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); GSM/EDGE Location Services (LCS); Broadcast network assistance for Enhanced Observed Time Difference (E-OTD) and Global Positioning System (GPS) positioning methods (3GPP TS 44.035 version 17.0.0 Release 17)
308	ETSI TS 144 060 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); General Packet Radio Service (GPRS); Mobile Station (MS) - Base Station System (BSS) interface; Radio Link Control / Medium Access Control (RLC/MAC) protocol (3GPP TS 44.060 version 17.0.0 Release 17)
309	ETSI TS 144 071 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); GSM/EDGE Location Services (LCS); Mobile radio interface layer 3 LCS specification (3GPP TS 44.071 version 17.0.0 Release 17)
310	ETSI TR 144 901 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); GSM/EDGE External Network Assisted Cell Change (NACC) (3GPP TR 44.901 version 17.0.0 Release 17)
311	ETSI TS 145 001 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); GSM/EDGE Physical layer on the radio path; General description (3GPP TS 45.001 version 17.0.0 Release 17)
312	ETSI TS 145 002 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); GSM/EDGE Multiplexing and multiple access on the radio path (3GPP TS 45.002 version 17.0.0 Release 17)

313	ETSI TS 145 003 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); GSM/EDGE Channel coding (3GPP TS 45.003 version 17.0.0 Release 17)
314	ETSI TS 145 004 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); GSM/EDGE Modulation (3GPP TS 45.004 version 17.0.0 Release 17)
315	ETSI TS 145 005 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); GSM/EDGE Radio transmission and reception (3GPP TS 45.005 version 17.0.0 Release 17)
316	ETSI TS 145 008 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); GSM/EDGE Radio subsystem link control (3GPP TS 45.008 version 17.0.0 Release 17)
317	ETSI TS 145 009 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); GSM/EDGE Link adaptation (3GPP TS 45.009 version 17.0.0 Release 17)
318	ETSI TS 145 010 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); GSM/EDGE Radio subsystem synchronization (3GPP TS 45.010 version 17.0.0 Release 17)
319	ETSI TS 145 015 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); GSM/EDGE Release independent Downlink Advanced Receiver Performance (DARP); Implementation guidelines (3GPP TS 45.015 version 17.0.0 Release 17)
320	ETSI TS 145 022 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); GSM/EDGE Radio link management in hierarchical networks (3GPP TS 45.022 version 17.0.0 Release 17)
321	ETSI TR 145 050 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); GSM/EDGE Background for Radio Frequency (RF) requirements (3GPP TR 45.050 version 17.0.0 Release 17)
322	ETSI TS 145 056 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); GSM Cordless Telephony System (CTS), Phase 1; CTS-FP Radio subsystem (3GPP TS 45.056 version 17.0.0 Release 17)
323	ETSI TR 145 902 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); GSM/EDGE Flexible Layer One (FLO) (3GPP TR 45.902 version 17.0.0 Release 17)
324	ETSI TR 145 903 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Feasibility study on Single Antenna Interference Cancellation (SAIC) for GSM networks (3GPP TR 45.903 version 17.0.0 Release 17)
325	ETSI TR 145 913 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Optimized transmit pulse shape for downlink Enhanced General Packet Radio Service (EGPRS2-B) (3GPP TR 45.913 version 17.0.0 Release 17)
326	ETSI TR 145 914 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Circuit switched voice capacity evolution for GSM/EDGE Radio Access Network (GERAN) (3GPP TR 45.914 version 17.0.0 Release 17)
327	ETSI TR 145 926 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Solutions for GSM/EDGE Base Transceiver Station (BTS) energy saving (3GPP TR 45.926 version 17.0.0 Release 17)
328	ETSI TS 146 001 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Full rate speech; Processing functions (3GPP TS 46.001 version 17.0.0 Release 17)
329	ETSI TS 146 002 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Half rate speech; Half rate speech processing functions (3GPP TS 46.002 version 17.0.0 Release 17)
330	ETSI TS 146 006 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Half rate speech; ANSI-C code for the GSM half rate speech codec (3GPP TS 46.006 version 17.0.0 Release 17)
331	ETSI TS 146 007 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Half rate speech; Test sequences for the GSM half rate speech codec (3GPP TS 46.007 version 17.0.0 Release 17)
332	ETSI TS 146 010 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Full rate speech; Transcoding (3GPP TS 46.010 version 17.0.0 Release 17)
333	ETSI TS 146 011 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Full rate speech; Substitution and muting of lost frames for full rate speech channels (3GPP TS 46.011 version 17.0.0 Release 17)

334	ETSI TS 146 012 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Full rate speech; Comfort noise aspect for full rate speech traffic channels (3GPP TS 46.012 version 17.0.0 Release 17)
335	ETSI TS 146 020 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Half rate speech; Half rate speech transcoding (3GPP TS 46.020 version 17.0.0 Release 17)
336	ETSI TS 146 021 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Half rate speech; Substitution and muting of lost frames for half rate speech traffic channels (3GPP TS 46.021 version 17.0.0 Release 17)
337	ETSI TS 146 022 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Half rate speech; Comfort noise aspects for the half rate speech traffic channels (3GPP TS 46.022 version 17.0.0 Release 17)
338	ETSI TS 146 031 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Full rate speech; Discontinuous Transmission (DTX) for full rate speech traffic channels (3GPP TS 46.031 version 17.0.0 Release 17)
339	ETSI TS 146 032 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Full rate speech; Voice Activity Detector (VAD) for full rate speech traffic channels (3GPP TS 46.032 version 17.0.0 Release 17)
340	ETSI TS 146 041 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Half rate speech; Discontinuous Transmission (DTX) for half rate speech traffic channels (3GPP TS 46.041 version 17.0.0 Release 17)
341	ETSI TS 146 042 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Half rate speech; Voice Activity Detector (VAD) for half rate speech traffic channels (3GPP TS 46.042 version 17.0.0 Release 17)
342	ETSI TS 146 051 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Enhanced Full Rate (EFR) speech processing functions; General description (3GPP TS 46.051 version 17.0.0 Release 17)
343	ETSI TS 146 053 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); ANSI-C code for the GSM Enhanced Full Rate (EFR) speech codec (3GPP TS 46.053 version 17.0.0 Release 17)
344	ETSI TS 146 054 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Test sequences for the GSM Enhanced Full Rate (EFR) speech codec (3GPP TS 46.054 version 17.0.0 Release 17)
345	ETSI TR 146 055 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Performance characterization of the GSM Enhanced Full Rate (EFR) speech codec (3GPP TR 46.055 version 17.0.0 Release 17)
346	ETSI TS 146 060 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Enhanced Full Rate (EFR) speech transcoding (3GPP TS 46.060 version 17.0.0 Release 17)
347	ETSI TS 146 061 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Substitution and muting of lost frames for Enhanced Full Rate (EFR) speech traffic channels (3GPP TS 46.061 version 17.0.0 Release 17)
348	ETSI TS 146 062 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Comfort noise aspects for Enhanced Full Rate (EFR) speech traffic channels (3GPP TS 46.062 version 17.0.0 Release 17)
349	ETSI TR 146 076 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Adaptive Multi-Rate (AMR) speech codec; Study phase report (3GPP TR 46.076 version 17.0.0 Release 17)
350	ETSI TS 146 081 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Discontinuous Transmission (DTX) for Enhanced Full Rate (EFR) speech traffic channels (3GPP TS 46.081 version 17.0.0 Release 17)
351	ETSI TS 146 082 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Voice Activity Detector (VAD) for Enhanced Full Rate (EFR) speech traffic channels (3GPP TS 46.082 version 17.0.0 Release 17)

352	ETSI TR 146 085 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Subjective tests on the interoperability of the Half Rate / Full Rate / Enhanced Full Rate (HR/FR/EFR) speech codecs, single, tandem and tandem free operation (3GPP TR 46.085 version 17.0.0 Release 17)
353	ETSI TS 148 001 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; General aspects (3GPP TS 48.001 version 17.0.0 Release 17)
354	ETSI TS 148 002 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; Interface principles (3GPP TS 48.002 version 17.0.0 Release 17)
355	ETSI TS 148 004 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Base Station System - Mobile-services Switching Centre (BSS - MSC) interface; Layer 1 specification (3GPP TS 48.004 version 17.0.0 Release 17)
356	ETSI TS 148 006 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Signalling transport mechanism Specification for the Base Station System - Mobile Services Switching Centre (BSS - MSC) interface (3GPP TS 48.006 version 17.0.0 Release 17)
357	ETSI TS 148 008 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Mobile Switching Centre - Base Station system (MSC-BSS) interface; Layer 3 specification (3GPP TS 48.008 version 17.0.0 Release 17)
358	ETSI TS 148 014 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Gb interface Layer 1 (3GPP TS 48.014 version 17.0.0 Release 17)
359	ETSI TS 148 016 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN) interface; Network service (3GPP TS 48.016 version 17.0.0 Release 17)
360	ETSI TS 148 018 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); General Packet Radio Service (GPRS); Base Station System (BSS) - Serving GPRS Support Node (SGSN); BSS GPRS protocol (BSSGP) (3GPP TS 48.018 version 17.0.0 Release 17)
361	ETSI TS 148 031 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Location Services (LCS); Serving Mobile Location Centre - Serving Mobile Location Centre (SMLC - SMLC); SMLCPP specification (3GPP TS 48.031 version 17.0.0 Release 17)
362	ETSI TS 148 049 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Base Station Controller - Cell Broadcast Centre (BSC-CBC) interface specification; Cell Broadcast Service Protocol (CBSP) (3GPP TS 48.049 version 17.0.0 Release 17)
363	ETSI TS 148 051 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Base Station Controller - Base Transceiver Station (BSC - BTS) interface; General aspects (3GPP TS 48.051 version 17.0.0 Release 17)
364	ETSI TS 148 052 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Interface principles (3GPP TS 48.052 version 17.0.0 Release 17)
365	ETSI TS 148 054 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 1 structure of physical circuits (3GPP TS 48.054 version 17.0.0 Release 17)
366	ETSI TS 148 056 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Base Station Controller - Base Transceiver Station (BSC - BTS) interface; Layer 2 specification (3GPP TS 48.056 version 17.0.0 Release 17)
367	ETSI TS 148 058 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Base Station Controller - Base Transceiver Station (BSC - BTS) Interface; Layer 3 specification (3GPP TS 48.058 version 17.0.0 Release 17)

368	ETSI TS 148 060 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); In-band control of remote transcoders and rate adaptors for full rate traffic channels (3GPP TS 48.060 version 17.0.0 Release 17)
369	ETSI TS 148 061 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); In-band control of remote transcoders and rate adaptors for half rate traffic channels (3GPP TS 48.061 version 17.0.0 Release 17)
370	ETSI TS 148 071 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Location Services (LCS); Serving Mobile Location Centre - Base Station System (SMLC-BSS) interface; Layer 3 specification (3GPP TS 48.071 version 17.0.0 Release 17)
371	ETSI TS 148 103 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Base Station System - Media GateWay (BSS-MGW) interface; User plane transport mechanism (3GPP TS 48.103 version 17.0.0 Release 17)
372	ETSI TS 149 031 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Location Services (LCS); Base Station System Application Part LCS Extension (BSSAP-LE) (3GPP TS 49.031 version 17.0.0 Release 17)
373	ETSI TR 149 995 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); General Packet Radio Service (GPRS); Interworking between modified Public Land Mobile Network (PLMN) supporting GPRS and legacy GPRS mobiles (3GPP TR 49.995 version 17.0.0 Release 17)
374	ETSI TS 151 010-2 V13.13.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Mobile Station (MS) conformance specification; Part 2: Protocol Implementation Conformance Statement (PICS) proforma specification (3GPP TS 51.010-2 version 13.13.0 Release 13)
375	ETSI TS 151 021 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Base Station System (BSS) equipment specification; Radio aspects (3GPP TS 51.021 version 17.0.0 Release 17)
376	ETSI TS 151 026 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Base Station System (BSS) equipment specification; Part 4: Repeaters (3GPP TS 51.026 version 17.0.0 Release 17)
377	ETSI TS 152 008 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Telecommunication management; GSM subscriber and equipment trace (3GPP TS 52.008 version 17.0.0 Release 17)
378	ETSI TS 152 021 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Network Management (NM) procedures and messages on the A-bis interface (3GPP TS 52.021 version 17.0.0 Release 17)
379	ETSI TS 152 402 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Telecommunication management; Performance Management (PM); Performance measurements - GSM (3GPP TS 52.402 version 17.0.0 Release 17)
380	ETSI EN 319 532-4 V1.2.1 (2022-05)	Electronic Signatures and Infrastructures (ESI); Registered Electronic Mail (REM) Services; Part 4: Interoperability profiles
381	ETSI ES 202 396-1 V1.8.1 (2022-05)	Speech and multimedia Transmission Quality (STQ); Speech quality performance in the presence of background noise; Part 1: Background noise simulation technique and background noise database
382	ETSI ES 202 738 V1.8.2 (2022-05)	Speech and multimedia Transmission Quality (STQ); Transmission requirements for narrowband VoIP loudspeaking and handsfree terminals from a QoS perspective as perceived by the user
383	ETSI ES 202 740 V1.8.2 (2022-05)	Speech and multimedia Transmission Quality (STQ); Transmission requirements for wideband VoIP loudspeaking and handsfree terminals from a QoS perspective as perceived by the user
384	ETSI TS 102 241 V17.2.0 (2022-05)	Smart Cards; UICC Application Programming Interface (UICC API) for Java Card (TM) (Release 17)
385	ETSI TS 102 818 V3.4.1 (2022-05)	Hybrid Digital Radio (DAB, DRM, RadioDNS); XML Specification for Service and Programme Information (SPI)
386	ETSI TR 103 783 V1.1.1 (2022-05)	SmartM2M; SAREF: SDT interoperability and oneM2M base ontology alignment

387	ETSI TS 121 111 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; USIM and IC card requirements (3GPP TS 21.111 version 17.0.0 Release 17)
388	ETSI TR 121 900 V17.1.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Technical Specification Group working methods (3GPP TR 21.900 version 17.1.0 Release 17)
389	ETSI TR 121 905 V17.1.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Vocabulary for 3GPP Specifications (3GPP TR 21.905 version 17.1.0 Release 17)
390	ETSI TS 122 011 V17.5.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Service accessibility (3GPP TS 22.011 version 17.5.0 Release 17)
391	ETSI TS 122 101 V17.4.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Service aspects; Service principles (3GPP TS 22.101 version 17.4.0 Release 17)
392	ETSI TS 122 104 V17.7.0 (2022-05)	5G; Service requirements for cyber-physical control applications in vertical domains (3GPP TS 22.104 version 17.7.0 Release 17)
393	ETSI TS 122 115 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Service aspects; Charging and billing (3GPP TS 22.115 version 17.0.0 Release 17)
394	ETSI TS 122 173 V17.3.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Core Network Subsystem (IMS) Multimedia Telephony Service and supplementary services; Stage 1 (3GPP TS 22.173 version 17.3.0 Release 17)
395	ETSI TS 122 228 V17.1.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Service requirements for the Internet Protocol (IP) multimedia core network subsystem (IMS); Stage 1 (3GPP TS 22.228 version 17.1.0 Release 17)
396	ETSI TS 122 278 V17.2.0 (2022-05)	LTE; Service requirements for the Evolved Packet System (EPS) (3GPP TS 22.278 version 17.2.0 Release 17)
397	ETSI TS 122 280 V17.7.0 (2022-05)	LTE; 5G; Mission Critical Services Common Requirements (MCCoRe); Stage 1 (3GPP TS 22.280 version 17.7.0 Release 17)
398	ETSI TS 122 289 V17.0.0 (2022-05)	LTE; 5G; Mobile communication system for railways (3GPP TS 22.289 version 17.0.0 Release 17)
399	ETSI TS 122 468 V17.0.1 (2022-05)	LTE; 5G; Group Communication System Enablers (GCSE) (3GPP TS 22.468 version 17.0.1 Release 17)
400	ETSI TR 122 953 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Multimedia priority service feasibility study (3GPP TR 22.953 version 17.0.0 Release 17)
401	ETSI TS 123 002 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Network architecture (3GPP TS 23.002 version 17.0.0 Release 17)
402	ETSI TS 123 003 V17.5.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Numbering, addressing and identification (3GPP TS 23.003 version 17.5.0 Release 17)
403	ETSI TS 123 007 V17.4.1 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Restoration procedures (3GPP TS 23.007 version 17.4.1 Release 17)
404	ETSI TS 123 008 V17.1.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Organization of subscriber data (3GPP TS 23.008 version 17.1.0 Release 17)
405	ETSI TS 123 018 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Basic call handling; Technical realization (3GPP TS 23.018 version 17.0.0 Release 17)

406	ETSI TS 123 032 V17.2.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Universal Geographical Area Description (GAD) (3GPP TS 23.032 version 17.2.0 Release 17)
407	ETSI TS 123 040 V17.2.0 (2022-05)	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 17.2.0 Release 17)
408	ETSI TS 123 041 V17.3.0 (2022-05)	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 17.3.0 Release 17)
409	ETSI TS 123 122 V17.6.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Non-Access-Stratum (NAS) functions related to Mobile Station (MS) in idle mode (3GPP TS 23.122 version 17.6.0 Release 17)
410	ETSI TS 123 167 V17.2.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) emergency sessions (3GPP TS 23.167 version 17.2.0 Release 17)
411	ETSI TS 123 180 V17.0.0 (2022-05)	LTE; Mission critical services support in the Isolated Operation for Public Safety (IOPS) mode of operation (3GPP TS 23.180 version 17.0.0 Release 17)
412	ETSI TS 123 203 V17.2.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Policy and charging control architecture (3GPP TS 23.203 version 17.2.0 Release 17)
413	ETSI TS 123 214 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Architecture enhancements for control and user plane separation of EPC nodes (3GPP TS 23.214 version 17.0.0 Release 17)
414	ETSI TS 123 216 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Single Radio Voice Call Continuity (SRVCC); Stage 2 (3GPP TS 23.216 version 17.0.0 Release 17)
415	ETSI TS 123 222 V17.5.0 (2022-05)	LTE; 5G; Common API Framework for 3GPP Northbound APIs (3GPP TS 23.222 version 17.5.0 Release 17)
416	ETSI TS 123 228 V17.3.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS); Stage 2 (3GPP TS 23.228 version 17.3.0 Release 17)
417	ETSI TS 123 247 V17.2.0 (2022-05)	5G; Architectural enhancements for 5G multicast-broadcast services (3GPP TS 23.247 version 17.2.0 Release 17)
418	ETSI TS 123 255 V17.3.0 (2022-05)	LTE; Application layer support for Uncrewed Aerial System (UAS); Functional architecture and information flows; (3GPP TS 23.255 version 17.3.0 Release 17)
419	ETSI TS 123 256 V17.2.0 (2022-05)	5G; Support of Uncrewed Aerial Systems (UAS) connectivity, identification and tracking; Stage 2 (3GPP TS 23.256 version 17.2.0 Release 17)
420	ETSI TS 123 271 V17.0.0 (2022-05)	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 17.0.0 Release 17)
421	ETSI TS 123 272 V17.0.0 (2022-05)	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 17.0.0 Release 17)
422	ETSI TS 123 273 V17.4.0 (2022-05)	5G; 5G System (5GS) Location Services (LCS); Stage 2 (3GPP TS 23.273 version 17.4.0 Release 17)
423	ETSI TS 123 280 V17.9.0 (2022-05)	LTE; Common functional architecture to support mission critical services; Stage 2 (3GPP TS 23.280 version 17.9.0 Release 17)
424	ETSI TS 123 281 V17.6.0 (2022-05)	LTE; Functional architecture and information flows to support Mission Critical Video (MCVideo); Stage 2 (3GPP TS 23.281 version 17.6.0 Release 17)
425	ETSI TS 123 282 V17.9.0 (2022-05)	LTE; Functional architecture and information flows to support Mission Critical Data (MCData); Stage 2 (3GPP TS 23.282 version 17.9.0 Release 17)

426	ETSI TS 123 283 V17.3.0 (2022-05)	LTE; Mission Critical Communication Interworking with Land Mobile Radio Systems (3GPP TS 23.283 version 17.3.0 Release 17)
427	ETSI TS 123 286 V17.3.0 (2022-05)	LTE; Application layer support for Vehicle-to-Everything (V2X) services; Functional architecture and information flows (3GPP TS 23.286 version 17.3.0 Release 17)
428	ETSI TS 123 287 V17.2.0 (2022-05)	5G; Architecture enhancements for 5G System (5GS) to support Vehicle-to-Everything (V2X) services (3GPP TS 23.287 version 17.2.0 Release 17)
429	ETSI TS 123 288 V17.4.0 (2022-05)	5G; Architecture enhancements for 5G System (5GS) to support network data analytics services (3GPP TS 23.288 version 17.4.0 Release 17)
430	ETSI TS 123 289 V17.1.0 (2022-05)	5G; Mission Critical services over 5G System; Stage 2 (3GPP TS 23.289 version 17.1.0 Release 17)
431	ETSI TS 123 303 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Proximity-based services (ProSe); Stage 2 (3GPP TS 23.303 version 17.0.0 Release 17)
432	ETSI TS 123 304 V17.2.1 (2022-05)	5G; Proximity based Services (ProSe) in the 5G System (5GS) (3GPP TS 23.304 version 17.2.1 Release 17)
433	ETSI TS 123 316 V17.2.0 (2022-05)	5G; Wireless and wireline convergence access support for the 5G System (5GS) (3GPP TS 23.316 version 17.2.0 Release 17)
434	ETSI TS 123 333 V17.1.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface: Procedures descriptions (3GPP TS 23.333 version 17.1.0 Release 17)
435	ETSI TS 123 334 V17.1.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) Application Level Gateway (IMS-ALG) - IMS Access Gateway (IMS-AGW) interface: Procedures descriptions (3GPP TS 23.334 version 17.1.0 Release 17)
436	ETSI TS 123 379 V17.9.0 (2022-05)	LTE; Functional architecture and information flows to support Mission Critical Push To Talk (MCPTT); Stage 2 (3GPP TS 23.379 version 17.9.0 Release 17)
437	ETSI TS 123 380 V17.1.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; IMS Restoration Procedures (3GPP TS 23.380 version 17.1.0 Release 17)
438	ETSI TS 123 401 V17.4.0 (2022-05)	LTE; General Packet Radio Service (GPRS) enhancements for Evolved Universal Terrestrial Radio Access Network (E-UTRAN) access (3GPP TS 23.401 version 17.4.0 Release 17)
439	ETSI TS 123 402 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Architecture enhancements for non-3GPP accesses (3GPP TS 23.402 version 17.0.0 Release 17)
440	ETSI TS 123 434 V17.5.0 (2022-05)	5G; Service Enabler Architecture Layer for Verticals (SEAL); Functional architecture and information flows (3GPP TS 23.434 version 17.5.0 Release 17)
441	ETSI TS 123 501 V17.4.0 (2022-05)	5G; System architecture for the 5G System (5GS) (3GPP TS 23.501 version 17.4.0 Release 17)
442	ETSI TS 123 502 V17.4.0 (2022-05)	5G; Procedures for the 5G System (5GS) (3GPP TS 23.502 version 17.4.0 Release 17)
443	ETSI TS 123 503 V17.4.0 (2022-05)	5G; Policy and charging control framework for the 5G System (5GS); Stage 2 (3GPP TS 23.503 version 17.4.0 Release 17)
444	ETSI TS 123 527 V17.3.1 (2022-05)	5G; 5G System; Restoration procedures (3GPP TS 23.527 version 17.3.1 Release 17)
445	ETSI TS 123 548 V17.2.0 (2022-05)	5G; 5G System Enhancements for Edge Computing; Stage 2 (3GPP TS 23.548 version 17.2.0 Release 17)
446	ETSI TS 123 554 V17.2.0 (2022-05)	5G; Application architecture for MSGin5G Service; Stage 2 (3GPP TS 23.554 version 17.2.0 Release 17)
447	ETSI TS 123 558 V17.3.0 (2022-05)	5G; Architecture for enabling Edge Applications (3GPP TS 23.558 version 17.3.0 Release 17)
448	ETSI TS 123 632 V17.1.0 (2022-05)	LTE; 5G; User data interworking, coexistence and migration; Stage 2 (3GPP TS 23.632 version 17.1.0 Release 17)

449	ETSI TS 123 682 V17.2.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Architecture enhancements to facilitate communications with packet data networks and applications (3GPP TS 23.682 version 17.2.0 Release 17)
450	ETSI TS 124 002 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; GSM - UMTS Public Land Mobile Network (PLMN) Access Reference Configuration (3GPP TS 24.002 version 17.0.0 Release 17)
451	ETSI TS 124 007 V17.3.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Mobile radio interface signalling layer 3; General Aspects (3GPP TS 24.007 version 17.3.0 Release 17)
452	ETSI TS 124 008 V17.6.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Mobile radio interface Layer 3 specification; Core network protocols; Stage 3
453	ETSI TS 124 011 V17.1.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Point-to-Point (PP) Short Message Service (SMS) support on mobile radio interface (3GPP TS 24.011 version 17.1.0 Release 17)
454	ETSI TS 124 080 V17.3.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Mobile radio interface layer 3 supplementary services specification; Formats and coding (3GPP TS 24.080 version 17.3.0 Release 17)
455	ETSI TS 124 109 V17.1.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Bootstrapping interface (Ub) and network application function interface (Ua); Protocol details (3GPP TS 24.109 version 17.1.0 Release 17)
456	ETSI TS 124 141 V17.0.0 (2022-05)	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 17.0.0 Release 17)
457	ETSI TS 124 166 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; 3GPP IP Multimedia Subsystem (IMS) conferencing Management Object (MO) (3GPP TS 24.166 version 17.0.0 Release 17)
458	ETSI TS 124 167 V17.2.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; 3GPP IMS Management Object (MO); Stage 3 (3GPP TS 24.167 version 17.2.0 Release 17)
459	ETSI TS 124 173 V17.2.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; IMS Multimedia telephony communication service and supplementary services; Stage 3 (3GPP TS 24.173 version 17.2.0 Release 17)
460	ETSI TS 124 174 V17.5.0 (2022-05)	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 17.5.0 Release 17)
461	ETSI TS 124 175 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Management Object (MO) for multi-device and multi-identity in the IP Multimedia Subsystem (IMS) (3GPP TS 24.175 version 17.0.0 Release 17)
462	ETSI TS 124 182 V17.1.0 (2022-05)	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 17.1.0 Release 17)
463	ETSI TS 124 183 V17.1.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) Customized Ringing Signal (CRS); Protocol specification (3GPP TS 24.183 version 17.1.0 Release 17)
464	ETSI TS 124 193 V17.4.1 (2022-05)	5G; 5G System; Access Traffic Steering, Switching and Splitting (ATSSS); Stage 3 (3GPP TS 24.193 version 17.4.1 Release 17)

465	ETSI TS 124 237 V17.1.1 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia (IM) Core Network (CN) subsystem IP Multimedia Subsystem (IMS) service continuity; Stage 3 (3GPP TS 24.237 version 17.1.1 Release 17)
466	ETSI TS 124 250 V17.0.0 (2022-05)	LTE; Protocol for Reliable Data Service; Stage 3 (3GPP TS 24.250 version 17.0.0 Release 17)
467	ETSI TS 124 257 V17.0.0 (2022-05)	5G; Uncrewed Aerial System (UAS) Application Enabler (UAE) layer; Protocol aspects; Stage 3 (3GPP TS 24.257 version 17.0.0 Release 17)
468	ETSI TS 124 259 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Personal Network Management (PNM); Stage 3 (3GPP TS 24.259 version 17.0.0 Release 17)
469	ETSI TS 124 275 V17.0.0 (2022-05)	LTE; 5G; Management Object (MO) for Basic Communication Part (BCP) of IMS Multimedia Telephony (MMTEL) communication service (3GPP TS 24.275 version 17.0.0 Release 17)
470	ETSI TS 125 331 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Radio Resource Control (RRC); Protocol specification (3GPP TS 25.331 version 17.0.0 Release 17)
471	ETSI TS 126 074 V17.0.1 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Mandatory speech codec speech processing functions; Adaptive Multi-Rate (AMR) speech codec test sequences (3GPP TS 26.074 version 17.0.1 Release 17)
472	ETSI TS 129 332 V17.0.0 (2022-05)	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 17.0.0 Release 17)
473	ETSI TS 129 333 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Multimedia Resource Function Controller (MRFC) - Multimedia Resource Function Processor (MRFP) Mp interface; Stage 3 (3GPP TS 29.333 version 17.0.0 Release 17)
474	ETSI TS 129 334 V17.1.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; IMS Application Level Gateway (IMS-ALG) - IMS Access Gateway (IMS-AGW); Iq Interface; Stage 3 (3GPP TS 29.334 version 17.1.0 Release 17)
475	ETSI TS 129 335 V17.0.0 (2022-05)	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 17.0.0 Release 17)
476	ETSI TS 129 336 V17.3.0 (2022-05)	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 17.3.0 Release 17)
477	ETSI TS 129 338 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Diameter based protocols to support Short Message Service (SMS) capable Mobile Management Entities (MMEs) (3GPP TS 29.338 version 17.0.0 Release 17)
478	ETSI TS 129 379 V17.4.0 (2022-05)	LTE; 5G; Mission Critical Push To Talk (MCPTT) call control interworking with Land Mobile Radio (LMR) systems; Stage-3 (3GPP TS 29.379 version 17.4.0 Release 17)
479	ETSI TS 129 380 V17.0.0 (2022-05)	LTE; 5G; Mission Critical Push To Talk (MCPTT) media plane control interworking with Land Mobile Radio (LMR) systems; Stage 3 (3GPP TS 29.380 version 17.0.0 Release 17)
480	ETSI TS 129 468 V17.1.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Group Communication System Enablers for LTE (GCSE_LTE); MB2 reference point; Stage 3 (3GPP TS 29.468 version 17.1.0 Release 17)
481	ETSI TS 129 486 V17.4.0 (2022-05)	LTE; 5G; V2X Application Enabler (VAE) Services; Stage 3 (3GPP TS 29.486 version 17.4.0 Release 17)
482	ETSI TS 129 500 V17.6.0 (2022-05)	5G; 5G System; Technical Realization of Service Based Architecture; Stage 3 (3GPP TS 29.500 version 17.6.0 Release 17)

483	ETSI TS 129 501 V17.5.0 (2022-05)	5G; 5G System; Principles and Guidelines for Services Definition; Stage 3 (3GPP TS 29.501 version 17.5.0 Release 17)
484	ETSI TS 129 502 V17.4.0 (2022-05)	5G; 5G System; Session Management Services; Stage 3 (3GPP TS 29.502 version 17.4.0 Release 17)
485	ETSI TS 129 503 V17.6.0 (2022-05)	5G; 5G System; Unified Data Management Services; Stage 3 (3GPP TS 29.503 version 17.6.0 Release 17)
486	ETSI TS 129 504 V17.6.0 (2022-05)	5G; 5G System; Unified Data Repository Services; Stage 3 (3GPP TS 29.504 version 17.6.0 Release 17)
487	ETSI TS 129 505 V17.6.0 (2022-05)	5G; 5G System; Usage of the Unified Data Repository services for Subscription Data; Stage 3 (3GPP TS 29.505 version 17.6.0 Release 17)
488	ETSI TS 129 507 V16.11.0 (2022-05)	5G; 5G System; Access and Mobility Policy Control Service; Stage 3 (3GPP TS 29.507 version 16.11.0 Release 16)
489	ETSI TS 129 507 V17.6.0 (2022-05)	5G; 5G System; Access and Mobility Policy Control Service; Stage 3 (3GPP TS 29.507 version 17.6.0 Release 17)
490	ETSI TS 129 508 V17.6.0 (2022-05)	5G; 5G System; Session Management Event Exposure Service; Stage 3 (3GPP TS 29.508 version 17.6.0 Release 17)
491	ETSI TS 129 510 V17.5.0 (2022-05)	5G; 5G System; Network function repository services; Stage 3 (3GPP TS 29.510 version 17.5.0 Release 17)
492	ETSI TS 129 511 V17.2.0 (2022-05)	5G; 5G System; Equipment Identity Register Services; Stage 3 (3GPP TS 29.511 version 17.2.0 Release 17)
493	ETSI TS 129 512 V17.6.0 (2022-05)	5G; 5G System; Session Management Policy Control Service; Stage 3 (3GPP TS 29.512 version 17.6.0 Release 17)
494	ETSI TS 129 513 V17.6.0 (2022-05)	5G; 5G System; Policy and Charging Control signalling flows and QoS parameter mapping; Stage 3 (3GPP TS 29.513 version 17.6.0 Release 17)
495	ETSI TS 129 514 V17.4.0 (2022-05)	5G; 5G System; Policy Authorization Service; Stage 3 (3GPP TS 29.514 version 17.4.0 Release 17)
496	ETSI TS 129 515 V17.4.0 (2022-05)	5G; 5G System; Gateway Mobile Location Services; Stage 3 (3GPP TS 29.515 version 17.4.0 Release 17)
497	ETSI TS 129 517 V17.5.0 (2022-05)	5G; 5G System; Application Function Event Exposure Service; Stage 3 (3GPP TS 29.517 version 17.5.0 Release 17)
498	ETSI TS 129 518 V17.5.0 (2022-05)	5G; 5G System; Access and Mobility Management Services; Stage 3 (3GPP TS 29.518 version 17.5.0 Release 17)
499	ETSI TS 129 519 V17.6.0 (2022-05)	5G; 5G System; Usage of the Unified Data Repository Service for Policy Data, Application Data and Structured Data for Exposure; Stage 3 (3GPP TS 29.519 version 17.6.0 Release 17)
500	ETSI TS 129 520 V17.6.0 (2022-05)	5G; 5G System; Network Data Analytics Services; Stage 3 (3GPP TS 29.520 version 17.6.0 Release 17)
501	ETSI TS 129 521 V17.4.0 (2022-05)	5G; 5G System; Binding Support Management Service; Stage 3 (3GPP TS 29.521 version 17.4.0 Release 17)
502	ETSI TS 129 522 V17.5.0 (2022-05)	5G; 5G System; Network Exposure Function Northbound APIs; Stage 3 (3GPP TS 29.522 version 17.5.0 Release 17)
503	ETSI TS 129 523 V17.6.0 (2022-05)	5G; 5G System; Policy Control Event Exposure Service; Stage 3 (3GPP TS 29.523 version 17.6.0 Release 17)
504	ETSI TS 129 524 V17.3.0 (2022-05)	5G; 5G System; Cause codes mapping between 5GC interfaces; Stage 3 (3GPP TS 29.524 version 17.3.0 Release 17)
505	ETSI TS 129 525 V17.6.0 (2022-05)	5G; 5G System; UE Policy Control Service; Stage 3 (3GPP TS 29.525 version 17.6.0 Release 17)
506	ETSI TS 129 526 V17.4.0 (2022-05)	5G; 5G System; Network Slice-Specific and SNPN Authentication and Authorization services; Stage 3 (3GPP TS 29.526 version 17.4.0 Release 17)
507	ETSI TS 129 531 V17.4.0 (2022-05)	5G; 5G System; Network Slice Selection Services; Stage 3 (3GPP TS 29.531 version 17.4.0 Release 17)
508	ETSI TS 129 532 V17.0.0 (2022-05)	5G; 5G System; 5G Multicast-Broadcast Session Management Services; Stage 3 (3GPP TS 29.532 version 17.0.0 Release 17)
509	ETSI TS 129 534 V17.0.0 (2022-05)	5G; 5G System; Access and Mobility Policy Authorization Service; Stage 3 (3GPP TS 29.534 version 17.0.0 Release 17)
510	ETSI TS 129 535 V17.4.0 (2022-05)	5G; 5G System; AKMA Anchor Services; Stage 3 (3GPP TS 29.535 version 17.4.0 Release 17)

511	ETSI TS 129 536 V17.0.0 (2022-05)	5G; 5G System; Network Slice Admission Control Services; Stage 3 (3GPP TS 29.536 version 17.0.0 Release 17)
512	ETSI TS 129 538 V17.0.0 (2022-05)	5G; Enabling MSGin5G Service; Application Programming Interfaces (API) specification; Stage 3 (3GPP TS 29.538 version 17.0.0 Release 17)
513	ETSI TS 129 540 V17.4.0 (2022-05)	5G; 5G System; SMS Services; Stage 3 (3GPP TS 29.540 version 17.4.0 Release 17)
514	ETSI TS 129 541 V17.2.0 (2022-05)	LTE; 5G; 5G System; Network Exposure (NE) function services for Non-IP Data Delivery (NIDD); Stage 3 (3GPP TS 29.541 version 17.2.0 Release 17)
515	ETSI TS 129 542 V17.3.0 (2022-05)	LTE; 5G; 5G System; Session management services for Non-IP Data Delivery (NIDD); Stage 3 (3GPP TS 29.542 version 17.3.0 Release 17)
516	ETSI TS 129 544 V17.2.0 (2022-05)	5G; 5G System; Secured Packet Application Function (SP-AF) services; Stage 3 (3GPP TS 29.544 version 17.2.0 Release 17)
517	ETSI TS 129 549 V17.4.0 (2022-05)	5G; LTE; Service Enabler Architecture Layer for Verticals (SEAL); Application Programming Interface (API) specification; Stage 3 (3GPP TS 29.549 version 17.4.0 Release 17)
518	ETSI TS 129 550 V17.3.0 (2022-05)	5G; 5G System; Steering of roaming application function services; Stage 3 (3GPP TS 29.550 version 17.3.0 Release 17)
519	ETSI TS 129 551 V17.6.0 (2022-05)	5G; 5G System; Packet Flow Description Management Service; Stage 3 (3GPP TS 29.551 version 17.6.0 Release 17)
520	ETSI TS 129 552 V17.0.0 (2022-05)	5G; 5G System; Network Data Analytics signalling flows; Stage 3 (3GPP TS 29.552 version 17.0.0 Release 17)
521	ETSI TS 129 554 V17.3.0 (2022-05)	5G; 5G System; Background Data Transfer Policy Control Service; Stage 3 (3GPP TS 29.554 version 17.3.0 Release 17)
522	ETSI TS 129 555 V17.0.0 (2022-05)	5G; 5G System; 5G Direct Discovery Name Management Services; Stage 3 (3GPP TS 29.555 version 17.0.0 Release 17)
523	ETSI TS 129 556 V17.0.0 (2022-05)	5G; Edge Application Server Discovery Services; Stage 3 (3GPP TS 29.556 version 17.0.0 Release 17)
524	ETSI TS 129 557 V17.0.0 (2022-05)	5G; 5G System; Application Function ProSe Service; Stage 3 (3GPP TS 29.557 version 17.0.0 Release 17)
525	ETSI TS 129 561 V17.5.0 (2022-05)	5G; 5G System; Interworking between 5G Network and external Data Networks; Stage 3 (3GPP TS 29.561 version 17.5.0 Release 17)
526	ETSI TS 129 562 V17.4.0 (2022-05)	5G; 5G System; Home Subscriber Server (HSS) services; Stage 3 (3GPP TS 29.562 version 17.4.0 Release 17)
527	ETSI TS 129 563 V17.4.0 (2022-05)	5G; 5G System; Home Subscriber Server (HSS) services for interworking with Unified Data Management (UDM); Stage 3 (3GPP TS 29.563 version 17.4.0 Release 17)
528	ETSI TS 129 564 V17.0.0 (2022-05)	5G; 5G System; User Plane Function Services; Stage 3 (3GPP TS 29.564 version 17.0.0 Release 17)
529	ETSI TS 129 571 V17.5.0 (2022-05)	5G; 5G System; Common Data Types for Service Based Interfaces; Stage 3 (3GPP TS 29.571 version 17.5.0 Release 17)
530	ETSI TS 129 572 V17.4.0 (2022-05)	5G; 5G System; Location Management Services; Stage 3 (3GPP TS 29.572 version 17.4.0 Release 17)
531	ETSI TS 129 573 V17.4.0 (2022-05)	5G; 5G System; Public Land Mobile Network (PLMN) Interconnection; Stage 3 (3GPP TS 29.573 version 17.4.0 Release 17)
532	ETSI TS 129 574 V17.0.0 (2022-05)	5G; 5G System; Data Collection Coordination Services; Stage 3 (3GPP TS 29.574 version 17.0.0 Release 17)
533	ETSI TS 129 575 V17.0.0 (2022-05)	5G; 5G System; Analytics Data Repository Services; Stage 3 (3GPP TS 29.575 version 17.0.0 Release 17)
534	ETSI TS 129 576 V17.0.0 (2022-05)	5G; 5G System; Messaging Framework Adaptor Services; Stage 3 (3GPP TS 29.576 version 17.0.0 Release 17)
535	ETSI TS 129 582 V17.3.0 (2022-05)	LTE; 5G; Mission Critical Data (MCData) interworking with Land Mobile Radio (LMR) systems; Stage 3 (3GPP TS 29.582 version 17.3.0 Release 17)
536	ETSI TS 129 591 V17.5.0 (2022-05)	5G; 5G System; Network Exposure Function Southbound Services; Stage 3 (3GPP TS 29.591 version 17.5.0 Release 17)
537	ETSI TS 129 594 V17.3.0 (2022-05)	5G; 5G System; Spending Limit Control Service; Stage 3 (3GPP TS 29.594 version 17.3.0 Release 17)

538	ETSI TS 129 598 V17.5.0 (2022-05)	5G; Unstructured data storage services (3GPP TS 29.598 version 17.5.0 Release 17)
539	ETSI TS 129 641 V17.0.0 (2022-05)	5G; 3GPP Registry for Service Names and Port Numbers (3GPP TS 29.641 version 17.0.0 Release 17)
540	ETSI TS 129 673 V17.3.0 (2022-05)	LTE; 5G; 5G System; UE radio capability management services; Stage 3 (3GPP TS 29.673 version 17.3.0 Release 17)
541	ETSI TS 129 675 V17.5.0 (2022-05)	LTE; 5G; User Equipment (UE) radio capability provisioning service; Stage 3 (3GPP TS 29.675 version 17.5.0 Release 17)
542	ETSI TR 129 941 V17.1.0 (2022-05)	5G; Guidelines on Port Allocation for New 3GPP Interfaces (3GPP TR 29.941 version 17.1.0 Release 17)
543	ETSI TS 131 103 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Characteristics of the IP Multimedia Services Identity Module (ISIM) application (3GPP TS 31.103 version 17.0.0 Release 17)
544	ETSI TS 131 111 V17.3.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Universal Subscriber Identity Module (USIM) Application Toolkit (USAT) (3GPP TS 31.111 version 17.3.0 Release 17)
545	ETSI TS 131 121 V16.7.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 16.7.0 Release 16)
546	ETSI TS 131 124 V16.7.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Mobile Equipment (ME) conformance test specification; Universal Subscriber Identity Module Application Toolkit (USAT) conformance test specification (3GPP TS 31.124 version 16.7.0 Release 16)
547	ETSI TS 132 130 V17.4.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Network sharing; Concepts and requirements (3GPP TS 32.130 version 17.4.0 Release 17)
548	ETSI TS 132 156 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Fixed Mobile Convergence (FMC) model repertoire (3GPP TS 32.156 version 17.0.0 Release 17)
549	ETSI TS 132 160 V17.3.0 (2022-05)	LTE; 5G; Management and orchestration; Management service template (3GPP TS 32.160 version 17.3.0 Release 17)
550	ETSI TS 132 240 V17.5.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Charging architecture and principles (3GPP TS 32.240 version 17.5.0 Release 17)
551	ETSI TS 132 250 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Circuit Switched (CS) domain charging (3GPP TS 32.250 version 17.0.0 Release 17)
552	ETSI TS 132 251 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Packet Switched (PS) domain charging (3GPP TS 32.251 version 17.0.0 Release 17)
553	ETSI TS 132 254 V17.0.0 (2022-05)	LTE; 5G; Telecommunication management; Charging management; Exposure function Northbound Application Program Interfaces (APIs) charging (3GPP TS 32.254 version 17.0.0 Release 17)
554	ETSI TS 132 255 V17.5.0 (2022-05)	5G; Telecommunication management; Charging management; 5G data connectivity domain charging; Stage 2 (3GPP TS 32.255 version 17.5.0 Release 17)
555	ETSI TS 132 260 V17.2.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; IP Multimedia Subsystem (IMS) charging (3GPP TS 32.260 version 17.2.0 Release 17)

556	ETSI TS 132 272 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Push-to-talk over Cellular (PoC) charging (3GPP TS 32.272 version 17.0.0 Release 17)
557	ETSI TS 132 274 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Short Message Service (SMS) charging (3GPP TS 32.274 version 17.0.0 Release 17)
558	ETSI TS 132 275 V17.3.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; MultiMedia Telephony (MMTel) charging (3GPP TS 32.275 version 17.3.0 Release 17)
559	ETSI TS 132 277 V17.1.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Proximity-based Services (ProSe) charging (3GPP TS 32.277 version 17.1.0 Release 17)
560	ETSI TS 132 281 V17.1.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Announcement service (3GPP TS 32.281 version 17.1.0 Release 17)
561	ETSI TS 132 290 V17.4.0 (2022-05)	5G; Telecommunication management; Charging management; 5G system; Services, operations and procedures of charging using Service Based Interface (SBI) (3GPP TS 32.290 version 17.4.0 Release 17)
562	ETSI TS 132 291 V17.2.0 (2022-05)	5G; Telecommunication management; Charging management; 5G system, charging service: Stage 3 (3GPP TS 32.291 version 17.2.0 Release 17)
563	ETSI TS 132 295 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Charging Data Record (CDR) transfer (3GPP TS 32.295 version 17.0.0 Release 17)
564	ETSI TS 132 298 V17.2.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Charging Data Record (CDR) parameter description (3GPP TS 32.298 version 17.2.0 Release 17)
565	ETSI TS 132 299 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Charging management; Diameter charging applications (3GPP TS 32.299 version 17.0.0 Release 17)
566	ETSI TS 132 421 V17.3.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Subscriber and equipment trace; Trace concepts and requirements (3GPP TS 32.421 version 17.3.0 Release 17)
567	ETSI TS 132 422 V17.6.1 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Subscriber and equipment trace; Trace control and configuration management (3GPP TS 32.422 version 17.6.1 Release 17)
568	ETSI TS 132 423 V17.3.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Subscriber and equipment trace; Trace data definition and management (3GPP TS 32.423 version 17.3.0 Release 17)
569	ETSI TS 132 425 V17.1.0 (2022-05)	LTE; Telecommunication management; Performance Management (PM); Performance measurements Evolved Universal Terrestrial Radio Access Network (E-UTRAN) (3GPP TS 32.425 version 17.1.0 Release 17)
570	ETSI TS 133 102 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; 3G security; Security architecture (3GPP TS 33.102 version 17.0.0 Release 17)
571	ETSI TS 133 117 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Catalogue of general security assurance requirements (3GPP TS 33.117 version 17.0.0 Release 17)

572	ETSI TS 133 126 V17.2.0 (2022-05)	LTE; 5G; Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Lawful Interception requirements (3GPP TS 33.126 version 17.2.0 Release 17)
573	ETSI TS 133 127 V17.4.0 (2022-05)	LTE; 5G; Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Lawful Interception (LI) architecture and functions (3GPP TS 33.127 version 17.4.0 Release 17)
574	ETSI TS 133 128 V17.4.0 (2022-05)	LTE; 5G; Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); Security; Protocol and procedures for Lawful Interception (LI); Stage 3(3GPP TS 33.128 version 17.4.0 Release 17)
575	ETSI TS 133 163 V17.0.0 (2022-05)	LTE; 5G; Battery Efficient Security for very low throughput Machine Type Communication (MTC) devices (BEST) (3GPP TS 33.163 version 17.0.0 Release 17)
576	ETSI TS 133 180 V17.6.0 (2022-05)	LTE; Security of the Mission Critical (MC) service (3GPP TS 33.180 version 17.6.0 Release 17)
577	ETSI TS 133 203 V17.1.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 3G security; Access security for IP-based services (3GPP TS 33.203 version 17.1.0 Release 17)
578	ETSI TS 133 210 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Network Domain Security (NDS); IP network layer security (3GPP TS 33.210 version 17.0.0 Release 17)
579	ETSI TS 133 220 V17.2.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Generic Authentication Architecture (GAA); Generic Bootstrapping Architecture (GBA) (3GPP TS 33.220 version 17.2.0 Release 17)
580	ETSI TS 133 222 V17.1.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Generic Authentication Architecture (GAA); Access to network application functions using Hypertext Transfer Protocol over Transport Layer Security (HTTPS) (3GPP TS 33.222 version 17.1.0 Release 17)
581	ETSI TS 133 223 V17.1.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Generic Authentication Architecture (GAA); Generic Bootstrapping Architecture (GBA) Push function (3GPP TS 33.223 version 17.1.0 Release 17)
582	ETSI TS 133 226 V17.1.0 (2022-05)	LTE; 5G; Security assurance for IP Multimedia Subsystem (IMS) (3GPP TS 33.226 version 17.1.0 Release 17)
583	ETSI TS 133 256 V17.0.0 (2022-05)	5G; Security aspects of Uncrewed Aerial Systems (UAS) (3GPP TS 33.256 version 17.0.0 Release 17)
584	ETSI TS 133 303 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Proximity-based Services (ProSe); Security aspects (3GPP TS 33.303 version 17.0.0 Release 17)
585	ETSI TS 133 310 V17.2.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Network Domain Security (NDS); Authentication Framework (AF) (3GPP TS 33.310 version 17.2.0 Release 17)
586	ETSI TS 133 326 V17.0.0 (2022-05)	5G; Security Assurance Specification (SCAS) for the Network Slice-Specific Authentication and Authorization Function (NSSAAF) network product class (3GPP TS 33.326 version 17.0.0 Release 17)
587	ETSI TS 133 328 V17.1.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; IP Multimedia Subsystem (IMS) media plane security (3GPP TS 33.328 version 17.1.0 Release 17)
588	ETSI TS 133 401 V17.1.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 3GPP System Architecture Evolution (SAE); Security architecture (3GPP TS 33.401 version 17.1.0 Release 17)
589	ETSI TS 133 501 V17.5.0 (2022-05)	5G; Security architecture and procedures for 5G System (3GPP TS 33.501 version 17.5.0 Release 17)
590	ETSI TS 133 511 V17.1.0 (2022-05)	5G; Security Assurance Specification (SCAS) for the next generation Node B (gNodeB) network product class (3GPP TS 33.511 version 17.1.0 Release 17)

591	ETSI TS 133 512 V17.3.0 (2022-05)	5G; 5G Security Assurance Specification (SCAS); Access and Mobility management Function (AMF) (3GPP TS 33.512 version 17.3.0 Release 17)
592	ETSI TS 133 513 V17.0.0 (2022-05)	5G; 5G Security Assurance Specification (SCAS); User Plane Function (UPF) (3GPP TS 33.513 version 17.0.0 Release 17)
593	ETSI TS 133 514 V17.0.0 (2022-05)	5G; 5G Security Assurance Specification (SCAS) for the Unified Data Management (UDM) network product class (3GPP TS 33.514 version 17.0.0 Release 17)
594	ETSI TS 133 517 V17.0.0 (2022-05)	5G; 5G Security Assurance Specification (SCAS) for the Security Edge Protection Proxy (SEPP) network product class (3GPP TS 33.517 version 17.0.0 Release 17)
595	ETSI TS 133 521 V17.1.0 (2022-05)	5G; 5G Security Assurance Specification (SCAS); Network Data Analytics Function (NWDAF) (3GPP TS 33.521 version 17.1.0 Release 17)
596	ETSI TS 133 522 V17.1.0 (2022-05)	5G; 5G Security Assurance Specification (SCAS); Service Communication Proxy (SCP) (3GPP TS 33.522 version 17.1.0 Release 17)
597	ETSI TS 133 535 V17.5.0 (2022-05)	5G; Authentication and Key Management for Applications (AKMA) based on 3GPP credentials in the 5G System (5GS) (3GPP TS 33.535 version 17.5.0 Release 17)
598	ETSI TS 133 558 V17.0.0 (2022-05)	5G; Security aspects of enhancement of support for enabling edge applications (3GPP TS 33.558 version 17.0.0 Release 17)
599	ETSI TR 133 926 V17.3.0 (2022-05)	LTE; 5G; Security Assurance Specification (SCAS) threats and critical assets in 3GPP network product classes (3GPP TR 33.926 version 17.3.0 Release 17)
600	ETSI TS 134 109 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); Terminal logical test interface; Special conformance testing functions (3GPP TS 34.109 version 17.0.0 Release 17)
601	ETSI TS 136 101 V16.13.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception (3GPP TS 36.101 version 16.13.0 Release 16)
602	ETSI TS 136 133 V14.21.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 14.21.0 Release 14)
603	ETSI TS 136 133 V14.21.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation (3GPP TS 36.211 version 17.1.0 Release 17)
604	ETSI TS 136 213 V17.1.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer procedures (3GPP TS 36.213 version 17.1.0 Release 17)
605	ETSI TS 136 300 V15.13.0 (2022-05)	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 15.13.0 Release 15)
606	ETSI TS 136 300 V16.8.0 (2022-05)	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 16.8.0 Release 16)
607	ETSI TS 136 300 V17.0.0 (2022-05)	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 17.0.0 Release 17)
608	ETSI TS 136 302 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Services provided by the physical layer (3GPP TS 36.302 version 17.0.0 Release 17)
609	ETSI TS 136 304 V15.8.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 15.8.0 Release 15)
610	ETSI TS 136 304 V16.7.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 16.7.0 Release 16)
611	ETSI TS 136 304 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 17.0.0 Release 17)
612	ETSI TS 136 305 V17.0.0 (2022-05)	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 17.0.0 Release 17)

613	ETSI TS 136 306 V16.8.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 16.8.0 Release 16)
614	ETSI TS 136 306 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 17.0.0 Release 17)
615	ETSI TS 136 314 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Layer 2 - Measurements (3GPP TS 36.314 version 17.0.0 Release 17)
616	ETSI TS 136 321 V16.7.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 16.7.0 Release 16)
617	ETSI TS 136 321 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 17.0.0 Release 17)
618	ETSI TS 136 322 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Link Control (RLC) protocol specification (3GPP TS 36.322 version 17.0.0 Release 17)
619	ETSI TS 136 323 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Packet Data Convergence Protocol (PDCP) specification (3GPP TS 36.323 version 17.0.0 Release 17)
620	ETSI TS 136 331 V15.17.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification (3GPP TS 36.331 version 15.17.0 Release 15)
621	ETSI TS 136 331 V16.8.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification (3GPP TS 36.331 version 16.8.0 Release 16)
622	ETSI TS 136 331 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification (3GPP TS 36.331 version 17.0.0 Release 17)
623	ETSI TS 136 355 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); LTE Positioning Protocol (LPP) (3GPP TS 36.355 version 17.0.0 Release 17)
624	ETSI TS 136 360 V17.0.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); LTE-WLAN Aggregation Adaptation Protocol (LWAAP) specification (3GPP TS 36.360 version 17.0.0 Release 17)
625	ETSI TS 136 361 V17.0.0 (2022-05)	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 17.0.0 Release 17)
626	ETSI TS 136 579-1 V15.5.0 (2022-05)	LTE; Mission Critical (MC) services over LTE; Part 1: Common test environment (3GPP TS 36.579-1 version 15.5.0 Release 15)
627	ETSI TS 136 579-2 V15.3.0 (2022-05)	LTE; Mission Critical (MC) services over LTE; Part 2: Mission Critical Push To Talk (MCPTT) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-2 version 15.3.0 Release 15)
628	ETSI TS 136 579-7 V15.2.1 (2022-05)	LTE; Mission Critical (MC) services over LTE; Part 7: Mission Critical Data (MCData) User Equipment (UE) Protocol conformance specification (3GPP TS 36.579-7 version 15.2.1 Release 15)
629	ETSI TS 137 320 V16.8.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Radio measurement collection for Minimization of Drive Tests (MDT); Overall description; Stage 2 (3GPP TS 37.320 version 16.8.0 Release 16)
630	ETSI TS 137 320 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Radio measurement collection for Minimization of Drive Tests (MDT); Overall description; Stage 2 (3GPP TS 37.320 version 17.0.0 Release 17)
631	ETSI TS 137 324 V17.0.0 (2022-05)	LTE; 5G; Evolved Universal Terrestrial Radio Access (E-UTRA) and NR; Service Data Adaptation Protocol (SDAP) specification (3GPP TS 37.324 version 17.0.0 Release 17)
632	ETSI TS 137 340 V15.16.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR; Multi-connectivity; Overall description; Stage-2 (3GPP TS 37.340 version 15.16.0 Release 15)
633	ETSI TS 137 340 V16.9.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR; Multi-connectivity; Overall description; Stage-2 (3GPP TS 37.340 version 16.9.0 Release 16)
634	ETSI TS 137 340 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR; Multi-connectivity; Overall description; Stage-2 (3GPP TS 37.340 version 17.0.0 Release 17)

635	ETSI TS 137 355 V15.3.0 (2022-05)	LTE; 5G; LTE Positioning Protocol (LPP) (3GPP TS 37.355 version 15.3.0 Release 15)
636	ETSI TS 137 355 V16.8.0 (2022-05)	LTE; 5G; LTE Positioning Protocol (LPP) (3GPP TS 37.355 version 16.8.0 Release 16)
637	ETSI TS 137 355 V17.0.0 (2022-05)	LTE; 5G; LTE Positioning Protocol (LPP) (3GPP TS 37.355 version 17.0.0 Release 17)
638	ETSI TS 138 101-1 V15.17.0 (2022-05)	5G; NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 15.17.0 Release 15)
639	ETSI TS 138 101-1 V16.11.0 (2022-05)	5G; NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 16.11.0 Release 16)
640	ETSI TS 138 101-1 V17.5.0 (2022-05)	5G; NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 17.5.0 Release 17)
641	ETSI TS 138 101-3 V15.17.0 (2022-05)	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 15.17.0 Release 15)
642	ETSI TS 138 101-3 V16.11.0 (2022-05)	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 16.11.0 Release 16)
643	ETSI TS 138 101-3 V17.5.0 (2022-05)	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 17.5.0 Release 17)
644	ETSI TS 138 201 V17.0.0 (2022-05)	5G; NR; Physical layer; General description (3GPP TS 38.201 version 17.0.0 Release 17)
645	ETSI TS 138 300 V17.0.0 (2022-05)	5G; NR; NR and NG-RAN Overall description; Stage-2 (3GPP TS 38.300 version 17.0.0 Release 17)
646	ETSI TS 138 304 V17.0.0 (2022-05)	5G; NR; User Equipment (UE) procedures in idle mode and in RRC Inactive state (3GPP TS 38.304 version 17.0.0 Release 17)
647	ETSI TS 138 305 V17.0.0 (2022-05)	5G; NR; NG Radio Access Network (NG-RAN); Stage 2 functional specification of User Equipment (UE) positioning in NG-RAN (3GPP TS 38.305 version 17.0.0 Release 17)
648	ETSI TS 138 306 V16.8.0 (2022-05)	5G; NR; User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 16.8.0 Release 16)
649	ETSI TS 138 306 V17.0.0 (2022-05)	5G; NR; User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 17.0.0 Release 17)
650	ETSI TS 138 314 V17.0.0 (2022-05)	5G; NR; Layer 2 measurements (3GPP TS 38.314 version 17.0.0 Release 17)
651	ETSI TS 138 321 V15.13.0 (2022-05)	5G; NR; Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 15.13.0 Release 15)
652	ETSI TS 138 321 V16.8.0 (2022-05)	5G; NR; Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 16.8.0 Release 16)
653	ETSI TS 138 321 V17.0.0 (2022-05)	5G; NR; Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 17.0.0 Release 17)
654	ETSI TS 138 322 V17.0.0 (2022-05)	5G; NR; Radio Link Control (RLC) protocol specification (3GPP TS 38.322 version 17.0.0 Release 17)
655	ETSI TS 138 323 V17.0.0 (2022-05)	5G; NR; Packet Data Convergence Protocol (PDCP) specification (3GPP TS 38.323 version 17.0.0 Release 17)
656	ETSI TS 138 331 V15.17.0 (2022-05)	5G; NR; Radio Resource Control (RRC); Protocol specification (3GPP TS 38.331 version 15.17.0 Release 15)
657	ETSI TS 138 331 V16.8.0 (2022-05)	5G; NR; Radio Resource Control (RRC); Protocol specification (3GPP TS 38.331 version 16.8.0 Release 16)
658	ETSI TS 138 331 V17.0.0 (2022-05)	5G; NR; Radio Resource Control (RRC); Protocol specification (3GPP TS 38.331 version 17.0.0 Release 17)
659	ETSI TS 138 340 V17.0.0 (2022-05)	5G; NR; Backhaul Adaptation Protocol (BAP) specification (3GPP TS 38.340 version 17.0.0 Release 17)
660	ETSI TS 138 351 V17.0.0 (2022-05)	5G; NR; Sidelink Relay Adaptation Protocol (SRAP) Specification (3GPP TS 38.351 version 17.0.0 Release 17)
661	ETSI TS 138 455 V16.7.1 (2022-05)	5G; NR; NR Positioning Protocol A (NRPPa) (3GPP TS 38.455 version 16.7.1 Release 16)
662	ETSI TS 138 521-3 V17.4.0 (2022-05)	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 17.4.0 Release 17)

663	ETSI TS 144 318 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Generic Access Network (GAN); Mobile GAN interface layer 3 specification (3GPP TS 44.318 version 17.0.0 Release 17)
664	ETSI TR 145 912 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Feasibility study for evolved GSM/EDGE Radio Access Network (GERAN) (3GPP TR 45.912 version 17.0.0 Release 17)
665	ETSI TS 146 008 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Half Rate Speech; Performance Characterization of the GSM Half Rate speech codec (3GPP TS 46.008 version 17.0.0 Release 17)
666	ETSI EN 300 176-2 V2.4.1 (2022-05)	Digital Enhanced Cordless Telecommunications (DECT); Test specification; Part 2: Audio and speech
667	ETSI EN 302 245 V2.2.1 (2022-05)	Transmitting equipment for the Digital Radio Mondiale (DRM) service; Harmonised Standard for access to radio spectrum
668	ETSI TR 100 392-17-6 V1.2.1 (2022-05)	TETRA and Critical Communications Evolution (TCCE); Part 17: TETRA V+D, DMO and associated specifications; Sub-part 6: Release 2.2
669	ETSI TS 102 412 V16.4.0 (2022-05)	Smart Cards; Smart Card Platform Requirements Stage 1 (Release 16)
670	ETSI TS 102 412 V17.1.0 (2022-05)	Smart Cards; Smart Card Platform Requirements Stage 1 (Release 17)
671	ETSI TR 103 688 V1.1.1 (2022-05)	Intelligent Transport Systems (ITS); Study on receiver requirements in ETSI EN 302 571
672	ETSI TS 103 779 V1.1.1 (2022-05)	SmartM2M; Requirements and Guidelines for cross-domain data usability of IoT devices
673	ETSI TR 103 869 V1.1.1 (2022-05)	Cybersecurity; Network Router Security Threat Analysis
674	ETSI TS 122 016 V17.0.1 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; International Mobile station Equipment Identities (IMEI) (3GPP TS 22.016 version 17.0.1 Release 17)
675	ETSI TS 122 153 V17.3.1 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Multimedia priority service (3GPP TS 22.153 version 17.3.1 Release 17)
676	ETSI TS 122 261 V17.10.0 (2022-05)	5G; Service requirements for the 5G system (3GPP TS 22.261 version 17.10.0 Release 17)
677	ETSI TS 122 262 V17.1.0 (2022-05)	5G; Message service within the 5G System (5GS); Stage 1 (3GPP TS 22.262 version 17.1.0 Release 17)
678	ETSI TS 122 263 V17.4.0 (2022-05)	5G; Service requirements for Video, Imaging and Audio for Professional Applications (VIAPA) (3GPP TS 22.263 version 17.4.0 Release 17)
679	ETSI TS 124 229 V17.6.1 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; IP multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); Stage 3 (3GPP TS 24.229 version 17.6.1 Release 17)
680	ETSI TS 124 281 V17.6.0 (2022-05)	LTE; Mission Critical Video (MCVideo) signalling control; Protocol specification (3GPP TS 24.281 version 17.6.0 Release 17)
681	ETSI TS 124 301 V17.6.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Non-Access-Stratum (NAS) protocol for Evolved Packet System (EPS); Stage 3 (3GPP TS 24.301 version 17.6.0 Release 17)
682	ETSI TS 124 302 V17.4.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Access to the 3GPP Evolved Packet Core (EPC) via non-3GPP access networks; Stage 3 (3GPP TS 24.302 version 17.4.0 Release 17)
683	ETSI TS 124 334 V17.2.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Proximity-services (ProSe) User Equipment (UE) to ProSe function protocol aspects; Stage 3 (3GPP TS 24.334 version 17.2.0 Release 17)
684	ETSI TS 124 341 V17.1.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Support of SMS over IP networks; Stage 3 (3GPP TS 24.341 version 17.1.0 Release 17)

685	ETSI TS 124 368 V17.2.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Non-Access Stratum (NAS) configuration Management Object (MO) (3GPP TS 24.368 version 17.2.0 Release 17)
686	ETSI TS 124 371 V17.1.0 (2022-05)	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 17.1.0 Release 17)
687	ETSI TS 124 379 V17.6.0 (2022-05)	LTE; Mission Critical Push To Talk (MCPTT) call control; Protocol specification (3GPP TS 24.379 version 17.6.0 Release 17)
688	ETSI TS 124 380 V17.6.0 (2022-05)	LTE; Mission Critical Push To Talk (MCPTT) media plane control; Protocol specification (3GPP TS 24.380 version 17.6.0 Release 17)
689	ETSI TS 124 390 V17.0.0 (2022-05)	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 17.0.0 Release 17)
690	ETSI TS 124 391 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Unstructured Supplementary Service Data (USSD) using IP Multimedia (IM) Core Network (CN) subsystem (IMS) Management Object (MO) (3GPP TS 24.391 version 17.0.0 Release 17)
691	ETSI TS 124 424 V17.2.0 (2022-05)	LTE; 5G; Management Object (MO) for Extensible Markup Language (XML) Configuration Access Protocol (XCAP) over the Ut interface for Manipulating Supplementary Services (SS) (3GPP TS 24.424 version 17.2.0 Release 17)
692	ETSI TS 124 481 V17.4.0 (2022-05)	LTE; Mission Critical Services (MCS) group management; Protocol specification (3GPP TS 24.481 version 17.4.0 Release 17)
693	ETSI TS 124 482 V17.1.0 (2022-05)	LTE; Mission Critical Services (MCS) identity management; Protocol specification (3GPP TS 24.482 version 17.1.0 Release 17)
694	ETSI TS 124 483 V17.6.0 (2022-05)	LTE; Mission Critical Services (MCS) Management Object (MO) (3GPP TS 24.483 version 17.6.0 Release 17)
695	ETSI TS 124 484 V17.5.0 (2022-05)	LTE; Mission Critical Services (MCS) configuration management; Protocol specification (3GPP TS 24.484 version 17.5.0 Release 17)
696	ETSI TS 124 486 V17.3.0 (2022-05)	LTE; 5G; Vehicle-to-Everything (V2X) Application Enabler (VAE) layer; Protocol aspects; Stage 3 (3GPP TS 24.486 version 17.3.0 Release 17)
697	ETSI TS 124 502 V17.5.0 (2022-05)	5G; Access to the 3GPP 5G Core Network (5GCN) via non-3GPP access networks (3GPP TS 24.502 version 17.5.0 Release 17)
698	ETSI TS 124 519 V17.1.0 (2022-05)	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 17.1.0 Release 17)
699	ETSI TS 124 526 V17.6.0 (2022-05)	5G; User Equipment (UE) policies for 5G System (5GS); Stage 3 (3GPP TS 24.526 version 17.6.0 Release 17)
700	ETSI TS 124 535 V17.2.0 (2022-05)	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 17.2.0 Release 17)
701	ETSI TS 124 539 V17.4.0 (2022-05)	5G; 5G System (5GS); Network to TSN translator (TT) protocol aspects; Stage 3 (3GPP TS 24.539 version 17.4.0 Release 17)
702	ETSI TS 124 544 V17.2.0 (2022-05)	5G; Group Management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification (3GPP TS 24.544 version 17.2.0 Release 17)
703	ETSI TS 124 545 V17.2.0 (2022-05)	5G; Location Management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification (3GPP TS 24.545 version 17.2.0 Release 17)
704	ETSI TS 124 547 V17.1.0 (2022-05)	5G; Identity management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification (3GPP TS 24.547 version 17.1.0 Release 17)
705	ETSI TS 124 548 V17.0.0 (2022-05)	5G; Network Resource Management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification (3GPP TS 24.548 version 17.0.0 Release 17)

706	ETSI TS 124 549 V17.0.0 (2022-05)	5G; Network slice capability enablement- Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification; Stage 3 (3GPP TS 24.549 version 17.0.0 Release 17)
707	ETSI TS 124 554 V17.0.0 (2022-05)	5G; Proximity-services (ProSe) in 5G System (5GS) protocol aspects; Stage 3 (3GPP TS 24.554 version 17.0.0 Release 17)
708	ETSI TS 124 555 V17.0.0 (2022-05)	5G; Proximity-services (ProSe) in 5G System (5GS); User Equipment (UE) policies; Stage 3 (3GPP TS 24.555 version 17.0.0 Release 17)
709	ETSI TS 124 571 V17.1.0 (2022-05)	5G; 5G System (5GS); Control plane Location Services (LCS) procedures; Stage 3 (3GPP TS 24.571 version 17.1.0 Release 17)
710	ETSI TS 124 581 V17.2.0 (2022-05)	LTE; Mission Critical Video (MCVideo) media plane control; Protocol specification (3GPP TS 24.581 version 17.2.0 Release 17)
711	ETSI TS 124 582 V17.1.0 (2022-05)	LTE; Mission Critical Data (MCData) media plane control; Protocol specification (3GPP TS 24.582 version 17.1.0 Release 17)
712	ETSI TS 124 587 V17.5.0 (2022-05)	5G; Vehicle-to-Everything (V2X) services in 5G System (5GS); Stage 3 (3GPP TS 24.587 version 17.5.0 Release 17)
713	ETSI TS 124 588 V17.0.0 (2022-05)	5G; Vehicle-to-Everything (V2X) services in 5G System (5GS); User Equipment (UE) policies; Stage 3 (3GPP TS 24.588 version 17.0.0 Release 17)
714	ETSI TS 124 604 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Communication Diversion (CDIV) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification (3GPP TS 24.604 version 17.0.0 Release 17)
715	ETSI TS 124 611 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Anonymous Communication Rejection (ACR) and Communication Barring (CB) using IP Multimedia (IM) Core Network (CN) subsystem; Protocol specification (3GPP TS 24.611 version 17.0.0 Release 17)
716	ETSI TS 124 623 V17.2.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Extensible Markup Language (XML) Configuration Access Protocol (XCAP) over the Ut interface for Manipulating Supplementary Services (3GPP TS 24.623 version 17.2.0 Release 17)
717	ETSI TS 124 628 V17.0.0 (2022-05)	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 17.0.0 Release 17)
718	ETSI TS 126 118 V17.0.0 (2022-05)	5G; Virtual Reality (VR) profiles for streaming applications (3GPP TS 26.118 version 17.0.0 Release 17)
719	ETSI TS 126 131 V17.1.1 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Terminal acoustic characteristics for telephony; Requirements (3GPP TS 26.131 version 17.1.1 Release 17)
720	ETSI TS 126 237 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; IP Multimedia Subsystem (IMS) based Packet Switch Streaming (PSS) and Multimedia Broadcast/Multicast Service (MBMS) User Service; Protocols (3GPP TS 26.237 version 17.0.0 Release 17)
721	ETSI TS 126 238 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Uplink streaming (3GPP TS 26.238 version 17.0.0 Release 17)
722	ETSI TS 126 445 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Detailed algorithmic description (3GPP TS 26.445 version 17.0.0 Release 17)
723	ETSI TS 126 502 V17.0.0 (2022-05)	5G; 5G Multicast-Broadcast User Service Architecture (3GPP TS 26.502 version 17.0.0 Release 17)
724	ETSI TR 126 939 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Guidelines on the Framework for Live Uplink Streaming (FLUS) (3GPP TR 26.939 version 17.0.0 Release 17)

725	ETSI TS 127 007 V17.5.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; AT command set for User Equipment (UE) (3GPP TS 27.007 version 17.5.0 Release 17)
726	ETSI TS 128 100 V17.0.0 (2022-05)	5G; Management and orchestration; Levels of autonomous network (3GPP TS 28.100 version 17.0.0 Release 17)
727	ETSI TS 128 310 V17.3.0 (2022-05)	5G; LTE; Management and orchestration; Energy efficiency of 5G (3GPP TS 28.310 version 17.3.0 Release 17)
728	ETSI TS 128 313 V17.4.0 (2022-05)	5G; Management and orchestration; Self-Organizing Networks (SON) for 5G networks (3GPP TS 28.313 version 17.4.0 Release 17)
729	ETSI TS 128 314 V17.0.0 (2022-05)	5G; Management and orchestration; Plug and Connect; Concepts and requirements (3GPP TS 28.314 version 17.0.0 Release 17)
730	ETSI TS 128 315 V17.0.0 (2022-05)	5G; Management and orchestration; Plug and Connect; Procedure flows (3GPP TS 28.315 version 17.0.0 Release 17)
731	ETSI TS 128 316 V17.0.0 (2022-05)	5G; Management and orchestration; Plug and Connect; Data formats (3GPP TS 28.316 version 17.0.0 Release 17)
732	ETSI TS 128 404 V17.1.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Quality of Experience (QoE) measurement collection; Concepts, use cases and requirements (3GPP TS 28.404 version 17.1.0 Release 17)
733	ETSI TS 128 405 V17.1.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Quality of Experience (QoE) measurement collection; Control and configuration (3GPP TS 28.405 version 17.1.0 Release 17)
734	ETSI TS 128 530 V17.2.0 (2022-05)	5G; Management and orchestration; Concepts, use cases and requirements (3GPP TS 28.530 version 17.2.0 Release 17)
735	ETSI TS 128 531 V17.3.0 (2022-05)	5G; Management and orchestration; Provisioning (3GPP TS 28.531 version 17.3.0 Release 17)
736	ETSI TS 128 532 V17.0.0 (2022-05)	5G; Management and orchestration; Generic management services (3GPP TS 28.532 version 17.0.0 Release 17)
737	ETSI TS 128 533 V17.2.0 (2022-05)	5G; Management and orchestration; Architecture framework (3GPP TS 28.533 version 17.2.0 Release 17)
738	ETSI TS 128 535 V17.4.0 (2022-05)	5G; LTE; Management and orchestration; Management services for communication service assurance; Requirements (3GPP TS 28.535 version 17.4.0 Release 17)
739	ETSI TS 128 536 V17.2.0 (2022-05)	LTE; 5G; Management and orchestration; Management services for communication service assurance; Stage 2 and stage 3 (3GPP TS 28.536 version 17.2.0 Release 17)
740	ETSI TS 128 537 V17.2.0 (2022-05)	5G; Management and orchestration; Management capabilities (3GPP TS 28.537 version 17.2.0 Release 17)
741	ETSI TS 128 538 V17.0.0 (2022-05)	5G; Management and orchestration; Edge Computing Management (3GPP TS 28.538 version 17.0.0 Release 17)
742	ETSI TS 128 540 V17.2.0 (2022-05)	5G; Management and orchestration; 5G Network Resource Model (NRM); Stage 1 (3GPP TS 28.540 version 17.2.0 Release 17)
743	ETSI TS 128 545 V17.0.0 (2022-05)	5G; Management and orchestration; Fault Supervision (FS) (3GPP TS 28.545 version 17.0.0 Release 17)
744	ETSI TS 128 552 V17.6.0 (2022-05)	5G; Management and orchestration; 5G performance measurements (3GPP TS 28.552 version 17.6.0 Release 17)
745	ETSI TS 128 554 V17.6.0 (2022-05)	5G; Management and orchestration; 5G end to end Key Performance Indicators (KPI) (3GPP TS 28.554 version 17.6.0 Release 17)
746	ETSI TS 128 555 V17.0.0 (2022-05)	5G; Management and orchestration; Network policy management for 5G mobile networks; Stage 1 (3GPP TS 28.555 version 17.0.0 Release 17)
747	ETSI TS 128 556 V17.0.0 (2022-05)	5G; Management and orchestration; Network policy management for 5G mobile networks; Stage 2 and stage 3 (3GPP TS 28.556 version 17.0.0 Release 17)
748	ETSI TS 128 557 V17.0.0 (2022-05)	5G; Management and orchestration; Management of Non-Public Networks (NPN); Stage 1 and stage 2 (3GPP TS 28.557 version 17.0.0 Release 17)
749	ETSI TS 128 622 V17.1.1 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Generic Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) (3GPP TS 28.622 version 17.1.1 Release 17)

750	ETSI TS 128 623 V17.1.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Generic Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.623 version 17.1.0 Release 17)
751	ETSI TS 128 658 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Evolved Universal Terrestrial Radio Access Network (E-UTRAN) Network Resource Model (NRM) Integration Reference Point (IRP); Information Service (IS) (3GPP TS 28.658 version 17.0.0 Release 17)
752	ETSI TS 129 002 V17.1.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Mobile Application Part (MAP) specification (3GPP TS 29.002 version 17.1.0 Release 17)
753	ETSI TS 129 060 V17.2.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); General Packet Radio Service (GPRS); GPRS Tunnelling Protocol (GTP) across the Gn and Gp interface (3GPP TS 29.060 version 17.2.0 Release 17)
754	ETSI TS 129 061 V17.6.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Interworking between the Public Land Mobile Network (PLMN) supporting packet based services and Packet Data Networks (PDN) (3GPP TS 29.061 version 17.6.0 Release 17)
755	ETSI TS 129 079 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Optimal media routing within the IP Multimedia Subsystem (IMS); Stage 3 (3GPP TS 29.079 version 17.0.0 Release 17)
756	ETSI TS 129 116 V17.1.0 (2022-05)	LTE; 5G; Representational state transfer over xMB reference point between content provider and BM-SC (3GPP TS 29.116 version 17.1.0 Release 17)
757	ETSI TS 129 122 V17.5.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; T8 reference point for Northbound APIs (3GPP TS 29.122 version 17.5.0 Release 17)
758	ETSI TS 129 155 V17.0.0 (2022-05)	LTE; Traffic steering control; Representational State Transfer (REST) over St reference point (3GPP TS 29.155 version 17.0.0 Release 17)
759	ETSI TS 129 162 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Interworking between the IM CN subsystem and IP networks (3GPP TS 29.162 version 17.0.0 Release 17)
760	ETSI TS 129 163 V17.3.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Interworking between the IP Multimedia (IM) Core Network (CN) subsystem and Circuit Switched (CS) networks (3GPP TS 29.163 version 17.3.0 Release 17)
761	ETSI TS 129 165 V17.3.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Inter-IMS Network to Network Interface (NNI) (3GPP TS 29.165 version 17.3.0 Release 17)
762	ETSI TS 129 168 V17.1.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Cell Broadcast Centre interfaces with the Evolved Packet Core; Stage 3 (3GPP TS 29.168 version 17.1.0 Release 17)
763	ETSI TS 129 171 V17.0.0 (2022-05)	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 17.0.0 Release 17)
764	ETSI TS 129 201 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; Representational State Transfer (REST) reference point between Application Function (AF) and Protocol Converter (PC) (3GPP TS 29.201 version 17.0.0 Release 17)

765	ETSI TS 129 212 V17.2.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Policy and Charging Control (PCC); Reference points (3GPP TS 29.212 version 17.2.0 Release 17)
766	ETSI TS 129 213 V17.2.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; Policy and charging control signalling flows and Quality of Service (QoS) parameter mapping (3GPP TS 29.213 version 17.2.0 Release 17)
767	ETSI TS 129 214 V17.3.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Policy and charging control over Rx reference point (3GPP TS 29.214 version 17.3.0 Release 17)
768	ETSI TS 129 222 V17.4.0 (2022-05)	5G; LTE; Common API Framework for 3GPP Northbound APIs (3GPP TS 29.222 version 17.4.0 Release 17)
769	ETSI TS 129 228 V17.1.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; IP Multimedia (IM) Subsystem Cx and Dx Interfaces; Signalling flows and message contents (3GPP TS 29.228 version 17.1.0 Release 17)
770	ETSI TS 129 229 V17.1.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Cx and Dx interfaces based on the Diameter protocol; Protocol details (3GPP TS 29.229 version 17.1.0 Release 17)
771	ETSI TS 129 230 V17.2.0 (2022-05)	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 17.2.0 Release 17)
772	ETSI TS 129 232 V17.0.0 (2022-05)	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 17.0.0 Release 17)
773	ETSI TS 129 235 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Interworking between SIP-I based circuit-switched core network and other networks (3GPP TS 29.235 version 17.0.0 Release 17)
774	ETSI TS 129 238 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Interconnection Border Control Functions (IBCF) - Transition Gateway (TrGW) interface, Ix interface; Stage 3 (3GPP TS 29.238 version 17.0.0 Release 17)
775	ETSI TS 129 240 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 3GPP Generic User Profile (GUP); Stage 3; Network (3GPP TS 29.240 version 17.0.0 Release 17)
776	ETSI TS 129 244 V17.4.0 (2022-05)	LTE; 5G; Interface between the Control Plane and the User Plane nodes (3GPP TS 29.244 version 17.4.0 Release 17)
777	ETSI TS 129 251 V17.2.0 (2022-05)	LTE; Gw and Gwn reference point for sponsored data connectivity (3GPP TS 29.251 version 17.2.0 Release 17)
778	ETSI TS 129 255 V17.0.0 (2022-05)	5G; Uncrewed Aerial System Service Supplier (USS) Services; Stage 3 (3GPP TS 29.255 version 17.0.0 Release 17)
779	ETSI TS 129 256 V17.0.0 (2022-05)	5G; Uncrewed Aerial Systems Network Function (UAS-NF); Aerial Management Services; Stage 3 (3GPP TS 29.256 version 17.0.0 Release 17)
780	ETSI TS 129 257 V17.0.0 (2022-05)	5G; Application layer support for Uncrewed Aerial System (UAS); UAS Application Enabler (UAE) Server Services; Stage 3 (3GPP TS 29.257 version 17.0.0 Release 17)
781	ETSI TS 129 272 V17.2.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Evolved Packet System (EPS); Mobility Management Entity (MME) and Serving GPRS Support Node (SGSN) related interfaces based on Diameter protocol (3GPP TS 29.272 version 17.2.0 Release 17)
782	ETSI TS 129 273 V17.2.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Evolved Packet System (EPS); 3GPP EPS AAA interfaces (3GPP TS 29.273 version 17.2.0 Release 17)
783	ETSI TS 129 274 V17.5.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; 3GPP Evolved Packet System (EPS); Evolved General Packet Radio Service (GPRS) Tunnelling Protocol for Control plane (GTPv2-C); Stage 3 (3GPP TS 29.274 version 17.5.0 Release 17)

784	ETSI TS 129 281 V17.2.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; General Packet Radio System (GPRS) Tunnelling Protocol User Plane (GTPv1-U) (3GPP TS 29.281 version 17.2.0 Release 17)
785	ETSI TS 129 292 V17.0.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Interworking between the IP Multimedia (IM) Core Network (CN) subsystem (IMS) and MSC Server for IMS Centralized Services (ICS) (3GPP TS 29.292 version 17.0.0 Release 17)
786	ETSI TS 129 303 V17.3.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Domain Name System Procedures; Stage 3 (3GPP TS 29.303 version 17.3.0 Release 17)
787	ETSI TS 129 309 V17.0.0 (2022-05)	5G; Bootstrapping Server Function (GBA BSF) Services (3GPP TS 29.309 version 17.0.0 Release 17)
788	ETSI TS 129 328 V17.3.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; IP Multimedia (IM) Subsystem Sh interface; Signalling flows and message contents (3GPP TS 29.328 version 17.3.0 Release 17)
789	ETSI TS 131 102 V16.10.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Characteristics of the Universal Subscriber Identity Module (USIM) application (3GPP TS 31.102 version 16.10.0 Release 16)
790	ETSI TS 134 123-1 V15.5.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); User Equipment (UE) conformance specification; Part 1: Protocol conformance specification (3GPP TS 34.123-1 version 15.5.0 Release 15)
791	ETSI TS 136 508 V17.2.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); Common test environments for User Equipment (UE) conformance testing (3GPP TS 36.508 version 17.2.0 Release 17)
792	ETSI TS 136 523-1 V17.1.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 1: Protocol conformance specification (3GPP TS 36.523-1 version 17.1.0 Release 17)
793	ETSI TS 136 523-3 V17.2.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 3: Test suites (3GPP TS 36.523-3 version 17.2.0 Release 17)
794	ETSI TS 137 571-1 V16.12.0 (2022-05)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; User Equipment (UE) conformance specification for UE positioning; Part 1: Conformance test specification (3GPP TS 37.571-1 version 16.12.0 Release 16)
795	ETSI TS 138 133 V15.17.0 (2022-05)	5G; NR; Requirements for support of radio resource management (3GPP TS 38.133 version 15.17.0 Release 15)
796	ETSI TS 138 133 V16.11.0 (2022-05)	5G; NR; Requirements for support of radio resource management (3GPP TS 38.133 version 16.11.0 Release 16)
797	ETSI TS 138 133 V17.5.0 (2022-05)	5G; NR; Requirements for support of radio resource management (3GPP TS 38.133 version 17.5.0 Release 17)
798	ETSI TS 138 141-2 V15.13.0 (2022-05)	5G; NR; Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 15.13.0 Release 15)
799	ETSI TS 138 307 V15.10.0 (2022-05)	5G; NR; Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 38.307 version 15.10.0 Release 15)
800	ETSI TR 138 921 V17.1.0 (2022-05)	5G; Study on International Mobile Telecommunications (IMT) parameters for 6.425 - 7.025 GHz, 7.025 - 7.125 GHz and 10.0 - 10.5 GHz (3GPP TR 38.921 version 17.1.0 Release 17)
801	ETSI TS 151 010-1 V13.13.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Mobile Station (MS) conformance specification; Part 1: Conformance specification (3GPP TS 51.010-1 version 13.13.0 Release 13)
802	ETSI GS NFV-IFA 006 V4.3.1 (2022-05)	Network Functions Virtualisation (NFV) Release 4; Management and Orchestration; Vi-Vnfm reference point - Interface and Information Model Specification
803	ETSI TS 102 223 V17.0.0 (2022-05)	Smart Cards; Card Application Toolkit (CAT) (Release 17)
804	ETSI TS 103 120 V1.11.2 (2022-05)	Lawful Interception (LI); Interface for warrant information

805	ETSI TS 103 713 V17.0.0 (2022-05)	Smart Secure Platform (SSP); SPI interface (Release 17)
806	ETSI TS 103 713 V16.0.0 (2022-05)	Smart Secure Platform (SSP); SPI interface (Release 16)
807	ETSI TS 128 541 V17.6.0 (2022-05)	5G; Management and orchestration; 5G Network Resource Model (NRM); Stage 2 and stage 3 (3GPP TS 28.541 version 17.6.0 Release 17)
808	ETSI TS 132 332 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Notification Log (NL) Integration Reference Point (IRP); Information Service (IS) (3GPP TS 32.332 version 17.0.0 Release 17)
809	ETSI TS 132 366 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Entry Point (EP) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 32.366 version 17.0.0 Release 17)
810	ETSI TS 132 382 V17.0.0 (2022-05)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; Telecommunication management; Partial Suspension of Itf-N Integration Reference Point (IRP); Information Service (IS) (3GPP TS 32.382 version 17.0.0 Release 17)
811	ETSI TS 136 521-1 V17.2.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Conformance testing (3GPP TS 36.521-1 version 17.2.0 Release 17)
812	ETSI TS 138 508-1 V17.4.0 (2022-05)	5G; LTE; 5GS; User Equipment (UE) conformance specification; Part 1: Common test environment (3GPP TS 38.508-1 version 17.4.0 Release 17)
813	ETSI TS 138 521-2 V16.11.0 (2022-05)	5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 2: Range 2 standalone (3GPP TS 38.521-2 version 16.11.0 Release 16)
814	ETSI TS 138 521-4 V16.11.0 (2022-05)	5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 4: Performance (3GPP TS 38.521-4 version 16.11.0 Release 16)
815	ETSI ES 203 119-1 V1.6.1 (2022-05)	Methods for Testing and Specification (MTS); The Test Description Language (TDL); Part 1: Abstract Syntax and Associated Semantics
816	ETSI ES 203 119-2 V1.5.1 (2022-05)	Methods for Testing and Specification (MTS); The Test Description Language (TDL); Part 2: Graphical Syntax
817	ETSI ES 203 119-3 V1.5.1 (2022-05)	Methods for Testing and Specification (MTS); The Test Description Language (TDL); Part 3: Exchange Format
818	ETSI ES 203 119-4 V1.5.1 (2022-05)	Methods for Testing and Specification (MTS); The Test Description Language (TDL); Part 4: Structured Test Objective Specification (Extension)
819	ETSI ES 203 119-6 V1.3.1 (2022-05)	Methods for Testing and Specification (MTS); The Test Description Language (TDL); Part 6: Mapping to TTCN-3
820	ETSI ES 203 119-7 V1.3.1 (2022-05)	Methods for Testing and Specification (MTS); The Test Description Language (TDL); Part 7: Extended Test Configurations
821	ETSI ES 203 119-8 V1.1.1 (2022-05)	Methods for Testing and Specification (MTS); The Test Description Language (TDL); Part 8: Textual Syntax
822	ETSI GR IPE 005 V1.1.1 (2022-05)	IPv6 Enhanced Innovation (IPE); 5G Transport over IPv6 and SRv6
823	ETSI GS NFV-IFA 008 V4.3.1 (2022-05)	Network Functions Virtualisation (NFV) Release 4; Management and Orchestration; Ve-Vnfm reference point - Interface and Information Model Specification
824	ETSI GS MEC 030 V2.2.1 (2022-05)	Multi-access Edge Computing (MEC); V2X Information Service API
825	ETSI GS NFV-IFA 040 V4.3.1 (2022-05)	Network Functions Virtualisation (NFV) Release 4; Management and Orchestration; Requirements for service interfaces and object model for OS container management and orchestration specification
826	ETSI TR 103 704 V1.1.1 (2022-05)	Urban Rail ITS and Road ITS applications in the 5,9 GHz band; Measurement campaign to confirm simulation parameters to define Urban Rail ITS protected zones in 5 915 MHz to 5 925 MHz
827	ETSI TS 136 133 V15.16.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 15.16.0 Release 15)

828	ETSI TS 136 133 V16.13.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 16.13.0 Release 16)
829	ETSI TS 136 133 V17.5.0 (2022-05)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management (3GPP TS 36.133 version 17.5.0 Release 17)