

Nr.	Standard reference	Title
1	ETSI GS NFV-SOL 005 V3.5.1 (2021-10)	Network Functions Virtualisation (NFV) Release 3; Protocols and Data Models; RESTful protocols specification for the Os-Ma-nfvo Reference Point
2	ETSI TS 102 268 V7.1.0 (2021-10)	Smart Cards; Test specification for the UICC Application Programming Interface (API) for Java Card(TM) (Release 7)
3	ETSI TS 103 624 V1.2.1 (2021-10)	Characterization Methodology and Requirement Specifications for the ETSI LC3plus speech codec
4	ETSI TR 103 823 V1.1.2 (2021-10)	CYBER; Quantum-Safe Public-Key Encryption and Key Encapsulation
5	ETSI TS 122 261 V15.9.0 (2021-10)	5G; Service requirements for the 5G system (3GPP TS 22.261 version 15.9.0 Release 15)
6	ETSI TS 122 261 V16.15.0 (2021-10)	5G; Service requirements for the 5G system (3GPP TS 22.261 version 16.15.0 Release 16)
7	ETSI TS 123 280 V16.6.0 (2021-10)	LTE; Common functional architecture to support mission critical services; Stage 2 (3GPP TS 23.280 version 16.6.0 Release 16)
8	ETSI TS 124 282 V16.8.0 (2021-10)	LTE; Mission Critical Data (MCData) signalling control; Protocol specification (3GPP TS 24.282 version 16.8.0 Release 16)
9	ETSI TS 124 379 V15.12.0 (2021-10)	LTE; Mission Critical Push To Talk (MCPTT) call control; Protocol specification (3GPP TS 24.379 version 15.12.0 Release 15)
10	ETSI TS 124 379 V16.10.0 (2021-10)	LTE; Mission Critical Push To Talk (MCPTT) call control; Protocol specification (3GPP TS 24.379 version 16.10.0 Release 16)
11	ETSI TS 124 587 V16.6.0 (2021-10)	5G; Vehicle-to-Everything (V2X) services in 5G System (5GS); Stage 3 (3GPP TS 24.587 version 16.6.0 Release 16)
12	ETSI TS 126 114 V16.11.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; IP Multimedia Subsystem (IMS); Multimedia telephony; Media handling and interaction (3GPP TS 26.114 version 16.11.0 Release 16)
13	ETSI TS 126 116 V16.4.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; Television (TV) over 3GPP services; Video profiles (3GPP TS 26.116 version 16.4.0 Release 16)
14	ETSI TS 126 247 V16.5.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; Transparent end-to-end Packet-switched Streaming Service (PSS); Progressive Download and Dynamic Adaptive Streaming over HTTP (3GP-DASH) (3GPP TS 26.247 version 16.5.0 Release 16)
15	ETSI TS 126 442 V12.14.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Codec for Enhanced Voice Services (EVS); ANSI C code (fixed-point) (3GPP TS 26.442 version 12.14.0 Release 12)
16	ETSI TS 126 442 V13.9.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Codec for Enhanced Voice Services (EVS); ANSI C code (fixed-point) (3GPP TS 26.442 version 13.9.0 Release 13)
17	ETSI TS 126 442 V14.5.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Codec for Enhanced Voice Services (EVS); ANSI C code (fixed-point) (3GPP TS 26.442 version 14.5.0 Release 14)
18	ETSI TS 126 442 V15.3.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Codec for Enhanced Voice Services (EVS); ANSI C code (fixed-point) (3GPP TS 26.442 version 15.3.0 Release 15)
19	ETSI TS 126 442 V16.3.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Codec for Enhanced Voice Services (EVS); ANSI C code (fixed-point) (3GPP TS 26.442 version 16.3.0 Release 16)
20	ETSI TS 126 443 V12.13.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); ANSI C code (floating-point) (3GPP TS 26.443 version 12.13.0 Release 12)
21	ETSI TS 126 443 V13.9.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); ANSI C code (floating-point) (3GPP TS 26.443 version 13.9.0 Release 13)
22	ETSI TS 126 443 V14.5.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); ANSI C code (floating-point) (3GPP TS 26.443 version 14.5.0 Release 14)
23	ETSI TS 126 443 V15.3.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); ANSI C code (floating-point) (3GPP TS 26.443 version 15.3.0 Release 15)
24	ETSI TS 126 443 V16.2.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); ANSI C code (floating-point) (3GPP TS 26.443 version 16.2.0 Release 16)
25	ETSI TS 126 444 V12.13.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Test sequences (3GPP TS 26.444 version 12.13.0 Release 12)
26	ETSI TS 126 444 V13.8.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Test sequences (3GPP TS 26.444 version 13.8.0 Release 13)
27	ETSI TS 126 444 V14.5.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Test sequences (3GPP TS 26.444 version 14.5.0 Release 14)

28	ETSI TS 126 444 V15.3.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Test sequences (3GPP TS 26.444 version 15.3.0 Release 15)
29	ETSI TS 126 444 V16.4.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; Codec for Enhanced Voice Services (EVS); Test sequences (3GPP TS 26.444 version 16.4.0 Release 16)
30	ETSI TS 126 452 V16.3.0 (2021-10)	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 16.3.0 Release 16)
31	ETSI TS 126 512 V16.4.0 (2021-10)	5G; 5G Media Streaming (5GMS); Protocols (3GPP TS 26.512 version 16.4.0 Release 16)
32	ETSI TS 127 007 V16.10.0 (2021-10)	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 16.10.0 Release 16)
33	ETSI TS 129 379 V16.3.0 (2021-10)	LTE; 5G; Mission Critical Push To Talk (MCPTT) call control interworking with Land Mobile Radio (LMR) systems; Stage-3 (3GPP TS 29.379 version 16.3.0 Release 16)
34	ETSI TS 131 121 V16.5.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; UICC-terminal interface; Universal Subscriber Identity Module (USIM) application test specification (3GPP TS 31.121 version 16.5.0 Release 16)
35	ETSI TS 132 291 V16.9.0 (2021-10)	5G; Telecommunication management; Charging management; 5G system, charging service; Stage 3 (3GPP TS 32.291 version 16.9.0 Release 16)
36	ETSI TS 136 304 V16.5.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) procedures in idle mode (3GPP TS 36.304 version 16.5.0 Release 16)
37	ETSI TS 136 305 V16.4.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Stage 2 functional specification of User Equipment (UE) positioning in E-UTRAN (3GPP TS 36.305 version 16.4.0 Release 16)
38	ETSI TS 136 306 V16.6.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio access capabilities (3GPP TS 36.306 version 16.6.0 Release 16)
39	ETSI TS 136 321 V16.6.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Medium Access Control (MAC) protocol specification (3GPP TS 36.321 version 16.6.0 Release 16)
40	ETSI TS 137 320 V16.6.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; Universal Terrestrial Radio Access (UTRA) and Evolved Universal Terrestrial Radio Access (E-UTRA); Radio measurement collection for Minimization of Drive Tests (MDT); Overall description; Stage 2 (3GPP TS 37.320 version 16.6.0 Release 16)
41	ETSI TS 137 340 V15.14.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR; Multi-connectivity; Overall description;
42	ETSI TS 137 340 V16.7.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR; Multi-connectivity; Overall description;
43	ETSI TS 137 355 V16.6.0 (2021-10)	LTE; 5G; LTE Positioning Protocol (LPP) (3GPP TS 37.355 version 16.6.0 Release 16)
44	ETSI TS 138 211 V16.7.0 (2021-10)	5G; NR; Physical channels and modulation (3GPP TS 38.211 version 16.7.0 Release 16)
45	ETSI TS 138 300 V16.7.0 (2021-10)	5G; NR; NR and NG-RAN Overall description; Stage-2 (3GPP TS 38.300 version 16.7.0 Release 16)
46	ETSI TS 138 304 V15.8.0 (2021-10)	5G; NR; User Equipment (UE) procedures in idle mode and in RRC Inactive state (3GPP TS 38.304 version 15.8.0 Release 15)
47	ETSI TS 138 304 V16.6.0 (2021-10)	5G; NR; User Equipment (UE) procedures in idle mode and in RRC Inactive state (3GPP TS 38.304 version 16.6.0 Release 16)
48	ETSI TS 138 305 V15.9.0 (2021-10)	5G; NG Radio Access Network (NG-RAN); Stage 2 functional specification of User Equipment (UE) positioning in NG-RAN (3GPP TS 38.305 version 15.9.0 Release 15)
49	ETSI TS 138 305 V16.6.0 (2021-10)	5G; NG Radio Access Network (NG-RAN); Stage 2 functional specification of User Equipment (UE) positioning in NG-RAN (3GPP TS 38.305 version 16.6.0 Release 16)
50	ETSI TS 138 306 V15.15.0 (2021-10)	5G; NR; User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 15.15.0 Release 15)
51	ETSI TS 138 306 V16.6.0 (2021-10)	5G; NR; User Equipment (UE) radio access capabilities (3GPP TS 38.306 version 16.6.0 Release 16)
52	ETSI TS 138 321 V16.6.0 (2021-10)	5G; NR; Medium Access Control (MAC) protocol specification (3GPP TS 38.321 version 16.6.0 Release 16)
53	ETSI GS ARF 004-3 V1.1.1 (2021-10)	Augmented Reality Framework (ARF); Interoperability Requirements for AR components, systems and services; Part 3: World Capture, World Analysis and Scene Management
54	ETSI TS 102 232-2 V3.13.2 (2021-10)	Lawful Interception (LI); Handover Interface and Service-Specific Details (SSD) for IP delivery; Part 2: Service-specific details for messaging services
55	ETSI TR 102 546 V2.1.1 (2021-10)	System Reference document (SRdoc); Technical characteristics for Audio PMSE equipment
56	ETSI TS 102 941 V2.1.1 (2021-10)	Intelligent Transport Systems (ITS); Security; Trust and Privacy Management; Release 2

57	ETSI TS 103 097 V2.1.1 (2021-10)	Intelligent Transport Systems (ITS); Security; Security header and certificate formats; Release 2
58	ETSI TS 103 221-2 V1.5.2 (2021-10)	Lawful Interception (LI); Internal Network Interfaces; Part 2: X2/X3
59	ETSI TR 103 439 V2.1.1 (2021-10)	Intelligent Transport Systems (ITS); Multi-Channel Operation study; Release 2
60	ETSI TS 103 807 V1.1.1 (2021-10)	Mobile Standards Group (MSG); IMT Cellular Networks Base Stations (BS) Additional Regulatory Requirements
61	ETSI TS 124 544 V16.4.0 (2021-10)	5G; Group Management - Service Enabler Architecture Layer for Verticals (SEAL); Protocol specification (3GPP TS 24.544 version 16.4.0 Release 16)
62	ETSI TS 128 623 V16.9.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Telecommunication management; Generic Network Resource Model (NRM) Integration Reference Point (IRP); Solution Set (SS) definitions (3GPP TS 28.623 version 16.9.0 Release 16)
63	ETSI TS 136 104 V15.13.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 15.13.0 Release 15)
64	ETSI TS 136 104 V16.11.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception (3GPP TS 36.104 version 16.11.0 Release 16)
65	ETSI TS 136 141 V15.14.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 15.14.0 Release 15)
66	ETSI TS 136 141 V16.11.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing (3GPP TS 36.141 version 16.11.0 Release 16)
67	ETSI TS 136 171 V15.2.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for Support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 36.171 version 15.2.0 Release 15)
68	ETSI TS 136 171 V16.3.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for Support of Assisted Global Navigation Satellite System (A-GNSS) (3GPP TS 36.171 version 16.3.0 Release 16)
69	ETSI TS 136 307 V13.14.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 13.14.0 Release 13)
70	ETSI TS 136 307 V14.11.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 14.11.0 Release 14)
71	ETSI TS 136 307 V15.8.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 15.8.0 Release 15)
72	ETSI TS 136 307 V16.4.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 36.307 version 16.4.0 Release 16)
73	ETSI TS 136 323 V16.4.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Packet Data Convergence Protocol (PDCP) specification (3GPP TS 36.323 version 16.4.0 Release 16)
74	ETSI TS 136 331 V15.15.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification (3GPP TS 36.331 version 15.15.0 Release 15)
75	ETSI TS 136 331 V16.6.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification (3GPP TS 36.331 version 16.6.0 Release 16)
76	ETSI TS 136 521-2 V16.10.0 (2021-10)	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 16.10.0 Release 16)
77	ETSI TS 136 523-2 V16.10.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 2: Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.523-2 version 16.10.0 Release 16)
78	ETSI TS 136 579-2 V15.1.0 (2021-10)	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 15.1.0 Release 15)
79	ETSI TS 136 579-4 V15.1.0 (2021-10)	LTE; Mission Critical (MC) services over LTE; Part 4: Test Applicability and Implementation Conformance Statement (ICS) proforma specification (3GPP TS 36.579-4 version 15.1.0 Release 15)
80	ETSI TS 136 579-5 V14.4.0 (2021-10)	LTE; Mission Critical (MC) services over LTE; Part 5: Abstract test suite (ATS) (3GPP TS 36.579-5 version 14.4.0 Release 14)
81	ETSI TS 136 579-7 V14.3.0 (2021-10)	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 14.3.0 Release 14)
82	ETSI TR 136 905 V16.7.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Derivation of test points for radio transmission and reception conformance test cases (3GPP TR 36.905 version 16.7.0 Release 16)

83	ETSI TS 137 104 V16.11.0 (2021-10)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception (3GPP TS 37.104 version 16.11.0 Release 16)
84	ETSI TS 137 105 V15.14.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 15.14.0 Release 15)
85	ETSI TS 137 105 V16.9.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Active Antenna System (AAS) Base Station (BS) transmission and reception (3GPP TS 37.105 version 16.9.0 Release 16)
86	ETSI TS 137 141 V16.11.0 (2021-10)	Digital cellular telecommunications system (Phase 2+) (GSM); Universal Mobile Telecommunications System (UMTS); LTE; 5G; NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance testing (3GPP TS 37.141 version 16.11.0 Release 16)
87	ETSI TS 137 145-1 V15.11.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Active Antenna System (AAS) Base Station (BS) conformance testing; Part 1: conducted conformance testing (3GPP TS 37.145-1 version 15.11.0 Release 15)
88	ETSI TS 137 145-1 V16.8.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Active Antenna System (AAS) Base Station (BS) conformance testing; Part 1: conducted conformance testing (3GPP TS 37.145-1 version 16.8.0 Release 16)
89	ETSI TS 137 145-2 V15.12.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Active Antenna System (AAS) Base Station (BS) conformance testing; Part 2: radiated conformance testing (3GPP TS 37.145-2 version 15.12.0 Release 15)
90	ETSI TS 137 145-2 V16.9.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Active Antenna System (AAS) Base Station (BS) conformance testing; Part 2: radiated conformance testing (3GPP TS 37.145-2 version 16.9.0 Release 16)
91	ETSI TS 137 544 V16.2.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA); User Equipment (UE) Over The Air (OTA) performance; Conformance testing (3GPP TS 37.544 version 16.2.0 Release 16)
92	ETSI TS 137 571-2 V16.9.0 (2021-10)	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 16.9.0 Release 16)
93	ETSI TS 137 571-3 V16.9.0 (2021-10)	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 16.9.0 Release 16)
94	ETSI TS 137 571-4 V16.3.0 (2021-10)	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 16.3.0 Release 16)
95	ETSI TS 137 571-5 V16.6.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; User Equipment (UE) conformance specification for UE positioning; Part 5: Test scenarios and assistance data (3GPP TS 37.571-5 version 16.6.0 Release 16)
96	ETSI TR 137 901-5 V16.5.0 (2021-10)	5G; Study on 5G NR User Equipment (UE) application layer data throughput performance (3GPP TR 37.901-5 version 16.5.0 Release 16)
97	ETSI TR 137 941 V15.3.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Radio Frequency (RF) conformance testing background for radiated Base Station (BS) requirements (3GPP TR 37.941 version 15.3.0 Release 15)
98	ETSI TR 137 941 V16.3.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; 5G; Radio Frequency (RF) conformance testing background for radiated Base Station (BS) requirements (3GPP TR 37.941 version 16.3.0 Release 16)
99	ETSI TS 138 212 V15.12.0 (2021-10)	5G; NR; Multiplexing and channel coding (3GPP TS 38.212 version 15.12.0 Release 15)
100	ETSI TS 138 212 V16.7.0 (2021-10)	5G; NR; Multiplexing and channel coding (3GPP TS 38.212 version 16.7.0 Release 16)
101	ETSI TS 138 213 V16.7.0 (2021-10)	5G; NR; Physical layer procedures for control (3GPP TS 38.213 version 16.7.0 Release 16)
102	ETSI TS 138 214 V15.14.0 (2021-10)	5G; NR; Physical layer procedures for data (3GPP TS 38.214 version 15.14.0 Release 15)
103	ETSI TS 138 214 V16.7.0 (2021-10)	5G; NR; Physical layer procedures for data (3GPP TS 38.214 version 16.7.0 Release 16)
104	ETSI TS 138 314 V16.4.0 (2021-10)	5G; NR; Layer 2 measurements (3GPP TS 38.314 version 16.4.0 Release 16)
105	ETSI TS 138 323 V16.5.0 (2021-10)	5G; NR; Packet Data Convergence Protocol (PDCP) specification (3GPP TS 38.323 version 16.5.0 Release 16)
106	ETSI TS 138 331 V15.15.0 (2021-10)	5G; NR; Radio Resource Control (RRC); Protocol specification (3GPP TS 38.331 version 15.15.0 Release 15)
107	ETSI TS 138 331 V16.6.0 (2021-10)	5G; NR; Radio Resource Control (RRC); Protocol specification (3GPP TS 38.331 version 16.6.0 Release 16)

108	ETSI TS 138 509 V16.2.0 (2021-10)	5G; LTE; 5GS; Special conformance testing functions for User Equipment (UE) (3GPP TS 38.509 version 16.2.0 Release 16)
109	ETSI TS 138 523-2 V16.9.0 (2021-10)	5G; LTE; 5GS; User Equipment (UE) conformance specification; Part 2: Applicability of protocol test cases (3GPP TS 38.523-2 version 16.9.0 Release 16)
110	ETSI TS 138 523-3 V16.3.0 (2021-10)	5G; LTE; 5GS; User Equipment (UE) conformance specification; Part 3: Protocol Test Suites (3GPP TS 38.523-3 version 16.3.0 Release 16)
111	ETSI TR 138 903 V16.9.0 (2021-10)	5G; NR; Derivation of test tolerances and measurement uncertainty for User Equipment (UE) conformance test cases (3GPP TR 38.903 version 16.9.0 Release 16)
112	ETSI TS 151 010-2 V13.12.0 (2021-10)	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 13.12.0 Release 13)
113	ETSI EN 302 217-1 V3.3.1 (2021-10)	Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 1: Overview, common characteristics and requirements not related to access to radio spectrum
114	ETSI EN 302 217-2 V3.3.1 (2021-10)	Fixed Radio Systems; Characteristics and requirements for point-to-point equipment and antennas; Part 2: Digital systems operating in frequency bands from 1 GHz to 86 GHz; Harmonised Standard for access to radio spectrum
115	ETSI EN 319 122-1 V1.2.1 (2021-10)	Electronic Signatures and Infrastructures (ESI); CAAdES digital signatures; Part 1: Building blocks and CAAdES baseline signatures
116	ETSI GR NFV-IFA 034 V4.1.1 (2021-10)	Network Functions Virtualisation (NFV) Release 4; Management and Orchestration; Report on Architectural enhancement for VNF License Management support and use of VNF licenses
117	ETSI TS 100 392-3-15 V1.3.1 (2021-10)	Terrestrial Trunked Radio (TETRA); Voice plus Data (V+D); Part 3: Interworking at the Inter-System Interface (ISI); Sub-part 15: Transport layer independent Additional Network Feature, Mobility Management (ANF-ISIMM)
118	ETSI TS 102 412 V16.3.0 (2021-10)	Smart Cards; Smart Card Platform Requirements Stage 1 (Release 16)
119	ETSI TS 103 634 V1.3.1 (2021-10)	Digital Enhanced Cordless Telecommunications (DECT); Low Complexity Communication Codec plus (LC3plus)
120	ETSI TS 103 666-1 V15.8.0 (2021-10)	Smart Secure Platform (SSP); Part 1: General characteristics (Release 15)
121	ETSI TS 103 666-1 V16.4.0 (2021-10)	Smart Secure Platform (SSP); Part 1: General characteristics (Release 16)
122	ETSI TS 103 737 V1.4.1 (2021-10)	Speech and multimedia Transmission Quality (STQ); Transmission requirements for narrowband mobile wireless terminals (handset and headset) from a QoS perspective as perceived by the user
123	ETSI TS 103 739 V1.4.1 (2021-10)	Speech and multimedia Transmission Quality (STQ); Transmission requirements for wideband mobile wireless terminals (handset and headset) from a QoS perspective as perceived by the user
124	ETSI TS 128 541 V16.10.0 (2021-10)	5G; Management and orchestration; 5G Network Resource Model (NRM); Stage 2 and stage 3 (3GPP TS 28.541 version 16.10.0 Release 16)
125	ETSI TS 129 413 V16.3.0 (2021-10)	5G; Application of the NG Application Protocol (NGAP) to non-3GPP access (3GPP TS 29.413 version 16.3.0 Release 16)
126	ETSI TS 134 229-1 V15.9.0 (2021-10)	Universal Mobile Telecommunications System (UMTS); LTE; Internet Protocol (IP) multimedia call control protocol based on Session Initiation Protocol (SIP) and Session Description Protocol (SDP); User Equipment (UE) conformance specification; Part 1: Protocol conformance specification (3GPP TS 34.229-1 version 15.9.0 Release 15)
127	ETSI TS 134 229-2 V15.8.0 (2021-10)	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 15.8.0 Release 15)
128	ETSI TS 134 229-2 V16.0.0 (2021-10)	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 16.0.0 Release 16)
129	ETSI TS 134 229-3 V16.3.0 (2021-10)	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 16.3.0 Release 16)
130	ETSI TS 134 229-5 V15.5.0 (2021-10)	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 15.5.0 Release 15)

131	ETSI TS 134 229-5 V16.0.0 (2021-10)	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 16.0.0 Release 16)
132	ETSI TS 136 211 V15.14.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation (3GPP TS 36.211 version 15.14.0 Release 15)
133	ETSI TS 136 211 V16.7.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation (3GPP TS 36.211 version 16.7.0 Release 16)
134	ETSI TS 136 413 V16.7.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 Application Protocol (S1AP) (3GPP TS 36.413 version 16.7.0 Release 16)
135	ETSI TS 136 579-1 V15.3.1 (2021-10)	LTE; Mission Critical (MC) services over LTE; Part 1: Common test environment (3GPP TS 36.579-1 version 15.3.1 Release 15)
136	ETSI TS 136 579-6 V15.1.0 (2021-10)	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 15.1.0 Release 15)
137	ETSI TS 138 101-1 V15.15.0 (2021-10)	5G; NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 15.15.0 Release 15)
138	ETSI TS 138 101-1 V16.9.0 (2021-10)	5G; NR; User Equipment (UE) radio transmission and reception; Part 1: Range 1 Standalone (3GPP TS 38.101-1 version 16.9.0 Release 16)
139	ETSI TS 138 101-2 V15.15.0 (2021-10)	5G; NR; User Equipment (UE) radio transmission and reception; Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 15.15.0 Release 15)
140	ETSI TS 138 101-2 V16.9.0 (2021-10)	5G; NR; User Equipment (UE) radio transmission and reception; Part 2: Range 2 Standalone (3GPP TS 38.101-2 version 16.9.0 Release 16)
141	ETSI TS 138 101-3 V15.15.0 (2021-10)	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 15.15.0 Release 15)
142	ETSI TS 138 101-3 V16.9.0 (2021-10)	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 16.9.0 Release 16)
143	ETSI TS 138 101-4 V15.11.0 (2021-10)	5G; NR; User Equipment (UE) radio transmission and reception; Part 4: Performance requirements (3GPP TS 38.101-4 version 15.11.0 Release 15)

144	ETSI TS 138 101-4 V16.6.0 (2021-10)	5G; NR; User Equipment (UE) radio transmission and reception; Part 4: Performance requirements (3GPP TS 38.101-4 version 16.6.0 Release 16)
145	ETSI TS 138 104 V15.15.0 (2021-10)	5G; NR; Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 15.15.0 Release 15)
146	ETSI TS 138 104 V16.9.0 (2021-10)	5G; NR; Base Station (BS) radio transmission and reception (3GPP TS 38.104 version 16.9.0 Release 16)
147	ETSI TS 138 141-1 V15.10.0 (2021-10)	5G; NR; Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 15.10.0 Release 15)
148	ETSI TS 138 141-1 V16.9.0 (2021-10)	5G; NR; Base Station (BS) conformance testing Part 1: Conducted conformance testing (3GPP TS 38.141-1 version 16.9.0 Release 16)
149	ETSI TS 138 141-2 V15.11.0 (2021-10)	5G; NR; Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 15.11.0 Release 15)
150	ETSI TS 138 141-2 V16.9.0 (2021-10)	5G; NR; Base Station (BS) conformance testing Part 2: Radiated conformance testing (3GPP TS 38.141-2 version 16.9.0 Release 16)
151	ETSI TS 138 174 V16.4.0 (2021-10)	5G; NR; Integrated Access and Backhaul (IAB) radio transmission and reception (3GPP TS 38.174 version 16.4.0 Release 16)
152	ETSI TS 138 175 V16.3.0 (2021-10)	5G; NR; Integrated Access and Backhaul (IAB) Electromagnetic Compatibility (EMC) (3GPP TS 38.175 version 16.3.0 Release 16)
153	ETSI TS 138 176-1 V16.1.0 (2021-10)	5G; NR; Integrated Access and Backhaul (IAB) conformance testing; Part 1: Conducted conformance testing (3GPP TS 38.176-1 version 16.1.0 Release 16)
154	ETSI TS 138 176-2 V16.1.0 (2021-10)	5G; NR; Integrated Access and Backhaul (IAB) conformance testing; Part 2: Radiated conformance testing (3GPP TS 38.176-2 version 16.1.0 Release 16)
155	ETSI TS 138 307 V15.9.0 (2021-10)	5G; NR; Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 38.307 version 15.9.0 Release 15)
156	ETSI TS 138 307 V16.8.0 (2021-10)	5G; NR; Requirements on User Equipments (UEs) supporting a release-independent frequency band (3GPP TS 38.307 version 16.8.0 Release 16)
157	ETSI TS 138 401 V16.7.0 (2021-10)	5G; NG-RAN; Architecture description (3GPP TS 38.401 version 16.7.0 Release 16)
158	ETSI TS 138 410 V16.4.0 (2021-10)	5G; NG-RAN; NG general aspects and principles (3GPP TS 38.410 version 16.4.0 Release 16)
159	ETSI TS 138 413 V15.13.0 (2021-10)	5G; NG-RAN; NG Application Protocol (NGAP) (3GPP TS 38.413 version 15.13.0 Release 15)
160	ETSI TS 138 413 V16.7.0 (2021-10)	5G; NG-RAN; NG Application Protocol (NGAP) (3GPP TS 38.413 version 16.7.0 Release 16)
161	ETSI TS 138 423 V16.7.0 (2021-10)	5G; NG-RAN; Xn Application Protocol (XnAP) (3GPP TS 38.423 version 16.7.0 Release 16)
162	ETSI TS 138 423 V15.13.0 (2021-10)	5G; NG-RAN; Xn Application Protocol (XnAP) (3GPP TS 38.423 version 15.13.0 Release 15)
163	ETSI TS 138 455 V16.5.0 (2021-10)	5G; NG-RAN; NR Positioning Protocol A (NRPPa) (3GPP TS 38.455 version 16.5.0 Release 16)
164	ETSI TS 138 463 V15.9.0 (2021-10)	5G; NG-RAN; E1 Application Protocol (E1AP) (3GPP TS 38.463 version 15.9.0 Release 15)
165	ETSI TS 138 463 V16.7.0 (2021-10)	5G; NG-RAN; E1 Application Protocol (E1AP) (3GPP TS 38.463 version 16.7.0 Release 16)
166	ETSI TS 138 473 V15.15.0 (2021-10)	5G; NG-RAN; F1 Application Protocol (F1AP) (3GPP TS 38.473 version 15.15.0 Release 15)
167	ETSI TS 138 473 V16.7.0 (2021-10)	5G; NG-RAN; F1 Application Protocol (F1AP) (3GPP TS 38.473 version 16.7.0 Release 16)
168	ETSI GR NFV-EVE 019 V4.1.1 (2021-10)	Network Functions Virtualisation (NFV) Release 4; Architectural Framework; Report on VNF generic OAM functions
169	ETSI TS 102 221 V16.6.0 (2021-10)	Smart Cards; UICC-Terminal interface; Physical and logical characteristics (Release 16)
170	ETSI TS 102 221 V17.0.0 (2021-10)	Smart Cards; UICC-Terminal interface; Physical and logical characteristics (Release 17)
171	ETSI TS 102 613 V16.0.0 (2021-10)	Smart Cards; UICC - Contactless Front-end (CLF) Interface; Physical and data link layer characteristics (Release 16)
172	ETSI TS 103 738 V1.4.1 (2021-10)	Speech and multimedia Transmission Quality (STQ); Transmission requirements for narrowband mobile wireless terminals (hands-free) from a QoS perspective as perceived by the user
173	ETSI TS 103 740 V1.4.1 (2021-10)	Speech and multimedia Transmission Quality (STQ); Transmission requirements for wideband mobile wireless terminals (hands-free) from a QoS perspective as perceived by the user
174	ETSI TS 136 213 V15.15.0 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer procedures (3GPP TS 36.213 version 15.15.0 Release 15)
175	ETSI TS 136 213 V16.7.1 (2021-10)	LTE; Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer procedures (3GPP TS 36.213 version 16.7.1 Release 16)
176	ETSI TS 137 571-1 V16.10.0 (2021-10)	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 16.10.0 Release 16)

177	ETSI TS 138 521-2 V16.9.0 (2021-10)	5G; NR; User Equipment (UE) conformance specification; Radio transmission and reception; Part 2: Range 2 standalone (3GPP TS 38.521-2 version 16.9.0 Release 16)
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