

TS/TR	3GPP Spec. Number	Version at TSG#68	Technical Specifications/Reports(TS/TR) Title	3GPP TSG/ WG	Main Responsibility	ARIB/TTC Standard Number	Release	Comments
TS	25.460	10.0.1	UTRAN luant interface: General aspects and principles	R3	ARIB	ARIB STD-T104-25.460	Rel-10	
TS	25.461	10.3.0	UTRAN luant interface: Layer 1	R3	ARIB	ARIB STD-T104-25.461	Rel-10	
TS	25.462	10.1.0	UTRAN luant interface: Signalling transport	R3	ARIB	ARIB STD-T104-25.462	Rel-10	
TS	25.466	10.3.0	UTRAN luant interface: Application part	R3	ARIB	ARIB STD-T104-25.466	Rel-10	
TS	36.101	10.19.0	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception	R4	ARIB	ARIB STD-T104-36.101	Rel-10	
TS	36.104	10.11.0	Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception	R4	ARIB	ARIB STD-T104-36.104	Rel-10	
TS	36.106	10.7.0	Evolved Universal Terrestrial Radio Access (E-UTRA); FDD repeater radio transmission and reception	R4	N.A.(*)	N.A.(*)	Rel-10	
TS	36.113	10.5.0	Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) and repeater ElectroMagnetic Compatibility (EMC)	R4	ARIB	ARIB STD-T104-36.113	Rel-10	
TS	36.124	10.3.0	Evolved Universal Terrestrial Radio Access (E-UTRA); Electromagnetic compatibility (EMC) requirements for mobile terminals and ancillary equipment	R4	ARIB	ARIB STD-T104-36.124	Rel-10	
TS	36.133	10.19.0	Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for support of radio resource management	R4	ARIB	ARIB STD-T104-36.133	Rel-10	
TS	36.141	10.12.0	Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) conformance testing	R4	ARIB	ARIB STD-T104-36.141	Rel-10	

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TS	36.143	10.7.0	Evolved Universal Terrestrial Radio Access (E-UTRA); FDD repeater conformance testing	R4	N.A.(*)	N.A.(*)	Rel-10	
TS	36.171	10.2.0	Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements for Support of Assisted Global Navigation Satellite System (A-GNSS)	R4	ARIB	ARIB STD-T104-36.171	Rel-10	
TS	36.201	10.0.0	Evolved Universal Terrestrial Radio Access (E-UTRA); LTE physical layer; General description	R1	ARIB	ARIB STD-T104-36.201	Rel-10	
TS	36.211	10.7.0	Evolved Universal Terrestrial Radio Access (E-UTRA); Physical channels and modulation	R1	ARIB	ARIB STD-T104-36.211	Rel-10	
TS	36.212	10.8.0	Evolved Universal Terrestrial Radio Access (E-UTRA); Multiplexing and channel coding	R1	ARIB	ARIB STD-T104-36.212	Rel-10	
TS	36.213	10.13.0	Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer procedures	R1	ARIB	ARIB STD-T104-36.213	Rel-10	
TS	36.214	10.1.0	Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer; Measurements	R1	ARIB	ARIB STD-T104-36.214	Rel-10	
TS	36.216	10.3.1	Evolved Universal Terrestrial Radio Access (E-UTRA); Physical layer for relaying operation	R1	ARIB	ARIB STD-T104-36.216	Rel-10	
TS	36.300	10.12.0	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Overall description; Stage 2	R2	ARIB	ARIB STD-T104-36.300	Rel-10	
TS	36.302	10.6.0	Evolved Universal Terrestrial Radio Access (E-UTRA); Services provided by the physical layer	R2	ARIB	ARIB STD-T104-36.302	Rel-10	
TS	36.304	10.8.0	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) procedures in idle mode	R2	ARIB	ARIB STD-T104-36.304	Rel-10	
TS	36.305	10.5.0	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Stage 2 functional specification of User Equipment (UE) positioning in E-UTRAN	R2	ARIB	ARIB STD-T104-36.305	Rel-10	
TS	36.306	10.13.0	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio access capabilities	R2	ARIB	ARIB STD-T104-36.306	Rel-10	

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TS	36.307	10.15.0	Evolved Universal Terrestrial Radio Access (E-UTRA); Requirements on User Equipments (UEs) supporting a release-independent frequency band	R4	ARIB	ARIB STD-T104-36.307	Rel-10	
TS	36.314	10.2.0	Evolved Universal Terrestrial Radio Access (E-UTRA); Layer 2 - Measurements	R2	ARIB	ARIB STD-T104-36.314	Rel-10	
TS	36.321	10.10.0	Evolved Universal Terrestrial Radio Access (E-UTRA); Medium Access Control (MAC) protocol specification	R2	ARIB	ARIB STD-T104-36.321	Rel-10	
TS	36.322	10.0.0	Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Link Control (RLC) protocol specification	R2	ARIB	ARIB STD-T104-36.322	Rel-10	
TS	36.323	10.3.0	Evolved Universal Terrestrial Radio Access (E-UTRA); Packet Data Convergence Protocol (PDCP) specification	R2	ARIB	ARIB STD-T104-36.323	Rel-10	
TS	36.331	10.17.0	Evolved Universal Terrestrial Radio Access (E-UTRA); Radio Resource Control (RRC); Protocol specification	R2	ARIB	ARIB STD-T104-36.331	Rel-10	
TS	36.355	10.12.0	Evolved Universal Terrestrial Radio Access (E-UTRA); LTE Positioning Protocol (LPP)	R2	ARIB	ARIB STD-T104-36.355	Rel-10	
TS	36.401	10.3.0	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Architecture description	R3	TTC	TS-3GA-36.401(Rel10)	Rel-10	
TS	36.410	10.2.0	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 general aspects and principles	R3	TTC	TS-3GA-36.410(Rel10)	Rel-10	
TS	36.411	10.1.0	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 layer 1	R3	TTC	TS-3GA-36.411(Rel10)	Rel-10	
TS	36.412	10.1.0	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 signalling transport	R3	TTC	TS-3GA-36.412(Rel10)	Rel-10	
TS	36.413	10.9.0	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 Application Protocol (S1AP)	R3	TTC	TS-3GA-36.413(Rel10)	Rel-10	
TS	36.414	10.1.0	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1 data transport	R3	TTC	TS-3GA-36.414(Rel10)	Rel-10	

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TS	36.420	10.2.0	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 general aspects and principles	R3	TTC	TS-3GA-36.420(Rel10)	Rel-10	
TS	36.421	10.0.1	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 layer 1	R3	TTC	TS-3GA-36.421(Rel10)	Rel-10	
TS	36.422	10.1.0	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 signalling transport	R3	TTC	TS-3GA-36.422(Rel10)	Rel-10	
TS	36.423	10.7.0	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 Application Protocol (X2AP)	R3	TTC	TS-3GA-36.423 (Rel10)	Rel-10	
TS	36.424	10.1.0	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); X2 data transport	R3	TTC	TS-3GA-36.424(Rel10)	Rel-10	
TS	36.440	10.2.0	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); General aspects and principles for interfaces supporting Multimedia Broadcast Multicast Service (MBMS) within E-UTRAN	R3	TTC	TS-3GA-36.440(Rel10)	Rel-10	
TS	36.441	10.1.0	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Layer 1 for interfaces supporting Multimedia Broadcast Multicast Service (MBMS) within E-UTRAN	R3	TTC	TS-3GA-36.441(Rel10)	Rel-10	
TS	36.442	10.2.0	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); Signalling Transport for interfaces supporting Multimedia Broadcast Multicast Service (MBMS) within E-UTRAN	R3	TTC	TS-3GA-36.442(Rel10)	Rel-10	
TS	36.443	10.5.0	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); M2 Application Protocol (M2AP)	R3	TTC	TS-3GA-36.443(Rel10)	Rel-10	
TS	36.444	10.4.0	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); M3 Application Protocol (M3AP)	R3	TTC	TS-3GA-36.444(Rel10)	Rel-10	
TS	36.445	10.1.0	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); M1 data transport	R3	TTC	TS-3GA-36.445(Rel10)	Rel-10	
TS	36.455	10.4.0	Evolved Universal Terrestrial Radio Access (E-UTRA); LTE Positioning Protocol A (LPPa)	R3	TTC	TS-3GA-36.455(Rel10)	Rel-10	

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TS	36.508	10.5.0	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); Common test environments for User Equipment (UE) conformance testing	R5	ARIB	ARIB STD-T104-36.508	Rel-10	
TS	36.509	10.3.0	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); Special conformance testing functions for User Equipment (UE)	R5	ARIB	ARIB STD-T104-36.509	Rel-10	
TS	36.521-1	10.6.0	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 1: Conformance testing	R5	ARIB	ARIB STD-T104-36.521-1	Rel-10	
TS	36.521-2	10.6.0	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 2: Implementation Conformance Statement (ICS)	R5	ARIB	ARIB STD-T104-36.521-2	Rel-10	
TS	36.521-3	10.4.0	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) conformance specification; Radio transmission and reception; Part 3: Radio Resource Management (RRM) conformance testing	R5	ARIB	ARIB STD-T104-36.521-3	Rel-10	
TS	36.523-1	10.4.0	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 1: Protocol conformance specification	R5	ARIB	ARIB STD-T104-36.523-1	Rel-10	
TS	36.523-2	10.3.0	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	R5	ARIB	ARIB STD-T104-36.523-2	Rel-10	
TS	36.523-3	10.5.1	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification; Part 3: Test suites	R5	ARIB	ARIB STD-T104-36.523-3	Rel-10	

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TS	37.104	10.13.0	E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmission and reception	R4	N.A.(*)	N.A.(*)	Rel-10	
TS	37.113	10.4.0	E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) Electromagnetic Compatibility (EMC)	R4	N.A.(*)	N.A.(*)	Rel-10	
TS	37.141	10.12.0	E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance testing	R4	N.A.(*)	N.A.(*)	Rel-10	
TS	37.320	10.4.0	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	R2	ARIB	ARIB STD-T104-37.320	Rel-10	
TS	37.571-1	10.7.0	Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 1: Conformance test specification	R5	ARIB	ARIB STD-T104-37.571-1	Rel-10	
TS	37.571-2	10.9.0	Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 2: Protocol conformance	R5	ARIB	ARIB STD-T104-37.571-2	Rel-10	
TS	37.571-3	10.7.0	Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 3: Implementation Conformance Statement (ICS)	R5	ARIB	ARIB STD-T104-37.571-3	Rel-10	
TS	37.571-4	10.9.0	Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 4: Test suites	R5	ARIB	ARIB STD-T104-37.571-4	Rel-10	

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TS	37.571-5	10.10.0	Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA) and Evolved Packet Core (EPC); User Equipment (UE) conformance specification for UE positioning; Part 5: Test scenarios and assistance data	R5	ARIB	ARIB STD-T104-37.571-5	Rel-10	