

Government of India
Ministry of Communications
Department of Telecommunications
Telecommunication Engineering Centre
Khurshid Lal Bhawan, Janpath, New Delhi 110001.

Dated 20-01-2022

“Notice for Inviting Public Comments”

Sub: Adoption of TSDSI’s 3GPP specifications (Release 10 to Release 16) related to LTE-Advanced corresponding to ITU – R M.2012 Rev. 5 standard into national standards by Telecommunications Engineering Centre (TEC) – Inviting the public comments thereupon

Telecommunications Engineering Centre (TEC), Department of Telecommunication (DOT) has approved a policy for adoption of standards of Telecom Standards Development Society, India (TSDSI)/international standards bodies. “Standardisation Guide” – a policy document for adoption of telecom and related ICT standards defines the process of adoption/ratification of TSDSI/international standards like institutional mechanism, process of adoption, maintenance of standards, numbering plan, stakeholder consultation etc (Refer the Standardization Guide-<https://www.tec.gov.in/pdf/M2M/Standardisation%20guide.pdf>).

Telecom Standards Advisory Committee (TSAC) – a Standing apex committee under the chairmanship of DDG (Standardisation), TEC has decided to initiate the process of adoption of TSDSI transposed 3GPP specifications (Release 10 to Release 16) related to LTE-Advanced corresponding to ITU – R M.2012 Rev. 5 standard into National Standards in its meeting held on 13th Jan 2022.

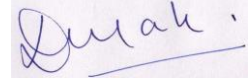
As a next step in adoption process of 3GPP specifications (Release 10 to Release 16) related to LTE-Advanced corresponding to ITU – R M.2012 Rev. 5 standard, all the stakeholders are requested to offer their comments on the TSDSI transposed document. The details in this regard are as given below:

S. No	Item	Description
i.	Adoption of Standards	Seeking public comments on TSDSI’s 3GPP specifications (Release 10 to Release 16) related to LTE-Advanced corresponding to ITU – R M.2012 Rev. 5 standard
ii.	Division	Standardisation Division

iii.	Date of Release	20 January 2022
iv.	Date of Closing	18 Feb 2022
v.	Comments to be mailed to	dirsted.tec-dot@gov.in
vi	Document	Document links given in attached Annexures

All the stakeholders are requested to mail their comments by 18.02.2022 at dirsted.tec-dot@gov.in / adgs.tec-dot@gov.in. It may be kept into consideration while offering the comments that only technical content or the amendments affecting the technical content of standard shall be open for public comments, as per Para 6.2.4 of the Standardisation Guide.

For any query or clarification, please contact dirsted.tec-dot@gov.in / adgs.tec-dot@gov.in



(Deepak Pathak)
Director (Std.)

Telecommunication Engineer Centre
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To,

- i) Director (IT), TEC to host the documents on TEC website
- ii) Director (IT), DOT to host the documents on DoT website
- iii) DG, TSDSI to host the documents on TSDSI website

289	2.14.23	36.459	Evolved Universal Terrestrial Radio Access Network (E-UTRAN); S1-M interface Application Protocol	Release 16	16.0.0	TSDSI STD T1.3GPP 36.459-16.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/Wp660t6rFw9VM1
290	2.14.24	36.461	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw layer	Release 13	13.0.0	TSDSI STD T1.3GPP 36.461-13.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/BYd9Jd0nMLMMwMb0
291	2.14.24	36.461	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw layer	Release 14	14.0.0	TSDSI STD T1.3GPP 36.461-14.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/SAN8m6FFw50sG3
292	2.14.24	36.462	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw layer	Release 14	14.0.0	TSDSI STD T1.3GPP 36.462-14.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/yY91973H9c8q
293	2.14.24	36.462	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw layer	Release 16	16.0.0	TSDSI STD T1.3GPP 36.462-16.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/GC72k7z2E7D
294	2.14.25	36.462	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw layer	Release 13	13.0.0	TSDSI STD T1.3GPP 36.462-13.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/92zQw5KbkiCV5S
295	2.14.25	36.462	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw layer	Release 14	14.0.0	TSDSI STD T1.3GPP 36.462-14.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/8Rr2xvde65538
296	2.14.25	36.462	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw layer	Release 15	15.0.0	TSDSI STD T1.3GPP 36.462-15.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/H9U9a32A4Aq2
297	2.14.25	36.462	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw layer	Release 16	16.0.0	TSDSI STD T1.3GPP 36.462-16.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/C7zWwYtK44FzH2
298	2.14.26	36.463	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw layer	Release 13	13.0.0	TSDSI STD T1.3GPP 36.463-13.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/SABm8mFFw50sG3
299	2.14.26	36.463	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw layer	Release 14	14.0.0	TSDSI STD T1.3GPP 36.463-14.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/91Y1973H9c8q
300	2.14.26	36.463	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw layer	Release 15	15.0.0	TSDSI STD T1.3GPP 36.463-15.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/AMfemkcmqDwpe
301	2.14.26	36.463	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless LAN (WLAN); Xw layer	Release 16	16.0.0	TSDSI STD T1.3GPP 36.463-16.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/LdD7FbrrtH48A
302	2.14.27	36.464	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless Local Area Network (WLAN)	Release 13	13.0.0	TSDSI STD T1.3GPP 36.464-13.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/BY8286h6tLDtD
303	2.14.27	36.464	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless Local Area Network (WLAN)	Release 14	14.0.0	TSDSI STD T1.3GPP 36.464-14.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/8k6CvGLS888b6
304	2.14.27	36.464	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless Local Area Network (WLAN)	Release 15	15.0.0	TSDSI STD T1.3GPP 36.464-15.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/WuW07Wz35xk4A80
305	2.14.27	36.464	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless Local Area Network (WLAN)	Release 16	16.0.0	TSDSI STD T1.3GPP 36.464-16.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/yY91973H9c8q
306	2.14.28	36.465	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless Local Area Network (WLAN)	Release 13	13.0.0	TSDSI STD T1.3GPP 36.465-13.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/AqJd0tD87e48A
307	2.14.28	36.465	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless Local Area Network (WLAN)	Release 14	14.0.0	TSDSI STD T1.3GPP 36.465-14.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/4SWU1ms5Dy78A
308	2.14.28	36.465	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless Local Area Network (WLAN)	Release 15	15.0.0	TSDSI STD T1.3GPP 36.465-15.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/E48R8tXALN5tD
309	2.14.28	36.465	Evolved Universal Terrestrial Radio Access Network (E-UTRAN) and Wireless Local Area Network (WLAN)	Release 16	16.0.0	TSDSI STD T1.3GPP 36.465-16.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/y9g3Zk7oXq4A80
310	2.14.29	37.460	Interface: General aspects and principles	Release 10	10.0.0	TSDSI STD T1.3GPP 37.460-10.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/R28k4yKXmAgPE
311	2.14.29	37.460	Interface: General aspects and principles	Release 11	11.0.0	TSDSI STD T1.3GPP 37.460-11.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/d9f224E5Q9qYK
312	2.14.29	37.460	Interface: General aspects and principles	Release 12	12.0.0	TSDSI STD T1.3GPP 37.460-12.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/S6k5Wk9A8fHFH
313	2.14.29	37.460	Interface: General aspects and principles	Release 13	13.0.0	TSDSI STD T1.3GPP 37.460-13.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/B0WjKXmAgPE
314	2.14.29	37.460	Interface: General aspects and principles	Release 14	14.0.0	TSDSI STD T1.3GPP 37.460-14.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/5E5PA51772A56
315	2.14.29	37.460	Interface: General aspects and principles	Release 15	15.0.0	TSDSI STD T1.3GPP 37.460-15.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/C35DorKxmfPeeM
316	2.14.29	37.460	Interface: General aspects and principles	Release 16	16.0.0	TSDSI STD T1.3GPP 37.460-16.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/34H2T38W9AqRm2
317	2.14.30	37.461	Interface: Layer 1	Release 11	11.0.0	TSDSI STD T1.3GPP 37.461-11.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/RW0hYk7T87M
318	2.14.30	37.461	Interface: Layer 1	Release 12	12.0.0	TSDSI STD T1.3GPP 37.461-12.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/3m13BtBWVMz9qz
319	2.14.30	37.461	Interface: Layer 1	Release 13	13.0.0	TSDSI STD T1.3GPP 37.461-13.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/27d4nqA8PN2ZPb
320	2.14.30	37.461	Interface: Layer 1	Release 14	14.0.0	TSDSI STD T1.3GPP 37.461-14.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/40q6378eQ2VM9
321	2.14.30	37.461	Interface: Layer 1	Release 15	15.0.0	TSDSI STD T1.3GPP 37.461-15.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/D0GMNbtb7D2D28B
322	2.14.30	37.461	Interface: Layer 1	Release 16	16.0.0	TSDSI STD T1.3GPP 37.461-16.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/qkMk2Q2G4G48
323	2.14.30	37.461	Interface: Layer 1	Release 10	10.0.0	TSDSI STD T1.3GPP 37.461-10.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/4E48H9t9MzG28
324	2.14.31	37.462	Interface: Signalling transport	Release 10	10.0.0	TSDSI STD T1.3GPP 37.462-10.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/2e63kwdw8fPqD
325	2.14.31	37.462	Interface: Signalling transport	Release 11	11.0.0	TSDSI STD T1.3GPP 37.462-11.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/HHdnm1P7QjDwD
326	2.14.31	37.462	Interface: Signalling transport	Release 12	12.0.0	TSDSI STD T1.3GPP 37.462-12.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/KgM1Ro8W34Q9
327	2.14.31	37.462	Interface: Signalling transport	Release 13	13.0.0	TSDSI STD T1.3GPP 37.462-13.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/Tq7kwi7TqCACR0K
328	2.14.31	37.462	Interface: Signalling transport	Release 14	14.0.0	TSDSI STD T1.3GPP 37.462-14.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/rf8g3o4a9eZk5
329	2.14.31	37.462	Interface: Signalling transport	Release 15	15.0.0	TSDSI STD T1.3GPP 37.462-15.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/WN0QJ0cJmF7YK
330	2.14.31	37.462	Interface: Signalling transport	Release 16	16.0.0	TSDSI STD T1.3GPP 37.462-16.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/30h3Gu9Gj2m28
331	2.14.32	37.466	Interface: Application part	Release 10	10.0.0	TSDSI STD T1.3GPP 37.466-10.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/RMj0P7fHNSf7p
332	2.14.32	37.466	Interface: Application part	Release 11	11.0.0	TSDSI STD T1.3GPP 37.466-11.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/7e2WjWzL2XmBoG
333	2.14.32	37.466	Interface: Application part	Release 12	12.0.0	TSDSI STD T1.3GPP 37.466-12.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/PW91dwtV05eZtJ
334	2.14.32	37.466	Interface: Application part	Release 13	13.0.0	TSDSI STD T1.3GPP 37.466-13.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/9C05EvXn8GqkTz
335	2.14.32	37.466	Interface: Application part	Release 14	14.0.0	TSDSI STD T1.3GPP 37.466-14.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/qZv2m5dY7fYgA
336	2.14.32	37.466	Interface: Application part	Release 15	15.0.0	TSDSI STD T1.3GPP 37.466-15.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/4E48H9t9MzG28
337	2.14.32	37.466	Interface: Application part	Release 16	16.0.0	TSDSI STD T1.3GPP 37.466-16.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/4E48H9t9MzG28
338	2.14.33	25.446	MBMS synchronization protocol (SYNC)	Release 10	10.0.0	TSDSI STD T1.3GPP 25.446-10.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/KD0KvC5gnfH3H1
339	2.14.33	25.446	MBMS synchronization protocol (SYNC)	Release 11	11.0.0	TSDSI STD T1.3GPP 25.446-11.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/4E48H9t9MzG28
340	2.14.33	25.446	MBMS synchronization protocol (SYNC)	Release 12	12.0.0	TSDSI STD T1.3GPP 25.446-12.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/K4E8mAnN6GK6Q
341	2.14.33	25.446	MBMS synchronization protocol (SYNC)	Release 13	13.0.0	TSDSI STD T1.3GPP 25.446-13.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/gWdQDPka9wGz6
342	2.14.33	25.446	MBMS synchronization protocol (SYNC)	Release 14	14.0.0	TSDSI STD T1.3GPP 25.446-14.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/3GPR2124
343	2.14.33	25.446	MBMS synchronization protocol (SYNC)	Release 15	15.0.0	TSDSI STD T1.3GPP 25.446-15.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/ljyVfPMlY2tzn3S8
344	2.14.33	25.446	MBMS synchronization protocol (SYNC)	Release 16	16.0.0	TSDSI STD T1.3GPP 25.446-16.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/wd050588b1b4880
345	2.15.1	36.101	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception	Release 10	10.2.0	TSDSI STD T1.3GPP 36.101-10.2.0 V1.1.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/Lt8kx72At5fS
346	2.15.1	36.101	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception	Release 11	11.2.0	TSDSI STD T1.3GPP 36.101-11.2.0 V1.1.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/Hn8zA2QAtATI
347	2.15.1	36.101	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception	Release 12	12.2.0	TSDSI STD T1.3GPP 36.101-12.2.0 V1.1.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/Rd8W70Ym7W48
348	2.15.1	36.101	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception	Release 13	13.2.0	TSDSI STD T1.3GPP 36.101-13.2.0 V1.1.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/4E48H9t9MzG28
349	2.15.1	36.101	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception	Release 14	14.2.0	TSDSI STD T1.3GPP 36.101-14.2.0 V1.1.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/cxaxa31344E5YfP
350	2.15.1	36.101	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception	Release 15	15.2.0	TSDSI STD T1.3GPP 36.101-15.2.0 V1.1.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/L0d86E8M5wA06
351	2.15.1	36.101	Evolved Universal Terrestrial Radio Access (E-UTRA); User Equipment (UE) radio transmission and reception	Release 16	16.2.0	TSDSI STD T1.3GPP 36.101-16.2.0 V1.1.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/1N6x5EmE472dY8
352	2.15.2	36.104	Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception	Release 10	10.3.0	TSDSI STD T1.3GPP 36.104-10.3.0 V1.1.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/nEMRtARf9orPwE
353	2.15.2	36.104	Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception	Release 11	11.3.0	TSDSI STD T1.3GPP 36.104-11.3.0 V1.1.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/2M6M6Az6B8qM6G
354	2.15.2	36.104	Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception	Release 12	12.3.0	TSDSI STD T1.3GPP 36.104-12.3.0 V1.1.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/Wk0h3DZ2fYK
355	2.15.2	36.104	Evolved Universal Terrestrial Radio Access (E-UTRA); Base Station (BS) radio transmission and reception	Release 13	13.3.0	TSDSI STD T1.3GPP 36.1			

434	2.1.5.14	36.307	Evolved Universal Terrestrial Radio Access (E-UTRA): Requirements on User Equipments (UE) sup	Release 12	12,070	TSDS1 STD T 3GPP 36.307-12.070 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/77Np5Wp4mNKR
435	2.1.5.14	36.307	Evolved Universal Terrestrial Radio Access (E-UTRA): Requirements on User Equipments (UE) sup	Release 13	13,120	TSDS1 STD T 3GPP 36.307-13.120 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/goonHf8DzTPT0w
436	2.1.5.14	36.307	Evolved Universal Terrestrial Radio Access (E-UTRA): Requirements on User Equipments (UE) sup	Release 14	14,200	TSDS1 STD T 3GPP 36.307-14.0 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/3204Wk6BsdKf83
437	2.1.5.14	36.307	Evolved Universal Terrestrial Radio Access (E-UTRA): Requirements on User Equipments (UE) sup	Release 15	15,310	TSDS1 STD T 3GPP 36.307-15.310 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/20286245Wm4Cn4G
438	2.1.5.14	36.307	Evolved Universal Terrestrial Radio Access (E-UTRA): Requirements on User Equipments (UE) sup	Release 16	16,200	TSDS1 STD T 3GPP 36.307-16.2 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/4H5ST4KCN4G
439	2.1.5.15	37.104	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmissio	Release 10	10,440	TSDS1 STD T 3GPP 37.104-10.440 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/IDbrc32692Zy2s
440	2.1.5.15	37.104	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmissio	Release 11	11,140	TSDS1 STD T 3GPP 37.104-11.140 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/IN285270v41Cv
441	2.1.5.15	37.104	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmissio	Release 12	12,130	TSDS1 STD T 3GPP 37.104-12.130 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/P8hEhEwt43kx
442	2.1.5.15	37.104	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmissio	Release 13	13,800	TSDS1 STD T 3GPP 37.104-13.800 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/35KwKMPPZw7w
443	2.1.5.15	37.104	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmissio	Release 14	14,600	TSDS1 STD T 3GPP 37.104-14.600 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/3284Wk6BsdKf83
444	2.1.5.15	37.104	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmissio	Release 15	15,110	TSDS1 STD T 3GPP 37.104-15.110 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/20286245Wm4Cn4G
445	2.1.5.15	37.104	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) radio transmissio	Release 16	16,000	TSDS1 STD T 3GPP 37.104-16.0 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/4EWPp91Y00xH
446	2.1.5.16	37.105	Active Antenna System (AAS) Base Station (BS) transmission and reception	Release 13	13,600	TSDS1 STD T 3GPP 37.105-13.600 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/EQH4q4kPHg50aE6
447	2.1.5.16	37.105	Active Antenna System (AAS) Base Station (BS) transmission and reception	Release 14	14,600	TSDS1 STD T 3GPP 37.105-14.600 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/5n5YF5Gac8h77
448	2.1.5.16	37.105	Active Antenna System (AAS) Base Station (BS) transmission and reception	Release 15	15,900	TSDS1 STD T 3GPP 37.105-15.900 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/CWb0h7h98gRtR
449	2.1.5.16	37.105	Active Antenna System (AAS) Base Station (BS) transmission and reception	Release 16	16,400	TSDS1 STD T 3GPP 37.105-16.400 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/IDbrc32692Zy2s
450	2.1.5.17	37.113	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) Electromagnetic	Release 10	10,930	TSDS1 STD T 3GPP 37.113-10.0 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/40IT1T0Kv3P8C9p
451	2.1.5.17	37.113	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) Electromagnetic	Release 11	11,400	TSDS1 STD T 3GPP 37.113-11.0 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/WTBt0Wt0Wt0Wt0W
452	2.1.5.17	37.113	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) Electromagnetic	Release 12	12,400	TSDS1 STD T 3GPP 37.113-12.0 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/3300uXq4yP3QD
453	2.1.5.17	37.113	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) Electromagnetic	Release 13	13,400	TSDS1 STD T 3GPP 37.113-13.0 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/13Kx4d4rTF8Ee
454	2.1.5.17	37.113	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) Electromagnetic	Release 14	14,200	TSDS1 STD T 3GPP 37.113-14.0 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/PXF858w02y6G
455	2.1.5.17	37.113	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) Electromagnetic	Release 15	15,900	TSDS1 STD T 3GPP 37.113-15.0 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/35042kMcWmN1C3G
456	2.1.5.17	37.113	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) Electromagnetic	Release 16	16,000	TSDS1 STD T 3GPP 37.113-16.0 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/40IT1T0Kv3P8C9p
457	2.1.5.18	37.114	Active Antenna System (AAS) Base Station (BS) Electromagnetic Compatibility (EMC)	Release 13	13,300	TSDS1 STD T 3GPP 37.114-13.0 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/IDbrc32692Zy2s
458	2.1.5.18	37.114	Active Antenna System (AAS) Base Station (BS) Electromagnetic Compatibility (EMC)	Release 14	14,100	TSDS1 STD T 3GPP 37.114-14.0 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/4y3n1Me6h6t6t
459	2.1.5.18	37.114	Active Antenna System (AAS) Base Station (BS) Electromagnetic Compatibility (EMC)	Release 15	15,900	TSDS1 STD T 3GPP 37.114-15.0 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/IDbrc32692Zy2s
460	2.1.5.18	37.114	Active Antenna System (AAS) Base Station (BS) Electromagnetic Compatibility (EMC)	Release 16	16,000	TSDS1 STD T 3GPP 37.114-16.0 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/c61555W4dKsgs
461	2.1.5.19	37.141	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance test	Release 10	10,140	TSDS1 STD T 3GPP 37.141-10.140 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/4e6C4f4F4F4F4
462	2.1.5.19	37.141	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance test	Release 11	11,100	TSDS1 STD T 3GPP 37.141-11.100 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/3284Wk6BsdKf83
463	2.1.5.19	37.141	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance test	Release 12	12,130	TSDS1 STD T 3GPP 37.141-12.130 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/68B9t8kH8Zk1Z
464	2.1.5.19	37.141	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance test	Release 13	13,130	TSDS1 STD T 3GPP 37.141-13.130 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/6Aw46N9zCRP4D
465	2.1.5.19	37.141	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance test	Release 14	14,110	TSDS1 STD T 3GPP 37.141-14.110 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/5L302K25m5STPaN
466	2.1.5.19	37.141	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance test	Release 15	15,110	TSDS1 STD T 3GPP 37.141-15.110 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/14w8tKbCk0e10
467	2.1.5.19	37.141	NR, E-UTRA, UTRA and GSM/EDGE; Multi-Standard Radio (MSR) Base Station (BS) conformance test	Release 16	16,600	TSDS1 STD T 3GPP 37.141-16.600 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/N1X72z7Q4h64H
468	2.1.5.20	37.144	User Equipment (UE) and Mobile Station (MS) GSM, UTRA and E-UTRA over the air performance re	Release 13	13,000	TSDS1 STD T 3GPP 37.144-13.0 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/3284Wk6BsdKf83
469	2.1.5.20	37.144	User Equipment (UE) and Mobile Station (MS) GSM, UTRA and E-UTRA over the air performance re	Release 14	14,700	TSDS1 STD T 3GPP 37.144-14.700 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/40IT1T0Kv3P8C9p
470	2.1.5.20	37.144	User Equipment (UE) and Mobile Station (MS) GSM, UTRA and E-UTRA over the air performance re	Release 15	15,000	TSDS1 STD T 3GPP 37.144-15.0 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/n7cWChY9B5S5L
471	2.1.5.20	37.144	User Equipment (UE) and Mobile Station (MS) GSM, UTRA and E-UTRA over the air performance re	Release 16	16,000	TSDS1 STD T 3GPP 37.144-16.0 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/5S757FZe2yXz2
472	2.1.5.21	37.145-2	Active Antenna System (AAS) Base Station (BS) conformance testing, Part 1: conducted conforma	Release 13	13,100	TSDS1 STD T 3GPP 37.145-13.100 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/555V7dYrT3yX2
473	2.1.5.21	37.145-1	Active Antenna System (AAS) Base Station (BS) conformance testing, Part 1: conducted conforma	Release 14	14,800	TSDS1 STD T 3GPP 37.145-14.800 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/gpp7GD4dY2EDD
474	2.1.5.21	37.145-1	Active Antenna System (AAS) Base Station (BS) conformance testing, Part 1: conducted conforma	Release 15	15,700	TSDS1 STD T 3GPP 37.145-15.700 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/3284Wk6BsdKf83
475	2.1.5.21	37.145-2	Active Antenna System (AAS) Base Station (BS) conformance testing, Part 2: radiated conforma	Release 13	13,100	TSDS1 STD T 3GPP 37.145-13.100 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/68B9t8kH8Zk1Z
476	2.1.5.22	37.145-2	Active Antenna System (AAS) Base Station (BS) conformance testing, Part 2: radiated conforma	Release 13	13,100	TSDS1 STD T 3GPP 37.145-13.100 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/314wKw5Sc09z8
477	2.1.5.22	37.145-2	Active Antenna System (AAS) Base Station (BS) conformance testing, Part 2: radiated conforma	Release 14	14,100	TSDS1 STD T 3GPP 37.145-14.100 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/1AaG05w5C0cP2
478	2.1.5.22	37.145-2	Active Antenna System (AAS) Base Station (BS) conformance testing, Part 2: radiated conforma	Release 15	15,700	TSDS1 STD T 3GPP 37.145-15.700 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/8wX2E4sM5B86
479	2.1.5.22	37.145-2	Active Antenna System (AAS) Base Station (BS) conformance testing, Part 2: radiated conforma	Release 16	16,400	TSDS1 STD T 3GPP 37.145-16.400 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/7m5Y25Qc4Yy2D
480	2.1.5.23	37.171	Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA): User Equipment (UE) perf	Release 13	13,300	TSDS1 STD T 3GPP 37.171-13.0 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/7Jf5D7Jm7Sd5d
481	2.1.5.23	37.171	Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA): User Equipment (UE) perf	Release 14	14,600	TSDS1 STD T 3GPP 37.171-14.0 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/3284Wk6BsdKf83
482	2.1.5.23	37.171	Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA): User Equipment (UE) perf	Release 15	15,300	TSDS1 STD T 3GPP 37.171-15.300 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/TfCD10T9wRk1C
483	2.1.5.23	37.171	Universal Terrestrial Radio Access (UTRA) and Evolved UTRA (E-UTRA): User Equipment (UE) perf	Release 16	16,000	TSDS1 STD T 3GPP 37.171-16.0 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/4v6MkFt8HQx0B
484	2.1.6.1	36.508	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC): Common test	Release 10	10,500	TSDS1 STD T 3GPP 36.508-10.500 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/AAcS4Ev6d3h7AyZ
485	2.1.6.1	36.508	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC): Common test	Release 11	11,400	TSDS1 STD T 3GPP 36.508-11.400 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/BA0tRe3AA8z5a3
486	2.1.6.1	36.508	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC): Common test	Release 12	12,100	TSDS1 STD T 3GPP 36.508-12.100 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/14w8tKbCk0e10
487	2.1.6.1	36.508	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC): Common test	Release 13	13,100	TSDS1 STD T 3GPP 36.508-13.100 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/3284Wk6BsdKf83
488	2.1.6.1	36.508	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC): Common test	Release 14	14,500	TSDS1 STD T 3GPP 36.508-14.500 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/WH9K0zCz5Bk0
489	2.1.6.1	36.508	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC): Common test	Release 15	15,600	TSDS1 STD T 3GPP 36.508-15.600 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/4e6C4f4F4F4F4
490	2.1.6.1	36.508	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC): Common test	Release 16	16,500	TSDS1 STD T 3GPP 36.508-16.500 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/14w8tKbCk0e10
491	2.1.6.2	36.509	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC): Special conform	Release 11	11,000	TSDS1 STD T 3GPP 36.509-11.000 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/3284Wk6BsdKf83
492	2.1.6.2	36.509	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC): Special conform	Release 12	12,000	TSDS1 STD T 3GPP 36.509-12.000 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/3284Wk6BsdKf83
493	2.1.6.2	36.509	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC): Special conform	Release 13	13,000	TSDS1 STD T 3GPP 36.509-13.000 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/14w8tKbCk0e10
494	2.1.6.2	36.509	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC): Special conform	Release 14	14,700	TSDS1 STD T 3GPP 36.509-14.700 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/555V7dYrT3yX2
495	2.1.6.2	36.509	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC): Special conform	Release 15	15,300	TSDS1 STD T 3GPP 36.509-15.300 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/3284Wk6BsdKf83
496	2.1.6.2	36.509	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC): Special conform	Release 16	16,000	TSDS1 STD T 3GPP 36.509-16.000 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/14w8tKbCk0e10
497	2.1.6.2	36.509	Evolved Universal Terrestrial Radio Access (E-UTRA) and Evolved Packet Core (EPC): Special conform	Release 16	16,000	TSDS1 STD T 3GPP 36.509-16.000 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/555V7dYrT3yX2
498	2.1.6.3	36.521-1	Evolved Universal Terrestrial Radio Access (E-UTRA): User Equipment (UE) conformance specificat	Release 10	10,600	TSDS1 STD T 3GPP 36.521-1-10.600 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/314wKw5Sc09z8
499	2.1.6.3	36.521-1	Evolved Universal Terrestrial Radio Access (E-UTRA): User Equipment (UE) conformance specificat	Release 11	11,400	TSDS1 STD T 3GPP 36.521-1-11.400 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/314wKw5Sc09z8
500	2.1.6.3	36.521-1	Evolved Universal Terrestrial Radio Access (E-UTRA): User Equipment (UE) conformance specificat	Release 12	12,900	TSDS1 STD T 3GPP 36.521-1-12.900 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/314wKw5Sc09z8
501	2.1.6.3	36.521-1	Evolved Universal Terrestrial Radio Access (E-UTRA): User Equipment (UE) conformance specificat	Release 13	13,400	TSDS1 STD T 3GPP 36.521-1-13.400 V1.0	Published	30.08.2021	https://members.tsdn.com/index.php/s/dKkL5y5ShE22Zw8
502	2.1.6.3	36.521-1	Evolved Universal Terrestrial Radio Access (E-UTRA): User Equipment (UE) conformance specificat	Release 14	14,600	TSDS1 STD T 3GPP			

579	2.1.6.20	37.571-4	User Equipment (UE) conformance specification for UE positioning; Part 4: Test suites	Release 13	13.5.0	TSDSI STD T1.3GPP 37.571-4-13.5.0 V1.1.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/Gd298g8ME6P8iZY
580	2.1.6.20	37.571-4	User Equipment (UE) conformance specification for UE positioning; Part 4: Test suites	Release 14	14.5.0	TSDSI STD T1.3GPP 37.571-4-14.5.0 V1.1.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/738oEPrKz2iXdTr
581	2.1.6.20	37.571-4	User Equipment (UE) conformance specification for UE positioning; Part 4: Test suites	Release 15	15.5.0	TSDSI STD T1.3GPP 37.571-4-15.5.0 V1.1.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/Sz2vAoTRfTMGQ
582	2.1.6.20	37.571-4	User Equipment (UE) conformance specification for UE positioning; Part 4: Test suites	Release 16	16.0.0	TSDSI STD T1.3GPP 37.571-4-16.0.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/SEWhMbz2i468v
583	2.1.6.21	37.571-5	User Equipment (UE) conformance specification for UE positioning; Part 5: Test scenarios and assis	Release 10	10.1.0	TSDSI STD T1.3GPP 37.571-5-10.1.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/P63DTNqAwadkirk
584	2.1.6.21	37.571-5	User Equipment (UE) conformance specification for UE positioning; Part 5: Test scenarios and assis	Release 11	11.1.0	TSDSI STD T1.3GPP 37.571-5-11.1.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/fnyPXTXmE0ahtu5
585	2.1.6.21	37.571-5	User Equipment (UE) conformance specification for UE positioning; Part 5: Test scenarios and assis	Release 12	12.7.0	TSDSI STD T1.3GPP 37.571-5-12.7.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/63P4nFFF5s196Fb
586	2.1.6.21	37.571-5	User Equipment (UE) conformance specification for UE positioning; Part 5: Test scenarios and assis	Release 13	13.3.0	TSDSI STD T1.3GPP 37.571-5-13.3.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/bQCragMb6gG1Tao
587	2.1.6.21	37.571-5	User Equipment (UE) conformance specification for UE positioning; Part 5: Test scenarios and assis	Release 14	14.3.0	TSDSI STD T1.3GPP 37.571-5-14.3.0 V1.1.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/738v6GBID72w99y
588	2.1.6.21	37.571-5	User Equipment (UE) conformance specification for UE positioning; Part 5: Test scenarios and assis	Release 15	15.6.0	TSDSI STD T1.3GPP 37.571-5-15.6.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/71zaw4En4m2azrn
589	2.1.6.21	37.571-5	User Equipment (UE) conformance specification for UE positioning; Part 5: Test scenarios and assis	Release 16	16.3.0	TSDSI STD T1.3GPP 37.571-5-16.3.0 V1.0.0	Published	30.08.2021	https://members.tdsi.in/index.php/s/qaw9hpsWSqJsmE1