



NOTIFICATION

The following notification is being circulated in accordance with Article 10.6.

1. Notifying Member: <u>Brazil</u> If applicable, name of local government involved (Articles 3.2 and 7.2):
2. Agency responsible: National Telecommunications Agency - ANATEL Name and address (including telephone and fax numbers, email and website addresses, if available) of agency or authority designated to handle comments regarding the notification shall be indicated if different from above: National Institute of Metrology, Quality and Technology (INMETRO) Telephone: +(55) 21 2145.3817 Email: barreirastecnicas@inmetro.gov.br Web-site: www.inmetro.gov.br/barreirastecnicas
3. Notified under Article 2.9.2 [x], 2.10.1 [], 5.6.2 [X], 5.7.1 [], other:
4. Products covered (HS or CCCN where applicable, otherwise national tariff heading. ICS numbers may be provided in addition, where applicable): HS 85 ICS 33. Telecommunication equipment
5. Title, number of pages and language(s) of the notified document: Public Consultation 38, 26 July 2021. Language(s): Portuguese. Number of pages: 1
6. Description of content: Public Consultation to update the requirements for technical conformity assessment of terminal access station The text of Public Consultation can be downloaded only in Portuguese at: https://sei.anatel.gov.br/sei/modulos/pesquisa/md_pesq_documento_consulta_externa.php?eEP-wqk1skrd8hSlk5Z3rN4EVg9uLJqrLYJw_9INcO6apnVPRDSi5FILHwoMXQ_c3PAMtoPBZG8d-hu3bi64wN-AVs0uFYHD7UIkrz_lnGQexXcnDDXL2bwBm5wTpNfI Comments can be made at: https://sistemas.anatel.gov.br/SACP/Contribuicoes/ListaConsultasContribuicoes.asp?Tipo=1&Opcao=andamento&SISQsmodulo=1442 Selecting Public consultation No 38/2021
7. Objective and rationale, including the nature of urgent problems where applicable: Quality requirements. Wireless communications have been more relevant to each generation of technologies. Advances in wireless telecommunications currently allow access to information in various locations, boosting economic activities, making work and education processes more flexible, and facilitating communication between people. In Brazil there are currently about 242 million mobile access subscriptions. With the increase in new technologies, services and equipment offered to consumers, the number of

devices connected to the network tends to grow.

The implementation of fifth generation (5G) mobile networks with minimum requirements for quality, security and interoperability is essential to meet this growing demand, as they have the capacity to absorb millions of devices operating at high data transmission rates (theoretically tens of times higher than 4G networks) and with low latency (theoretically tens of times lower than 4G network).

These characteristics make 5G networks an important vector of social and economic transformation, as they facilitate accessibility, expand coverage areas and allow the dissemination of services that are currently not viable in fourth generation (4G) or lower networks, such as: industry 4.0, intelligent transport systems (ITS) and smart cities.

5G FR2 networks allow the operation of equipment with wider transmission bands, up to 400 MHz, for use in applications that require high data transmission rates, such as: virtual reality, augmented reality, fixed broadband wireless accesses, 4K video transmission, etc.

Since the current requirements for ETA conformity assessment cover only equipment operating in FR1, it is necessary to conduct a Public Consultation containing proposal to update the requirements in order to include the test parameters for equipment operating in millimeter waves (FR2).

Considering that each release of 3GPP standards new functionalities are implemented to 5G networks and the requirements and testing procedures are improved, it is also proposed to update the version of the normative references of the requirements for the latest version of release 16 of the 3GPP standards.

The adoption of the latest version of such standards will also allow the inclusion of important certification tests for the evaluation of equipment operating in FR1 that was not included in the previously published requirements, as such tests were still incomplete in the description of version 16.3.0 of the 3GPP standard.

- 8. Relevant documents:** 01) Brazilian Official Gazette 140, on 27 July 2021, section 1, page 12 02) SEI process number 53500.016402/2021-94 3) Informe No. 22/2021/ORCN/SOR 4) Act No. 3.151, 12 June 2020

<https://www.in.gov.br/web/dou/-/consulta-publica-n-38-de-26-de-julho-de-2021-334570254>

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- 9. Proposed date of adoption:** To be defined
Proposed date of entry into force: To be defined

- 10. Final date for comments:** 24 September 2021

- 11. Texts available from: National enquiry point [X] or address, telephone and fax numbers and email and website addresses, if available, of other body:**

Full text available at:

https://sei.anatel.gov.br/sei/modulos/pesquisa/md_pesq_documento_consulta_externa.php?eEP-wqk1skrd8hSlk5Z3rN4EVg9uLJqrLYJw_9INcO6apnVPRDSi5FILHwoMXQ_c3PAMtoPBZG8d-

[hu3bi64wN-AVs0uFYHD7UIkrz_InGQexXcnDDXL2bwBm5wTpNfi](https://www.inmetro.gov.br/portal/verificar/verificar.asp?hu3bi64wN-AVs0uFYHD7UIkrz_InGQexXcnDDXL2bwBm5wTpNfi)

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Comments should be sent to the Brazilian TBT Enquiry Point (barreirastecnicas@inmetro.gov.br) and copied to certificacao@anatel.gov.br

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