

Government of India
Telecommunication Engineering Centre
Department of Telecommunications
Gate No. 5, Khurshid Lal Bhawan, Janpath, New Delhi – 110001.
(MRA Division)

No. 5-2/2020-MRA/TEC

Dated: 14.10.2021

To,


All Designated CABs

Subject: Non-Compliances & discrepancies in lab test Results observed during evaluation of MTCTE cases

MTCTE has been launched in various phases and products are being tested and certified under this scheme. RTECs are involved in evaluation of test reports of products tested by TEC designated CABs or ILAC/NABL accredited labs which are uploaded on MTCTE portal for certification. During the evaluation of these reports, many non-compliances/ discrepancies are being observed by RTEC Evaluators.

2. In order to reduce these errors and non-compliances by applicant OEMs and Test Labs/CABs and with a view of facilitating them, many initiatives have been taken by TEC/RTEC as mentioned below:

- (i) The 'Guidelines for OEMs/Test Labs' have been issued and made available on MTCTE portal for their easy understanding and providing them more clarity while uploading the test results on portal
- (ii) The submission of Test Report Summary has been made mandatory along with test reports. The summary must clearly mention the ER Clause No., Parameter Name, Standard Name, Values/Limits, Lab Test Result and must be summarized Pass/Fail/Not Applicable as per the test results and the applicability of parameter against each ER parameter
- (iii) FAQs about MTCTE procedure have also been made available on MTCTE portal.

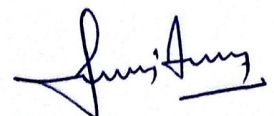


3. It has been observed that even after taking these initiatives and continuous persuasion with test labs, still many discrepancies are being observed by RTEC Evaluators in the Test Reports/Test Report Summary leading to delay in evaluation of test reports and many a times result in rejection of the case.

4. RTEC-NR Division of TEC during evaluation of test reports has observed certain non-compliances, which are stated as below:

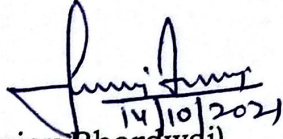
- (a) The values mentioned in the Test Report Summary differ from the actual value obtained in the test results misleading the evaluation.
- (b) Exemption Grant Letter from TC Division is not uploaded against the exempted parameter.
- (c) Lab Accreditation and scope for the parameters for which the product has been tested are not made available.
- (d) The products are not tested fully for all the interfaces available in the products. Many a times, the parameters are not tested/not complied to the limits as mentioned in ER/ Annexures.
- (e) In EMI/EMC testing for conducted and radiated emission, CISPER 32 Radiated emission for all frequencies are not complied with its limit. The Immunity to Surges (IEC 61000-4-5) line to ground test are not performed for telecom ports.
- (f) In Wi-Fi interfaces tests, the Non-Applicability Certificate are not submitted for the Frequency Bands which are not available in the product.
- (g) In Switch Fabric Throughput capability OLT test, the test report are not supported by Throughput value corroboration with data sheet provided by chipset vendor.
- (h) Dual IP Layer operation RFC 4213/IPv4 Parameters Set-A/IPv6 Extn Header Parameters tests are not conducted mentioning these as Not-applicable. These tests are mandatory and must have to be conducted as per ER.
- (i) In 1/10 GE Opt. Interface parameters, the test are not conducted for all ranges i.e. LR, SR & ER as specified in ER standards.

5. In reference to the above mentioned non-compliances, all TEC designated CABs are advised to be very careful and attentive while conducting the Product testing strictly as per the standard mentioned in the ERs, prepare Test Report Summary carefully and upload it on MTCTE Portal along with test results and



all other relevant documents. This will help in evaluation of test reports in the defined timelines and will make MTCTE evaluation process smooth and efficient.

6. This is issued with the approval of Competent Authority.


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