

No. 6-18/2018-NR/TEC(Pt.)/30

Date : 05.10.2021

Office Memorandum

Subject: Test parameters pertaining to IPv6/ Dual Stack in PON ER No. TEC14762108- Reg.

The following Test parameters pertaining to IPv6/ Dual Stack in PON ER No. TEC14762108 are put on hold with immediate effect till further orders-

S. No.	Parameters Name	ER Clause No. from PON Family of Broadband Equipment ER (ER No. : TEC14762108)		
		PON ONT	PON ONU	PON OLT
1	Dual IP Layer Operation RFC 4213 - Decapsulation	Clause No. 1.1.2	Clause No. 2.1.4	Clause No. 3.1.2
2	Dual IP Layer Operation RFC 4213 - Link-Local Addresses	Clause No. 1.1.4	Clause No. 2.1.5	Clause No. 3.1.4
3	Dual IP Layer Operation RFC 4213 - Neighbor Discovery over Tunnels	Clause No. 1.1.5	Clause No. 2.1.6	Clause No. 3.1.5
4	Dual IP Layer Operation RFC 4213 - Security Considerations	Clause No. 1.1.6	Clause No. 2.1.7	Clause No. 3.1.6
5	Dual IP Layer Operation RFC 4213 - Static Tunnel MTU	Clause No. 1.1.7	Clause No. 2.1.8	Clause No. 3.1.7
6	IPV6 Destination Options Header	Clause No. 1.1.16	Clause No. 2.1.17	Clause No. 3.1.16
7	IPV6 Extension Header Order	Clause No. 1.1.17	Clause No. 2.1.18	Clause No. 3.1.17
8	IPV6 Fragment Header	Clause No. 1.1.19	Clause No. 2.1.20	Clause No. 3.1.19
9	IPV6 Upper-No Next Header	Clause No. 1.1.20	Clause No. 2.1.21	Clause No. 3.1.20
10	IPV6 Options	Clause No. 1.1.21	Clause No. 2.1.22	Clause No. 3.1.21
11	IPV6 Packet Size Issues	Clause No. 1.1.22	Clause No. 2.1.23	Clause No. 3.1.22
12	IPV6 Responding to Packets Carrying Routing Headers	Clause No. 1.1.23	Clause No. 2.1.24	Clause No. 3.1.23
13	IPV6 Routing Header	Clause No. 1.1.24	Clause No. 2.1.25	Clause No. 3.1.24
14	IPV6 Upper-Layer Checksums	Clause No. 1.1.25	Clause No. 2.1.26	Clause No. 3.1.25

This issue with the approval of competent authority.

Ashish Tayal
05/10/21
Ashish Tayal
Director (TC-II)
TEC, New Delhi

Copy to (Through email):

1. Sr. DDG, TEC, New Delhi for information please.
2. All DDGs, RTEC.
3. DDG (MRA), TEC for sharing with TEC designated CABs please.