

Dear Sir/Madam,

Please see updated comments to include a clearer reference to Power over HDBaseT.

Test Method – Draft 3.0

Line 55: USB is mentioned as a DC power source. USB , as it is noted in the document itself in line 57, cannot supply more than 15W. The document should include a section on Power over Ethernet and Power over HDBaseT, stating.

Proposal for Section 5 c)

C) Low-voltage Dc Input Power:

- 1) Products may be powered with a low-voltage dc source (e.g., via network or data connection) only if the dc source is the only available source of power for the product (i.e., no ac plug or External Power Supply (EPS) is available).
- 2) Products powered by low-voltage dc shall be configured with an ac source of the dc power for testing (e.g., an ac-powered Universal Serial Bus (USB) hub, a Power over Ethernet (PoE) Midspan Injector or a Power over HDBaseT (PoH) Midspan Injector).
- 3) In case a USB hub power adapter is used it must have the following attributes:
 - a) Voltage Rating: 5 V
 - b) Current Range: 2 A to 3 A
- 4) In case a PoE Midspan injector is used it must be compliant with IEEE802.3at, with the following attributes:
 - a) Voltage Range: 44V to 57V for Type 1 PoE Midspans; 50V to 57V for Type 2 PoE Midspans
 - b) Current Range: Up to 350mA for Type 1 PoE Midspans; up to 600mA for Type 2 PoE Midspans
 - c) Type 2 PoE Midspans supporting collocation of PoE interfaces shall support up to 600mA current on each interface
- 5) In case a PoH Midspan injector is used it must be compliant with HDBaseT version 1.75 or later, with the following attributes:
 - a) Voltage Range: 44V to 57V for Type 1 PoH Midspans; 50V to 57V for Type 2 or Type 3 PoH Midspans
 - b) Current Range: Up to 350mA for Type 1 PoH Midspans; up to 600mA for Type 2 PoH Midspans; up to 950mA for Type 3 PoH Midspans
 - c) Type 2 Twin Midspans shall support up to 600mA current on each PSE interface
 - d) Type 3 Twin Midspans shall support up to 950mA current on each PSE interface
- 6) Power for the unit under test (UUT) shall include the following, as measured per Section 6.3 of this method:
 - a) Ac power consumption of the low-voltage dc source with the UUT as the load (P_L).
 - b) Ac power consumption of the low-voltage dc source with no load (P_S).

Regards,
Daniel