

USB4 2.0 ENGINEERING CHANGE NOTICE FORM

Title: Changes in tTxOff

Applied to: USB4 Specification Version 2.0

Brief description of the functional changes:
Reducing the minimum value of tTxOff to 0 also in Gen 4.

Benefits as a result of the changes:
No need to require higher value since Re-timer/Router will have enough time to decode part of the 126 CL_OFF Ordered Sets to turn off its receiver.

An assessment of the impact to the existing revision and systems that currently conform to the USB specification:
None.

An analysis of the hardware implications:
None.

An analysis of the software implications:
None.

An analysis of the compliance testing implications:
None.

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Actual Change

(a). Table 4-72

To Text:

Parameter	Description	Min	Max	Units
tTxOff	Time between sending the last CL_OFF Ordered Set and shutting off the transmitters of a requesting USB4 Port when entering a CLx state- or as part of Gen 4 Asymmetric Link Transitions.	-- 0 (Gen 2/3) 50 (Gen 4)	100 (Gen 2/3) 150 (Gen 4)	ns