

USB4 2.0 ENGINEERING CHANGE NOTICE FORM

Title: SET_RX_COMPLIANCE Operation Data for Re-timer
Applied to: USB4 Specification Version 2.0

Brief description of the functional changes:

Change the description of the Data returned from a Re-timer when SET_RX_COMPLIANCE is received.

Benefits as a result of the changes:

Indicating a more accurate state of the Re-timer.

An assessment of the impact to the existing revision and systems that currently conform to the USB specification:
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Re-timers should respond when ready to Clock Switch instead of SSC which is almost the same.
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An analysis of the hardware implications:
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None

An analysis of the software implications:
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None

An analysis of the compliance testing implications:
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None

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Actual Change

(a). Table 8-67 - SET_RX_COMPLIANCE Operation Data (Gen 4 Link Only)

To Text:

DW	Bit(s)	Field Name and Description
0	3:0	Receiver State – This field contains a status of the receiver state: 000b: Receiver is not ready for PAM3 001b: Receiver is ready for PAM3 010b: <u>For Router:</u> Receiver is ready for SSC activation <u>For Re-timer:</u> <u>Re-timer is ready for Clock Switch</u> All other values are reserved
	31:4	Reserved