USB 3.2 ENGINEERING CHANGE NOTICE

Title: BLR JTF - Jitter Gain limit change Applied to: USB 3.2_r1.0 Sep. 22, 2017

Brief description of the functional changes:

Bit-level re-timers which use the recovered clock from the input data stream as the input clock for the transmitter can pass on low frequency jitter, which can in turn result in accumulation of excessive low frequency jitter in systems with

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Actual Change

(a). From Text: Table E-3

Table E-3. Bit-Level Re-timer Jitter Transfer Function Requirements

Term	Gen 1x1	Notes
Jitter Gain for f<500kHz	0.1dB (max)	Normative requirement.
Jitter Gain for f>500kHz	0.0dB (max)	Normative requirement.

(a). To Text: Table E-3

Table E-3. Bit-Level Re-timer Jitter Transfer Function Requirements

Term	Gen 1x1	Notes
Jitter Gain for f<500kHz	0.15dB (max)	Normative requirement.
Jitter Gain for f>500kHz	0.0dB (max)	Normative requirement.