



802.3cb Proposed Draft Commentary

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Preliminaries

- Proposed Draft text in
 - Wu_3cb_02_0516.pdf – 2.5GBBASE-KX PMD CL128.7
 - Wu_3cb_03_0516.pdf – 5GBBASE-KR PMD CL130.7
 - Wu_3cb_04_0516.pdf – ANNEXT 128.B and C
 - Wu_3cb_05_0516.pdf – ANNEX 130 B and C
- Original Text
 - Both CL128.7 and CL130.7 were modified from, CL72.7
 - Both ANNEX 128B and C, and ANNEXT 130 B and C were modified from ANNEX 69A and B respectively.
- The texts were copied out from Frame maker file and pdf, then edited in MS word, the word files were transferred to Editors.

Clause 128.7

2.5GBASE-KX electrical characteristics

CL128.7 2.5GBASE-KX electrical characteristics

- ▶ Followed the structure of CL72.7
- ▶ Modified Transmitter and Receiver electrical characteristics for 2.5GBASE-KX
- ▶ Removed the text related to TX equalization and training because there is none
- ▶ Changed the transmitter output waveform diagram and simplified for none TX EQ and removed xx.7.1.11
- ▶ Only 1 TEST is need at Receiver interference tolerance.

Clause 130.7

5GBASE-KR electrical characteristics

CL130.7 5GBASE-KR electrical characteristics

- ▶ Followed the structure of CL72.7
- ▶ Modified Transmitter and Receiver electrical characteristics for 5GBASE-KR
- ▶ Removed the text related to TX equalization training because there is none
- ▶ Changed the transmitter output waveform diagram and simplified for only one pre-cursor tap TX EQ and simplified the requirement of transmitter waveform.

Annex 128B

Interference tolerance testing

Annex 128B Interference tolerance testing

- ▶ Normative
- ▶ Followed the structure of Annex 69A
- ▶ Modified test and test setup for 2.5GBASE-KX
- ▶ Removed the text related to TX equalization and training because there is none
- ▶ Modified the test setup – removal of the RX->TX path for TX training

Annex 128C

Interconnect characteristics

Annex 128C Interconnect characteristics

- ▶ Informative
- ▶ Followed the structure of Annex 69B
- ▶ Modified requirement for 2.5GBASE-KX
- ▶ The limit line have been chosen to fit the interested channels –
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Annex 130B

Interference tolerance testing

Annex 130B Interference tolerance testing

- ▶ Normative
- ▶ Followed the structure of Annex 69A
- ▶ Modified test and test setup for 5GBASE-KR
- ▶ Removed the text related to training because there is none
- ▶ Simplified the text because the only precursor is used in TXEQ
- ▶ Modified the test setup – removal of the RX->TX path for TX training

Annex 130C

Interconnect characteristics

Annex 130C Interconnect characteristics

- ▶ Informative
- ▶ Followed the structure of Annex 69B
- ▶ Modified requirement for 5GBASE-KR
- ▶ The limit line have been chosen to fit the interested channels –
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Recommendation

- ▶ Recommend that taskforce adopt these into draft.
 - wu_3cb_02_0516.pdf
 - wu_3cb_03_0516.pdf
 - wu_3cb_04_0516.pdf
 - wu_3cb_05_0516.pdf

THANK YOU