

File comments_1-May-2019.csv 4th Sponsor recirculation ballot comments

Cl 73 SC 73.6.4 P 47 L 50 # r04-1
 Anslow, Peter Ciena Corporation

Comment Type E Comment Status A

Comment r03-3 against D3.3 found in:
http://www.ieee802.org/3/cb/comments/IEEE_P802p3cb_D3p3_Cmt_Resolution_by_ID--20180312_2147.pdf
 asked: 'Should the inserted rows be underlined?' with suggested remedy: 'Consider underling the rows for 5GBASE-KR and 2.5GBASE-KX.'

The answer to the question should have been:
 'No. The editing instruction associated with these two rows of the table is "Insert", which as set out on page 24 of the draft (and also by the IEEE-SA Standards Style Manual) does not use underline font.'

SuggestedRemedy

Remove the underline from the rows for 5GBASE-KR and 2.5GBASE-KX in Table 73-4. If no other changes are being made to the draft, this could be done via a request to the IEEE publication editor.

Response Response Status C
 ACCEPT.

Cl 127 SC 127.3.4 P 93 L 20 # r04-2
 Smith, Daniel Seagate Technology L

Comment Type T Comment Status A

In further response to comment r02-42, PRBS9 can be defined to allow proper use in subclause 128A.3.1.5 for the Transmitter output noise and distortion measurement. Defining the pattern under 127.3.4.1 will sufficiently cover the definition of PRBS9 in this instance.

SuggestedRemedy

Create a new sub clause 127.3.4.1, placed after the last paragraph of 127.3.4:
 127.3.4.1 PMA PRBS9 test pattern (optional)

The PMA may optionally generate a PRBS9 test pattern in the transmit direction.

The ability to generate the test pattern is indicated by the PRBS9_Tx_generator_ability status variable, which, if a Clause 45 MDIO is implemented, is accessible through bit 1.1500.5 (see 45.2.1.140).

If supported, when send Tx PRBS9 test-pattern mode is enabled by the PRBS9_enable and PRBS_Tx_gen_enable control variables, the PMA shall generate a PRBS9 pattern (as defined in footnote a of Table 68-6) toward the service interface below the PMA via the PMA_UNITDATA.request primitive. If a Clause 45 MDIO is implemented, the PRBS9_enable and PRBS_Tx_gen_enable control variables are accessible through bits 1.1501.6 and 1.1501.3 (see 45.2.1.141). When send Tx PRBS9 test-pattern mode is disabled, the PMA returns to normal operation.

Note that PRBS9 is intended to be checked by external test gear, and no PRBS9 checking function is provided within the PMA.

Add 45.2.1.140 to the draft with the following content:

45.2.1.140 Test-pattern ability (Register 1.1500)

Change the first paragraph as follows:

The test-pattern ability register is used for PHY types that implement SSPRQ, square wave, and PRBS testing in the PMA. These functions are described in 127.3.4.1, 83.5.10, and 120.5.11. The assignment of bits in the test-pattern ability register is shown in Table 45-105.

Response Response Status C
 ACCEPT.