P802.3ck D1.5 Technical Gap

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Introduction

❖ While implementing Draft 1.5, the editorial team identified one technical gap that should be addressed.

❖ In Clause 163, the specification for channel COM was accidentally deleted in Draft 1.3.

❖ There was no comment to remove the COM specification.

❖ We are seeking approval from the 802.3ck task force to address this error.

History

Draft 1.2 showing COM specification.

163.10 Channel characteristics

The Channel Operating Margin (COM) is computed using the procedure in 93A.1 with the values in Table 163–10, where T_r is **TBD** ps for $H_t(f)$ as used in Equation (93A–19). COM shall be greater than or equal to 3 dB.

Draft 1.4 showing missing COM specification

163.10 Channel characteristics

163.10.1 Channel operating margin

The Channel Operating Margin (COM) is computed using the procedure in 93A.1 with the values in Table 163–10, where T_r is 7.5 ps for $H_t(f)$ as used in Equation (93A–19).

Draft 1.3 clean and compare files showing deletion of COM specification.

163.10 Channel characteristics

163.10.1 Channel operating margin

The Channel Operating Margin (COM) is computed using the procedure in 93A.1 with the values in Table 163–11, where T_r is 7.5 ps for $H_t(f)$ as used in Equation (93A–19).

163.10 Channel characteristics

163.10.1 Channel operating margin

The Channel Operating Margin (COM) is computed using the procedure in 93A.1 with the values in Table 163–14, where T_r is ~~TBD~~ 7.5 ps for $H_t(f)$ as used in Equation (93A–19). ~~COM shall be greater than or equal to 3 dB.~~

Proposed Draft 1.5 clean and compare with COM specification restored (same as in Draft 1.2).

163.10.1 Channel operating margin

The Channel Operating Margin (COM) is computed using the procedure in 93A.1 with the values in Table 163–10, where T_r is 7.5 ps for $H_t(f)$ as used in Equation (93A–19). COM shall be greater than or equal to 3 dB.

163.10.1 Channel operating margin

The Channel Operating Margin (COM) is computed using the procedure in ~~93A.1~~ 93A.1 with the values in Table 163–10, where T_r is 7.5 ps for $H_t(f)$ as used in Equation (93A–19). COM shall be greater or equal to 3 dB.

Proposal

❖ In Draft 1.5, restore the channel COM specification in subclause 163.10.1 as it was written in Draft 1.2 and as proposed on the previous slide.

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