
802.3by 25 Gb/s Task Group Draft 0.1 MTF ICN TBD Berlin, Germany 2015

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Purpose

- Provide value for TBD
 - 110B.1.3.6 Mated test fixtures integrated crosstalk noise

110B.1.3.6 Mated test fixtures integrated crosstalk noise

The integrated crosstalk noise voltage for the disturber near-end crosstalk loss determined according to the method in this subclause shall meet the specification in Table 110B-1.

Table 110B-1—Mated test fixtures integrated crosstalk noise

Parameter	25GBASE-CR	Units
NEXT integrated crosstalk noise voltage	Less than TBD	mV

MTF-ICN

- ICN calculations from measured results <.9 mV (MCB-TD-MCB-RD or HCB-TD-HCB-RD).

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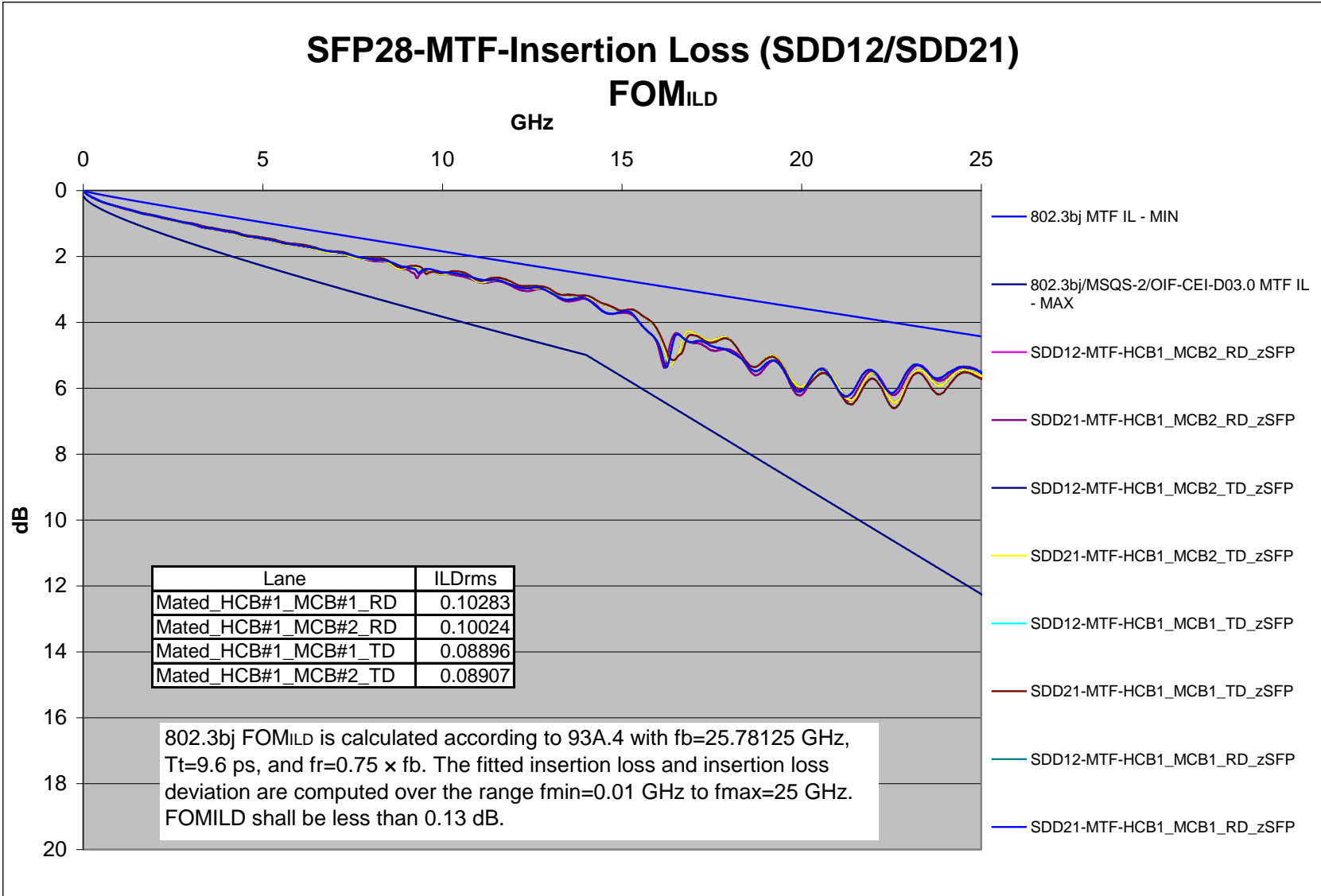
Table 110B-1—Mated test fixtures integrated crosstalk noise

Parameter	25GBASE-CR	Units
NEXT integrated crosstalk noise voltage	Less than TBD	mV

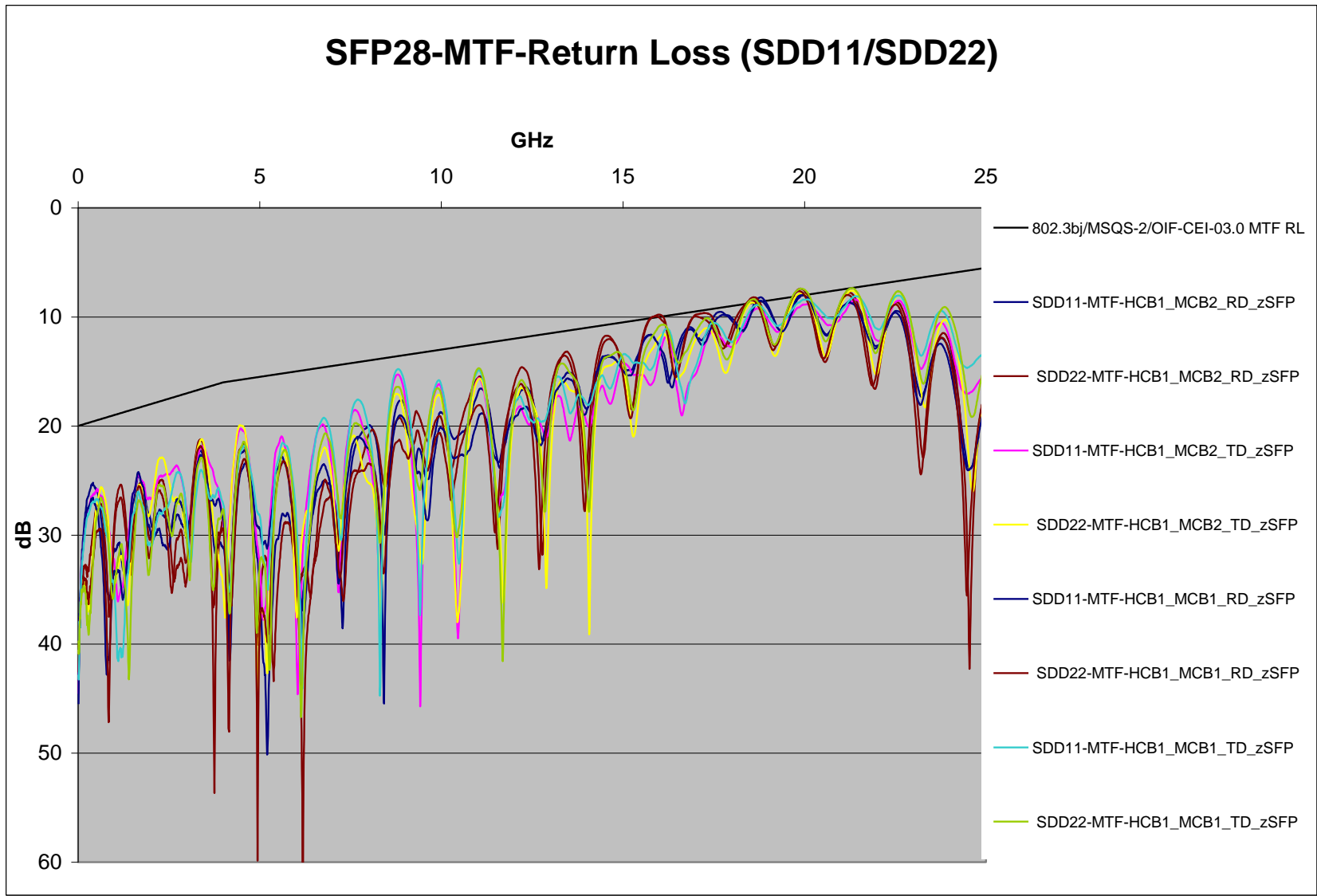
- Propose less than 1.2 mV for NEXT ICN TBD in Table 110B-1

Backup

SFP28 - Mated Test Fixtures – Insertion loss

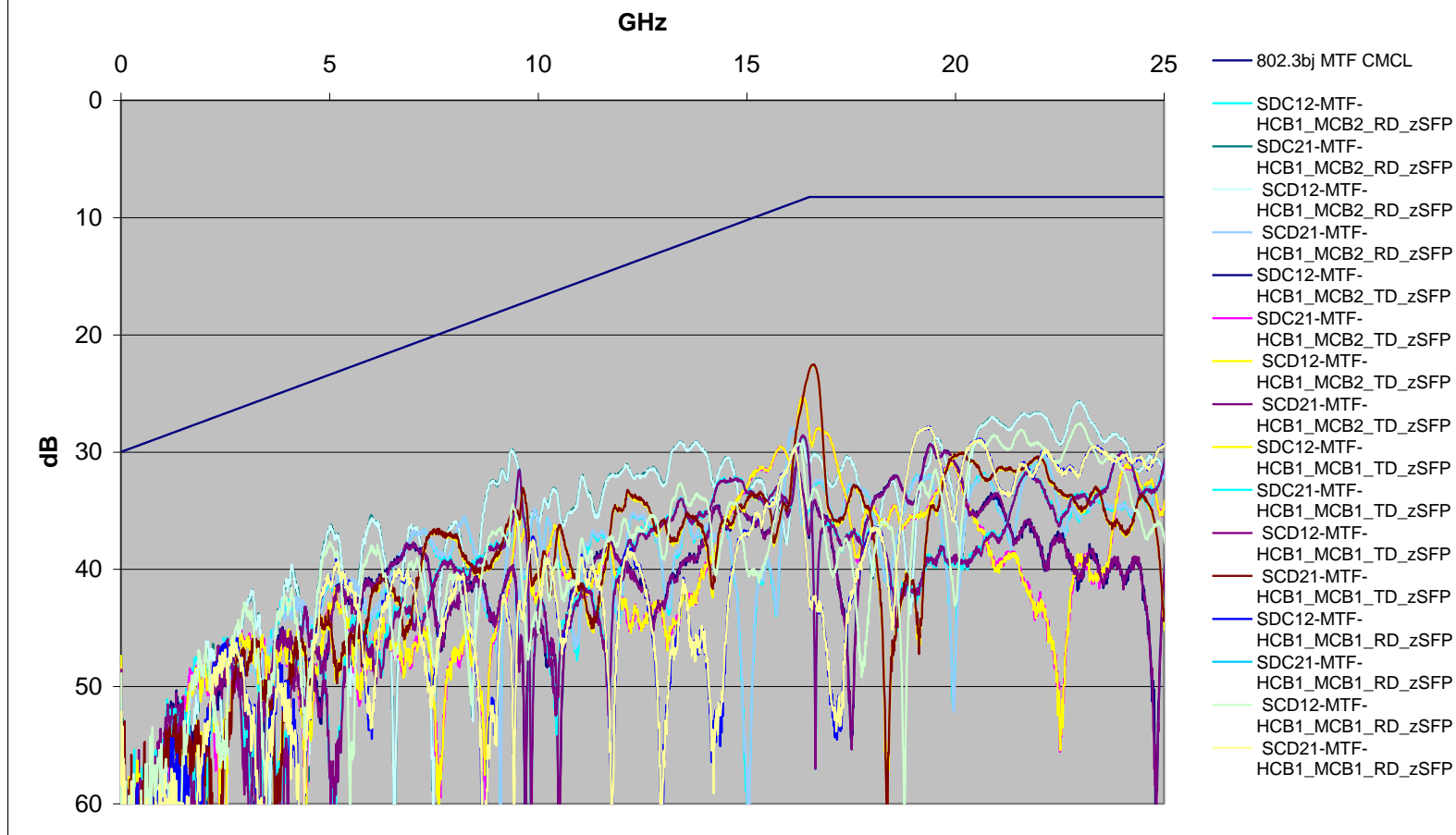


SFP28 - Mated Test Fixtures – Return loss



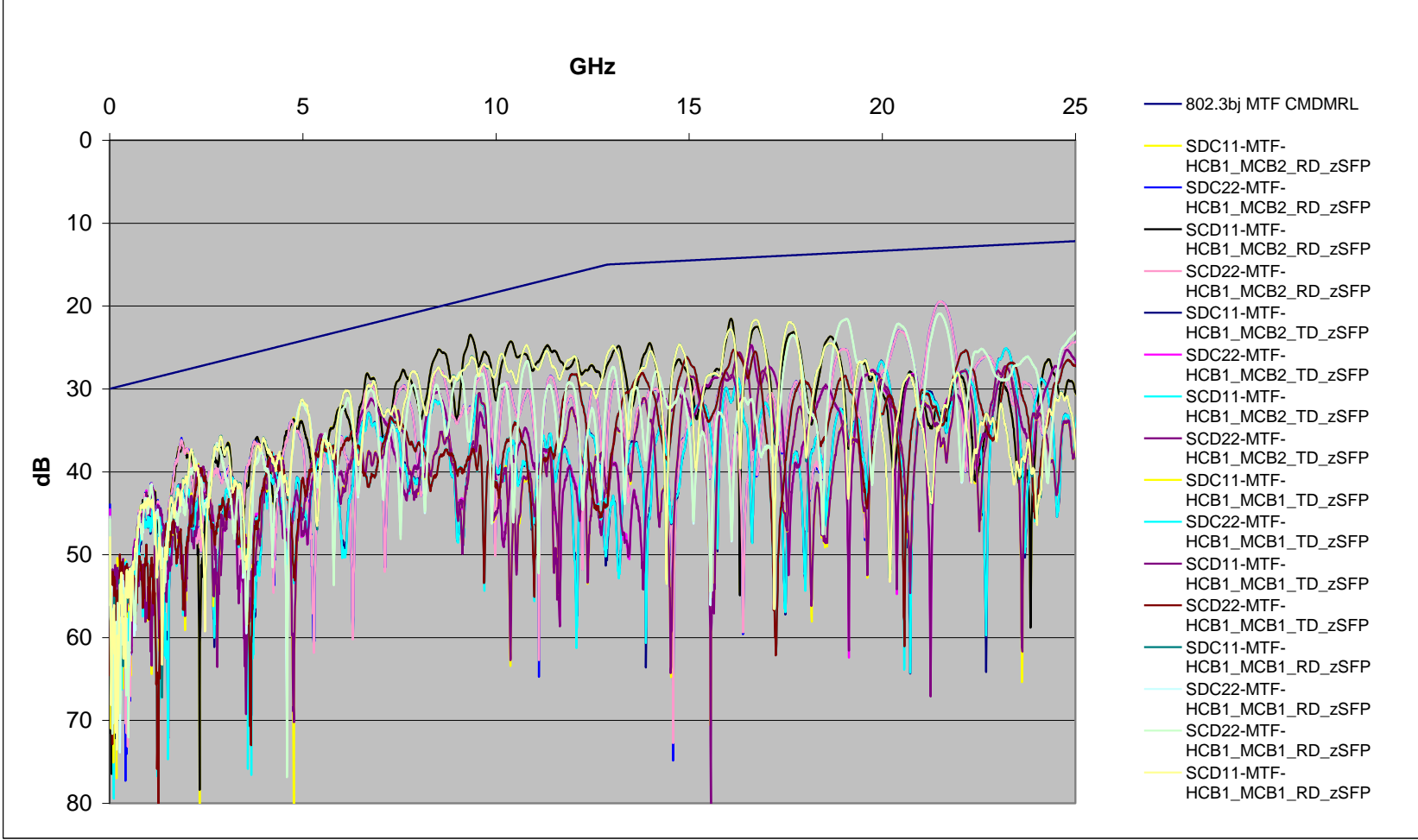
SFP28-MTF- Common mode conversion insertion loss

SFP28-MTF-Common mode conversion insertion loss (SCD12/SCD21/SDC12/SDC21)



SFP28 - MTF-Common mode conversion return loss

SFP28-MTF-Common mode conversion return loss (SCD11/SCD22/SDC11/SDC22)



SFP28 - MTF – Common mode return loss

