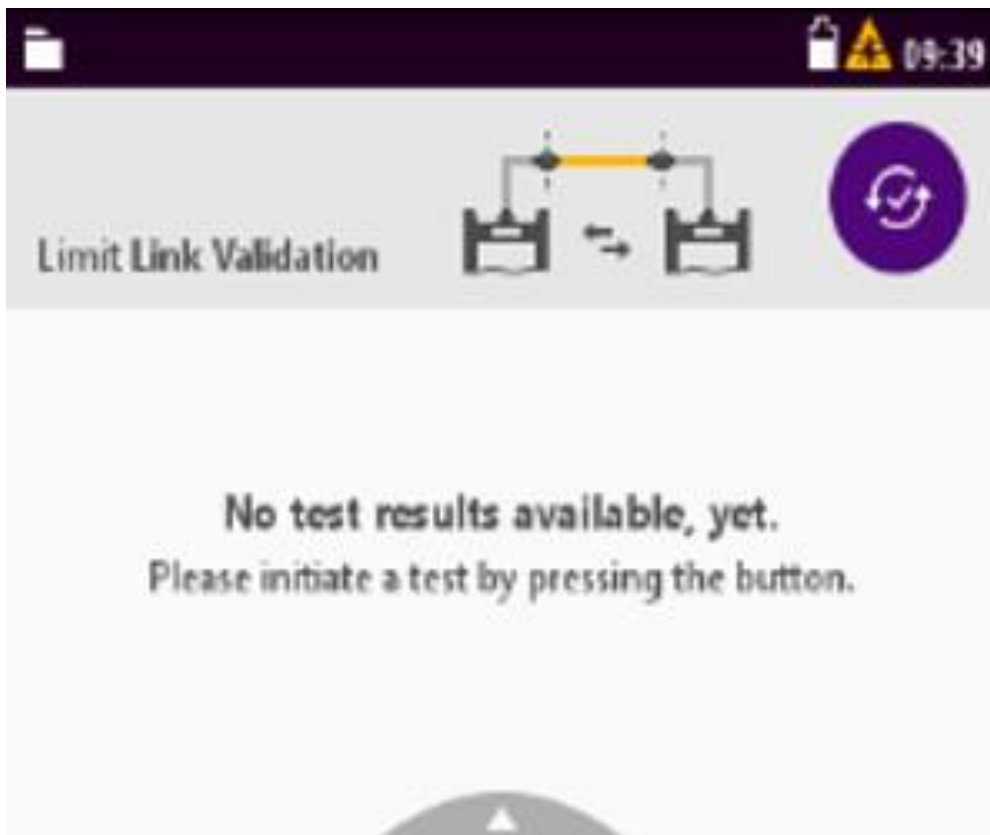**VIAVI**
VIAVI Solutions

QUICK CARD

Notes:

-Use reference grade cords to ensure lowest loss per connector

-Use inspection scope (INX-760 recommended) to ensure all connectors to MPOLx and FUT are clean and undamaged

-Pay attention to unpinned and pinned connections (MPOLx connector is always pinned)

-Access the reference menu by pressing the button from the main testing screen shown here:

Limit Link Validation

No test results available, yet.
Please initiate a test by pressing the button.

T-BERD®/TB-4000v2 Fiber Complete
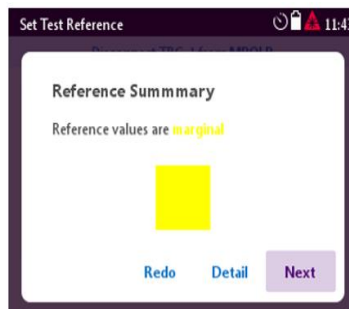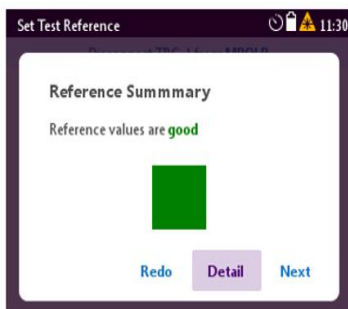
Setting Reference: Step 1

IMPORTANT: Inspect and, if necessary, clean all TRCs

Connect the MPOLP to the MPOLS using an **UNPINNED-to-UNPINNED** MTP Pro connectorized test reference cord (TRC-1) as shown below.

MPOLS Source   MPOLP Meter

Setting Reference: Step 2

- If reference values are good or marginal, proceed to Step 3
- If reference values are bad, press the "Detail" button to see the individual dBm values per fiber

- *Acceptable Single-mode referencing values should be better than (less negative) -7dBm*
- *All values need to be uniform and within 1dB between the highest and lowest values*
- *Reference Summary is a guide – Use your judgment. Yellow and Red do not necessarily mean you cannot proceed*
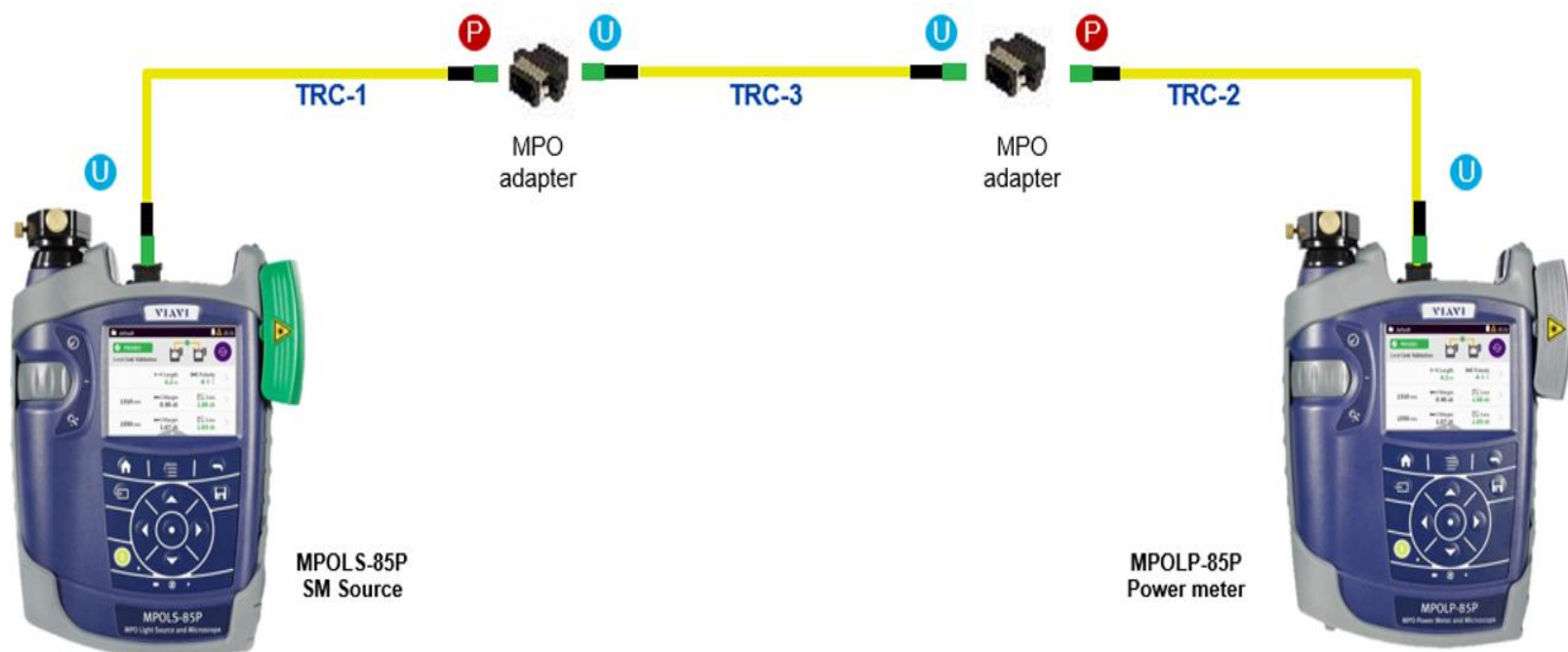
Verifying the Reference: Step 3

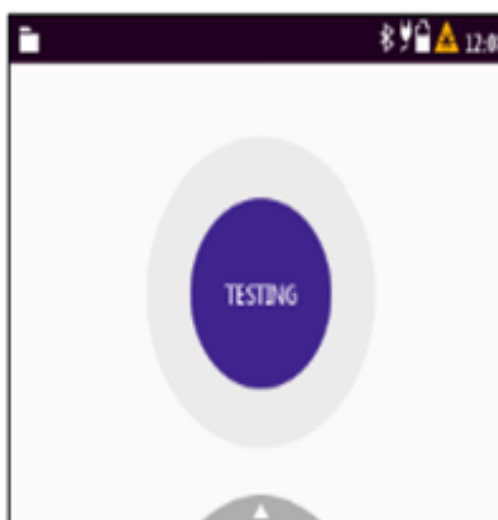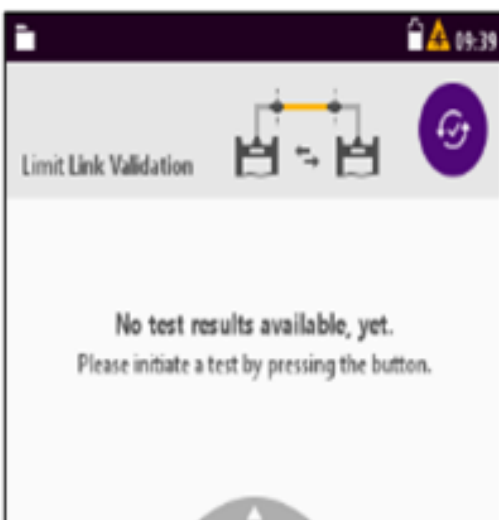**IMPORTANT: Do not disconnect the TRC from the MPOLS**

- Disconnect test reference cord (TRC-1) from the **MPOLP ONLY** and add pins using the MTP POR tool

- Insert an **UNPINNED-to-PINNED** TRC (TRC-2) into the MPOLP. The **UNPINNED** end into the **MPOLP**

- Connect the MPOLS (TRC-1) to the MPOLP (TRC-2) using an **UNPINNED-to-UNPINNED MTP PRO** connectorized test reference cord (TRC-3) as shown below

Verifying the Reference: Step 4

• Once the three TRCs are in place, press "Done" and then press "Test"

• The test will verify the condition of TRC-2 and ensure that you are only testing the "fiber under test"

• Test limits for reference verification tests are **0.70dB**

The MPOLx is Ready For Testing!!!

- Once the three TRCs are in place, press "Done" and then press "Test"

- The test will verify the condition of TRC-2 and ensure that you are only testing the "fiber under test"

- Test limits for reference verification tests are **0.70dB**

Connect to fiber to be tested

TRC-1   TRC-2

P = Pinned MTP connector
U = Unpinned MTP connector