Setting up the T-BERD®/MTS6000A and 6000A Platform
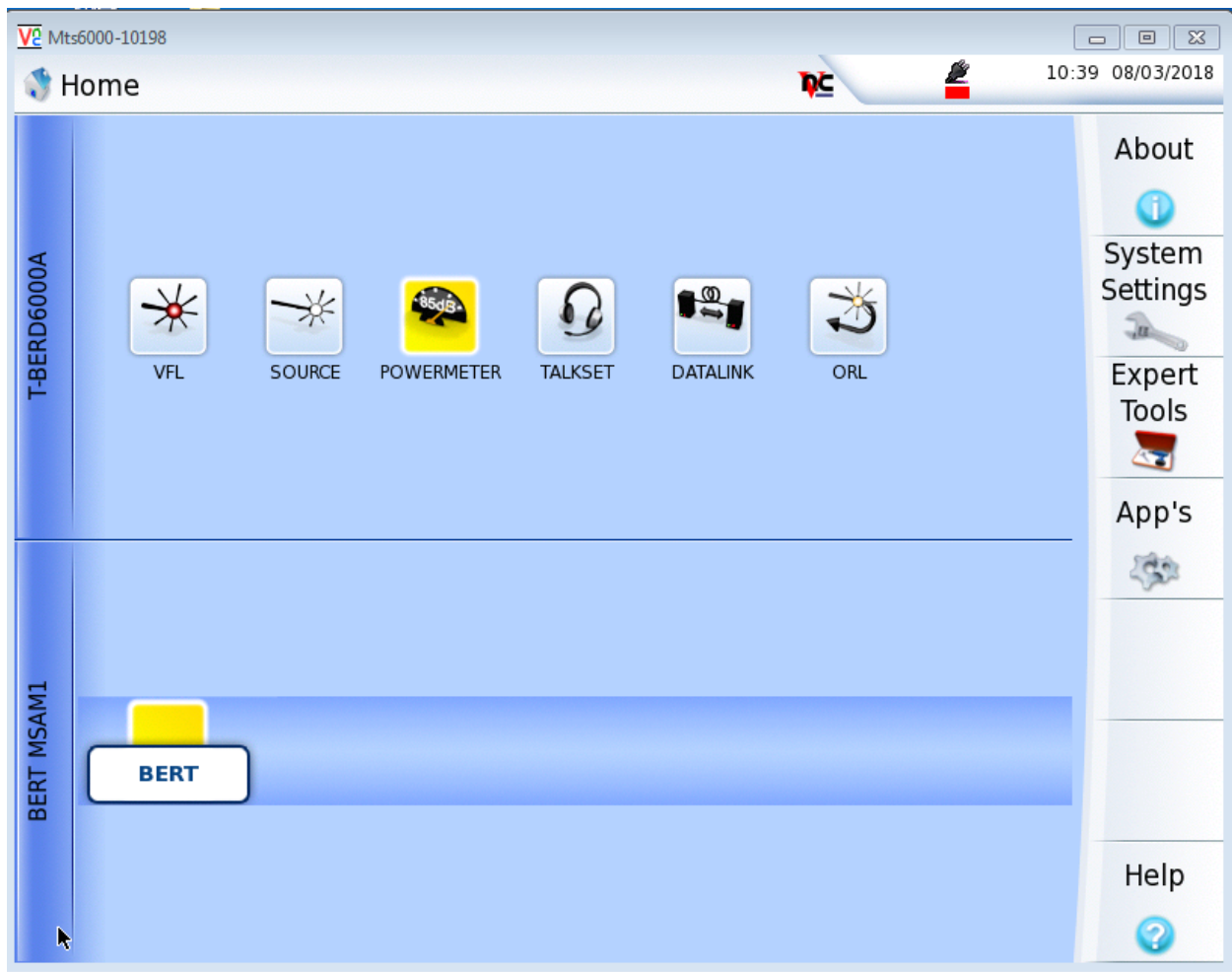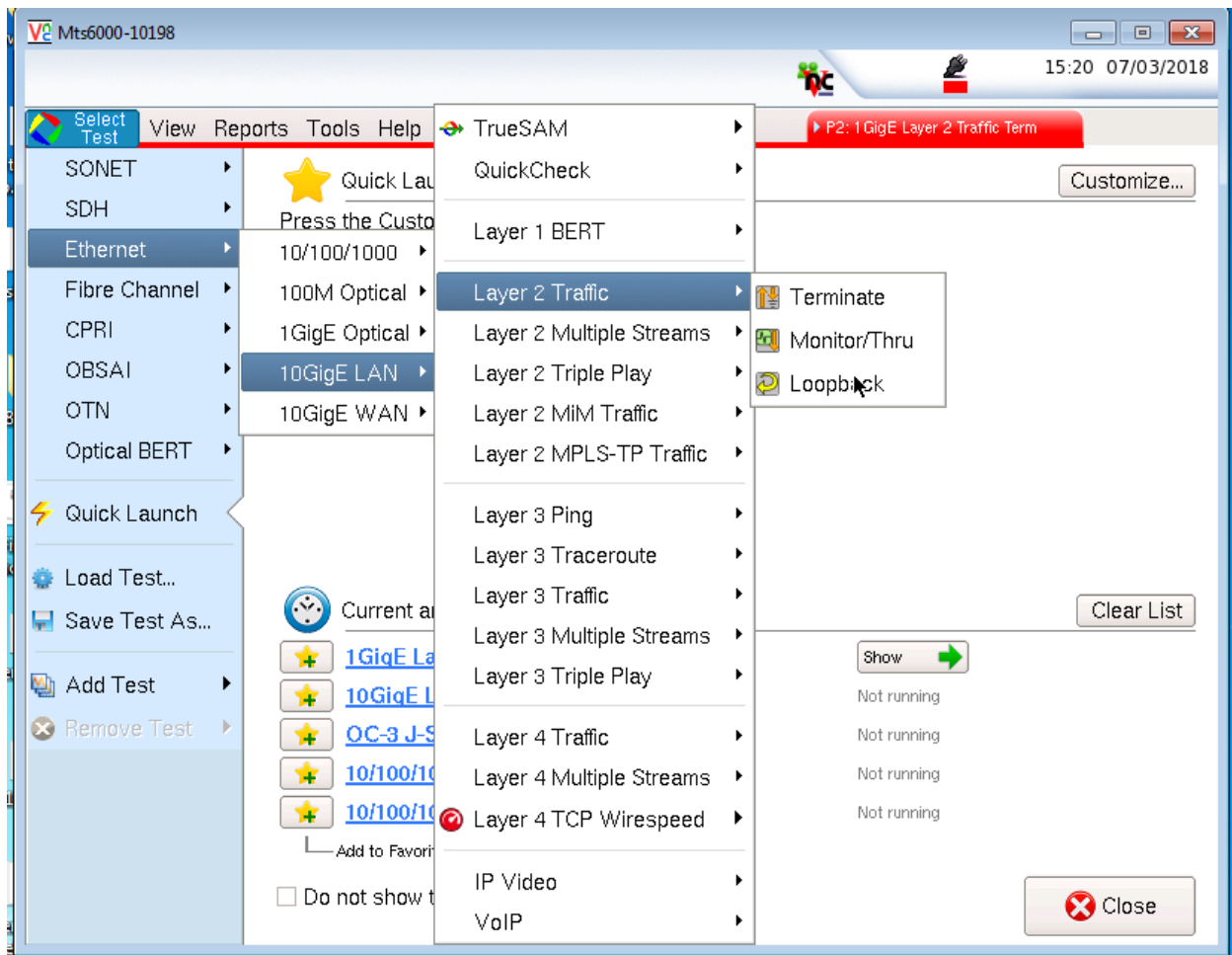
For a 10G LAN Layer II Ethernet Test
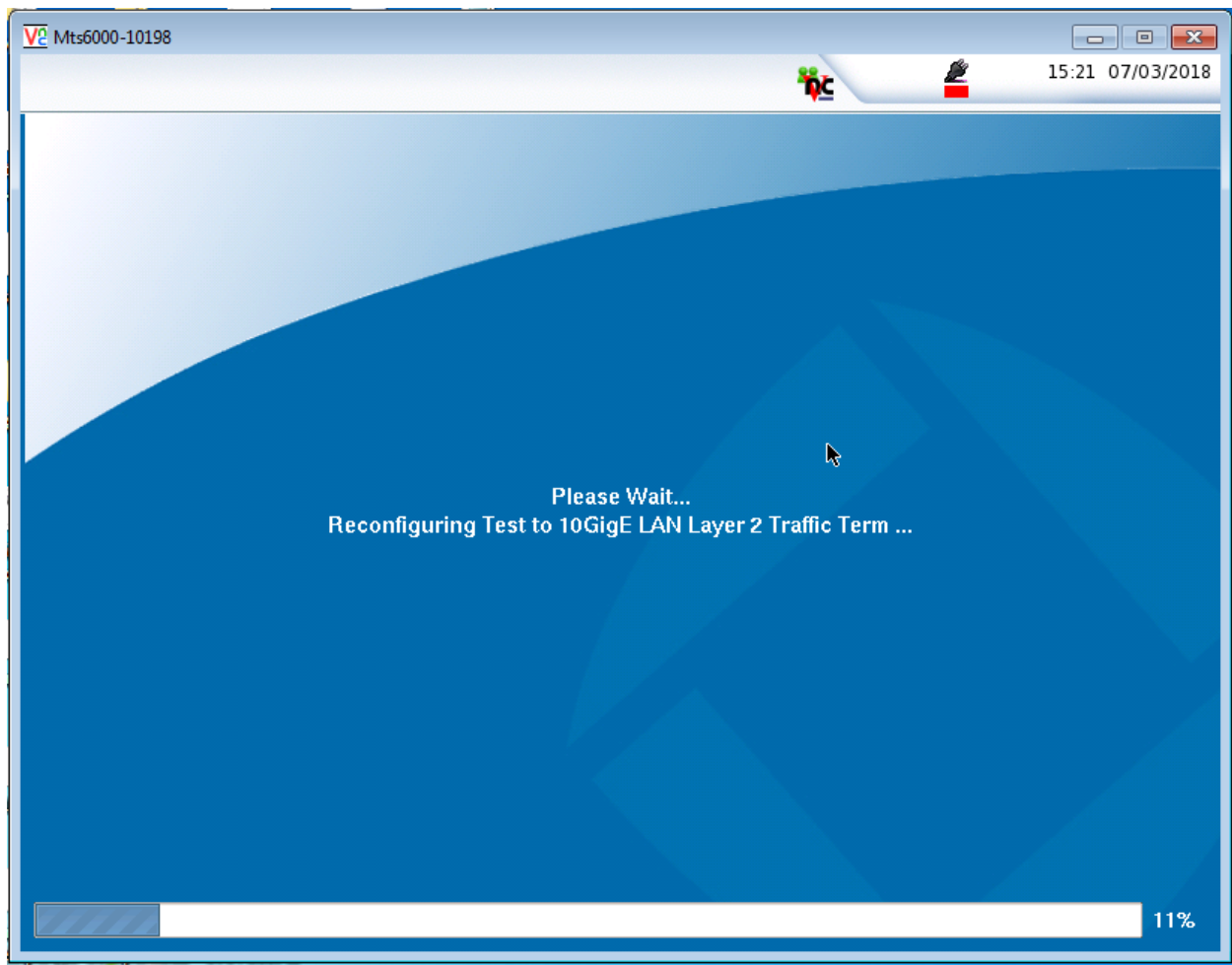

1. From the Systems screen select the Setup Soft key

Setting up the T-BERD®/MTS6000A and 6000A Platform

For a 10G LAN Layer II Ethernet Test

Mts6000-10198

15:20 07/03/2018

| Select Test | View | Reports | Tools | Help |

TrueSAM

QuickCheck

Layer 1 BERT

Layer 2 Traffic

Layer 2 Multiple Streams

Layer 2 Triple Play

Layer 2 MiM Traffic

Layer 2 MPLS-TP Traffic

Layer 3 Ping

Layer 3 Traceroute

Layer 3 Traffic

Layer 3 Multiple Streams

Layer 3 Triple Play

Layer 4 Traffic

Layer 4 Multiple Streams

Layer 4 TCP Wirespeed

IP Video

VoIP

SONET

SDH

Ethernet

Fibre Channel

CPRI

OBSAI

OTN

Optical BERT

Quick Launch

Load Test...

Save Test As...

Add Test

Remove Test

10/100/1000

100M Optical

1GigE Optical

10GigE LAN

10GigE WAN

Terminate

Monitor/Thru

Loopback

▶ P2: 1GigE Layer 2 Traffic Term

Customize...

Quick Lau

Press the Custo

Current an

1GigE La

10GigE L

OC-3 J-S

10/100/10

10/100/10

Add to Favori

Do not show t

Clear List

Show

Not running

Not running

Not running

Not running

Close

2. Select Setup Soft key and then Select Test Ethernet 10GigE LAN Layer 2 Traffic Terminate

Setting up the T-BERD®/MTS6000A and 6000A Platform

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3. The Test will launch

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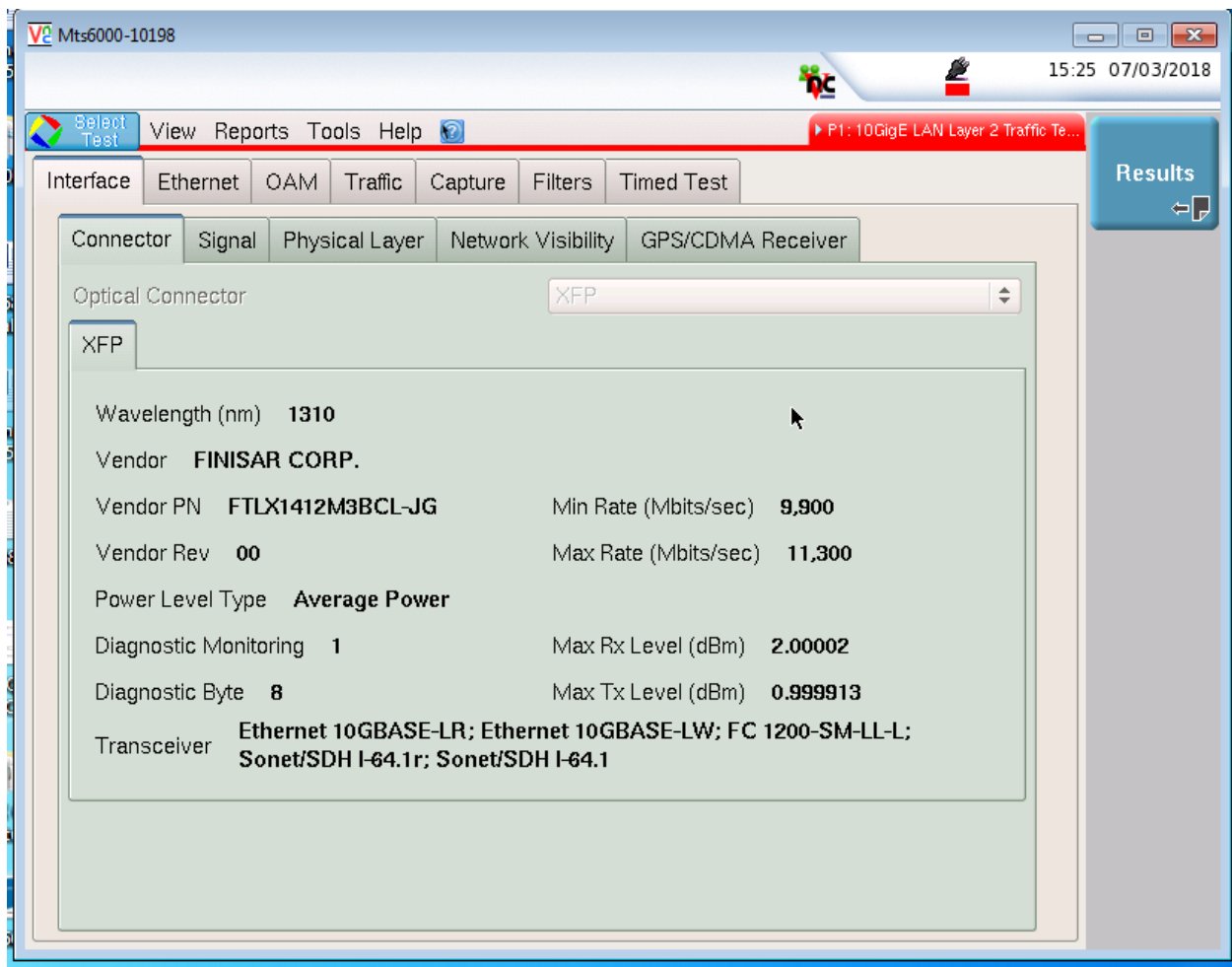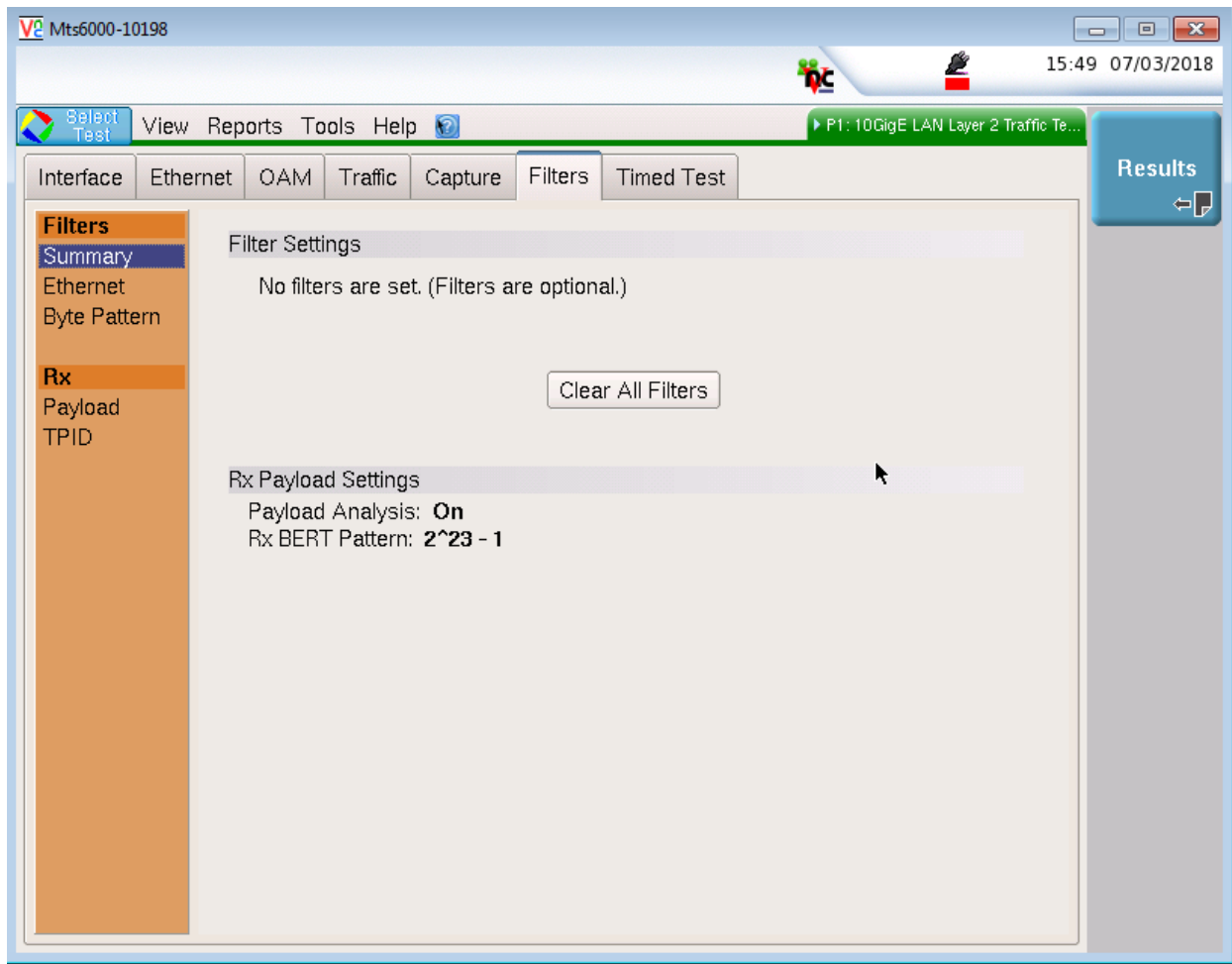
For a 10G LAN Layer II Ethernet Test

4. From the Summary Results window select Actions and select Setup

Setting up the T-BERD®/MTS6000A and 6000A Platform

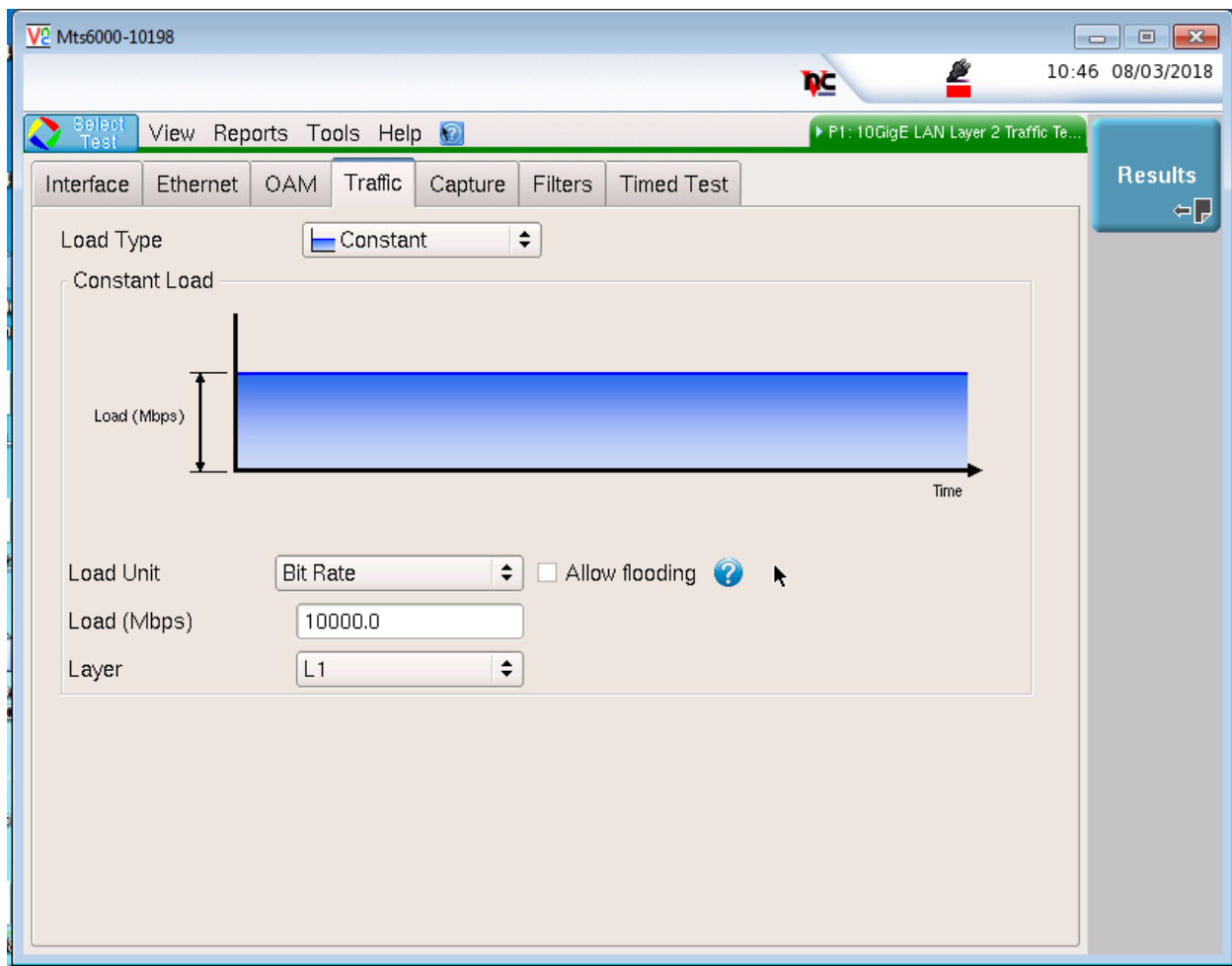# For a 10G LAN Layer II Ethernet Test

5. **Select Interface and Connector verify that your XFP is a 1310 for Single mode and Select Results**

Setting up the T-BERD®/MTS6000A and 6000A Platform
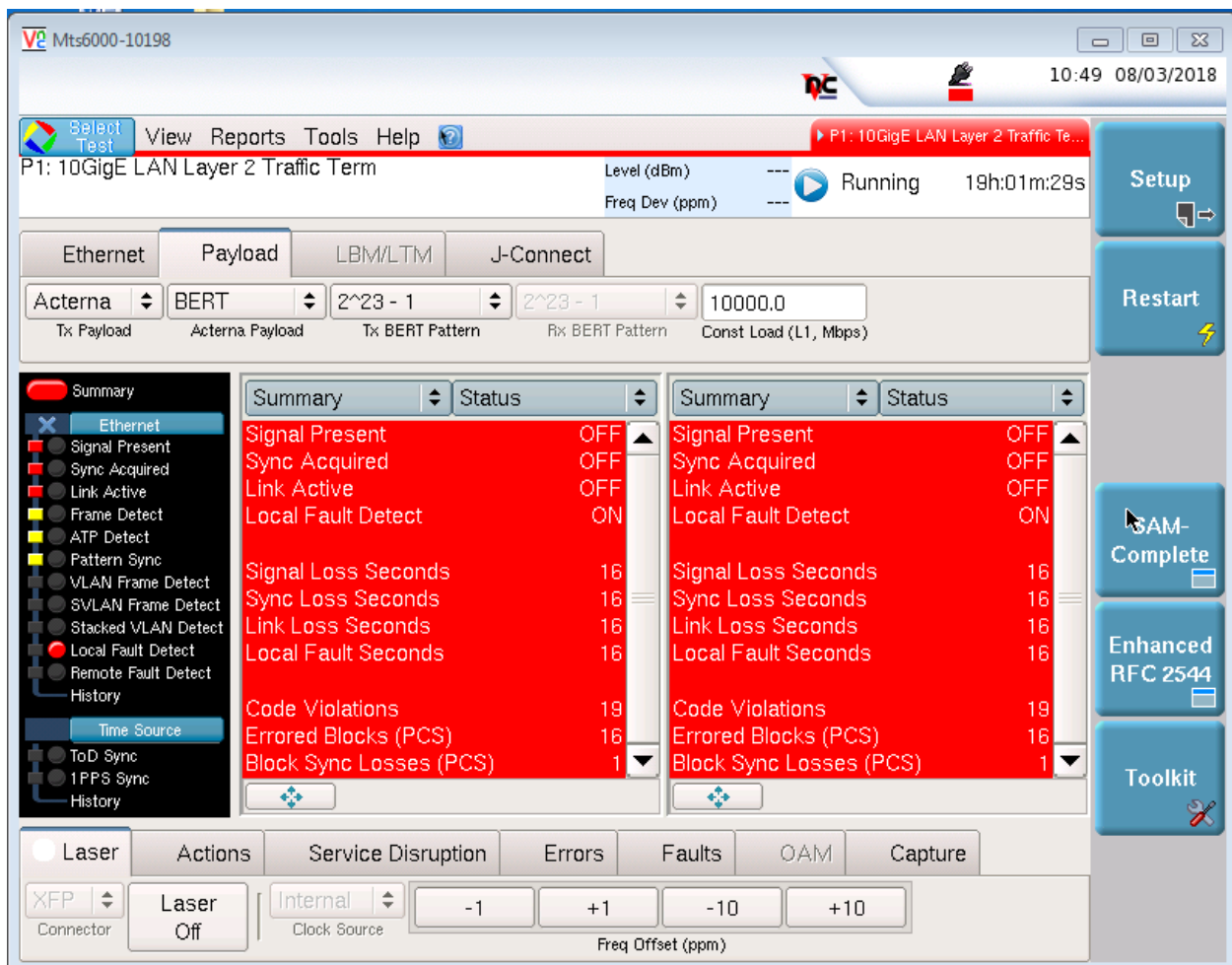
For a 10G LAN Layer II Ethernet Test

6. Select the Filters tab and Summery and Clear All Filters and then select Results

Setting up the T-BERD®/MTS6000A and 6000A Platform

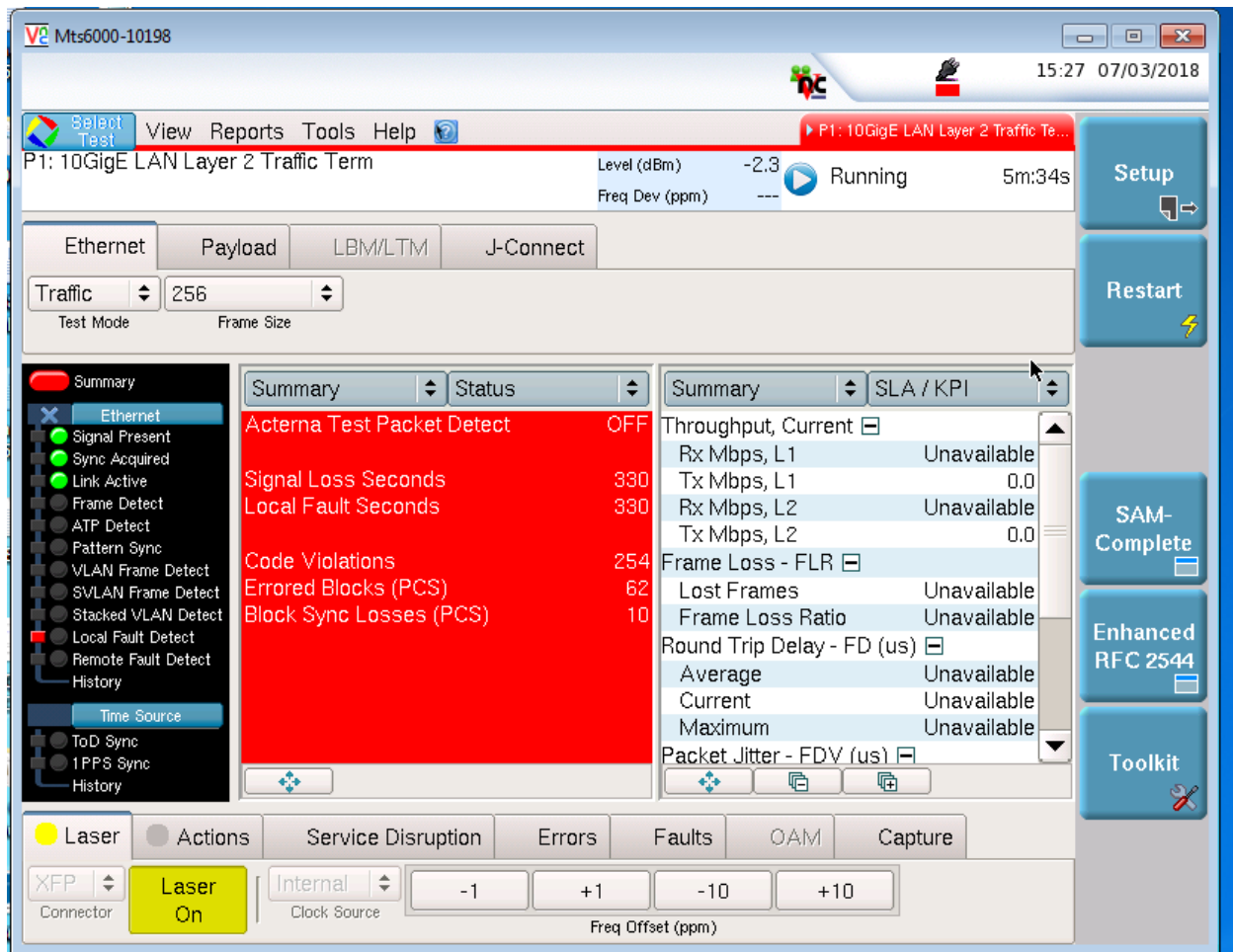# For a 10G LAN Layer II Ethernet Test

7. **Select Traffic verify that your Load Type is Constant and that your Load Unit is Bit Rate Load (Mbps) 10000.0 Layer 1 Select Results**

Setting up the T-BERD®/MTS6000A and 6000A Platform

For a 10G LAN Layer II Ethernet Test

8. **Select Payload and verify you have Acterna Below Ethernet and Playload has Bert 2^23-1 selected and that your Const Load is 10000 Mbs**

Setting up the T-BERD®/MTS6000A and 6000A Platform

For a 10G LAN Layer II Ethernet Test

9. From the Summery Results window select Actions and turn on your Laser. Verify you have Signal Present Sync Acquired and Link is Active (If you receive a Local Fault Detect place a 5 or 10 Db Attenuator on the RX of side of your TB-6000A)

Setting up the T-BERD®/MTS6000A and 6000A Platform
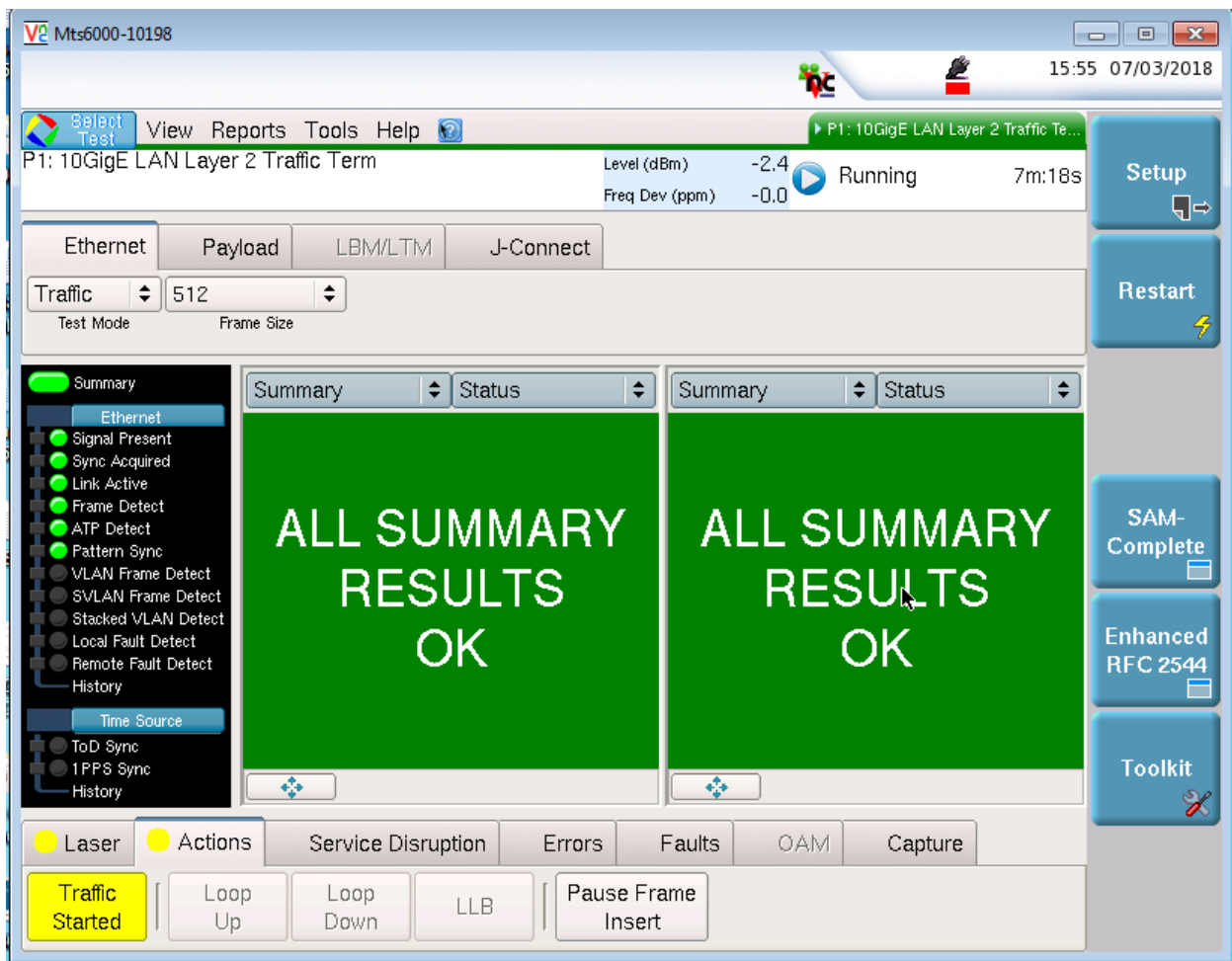
For a 10G LAN Layer II Ethernet Test

10. Select Actions and Select Start Traffic

Setting up the T-BERD®/MTS6000A and 6000A Platform

For a 10G LAN Layer II Ethernet Test
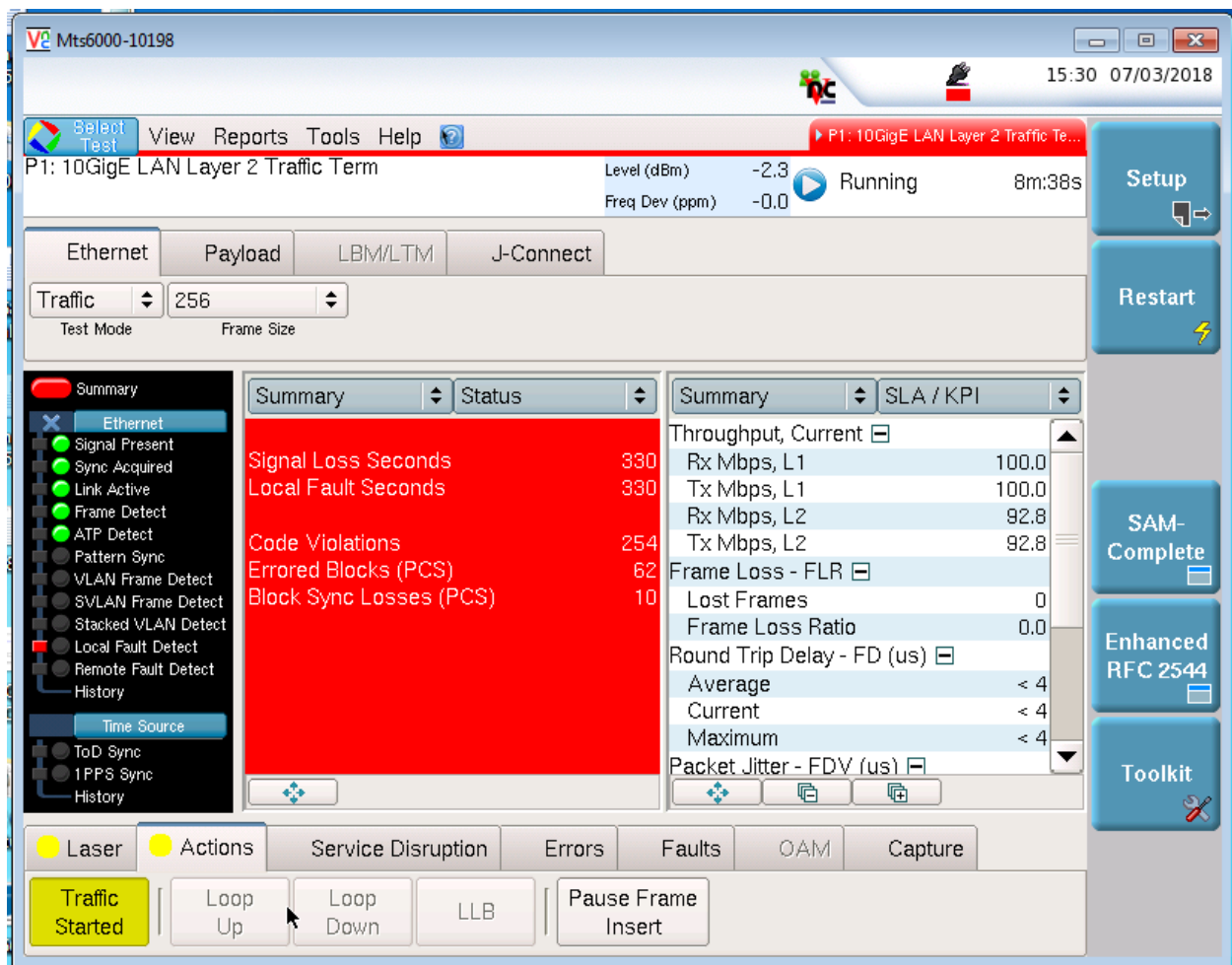
11. Traffic Started is yellow and Select Restart

Setting up the T-BERD®/MTS6000A and 6000A Platform

For a 10G LAN Layer II Ethernet Test

12. **Verify that you have Signal Present, Sync Acquired, Link active, Frame Detect, ATP Detect and Pattern Sync**