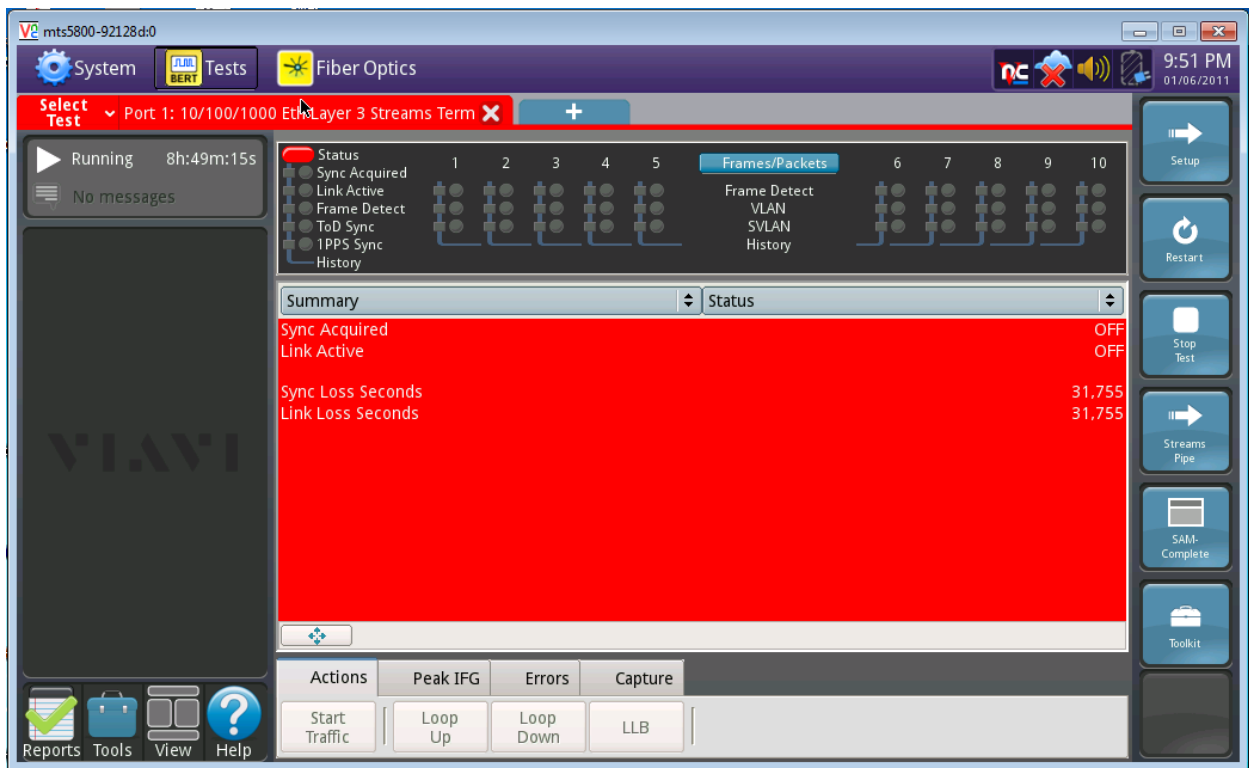
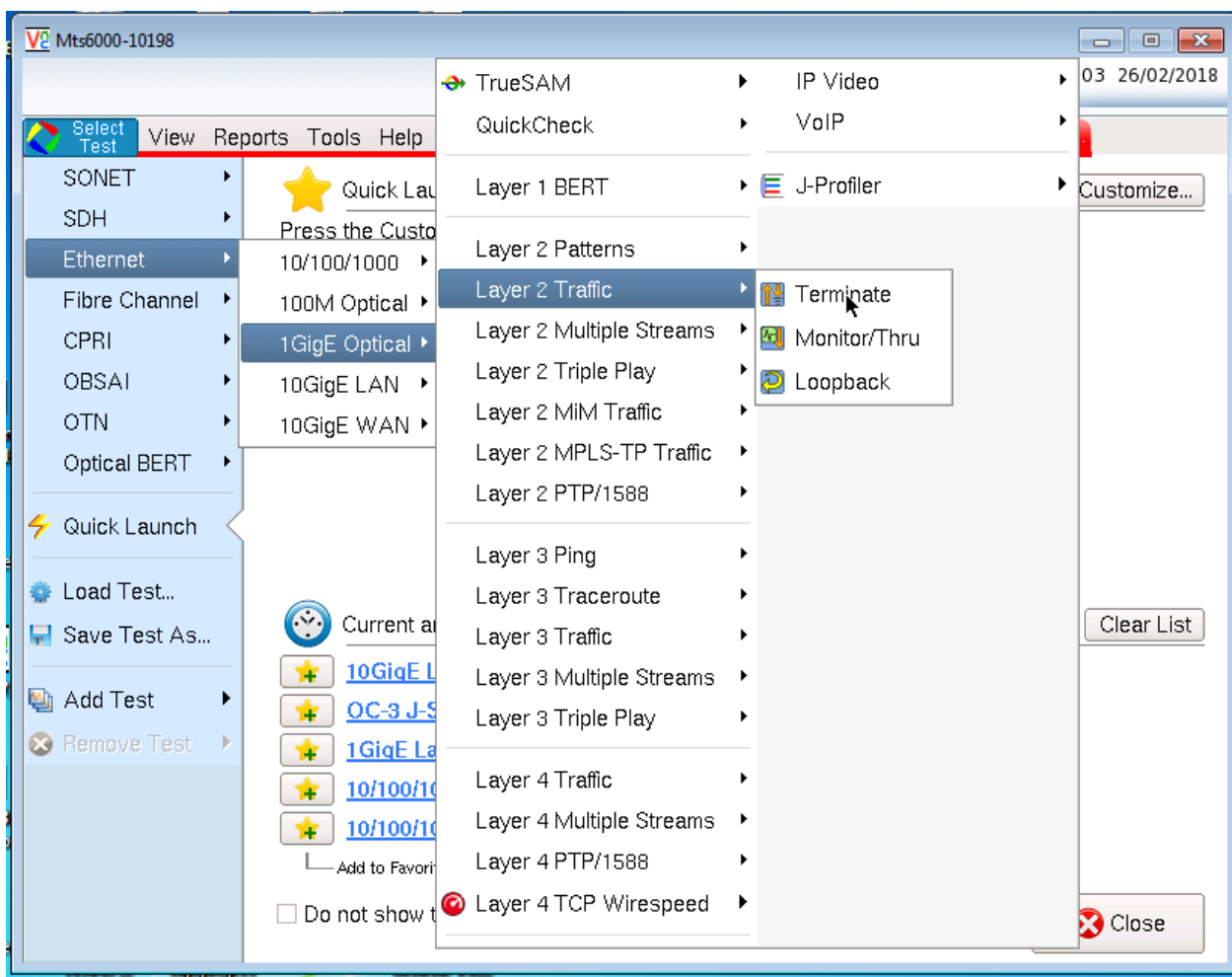


Setting up the T-BERD®/MTS-5800 V2 Platform for a 1GigE Optical Ethernet Layer II Setup Local Loopback MAC (Swap)



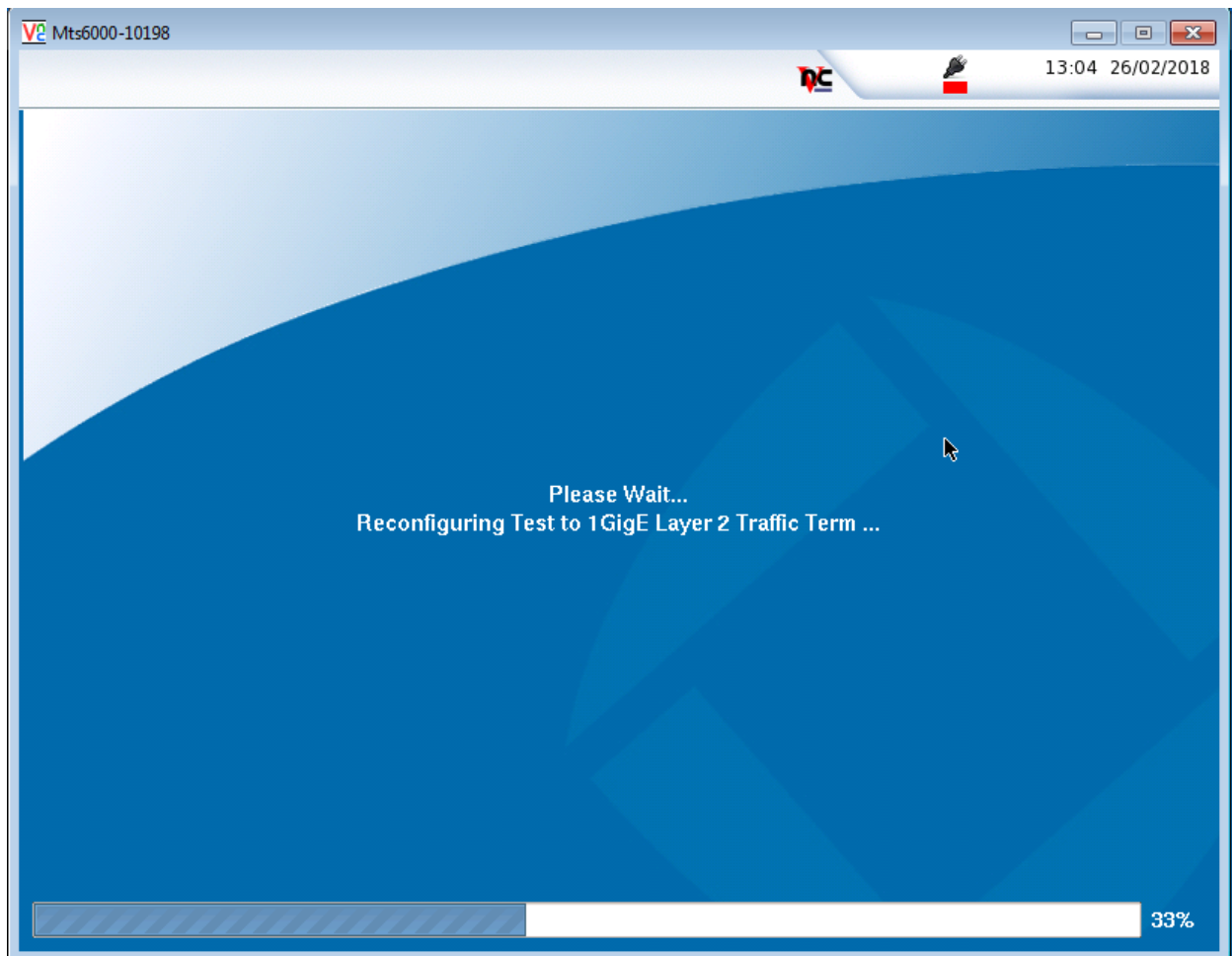
1. Go to Select Test on the right next to System

Setting up the T-BERD®/MTS-5800 V2 Platform for a 1GigE Optical Ethernet Layer II Setup Local Loopback MAC (Swap)



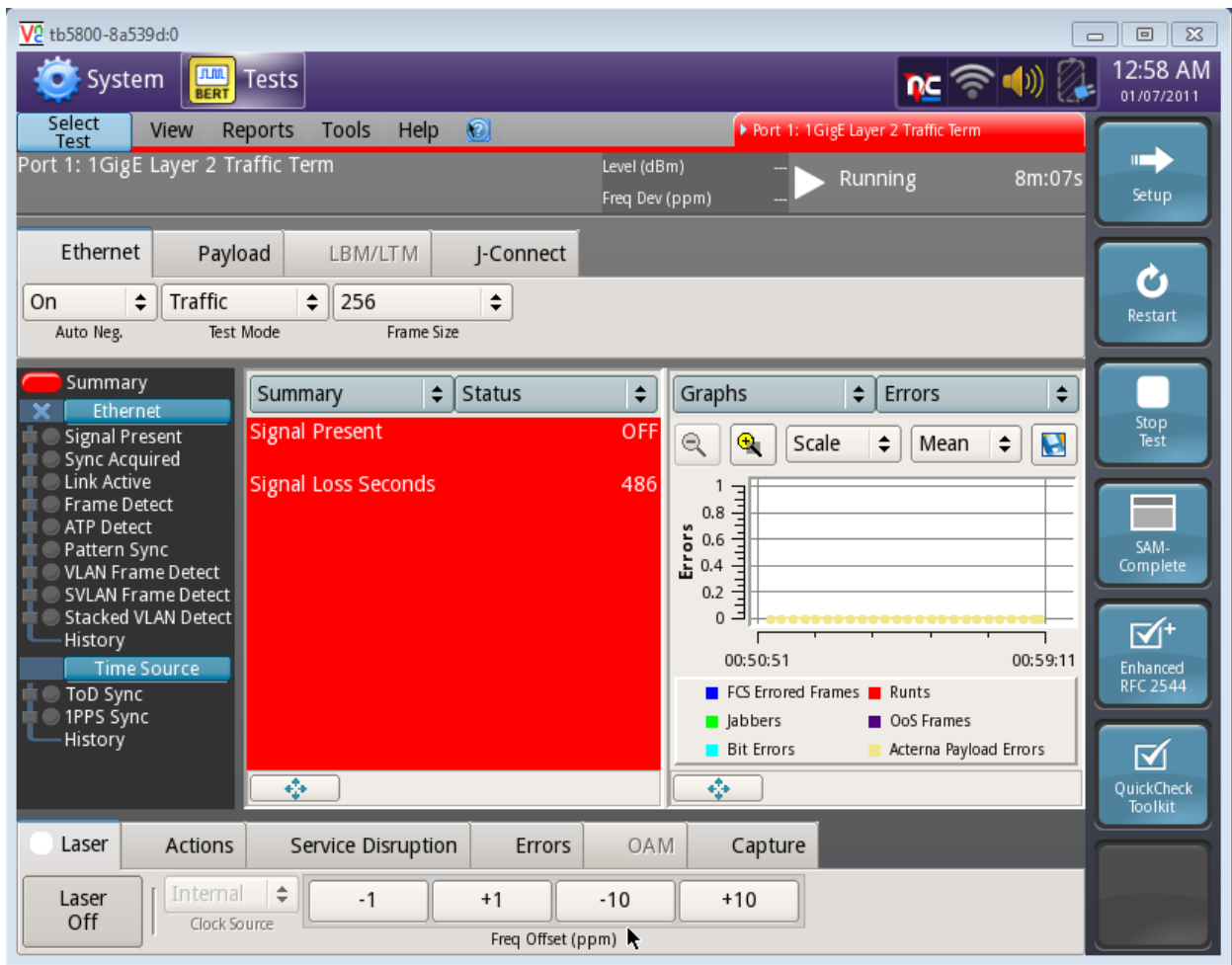
2. Select Test Ethernet 1GigE Optical Layer 2 Traffic Terminate

Setting up the T-BERD[®]/MTS-5800 V2 Platform for a 1GigE Optical Ethernet Layer II Setup Local Loopback MAC (Swap)



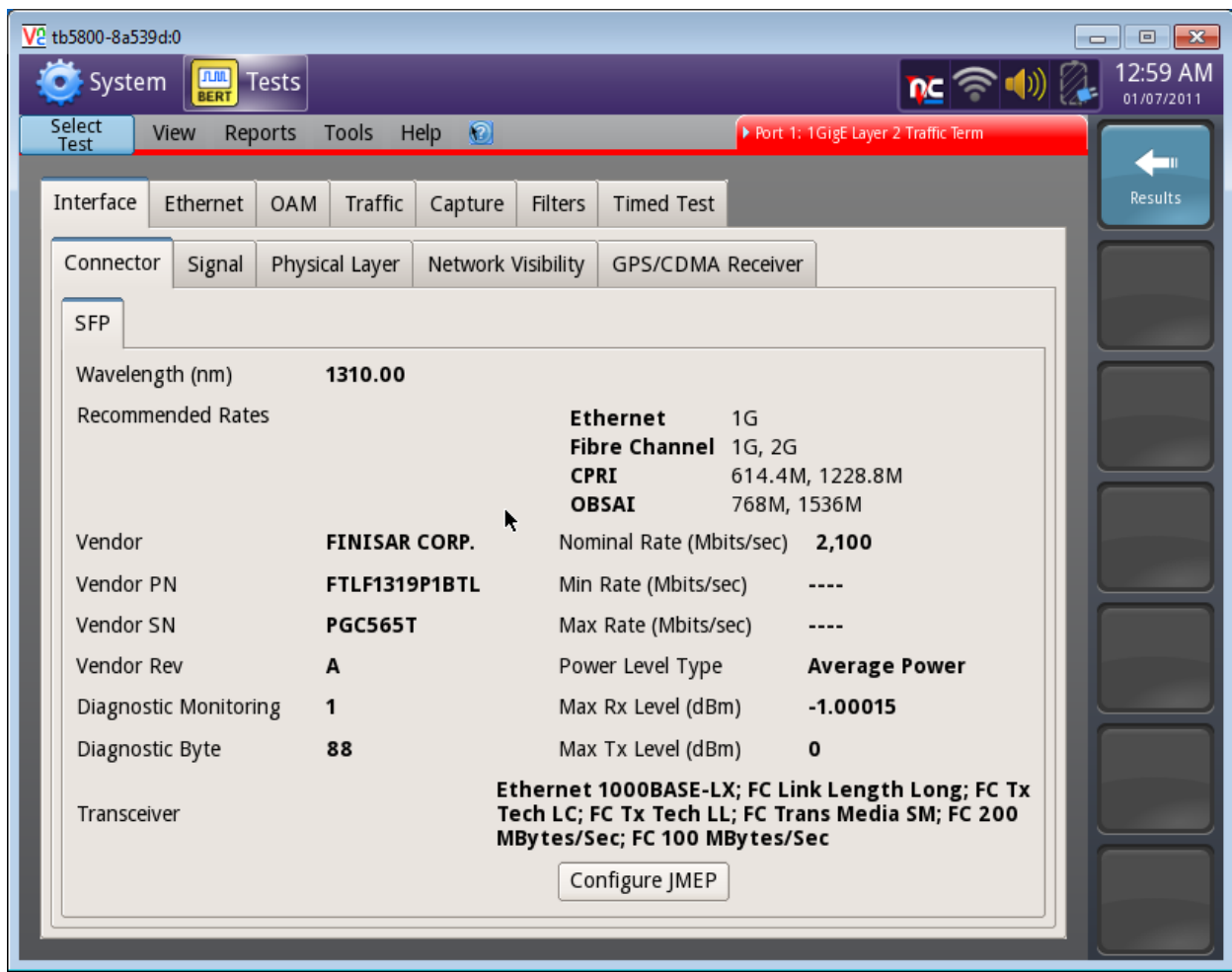
3. The Test will launch 1 GigE Layer 2 Traffic Term

Setting up the T-BERD®/MTS-5800 V2 Platform for a 1GigE Optical Ethernet Layer II Setup Local Loopback MAC (Swap)



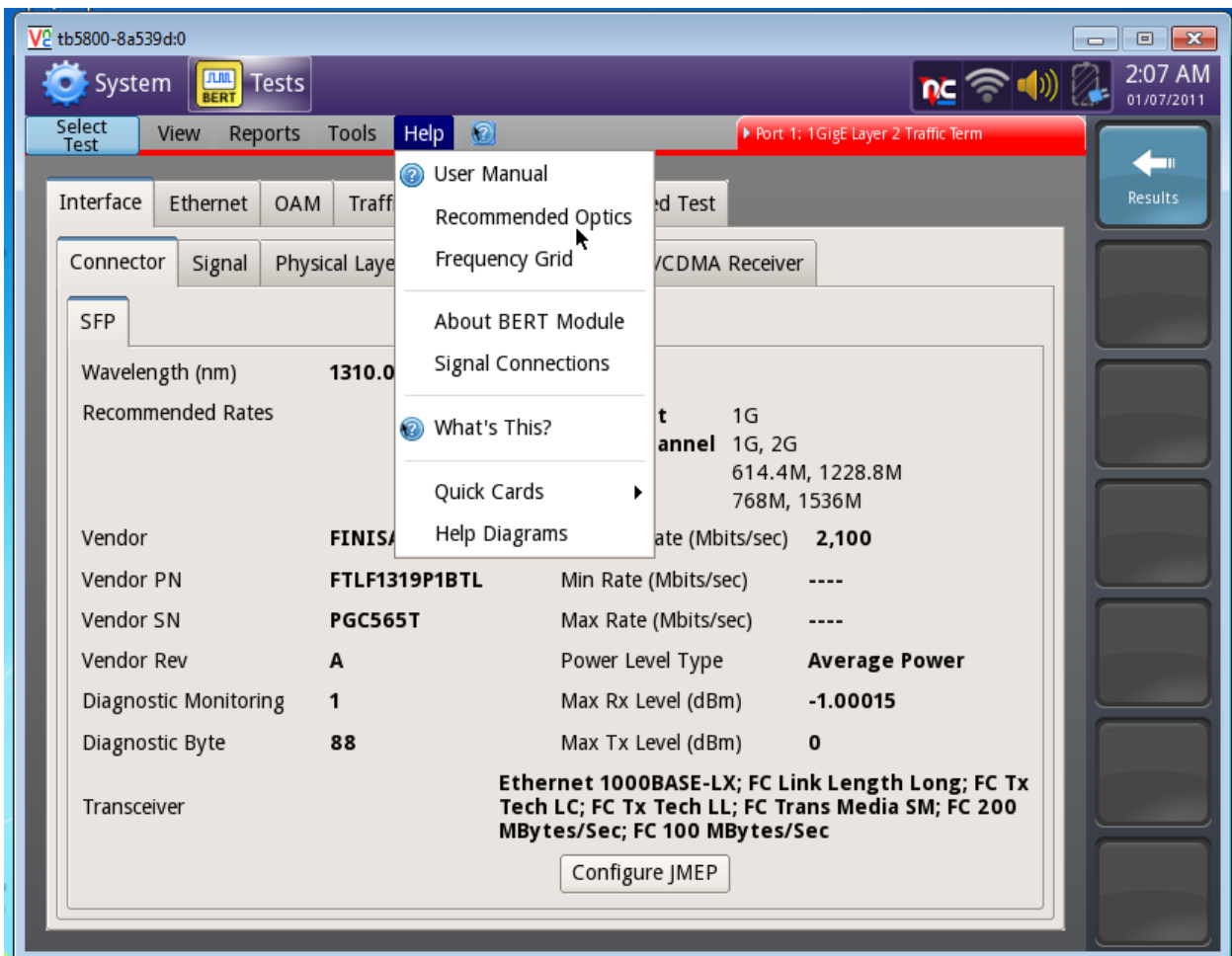
4. From the Main Menu Summary Results Screen Select Setup on the right

Setting up the T-BERD®/MTS-5800 V2 Platform for a 1GigE Optical Ethernet Layer II Setup Local Loopback MAC (Swap)



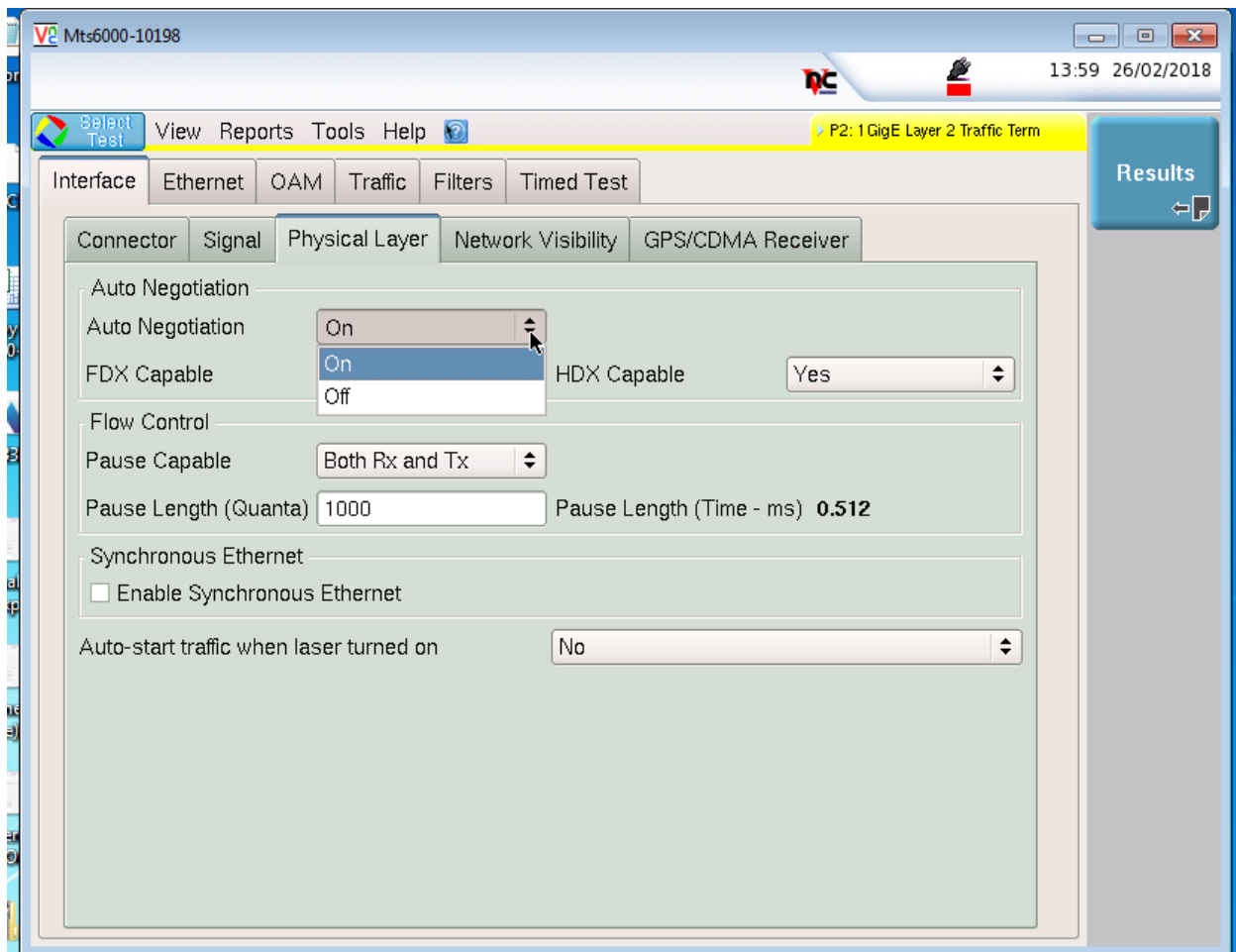
5. Select Interface and Connector check you work order and verify that your SFP is a 1310 SM or 850 MM SFP Transceiver

Setting up the T-BERD®/MTS-5800 V2 Platform for a 1GigE Optical Ethernet Layer II Setup Local Loopback MAC (Swap)



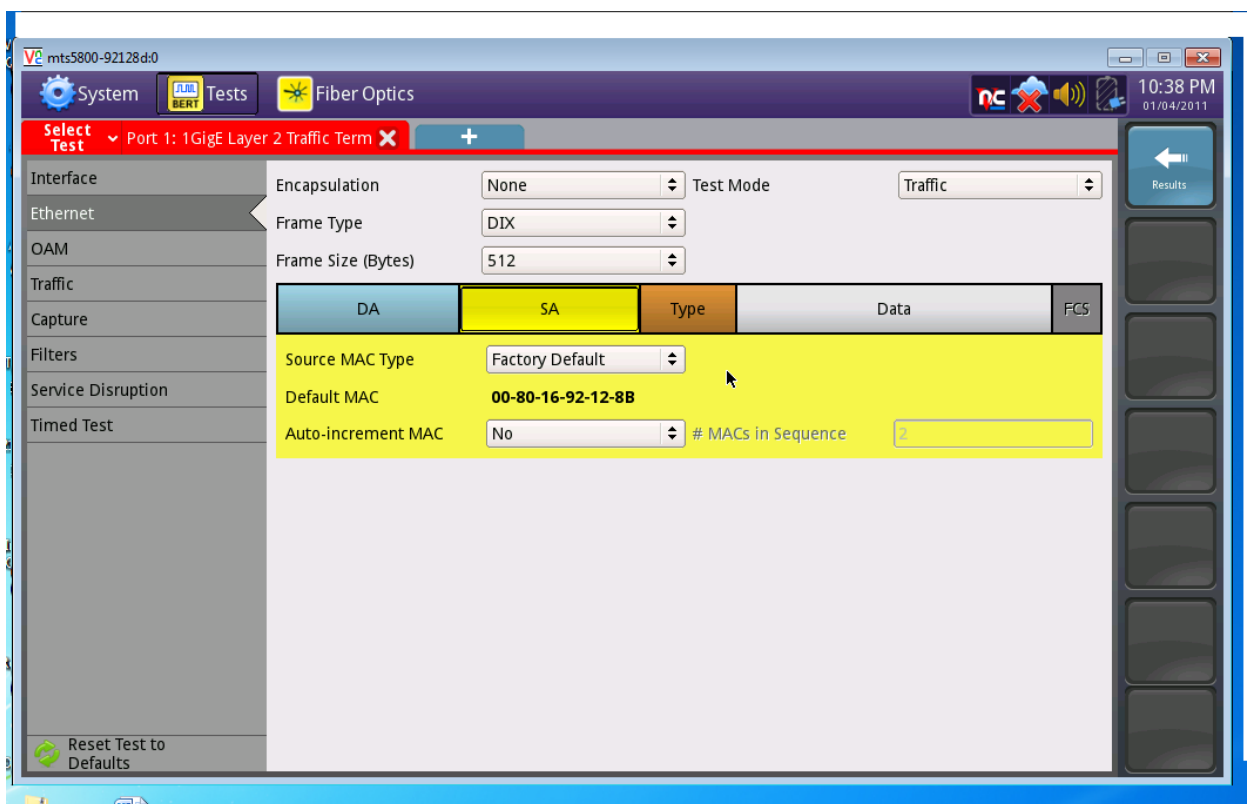
6. A List of Recommended Optics can be found selecting Help and Recommended Optics

Setting up the T-BERD®/MTS-5800 V2 Platform for a 1GigE Optical Ethernet Layer II Setup Local Loopback MAC (Swap)



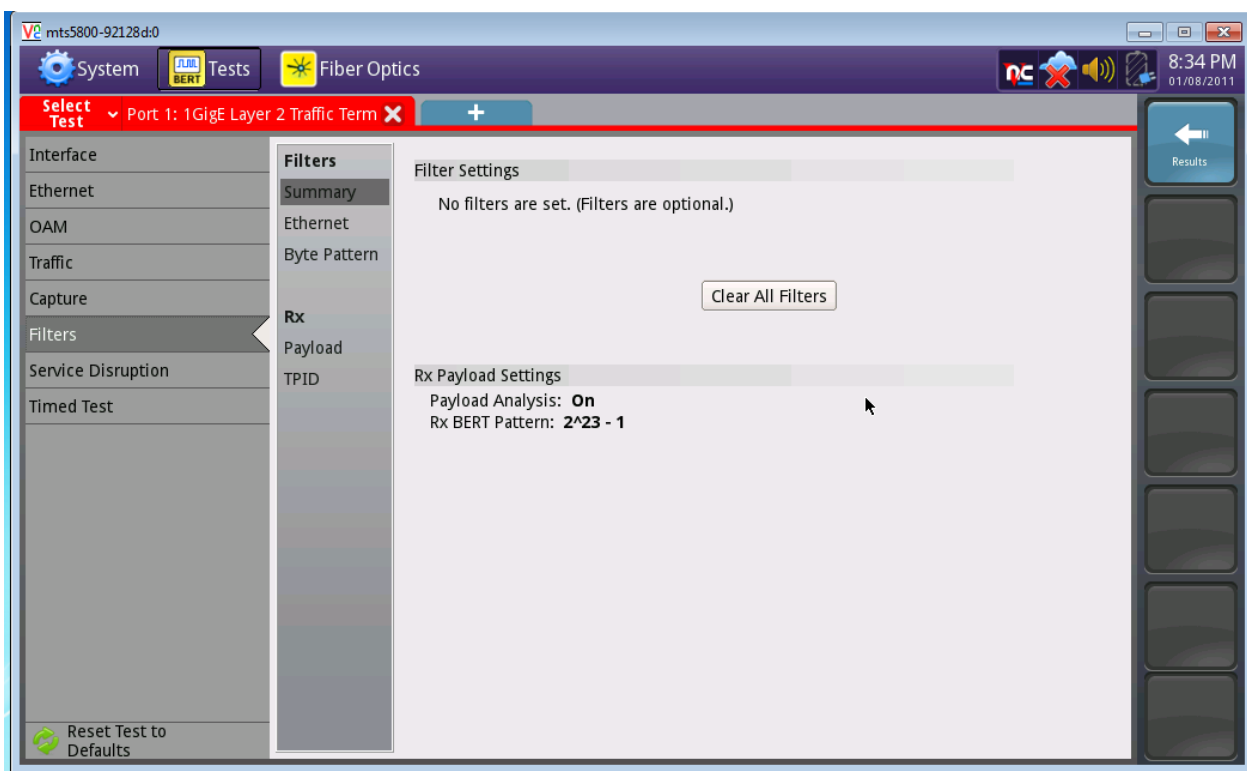
7. Select the Physical Layer tab verify your Auto negation (Check Your Work Order Auto Negation and select On or Off. Go To the Filters Tab and Select CLEAR ALL FILTERS

Setting up the T-BERD®/MTS-5800 V2 Platform for a 1GigE Optical Ethernet Layer II Setup Local Loopback MAC (Swap)



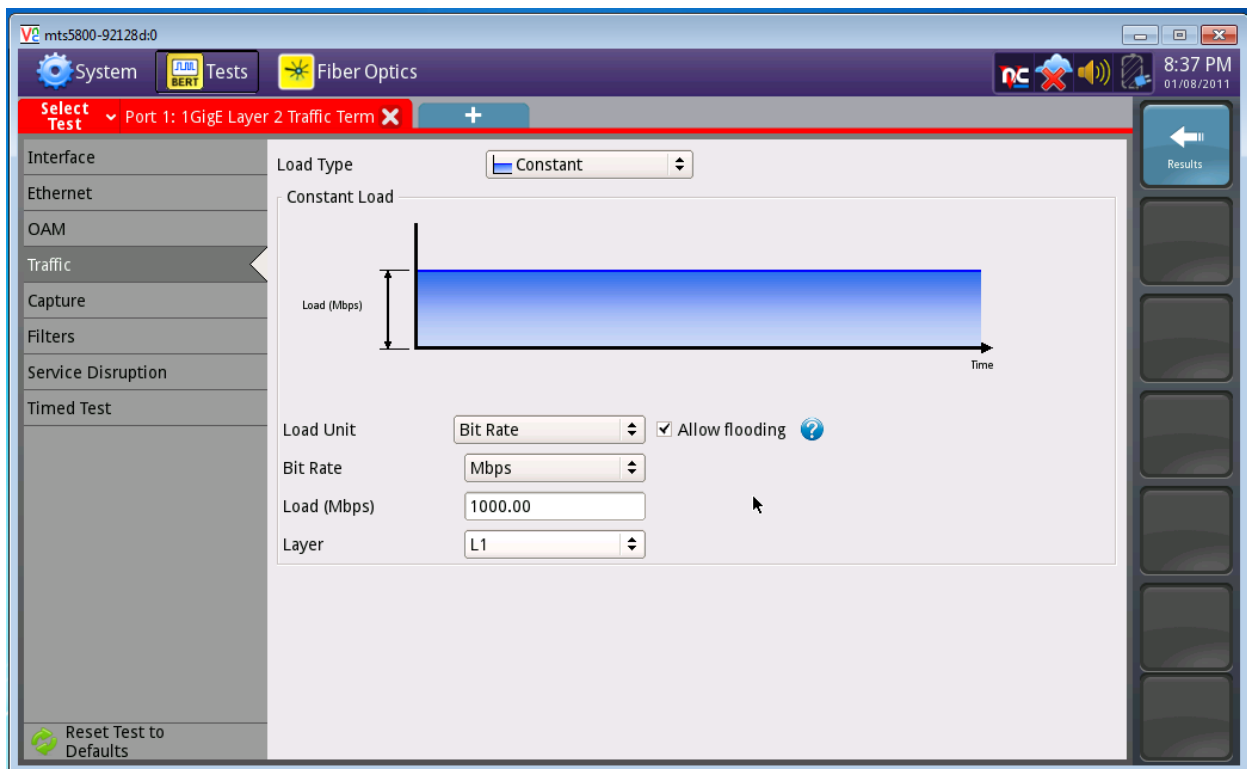
8. Select the Ethernet tab and Select SA give the CO your Default MAC address (Note: IF a VLAN TAG is required Select Encapsulation and Select VLAN Enter your ID PIR is 0). Select Results

Setting up the T-BERD®/MTS-5800 V2 Platform for a 1GigE Optical Ethernet Layer II Setup Local Loopback MAC (Swap)



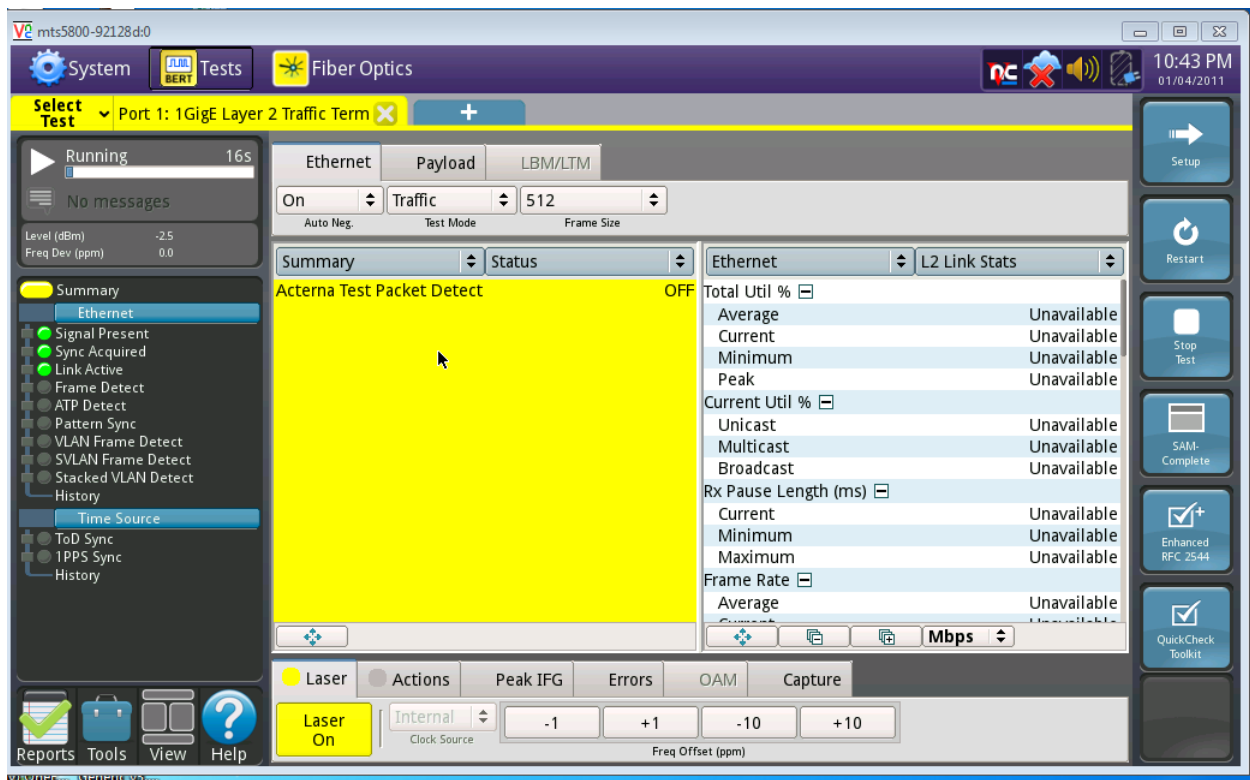
9. Select the Filters tab and Summary and Clear All Filters and then select Results

Setting up the T-BERD®/MTS-5800 V2 Platform for a 1GigE Optical Ethernet Layer II Setup Local Loopback MAC (Swap)



10. Select Traffic verify that your Load Type is Constant and that your Load Unit is Bit Rate Load (Mbps) 1000.0 Layer 1 Select Results

Setting up the T-BERD®/MTS-5800 V2 Platform for a 1GigE Optical Ethernet Layer II Setup Local Loopback MAC (Swap)



11. Select Laser and turn on our Laser it will be Yellow Signal, Present, Sync Acquired and Link Active will be Green



2/26/2018

**Setting up the T-BERD®/MTS-5800 V2 Platform for a
1GigE Optical Ethernet Layer II Setup Local Loopback MAC (Swap)**

The screenshot shows the VIAVI test software interface for a 'P2: 1GigE Layer 2 Traffic Term' test. The test is currently 'Running'. The configuration includes: Ethernet interface, Payload type 'BERT', Tx BERT Pattern '2^23 - 1', Rx BERT Pattern '2^23 - 1', and Const Load (L2, Mbps) '962.41'. The status panel shows 'Acterna Test Packet Detect' as 'OFF'. The L2 Link Stats table is as follows:

| L2 Link Stats | |
|----------------------|-------------|
| Total Util % | |
| Average | Unavailable |
| Current | Unavailable |
| Minimum | Unavailable |
| Peak | Unavailable |
| Current Util % | |
| Unicast | Unavailable |
| Multicast | Unavailable |
| Broadcast | Unavailable |
| Rx Pause Length (ms) | |
| Current | Unavailable |
| Minimum | Unavailable |
| Maximum | Unavailable |

At the bottom, the 'Actions' tab is selected, and the 'LLB' button is highlighted with a mouse cursor. Other buttons include 'Start Traffic', 'Loop Up', 'Loop Down', and 'Pause Frame Insert'. On the right side, there are buttons for 'Setup', 'Restart', 'SAM-Complete', 'Enhanced RFC 2544', and 'Toolkit'.

12. Verify you have a Green Sync Present Sync Acquired, Green Link is Active and Select Actions and then select LLB CO will Run the RFC-2544 test