

QUICK CARD

This quick card outlines how to transfer reports and OTDR traces from the Optimeter to a smart phone or tablet, email the files to a PC, and view OTDR traces on the PC using VIAVI FiberCable2 software.

EQUIPMENT REQUIREMENTS

Equipment Requirements:

- Optimeter
- Smart Phone or tablet with VIAVI Mobile Tech App.



Figure 1: Equipment Requirements

CONFIGURING OPTIMETER CONNECTIVITY SETTINGS

1. Press the **ON/OFF** button to turn on the Optimeter.



2. Press the **HOME** button to display the home screen.



3. Tap the Connectivity icon to show the Connectivity menu.



4. Tap the **Wireless** icon to configure the WiFi connection:



- Set **Wlan Mode** to **AP Master**.
- Set **Auto Create** to **Yes**.
- Tap the **[Create Network]** soft key.
- The **[Create Network]** button should now be greyed out.



Figure 2: Optimeter Home Screen

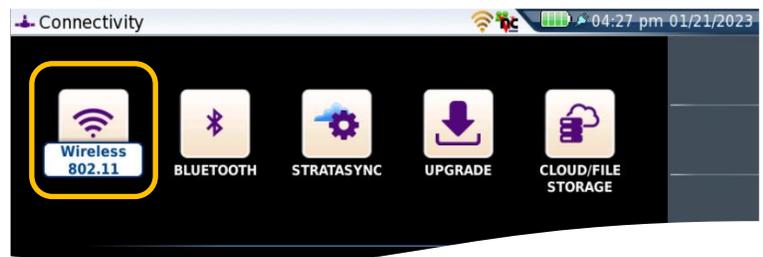


Figure 3: Connectivity Settings



Figure 4: Wireless Settings

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CONNECTING YOUR PHONE OR TABLET TO THE OPTIMETER

Android Devices:

1. Open Mobile Tech App on Smart Phone or Tablet.
2. Tap “**Connect to New Instrument**” to view Discovered Instruments
3. The Optimeter will appear under “**Discovered Devices**”
4. Press [**Connect**]

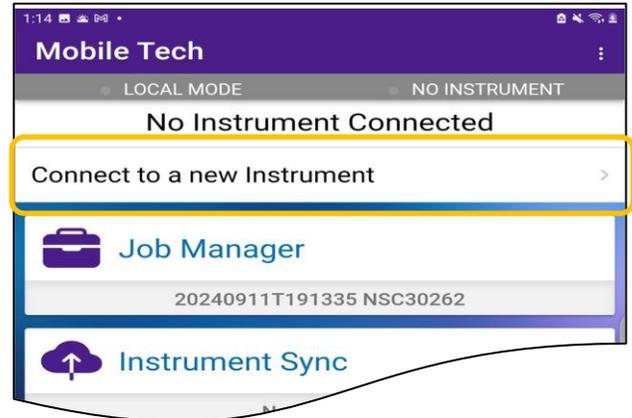


Figure 5: Android Mobile Tech App

Apple Devices:

1. Open Mobile Tech App on iPhone or iPad.
2. Press [**Local Mode**]
3. The Optimeter will appear under “**Other Devices**”
4. Press [**Connect**]
5. Press [**Join**]

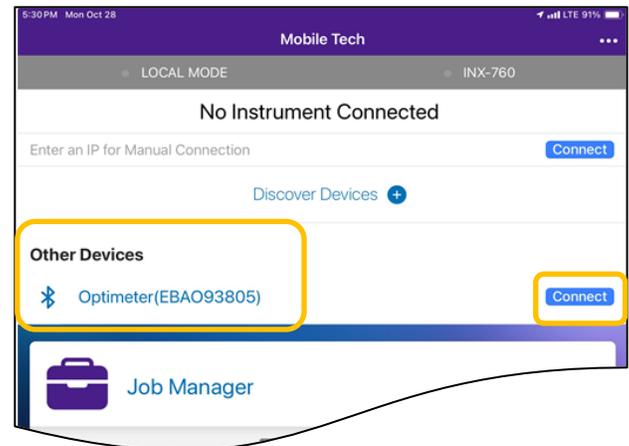


Figure 6: Apple Mobile Tech App

A Green dot ● in top right indicates the phone or tablet is connected to the Optimeter.

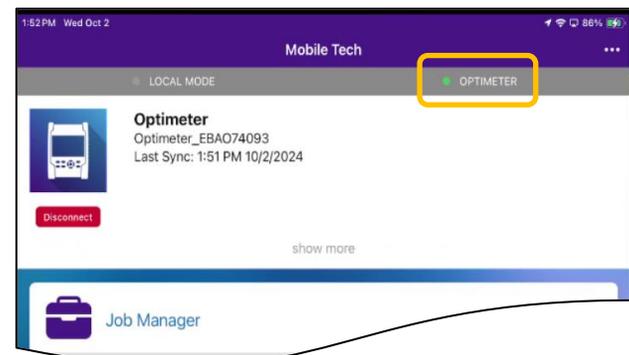


Figure 7: Mobile Tech App Home Screen

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TRANSFERRING REPORTS AND TRACES

1. Tap [**Optimeter Files**]

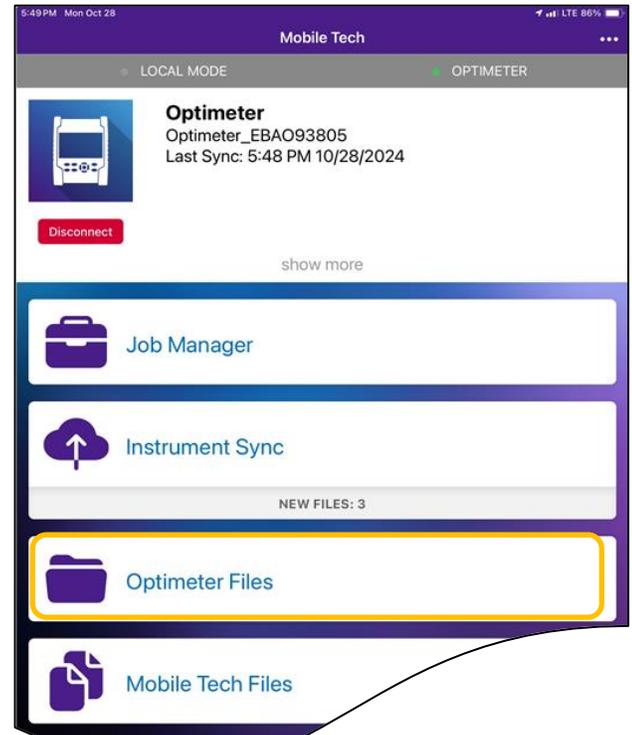


Figure 8: Mobile Tech App Home Screen

2. A folder is displayed for each “Job ID”.
3. Press the “Job ID” folder of interest to display the contents of the folder.

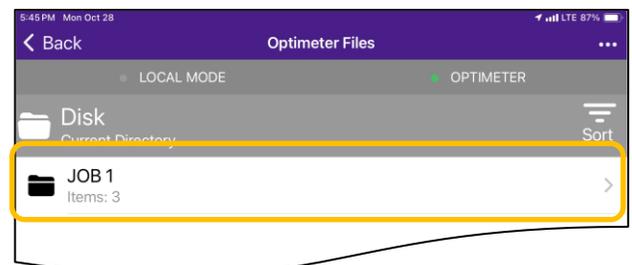


Figure 9: Optimeter Files

4. Press the 3 dots next to the desired file and press “Share”:
 - ▶ .SOR files are OTDR Traces viewable with OTDR software
 - ▶ .PDF files are reports
 - ▶ .JSON contain job data

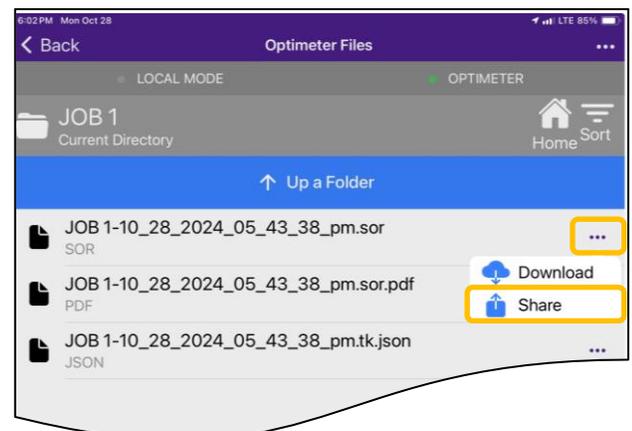


Figure 10: Share Files

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TRANSFERRING REPORTS AND TRACES (CONTINUED)

5. Select an Application to share the file: Mail, Outlook, etc..
6. Use the Application to send the file to the desired recipient.
7. Press “Up a Folder” and repeat for additional files of interest.

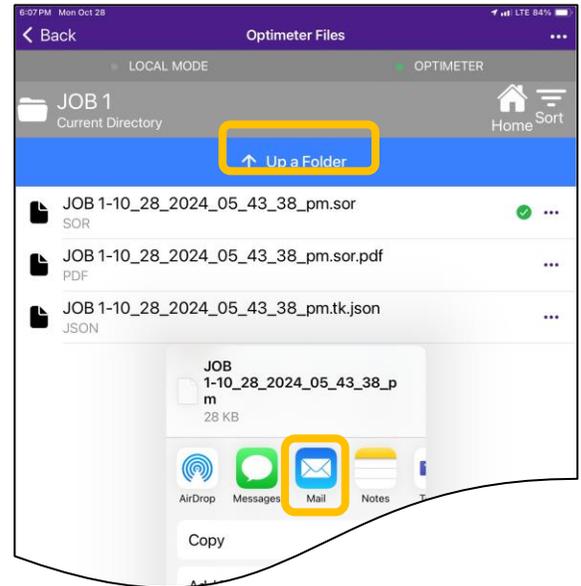


Figure 11: Share Files

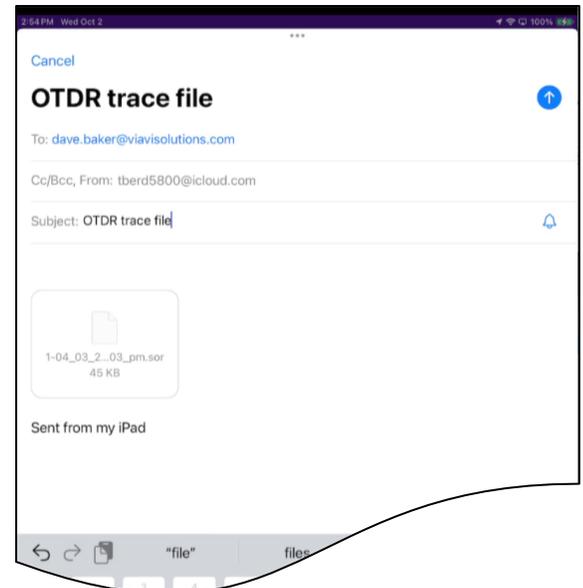


Figure 12: Mail Application

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VIEWING TRACE FILES ON A PC OR LAPTOP

VIAVI's FiberCable 2 Software enables users to view, edit, analyze and print optical test data acquired in the field with the Optimeter:

1. Download and install [FiberCable 2 Suite Software](https://ofs.updatemyunit.net/) from <https://ofs.updatemyunit.net/>
2. FiberCable 2 Trace Viewer will become the default application for .SOR files.
3. Open the SOR file attached to your email.
4. The OTDR trace will be displayed in the Trace Viewer software.

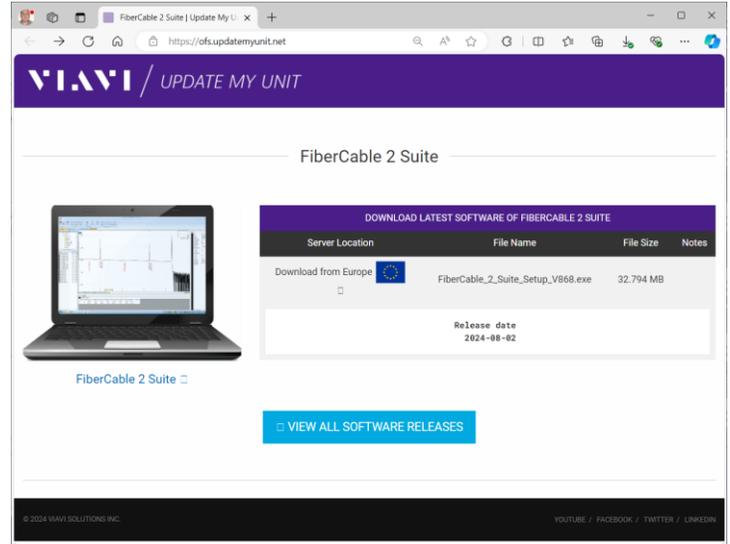


Figure 13: Mail Application

Use **Report** controls to print reports.

- Set Printer Name to "Microsoft Print to PDF" or a PDF creator to save PDF reports.
- Use Page Settings to enter company name and path to logo file

Use **Display** controls to display Trace only or Trace, Table and Map

Use **Zoom** and **Shift** controls to optimize the Trace view

View online documentation

Event	Distance (m)	Loss (dB)	Reflectance (r)	Type (dB/kr)	Rel. Dist. (m)	Attenuation loss (l)	Loss (OTDR)
1	-22.33					0.000	0.00
2	0.00	0.445			22.33		
3	8.29	0.212			8.29	0.001	0.4
4	108.93	-0.013			100.64	0.009	0.6
5	118.82				9.89	0.003	0.6

Figure 14: FiberCable 2 Trace Viewer