

# V150 Results File Access Via USB



## Downloading Test Results to a PC/Tablet Using USB Cable

At VeEX®, we know the importance of having access to mission-critical test results and reports. We strive to provide as many ways as possible to access those files, addressing most scenarios our users may encounter. That includes using a web browser (Web Access, Web Remote, or EZ-Remote™) over LAN, direct Ethernet connection, 4G/5G, WiFi, or using the test set's access point (AP) function to build an impromptu WLAN. There is also R-Server cloud services and direct export to USB memory sticks. With plenty of ways to get test results from the test set into a computer or server, there are still some cases, where many of these options can be restricted by IT or for security reasons. For example, WiFi may not be allowed in certain communication equipment rooms and USB memory sticks may be banned from secured facilities. We provide other alternatives that should work in such cases. Updating the test set to the latest software version available may be required.

### Accessing Test Results Files Via USB Connection

The V150 family of test sets (e.g. FX150+, FX180, MTX150, WX150, CX310), offer an alternative to USB memory sticks and WiFi file retrieval: USB Results File Access. In this "OTG<sup>1</sup> Device" mode, the V150 test set acts as a USB storage device, when connected to a computer or tablet, providing between 1 to 9 GB of available shared storage. All that is required is the appropriate USB cable and changing some settings in the V150-type test set.

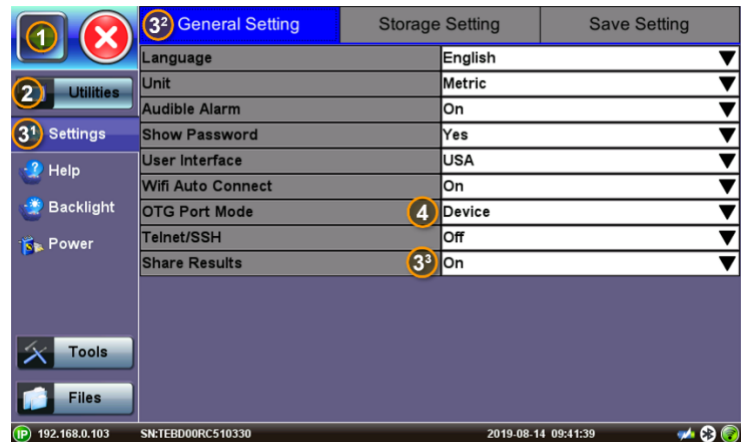
The following procedure uses the MTX150 test set as an example (valid for all V150; user interface may be slightly different). Activate the **Results Sharing** function, so test results get copied to a shared partition in the test set's internal storage.

1. Tap on the  (if required) and  buttons, on the top-left corner of the screen to expand the side menu.
2. Open the **Utilities** menu bar.
3. Go to **> Settings > Global General Settings**. Set **Share Results = ON**, and press **Yes** to confirm the selection. This also enables an automatic PDF conversion of all files saved.

When ready to transfer the results from the MTX150

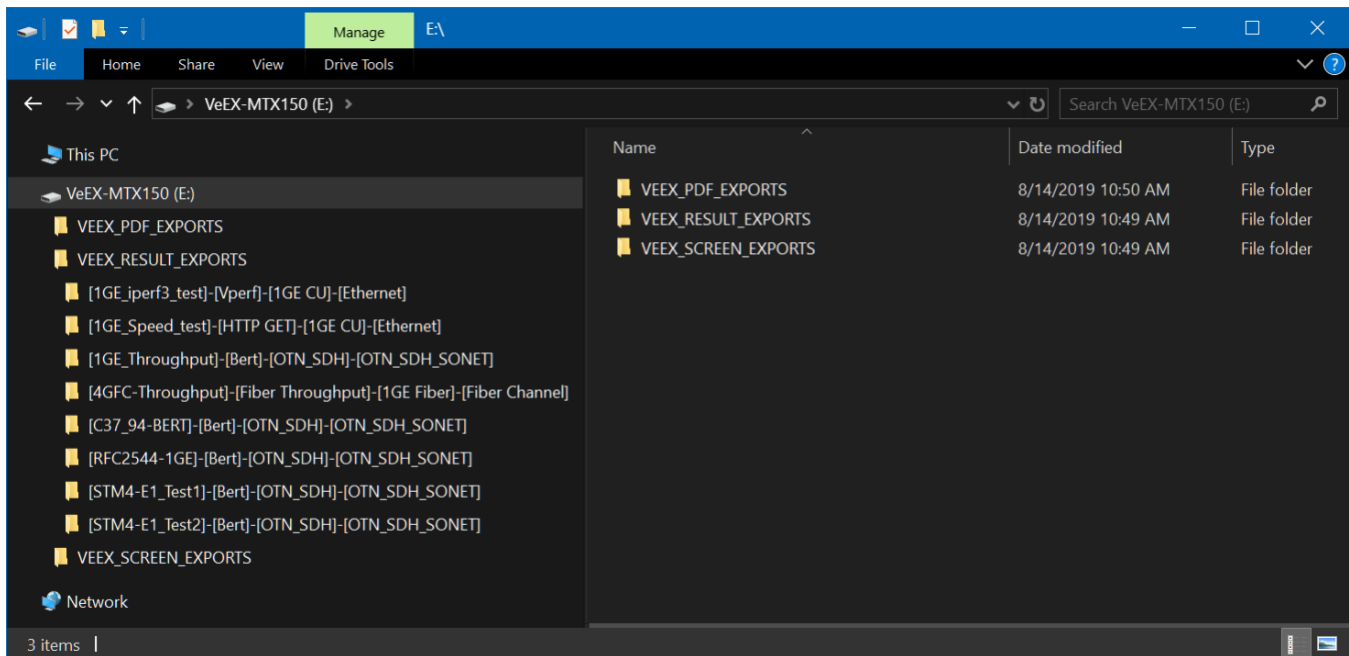
4. Go to **> Settings > Global General Settings** and set **OTG Port Mode = Device** (don't forget to set it back to Host when finished). This step is not required for other V150 test sets, which offer automatic OTG mode detection.

5. Connect the micro-B USB side of the OTG cable to the test set and the other end to the computer.



<sup>1</sup> USB On-The-Go (OTG) is an industry standard specification that allows devices to act as either Host or Device (accessory or dongle)

6. Tap on the **OK** button when asked to **Allow external access through USB OTG port**.
7. In the rare event that a Windows computer may initially fail to mount the storage partition and ask to perform a Scan/Fix/Repair routine. Follow the computer's 'Fix' instructions to get it properly detected.
8. Once the computer's File Manager opens, it will display sub-folders for Results, PDF Reports, Screenshots, etc. At this point, files and folders can be dragged and dropped using the computer's mouse or touchpad.



#### Notes:

- While the test set is sharing its internal storage partition with a computer, via USB, any new saved test results or screenshots may not be accessible (visible) to the computer until the next connection.
- Automatic PDF conversion and export is done in the background, when new results are saved. For certain applications, this process may take a few seconds to complete. A test sets may prompt users to wait until the conversion finishes.

## The V150 Family of Handheld Test Sets



## About VeEX

VeEX Inc., an innovative, customer-focused communications test and measurement company, develops next-generation test and monitoring solutions for telecommunication networks and services. With a blend of advanced technologies and vast technical expertise, VeEX has developed products that diligently address all stages of network deployment, maintenance, and field service turn-up and integrate service verification features across DSL, fiber optics, CATV/DOCSIS, mobile backhaul and fronthaul (CPRI/OBSAI), next-generation transport network, fiber channel, carrier and metro Ethernet technologies, WLAN, and synchronization.

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2827 Lakeview Court, Fremont, CA 94538, USA | Tel.: +1 (510) 651-0500 | Fax: +1 (510) 651-0505 | [info@veexinc.com](mailto:info@veexinc.com)

