

VIAVI

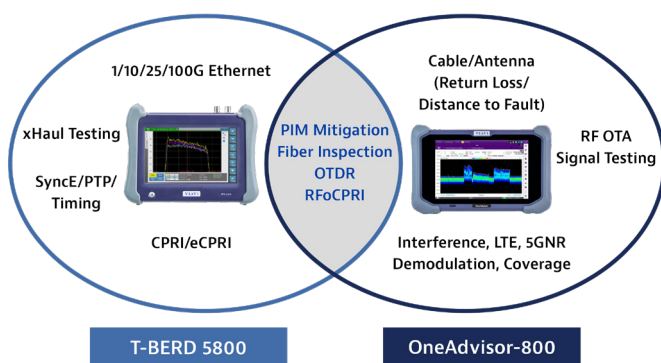
T-BERD 5800 and OneAdvisor-800

Real-Time PIM Analysis

The VIAVI T-BERD 5800 and OneAdvisor-800 provide comprehensive and non-intrusive PIM analysis solutions.

Traditional PIM isolation methods involve disconnecting a radio from its feedline and inserting a dedicated tone generator to perform PIM analysis through the operating frequency of the radio. However, these dedicated tone generators have several inconveniences due to their size and cost, as well as the limitation of being frequency-dependent.

In contrast, the T-BERD® 5800 or OneAdvisor-800 can perform PIM detection from the ground through RFoCPRI, performing RF analysis of the uplink while the cell site is in service. If desired, the RRH power can be increased to trigger more PIM. This “real” PIM, seen in real-time, is often a result of many more sources than any single or dual port PIM tone generator can stimulate.



Ordering Information

- T-BERD 5800 | TB5882-PIMMTG-C
- OneAdvisor-800 | Flexible configurations, please contact VIAVI

Benefits

- Real-time RFoCPRI spectrum updates make it simple to detect PIM on ANY CPRI radio on ANY band
- Non-intrusive test does not require opening a coaxial connection and possibly introducing a new VSWR or PIM issue
- Monitor from the bottom of the tower or at the BBU Hotel in a CRAN environment
- Easy report generation simplifies ticket close-out and reporting
- A true multiband PIM solution that can be extended for additional installation use cases with OTDRs and optical power meters

Key Features

- Overlay the spectrum trace for 2 x 2 and 4 x 4 MIMO Systems
- Includes CPRI rates 3, 5, 7 and 8 (other CPRI Rates are optional)
- Included digital fiber microscope automates pass/fail verdict of inspected fibers
- Included (2) 3 port optical taps for visibility across up to 6 CPRI links
- Built-In GPS satellite receiver is ideal for 5G satellite antenna qualification (T-BERD 5882)
- Supports optional modules for Cable and Antenna Sweep and Spectrum Analysis (ONA-800)

Contact Us **+1 844 GO VIAVI**
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To reach the VIAVI office nearest you, visit [viavisolutions.com/contact](https://www.viavisolutions.com/contact)

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