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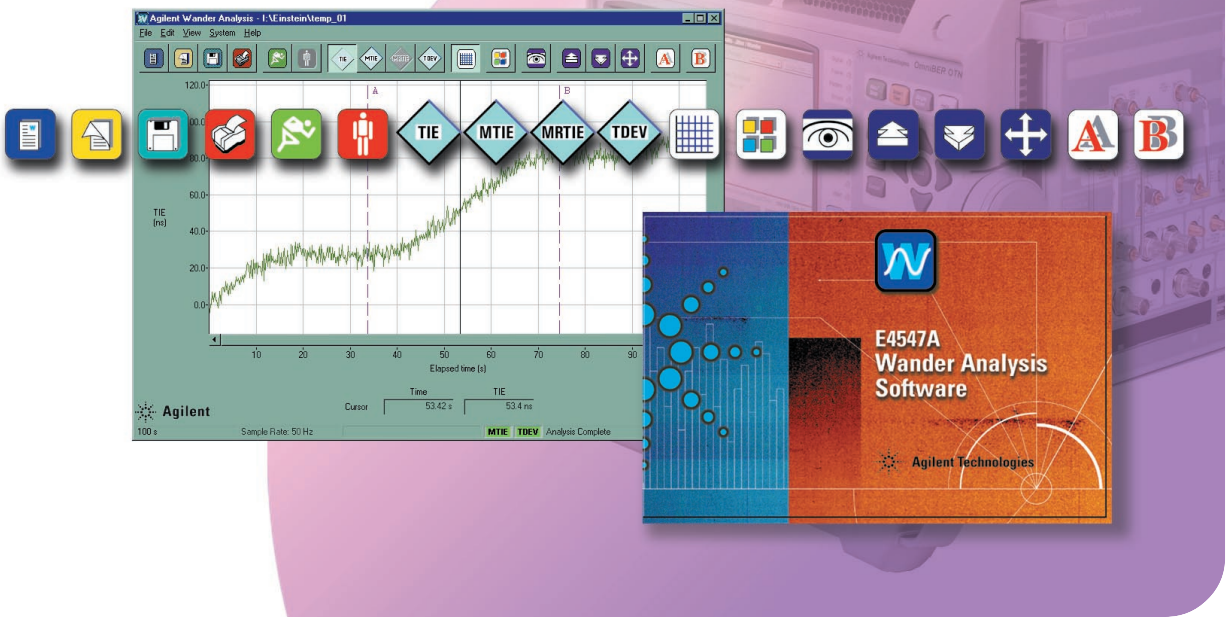
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# Characterize your network synchronization status as it develops

E4547A
wander analysis software




Agilent Technologies

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# Accurate wander testing with real-time MT

## Beat today's network synchronization challenges with ease

Installing and maintaining network equipment in poorly synchronized networks can be an adventure into the unknown. Hidden network synchronization problems could appear, even after commissioning, greatly affecting your revenue generating service. Fortunately, the Agilent Technologies OmniBER 718, 719 and OTN now have a powerful analysis tool to pinpoint synchronization problems, both quickly and accurately.

The E4547A wander analysis software combines with the OmniBER's acclaimed jitter and wander test capability to offer real-time calculation of key wander performance results. So when you're making MTIE, MRTIE and TDEV measurements, you'll have the results captured and processed in real-time. And you'll have the ability to identify problems as they develop – minimizing network downtime while maximizing revenues.

What's more, because the software is used in conjunction with the OmniBER analyzer, you can be sure your network equipment meets the latest ITU-T, Telcordia, ETSI and ANSI standards.

## Conform to industry standards with precise wander analysis

The Windows®-based E4547A wander analysis software streamlines measurement setup and controls the OmniBER analyzer via a PC or laptop*.

To measure the synchronization status of your network, use the E4547A's easy-to-operate graphical user interface. Measurement results are clearly presented graphically, making interpretation straightforward and fast. Apply built-in masks that comply with ITU-T, Telcordia, ETSI and ANSI standards. Or create your own. All masks provide pass/fail indicators, allowing you to see problems at a glance.

All wander measurements are available at all synchronous and PDH/T-carrier rate using the 2 Mb/s, DS1 or 2 MHz external master timing source as a reference.



The E4547A wander analysis software, together with the OmniBER family offers the complete jitter and wander solution for today's SONET/SDH networks. To find out more, contact your local Agilent sales representative.

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# IE/MRTIE/TDEV measurements

* The wander application runs on Windows 95, Windows 98, Windows NT4, Windows 2000 or Windows XP.
**Minimum PC requirements**:
Hard Disk, 2 Gbyte; Display, 800x600 16-bit color; 9-pin RS-232-C port.
**Processor**:
Windows 95/98, Windows NT4, Windows 2000: 166 MHz Pentium MMX.
Windows XP: 300 MHz Pentium MMX.
**Memory**:
Windows 95/98, Windows NT4, Windows 2000: 64 MB RAM.
Windows XP: 128 MB RAM.




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## Product literature

You'll find further details of the OmniBER analyzer's test capability in the following publications:

- OmniBER OTN product specifications publication no. 5988-3653EN, and configuration guides publication no. 5988-3654EN, 5988-7235EN and 5988-6834EN.
- OmniBER 718 product specifications publication no. 5988-5115EN and configuration guide publication no. 5988-5117EN.
- OmniBER 719 product specifications publication no. 5988-5123EN and configuration guide publication no. 5988-1124E.

The OmniBER OTN family of communication performance analyzers is the industry's most comprehensive solution for testing ITU-T G.709 optical channel and SONET/SDH devices, modules and sub-systems. Equipped with all standard telecom rates from 1.5 Mb/s to 40 Gb/s, 2.66 Gb/s (OTU-1), 10.71 Gb/s (OTU-2) and 43 Gb/s (OTU-3) optical channel, the OmniBER OTN keeps you at the cutting-edge of next generation transport applications. For further information refer to publication no. 5988-6646EN.



OmniBER OTN family

The Agilent Technologies OmniBER 718 communications performance analyzer is a rugged, portable one-box solution for manufacturing, installation and maintenance of SDH/SONET networks and network elements. It provides full PDH/T-carrier and SDH/SONET capability up to 2.5 Gb/s, including STM-16c/OC-48c payloads, ATM, POS and jitter. For further information, refer to publication 5988-5949EN.



OmniBER 718

The Agilent Technologies OmniBER 719 communications performance analyzer is a rugged, portable one-box solution for manufacturing, installation and maintenance of SONET networks and network elements. It provides full T-carrier and SDH/SONET capability up to OC-48, including OC-48c payloads, plus jitter, ATM and POS. For further information, refer to publication 5968-8741E.



OmniBER 719

*Agilent Technologies manufactures the E4547A wander analysis software under a quality system approved to the international standard ISO 9001 plus TickIT (BSI Registration Certificate No FM 10987).*

*Windows is a US registered trademark of Microsoft Corporation*

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