Agilent
PNA-X Microwave Network Analyzer

N5242A, 10 MHz to 26.5 GHz
2- and 4-ports

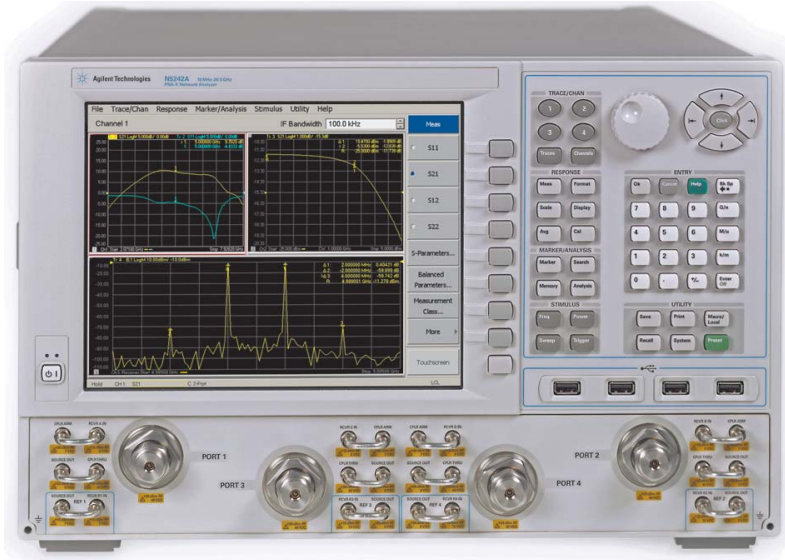## The premier-performance network analyzer for active device test

- 2- and 4-port analyzers with internal 2nd source for fast and simple mixer and converter measurements. Up to 35 times faster, as compared to using a traditional external source, for fixed-IF or swept-LO measurements.

- High-output power, low source harmonics, wide power sweep range, and high receiver compression for simple and accurate amplifier harmonics and compression measurements.

- Internal combining network and two internal sources for simplified two-tone and hot-S22 measurements. No need for an external combiner.

- Industry's only network analyzer with internal pulse modulators and pulse generators, for fast and simplified pulse measurements. Up to 30 times faster than using external modulators and generators.

- Internal switches for adding external filters, pre-amplifiers, and additional test equipment, while leaving the DUT connected to the front panel. No need to connect/reconnect the DUT.

- Large 10.4″ touch screen display, click-and-drag markers and zoom.

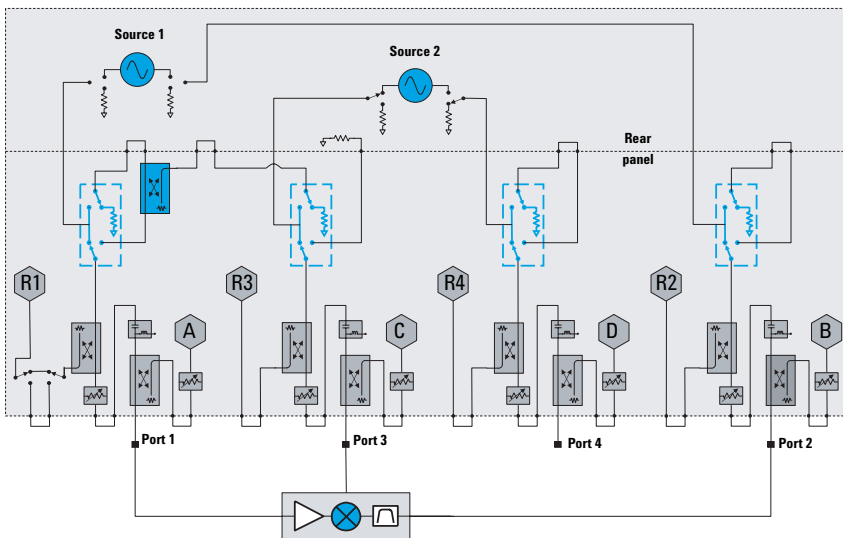### *Get industry-leading performance, accuracy, & the highest levels of test integration*

Agilent Technologies

PNA-X, the most flexible and most accurate network analyzer, built on the most popular and trusted microwave network analyzer platform - the PNA.

- Excellent RF performance
  - High-dynamic range: 130 dB at 24 GHz
  - Low trace noise: 0.0006 dB at 22 GHz, 1 kHz IFBW
  - High output power: +16 dBm at 24 GHz
  - Low source harmonics: –60 dBc at 24 GHz
  - Power sweep range (ALC): 40 dB at 24 GHz

- State-of-the-art calibration capabilities and wide-range of ECal modules
- Match-corrected conversion loss measurements and measurement of absolute group delay with Agilent's patented vector-mixer calibration technique
- Single-ended and balanced measurements
- 32 measurement channels, 16,001 points per channel
- Connectivity with Open Windows® XP, 6 USB connectors, LAN, GPIB

RF, IF, and LO match measurements with true 4-port analyzer. Couplers on all ports, making reflection measurements possible on all 4-ports. Simple and fast IMD measurements with the two internal sources and internal combiner.

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