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Good, Better, Best Value Bundles

Keysight N9000B CXA Signal Analyzer

Ordering Options for Your CXA is Easier, Faster, and More Economical!

The N9000B CXA signal analyzer is crafted for essential RF and microwave signal characterizations, that span from frequency selective power measurements, to noise analysis, EMI emission test, and digital signal demodulation analysis. Keysight made the CXA signal analyzer scalable via kinds of performance options to address your different testing needs while remain cost-effective. Knowing what options you need to order could be intimidating, so we have just put together a set of Good, Better, Best value bundles – making ordering these options easier, faster and more economical than ever before.

Get More

Select a Good, Better, or Best Value Bundle is almost all you need to consider, leaving rest of the jobs to us.

These bundles make ordering additional options more economical than ever before.

What's included in each value bundle?

To take advantage of each value bundle of CXA signal analyzer, simply select one of the following Good, Better, or Best value bundles.

Options	Descriptions	Good-value bundle	Better-value bundle	Best-value bundle
N9000B-503	Base instrument, 3 GHz	✓		
N9000B-507	Base instrument, 7.5 GHz		✓	
N9000B-526	Base instrument, 26.5 GHz			✓
N9000B-P03	Preamplifier, 3 GHz	✓		
N9000B-P07	Preamplifier, 7.5 GHz		✓	
N9000B-P26	Preamplifier, 26.5 GHz			✓
N9000B-FSA	Fine resolution attenuator	✓	✓	✓
N9000B-PFR	Precision frequency reference	✓	✓	✓
Your savings		**Up to 10%**	**Up to 15%**	**Up to 20%**

Visiting our website Good, Better, Best Value Bundles | Keysight for the latest information.

Bundle Components Overview

The following sections provide brief overviews for each of the options in the Good/Better/Best value bundles.

Base instrument options

These options define the frequency range of the CXA signal analyzer. In this value bundle program, we offer the following frequency range choices:

- Option 503: Frequency range, 9 kHz to 3 GHz
- Option 507: Frequency range, 9 kHz to 7.5 GHz
- Option 526: Frequency range, 9 kHz to 26.5 GHz

You may look up the full version of N9000B configuration guide for more detailed information.

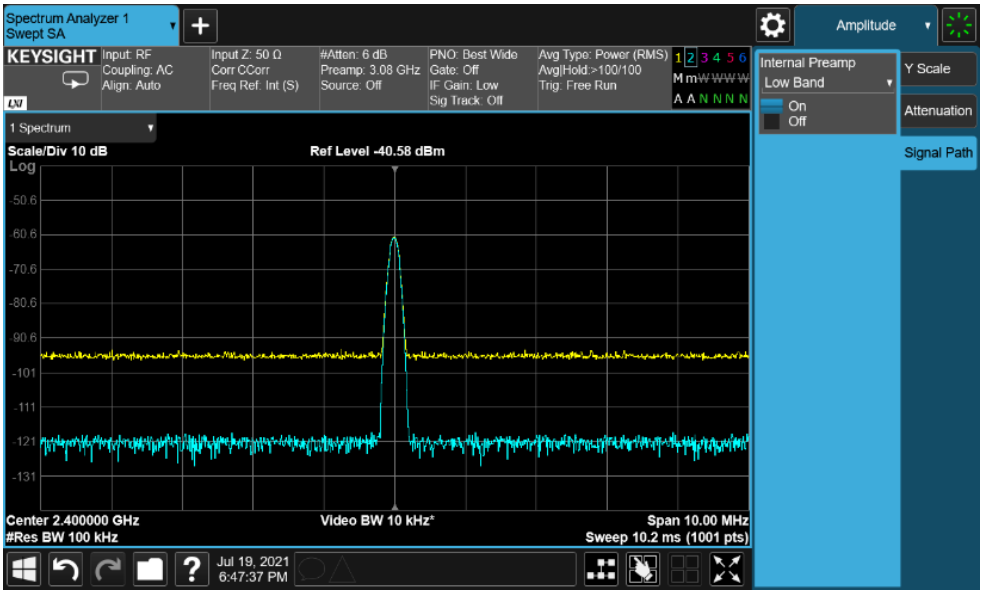
Performance options

Built-in preamplifiers:

One of the primary ways you use spectrum analyzers is for searching out and measuring low-level signals. The limitation in these measurements is the noise generated within the spectrum analyzer itself, that appears on the display as the noise floor (also known as displayed average noise level (DANL)), and the noise figure of the whole system. Signals below the DANL are masked by the noise and cannot be seen.

Therefore, you do whatever you can to set up the analyzer for its best sensitivity for detecting low-level narrwoband signals. Besides common methods such as reducing the input attentuation, using minmum resolution bandwidth and video resolution bandwidth, you can also use the built-in preamplifier to improve the noise floor of the N9000B CXA signal analyzer:

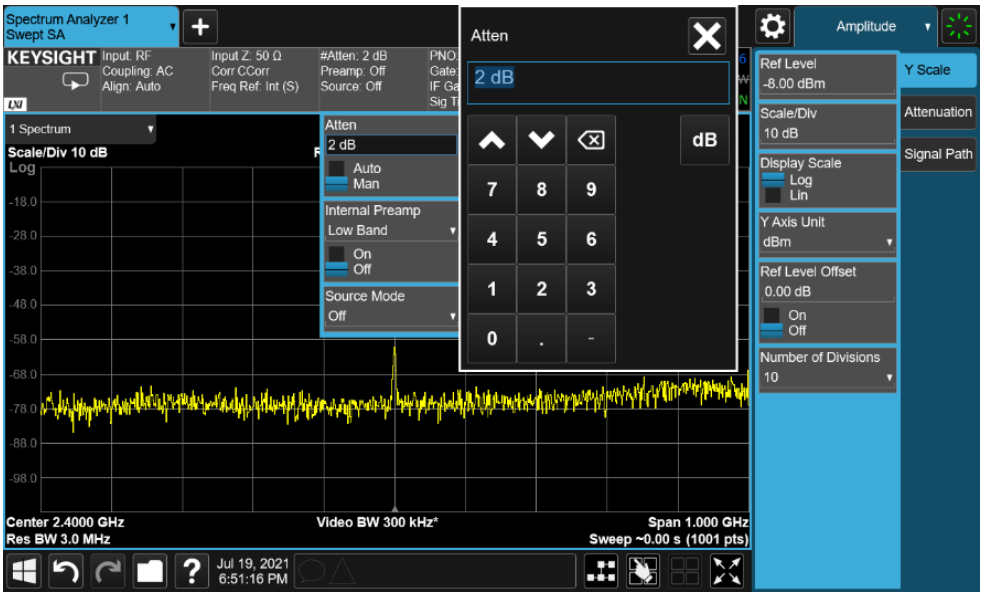
- Option P03: Preamplifier, 3 GHz
- Option P07: Preamplifier, 7.5 GHz



Refer to application note (AN-150, publish number 5952-0292) for more detailed introduction.

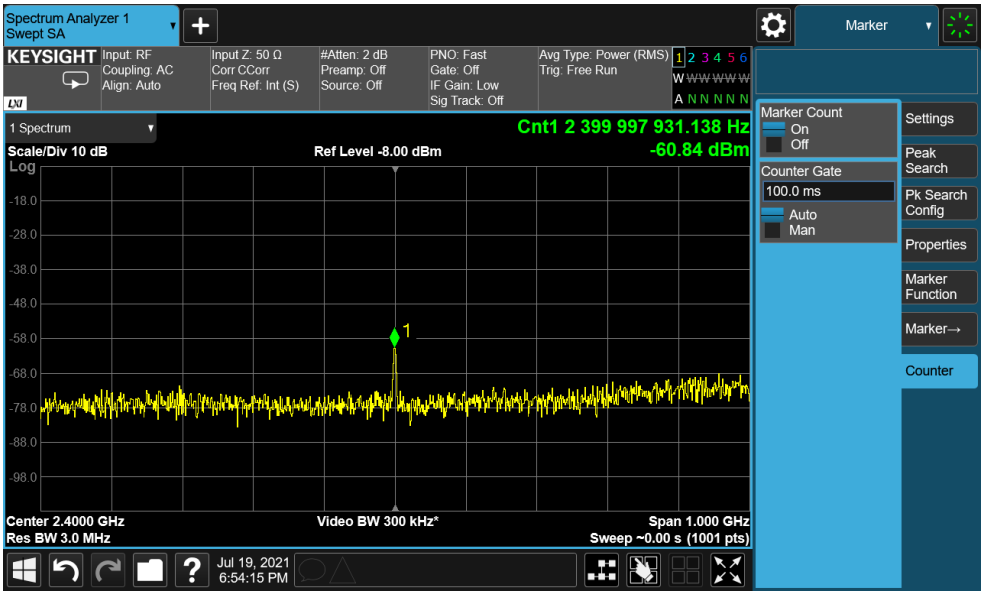
Fine resolution attenuator:

You get optimized signal power hitting at the mixer of the analyzer by adjusting the input attenuator. N9000B offers 10-dB steps for its attenuator as standard, and option FSA allows smaller footprint that is down to 2-dB steps.



Precision frequency reference:

The higher aging rate of the reference, the better frequency readout accuracy is for a signal analyzer. Option PFR (precision frequency reference) improves the aging rate of the reference of the CXA signal analyzer from $\pm 1\times10^{-6}$/year to $\pm 1\times10^{-7}$/year



Refer to CXA signal analyzer, data sheet 5992-1274EN for more information

Änderungen und Irrtümer vorbehalten. dataTec 13-11-2021 | © Keysight Technologies: 3121-1415.EN | October 15, 2021

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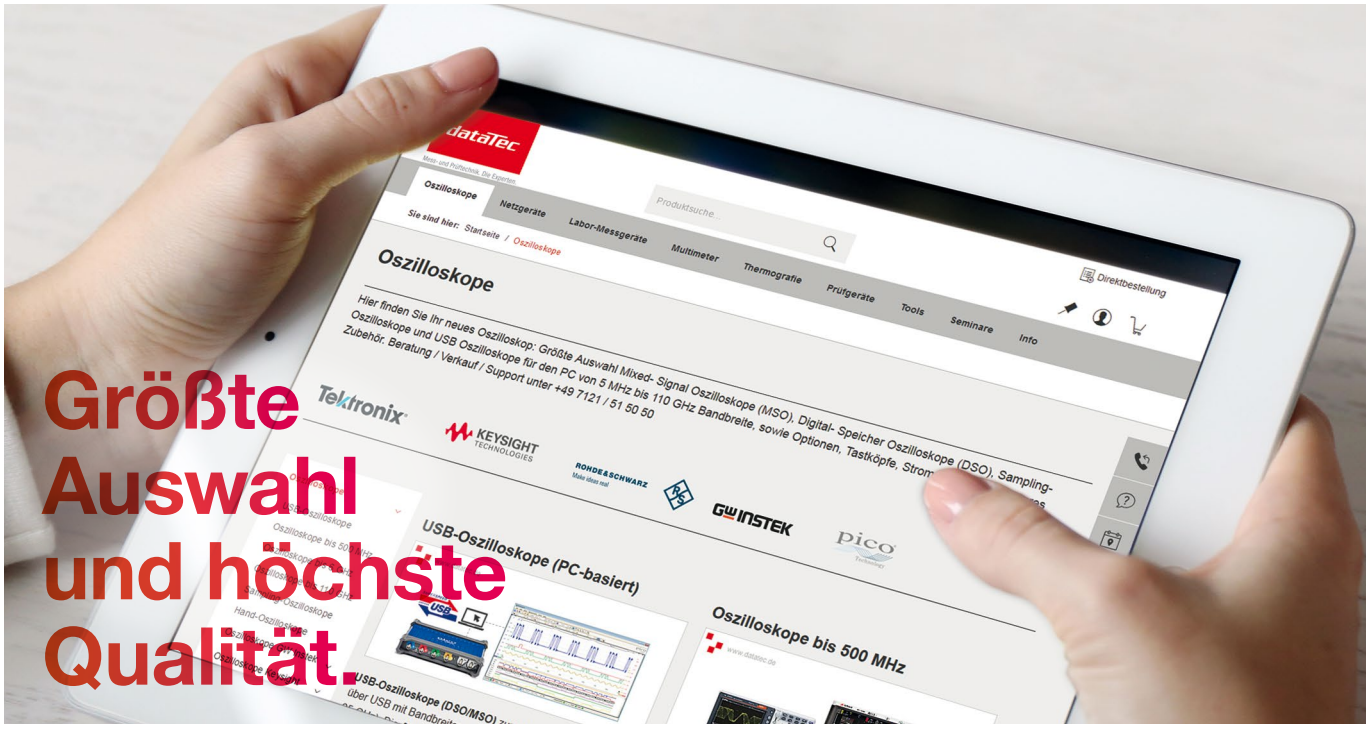

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