

Dear reader,

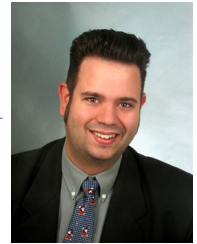
Some time ago we announced the OMICRON Lab Newsletter service on our Web site. We both dislike being overwhelmed with periodic mailings therefore we decided to send out at the maximum 2 to 3 newsletters a year. But we never thought that it will take about a year before our first Newsletter is forwarded to you. Actually we feel sorry as there were many events that would have been worth mentioning and we would have liked to share with you. In order to keep in touch and inform you about the latest tidings we will provide you with the OMICRON Lab Newsletter more frequently from now on. Here it is – our first Newsletter.



Andreas Bodenmüller

Andreas Bodenmüller

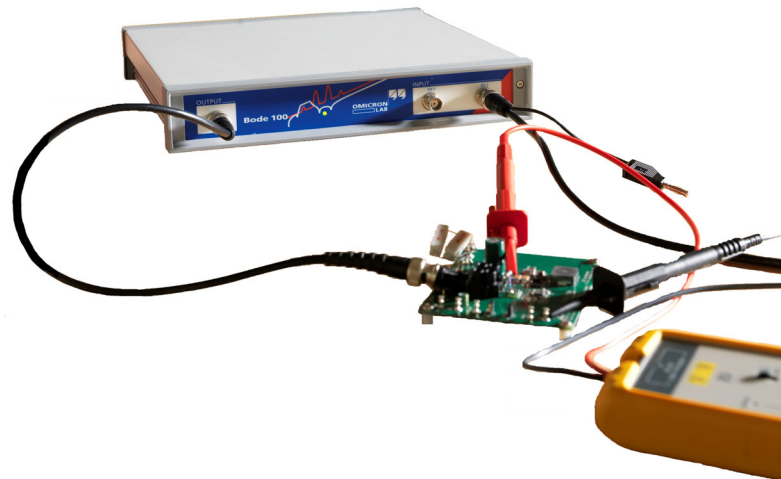
B. Baumgartner
Bernhard Baumgartner



Latest News

New Software – Bode Analyzer Suite V2.2

In December we issued the latest version of the Bode Analyzer Suite to our customers. The Bode Analyzer Suite V2.2 provides several new functionalities that allow using Bode 100 in an even wider application field. The extended frequency range (1Hz – 40MHz) for example supports applications in the medical industry, while the Shaped Level function that allows adjusting the output amplitude vs. frequency is a monumental benefit for control circuit testing. For more flexibility in impedance measurements, at broadcast antennas for example, a new Frequency Sweep mode was developed. It supports the usage of external amplifiers and couplers and therefore allows working with higher source levels. For more information about the [Bode Analyzer Suite V2.2](#) and free [download](#) refer to our Web site.



New Application Note – DC Power Supply Analysis

Electronic devices nowadays tend to have a smaller and more multifunctional design. Due to the higher technological complexity of electronic circuits also the sensitivity to external influences increases and therefore the quality requirements on their power supplies.

"DC Power Supply Analysis" shows how Bode 100 can be used to measure the indicators for the stability of a control loop and to visualize the influence of input voltage and load current changes. These tests provide significant information on the behavior of a DC/DC converter in real life operation. ["DC Power Supply Analysis"](#) is available on our Web site.