



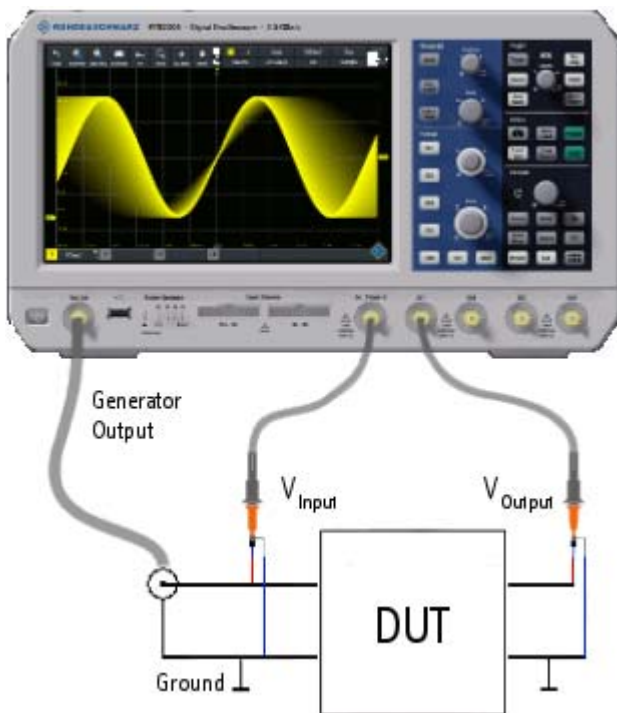
Applications > Bode Plot (Option R&S RTB-K36) > Using a Bode Plot

Using a Bode Plot

To run a Bode plot measurement

1. Prepare the measurement setup. See "[Connecting the test setup](#)".
2. Start the Bode plot option. See "[Starting the Bode plot](#)".
3. Set the required parameters. See "[Setting up the Bode plot](#)".

Connecting the test setup



Bode Plot Test Setup

1. Connect the DUT input to the generator output of the oscilloscope.
2. Connect the input of your DUT to a channel input of the oscilloscope.
3. Connect the output of your DUT to another channel input of the oscilloscope.
4. Align the probes.



To avoid measurement uncertainties, make sure that the cables connecting the input and the output of your DUT to the oscilloscope are from similar length.

Starting the Bode plot

1. Press the  [Apps Selection] key.
2. Tap "Bode Plot".

The Bode plot window opens.

Setting up the Bode plot

1. In the Bode window, select the channels for the "Input" and "Output" signal.
2. Set the "Start" and "Stop" frequency for the frequency sweep range.
3. Select the number of "Points" to be shown per decade.
4. Set the amplitude for the measurement.
5. If necessary, open the "Setup" dialog to refine the settings:
 - a. Set an "Amplitude Profile" for systems with sensitive circuits.
 - b. Set the "Maximum Phase" of the system.
 - c. Set a "Meas. Delay" for systems that need more time to adapt to a new frequency.
6. Press "Run" to start the measurement.
7. If necessary, press "Save" to save the measurement results to a file.