

A comprehensive measurement and diagnostic tool for developers

Line Interface Stabilization Network

Using the built-in DM, CM and single line measurement, developers can easily locate the origin of a noise problem. The built-in limiter protects your spectrum analyzer against transients.

Measure noise in DC power lines.

- Differential mode (DM)
- Common mode (CM)
- Ch1 or Ch2
- Artificial hand grounding
- Low-pass filter 35MHz
- High-pass filter 9kHz
- Built-in limiter
- Measurement range 9 - 110MHz
- Attn 10dB



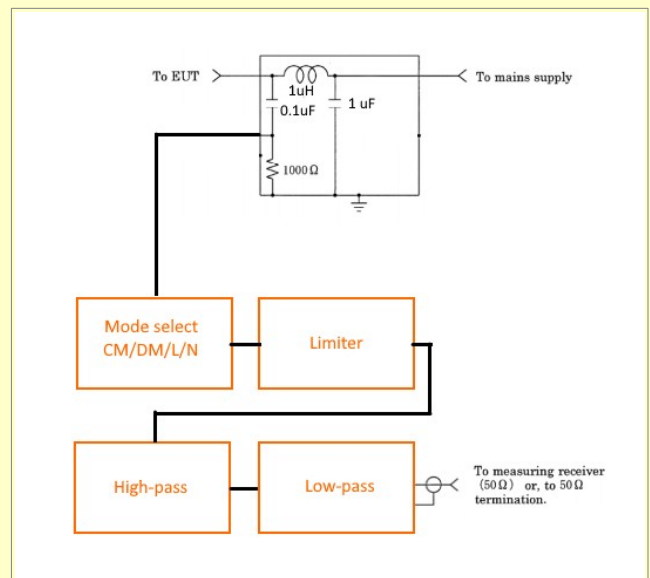
Connections

- BNC to Spectrum analyzer
- 0 ~ 250V_{DC} 16A to DUT
- Artificial hand

The selectable low- and high-pass filters eliminate measurement errors due to clipping of the measurement receiver.

This measurement instrument is intended for electronic engineers dealing with devices with internal switching power supplies and connections to the outside world.

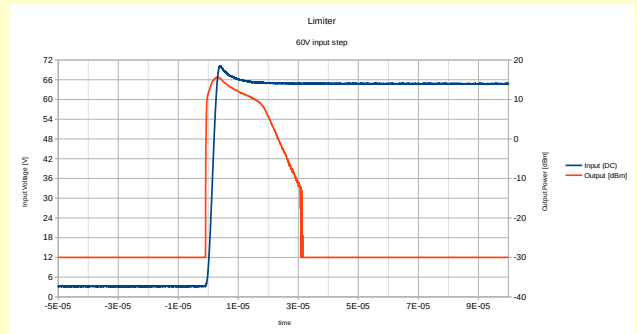
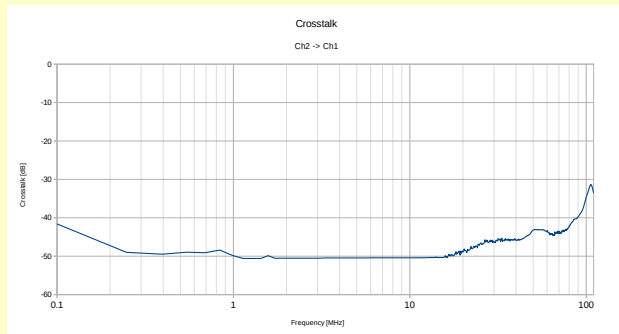
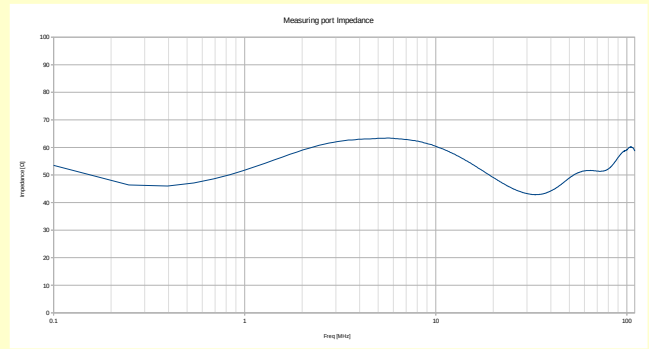
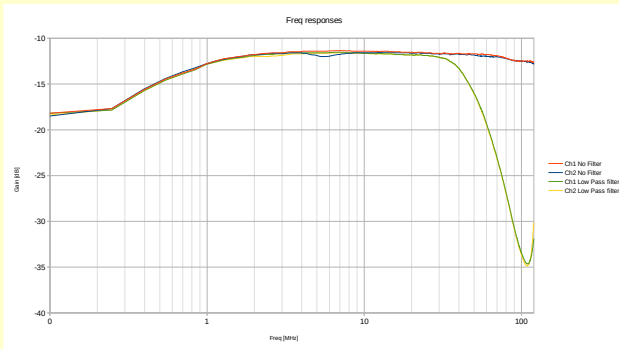
The circuit used, conforms to the specifications of CISPR 25 (110MHz).



It is design for peaks up to 30A without any loss of linearity.



The unit has been designed using RF-techniques to provide a clean flat measurement band, ripple free filtering and very low cross-talk. The low-pass and high-pass filters help to prevent measurement errors due to out-of-band signals that may clip in the spectrum analyzer.



To protect your spectrum analyzer, the unit is equipped with a fixed limiter/attenuator.

Ch1/Ch2 and combined

Conducted noise can be measured on Ch1 and Ch2 feeds. The Common Mode (CM) provides a combined signal (Ch1 + Ch2) and Differential mode (DM) provides a difference signal (Ch1 – Ch2).

Together with the switchable ground and artificial hand connection these modes are extremely useful for understanding the noise source so appropriate measures may be designed.

Distributor