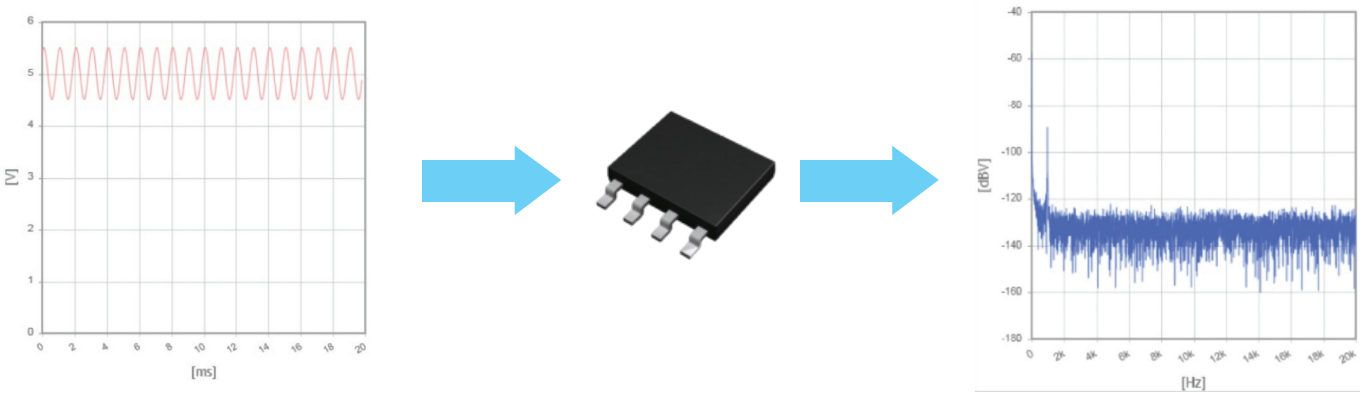
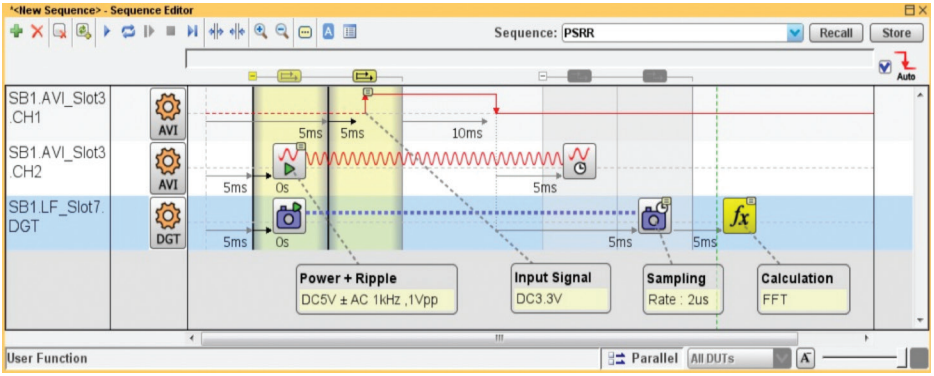
ADVANTEST

PSRR Measurement

EVA100 MEASUREMENT SYSTEM



PSRR = 20 Log (⊿Vout / ⊿Vsupply) [dB]

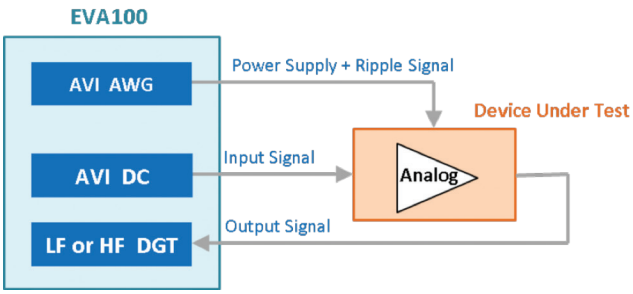


PSRR MEASUREMENT FOR ANALOG ICs

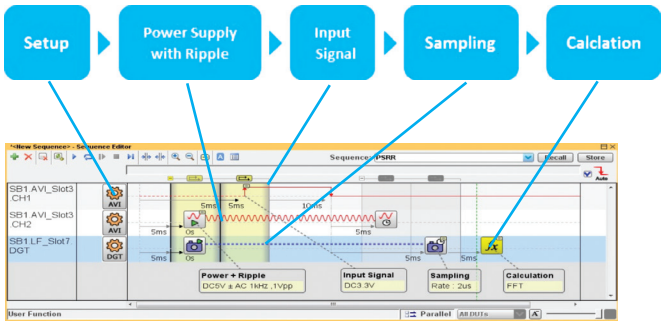
Make easy and accurate PSRR measurements
using simple measurement settings.

■ The PSRR (Power Supply Rejection Ratio) is one of the common parameters for analog ICs. This measurement requires an output ripple and waveform measurement then a ripple rejection ratio calculation. The EVA100 has all of the needed functions for PSRR measurement contained in an easy-to-use template.

- VI source with arbitrary waveform generator (AWG) generates power supply with ripple
- Waveform sampling by high-accuracy AWG/DGT module (HF or LF)
- PSRR calculation function automatically analyzes ripple rejection ratio

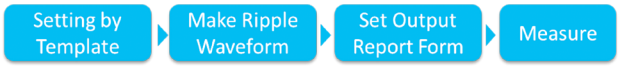


■ Making Measurements with Intuitive GUII

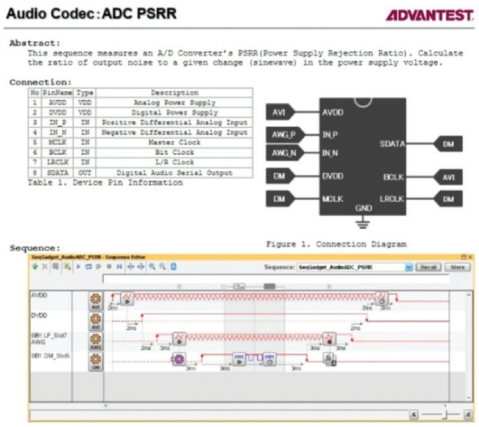


- Easy-to-set measurement timing and calculation
- Comments can be added to document measurement items or conditions.

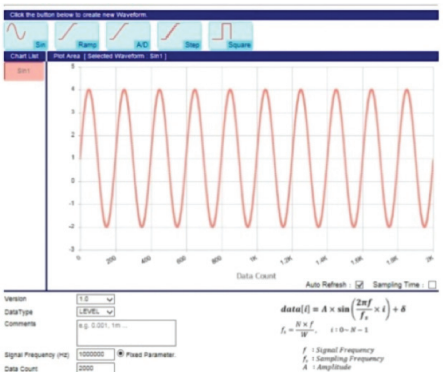
■ Easy Settings by Template



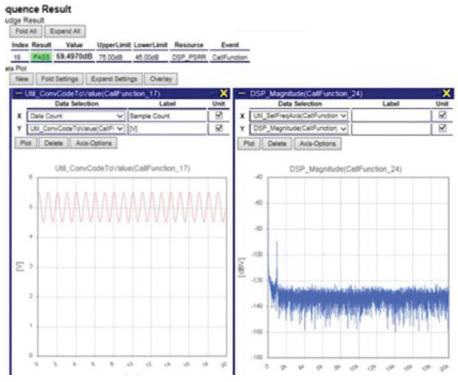
- PSRR measurement template (Sequence Gadget)



- Ripple waveform (*Waveform Designer)



- Measurement report (Report Generator)



Ripple PSRR

*Can be downloaded after registration

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