PSRR Measurement

**EVA100 MEASUREMENT SYSTEM**

\[
\text{PSRR} = 20 \log \left( \frac{\Delta V_{\text{out}}}{\Delta V_{\text{supply}}} \right) \text{ [dB]}
\]

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

**Easy Settings by Template**

- PSRR measurement template (Sequence Gadget)
- Ripple waveform (*Waveform Designer)
- Measurement report (Report Generator)

**Making Measurements with Intuitive GUI**

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