

Typical Performance Curves

SMC11 *Puy Mary* Ultra-Low Noise Current Source

C-Series Modules – Diode Laser Controller

Important Notice

These specifications apply to the SMC11-R18B module.
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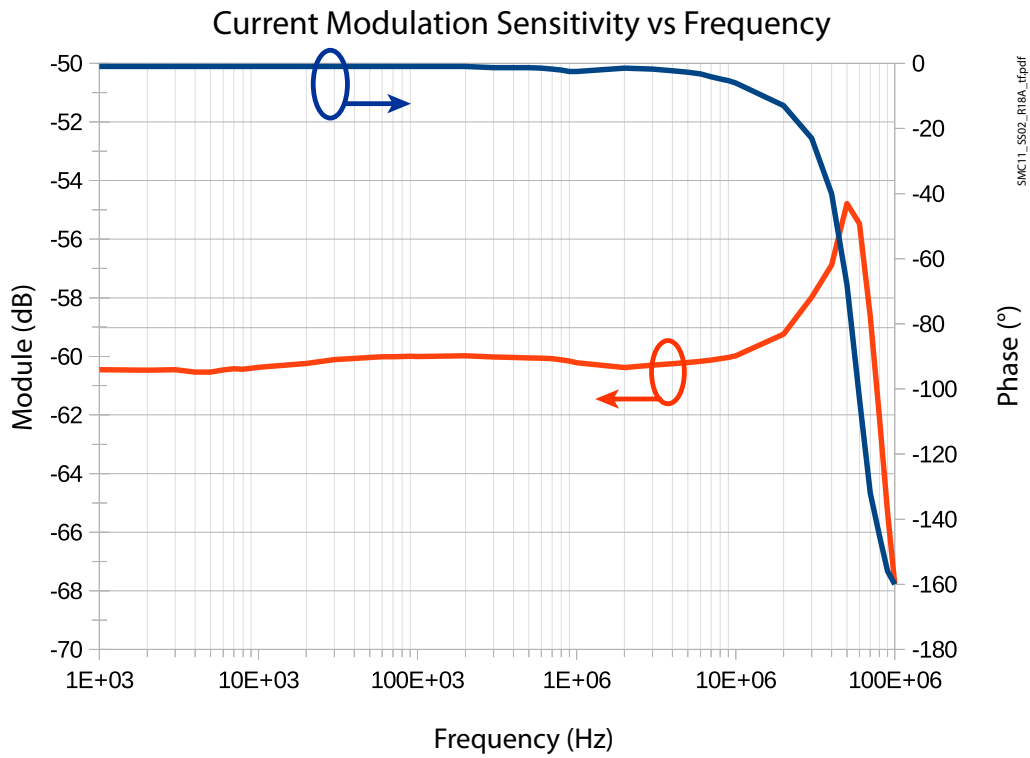


Figure 1: Current modulation using the SERVO Input - Frequency response

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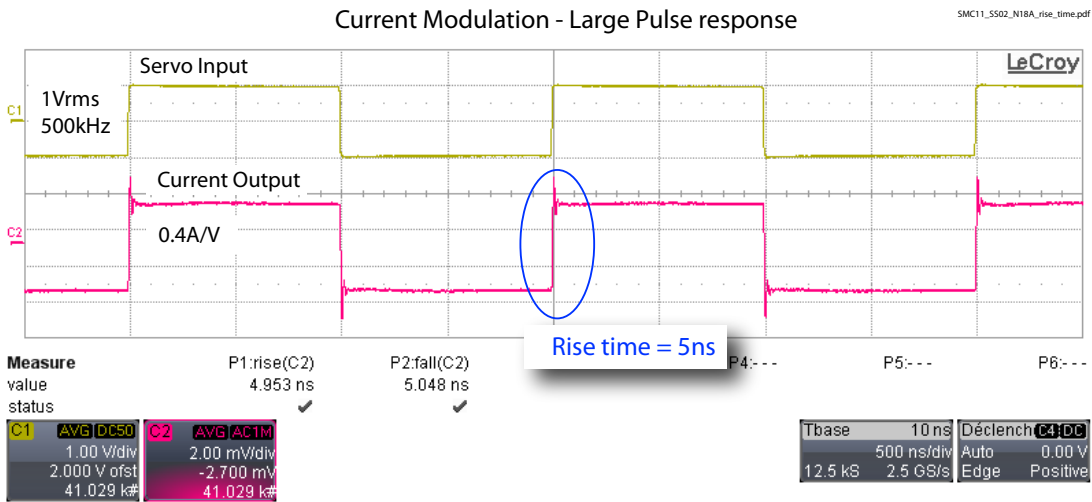


Figure 2: Current modulation using the SERVO Input - Rise time

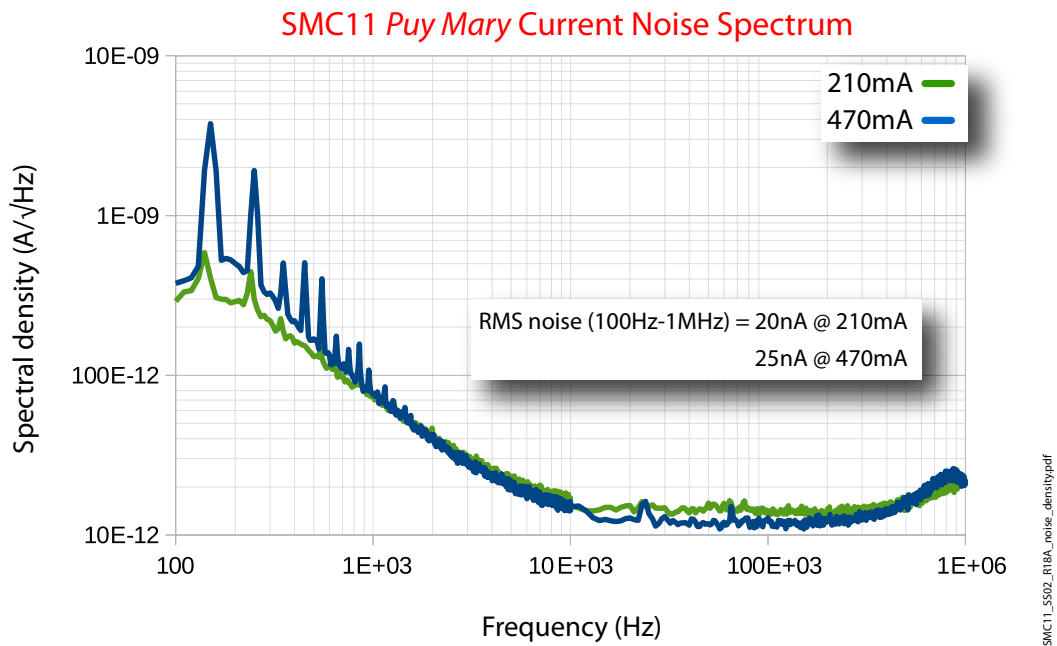


Figure 3: Current Noise Density vs. Frequency.

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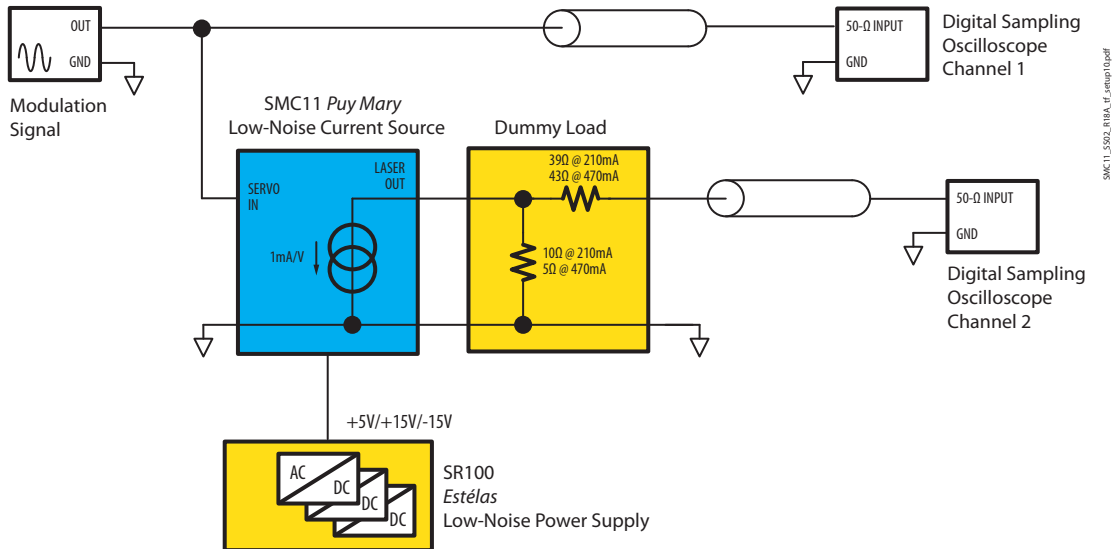


Figure 4: Current modulation (SERVO Input) - Rise time and frequency response test circuit

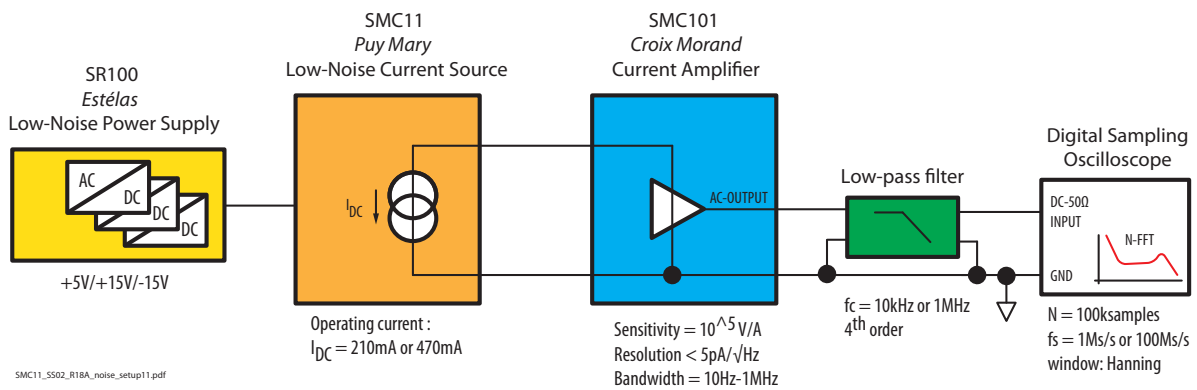


Figure 5: Current noise test circuit.