Hold fix V_{out} and measure I_{core} to store $I_{core} = f(V_{out})$ in a look-up table

Load Characterization

Waveform Measurement Activate SC-DCDC

- Measure power P_{in} drawn from the external supply
- Measure rippling V_{out} waveform

Integrate the power Pout delivered to the load

delivered to the load
$$P_{out} = \frac{1}{t_{bm}} \int_{0}^{t_{bm}} V_{out} \times I_{out} dt = \frac{1}{t_{bm}} \int_{0}^{t_{bm}} V_{out} \times f(V_{out}) dt$$

Compute $eff = \frac{P_{out}}{P_{out}}$



