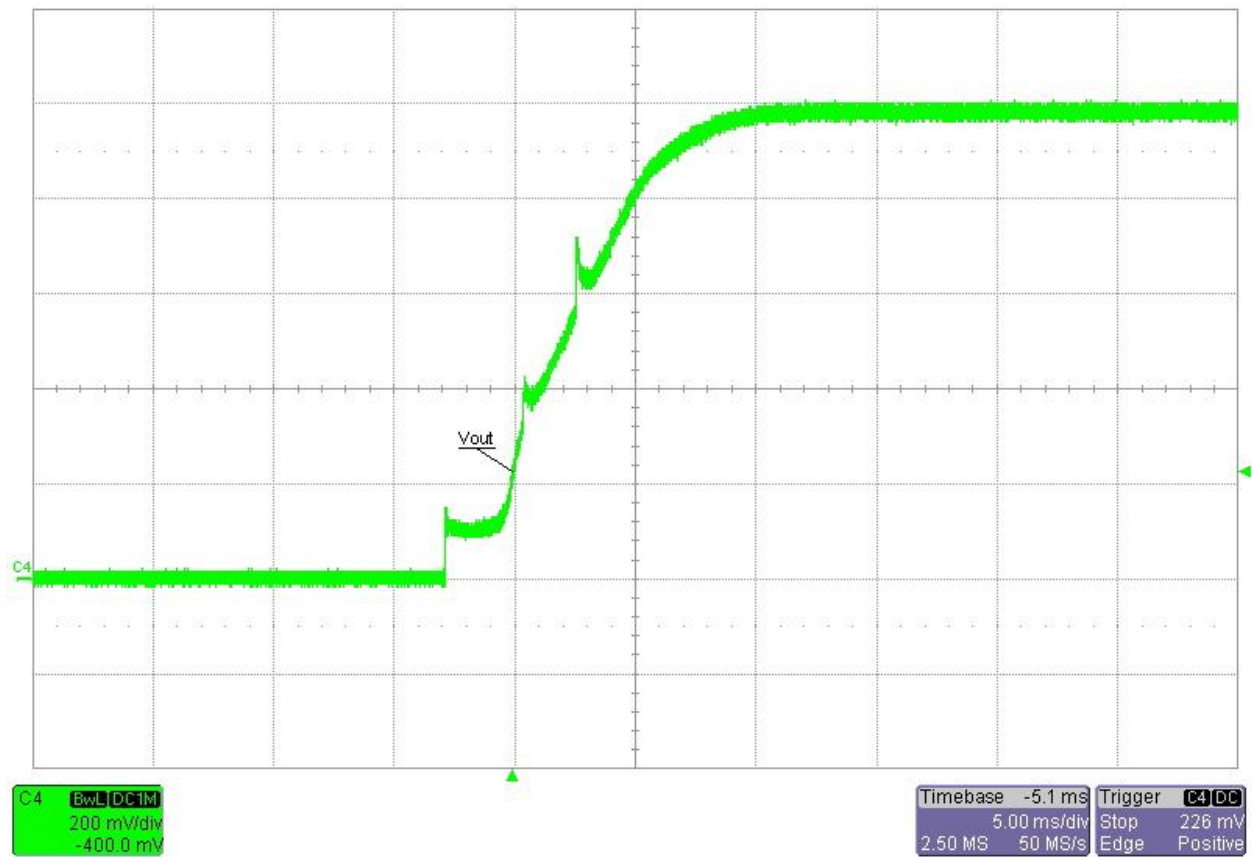


TPS57114: 1.0V@3.0A

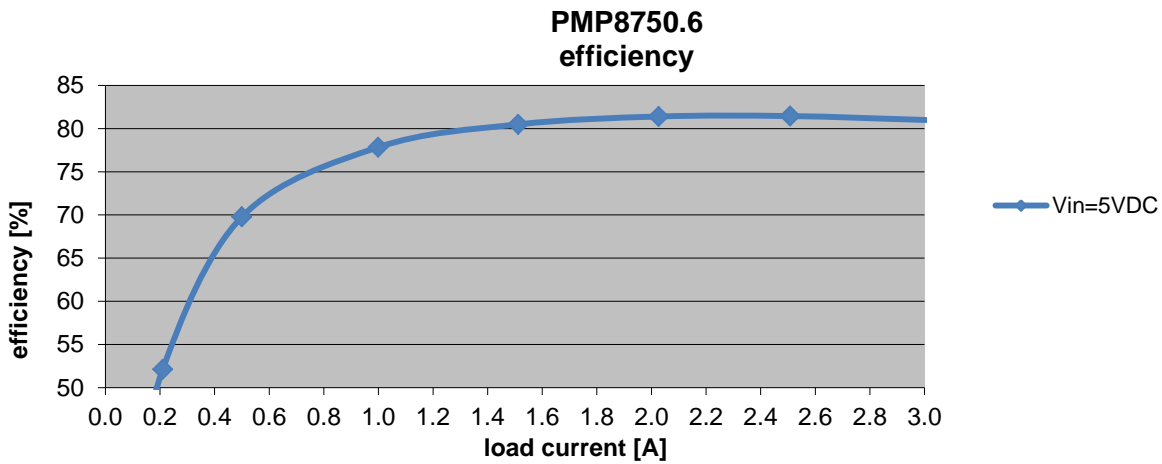
1 Startup

Input voltage = 5VDC

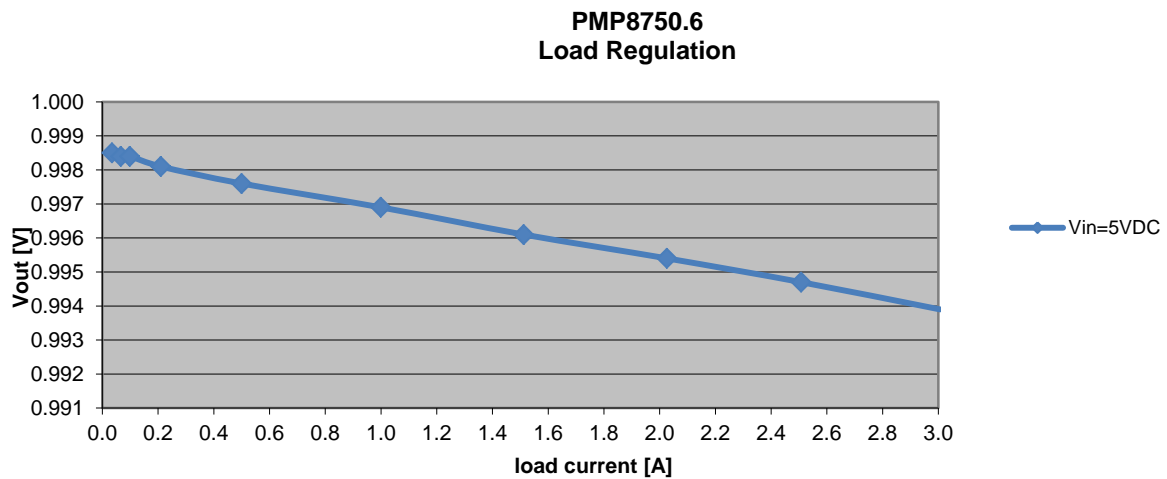
Load current = full load (3.0A)



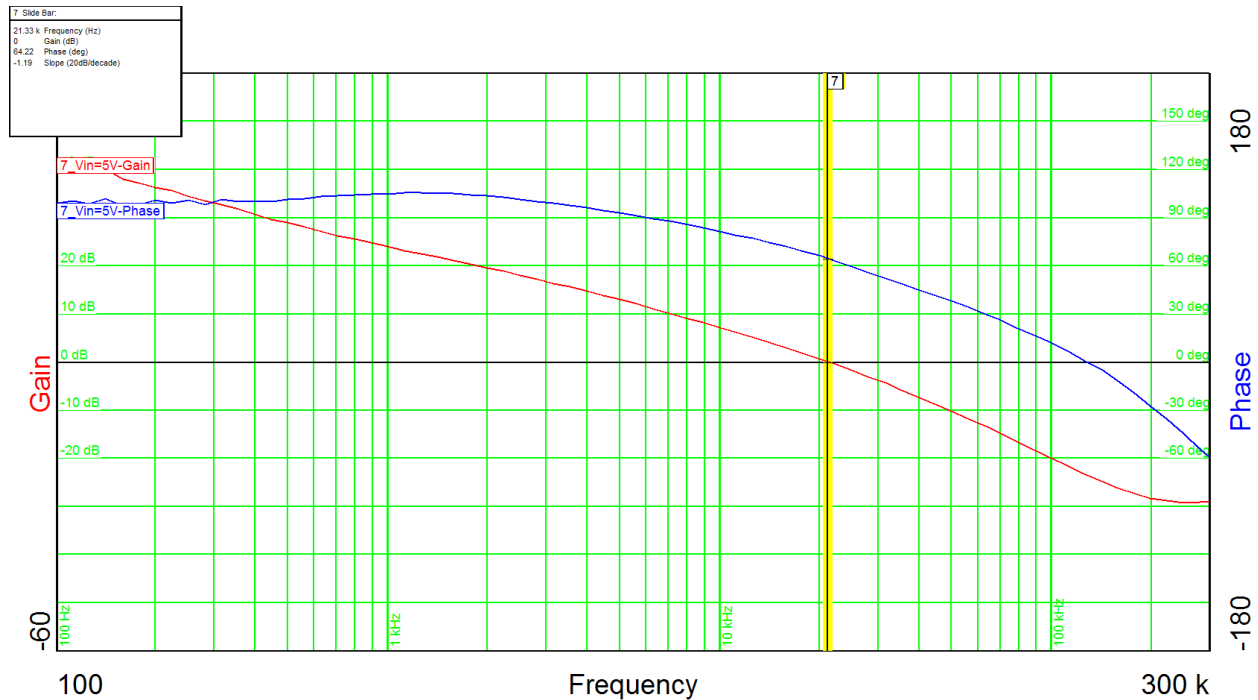
2 Efficiency



3 Load regulation



4 Control Loop Frequency Response

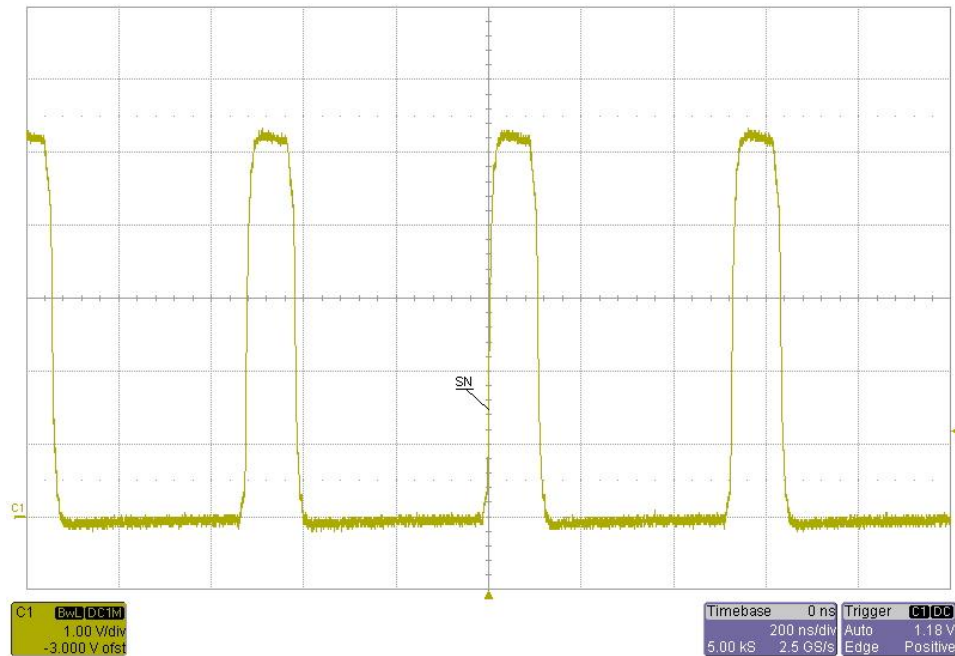


Output power = 1.0V@3.0A
Input voltage = 5VDC
Phase margin = 64°
Bandwidth = 21.3kHz

5 Switch Node

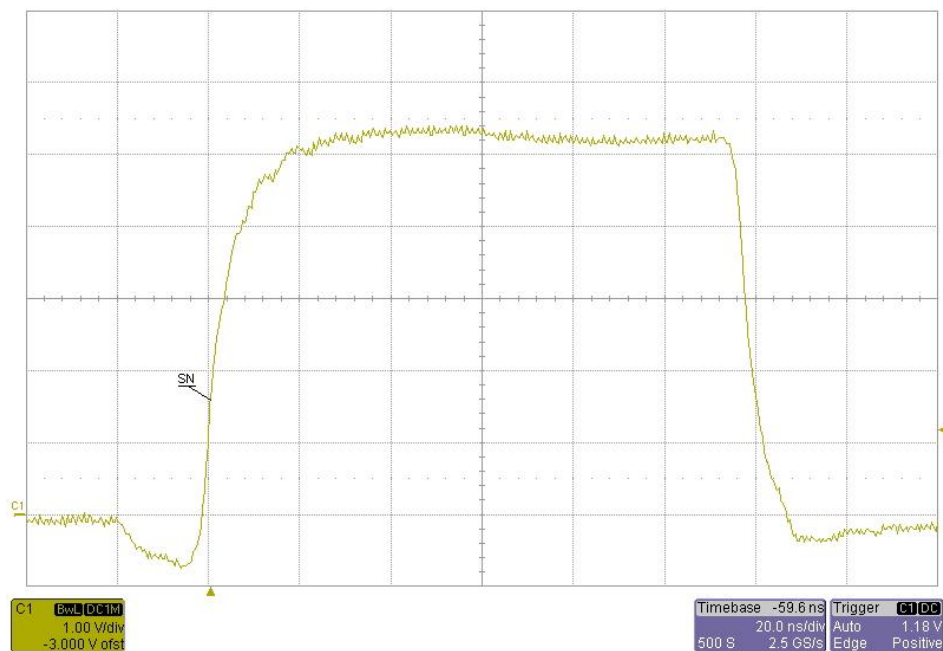
Input voltage = 5VDC

Load current = full load (3.0A)



Input voltage = 5VDC

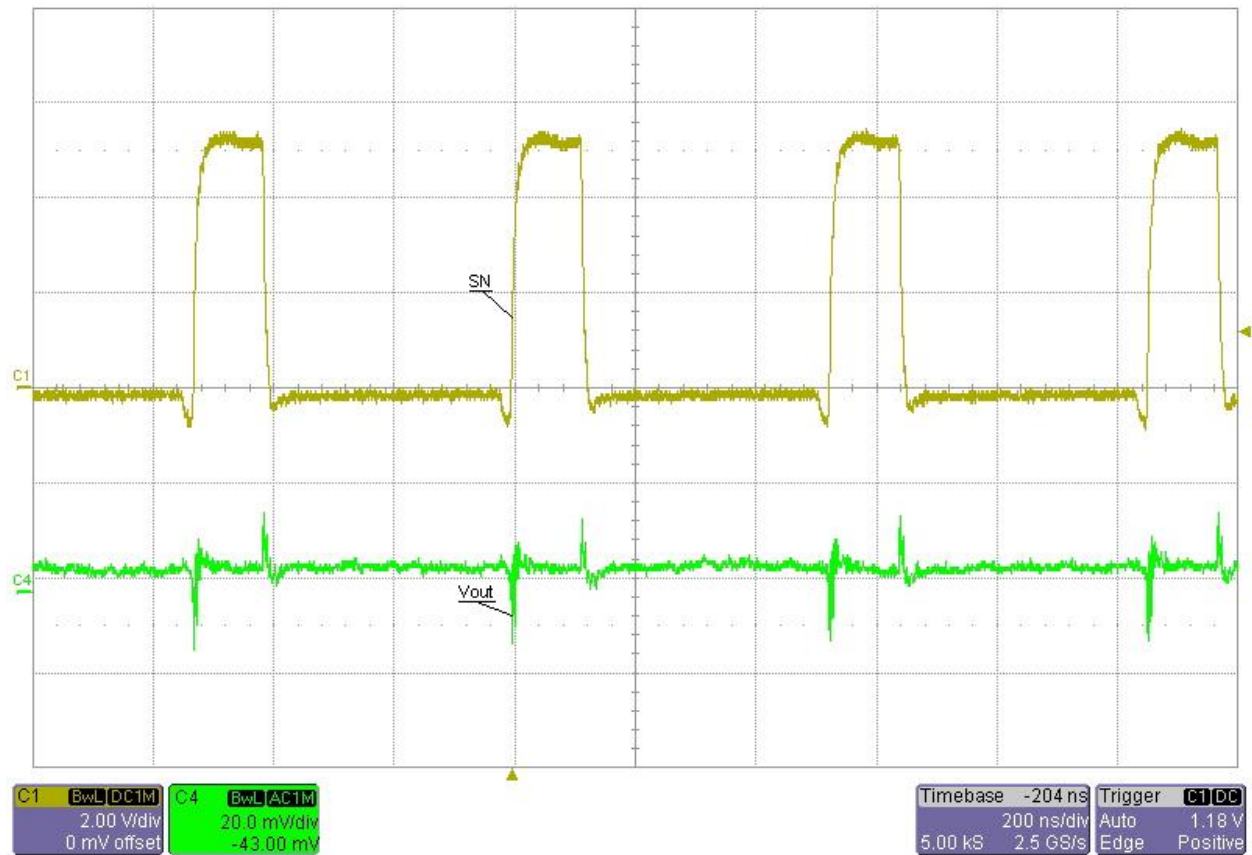
Load current = full load (3.0A)



6 Output ripple voltage

Input voltage = 5VDC

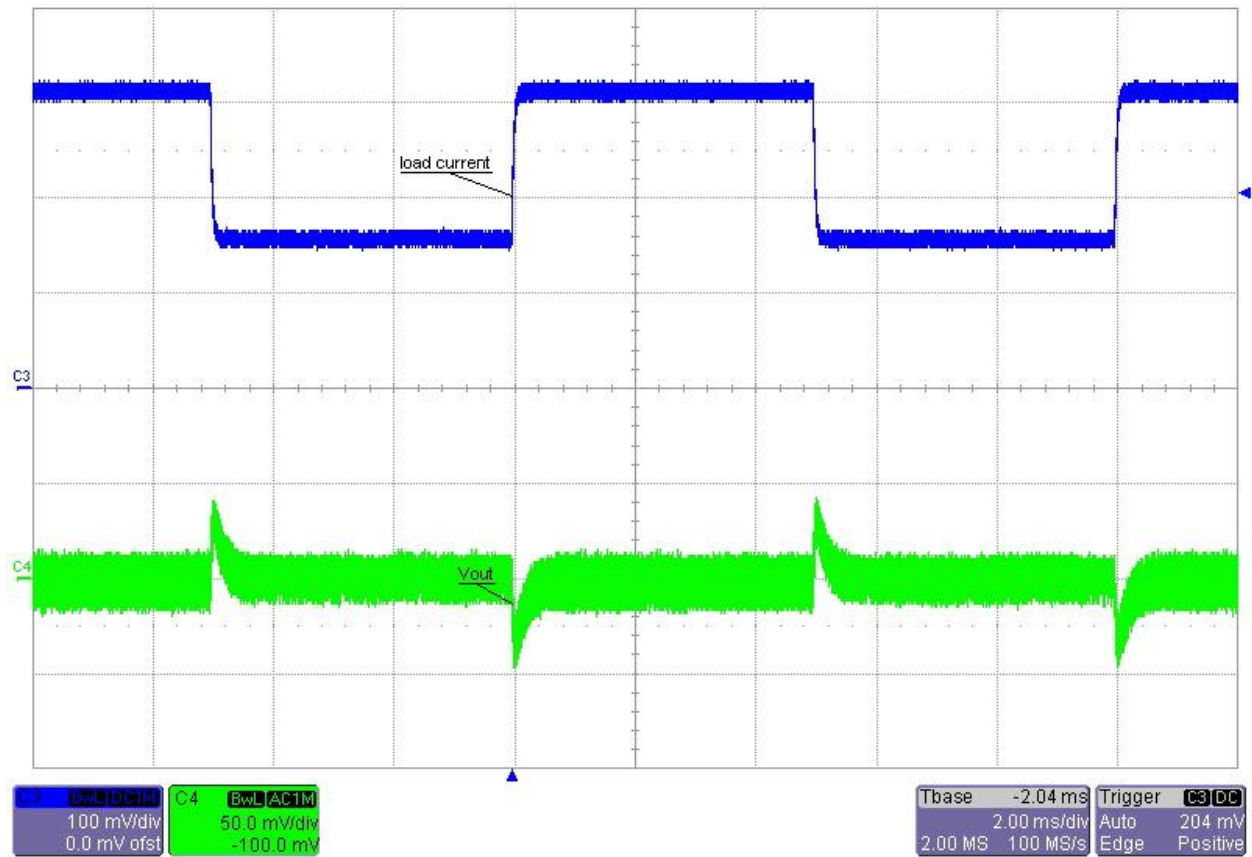
Load current = full load (3.0A)



7 Load Transients

Input voltage = 5VDC

Load current = 1.5A to 3.0A



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