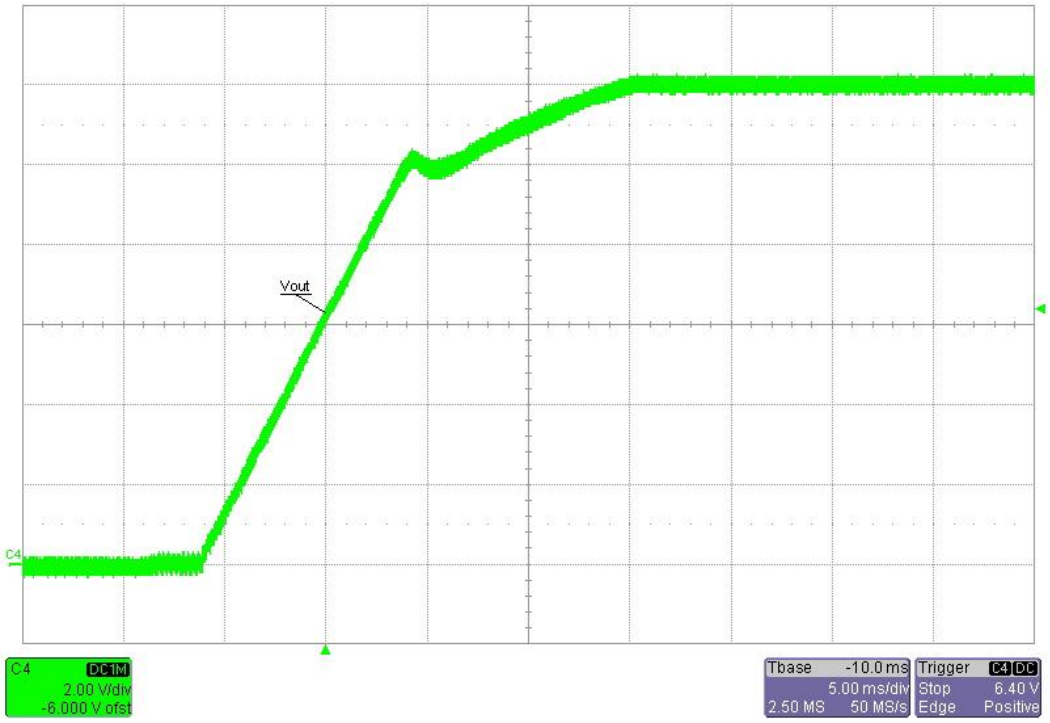
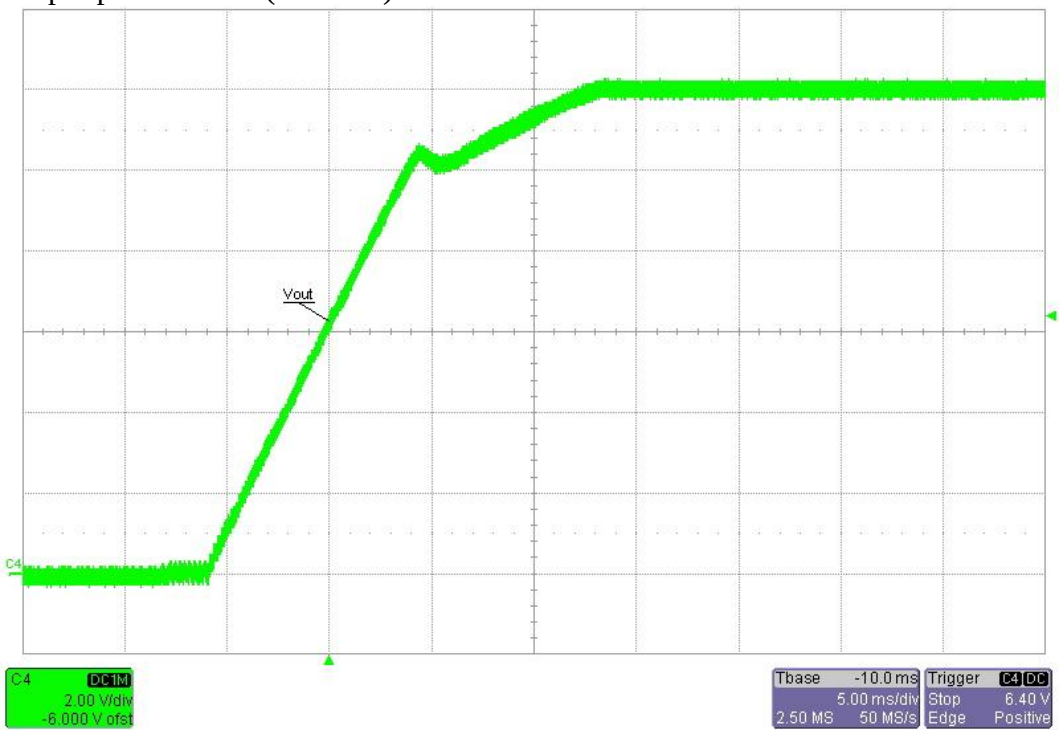
All measurements are done with a DC input voltage.

1 Startup

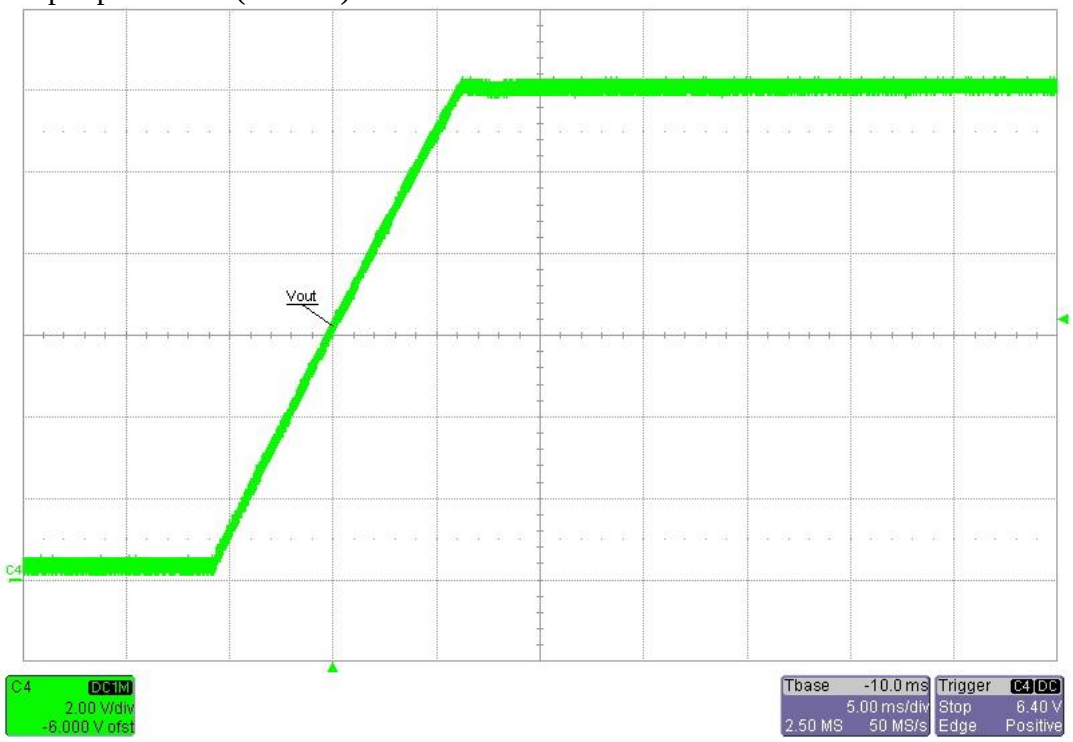
Input voltage = 127VDC
Output power = 5W (full load)



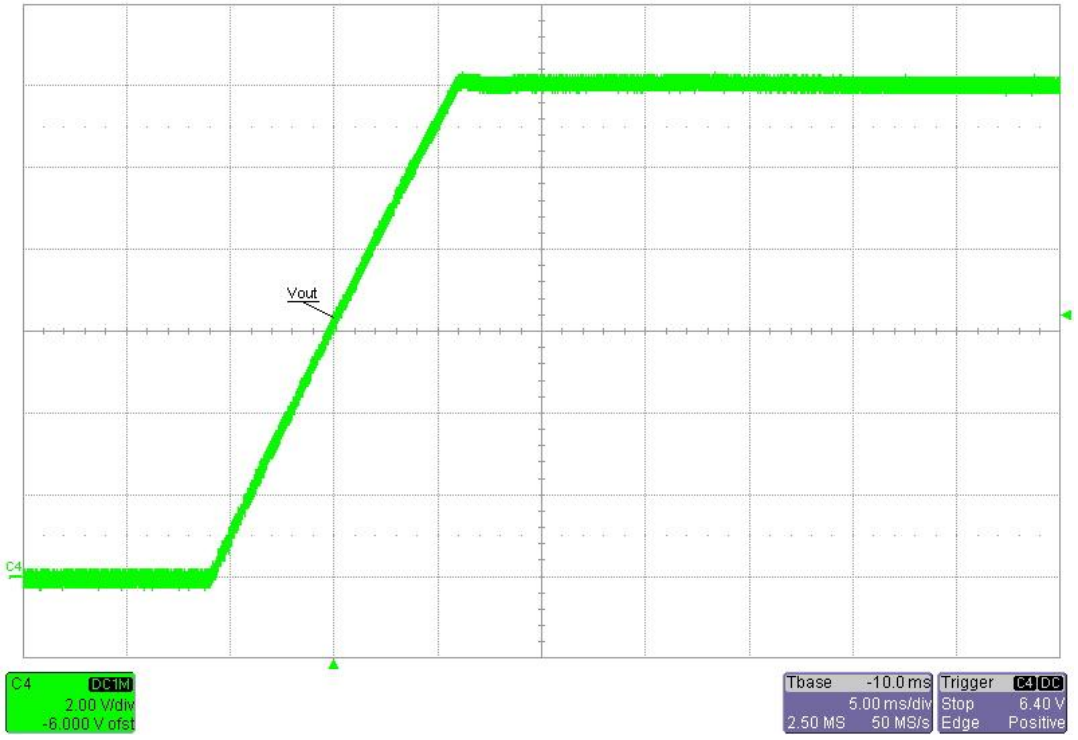
Input voltage = 375VDC
Output power = 5W (full load)



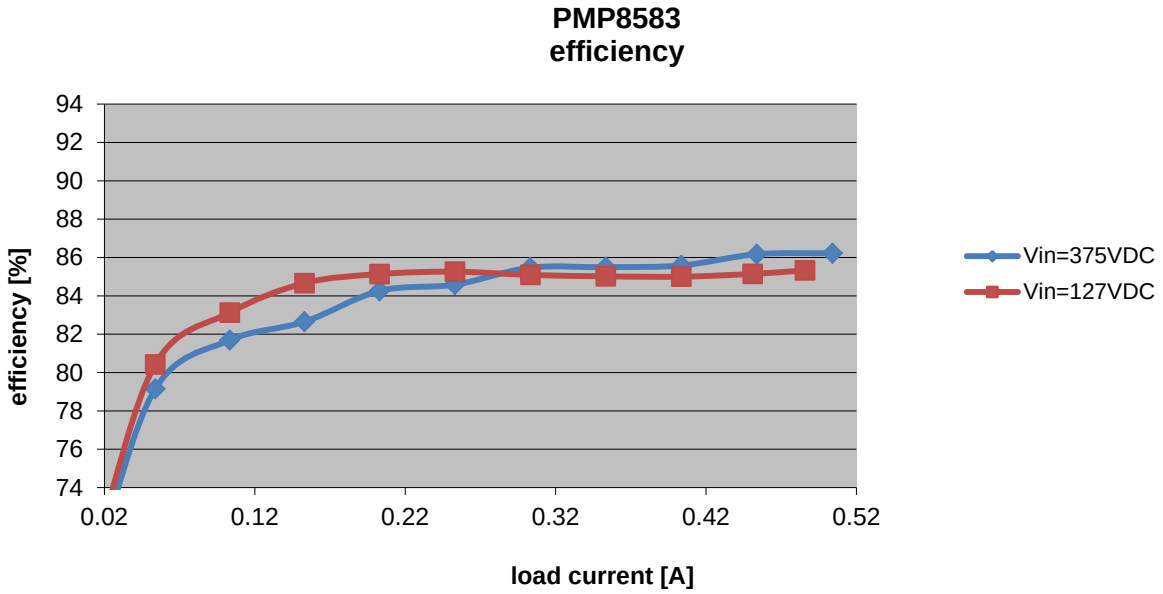
Input voltage = 127VDC
Output power = 0 (no load)



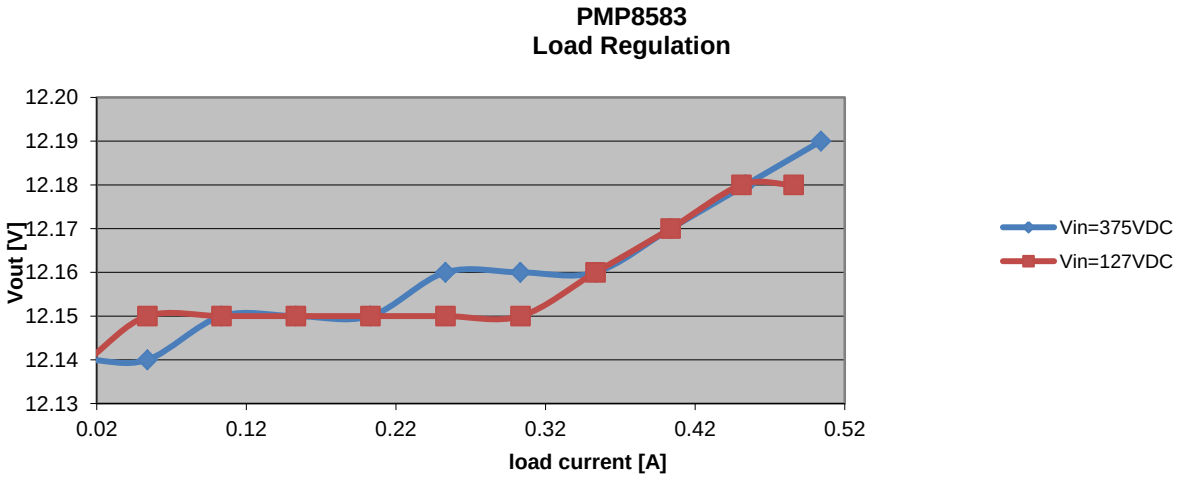
Input voltage = 375VDC
Output power = 0 (no load)



2 Efficiency

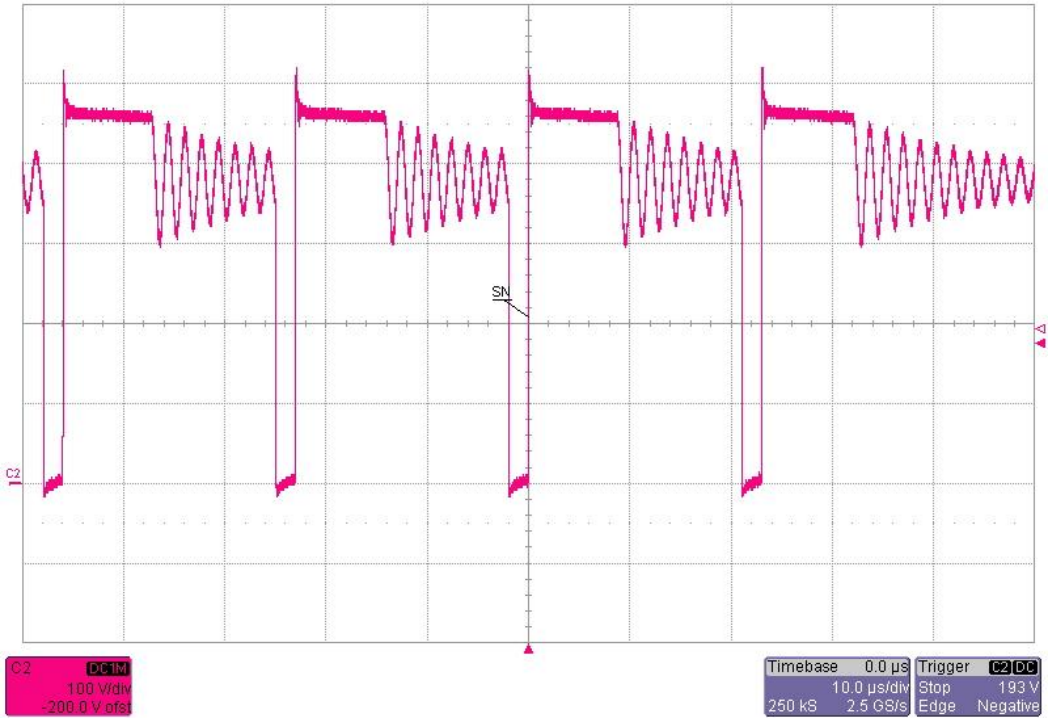


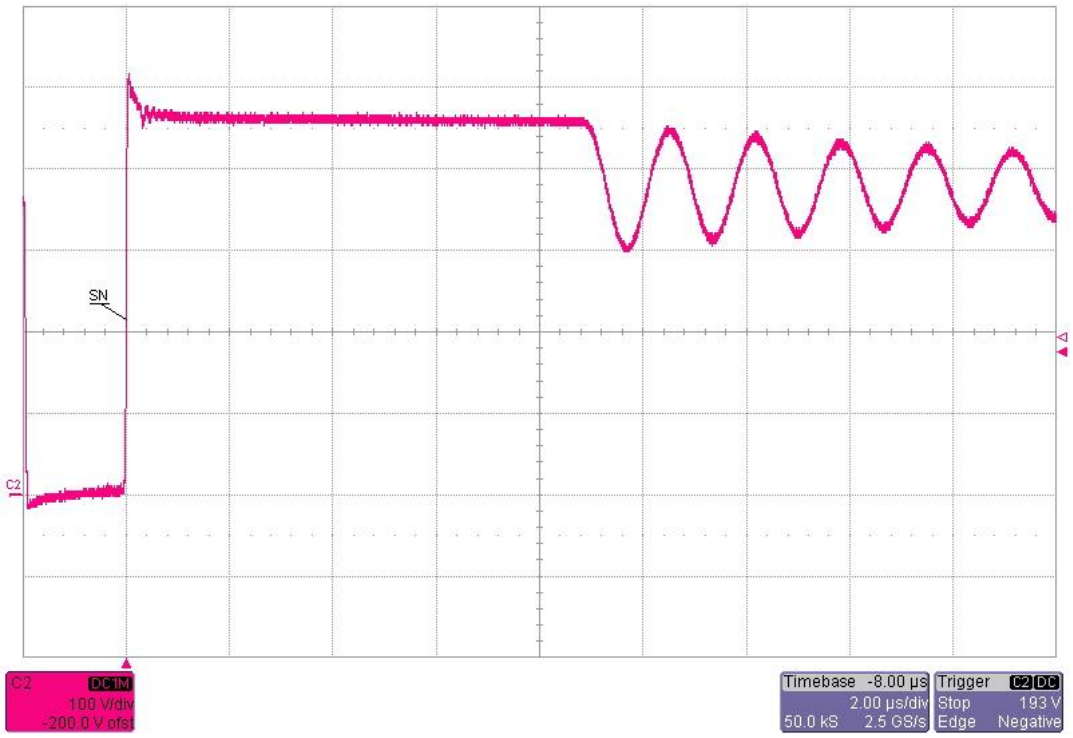
3 Load regulation



4 Switch Node

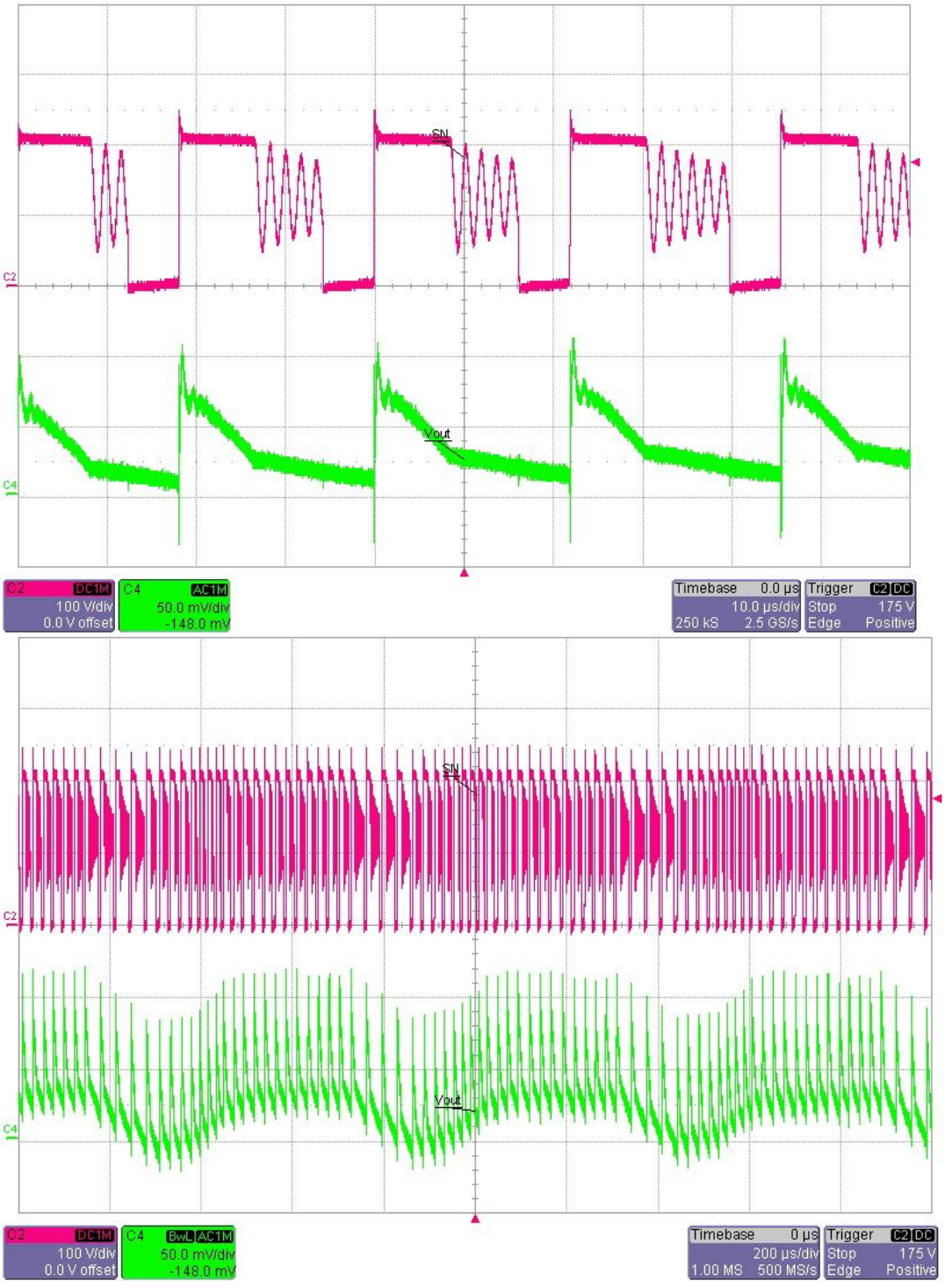
Input voltage = 375VDC
Output power = 5W (full load)



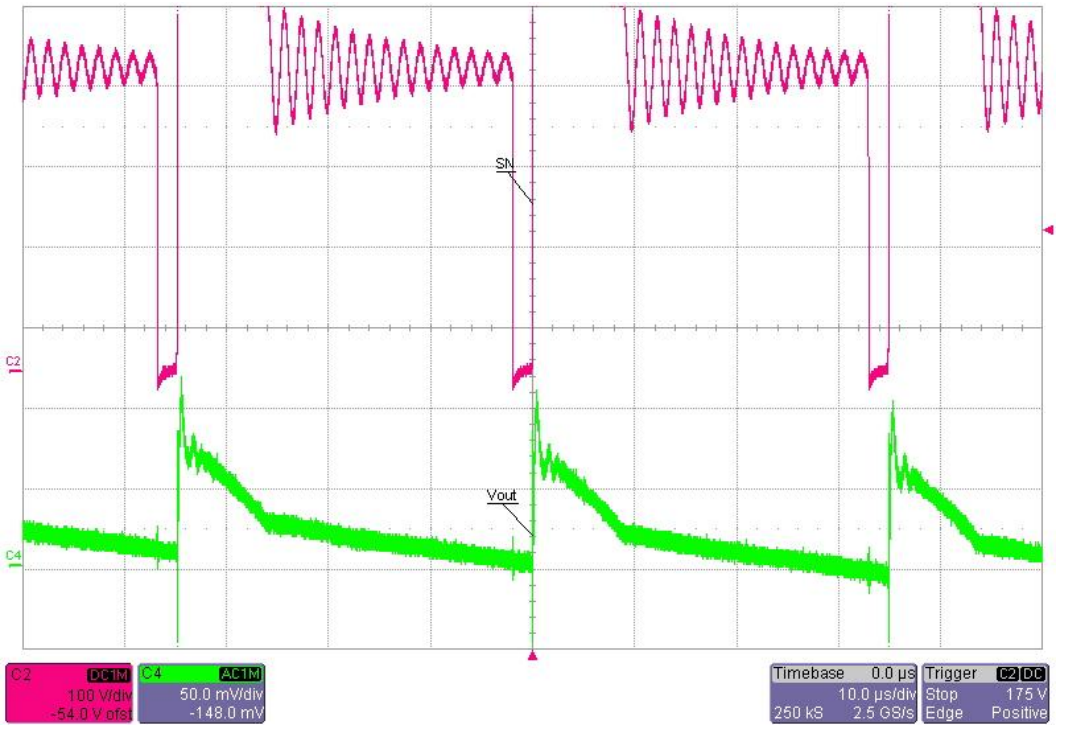


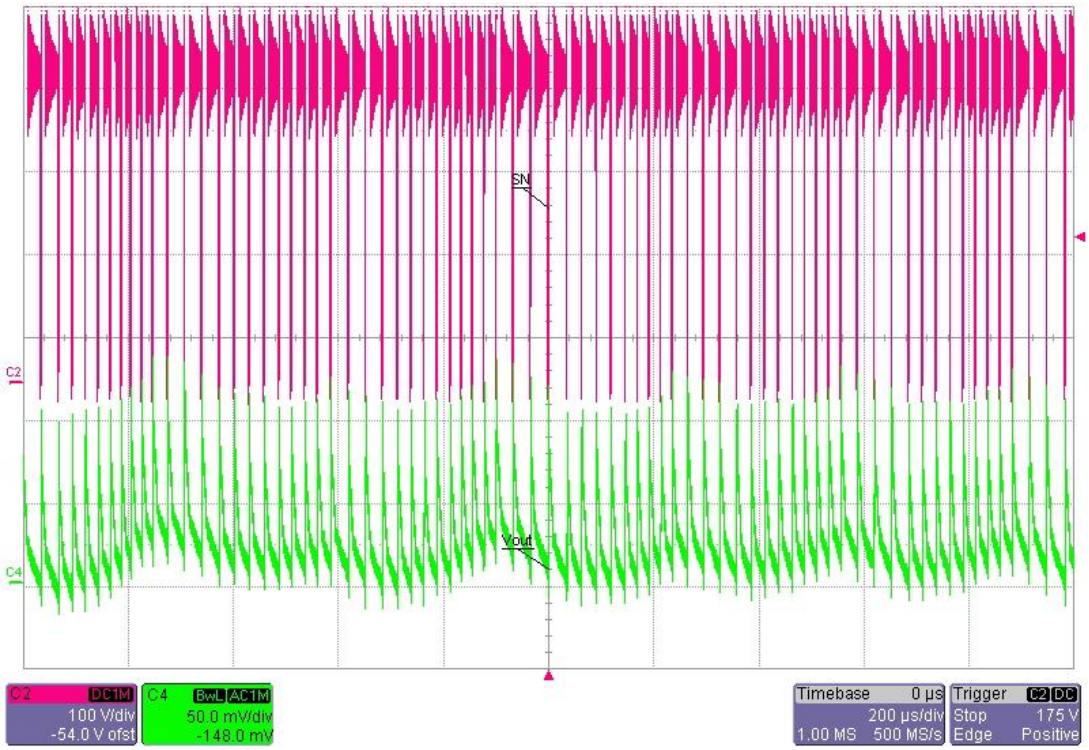
5 Output ripple voltage

Input voltage = 127VDC
Output power = 5W (full load)



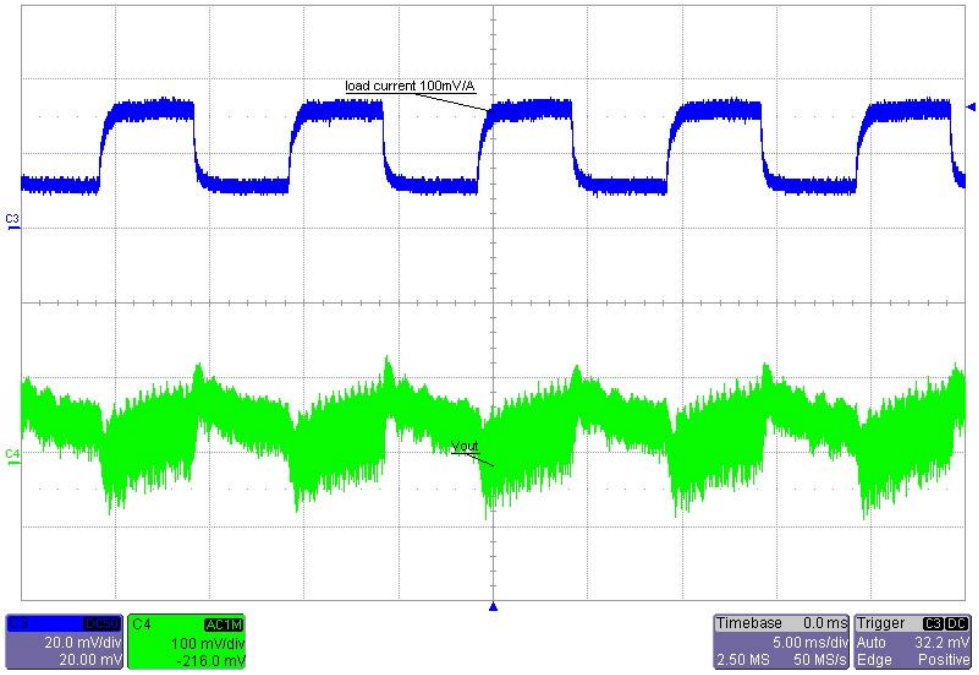
Input voltage = 375VDC
Output power = 5W (full load)



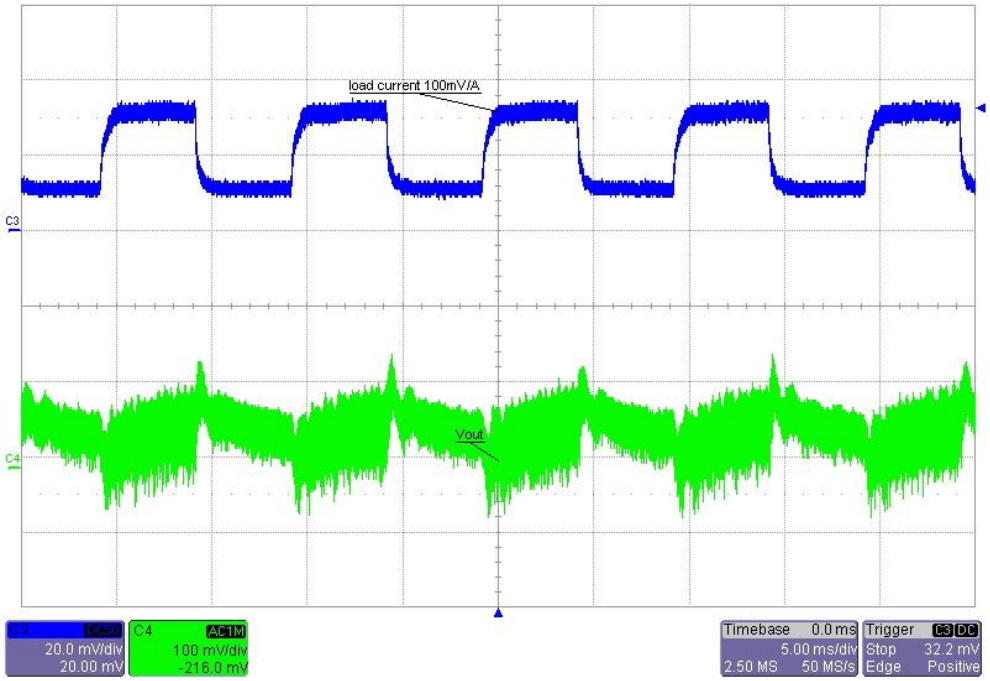


6 Load Transients

Input voltage = 127VDC
Output load = 0.2 to 0.4A

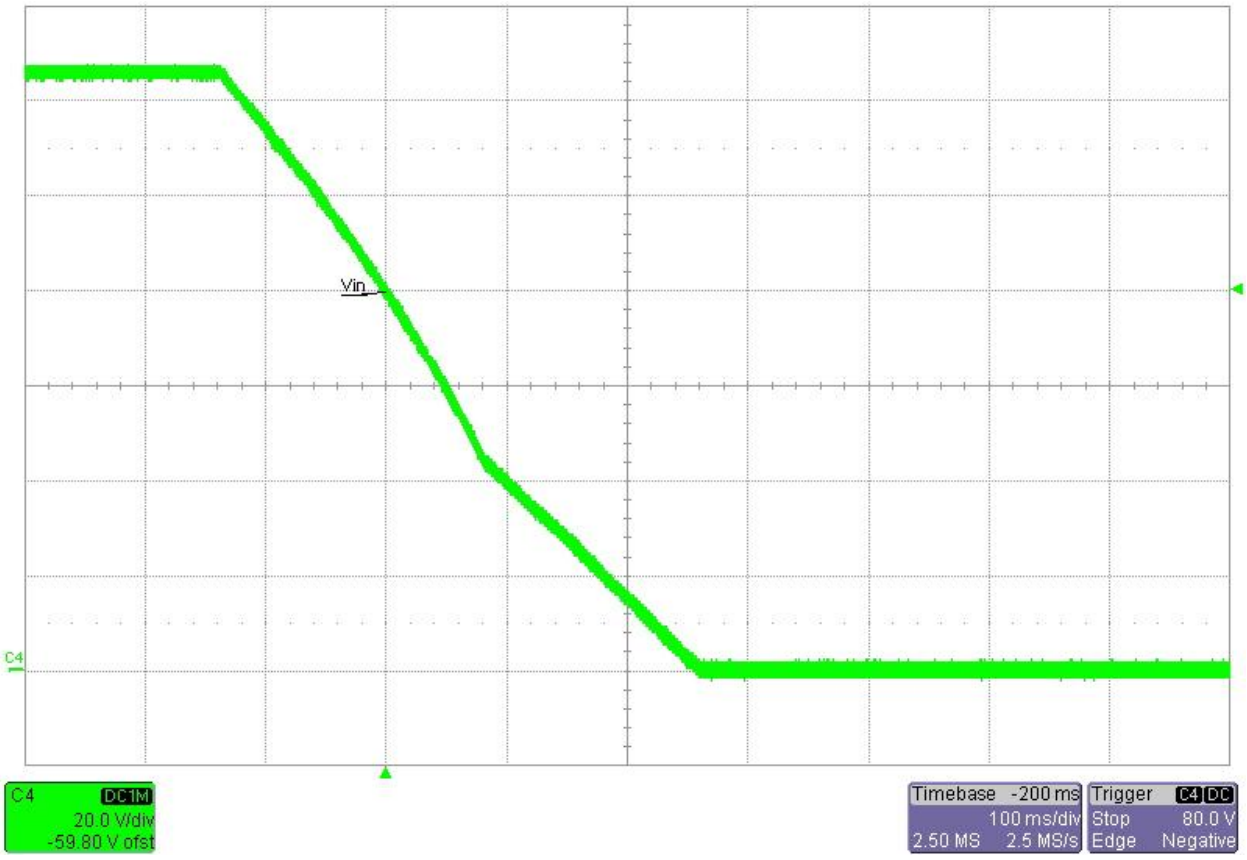


Input voltage = 375VDC
Output load = 0.2 to 0.4A



7 Input Voltage during shutdown

Input voltage = 127VDC
Output power = 5W (full load)



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