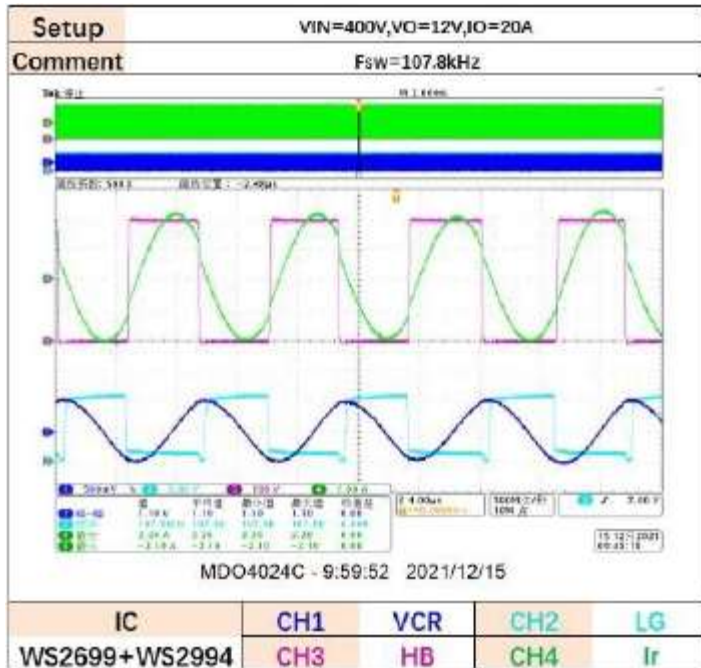


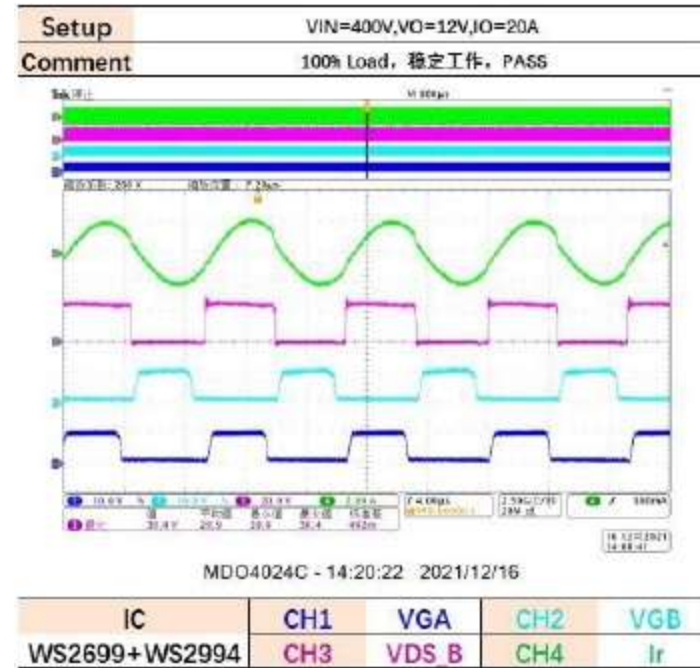
正常工作波形

100% Load

原邊工作波形



副邊工作波形

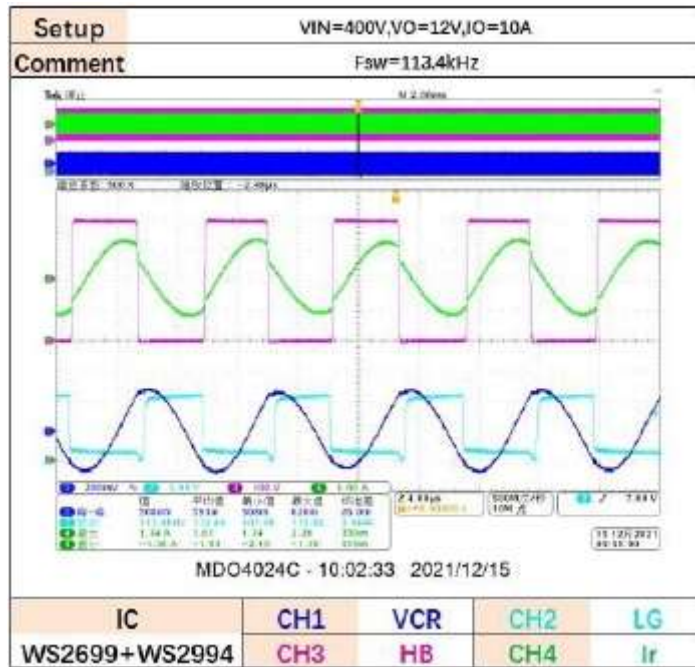


Comment: LLC運行穩定, VCS和VCR採樣正常, SR工作正常

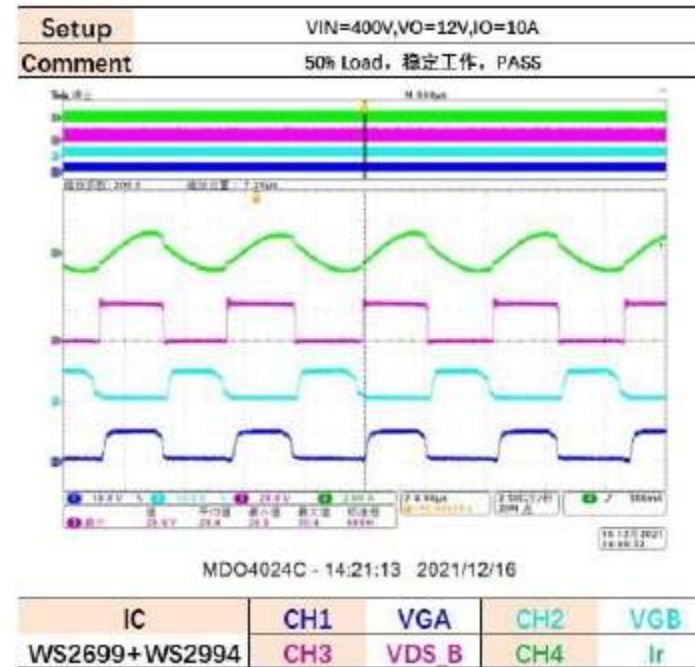
正常工作波形

50% Load

原邊工作波形



副邊工作波形

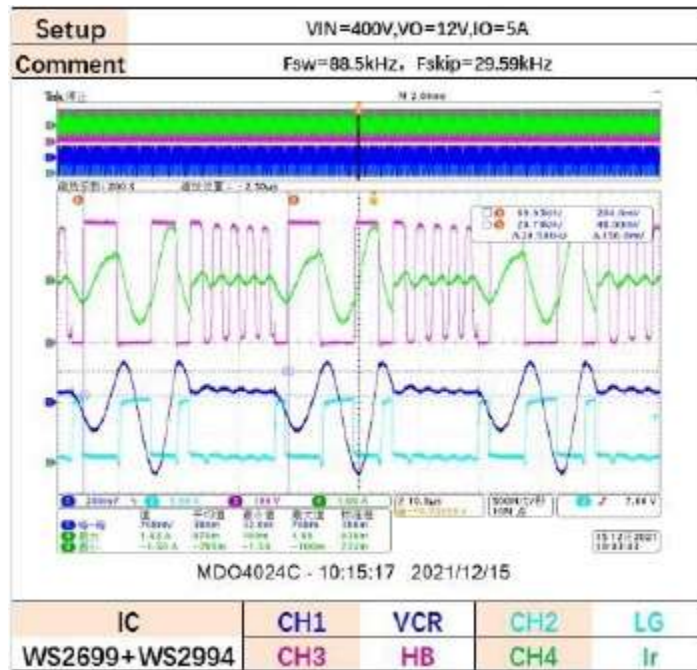


Comment: LLC運行穩定, VCS和VCR採樣正常, SR工作正常

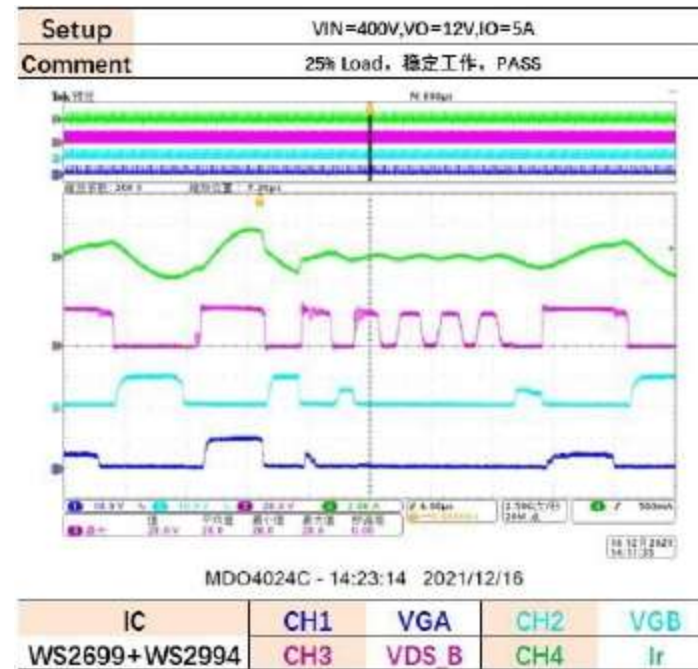
正常工作波形

25% Load

原邊工作波形



副邊工作波形



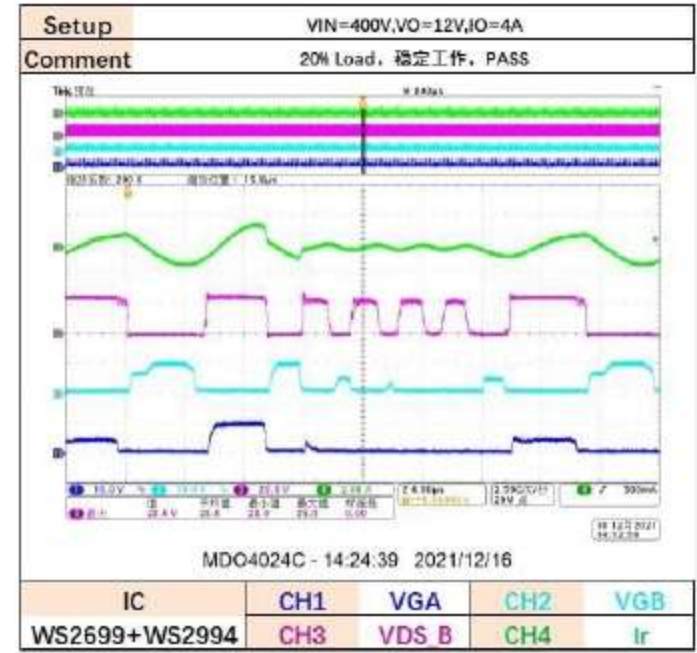
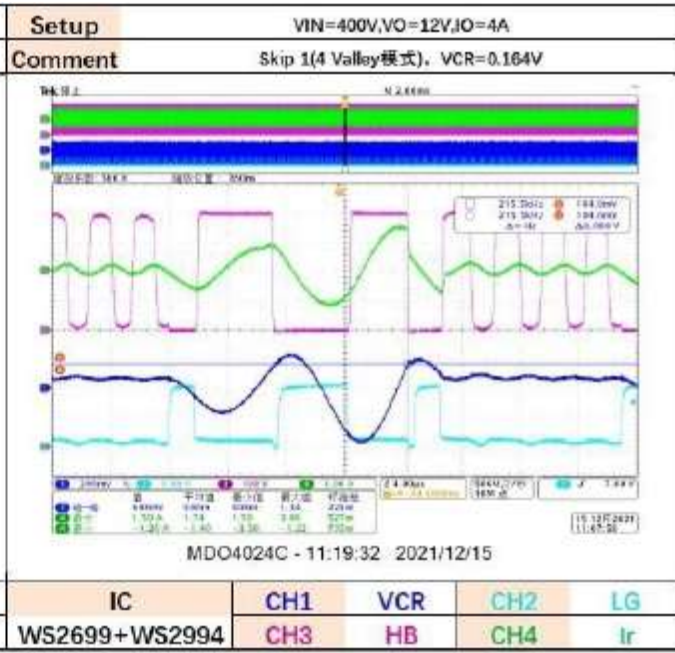
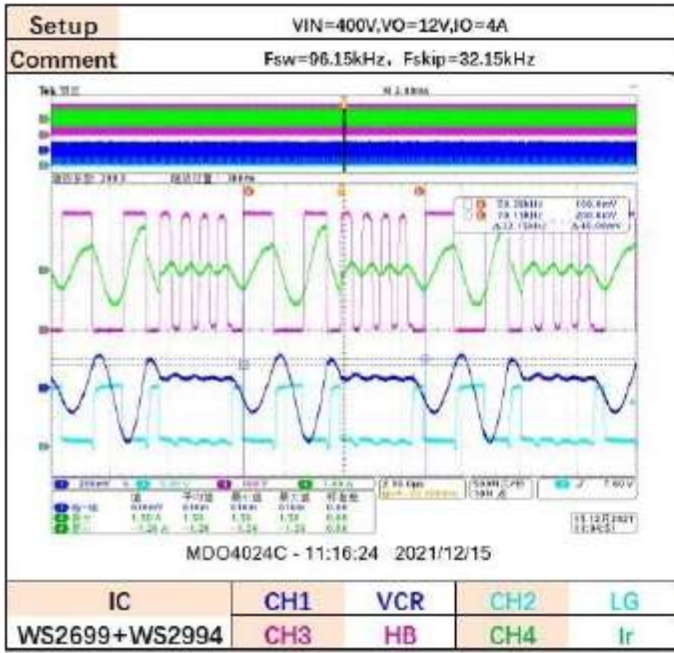
Comment: LLC運行穩定, VCS和VCR採樣正常, SR工作正常

正常工作波形

20% Load

原邊工作波形

副邊工作波形



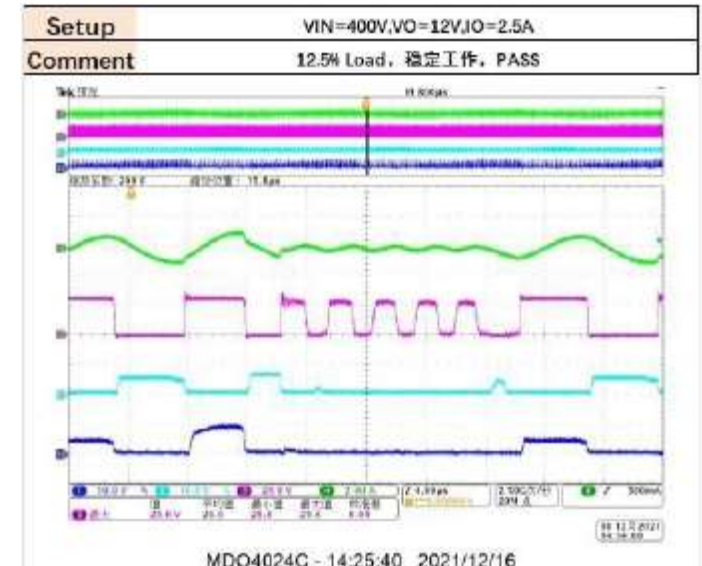
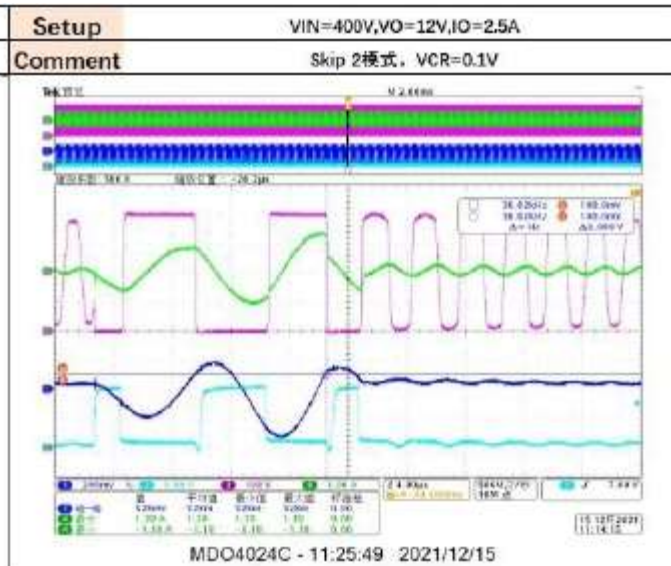
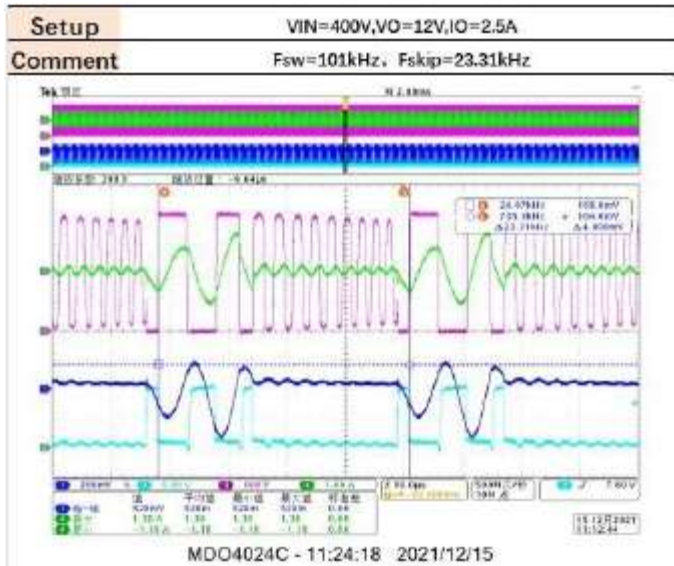
Comment: LLC穩定運行Skip 1_4 Valley模式, VCS和VCR採樣正常, SR工作正常

正常工作波形

12.5% Load

原邊工作波形

副邊工作波形



IC	CH1	VCR	CH2	LG
WS2699+WS2994	CH3	HB	CH4	Ir

IC	CH1	VCR	CH2	LG
WS2699+WS2994	CH3	HB	CH4	Ir

IC	CH1	VGA	CH2	VGB
WS2699+WS2994	CH3	VDS B	CH4	Ir

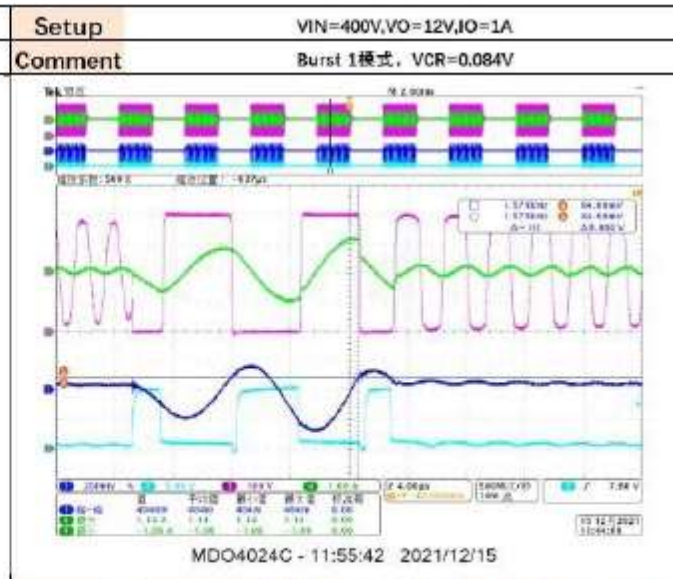
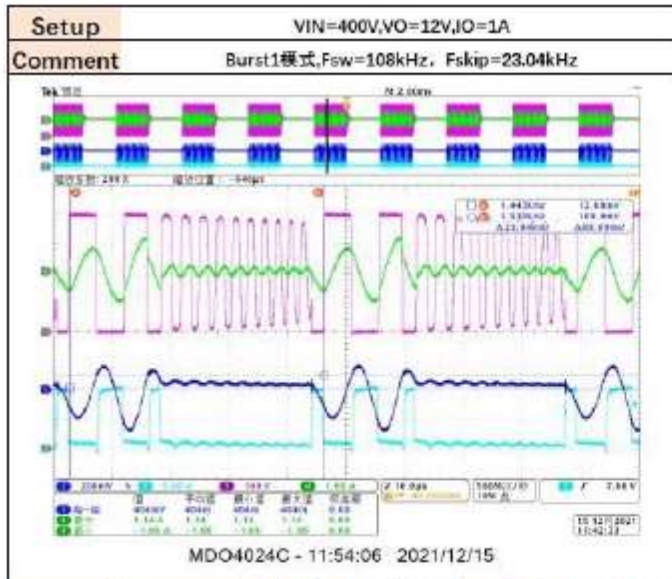
Comment: LLC穩定運行Skip 2模式, VCS和VCR採樣正常, SR工作正常

正常工作波形

5% Load

原邊工作波形

副邊工作波形



IC	CH1	VCR	CH2	LG
WS2699+WS2994	CH3	HB	CH4	Ir

IC	CH1	VCR	CH2	LG
WS2699+WS2994	CH3	HB	CH4	Ir

IC	CH1	VGA	CH2	VGB
WS2699+WS2994	CH3	VDS_B	CH4	Ir

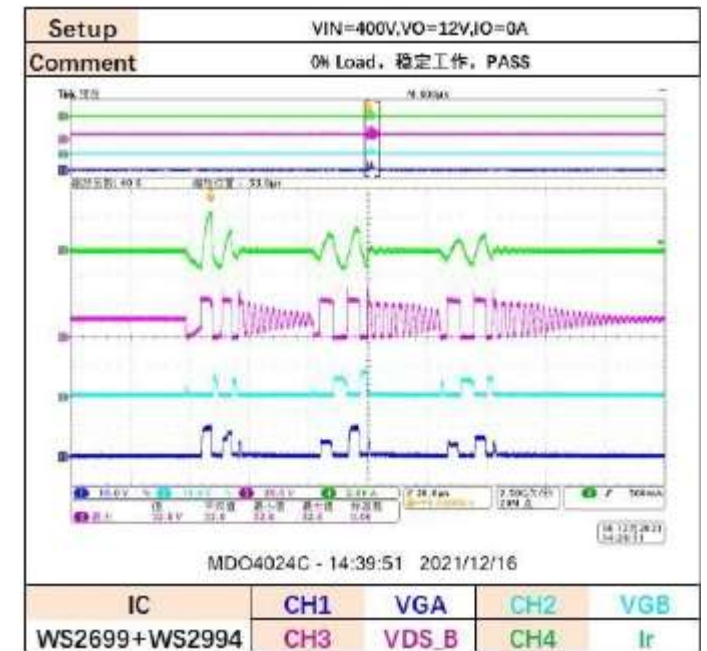
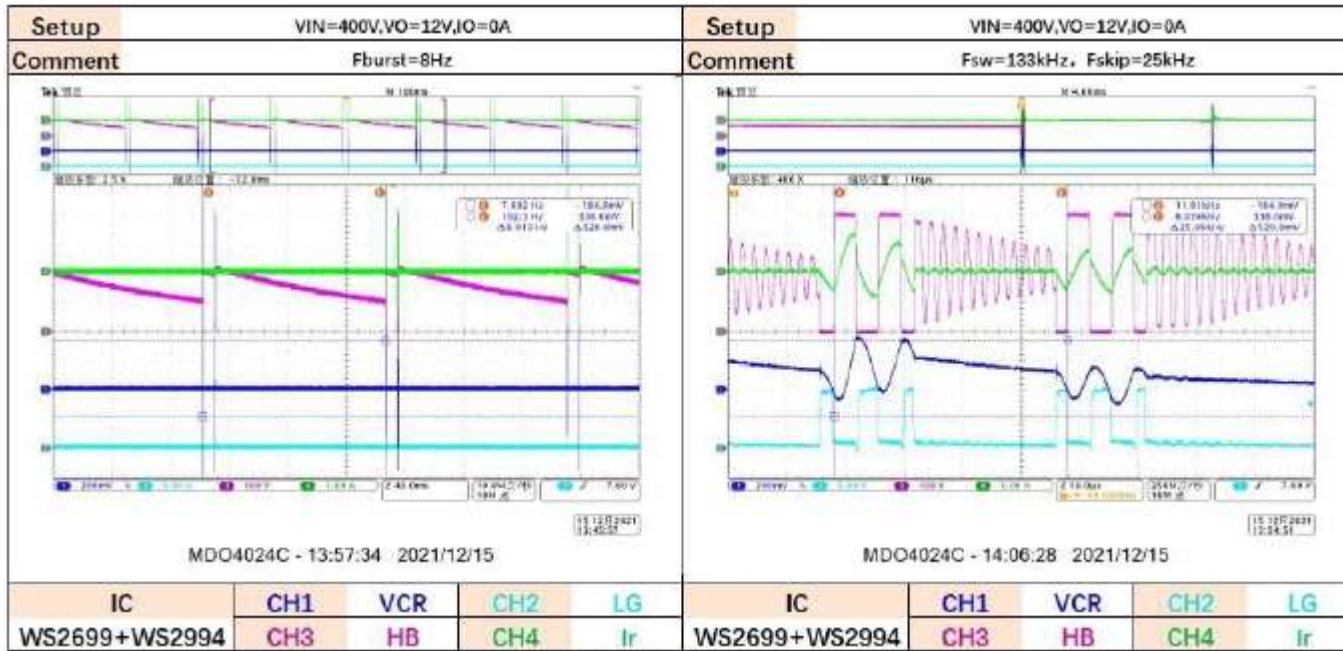
Comment: LLC穩定運行Burst 1模式, VCS和VCR採樣正常, SR工作正常

正常工作波形

No Load

原邊工作波形

副邊工作波形



Burst 2 模式，Burst on 期間以Skip 2模式運行；

Comment: LLC運行穩定，VCS和VCR採樣正常

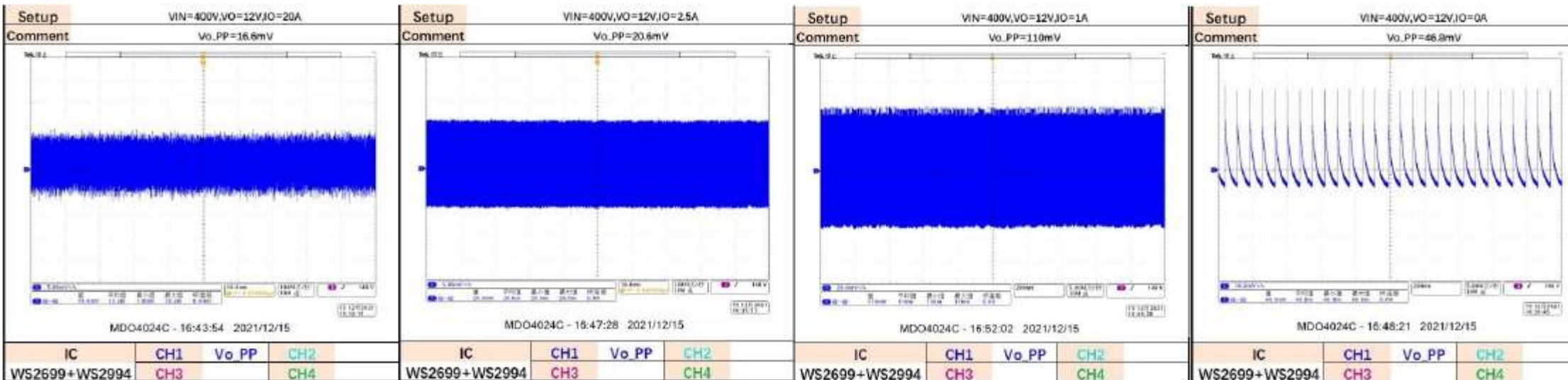
輸出紋波測試

100% Load, 普通模式

12.5% Load, Skip 2

5% Load, Burst 1

No Load, Burst 2

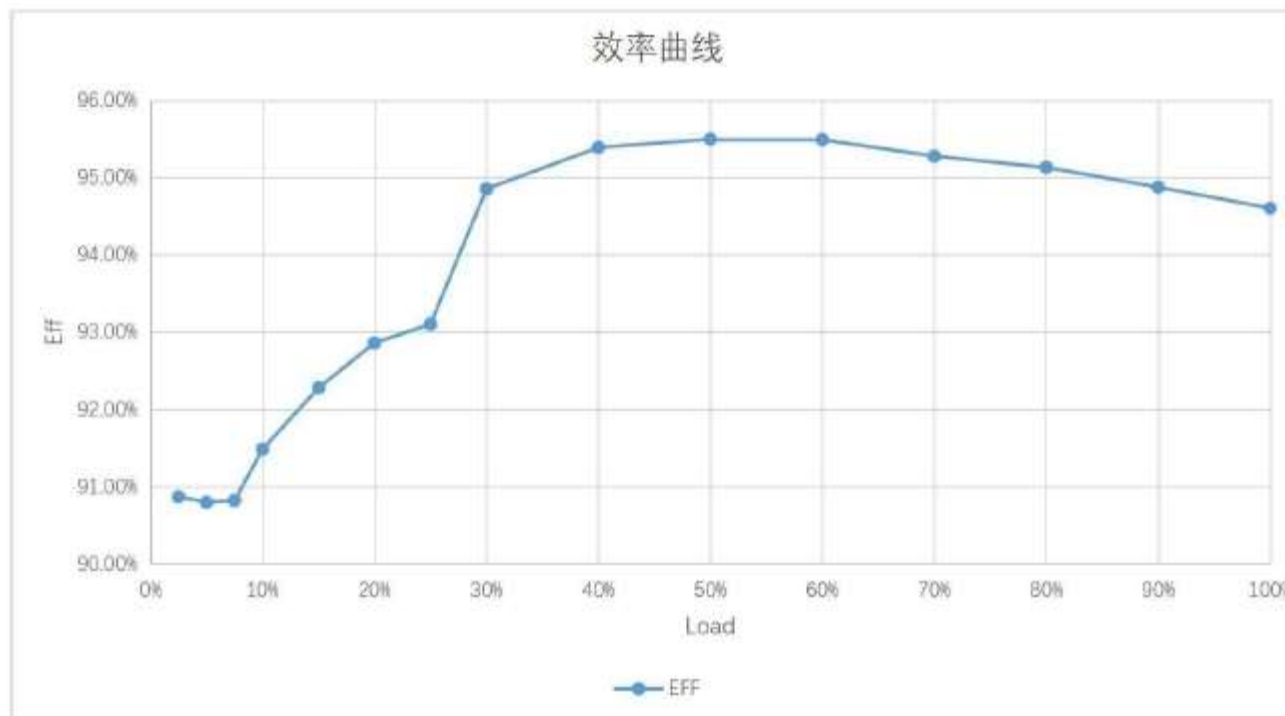


VCR_REF=0.05V

VCR_REF=0.3V

Comment: 全負載下, Vo紋波正常

效率測試



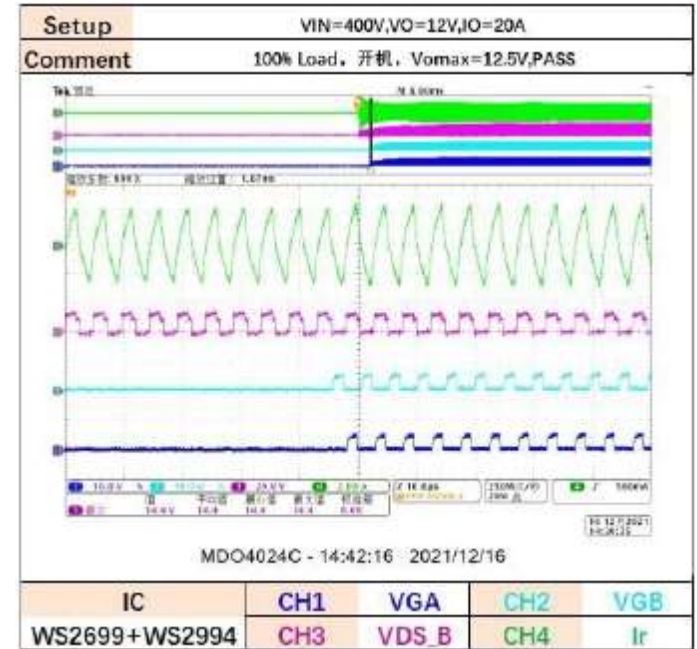
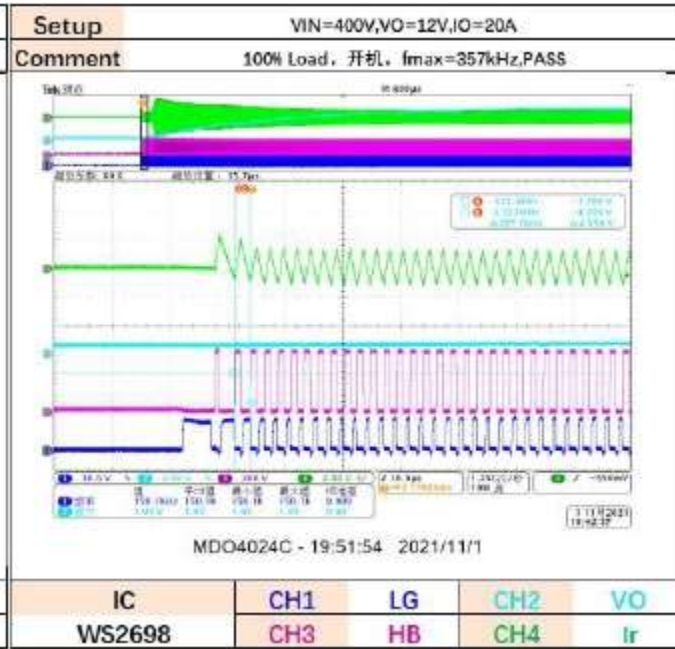
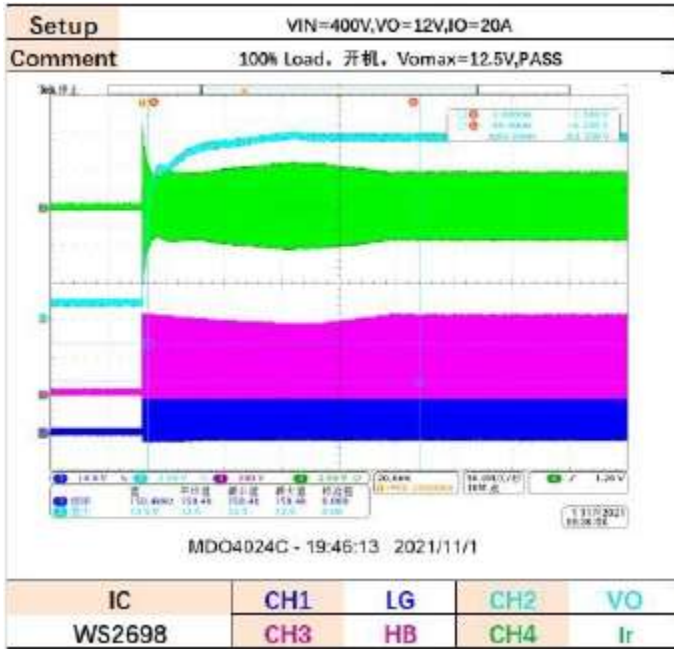
Comment: 在高頻應用中，Skip模式的加入，可以優化了輕載效率

100% Load

開機測試

原邊開機波形

副邊開機波形



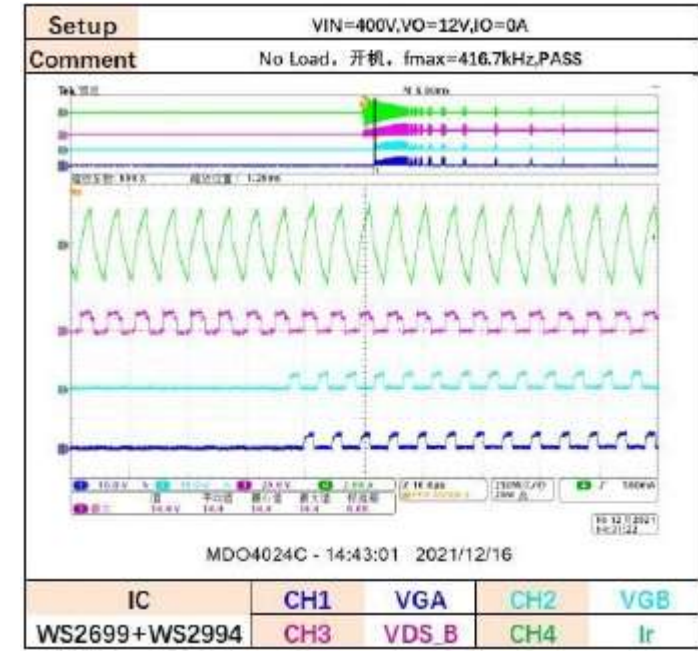
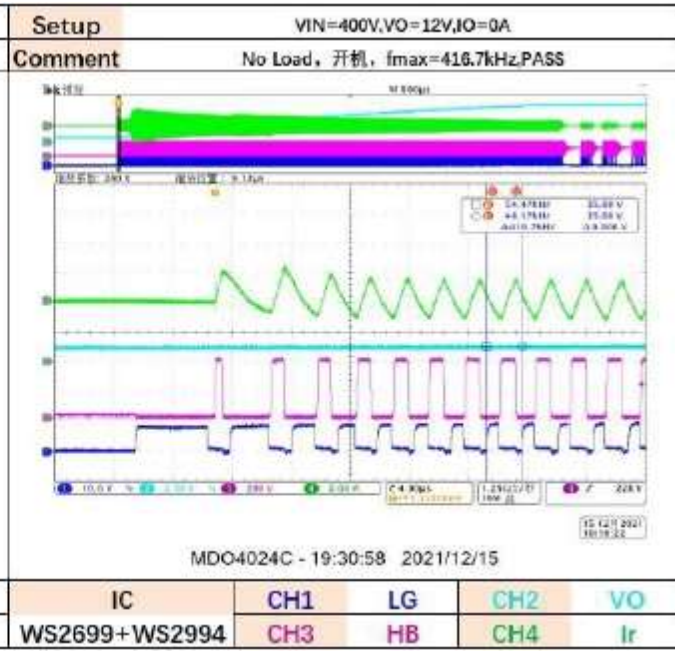
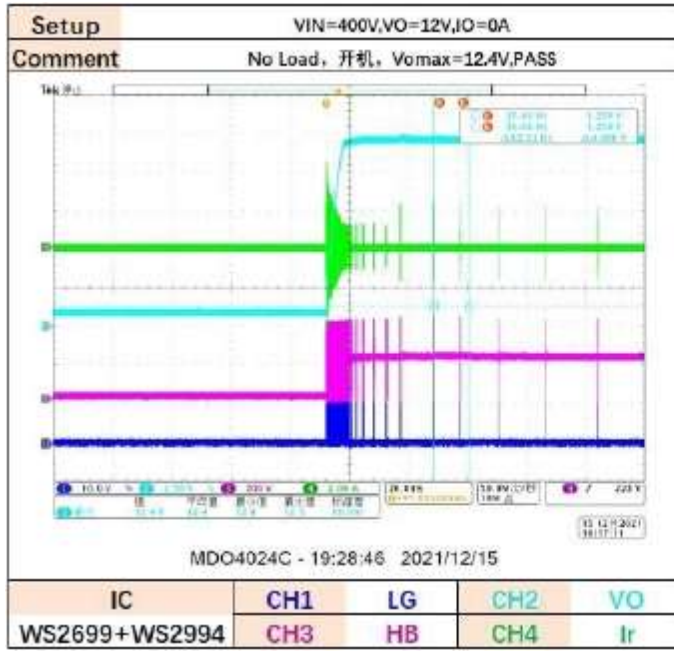
Comment: 開機過程中, Vo基本單調上升, SR開機正常

No Load

開機測試

原邊開機波形

副邊開機波形



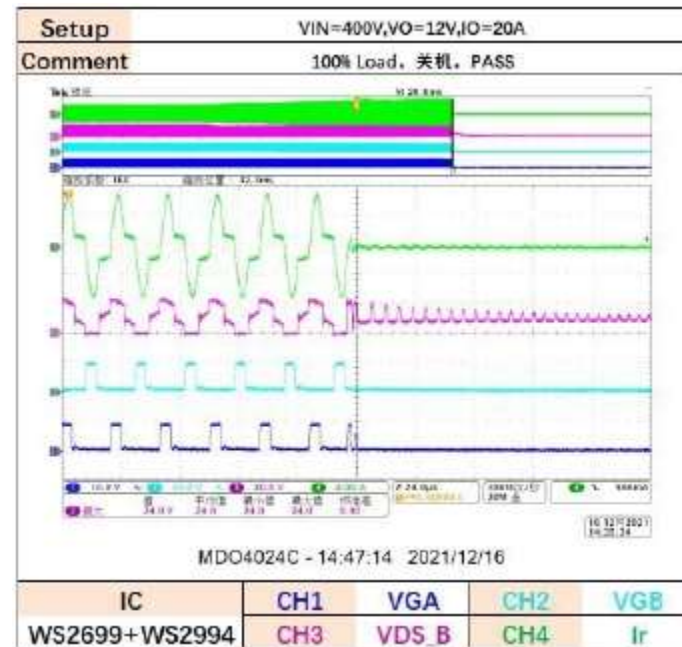
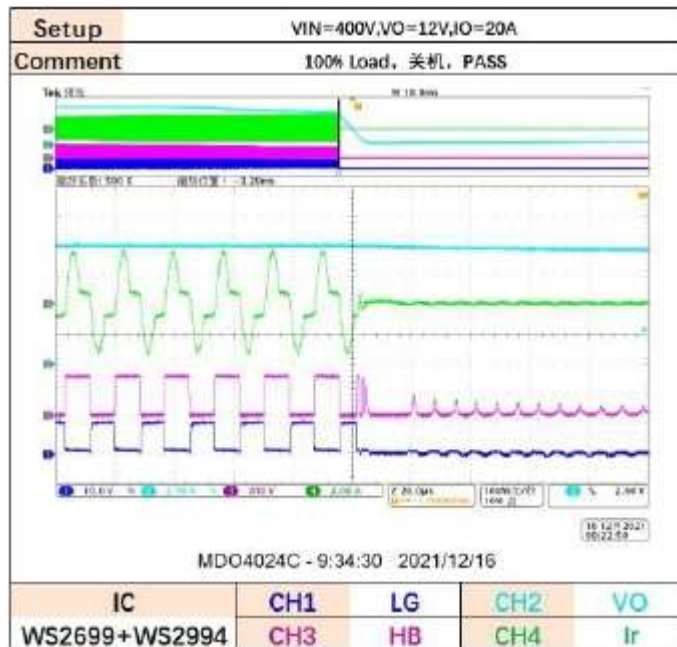
Comment: 開機過程中, Vo基本單調上升, SR開機正常

100% Load

關機測試

原邊關機波形

副邊關機波形

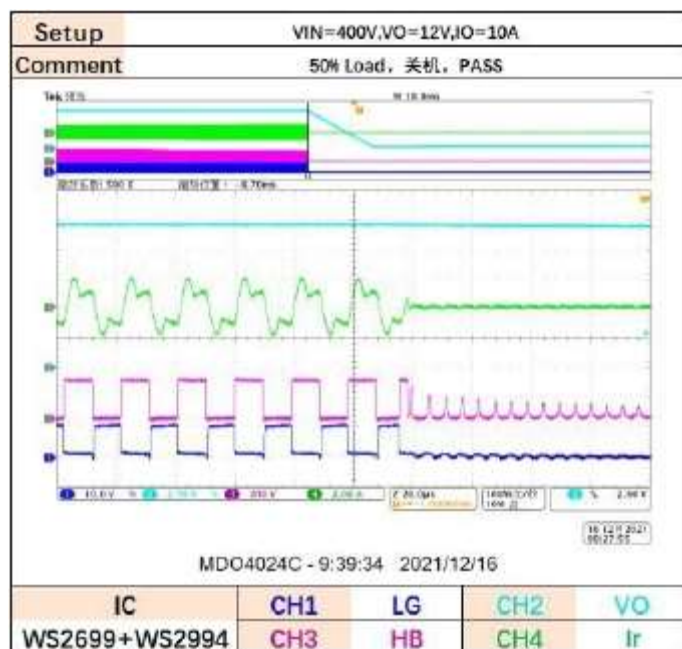


Comment: 關機過程未出現異常

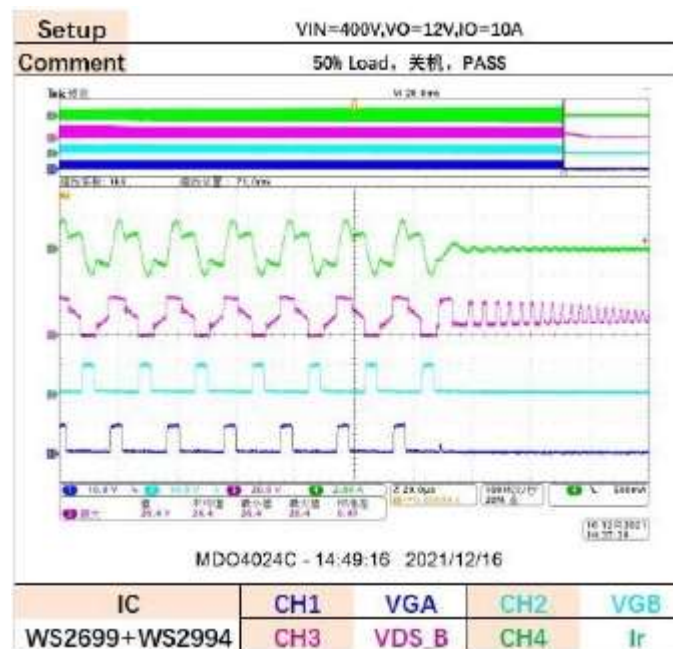
50% Load

關機測試

原邊關機波形



副邊關機波形

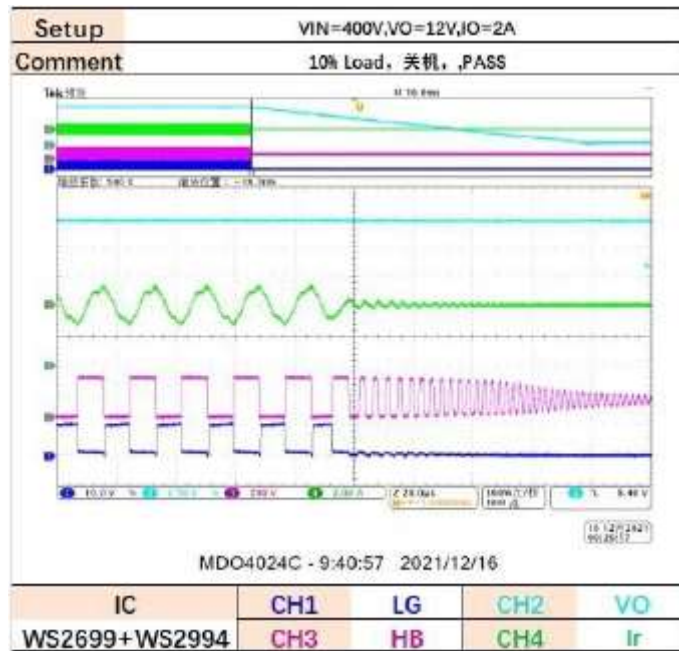


Comment: 關機過程未出現異常

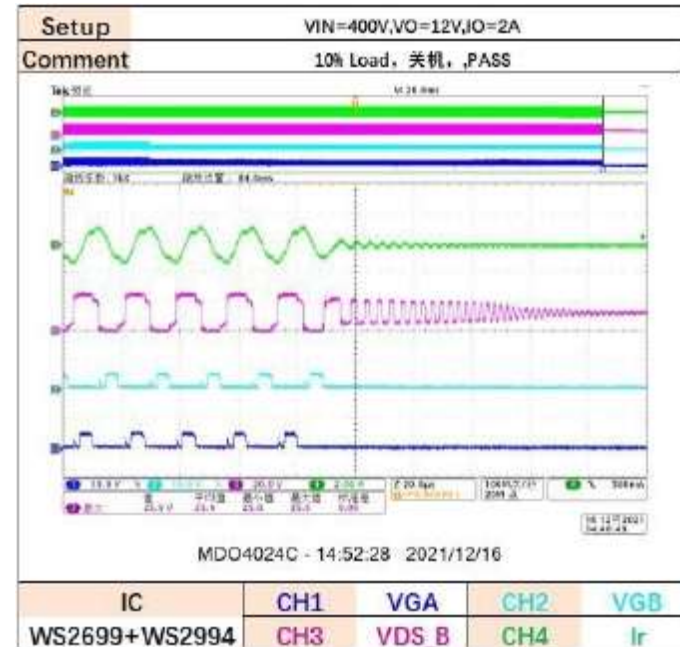
10% Load

關機測試

原邊關機波形



副邊關機波形

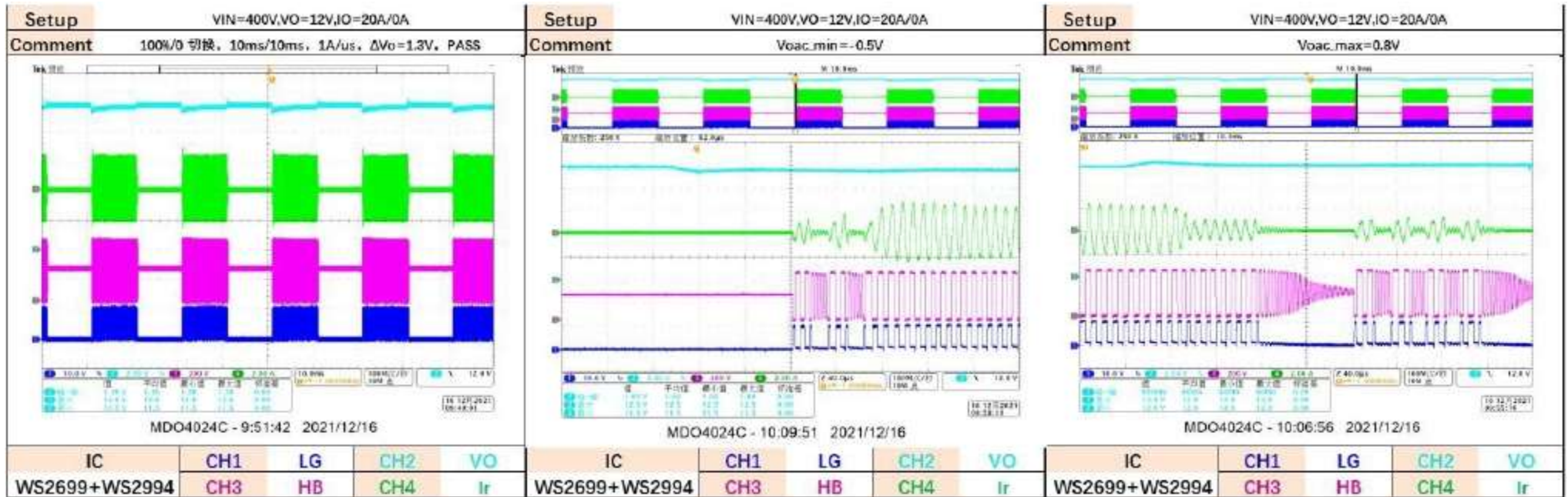


Comment: 關機過程未出現異常

Load: 100% to 0, 10ms/10ms

動態測試

原邊動態波形

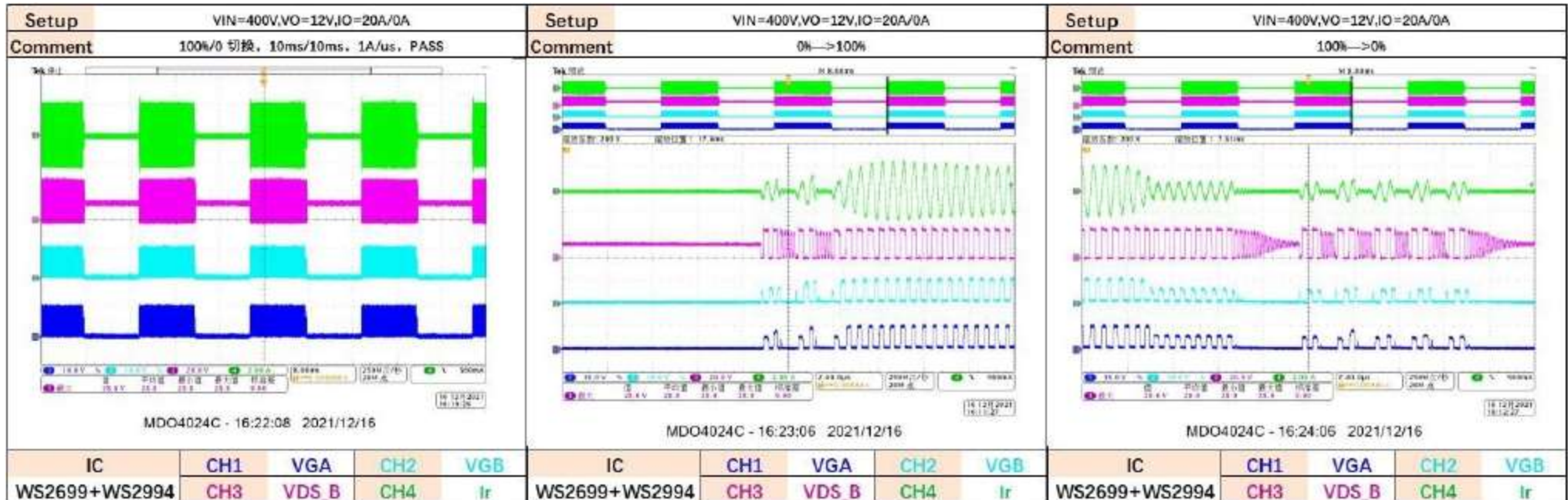


Comment: 大動態下，樣機運行穩定

Load: 100% to 0, 10ms/10ms

動態測試

副邊動態波形

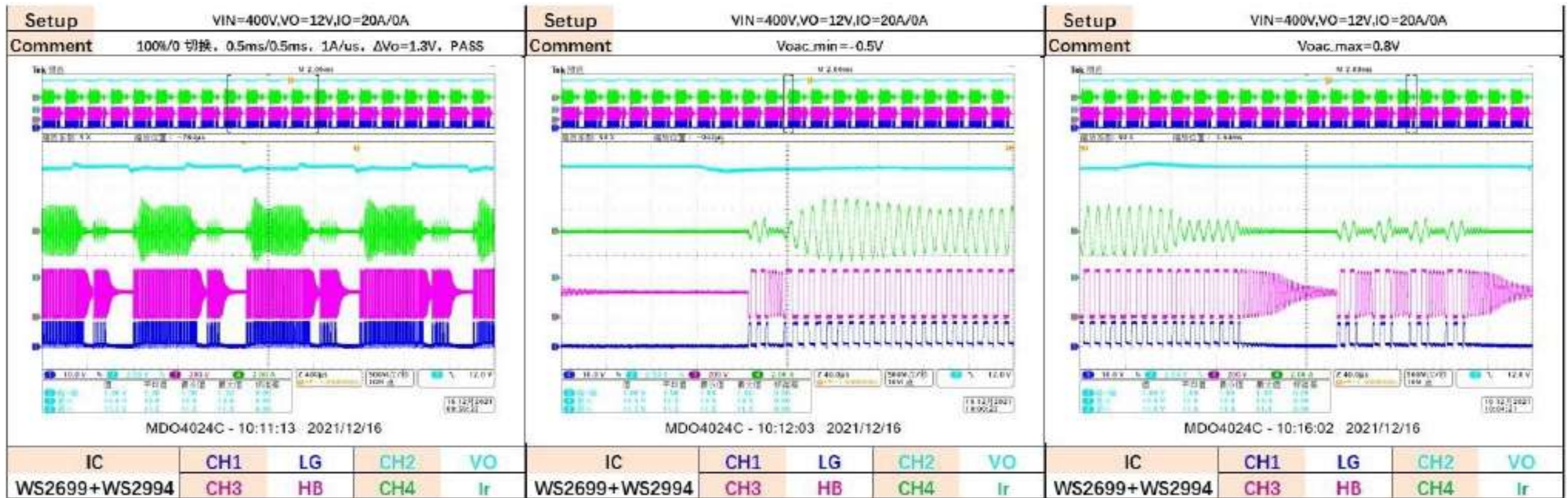


Comment: 大動態下, SR工作正常

Load: 100% to 0, 0.5ms/0.5ms

動態測試

原邊動態波形

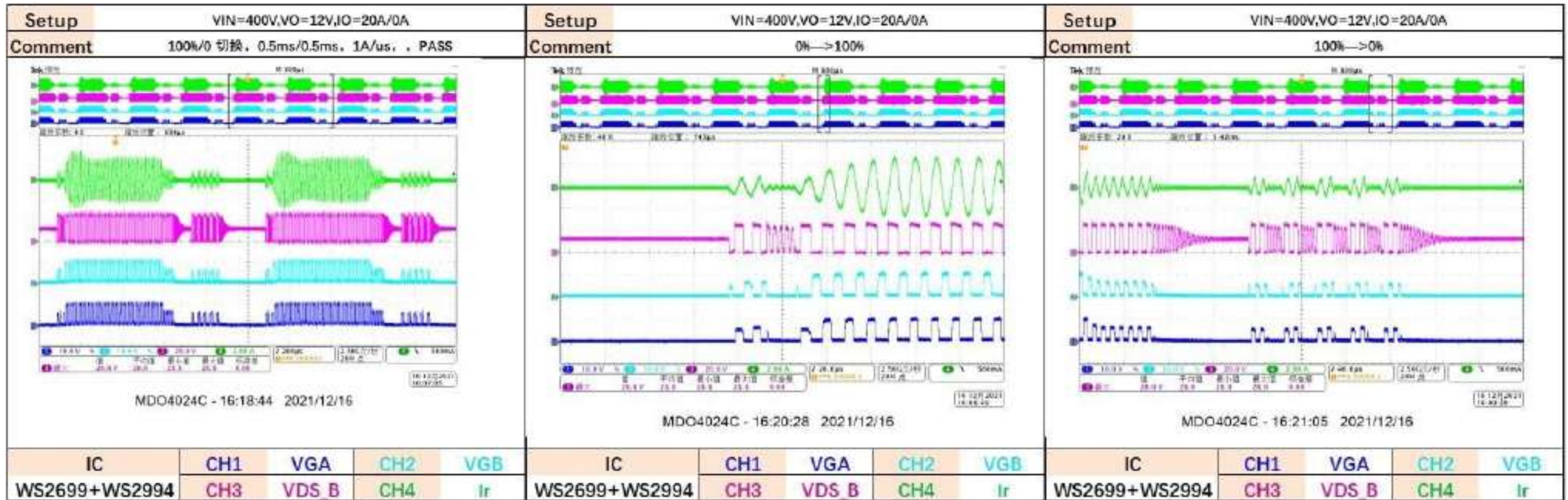


Comment: 大動態下，樣機運行穩定

Load: 100% to 0, 0.5ms/0.5ms

動態測試

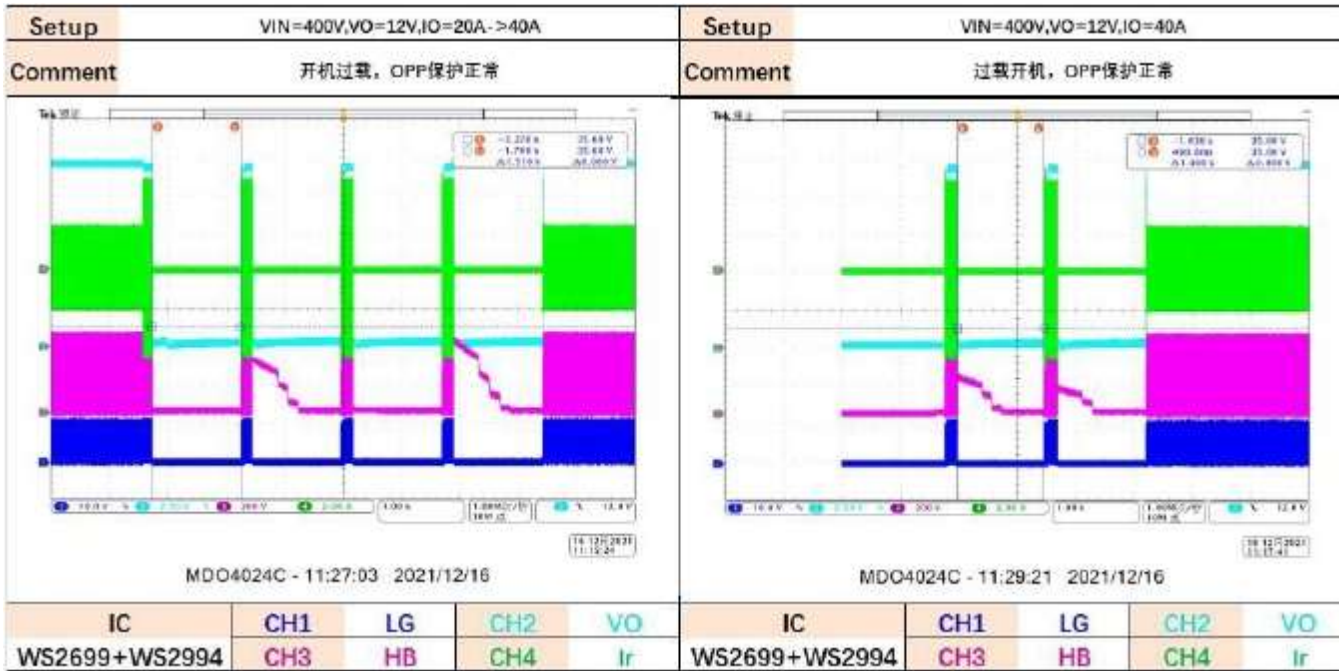
副邊動態波形



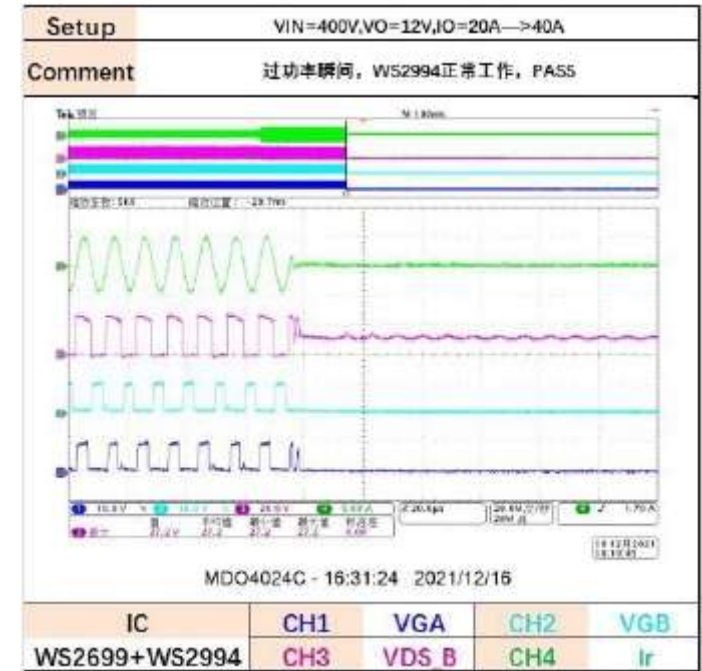
Comment: 大動態下, SR工作正常

系統100% Load工作時，切200% Load，然後再切回100% Load。

原邊波形



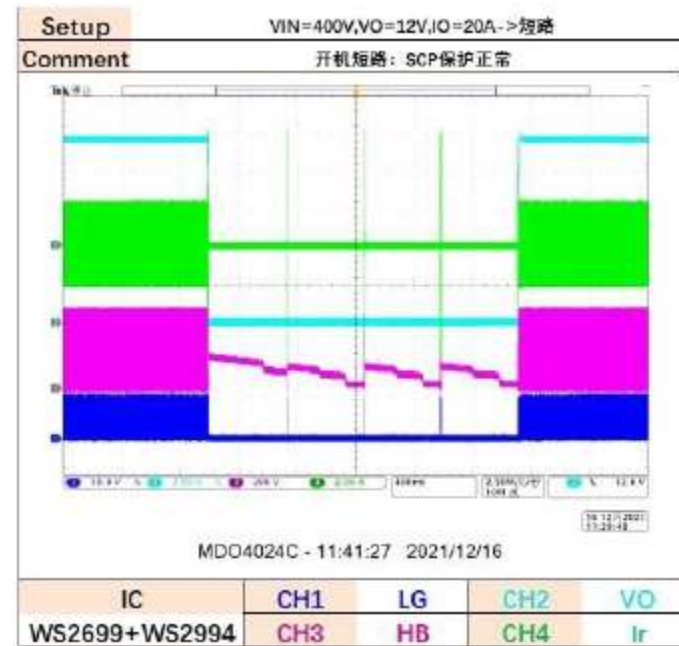
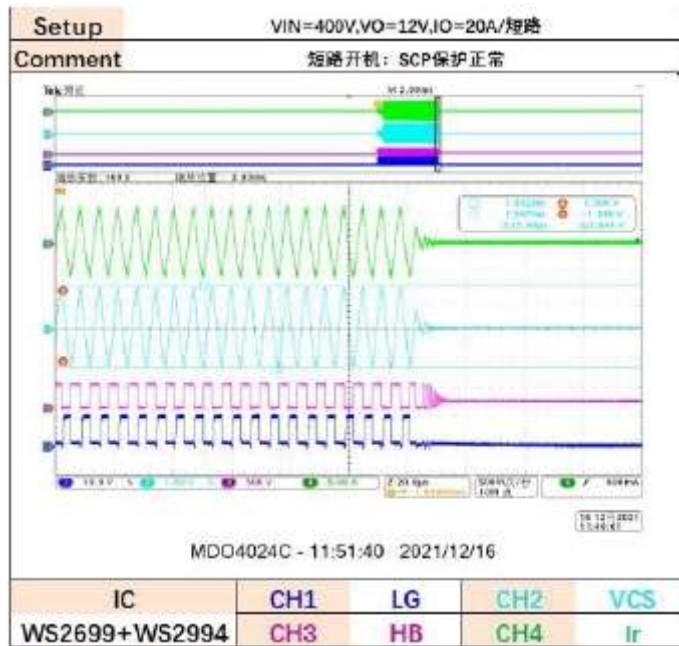
副邊波形



保護策略可根據實際應用配置

Comment: 開機超載/超載開機都能正常OPP保護，超載下SR工作正常

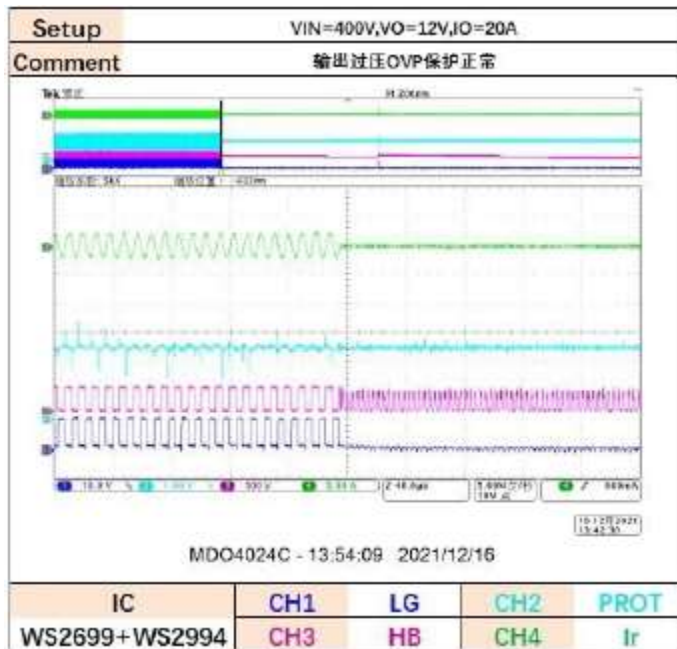
開機短路和短路開機情況下的SCP行為一致。



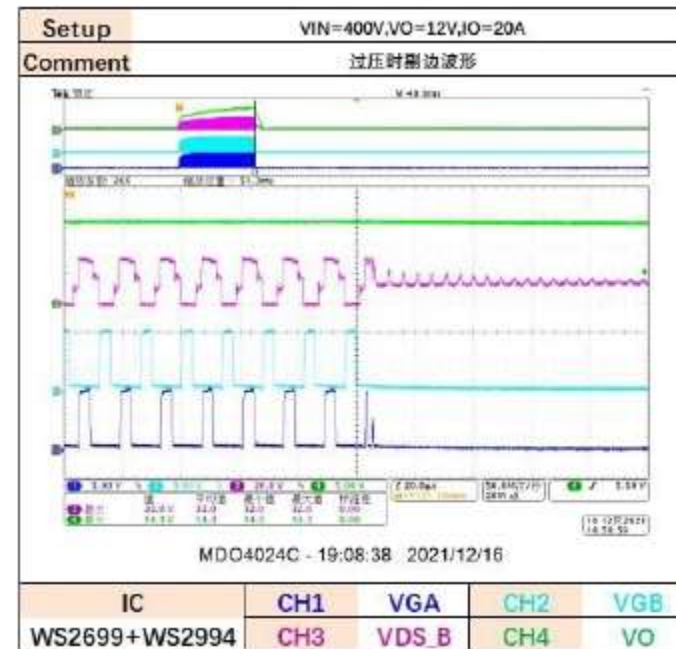
保護策略可根據實際應用配置

Comment: SCP測試行為與配置吻合, SR短路時工作正常

原邊波形



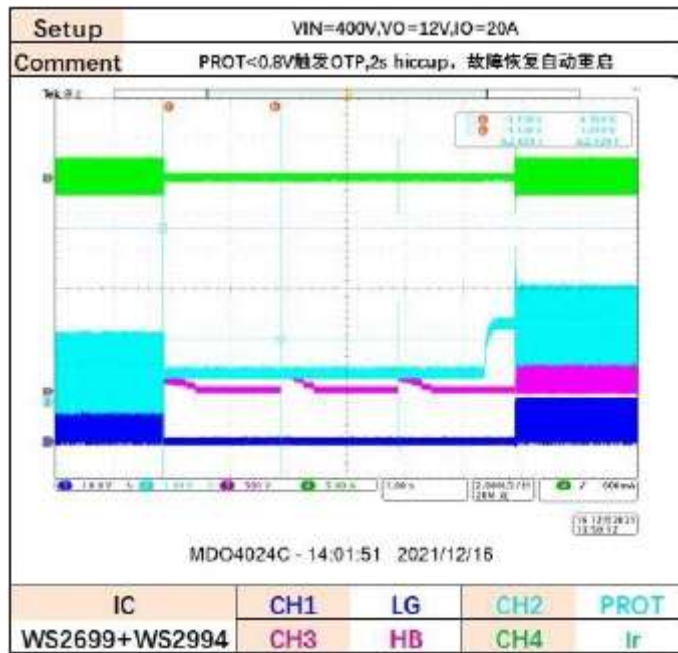
副邊波形



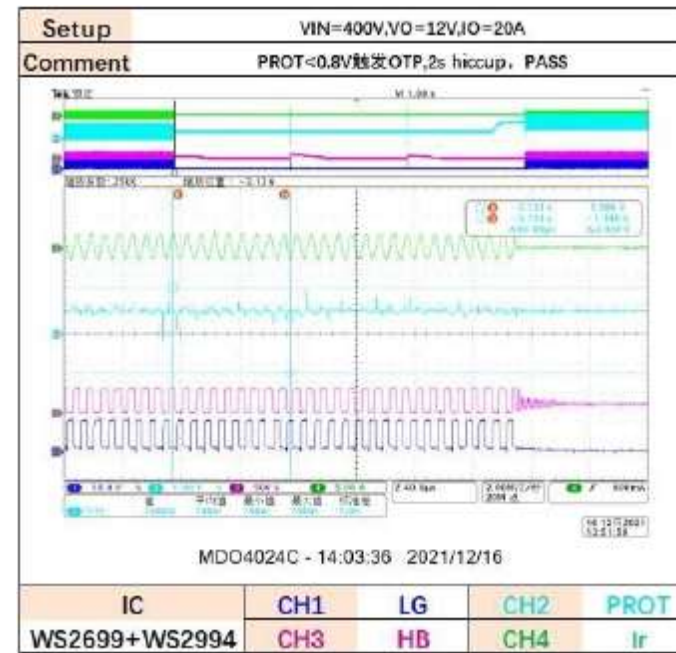
保護策略可根據實際應用配置

Comment: OVP測試行為與配置吻合

保護波形



保護瞬間波形



保護策略可根據實際應用配置

Comment: OTP測試行為與配置吻合