

UCC28056EVM-296 + UCC25630-1EVM-291
 (C10 470p added) AC input current waveform
 AC100V

1. LLC EVM load is 0A



Red PFC out ripple 5v/div
 Pink LLC out ripple 10mv/div
 Green PFC input current 0.2A/div

H: 40msec/div

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2. LLC EVM load is 0.4A



Red PFC out ripple 5v/div
 Pink LLC out ripple 10mv/div
 Green PFC input current 0.2A/div

H: 40msec/div

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3. LLC EVM load is 0.75A

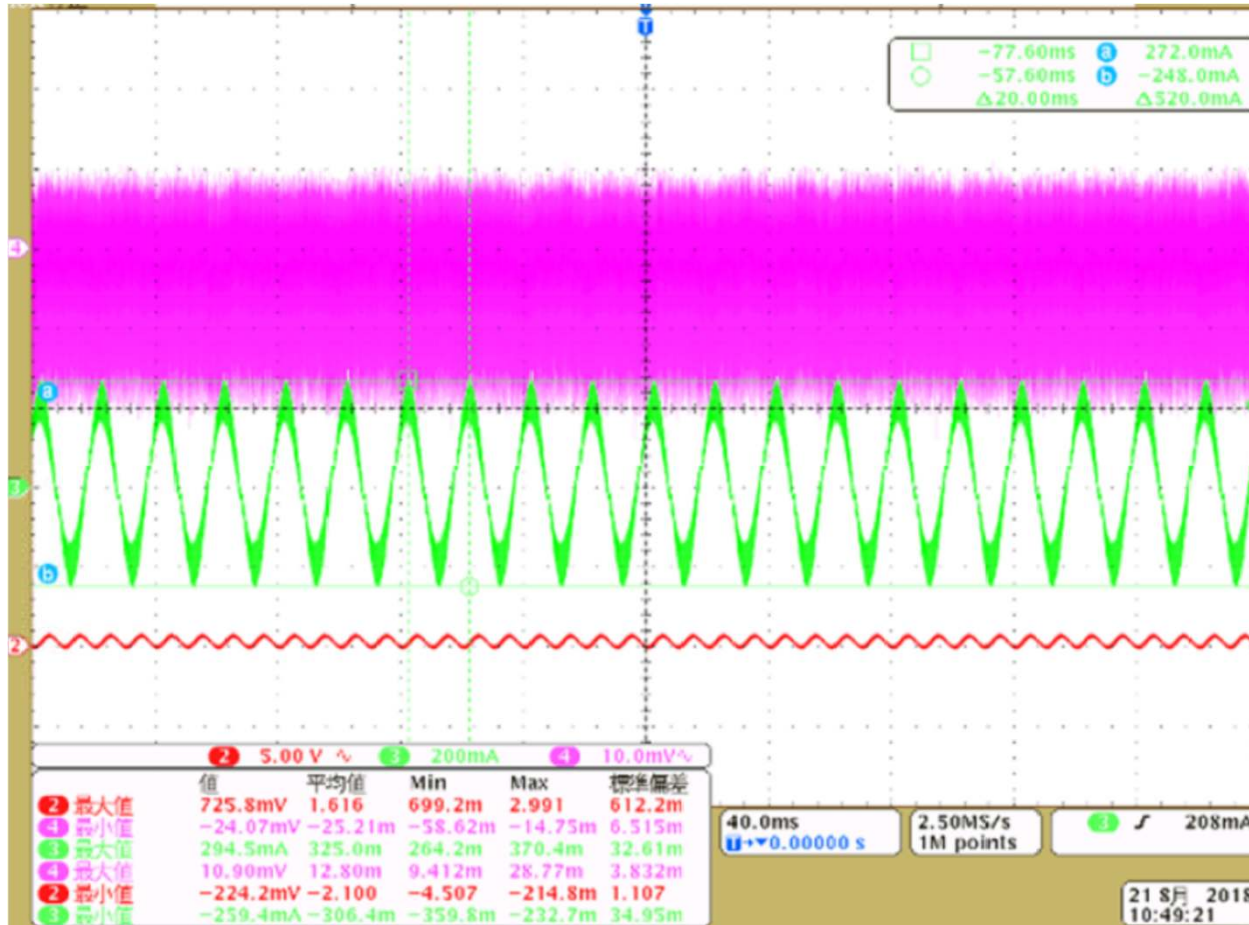


Red PFC out ripple 5v/div
 Pink LLC out ripple 10mv/div
 Green PFC input current 0.2A/div

H: 40msec/div

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4. LLC EVM load is 0.8A

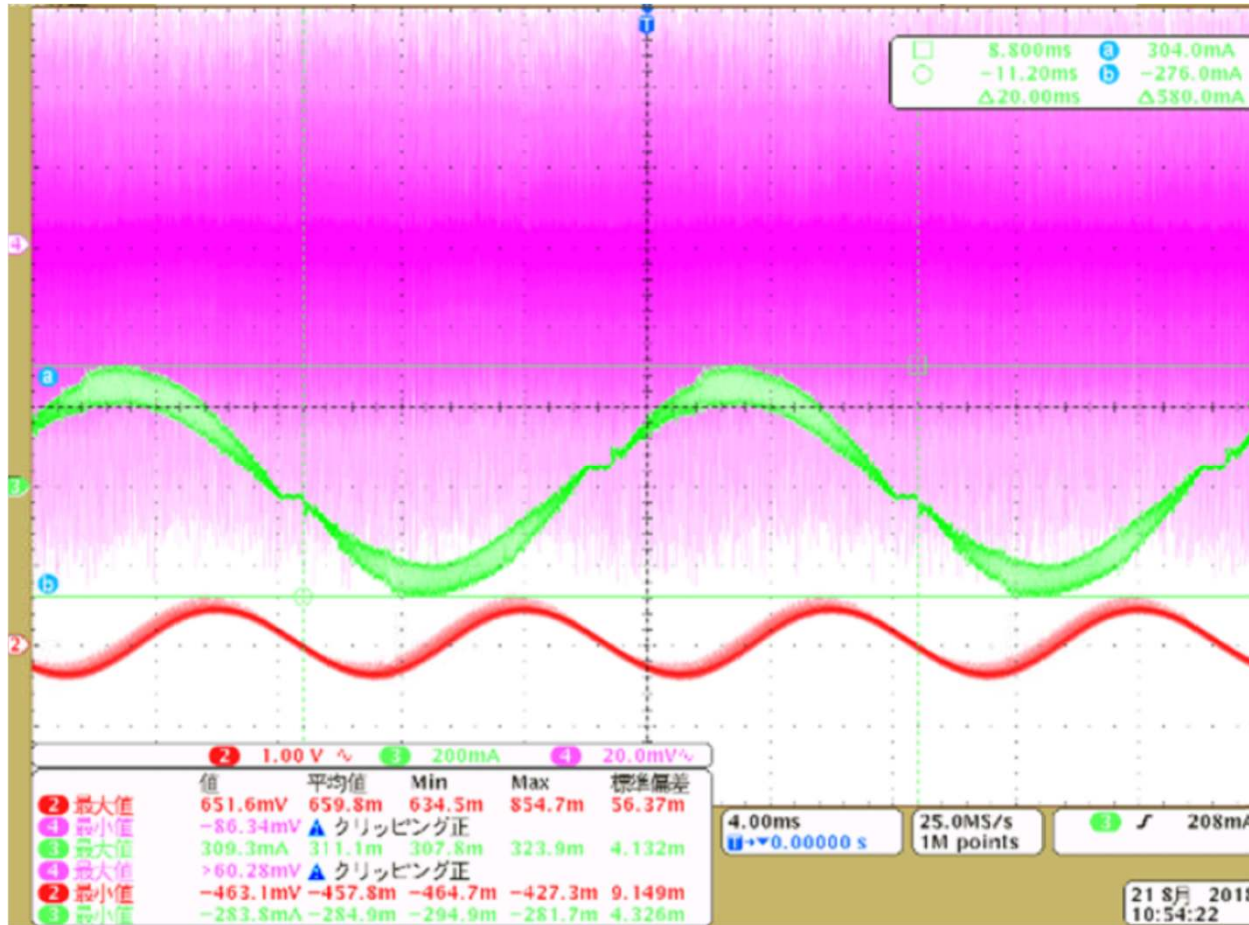


Red PFC out ripple 5v/div
 Pink LLC out ripple 10mv/div
 Green PFC input current 0.2A/div

H: 40msec/div

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5. LLC EVM load is 1.0A

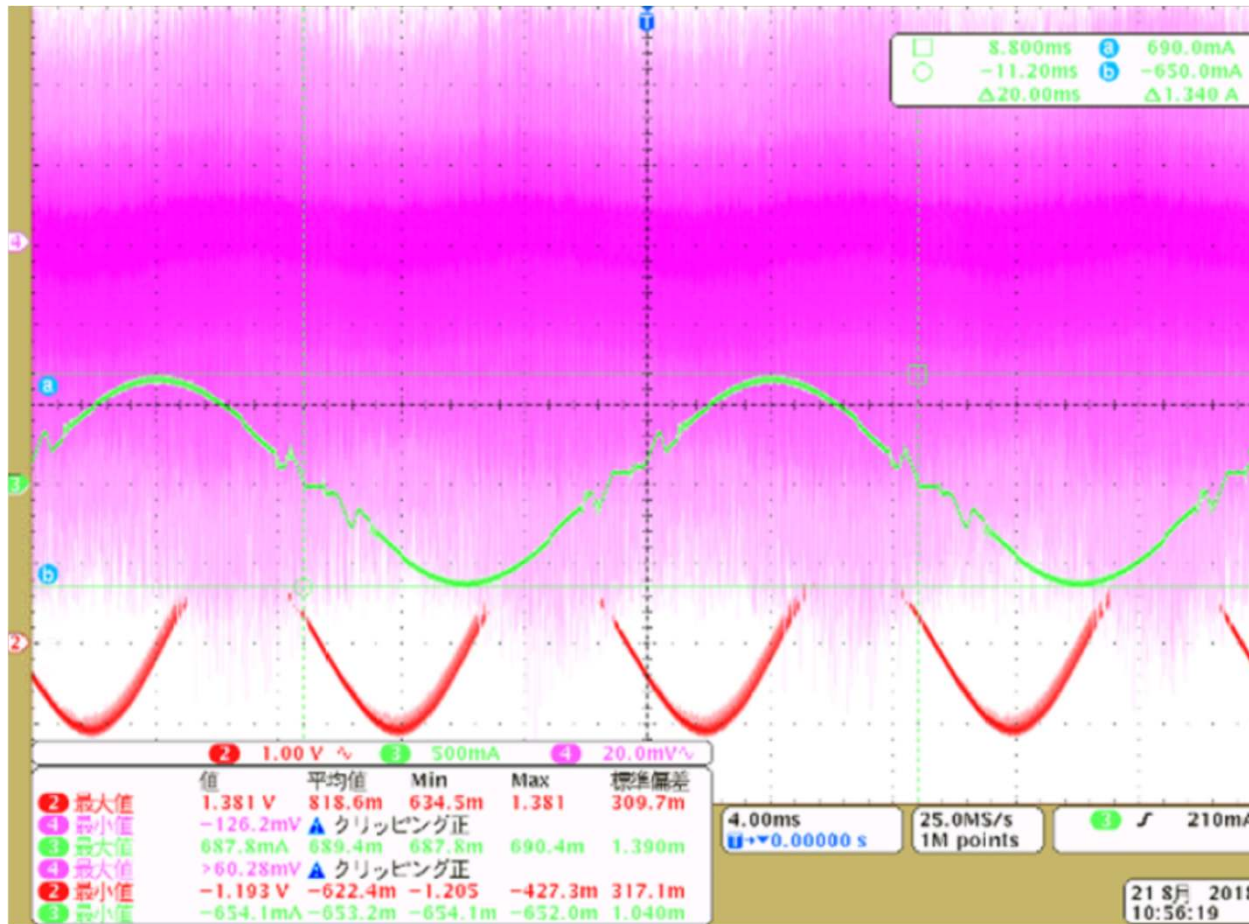


Red PFC out ripple 1v/div
 Pink LLC out ripple 20mv/div
 Green PFC input current 0.2A/div

H: 4msec/div

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6. LLC EVM load is 3.0A

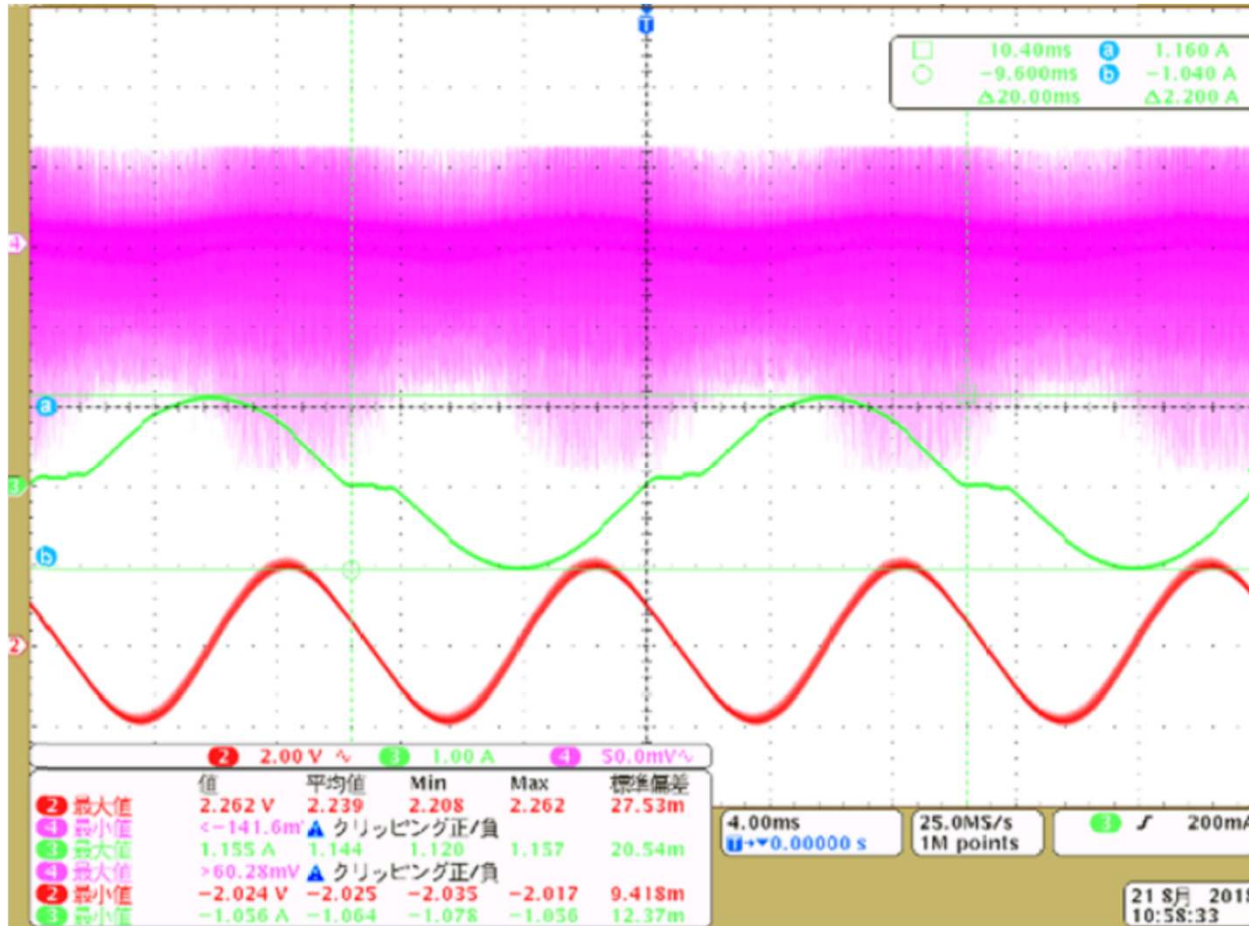


Red PFC out ripple 1v/div
 Pink LLC out ripple 20mv/div
 Green PFC input current 0.5A/div

H: 4msec/div

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7. LLC EVM load is 5.0A

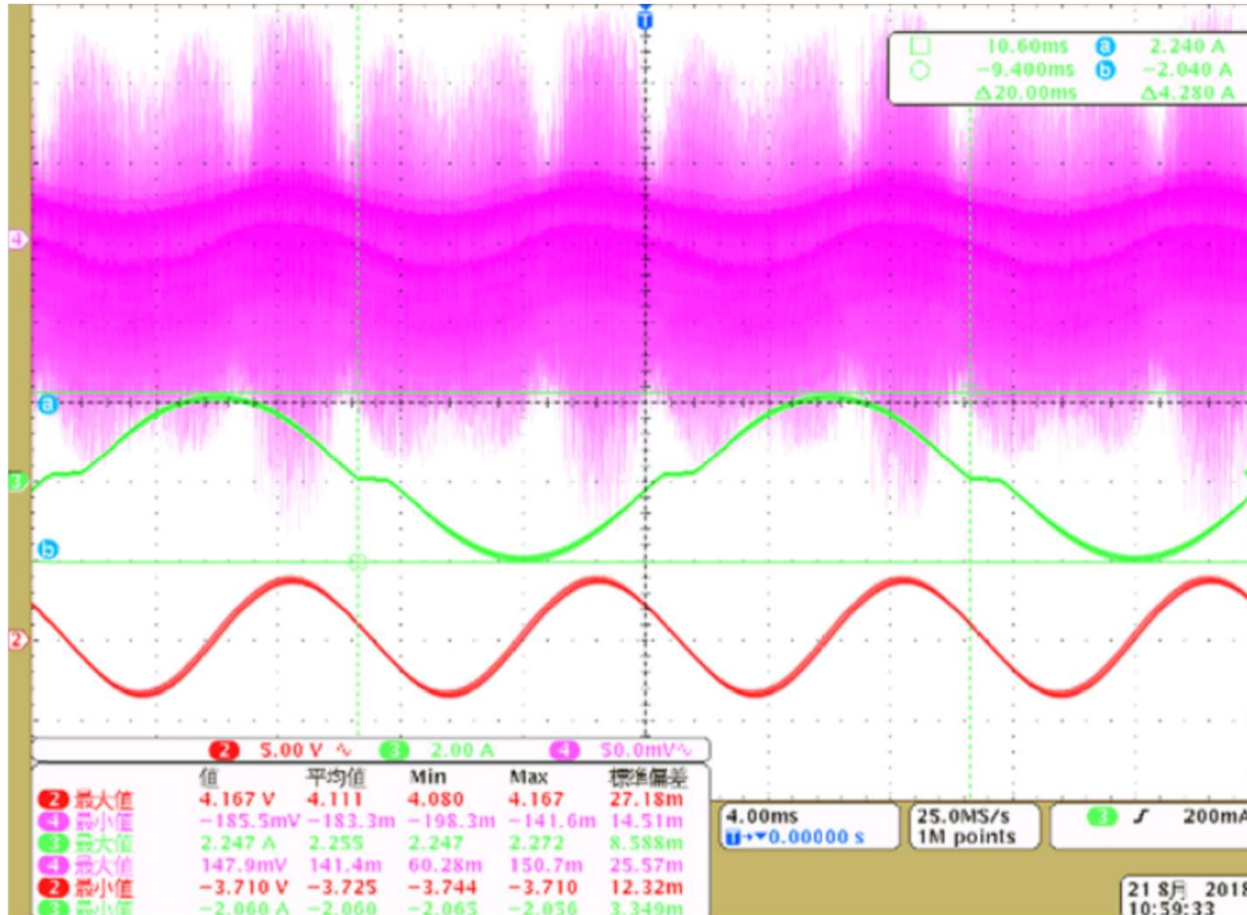


Red PFC out ripple 2v/div
 Pink LLC out ripple 50mv/div
 Green PFC input current 1A/div

H: 4msec/div

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8. LLC EVM load is 10.0A



Red PFC out ripple 5v/div
 Pink LLC out ripple 50mv/div
 Green PFC input current 2A/div

H: 4msec/div