

LM10692

Reference Design for Mini EVM

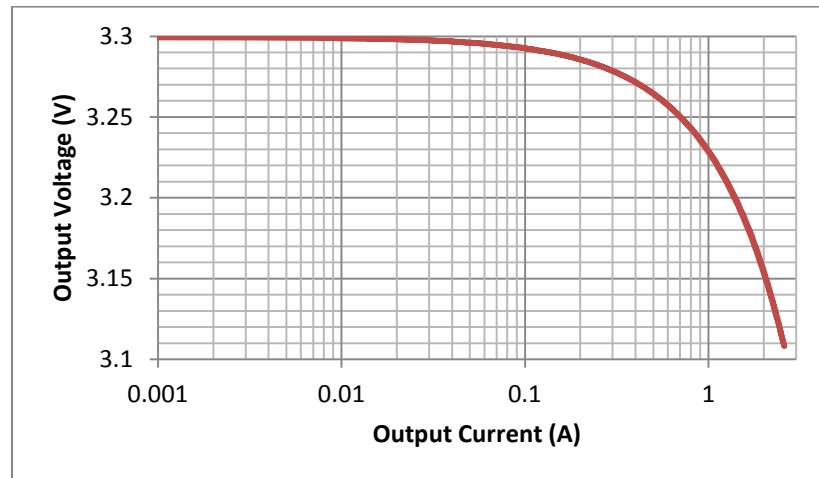
Test Report - 12/12/2014

Contents

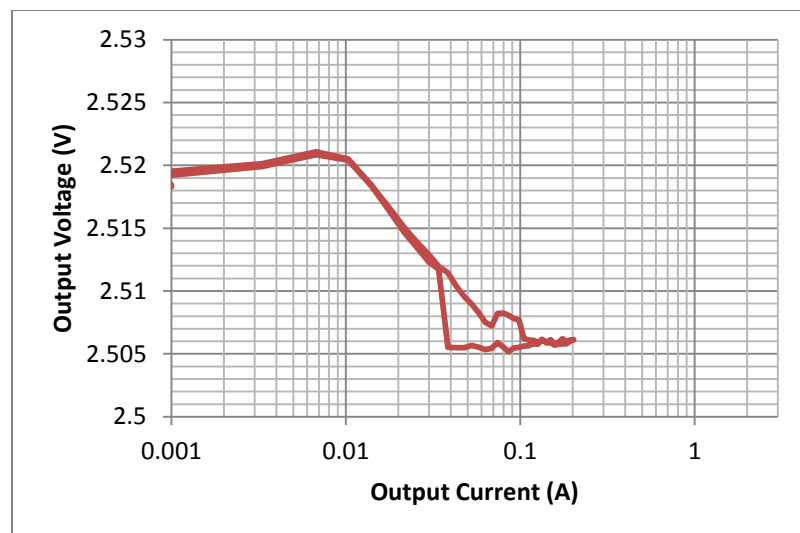
Load Regulation	2
Ch1	2
Ch2	2
Ch3	3
Ch4	3
Ch5	4
Ch6	4
Efficiency	5
Ch1	5
Ch2	5
Ch3	6
Ch4	6
Ch5	7
Ch6	7
Startup	8
ENCPE Toggle	9
Short Tests	10
Ch4	10
Ch5	11
Ch6	12
Load Transient.....	13

Load Regulation

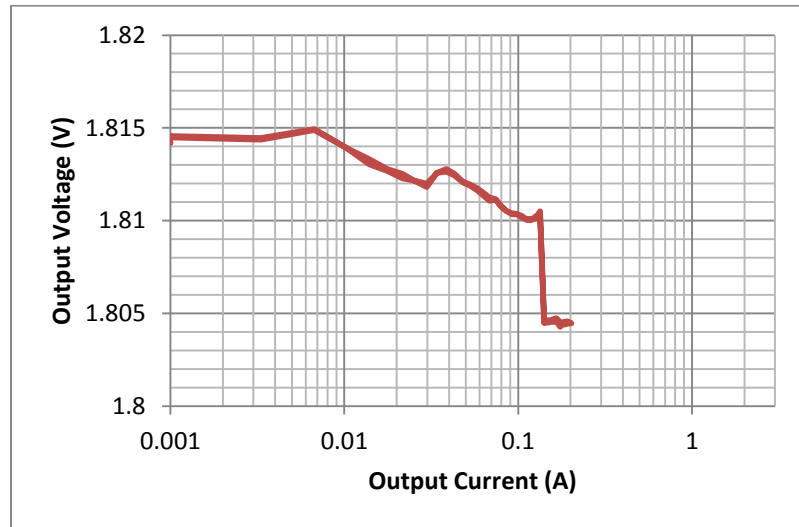
Ch1



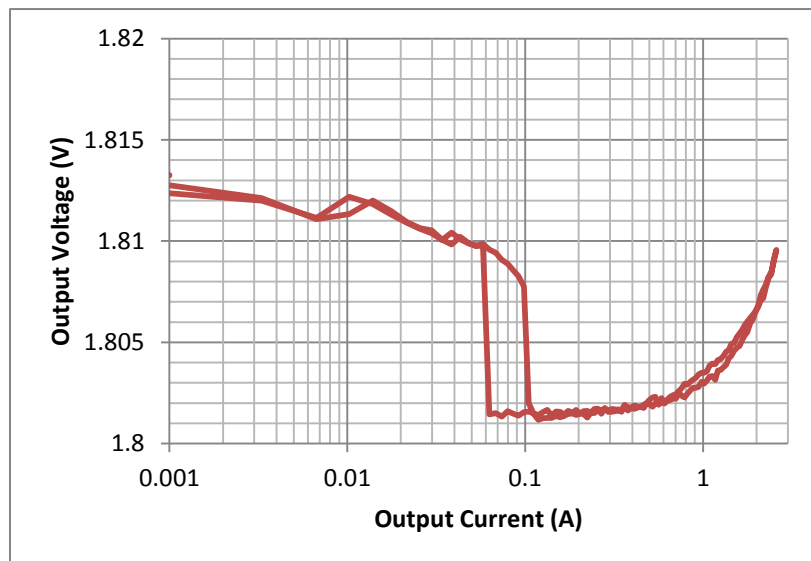
Ch2



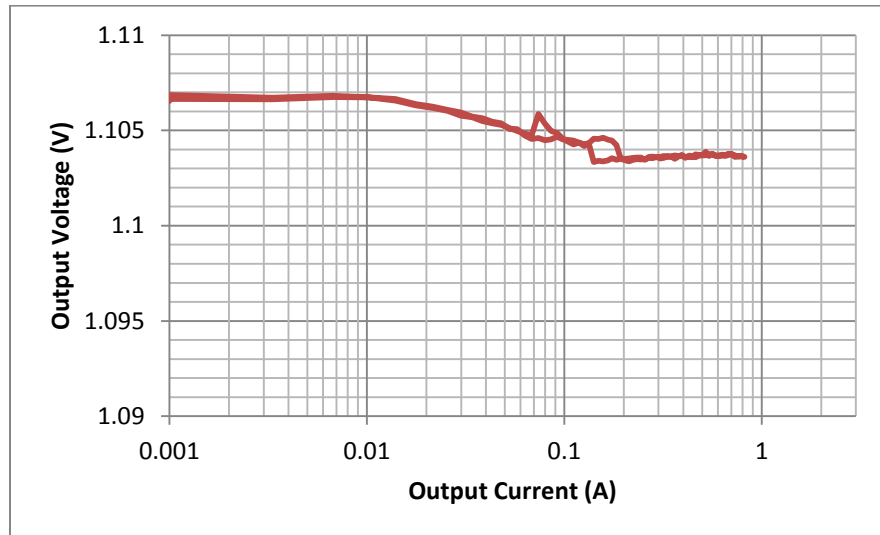
Ch3



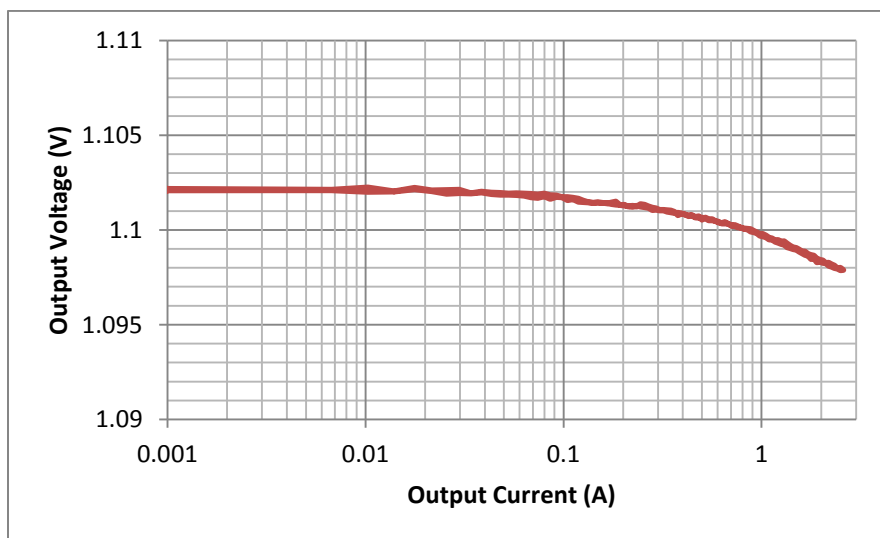
Ch4



Ch5

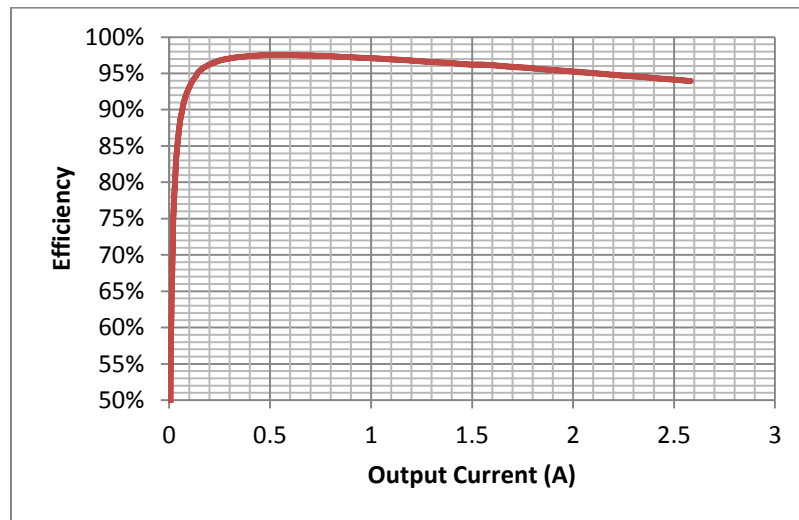


Ch6

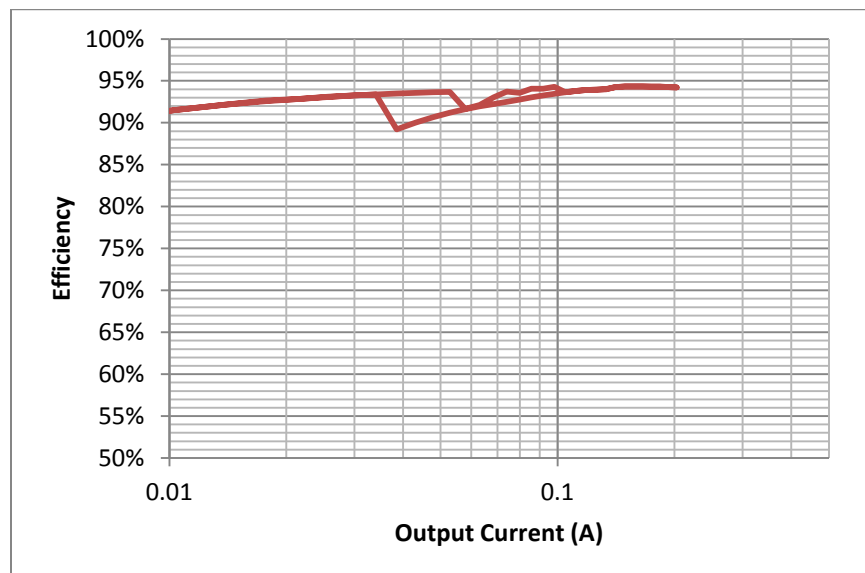


Efficiency

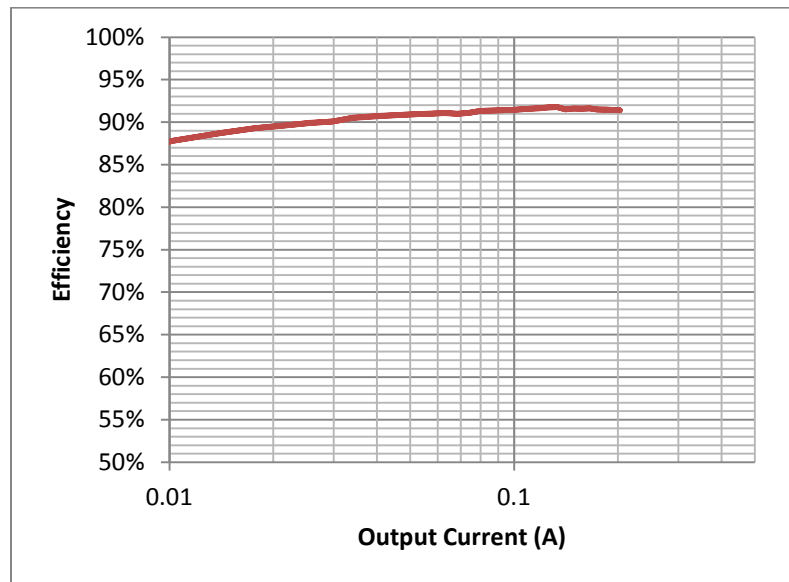
Ch1



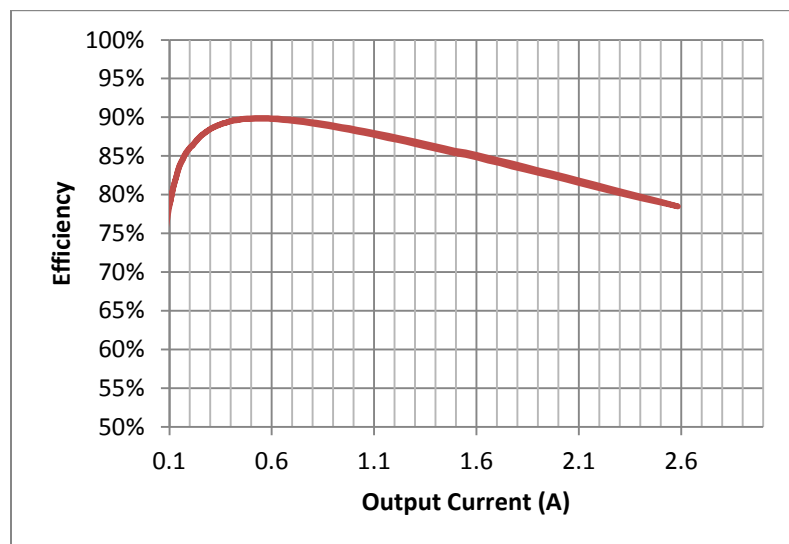
Ch2



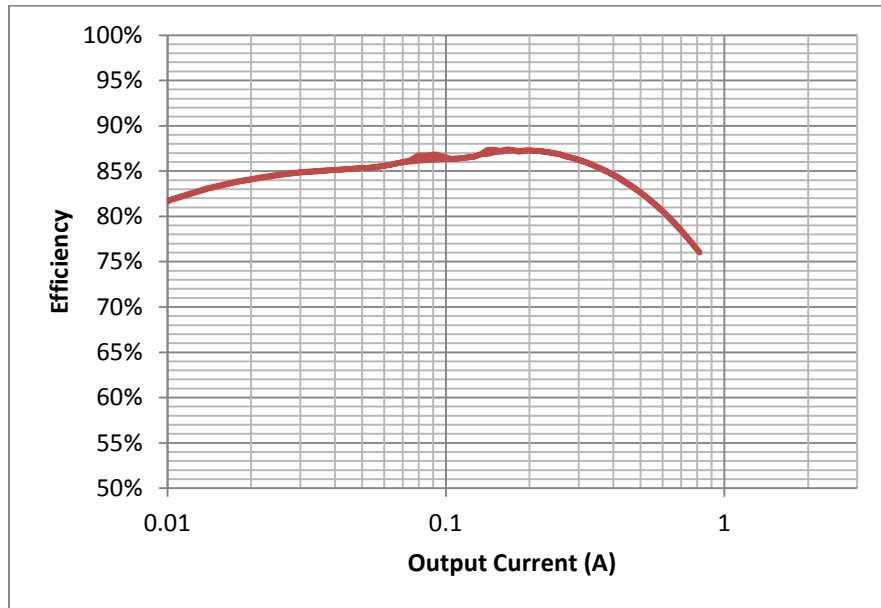
Ch3



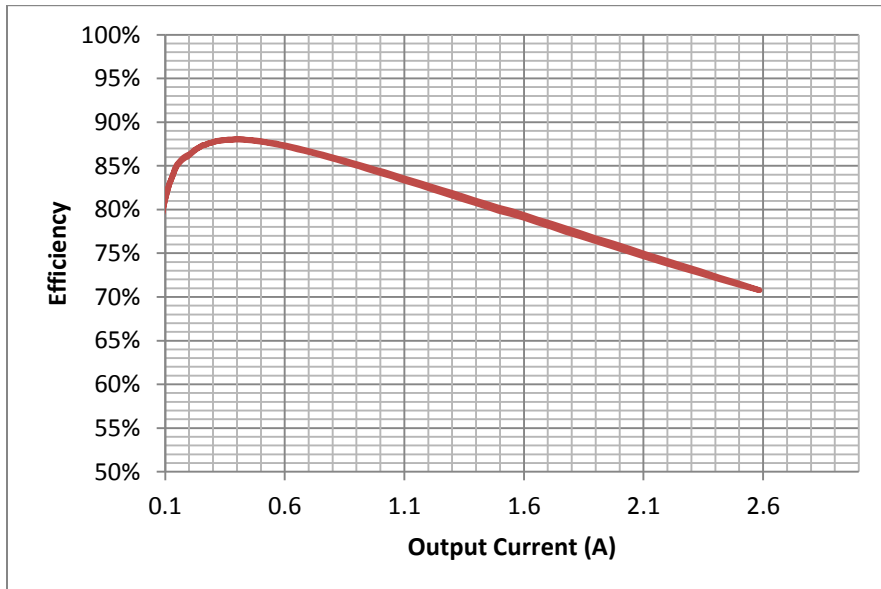
Ch4



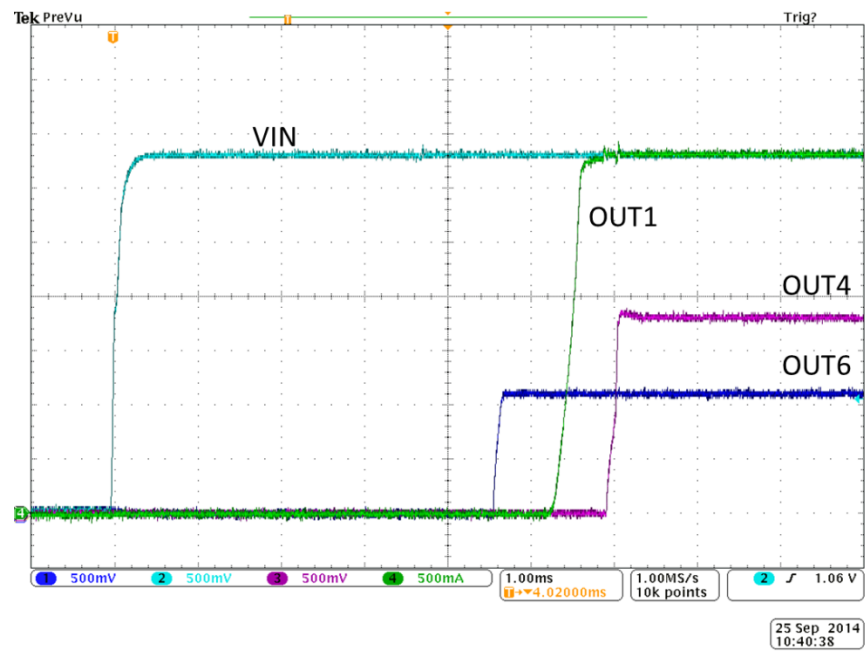
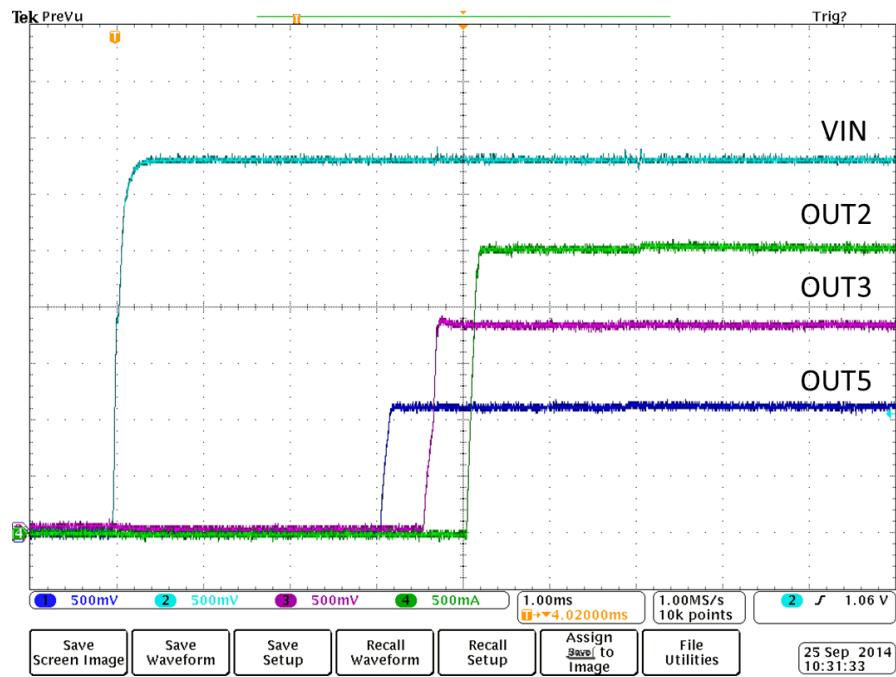
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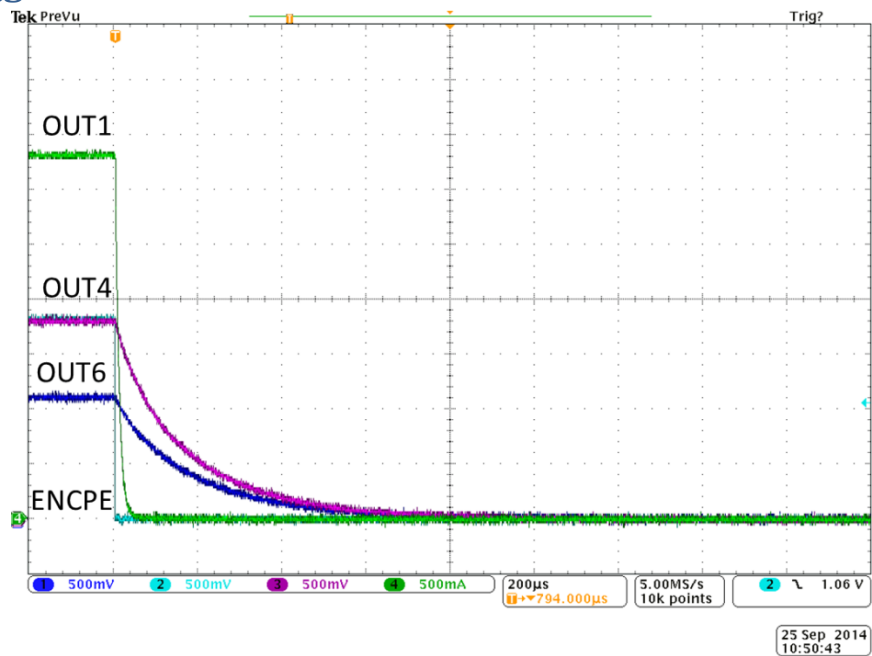
Ch6



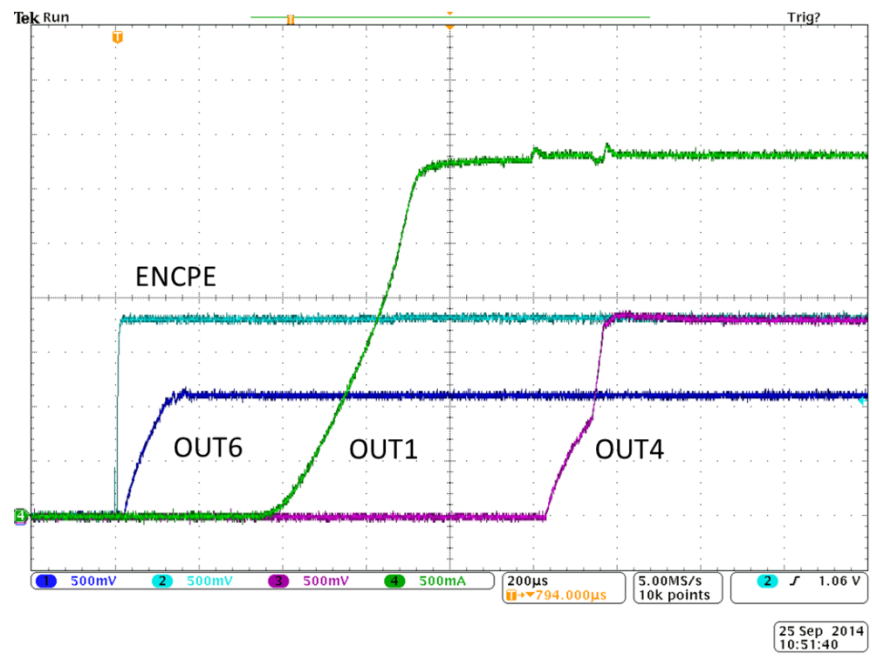
Startup



ENCPE Toggle



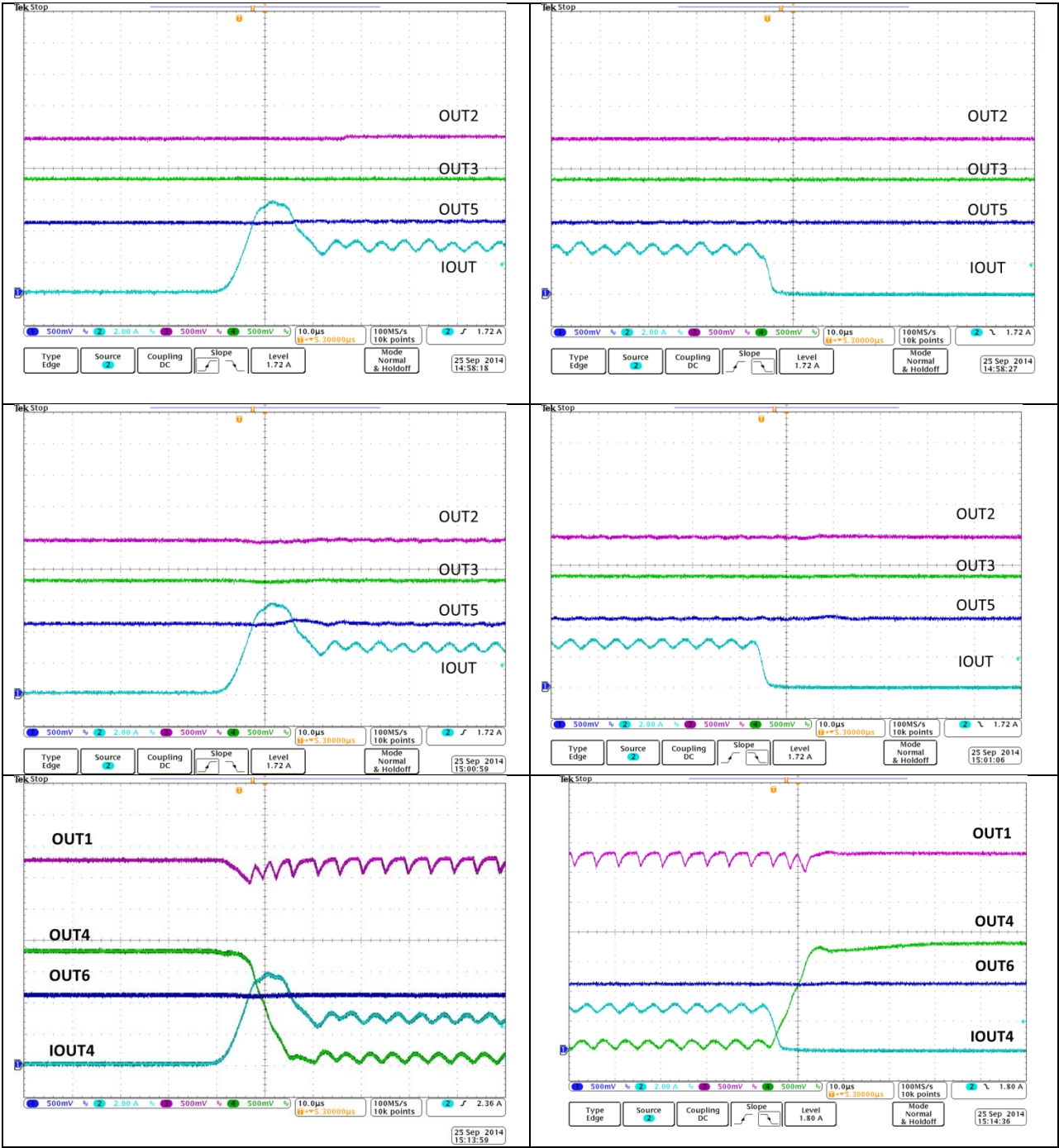
Toggle low



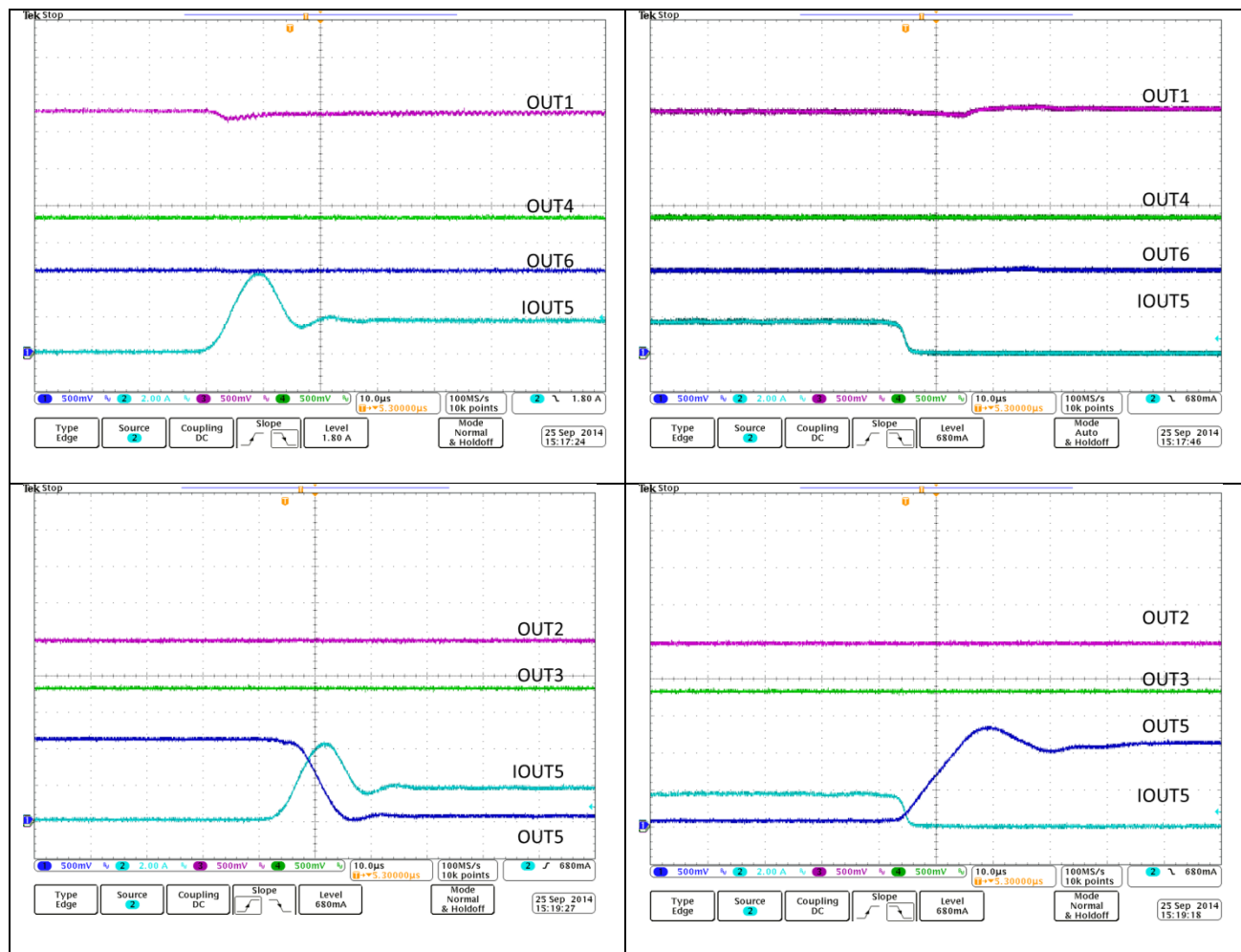
Toggle high

Short Tests

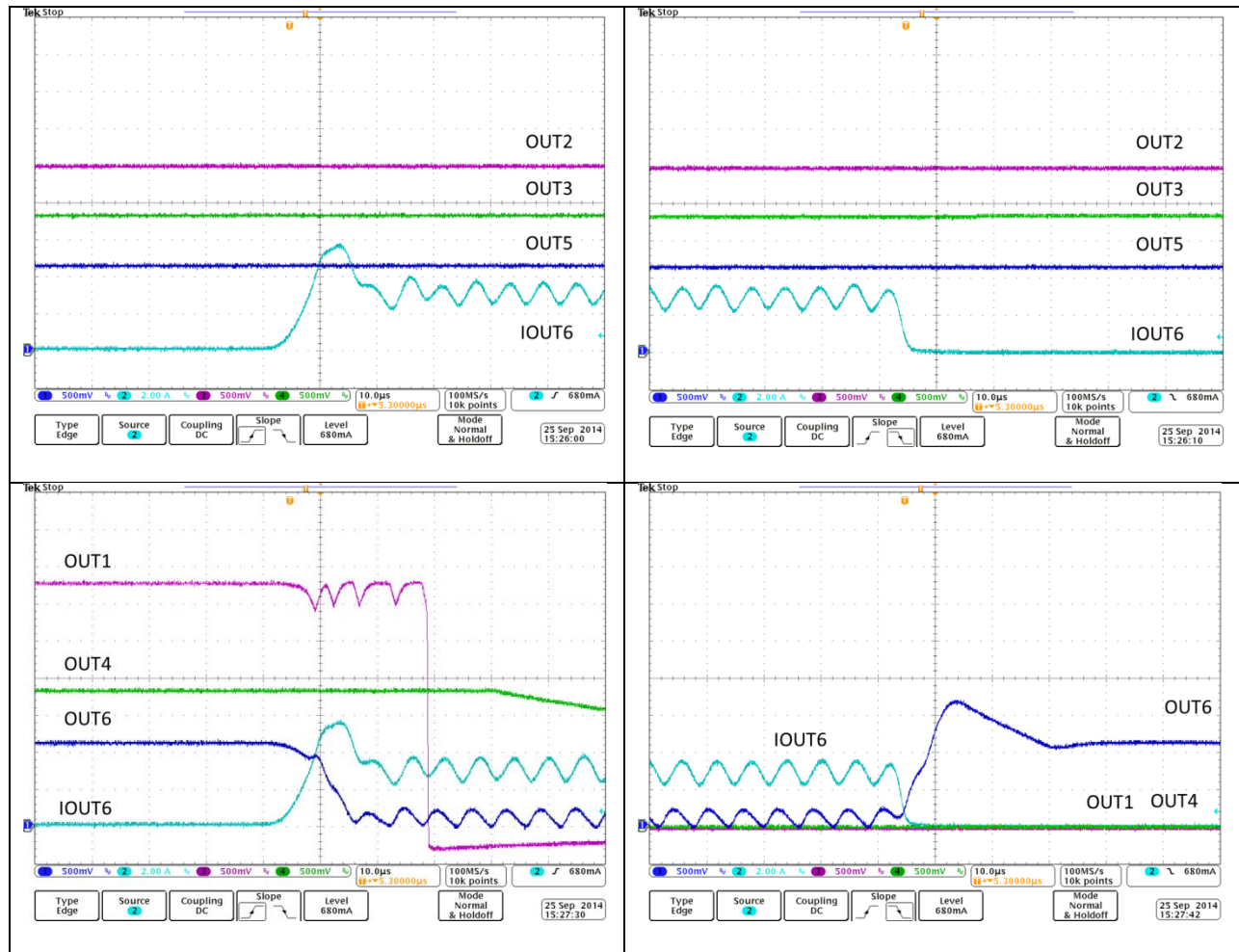
Ch4



Ch5

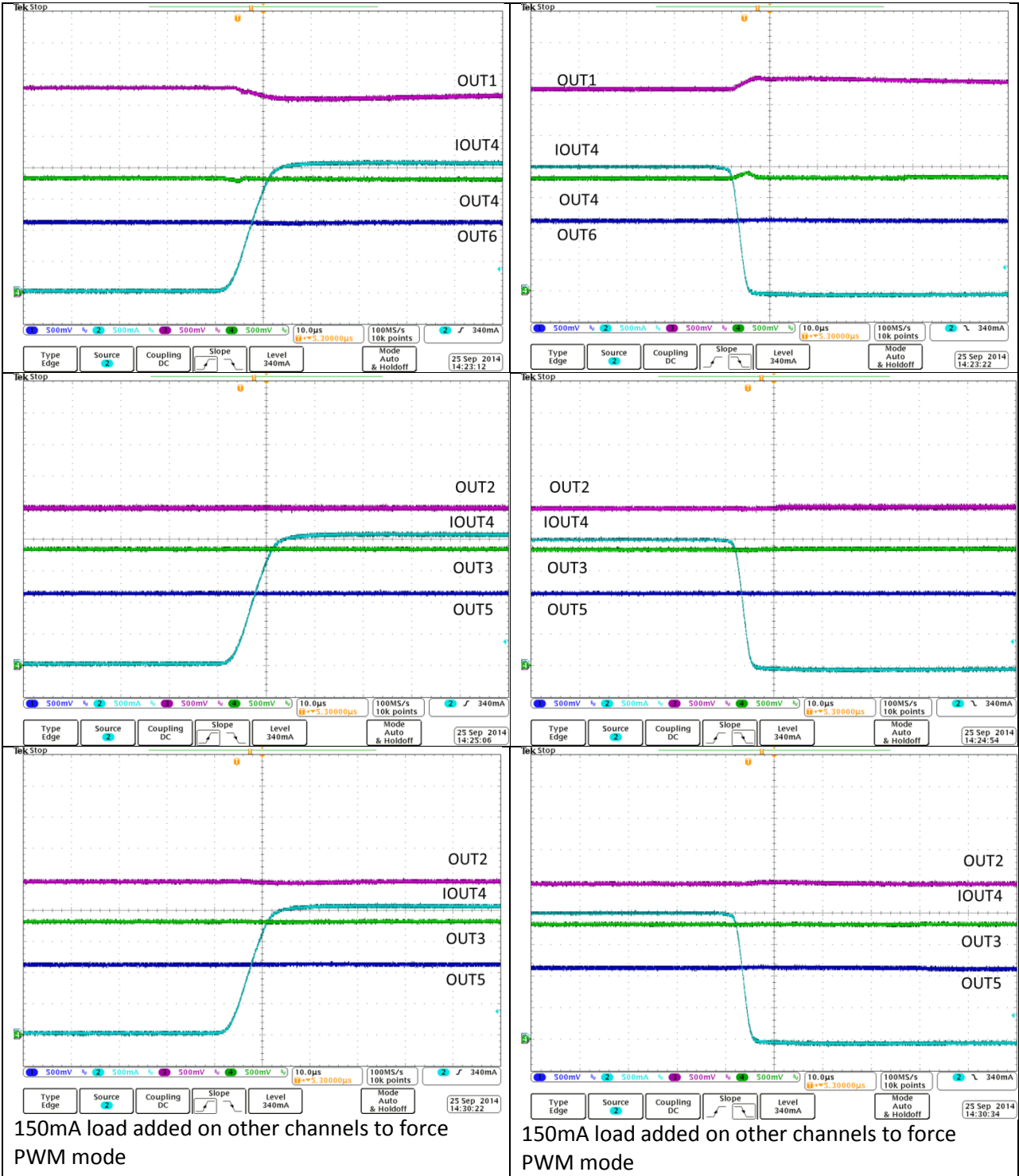


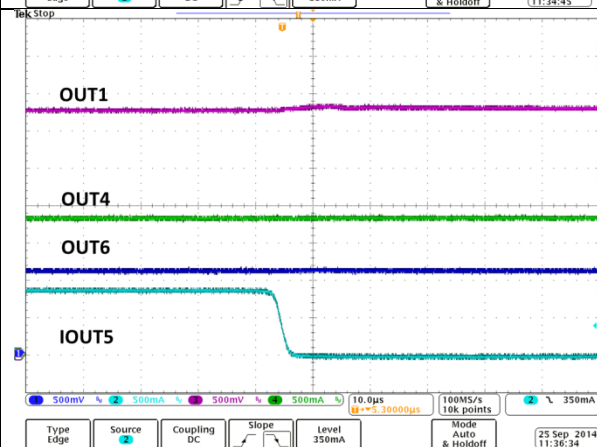
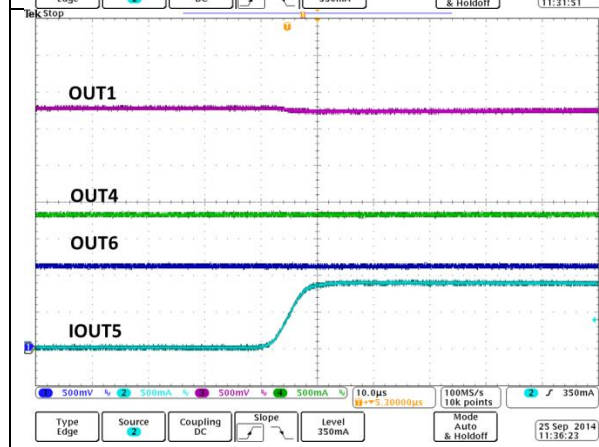
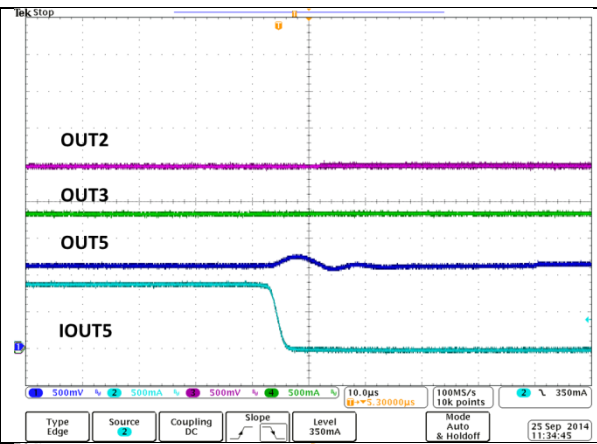
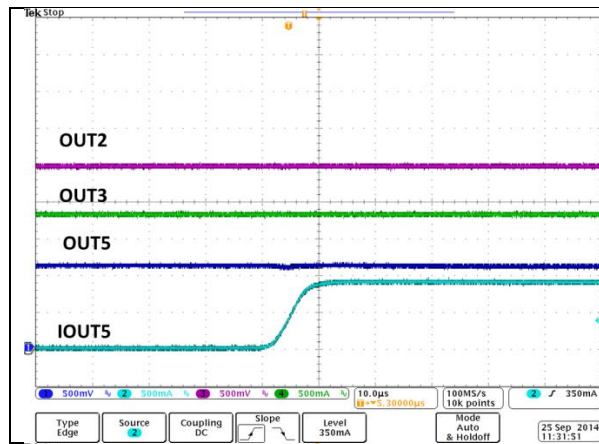
Ch6

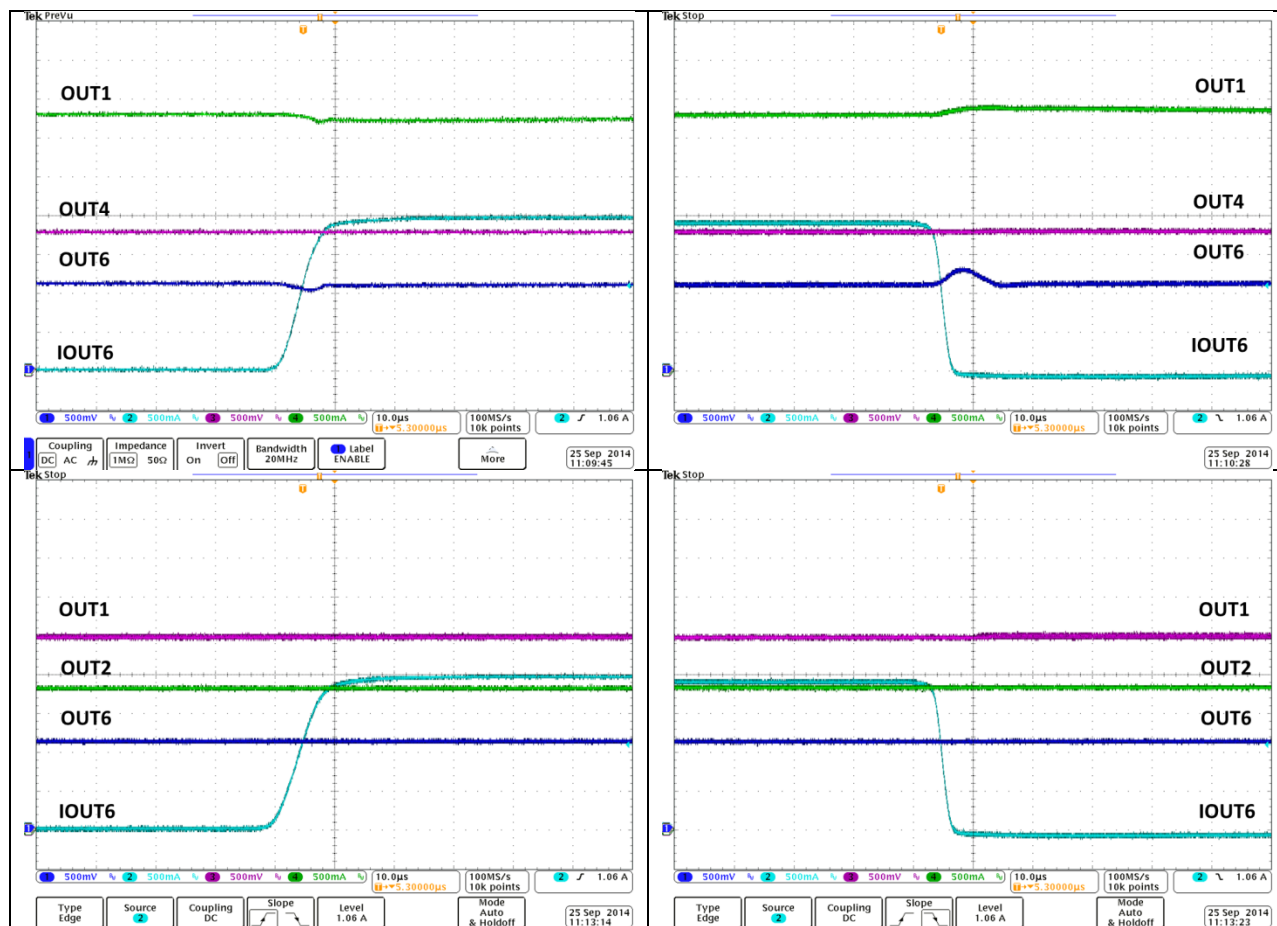


Shorts on Ch6 triggers shutdown of Ch1 and Ch4 as expected due to the dependency of the internal enables to a PowerGood internal signal on Ch6.

Load Transient







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