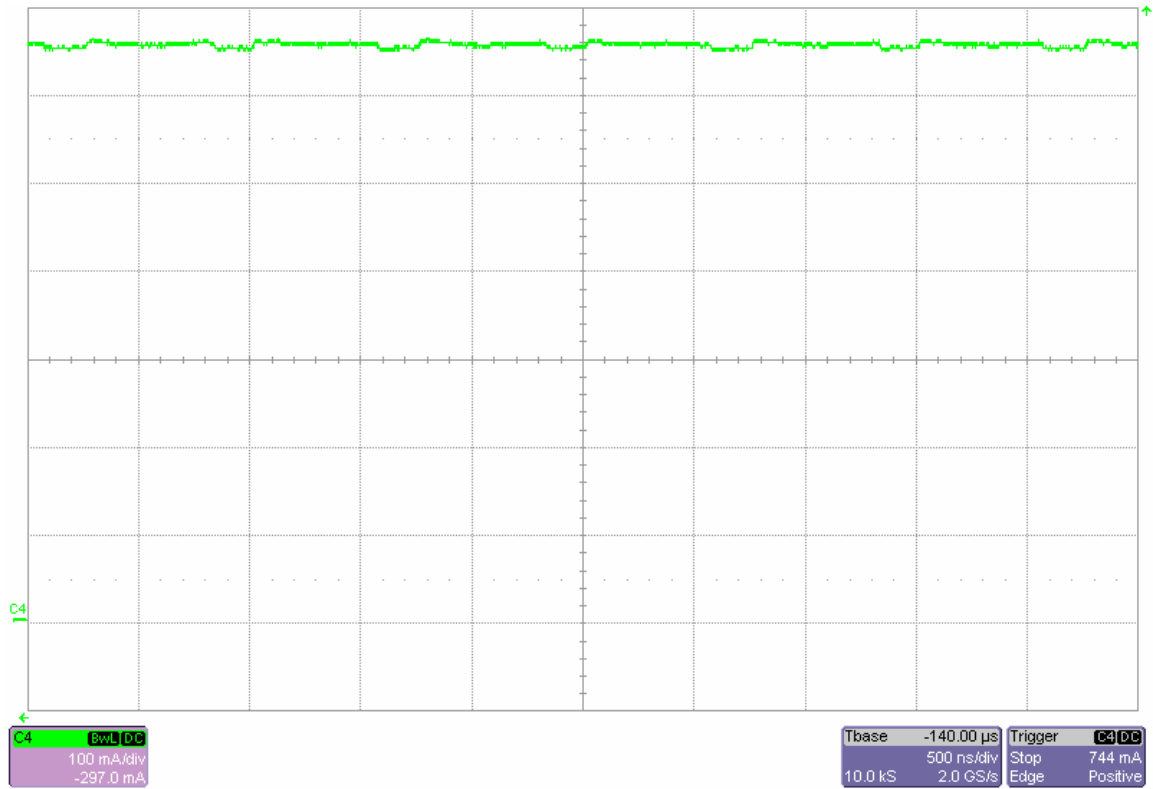


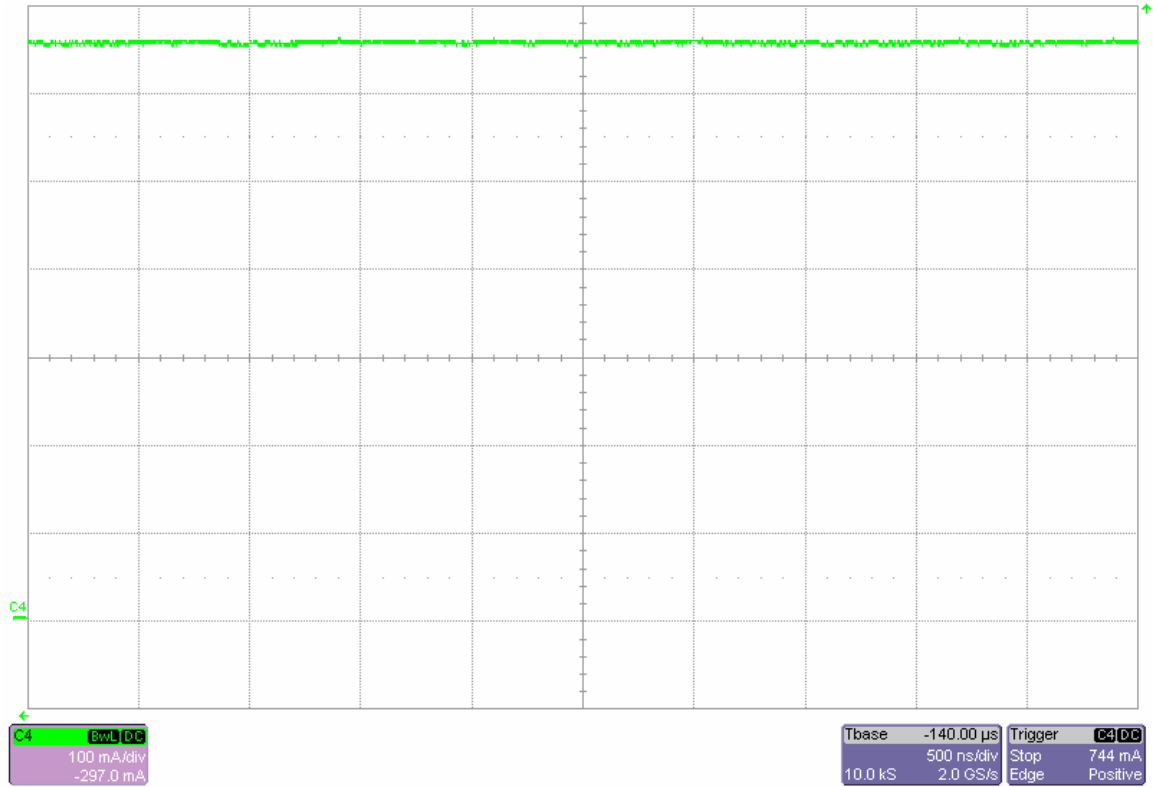
## Test Report

1) The output current graphs with DC coupling are shown below:

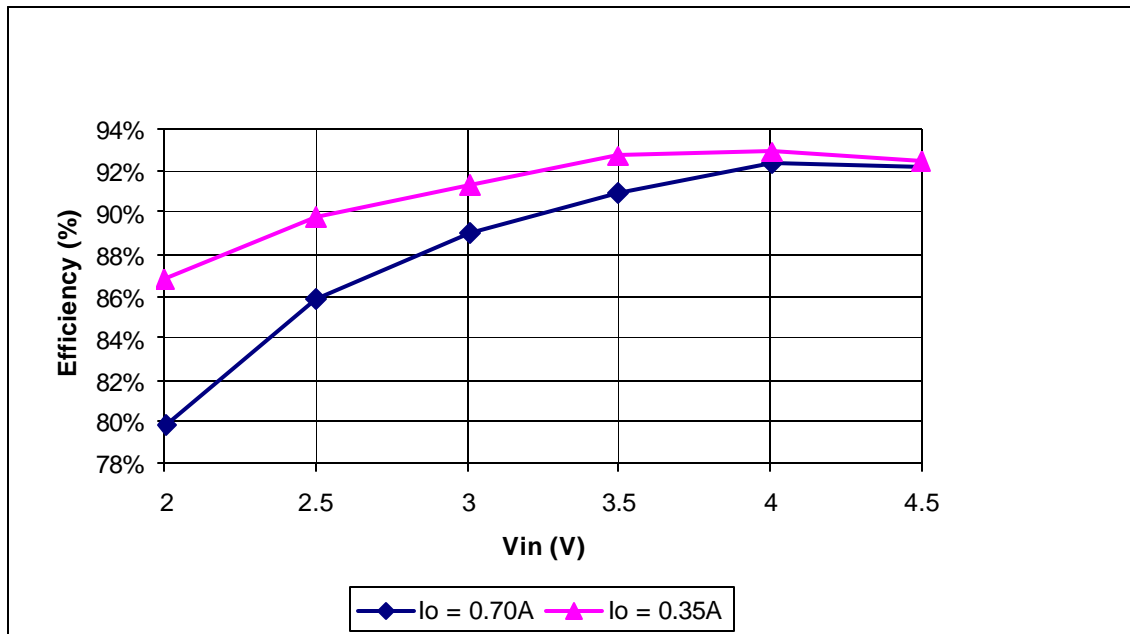
Output current with  $V_{IN} = 3V$



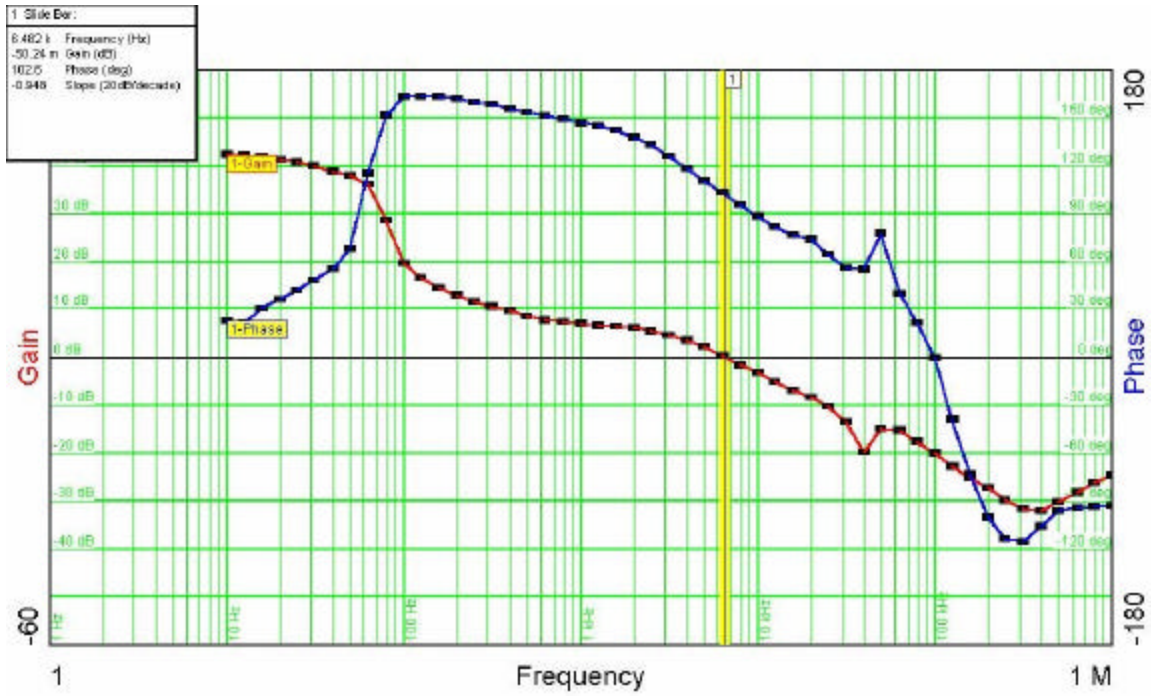
Output current with  $V_{IN} = 4V$  is shown below:



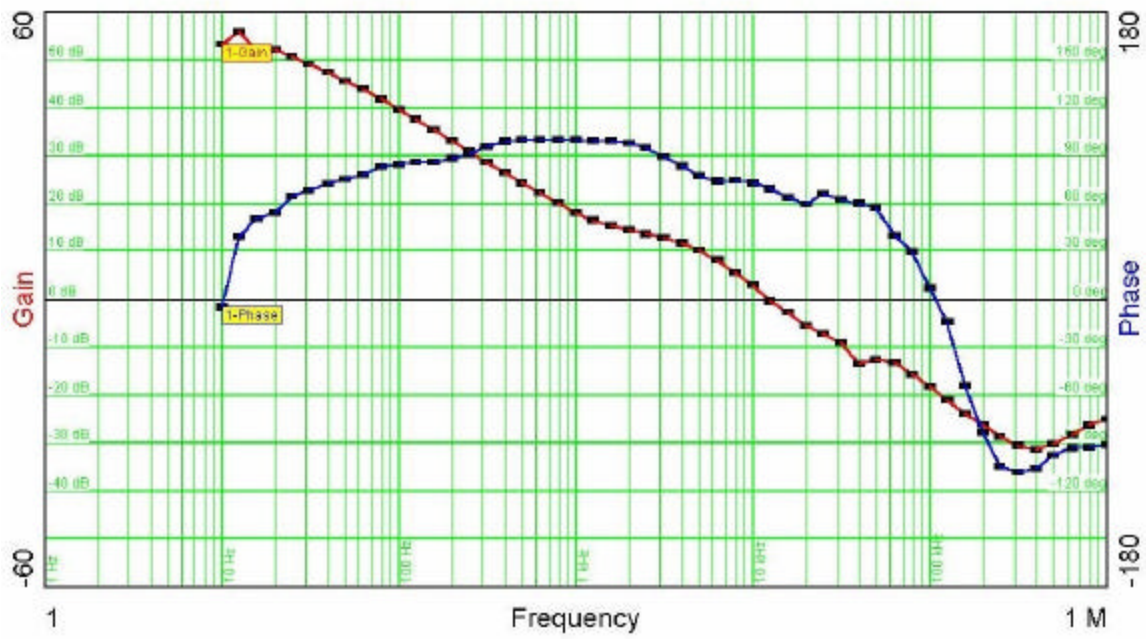
2) The efficiency curve for  $I_o = 0.32A$  and  $I_o = 0.62A$  is shown below:



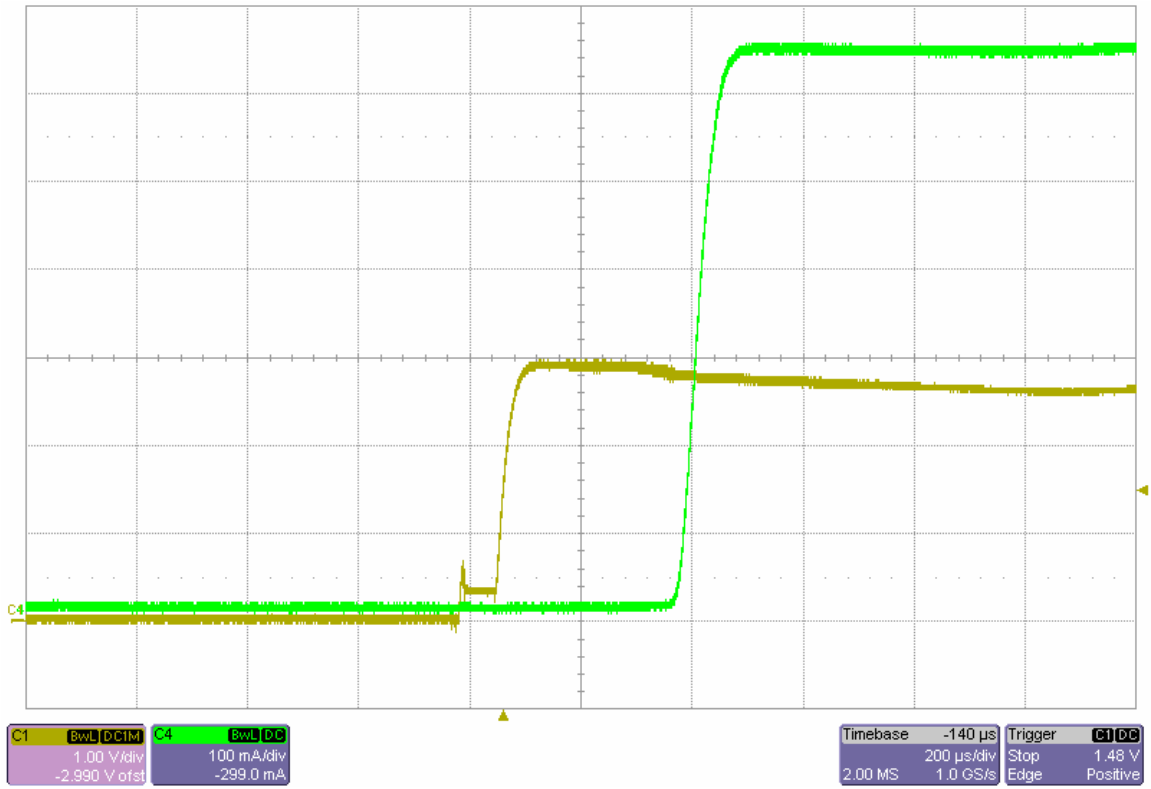
3) The control loop response with 0.63 A:



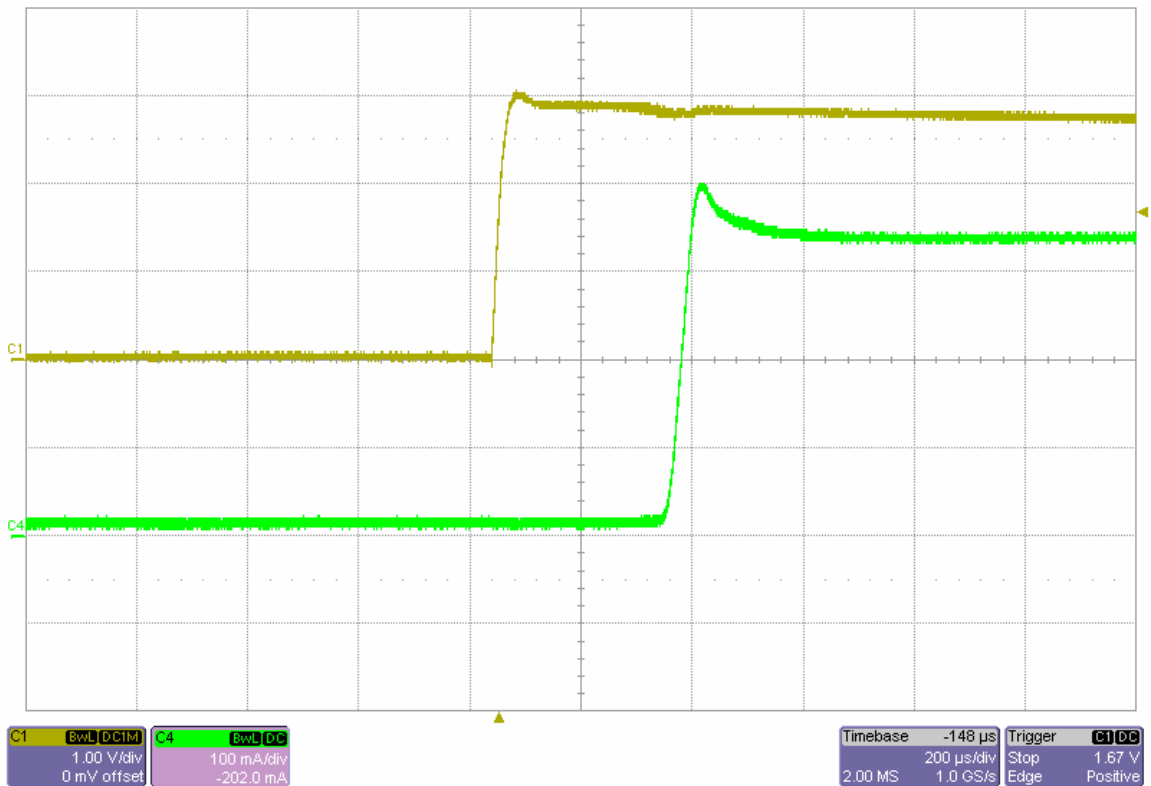
The control loop response with 0.32 A:



4) The turn on with 0.63 A is shown below:



The turn on with 0.35 A is shown below:



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