

TFG_Z04_TR A-phi OutCoil 2flip-oval 8-Poles

All the results below need to be studied and verified.

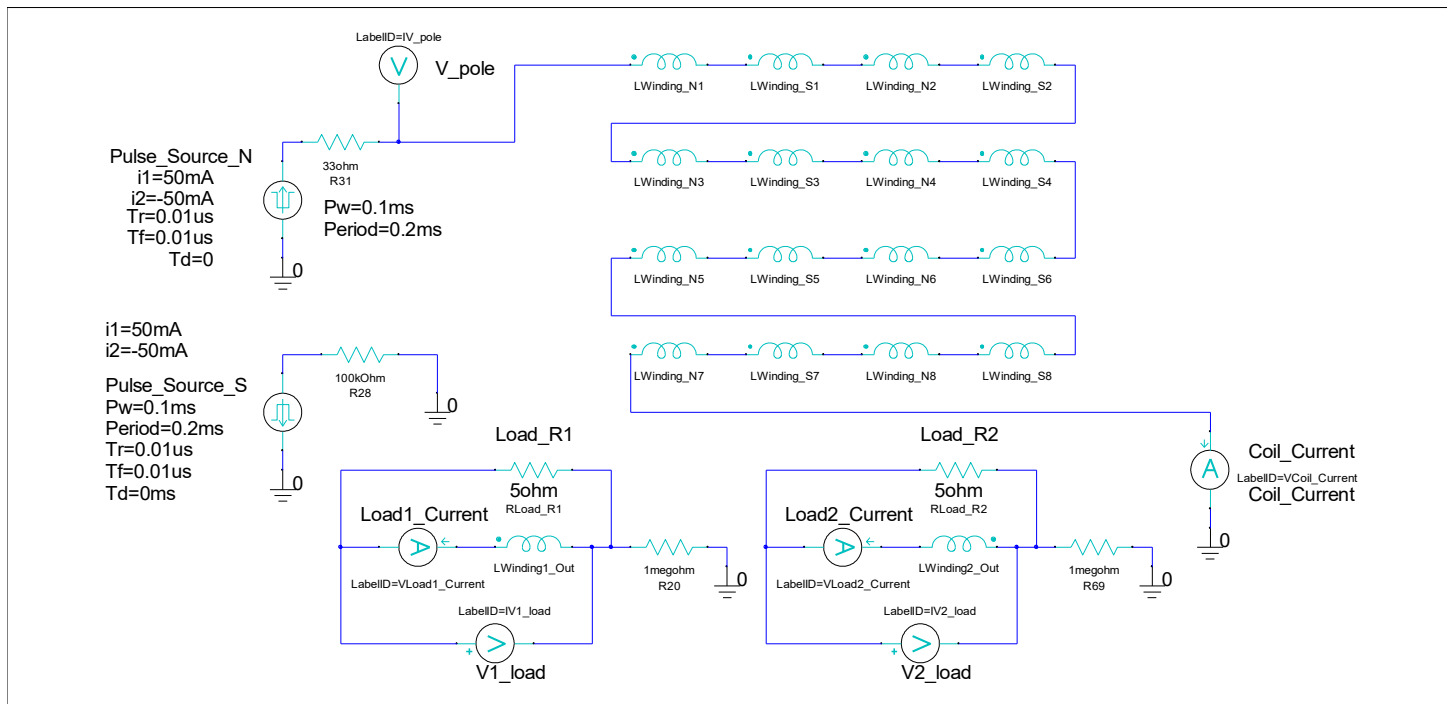
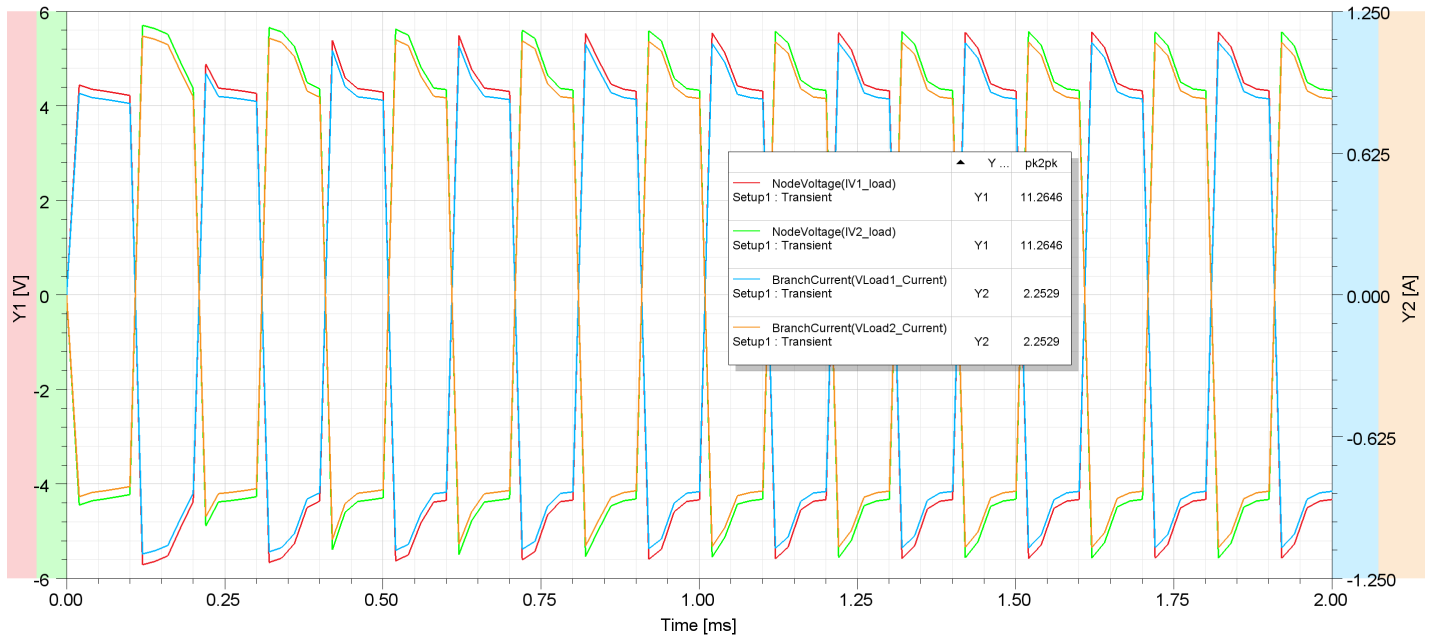
We are dealing with an approach that's never been done before, AFAIK!

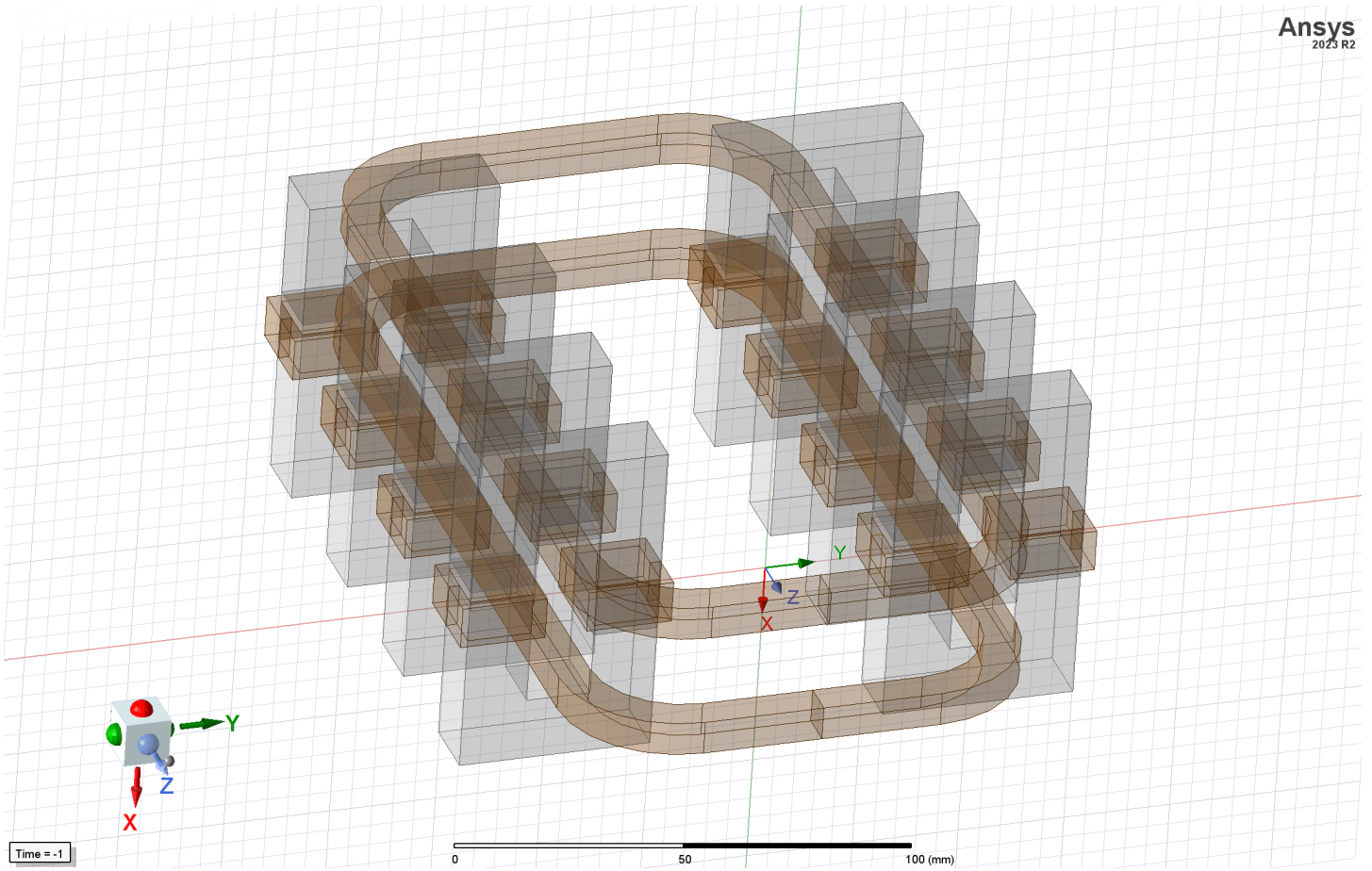
It's certainly not your typical transformer, motor, or generator; that's for sure!

Vout 1&2 Iout 1&2 C-20t L-40t

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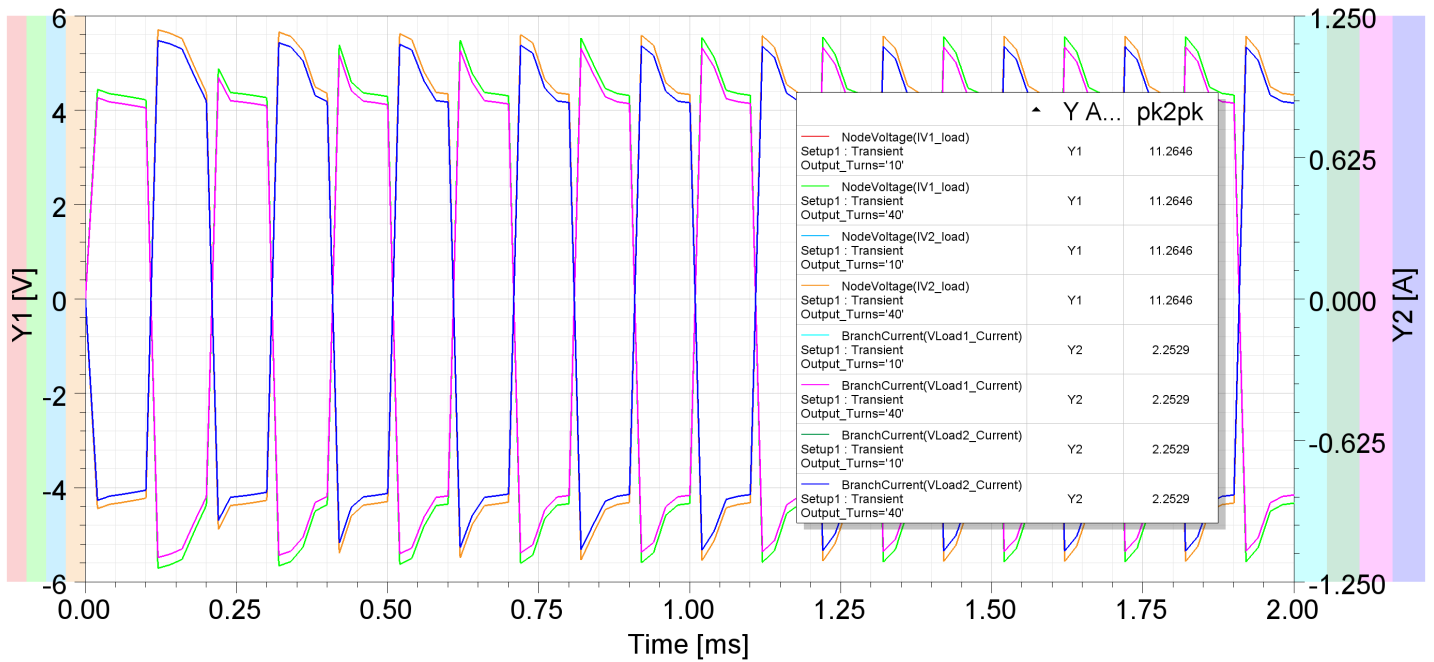




NOTE: No change in Vout or Iout for Loop turns of 20 or 40.

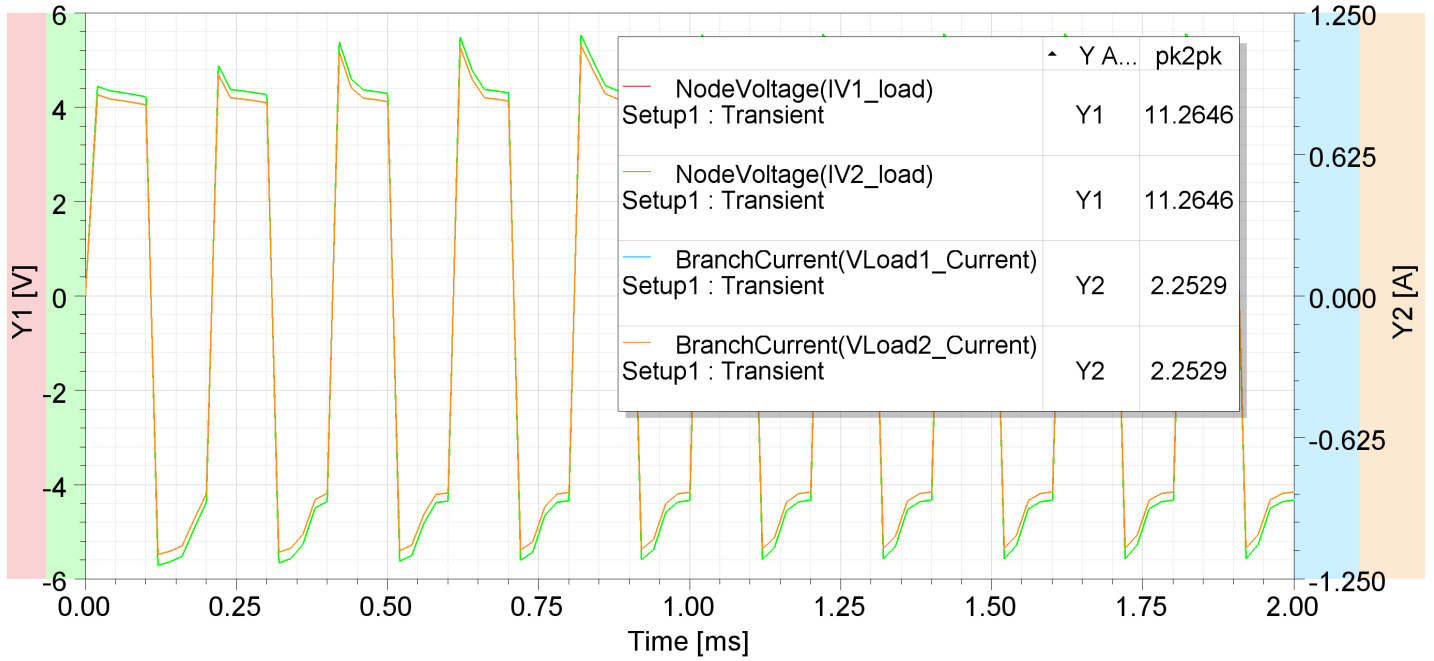
Out V I flip

Maxwell3DDesign2



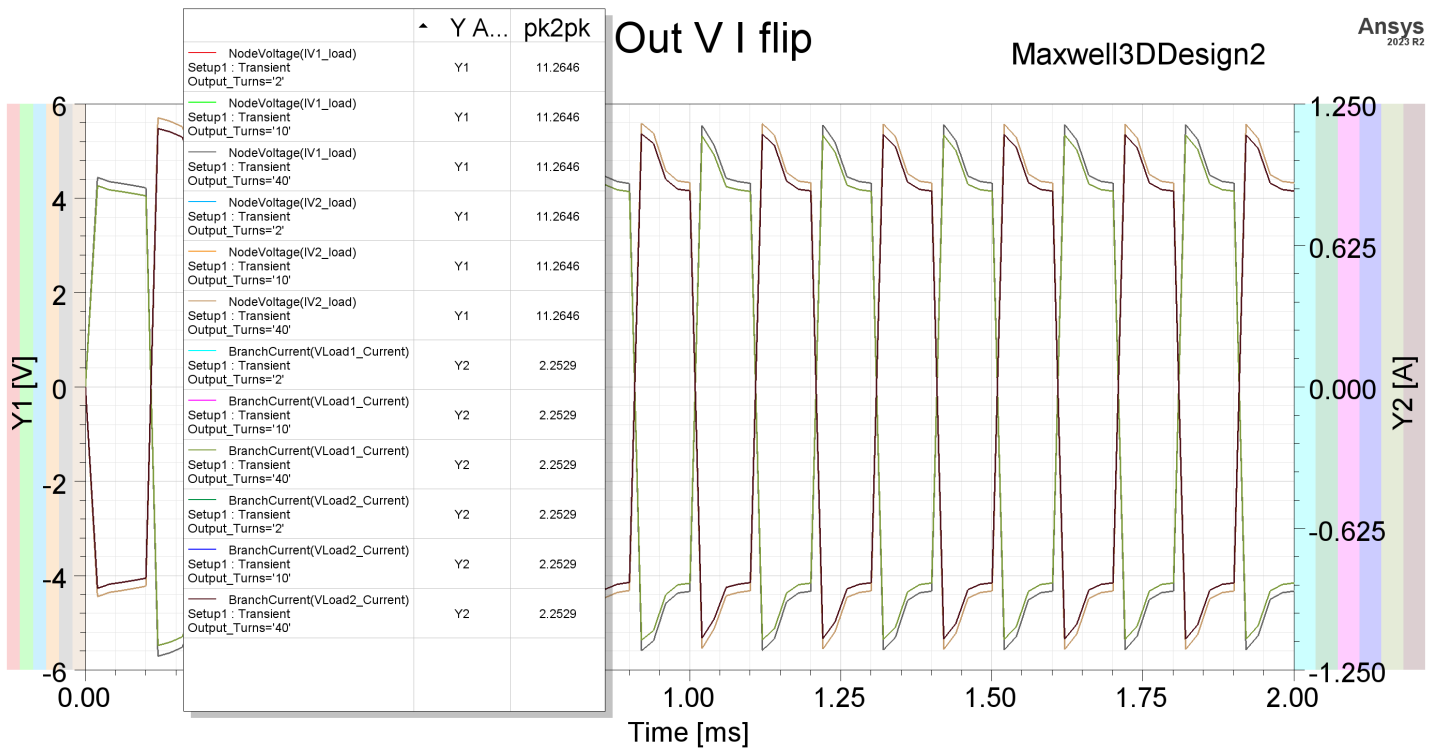
Out V I no-flip

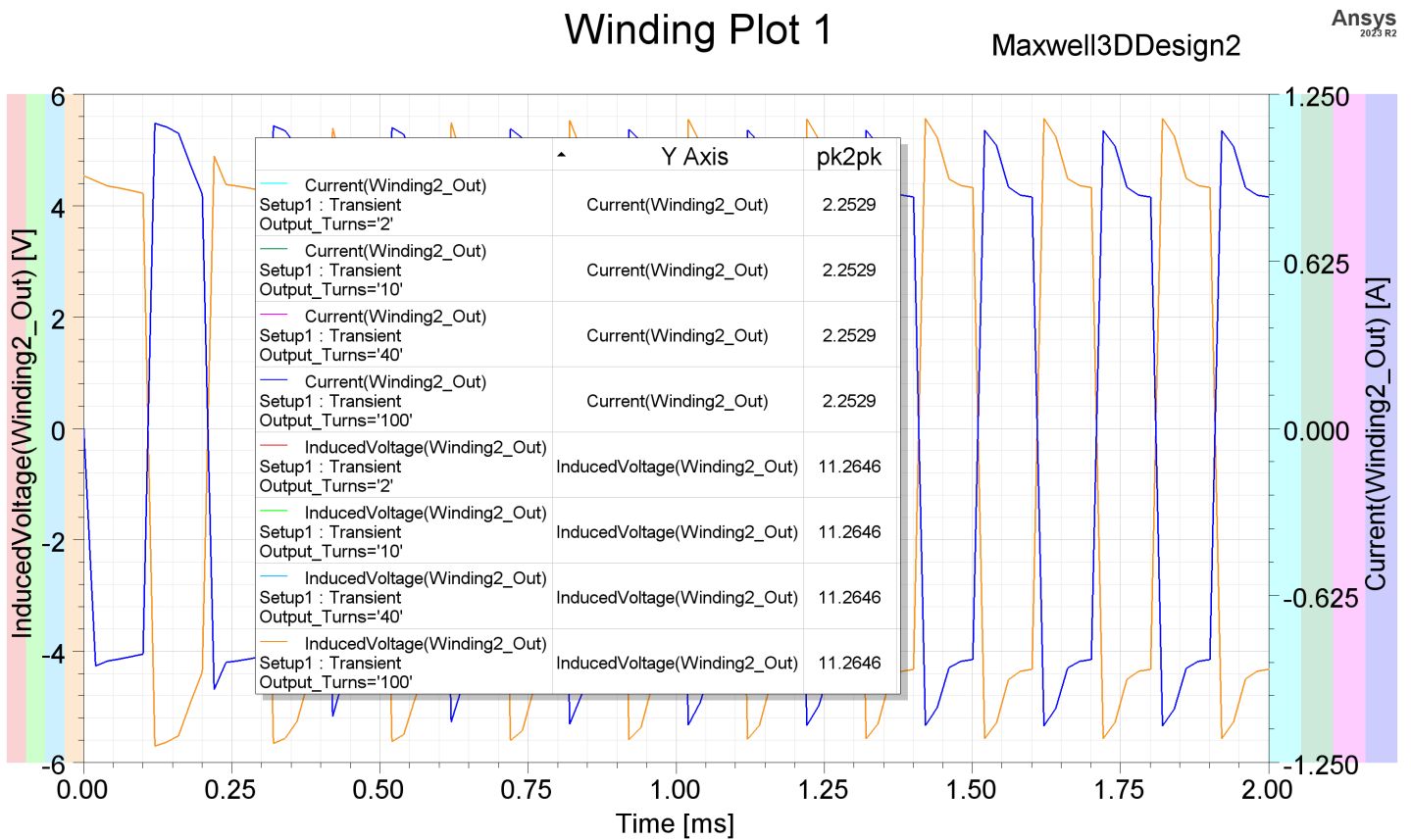
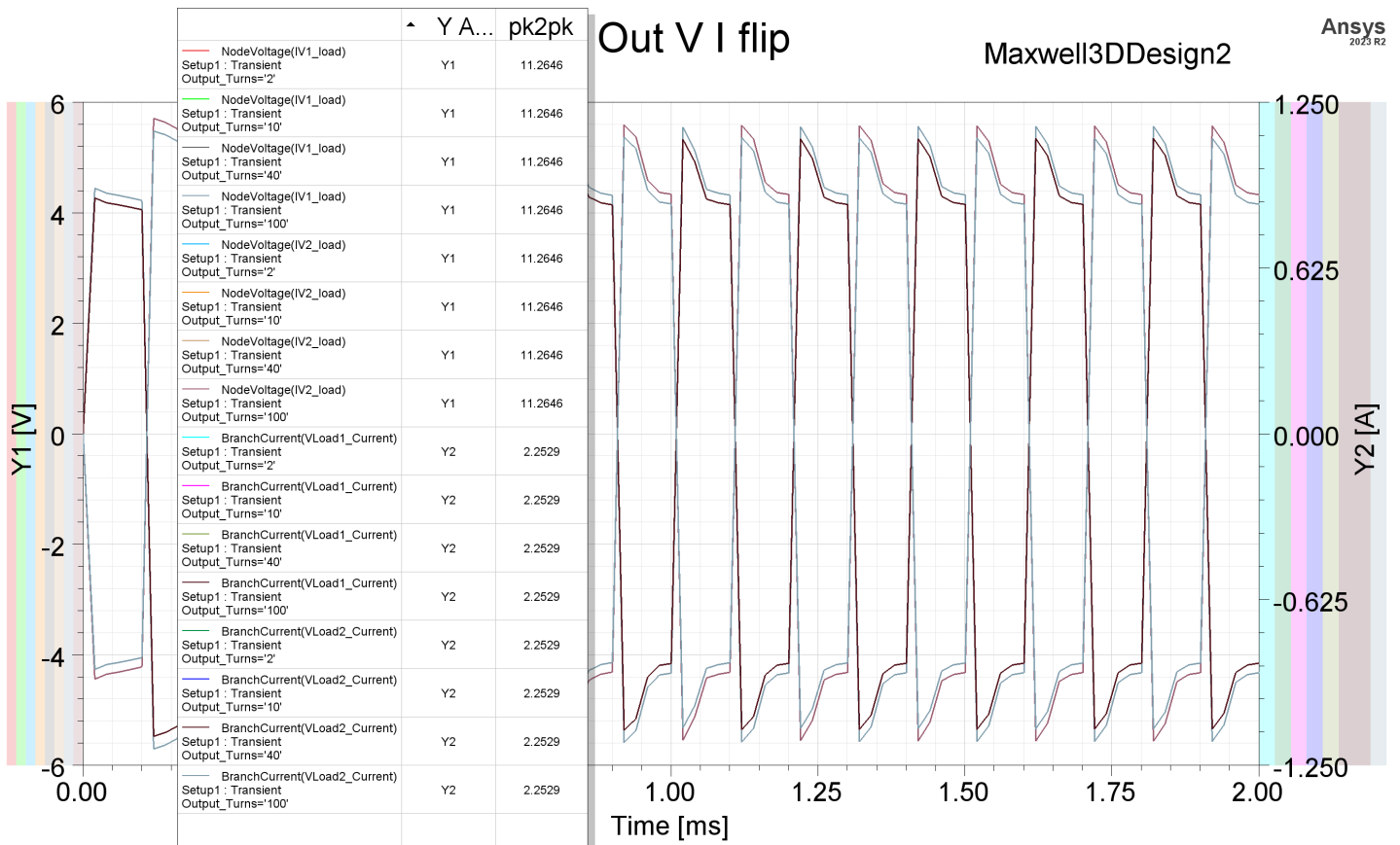
Maxwell3DDesign2



Out V I flip

Maxwell3DDesign2



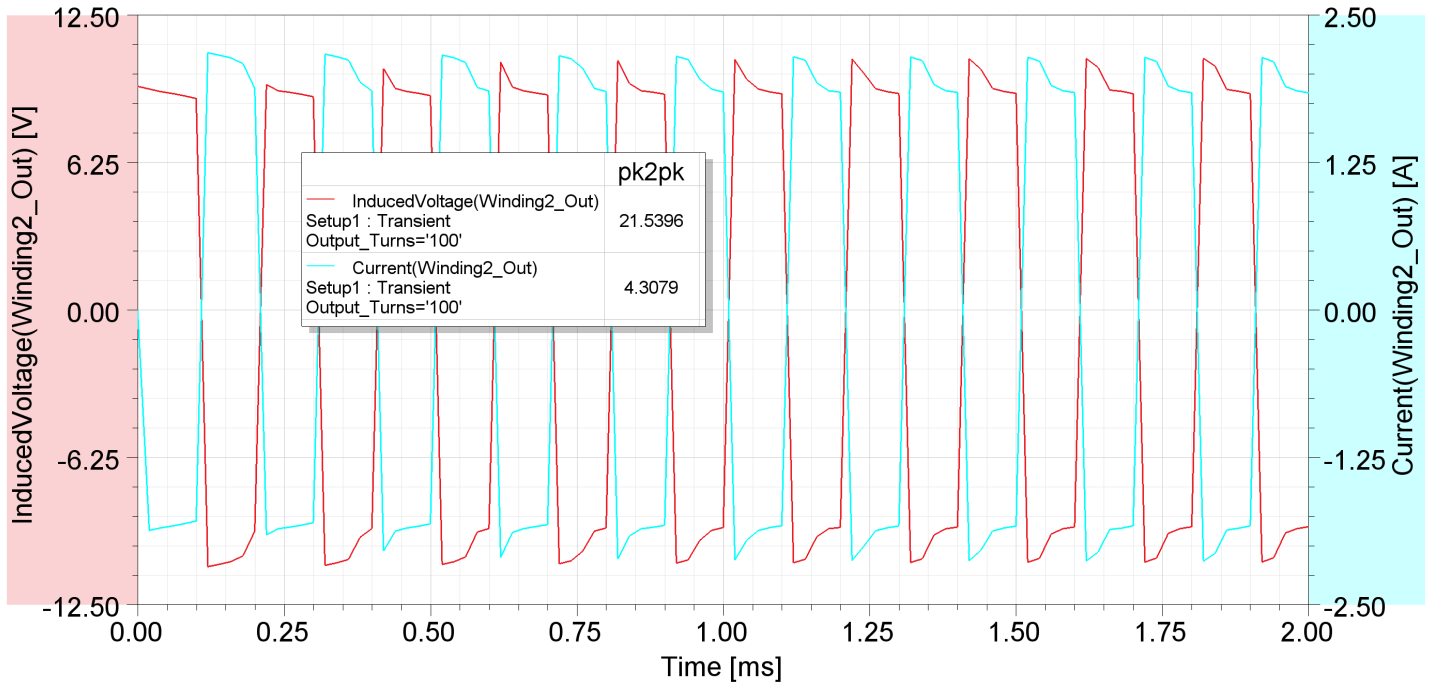


Coil turns set to 40, Loop at 100 turns: [appears the Vout nearly doubled, Iout increased quite a bit also (~ +2A)]

Winding Plot 1

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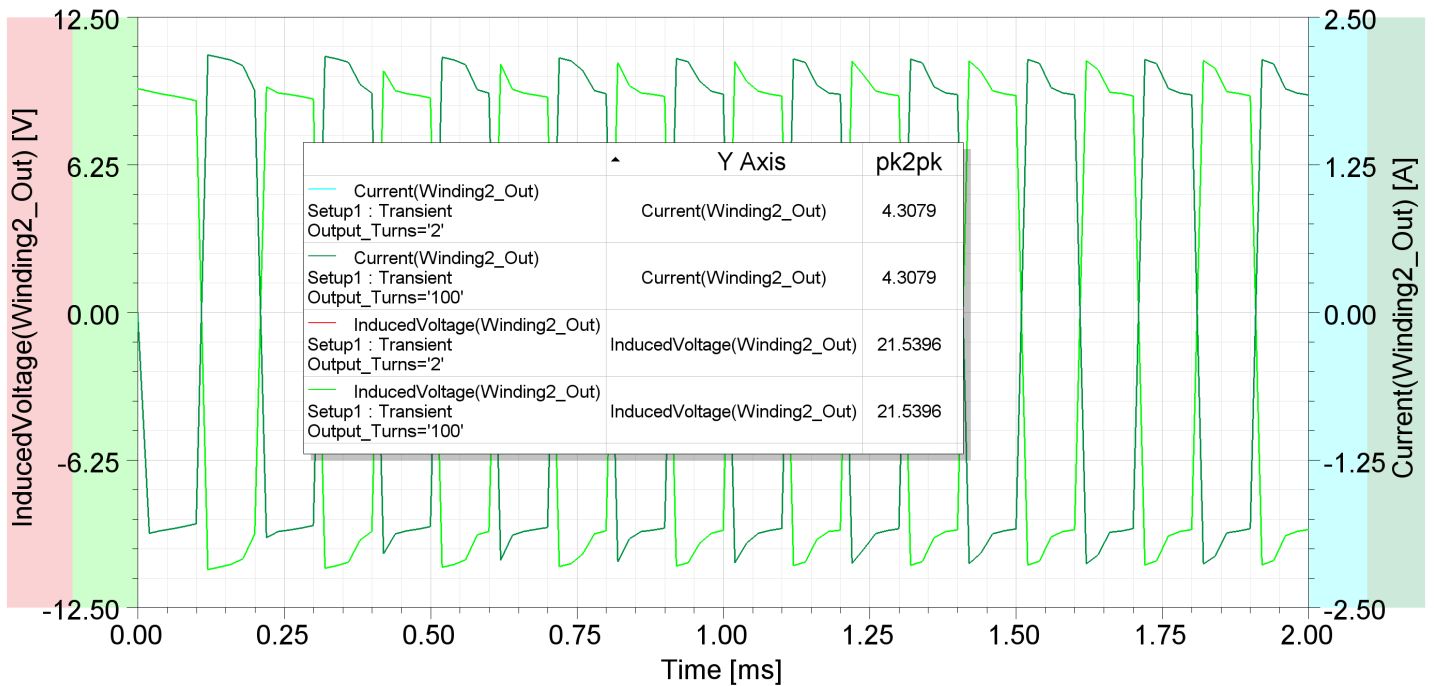


Coil turns set to 40, Loop turns at 2: [no real changes in Vout and Iout]

Winding Plot 1

Maxwell3DDesign2

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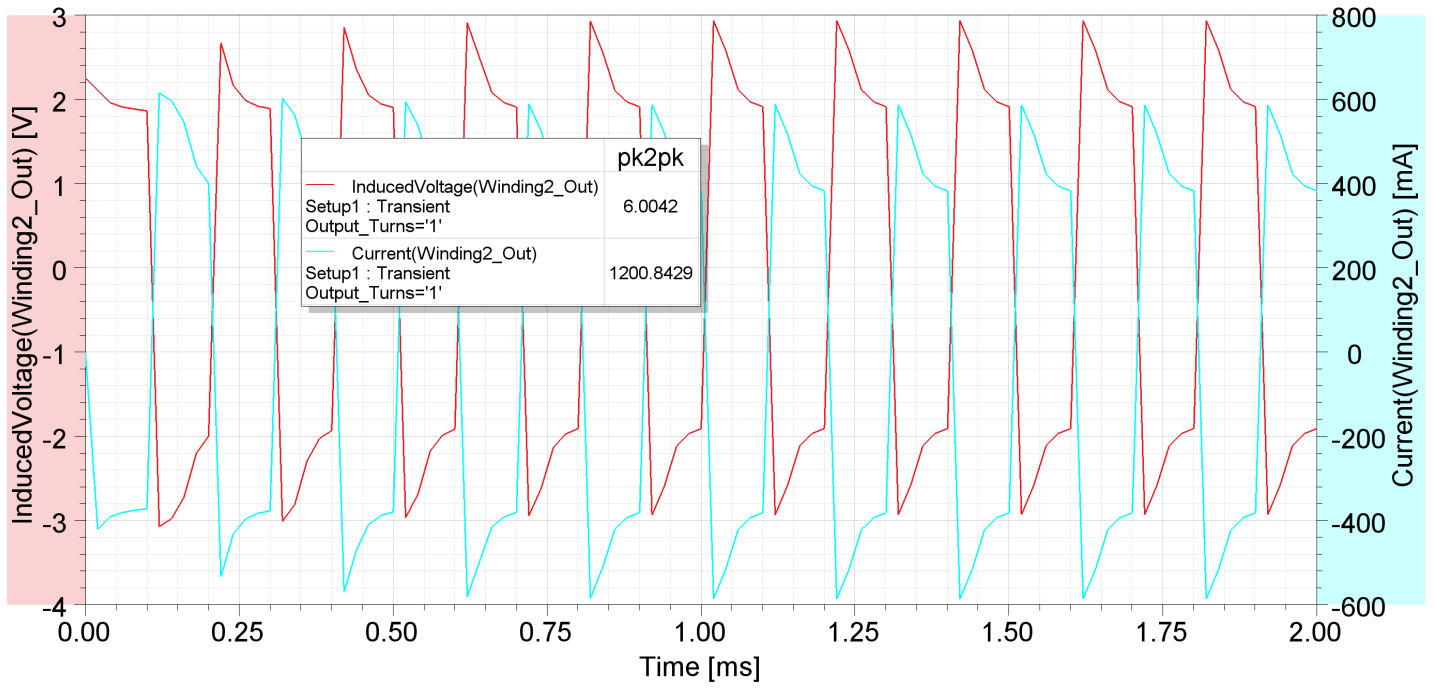


Coil turns set to 10, Loop set to 1 turn:

Winding Plot 1

Maxwell3DDesign2

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Some interesting data - appears so anyway! As the 'ole saying goes - further study required...

SL