LTspice Model
Current Transformer
SHT Corporation
CTS-EE0904MRG

Model Information

Model	A macro model
Call Name	MDC_CTS-EE0904MRG_LT
Pin Assign	1:1 2:2 3:3 4:4(NC) 5:5
File List	Model Library MDC_CTS-EE0904MRG_LT01.lib
	Model Report MDC_CTS-EE0904MRG_LT.pdf(this file)

Verified Simulator Version LTspice version XVII

Note

References

The information which was used for modeling is as follow:

[Data Sheet]

- ●Date/Version Unknown
- ●Product name CTS-EE0904MRG
- ●Company name SHT

[Characteristics listed]

- ●Characteristics Vout-Iin, Zout, Zin

Simulation Condition

This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

Item	Condition			Unit
	Min	Typ	Max	
Input current range	0		20.0	A
Temperature		25		deg C

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Model Functions Table

Functions	Implemented
Current to voltage conversion	○

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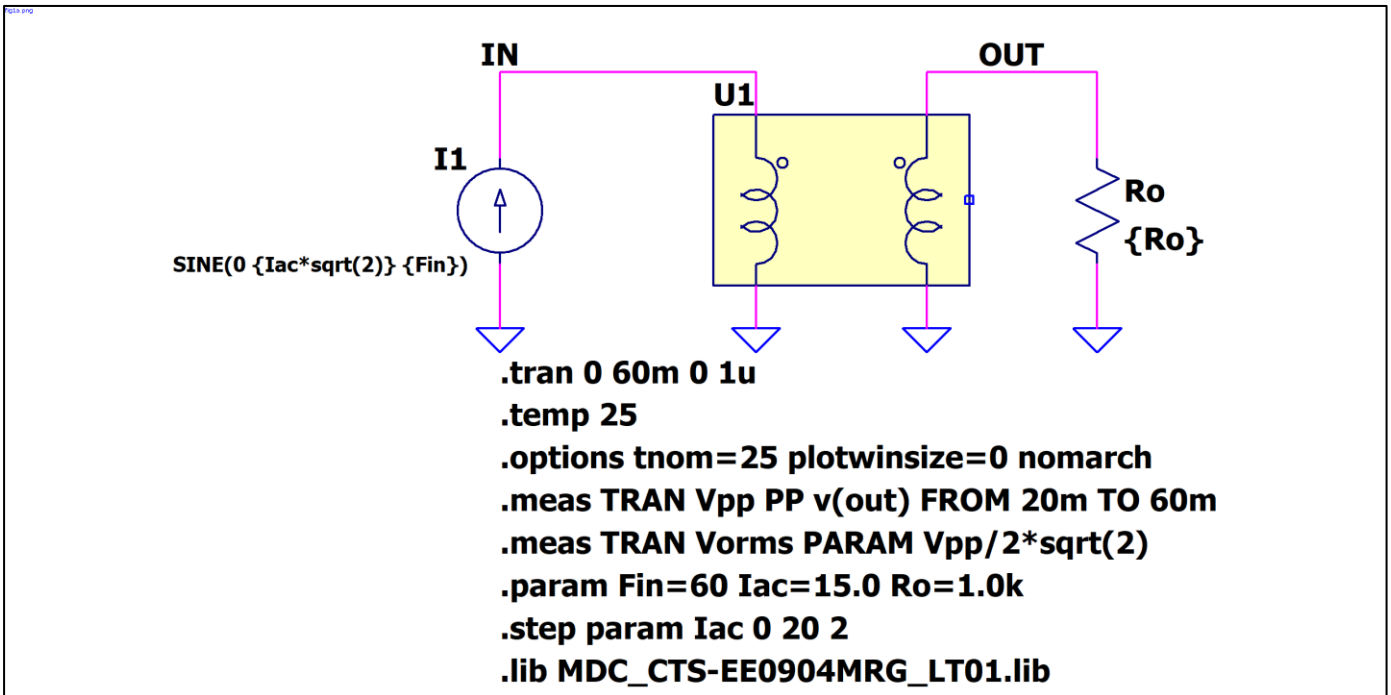
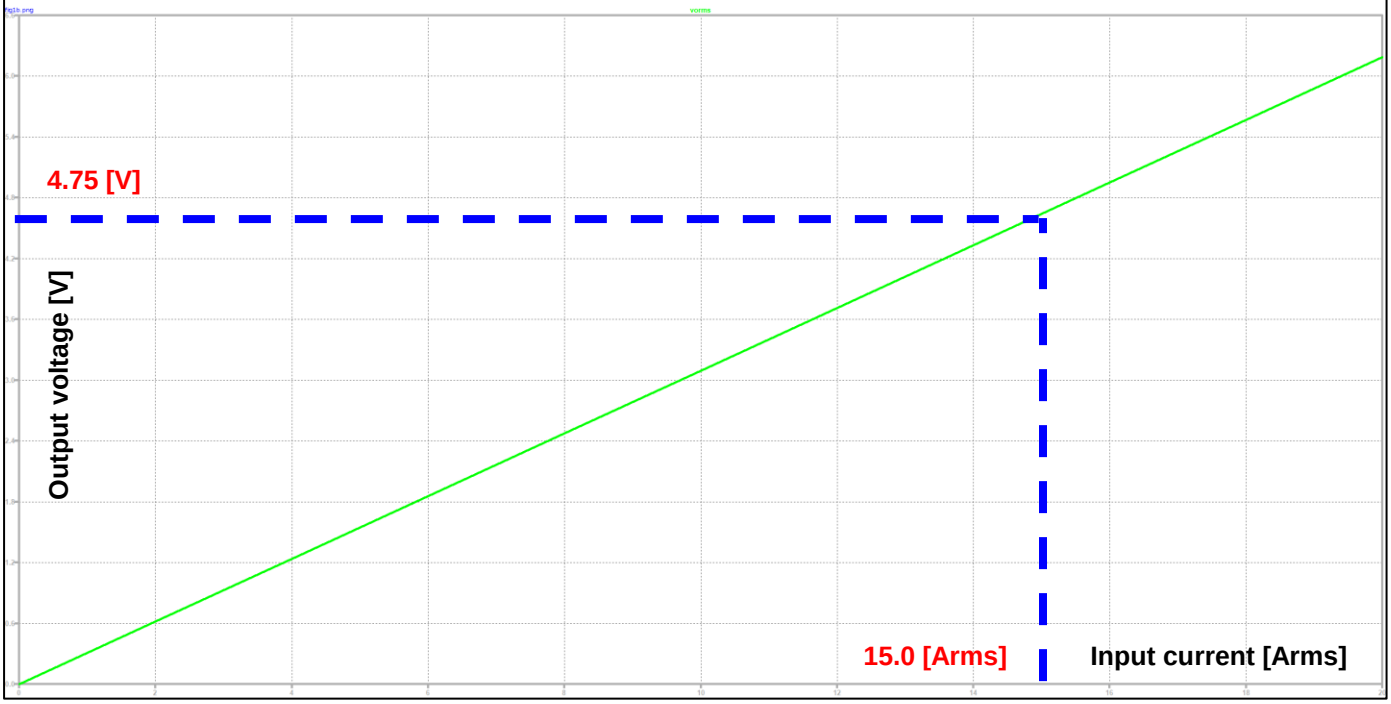
Current to voltage conversion (Current freq.=60[Hz], Rout=1.0[kohm], Ta=25[degC]) **Testbench**

Referred to Data Sheet





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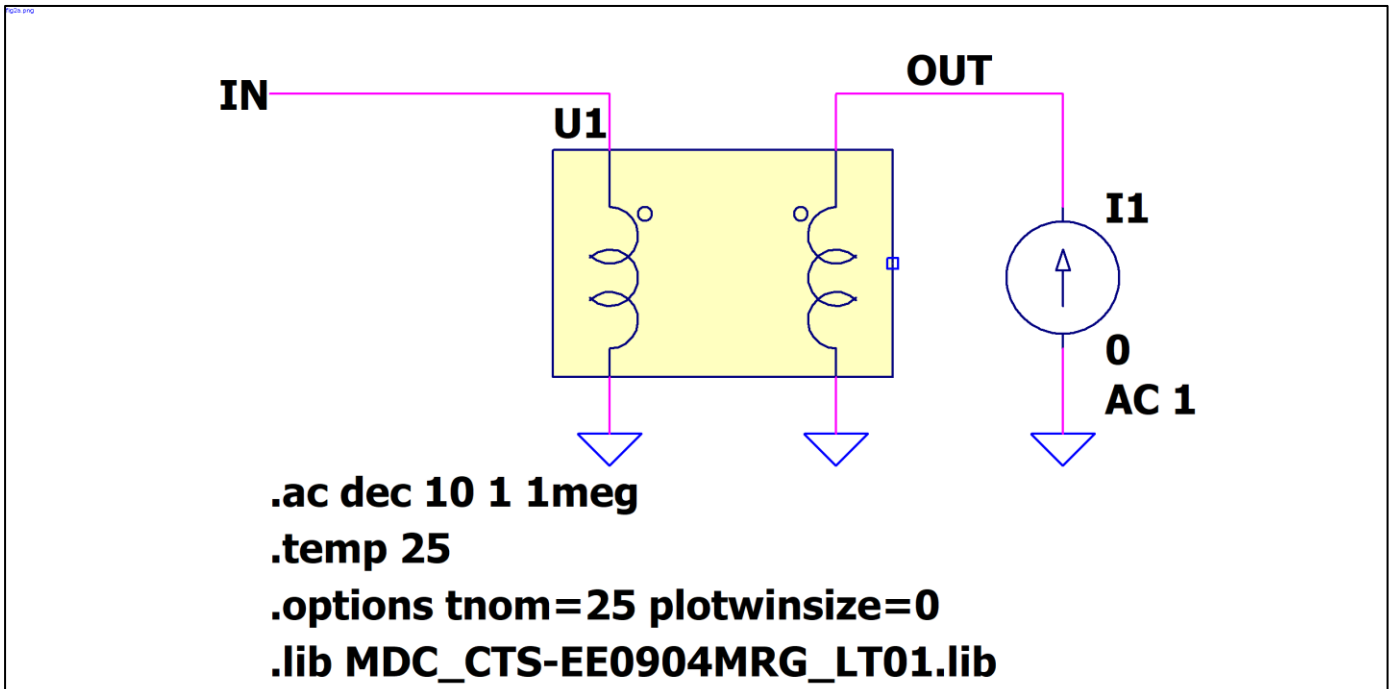
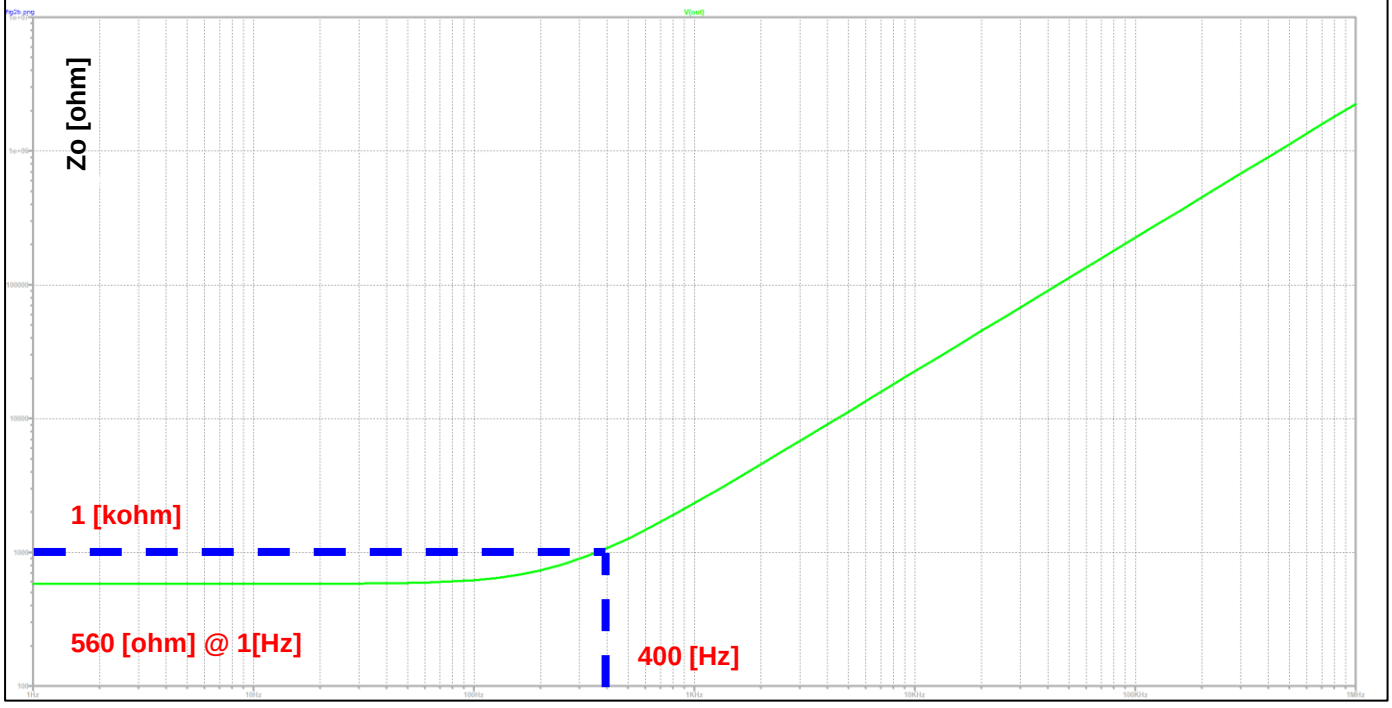
Output impedance (Ta=25[degC]) **Testbench**

Referred to Data Sheet





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