

Device Modeling Report

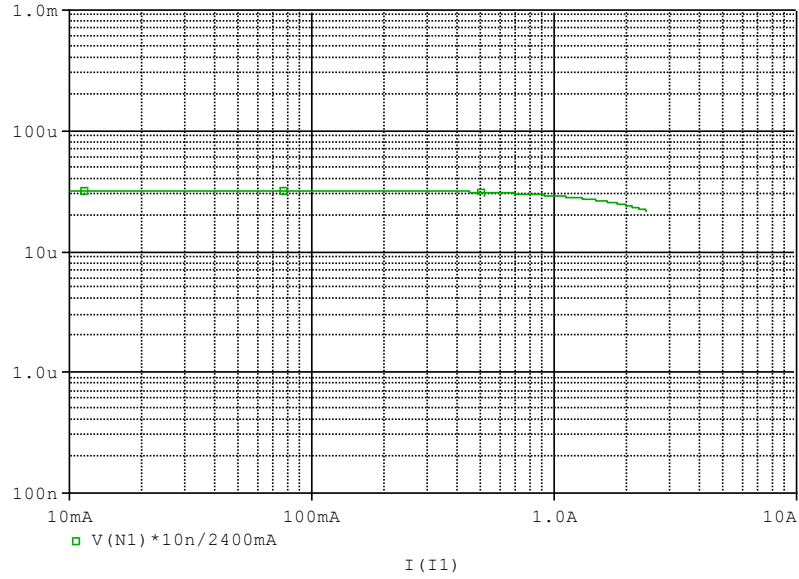
COMPONENTS: Inductor DC Model
PART NUMBER: LQH6PPN330M43
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



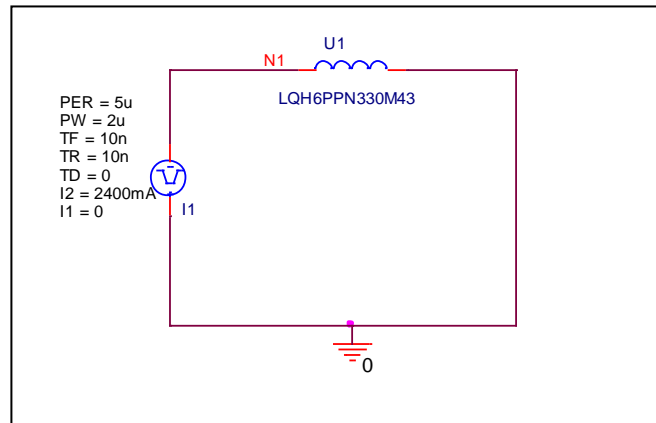
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

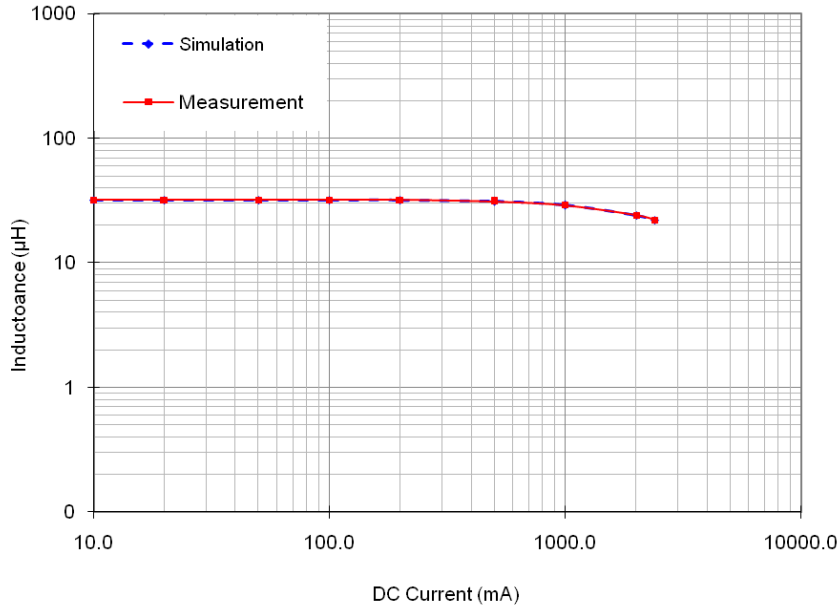


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	32.000	32.000	0.00
20	32.000	32.000	0.00
50	32.000	32.000	0.00
100	32.000	32.000	0.00
200	32.000	32.000	0.00
500	31.000	31.040	0.13
1000	29.000	28.920	-0.28
2000	24.000	24.096	0.40
2400	22.000	21.948	-0.24