

Device Modeling Report

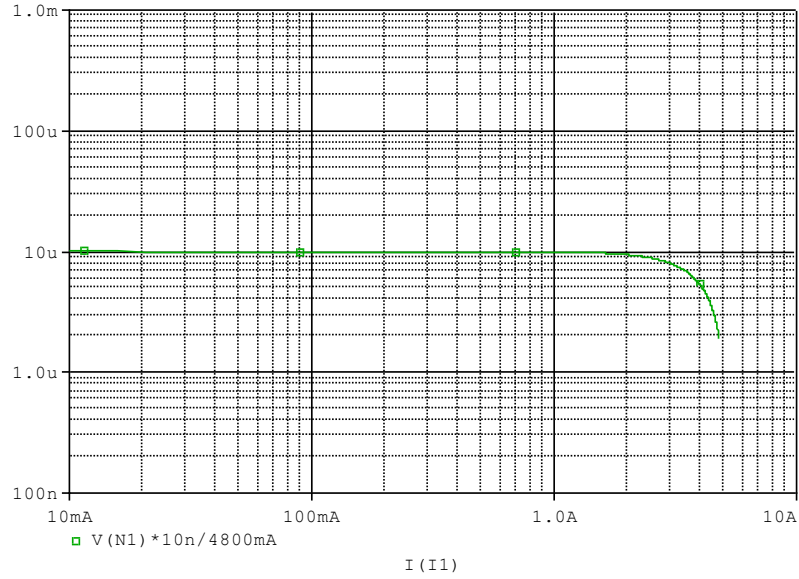
COMPONENTS: Inductor DC Model
PART NUMBER: LQH6PPN100M43
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



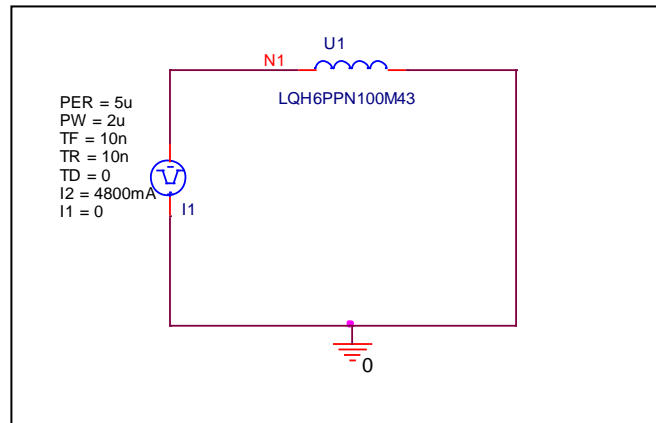
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

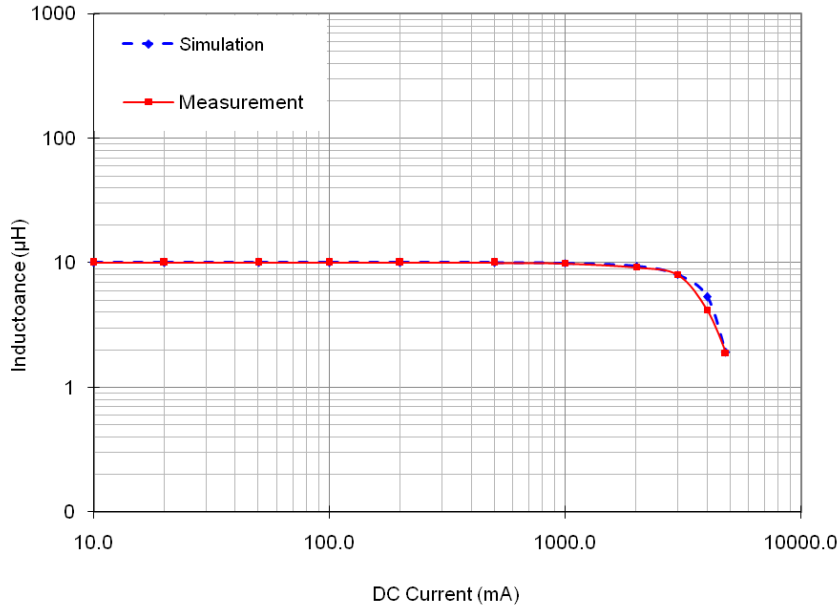


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	10.000	10.000	0.00
20	10.000	10.000	0.00
50	10.000	10.000	0.00
100	10.000	10.000	0.00
200	10.000	9.999	-0.01
500	10.000	9.991	-0.09
1000	9.900	9.927	0.27
2000	9.200	9.414	2.33
3000	8.000	8.024	0.30
4800	1.900	1.905	0.25