

Device Modeling Report

COMPONENTS: Inductance

PART NUMBER: LQH44PN1R0NP0

MANUFACTURER: Murata Manufacturing Co., Ltd.

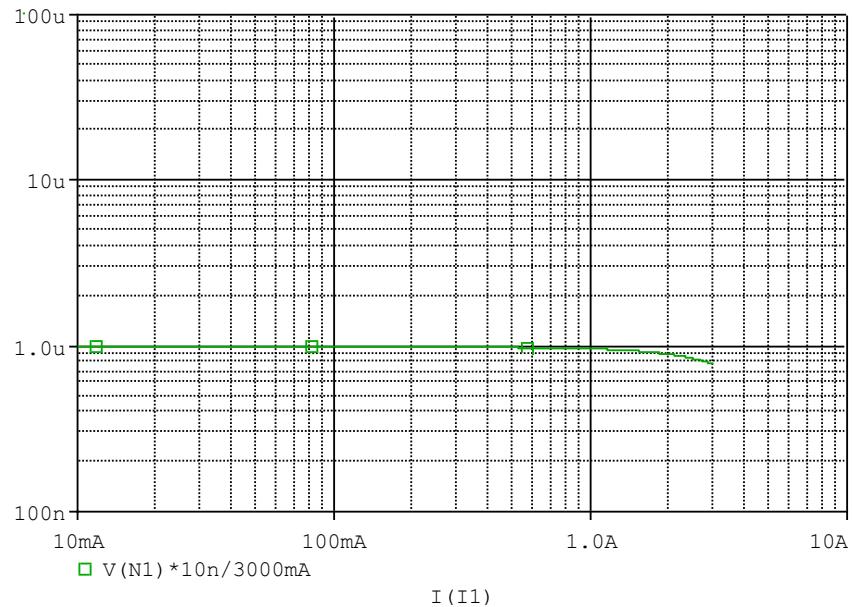
Remark: DC Model



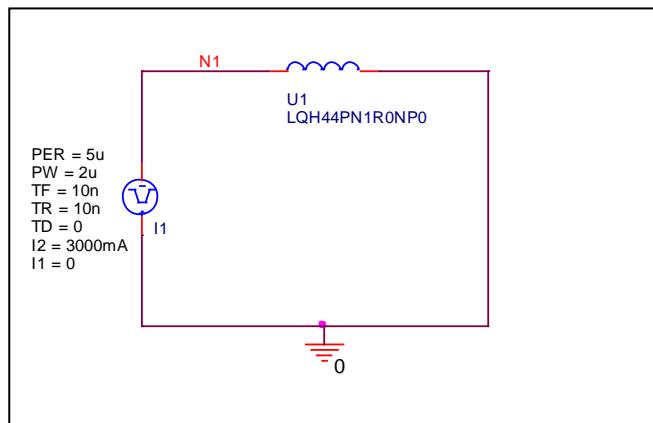
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

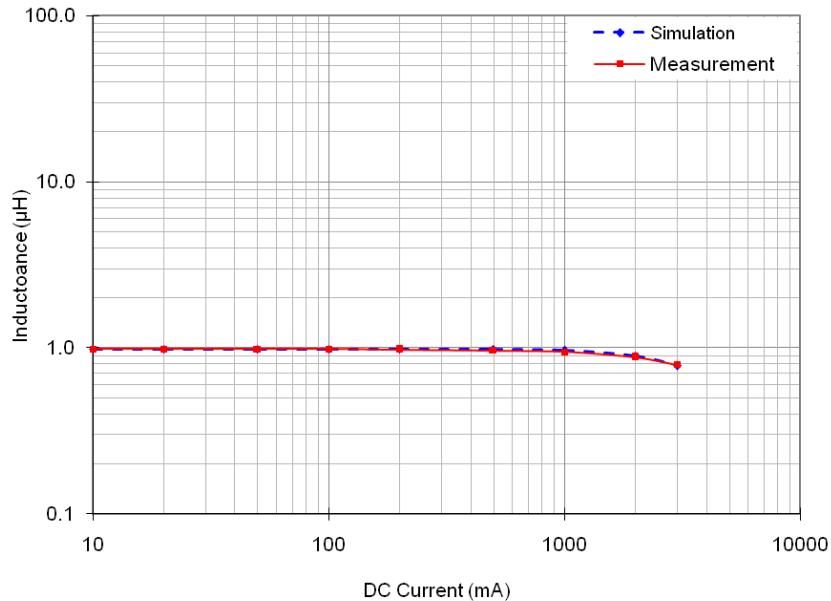


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (μH)		%Error
	Measurement	Simulation	
10	0.985	0.984	-0.10
20	0.980	0.984	0.41
50	0.985	0.984	-0.10
100	0.985	0.984	-0.10
200	0.975	0.984	0.92
500	0.965	0.979	1.45
1000	0.945	0.961	1.69
2000	0.875	0.892	1.94
3000	0.790	0.777	-1.65