

Device Modeling Report

COMPONENTS: Inductance

PART NUMBER: LQH44PN4R7MP0

MANUFACTURER: Murata Manufacturing Co., Ltd.

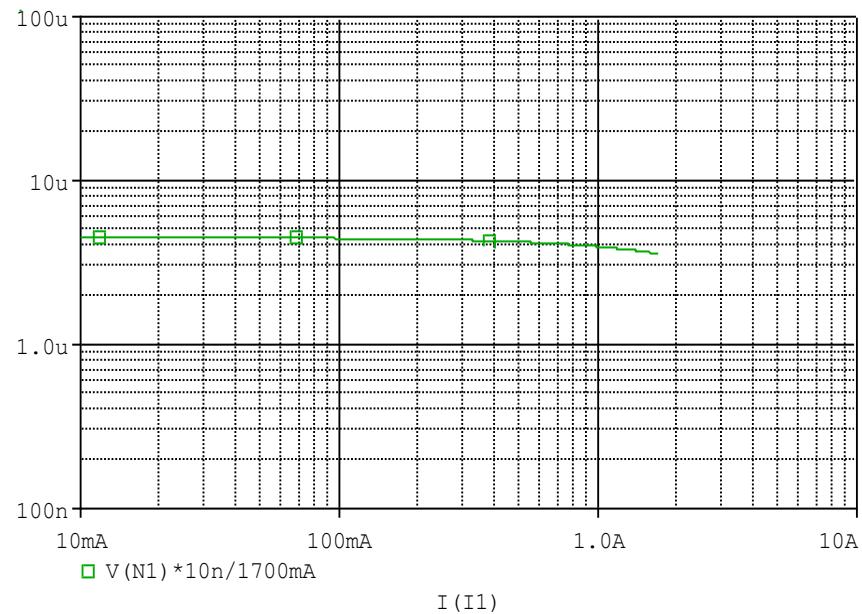
Remark: DC Model



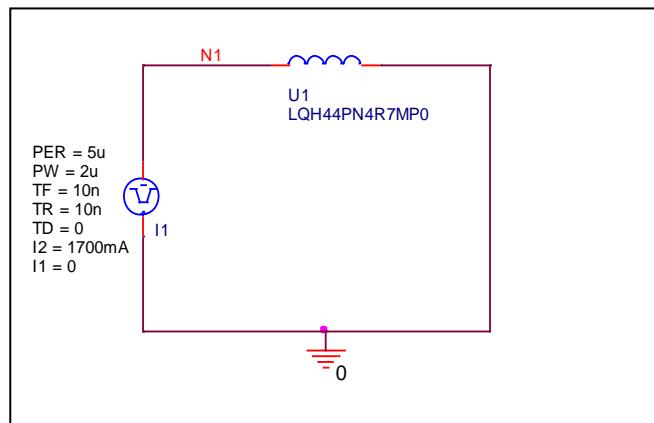
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

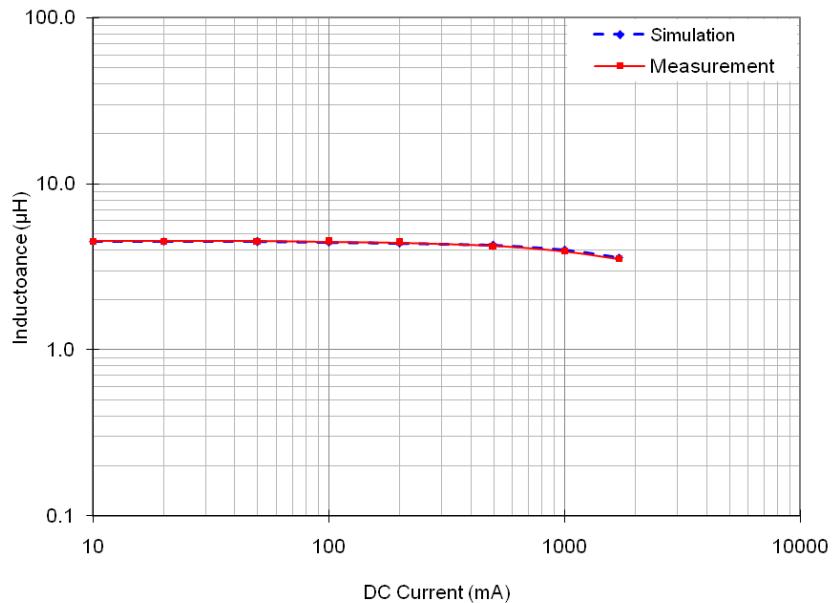


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (μH)		%Error
	Measurement	Simulation	
10	4.500	4.494	-0.13
20	4.500	4.489	-0.24
50	4.500	4.473	-0.60
100	4.460	4.446	-0.31
200	4.400	4.392	-0.18
500	4.200	4.230	0.71
1000	3.920	3.960	1.02
1700	3.525	3.582	1.62