

# Device Modeling Report

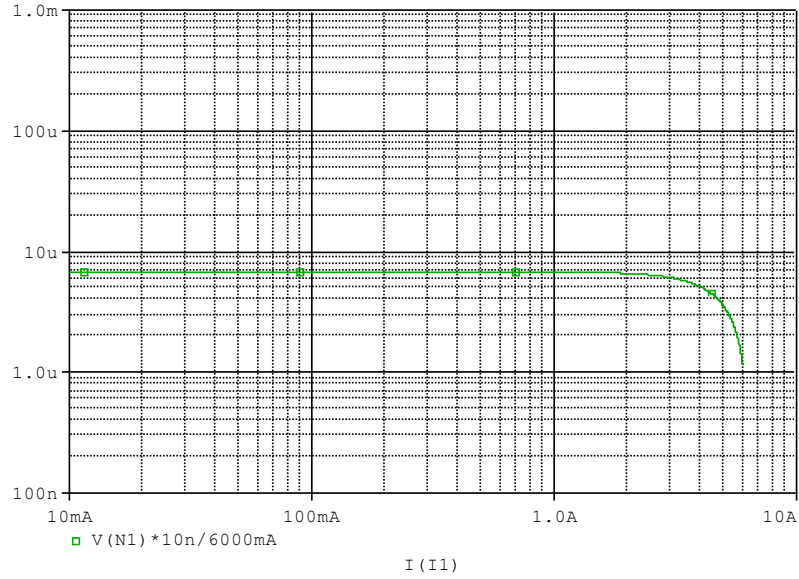
COMPONENTS: Inductor DC Model  
PART NUMBER: LQH6PPN6R8M43  
MANUFACTURER: Murata Manufacturing Co, Ltd.  
Remark: DC Model



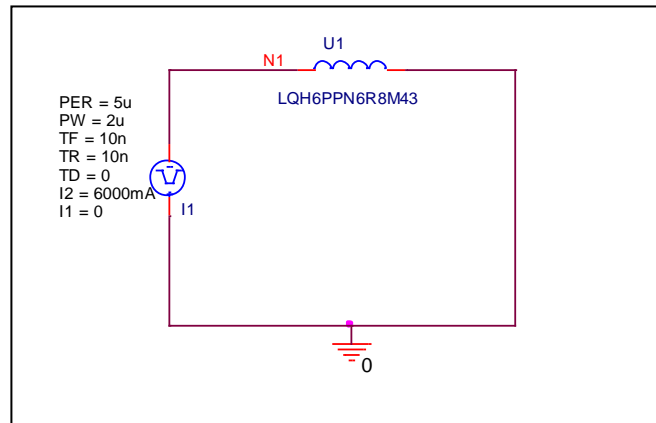
**Bee Technologies Inc.**

# Inductance-Current Characteristics

## Circuit Simulation result

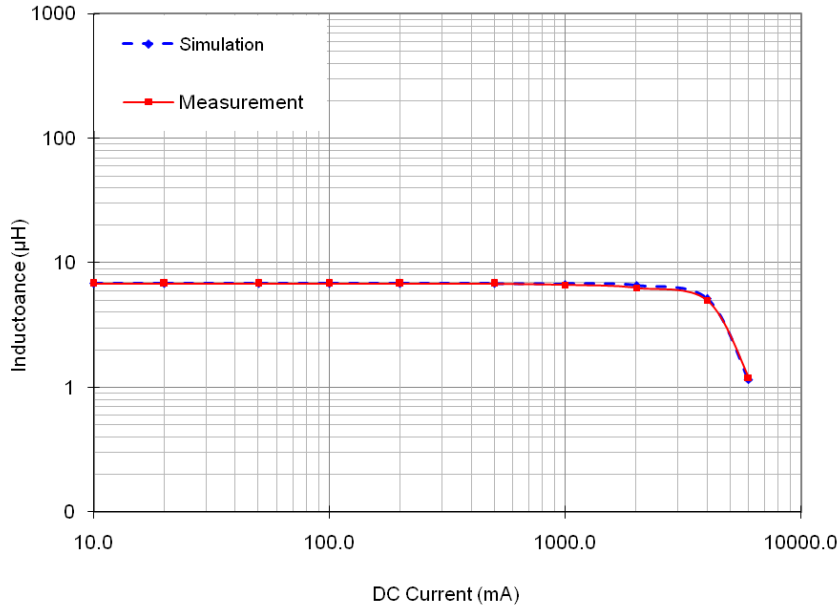


## Evaluation circuit



# Comparison Graph

## Simulation result



## Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	6.800	6.800	0.00
20	6.800	6.800	0.00
50	6.800	6.800	0.00
100	6.800	6.800	0.00
200	6.800	6.800	0.00
500	6.800	6.797	-0.05
1000	6.600	6.774	2.63
2000	6.300	6.591	4.61
4000	5.000	5.125	2.51
6000	1.200	1.148	-4.33