

Device Modeling Report

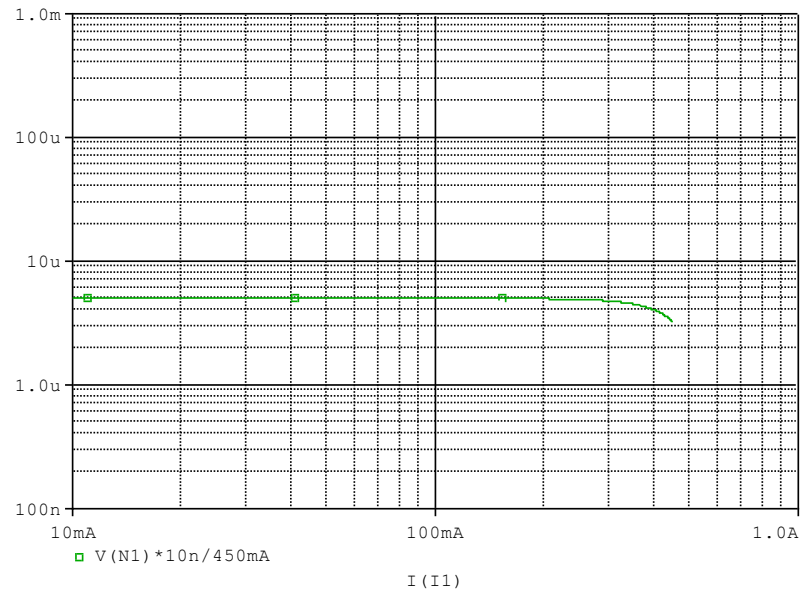
COMPONENTS: Inductor DC Model
PART NUMBER: LQH2MCN4R7M02
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



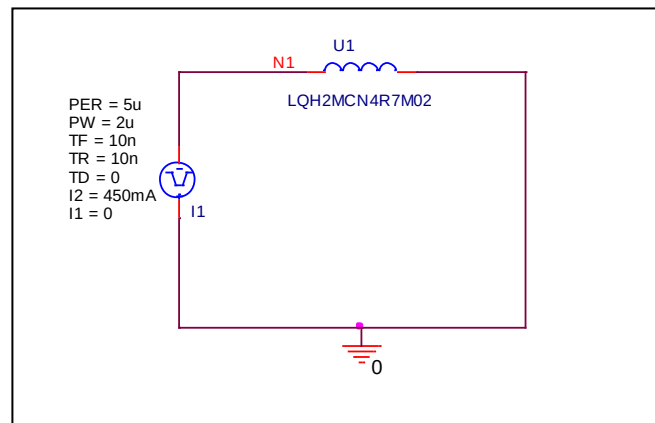
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

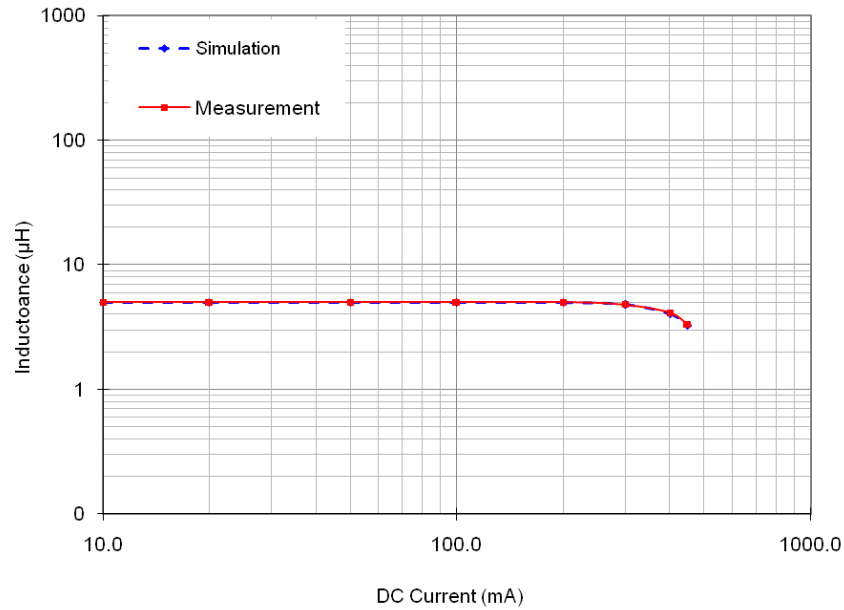


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (μH)		%Error
	Measurement	Simulation	
10	5.000	5.000	0.00
20	5.000	5.000	0.00
50	5.000	5.000	0.00
100	5.000	4.999	-0.02
200	5.000	4.974	-0.52
300	4.800	4.779	-0.44
400	4.100	4.055	-1.10
450	3.300	3.292	-0.25