

Device Modeling Report

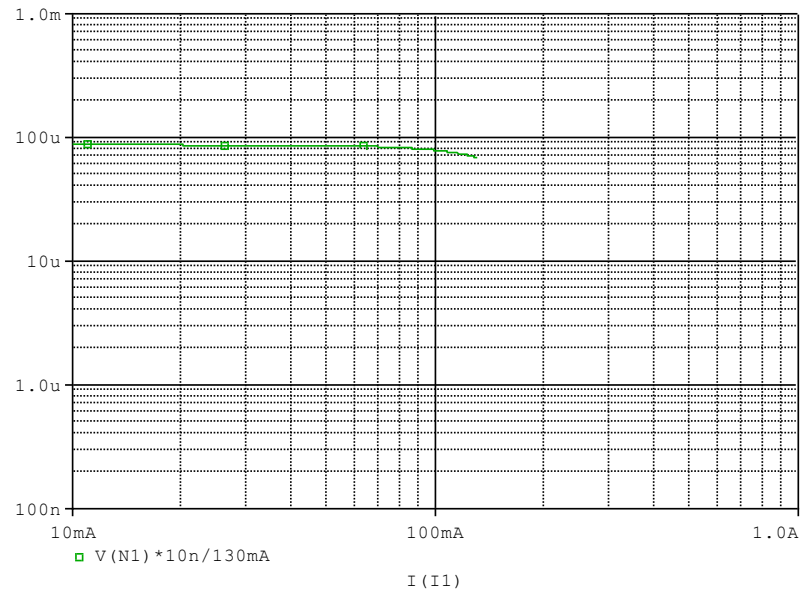
COMPONENTS: Inductor DC Model
PART NUMBER: LQH2MCN820K02
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



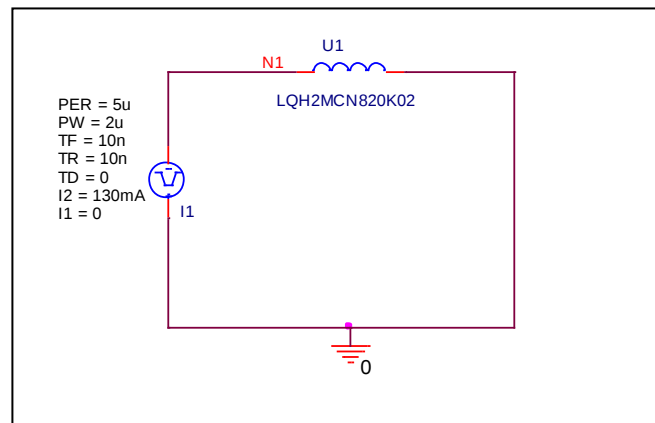
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

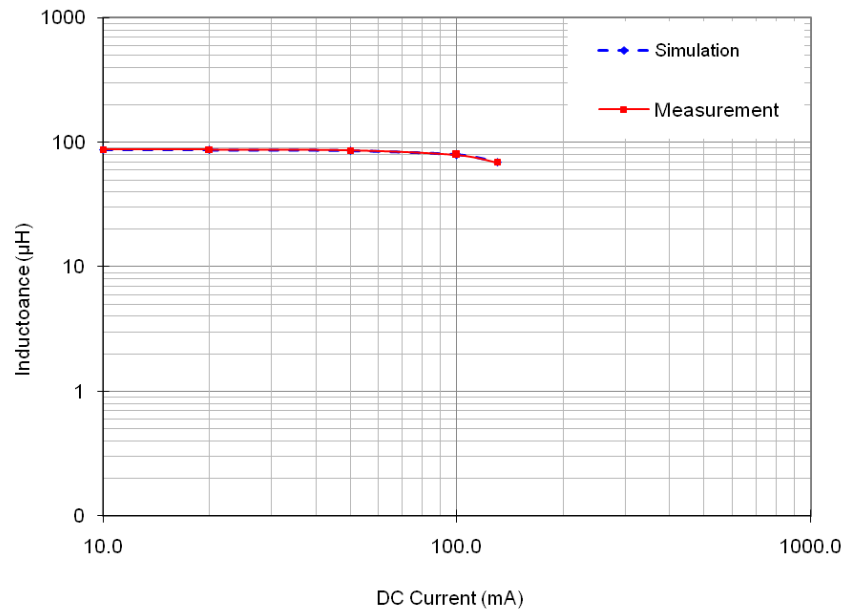


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (μH)		%Error
	Measurement	Simulation	
10	87.000	86.992	-0.01
20	87.000	86.946	-0.06
50	86.000	86.007	0.01
100	79.000	78.880	-0.15
130	69.000	69.108	0.16