

Device Modeling Report

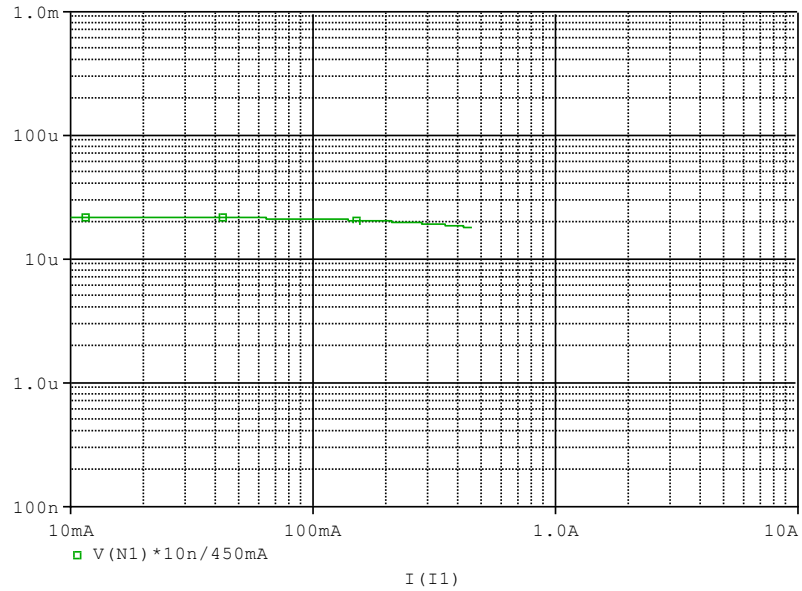
COMPONENTS: Inductor DC Model
PART NUMBER: LQH32PN220MN0
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



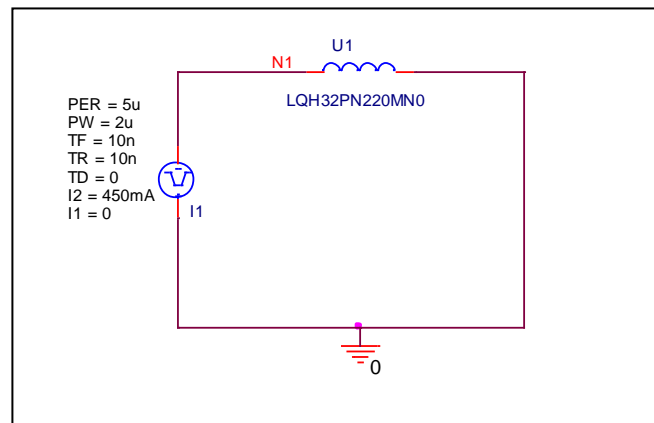
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

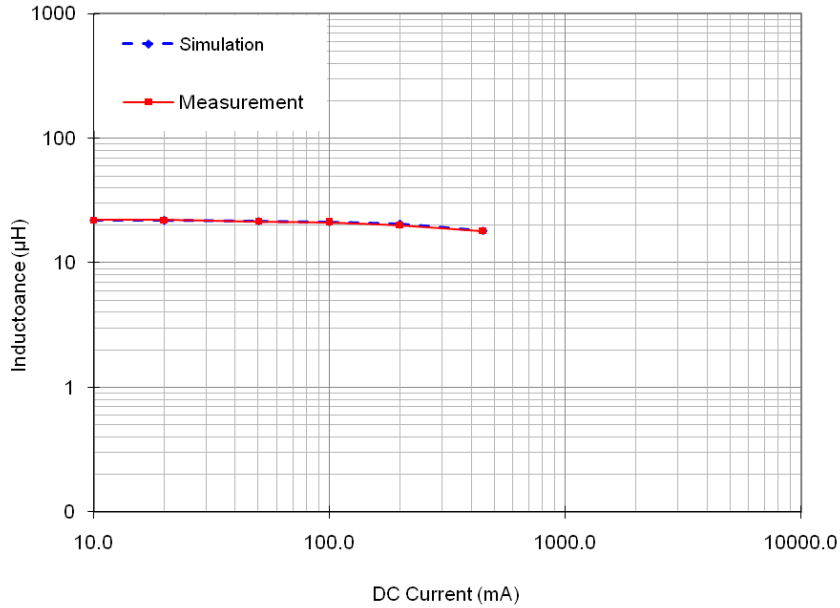


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	22.000	21.912	-0.40
20	22.000	21.824	-0.80
50	21.500	21.560	0.28
100	21.000	21.120	0.57
200	20.000	20.240	1.20
450	18.000	18.040	0.22