

Device Modeling Report

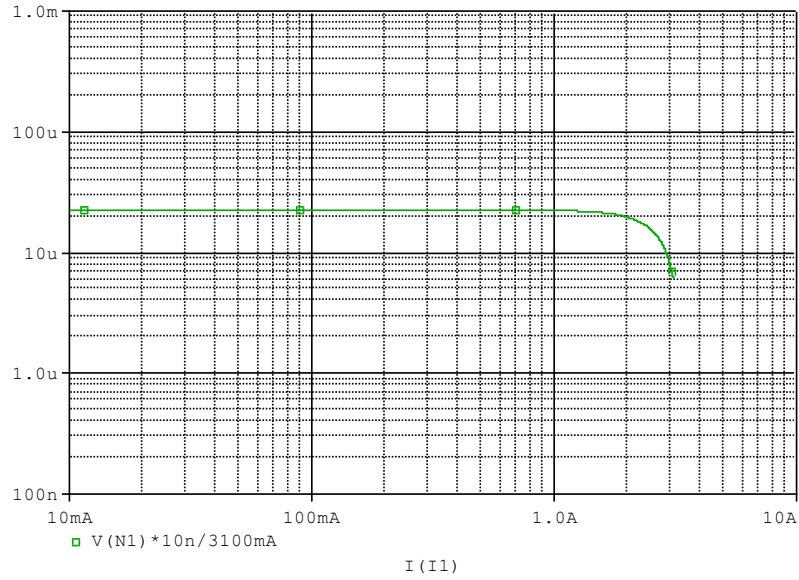
COMPONENTS: Inductor DC Model
PART NUMBER: LQH6PPN220M43
MANUFACTURER: Murata Manufacturing Co, Ltd.
Remark: DC Model



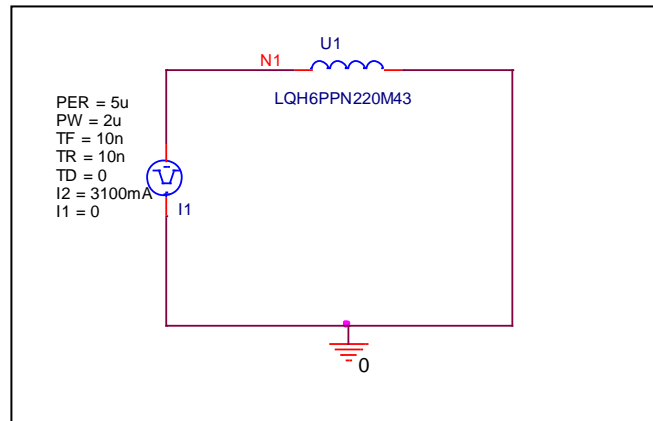
Bee Technologies Inc.

Inductance-Current Characteristics

Circuit Simulation result

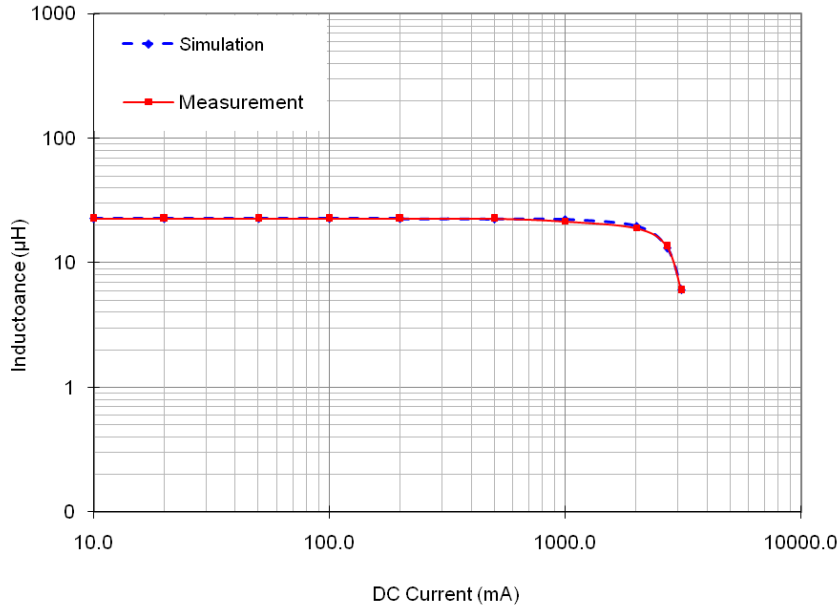


Evaluation circuit



Comparison Graph

Simulation result



Comparison table

I (mA)	L (µH)		%Error
	Measurement	Simulation	
10	22.500	22.500	0.00
20	22.500	22.500	0.00
50	22.500	22.500	0.00
100	22.500	22.500	0.00
200	22.500	22.500	0.00
500	22.500	22.489	-0.05
1000	21.500	22.322	3.82
2000	19.000	19.656	3.45
2700	13.500	13.055	-3.30
3100	6.000	6.086	1.42