Device Modeling Report

COMPONENTS: TRANSFORMER
PART NUMBER: T1
MANUFACTURER: CHATCHAWAN ELECTRONIC

Bee Technologies Inc.
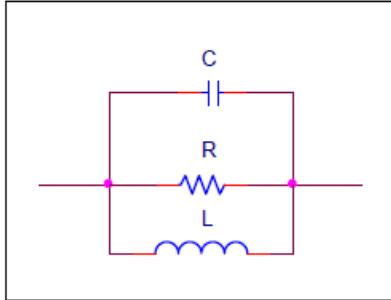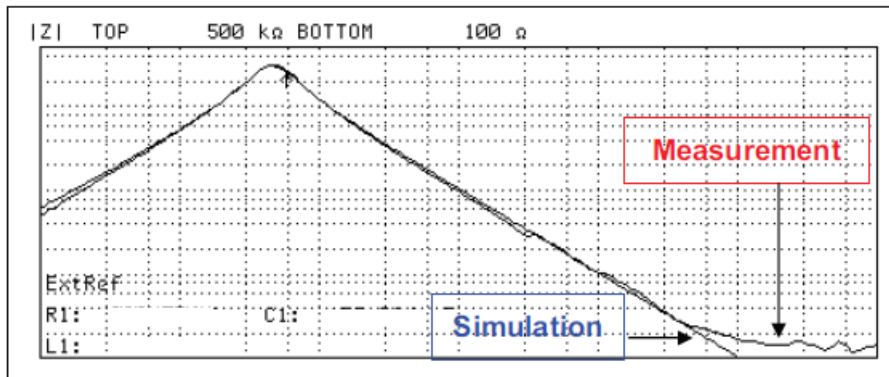
SPICE MODEL
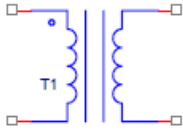

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*$
*COMPONENTS: TRANSFORMER
*PART NUMBER=T1
*MANUFACTURER=CHATCHAWAN ELECTRONIC CO.,LTD
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.SUBCKT T1 1 2 3 4
R_RP        1 9 0.4K
R_RL        9 N00034  95.4133K
R_R12       2 N00034  296.754K
R_RS        N00090 3  1.6081
R_R34       4 N00090  914.038
C_CL        9 N00034  168.964p
C_C12       2 N00034  152.024p
C_C34       4 N00090  41n
Kn_K1       L_L12 L_L34    0.9999
L_LL        9 N00034  53.8084m
L_L12       N00034 2  7.70039
L_L34       4 N00090  29.738m
.ENDS
*$
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Measurement Pin1 to Pin2

Range of adjustment Frequency:100 to 100M(Hz)
Frequency vs.|Z| and Frequency vs.θz Characteristic
Attention)

Please use SPICE MODEL within the range from 100 to 100M(Hz)
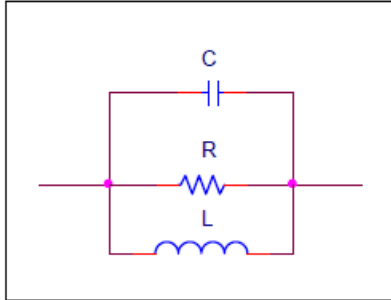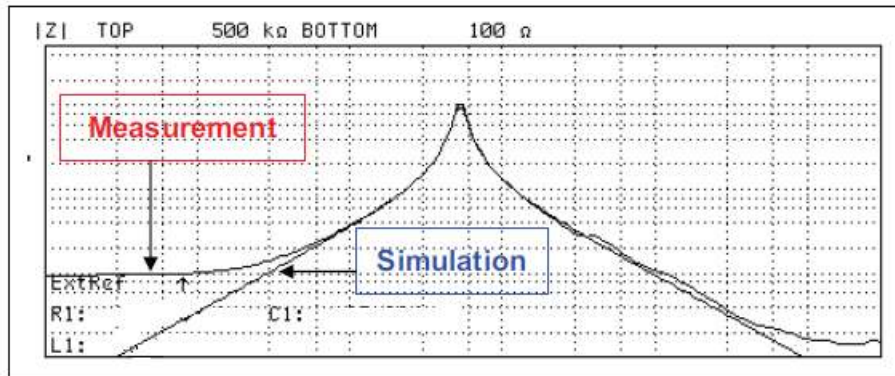

L1=
R1=
C1=

Measurement Pin1 to Pin2 Lekage Inductance

Optimization of Simulation
Range of adjustment Frequency:100 to 100M(Hz)
Frequency vs.|Z| and Frequency vs.θz Characteristic
Attention)

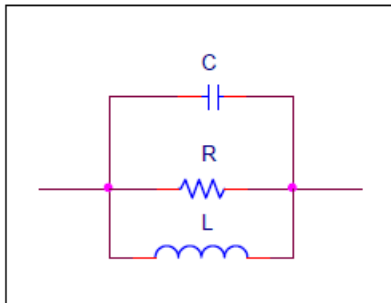*Please use SPICE MODEL within the range from 100 to 100M(Hz)*
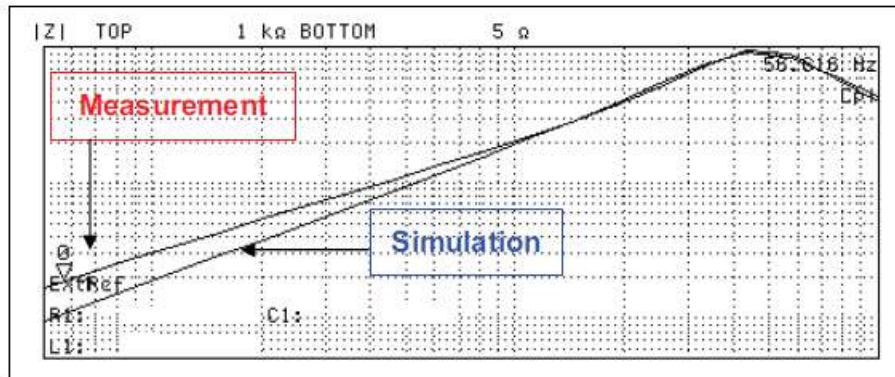

L1=
R1=
C1=

Measurement Pin3 to Pin4

Optimization of Simulation
Range of adjustment Frequency:100 to 100M(Hz)
Frequency vs.|Z| and Frequency vs.θz Characteristic
Attention)

Please use SPICE MODEL within the range from 100 to 100M(Hz)

L1=
R1=
C1=