

Device Modeling Report

COMPONENTS: Cement Resistor
PART NUMBER: R50
MANUFACTURER: Unknown



Bee Technologies Inc.

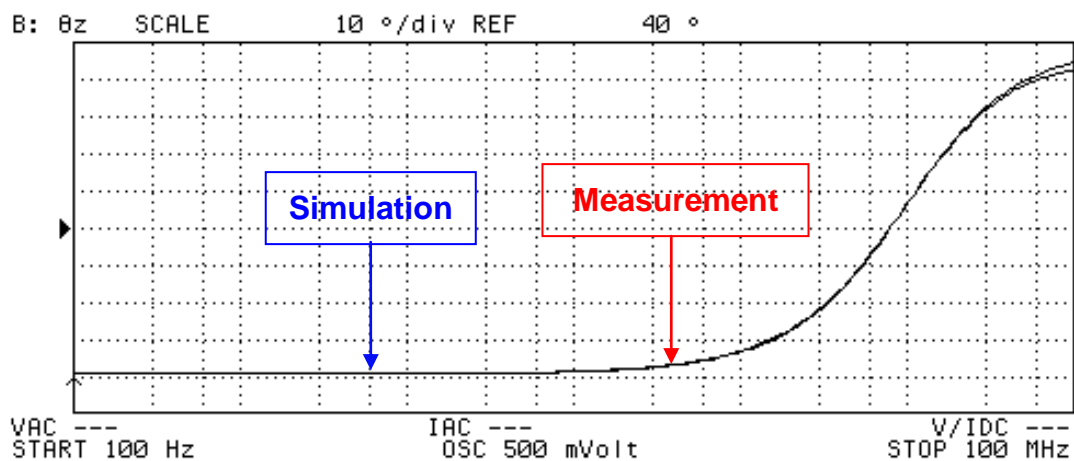
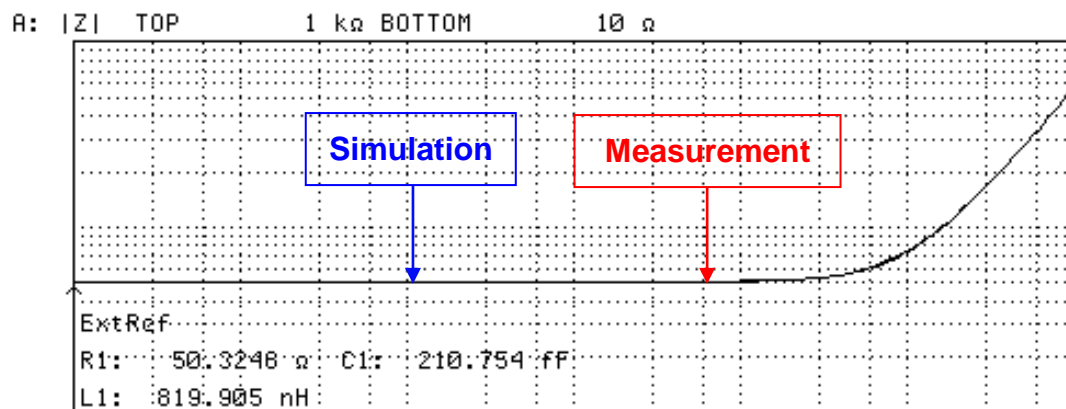
Measurement

Optimization of Simulation

Range of adjustment Frequency: 100 to 100M (Hz)

Frequency vs. $|Z|$

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



L1= 819.905nH

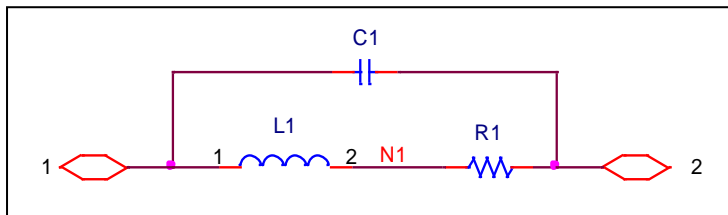
C1= 210.754fF

R1= 50.3248 Ω

SPICE MODEL

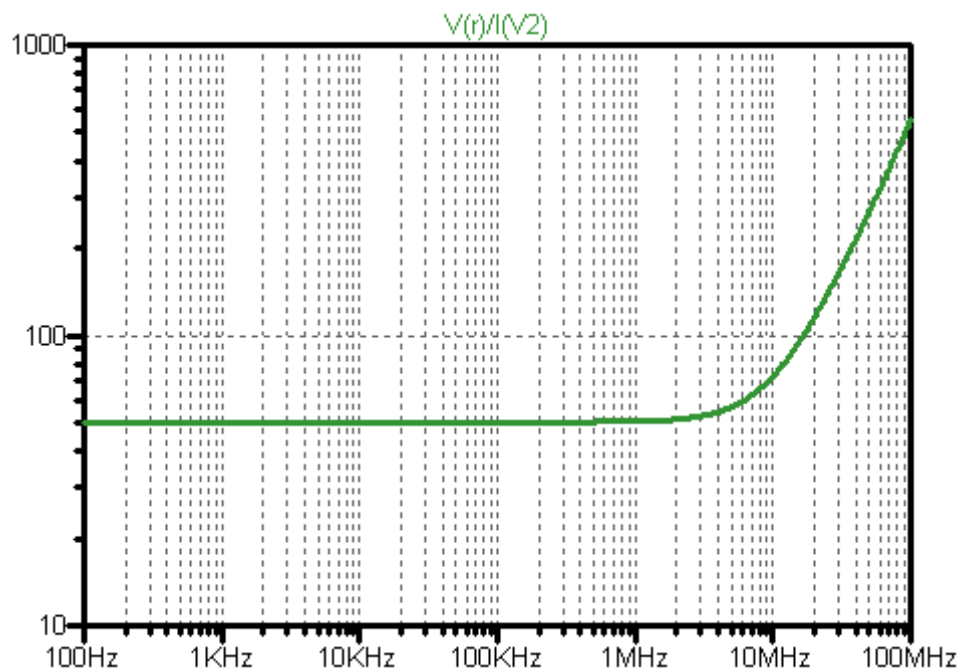
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*$  
* PART NUMBER: R50  
* COMPONENTS: Cement resistor  
* MANUFACTURER: Unknown  
* All Rights Reserved Copyright (C) Bee Technologies Inc. 2012  
.SUBCKT R50 1 2  
L_L1    1      N1      819.905n  
C_C1    1      2       210.754f  
R_R1    N1     2       50.3248  
.ENDS  
*$
```

Equivalent Circuit

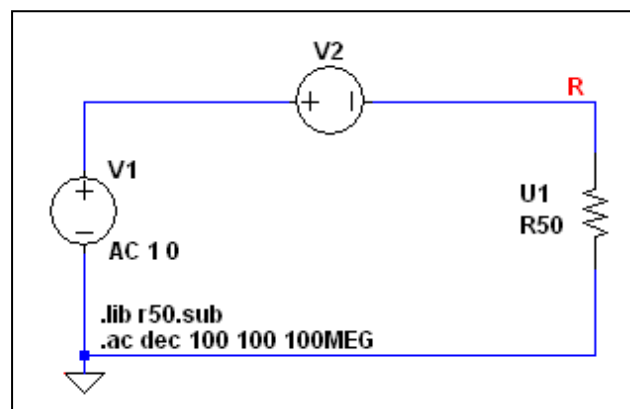


Frequency vs. $|Z|$ Characteristic

Simulation Result



Evaluation circuit



Comparison Graph

