

Device Modeling Report

COMPONENTS: TRANSFORMER
PART NUMBER: SD-1603(100V)
MANUFACTURER: AIHARA ELECTRIC CO., LTD



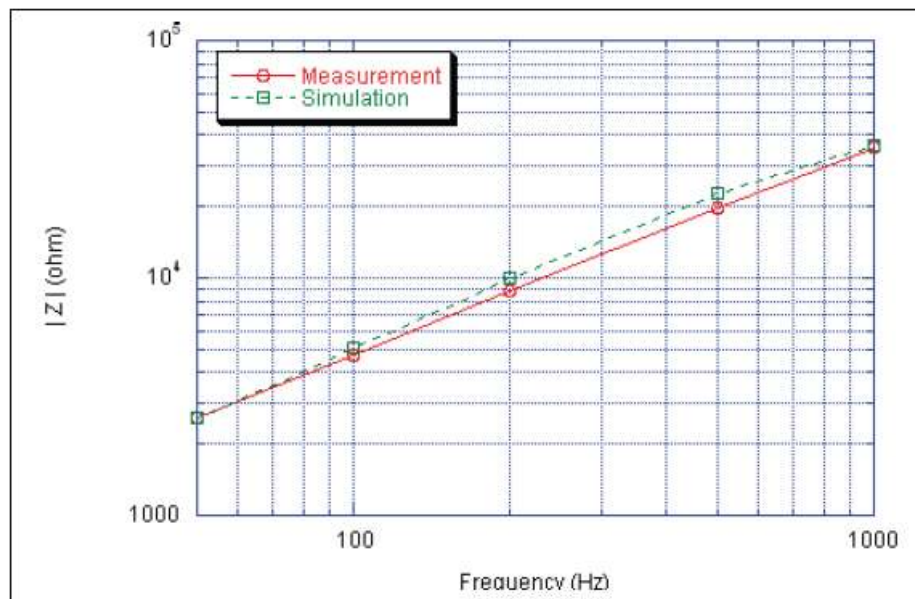
Measurement Pin1 to Pin2

Optimization of Simulation

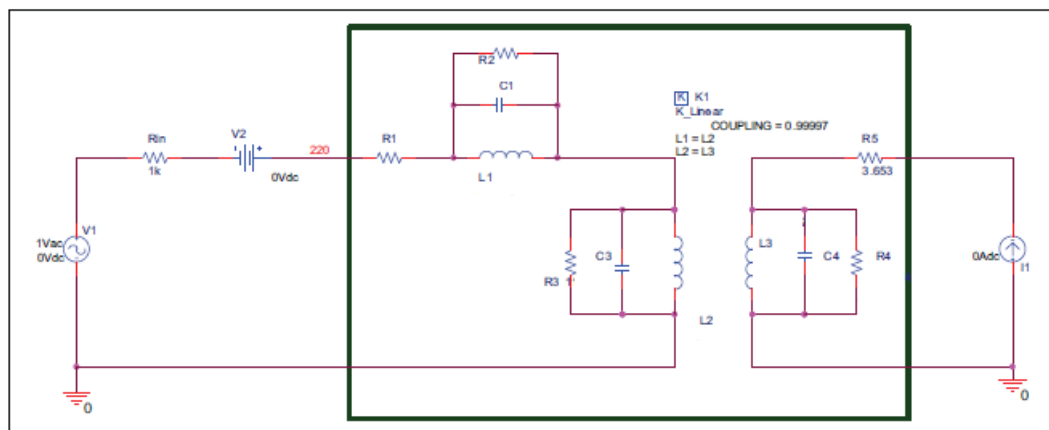
Range of adjustment Frequency: 40 to 1000(Hz)

Frequency vs. $|Z|$ and Frequency vs. θz Characteristic Attention)

Please use SPICE MODEL within the range from 40 to 1000(Hz)



Equivalent circuit



Measurement Pin1 to Pin2 Leakage Inductance

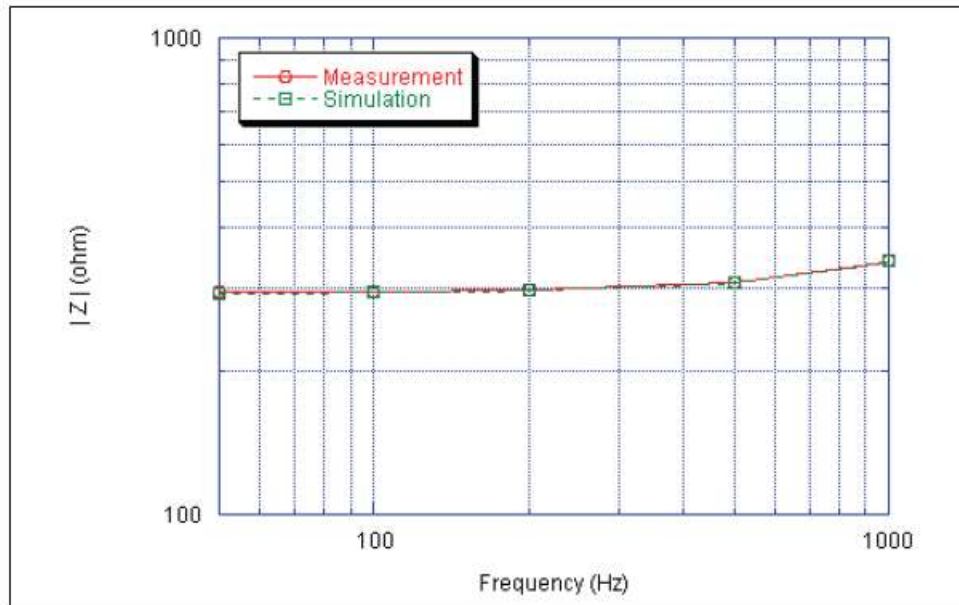
Optimization of Simulation

Range of adjustment Frequency: 40 to 1000(Hz)

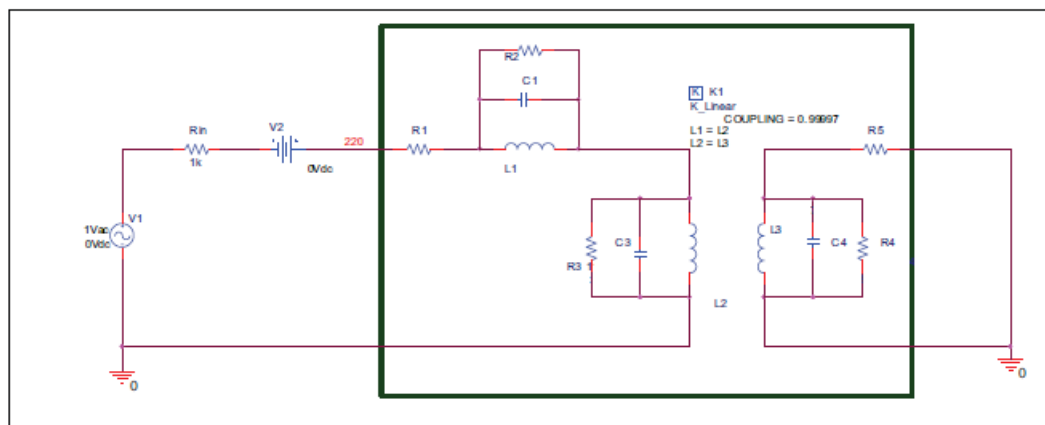
Frequency vs. $|Z|$ and Frequency vs. θz Characteristic

Attention)

Please use SPICE MODEL within the range from 40 to 1000(Hz)



Equivalent circuit



Measurement Pin3 to Pin4

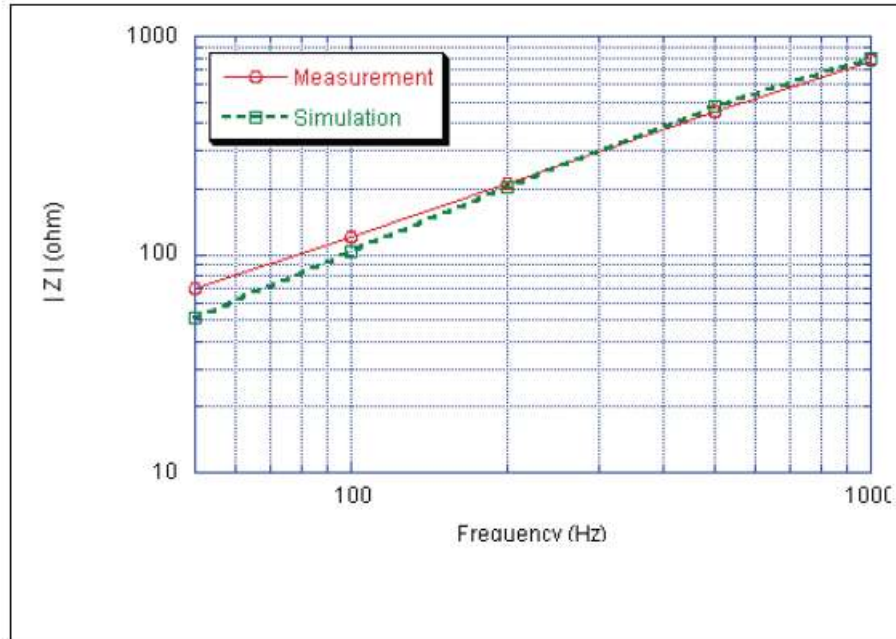
Optimization of Simulation

Range of adjustment Frequency: 40 to 1000(Hz)

Frequency vs. $|Z|$ and Frequency vs. θz Characteristic

Attention)

Please use SPICE MODEL within the range from 40 to 1000(Hz)



Equivalent circuit

