

Device Modeling Report

COMPONENTS: Crystal Unit
PART NUMBER: HC-49/U-S5.000MHz
MANUFACTURER: KYOCERA KINSEKI Corporation

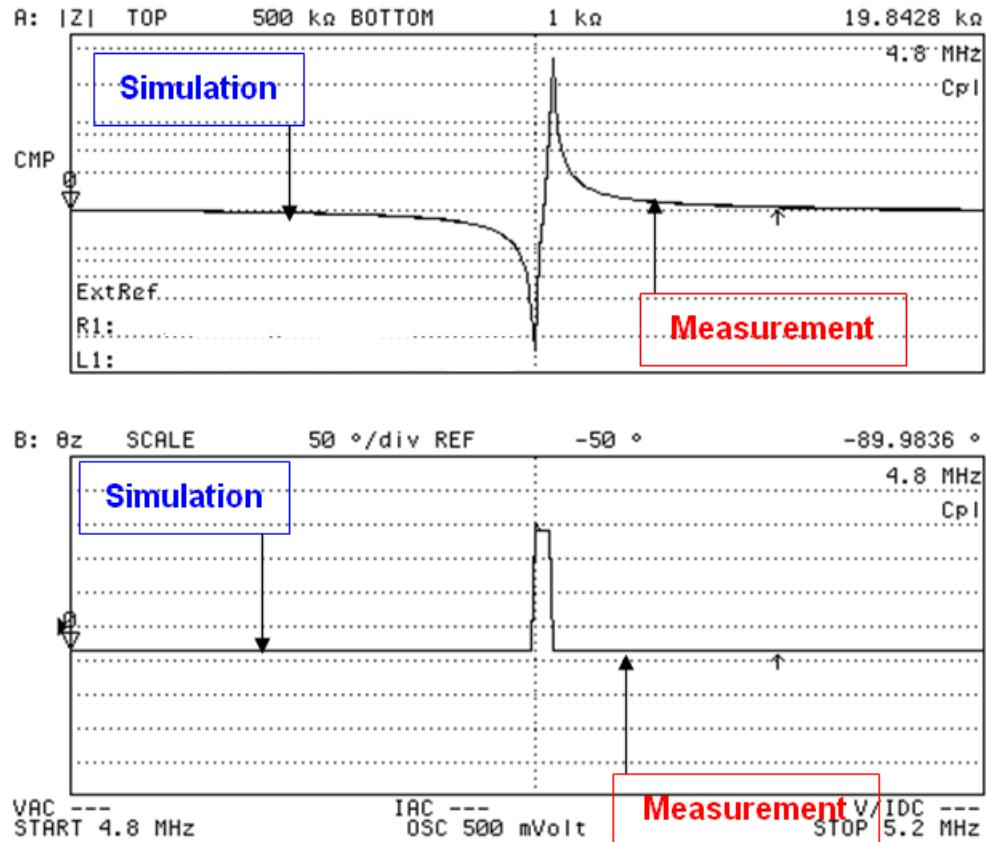


Bee Technologies Inc.

Theory: Auto Balancing Bridge Method

Optimization of Simulation

Range of adjustment Frequency: around resonance frequency of device
Frequency vs. |Z| and Frequency vs. θ_z Characteristic



L1	
C1	
R1	
C0	

Equivalent circuit

