100pF Polystrene Leaded Capacitor (Log-Scale) Real Impedance vs Frequency Magnitude vs Frequency 10⁴ 10⁴ 10² 10³ 10⁰ 10² RealZ $\overline{\mathbf{Z}}$ 10⁻² 10¹ 10⁰ 10⁻⁴ 10⁻⁶ 10⁻¹ 100 200 300 400 500 600 100 200 300 400 500 600 Frequency (MHz) Frequency (MHz) Measurement (Original) Model (Original)
Measurement (Wire is shortened) Model (Wire is shortened) Imaginary Impedance vs Frequency Phase vs Frequency 10³ 10^{0.18} | 10² PhaseZ 10^{0.16} lmagZ 10¹ 1000.14 10⁰ 10^{0.12} 10⁻¹ 200 300 400 500 300 400 100 600 100 200 500 600 0 Frequency (MHz) Frequency (MHz)