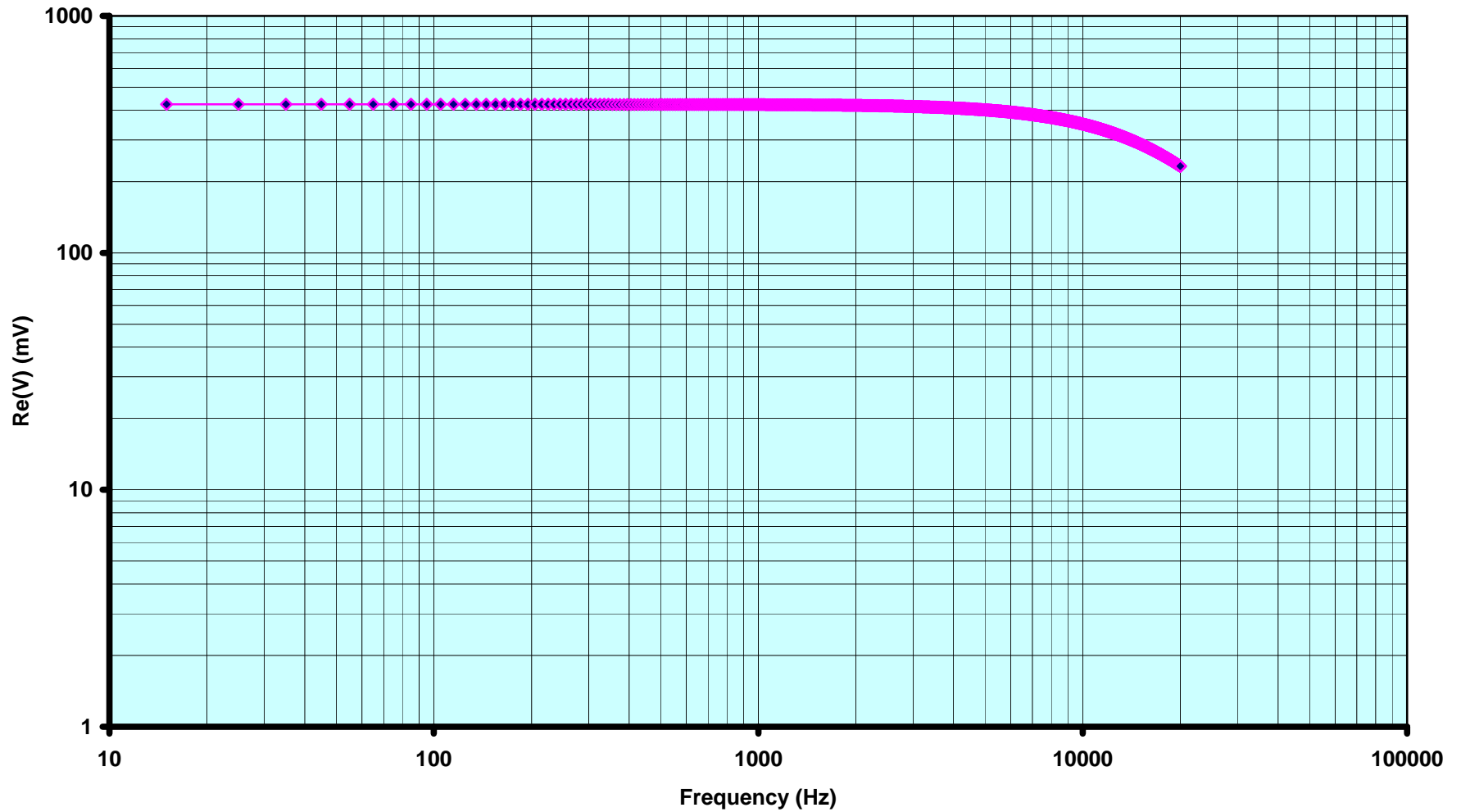
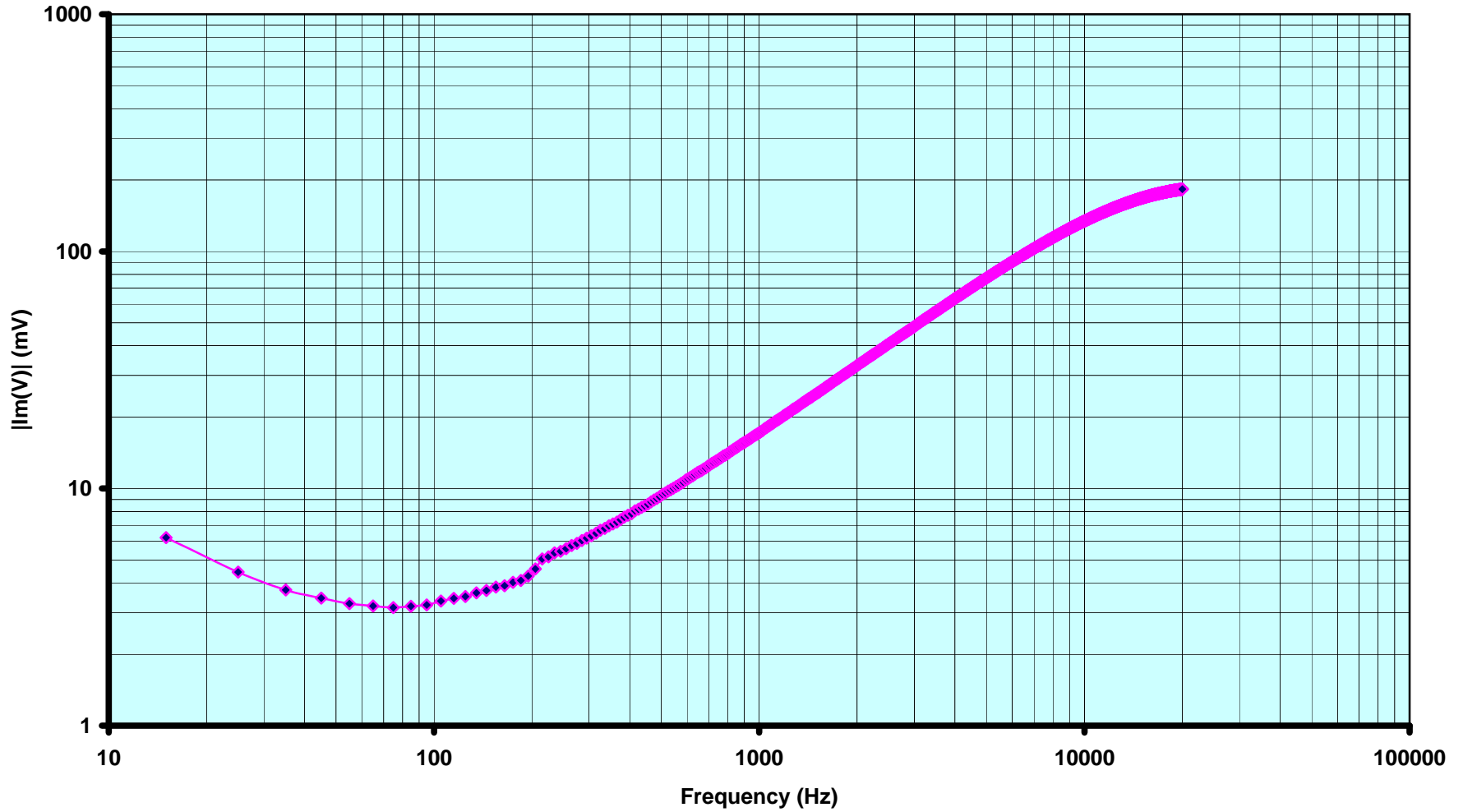


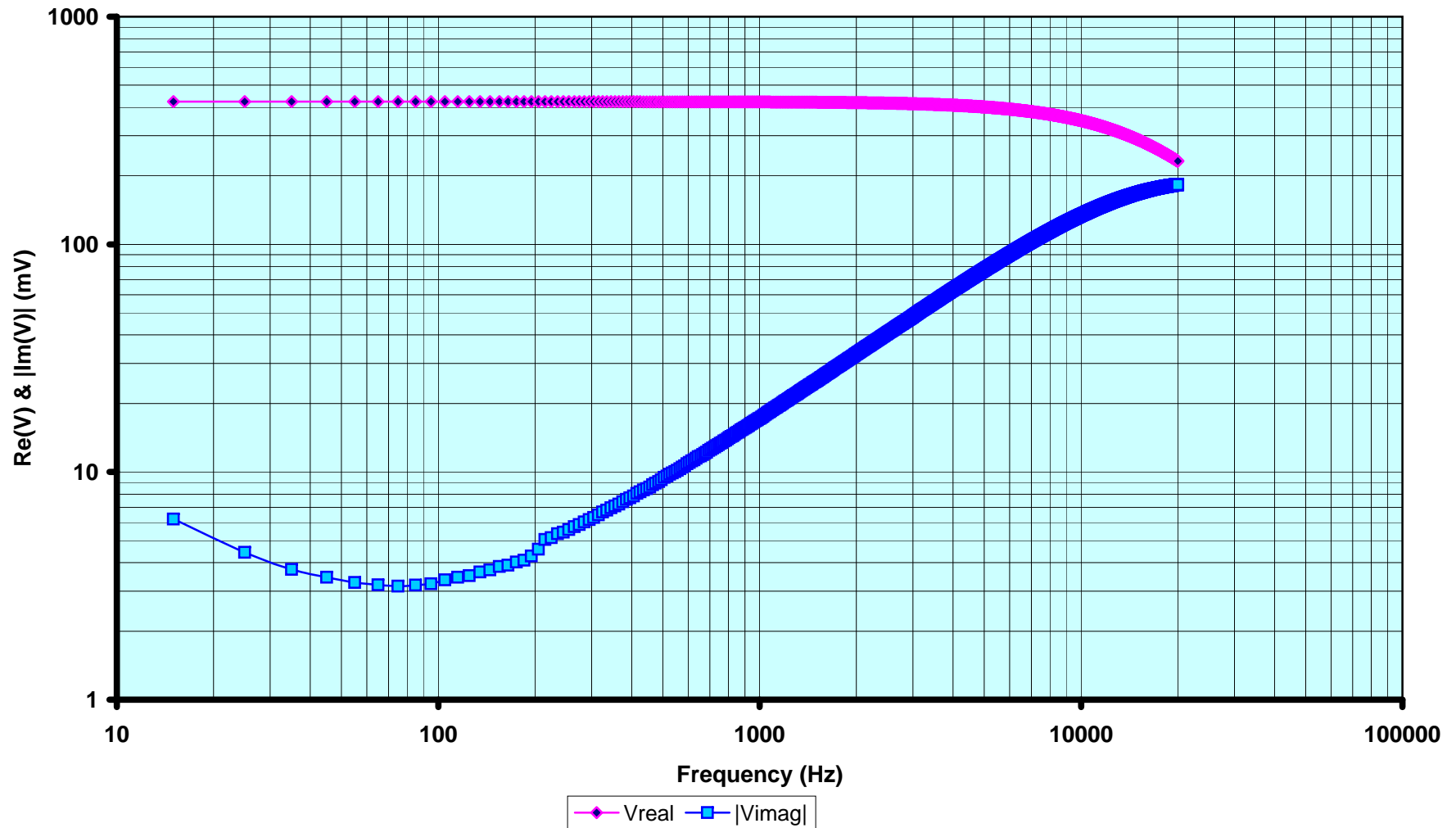
0.05 uF 600V Astron Capacitor
Re(V) vs. Frequency {Vfg = 0.6 Volts, CV}
UIUC Physics 498 EMI 03/16/08



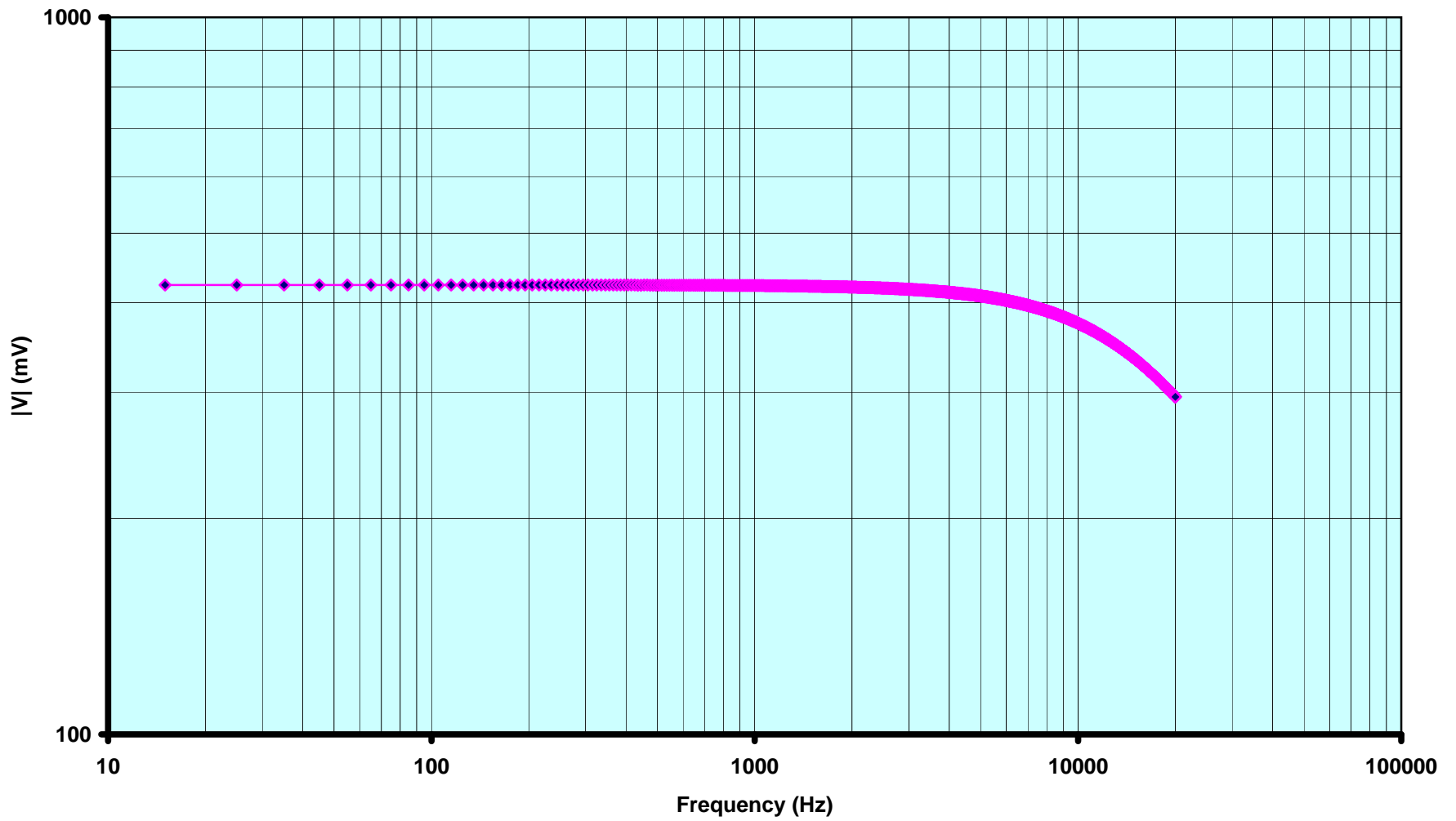
0.05 uF 600V Astron Capacitor
 $|Im(V)|$ vs. Frequency {Vfg = 0.6 Volts, CV}
UIUC Physics 498 EMI 03/16/08



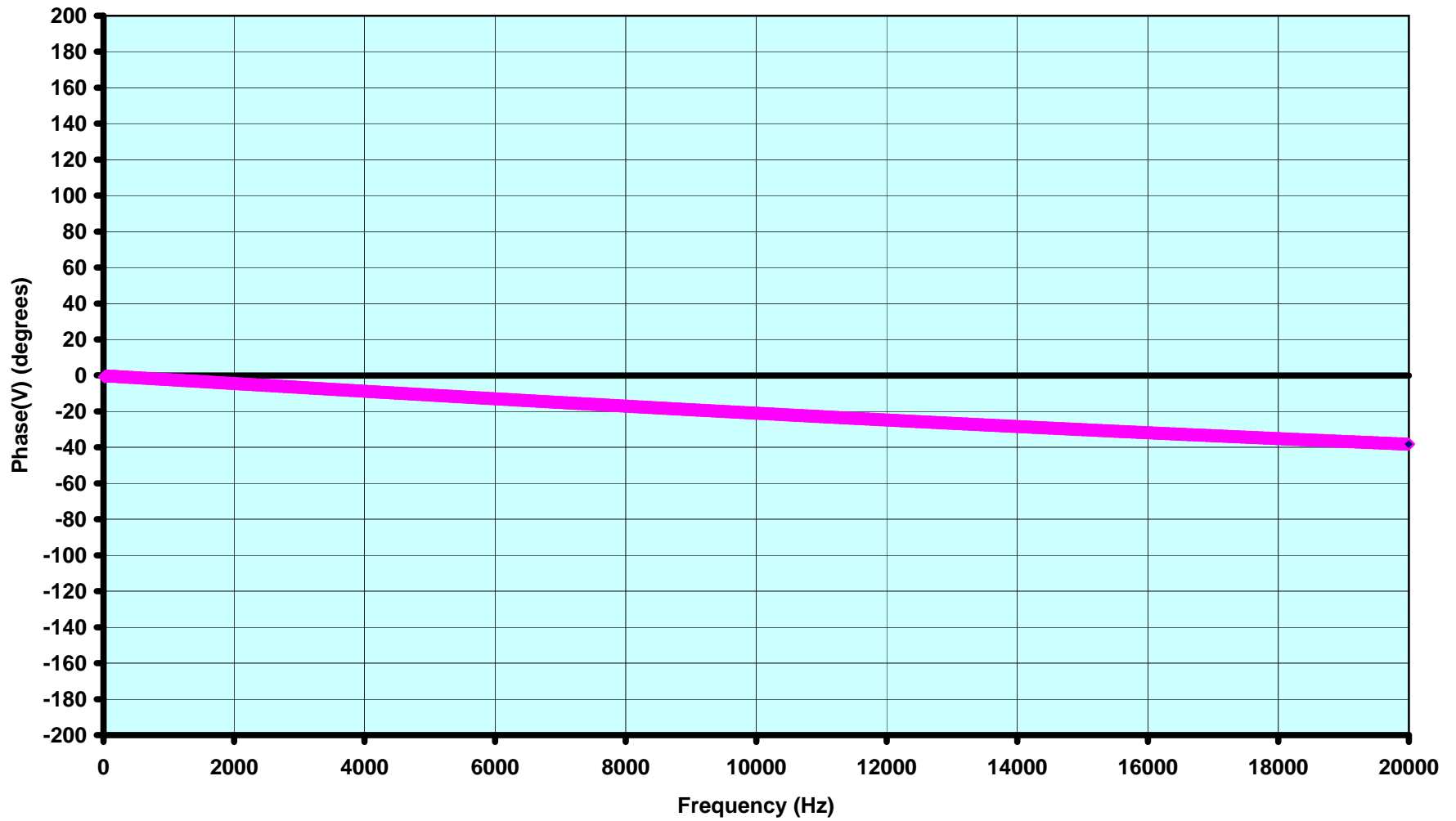
0.05 uF 600V Astron Capacitor
Re(V) & |Im(V)| vs. Frequency {Vfg = 0.6 Volts, CV}
UIUC Physics 498 EMI 03/16/08



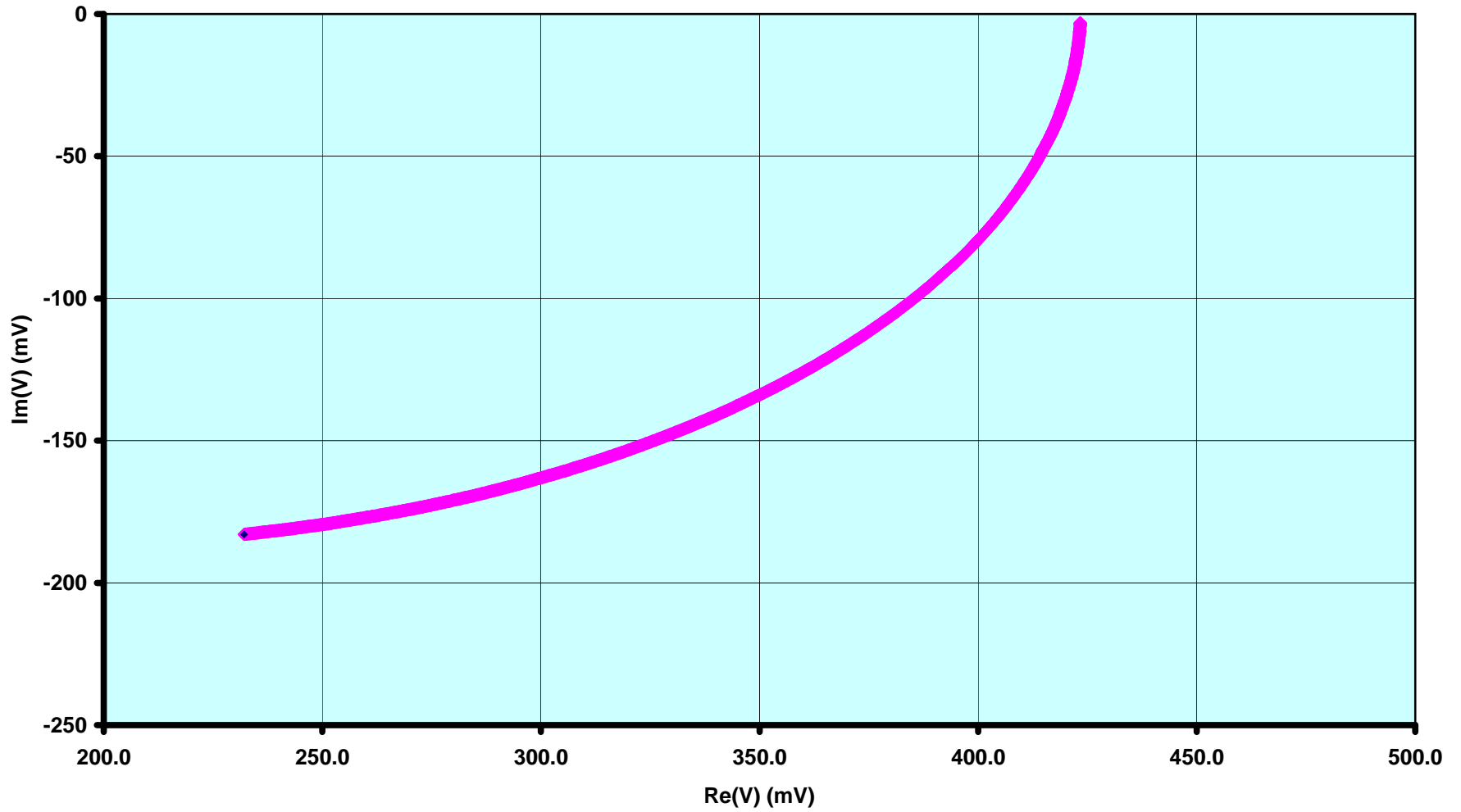
0.05 uF 600V Astron Capacitor
|V| vs. Frequency {Vfg = 0.6 Volts, CV}
UIUC Physics 498 EMI 03/16/08



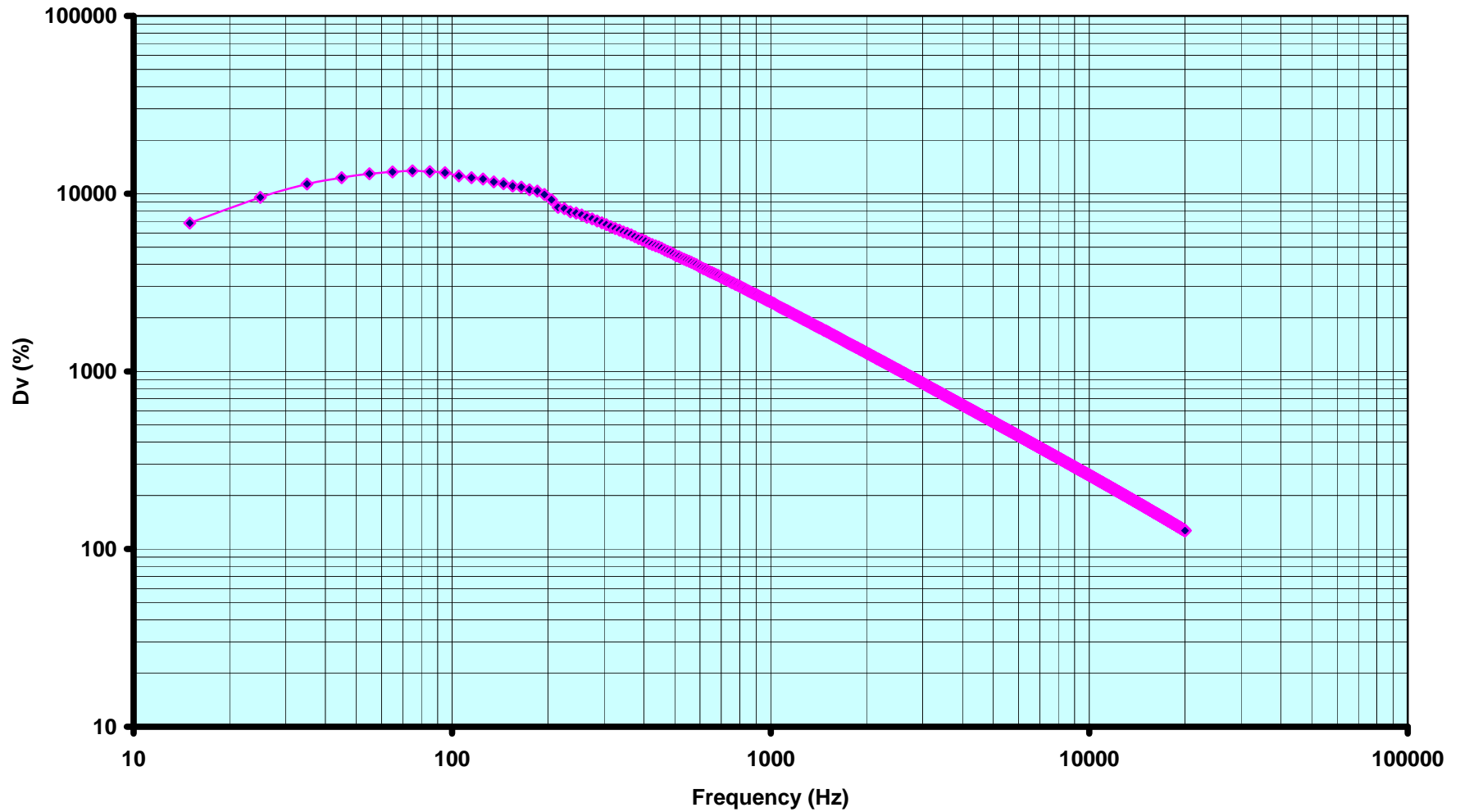
0.05 uF 600V Astron Capacitor
Phase(V) vs. Frequency {Vfg = 0.6 Volts, CV}
UIUC Physics 498 EMI 03/16/08



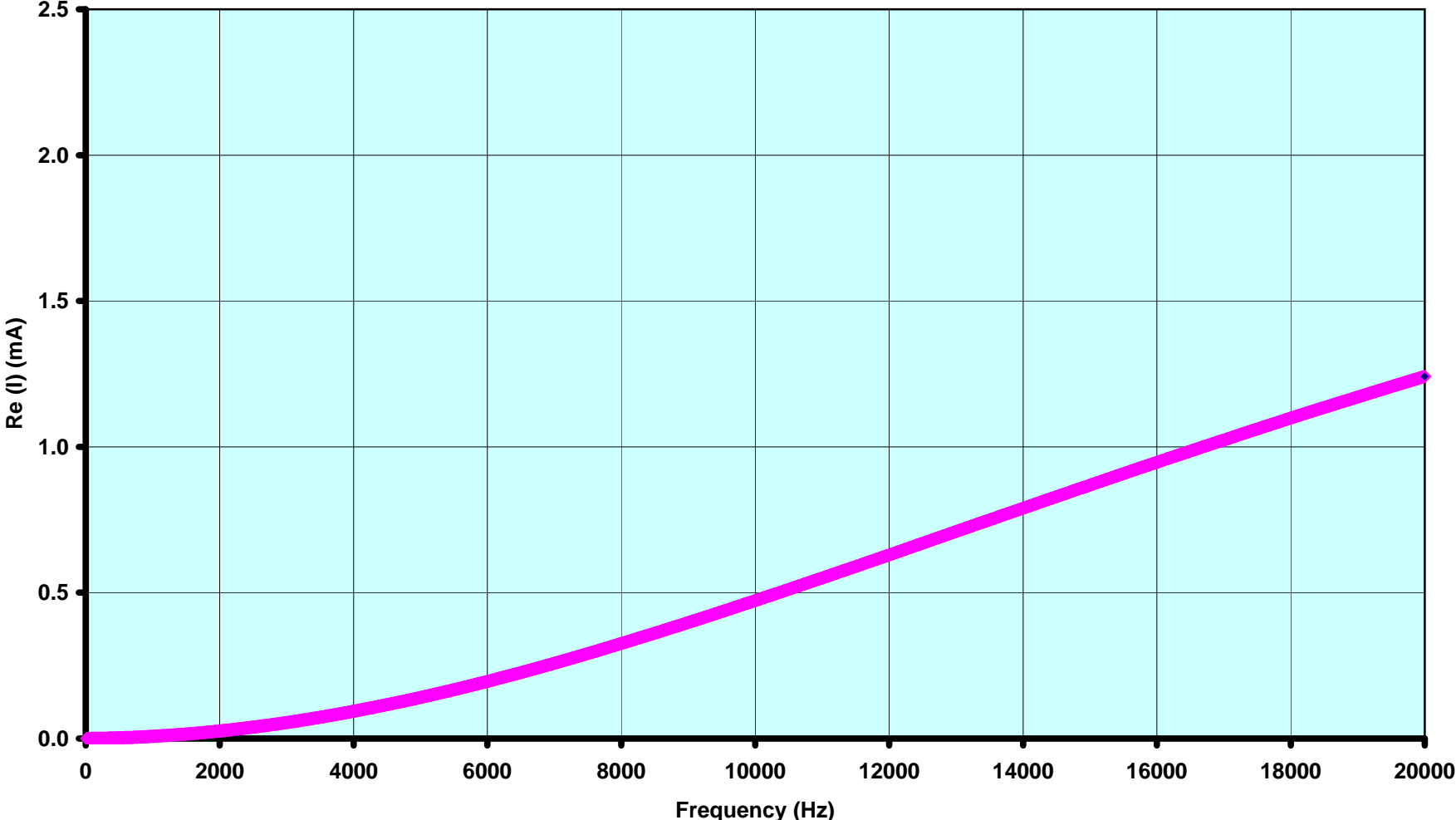
0.05 uF 600V Astron Capacitor
Im(V) vs. Re(V) {Vfg = 0.6 Volts, CV}
UIUC Physics 498 EMI 03/16/08



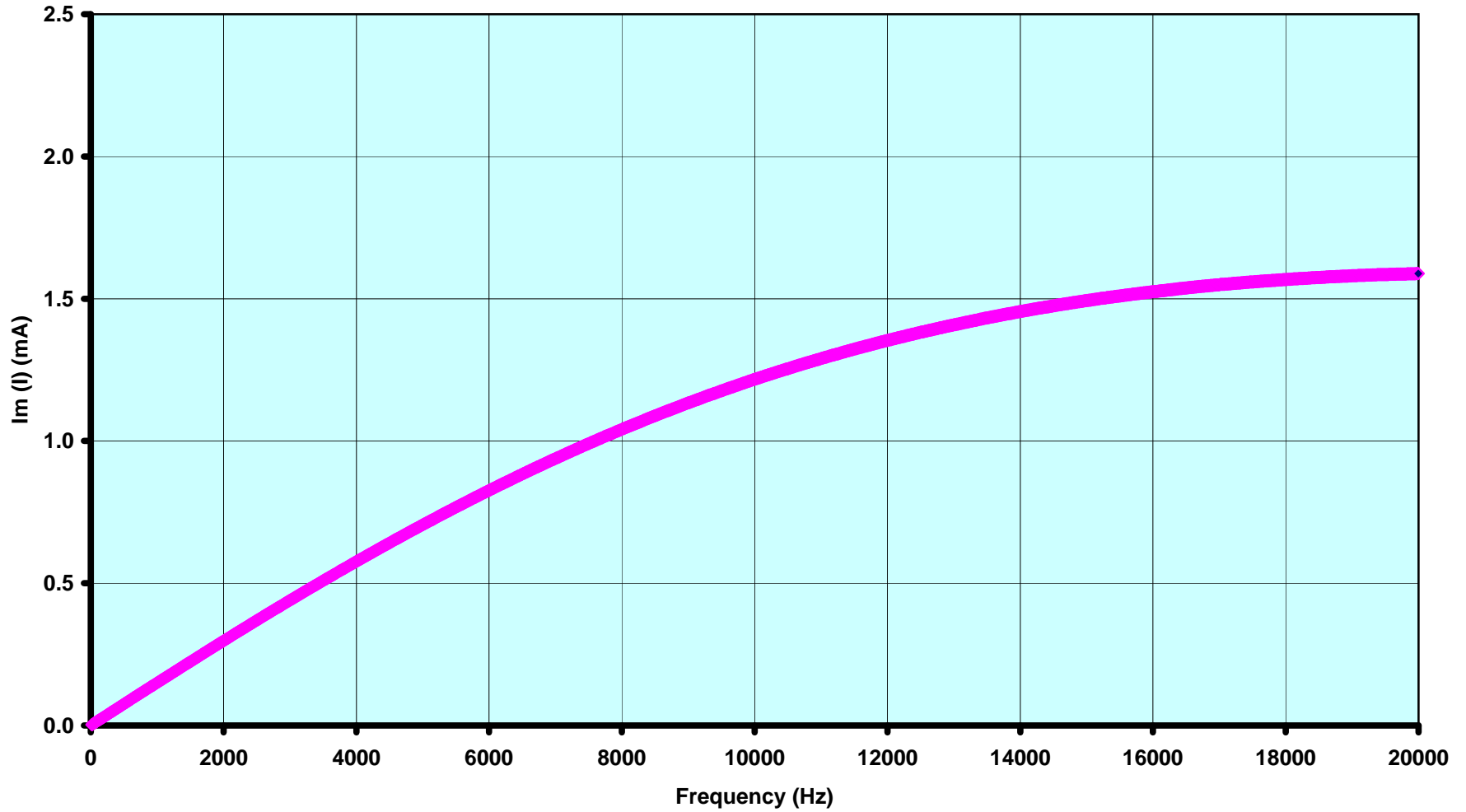
0.05 uF 600V Astron Capacitor {Vfg = 0.6 Volts}
Voltage Dissipation, $D_v = 100 \cdot \text{Abs}(\text{Re}(V)/\text{Im}(V))$ vs. Frequency
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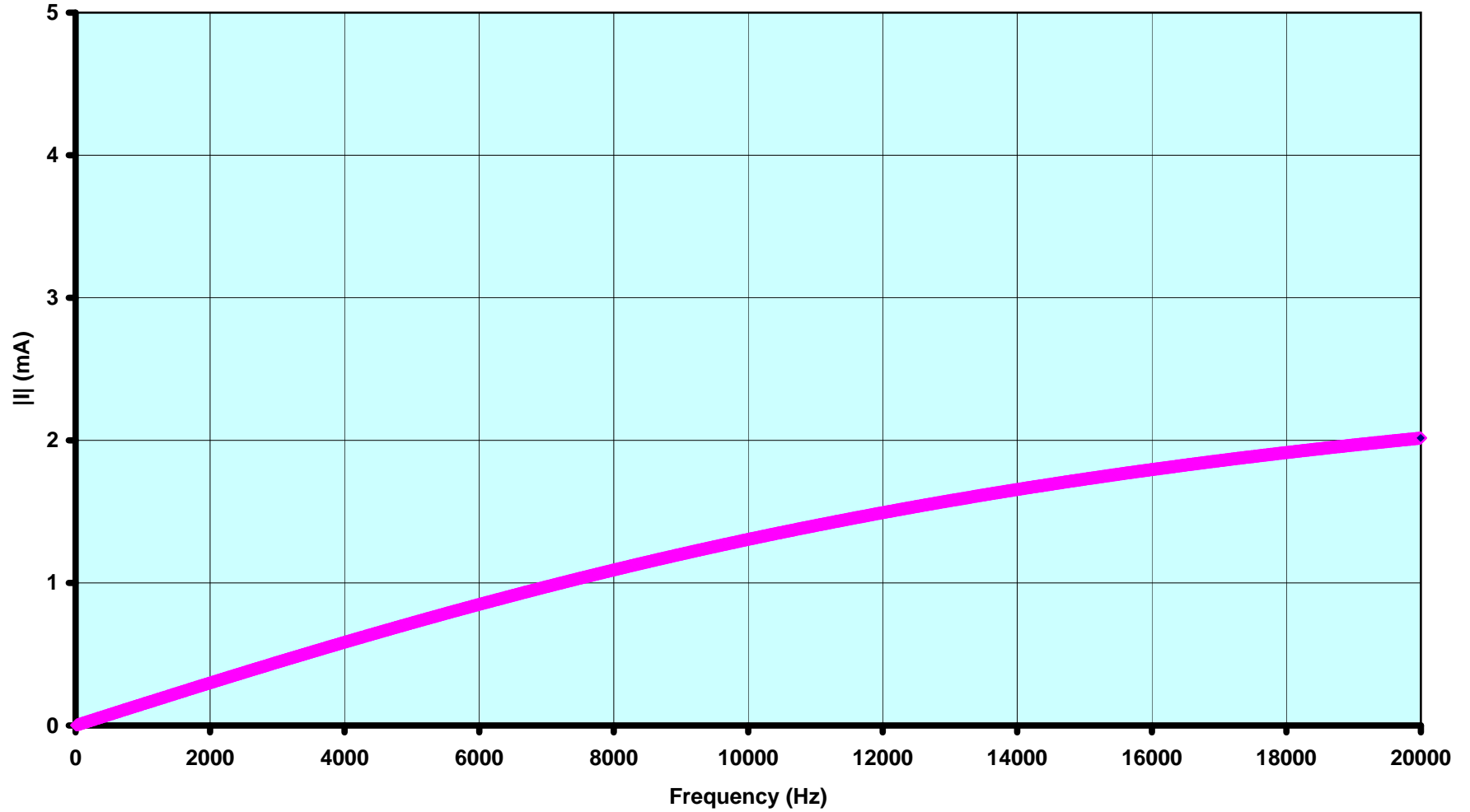
0.05 uF 600V Astron Capacitor
Re(I) vs. Frequency {Vfg = 0.6 Volts, CV}
UIUC Physics 498 EMI 03/16/08



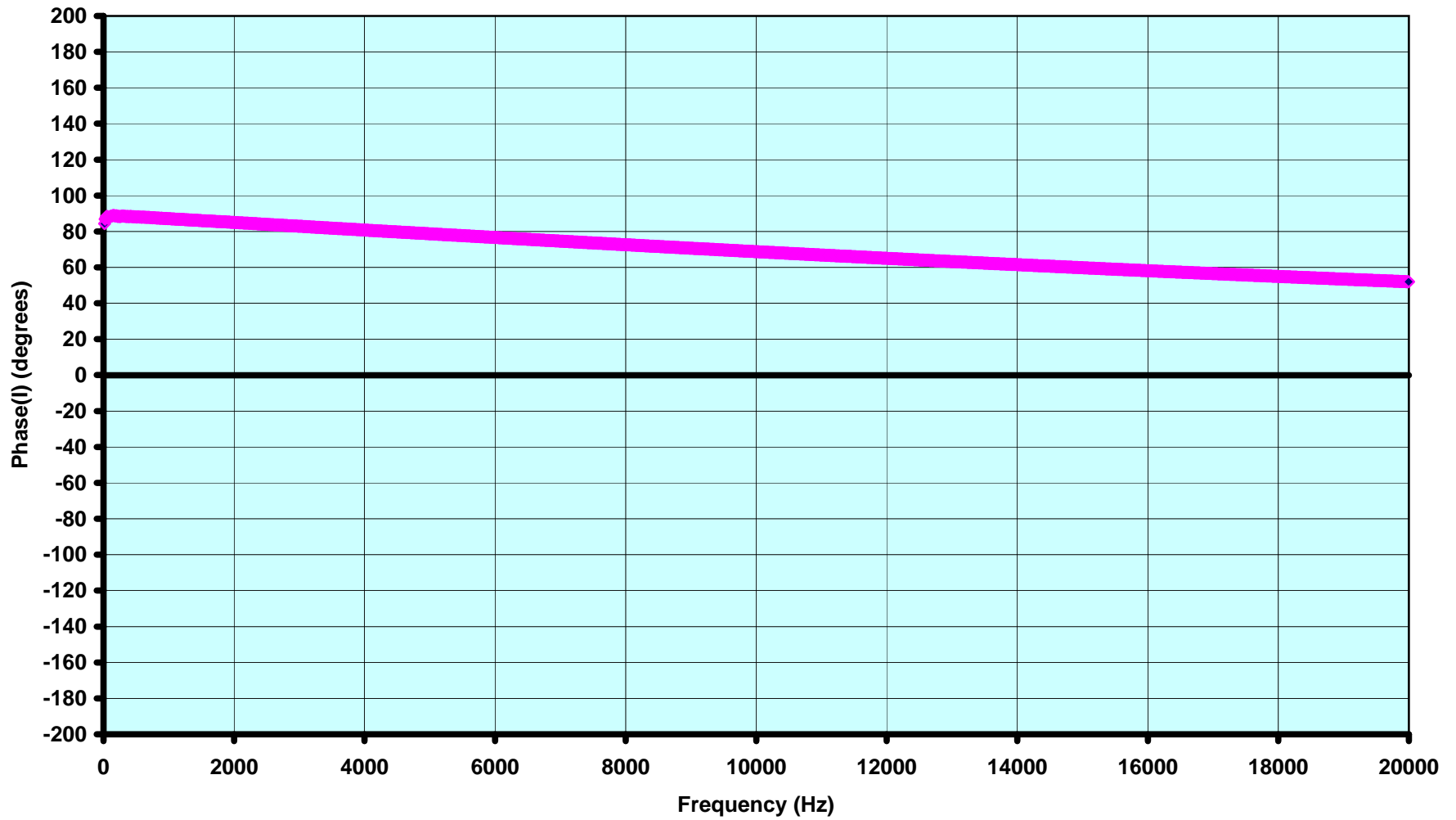
0.05 uF 600V Astron Capacitor
Im(I) vs. Frequency {Vfg = 0.6 Volts, CV}
UIUC Physics 498 EMI 03/16/08



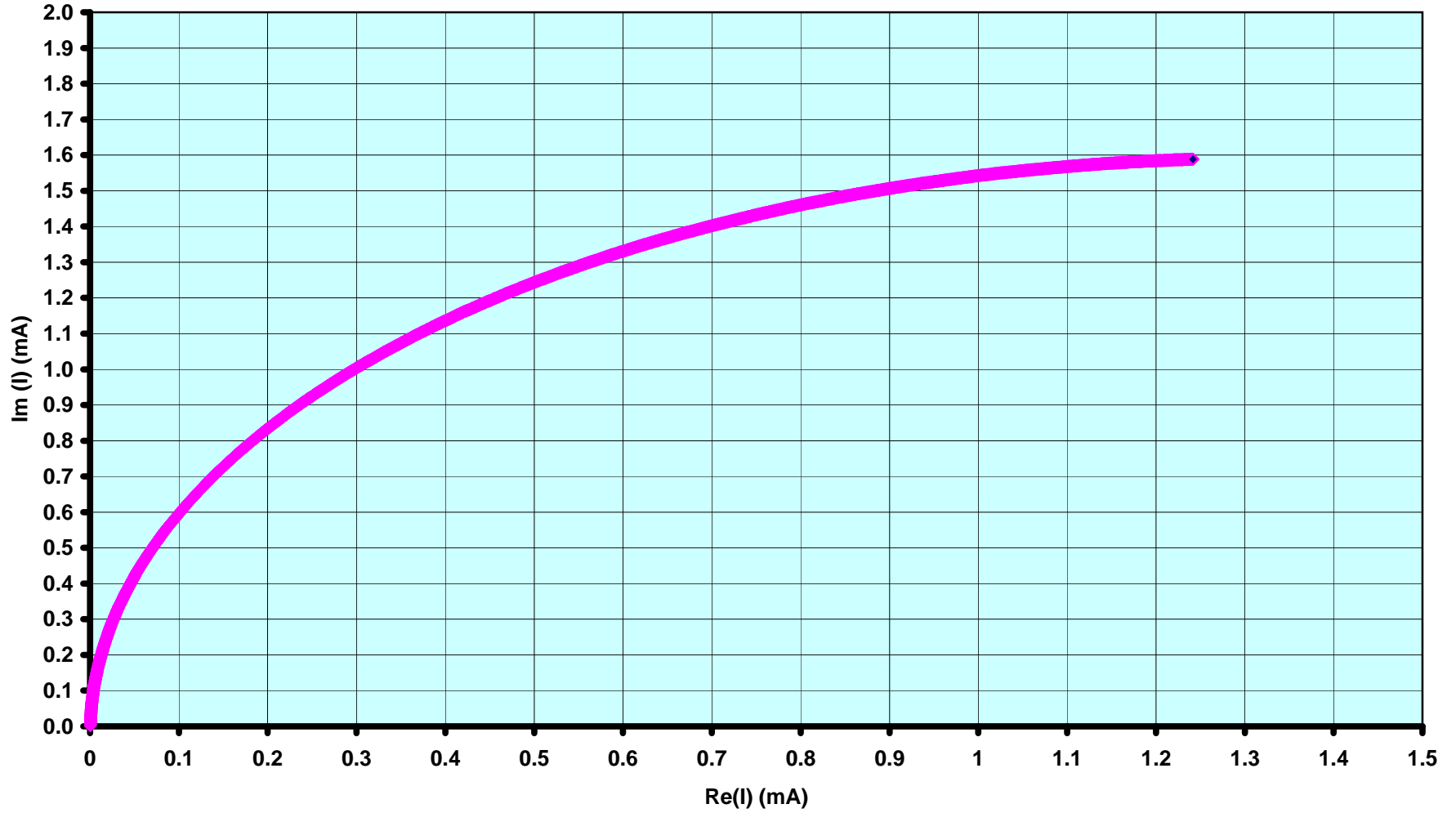
0.05 uF 600V Astron Capacitor
 I vs. Frequency {Vfg = 0.6 Volts, CV}
UIUC Physics 498 EMI 03/16/08



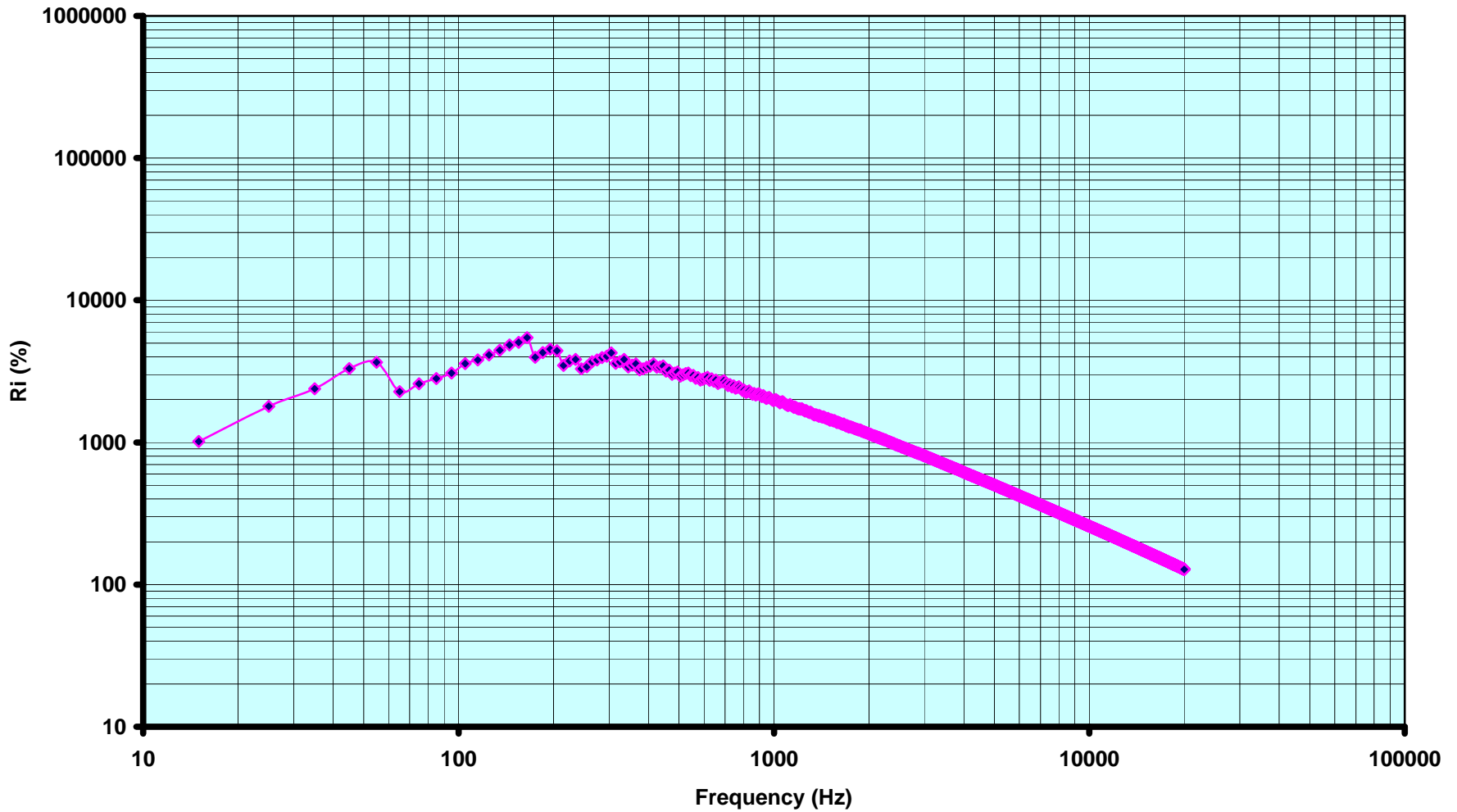
0.05 uF 600V Astron Capacitor
Phase(I) vs. Frequency {Vfg = 0.6 Volts, CV}
UIUC Physics 498 EMI 03/16/08



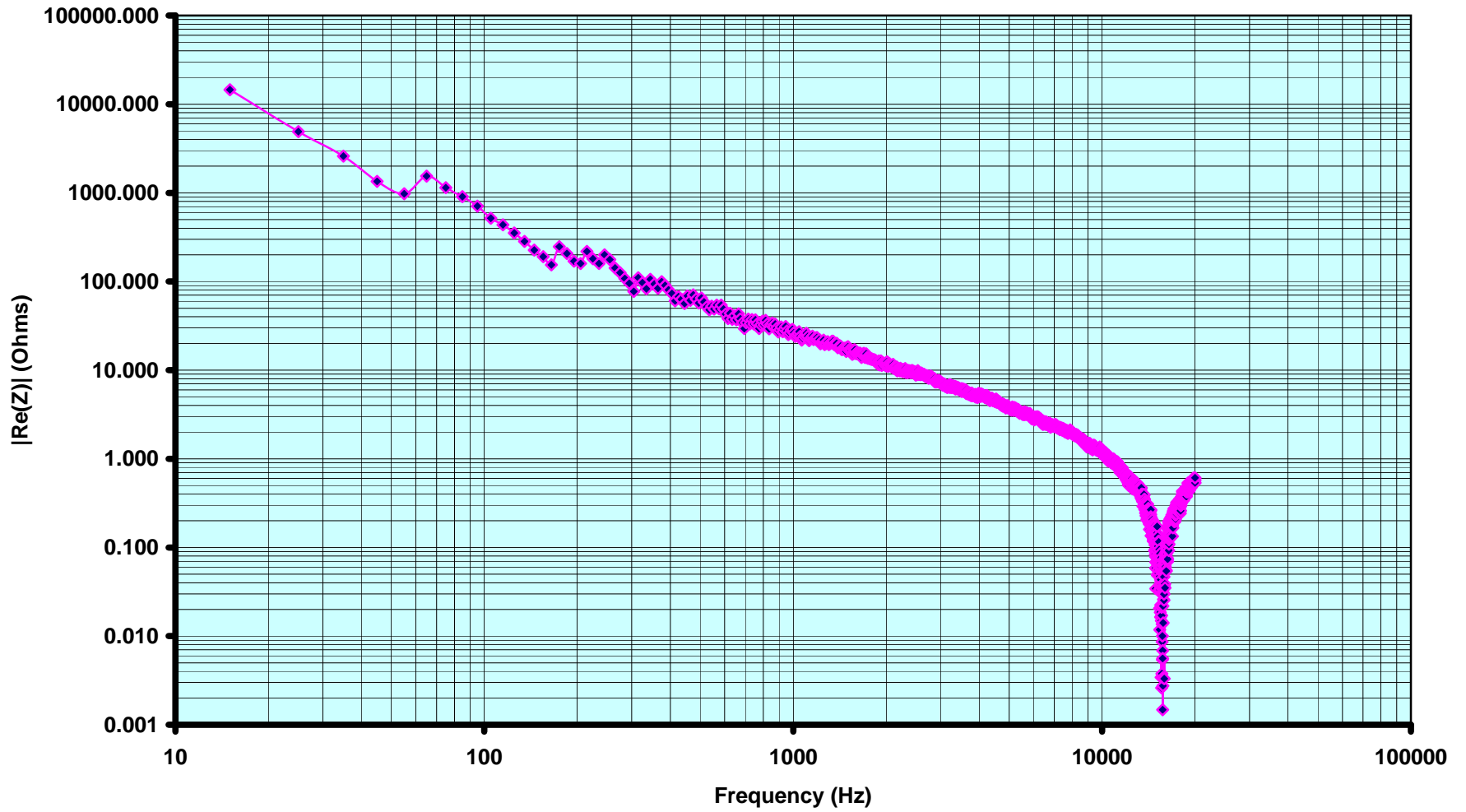
0.05 uF 600V Astron Capacitor
Im(I) vs. Re(I) {Vfg = 0.6 Volts, CV}
UIUC Physics 498 EMI 03/16/08



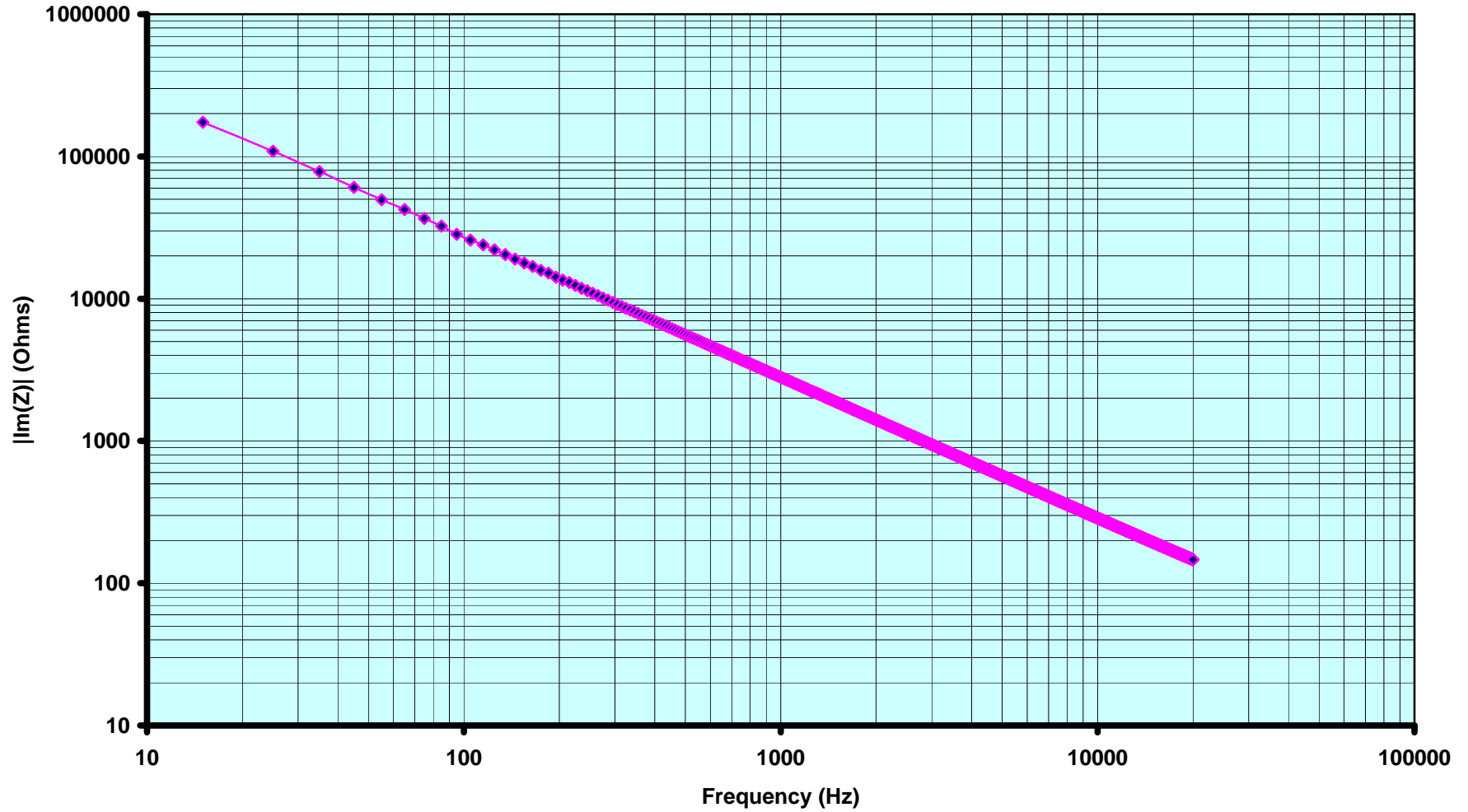
0.05 uF 600V Astron Capacitor {Vfg = 0.6 Volts}
Current "Reactance", $R_i = 100 \cdot \text{Abs}(\text{Im}(I)/\text{Re}(I))$ vs. Frequency
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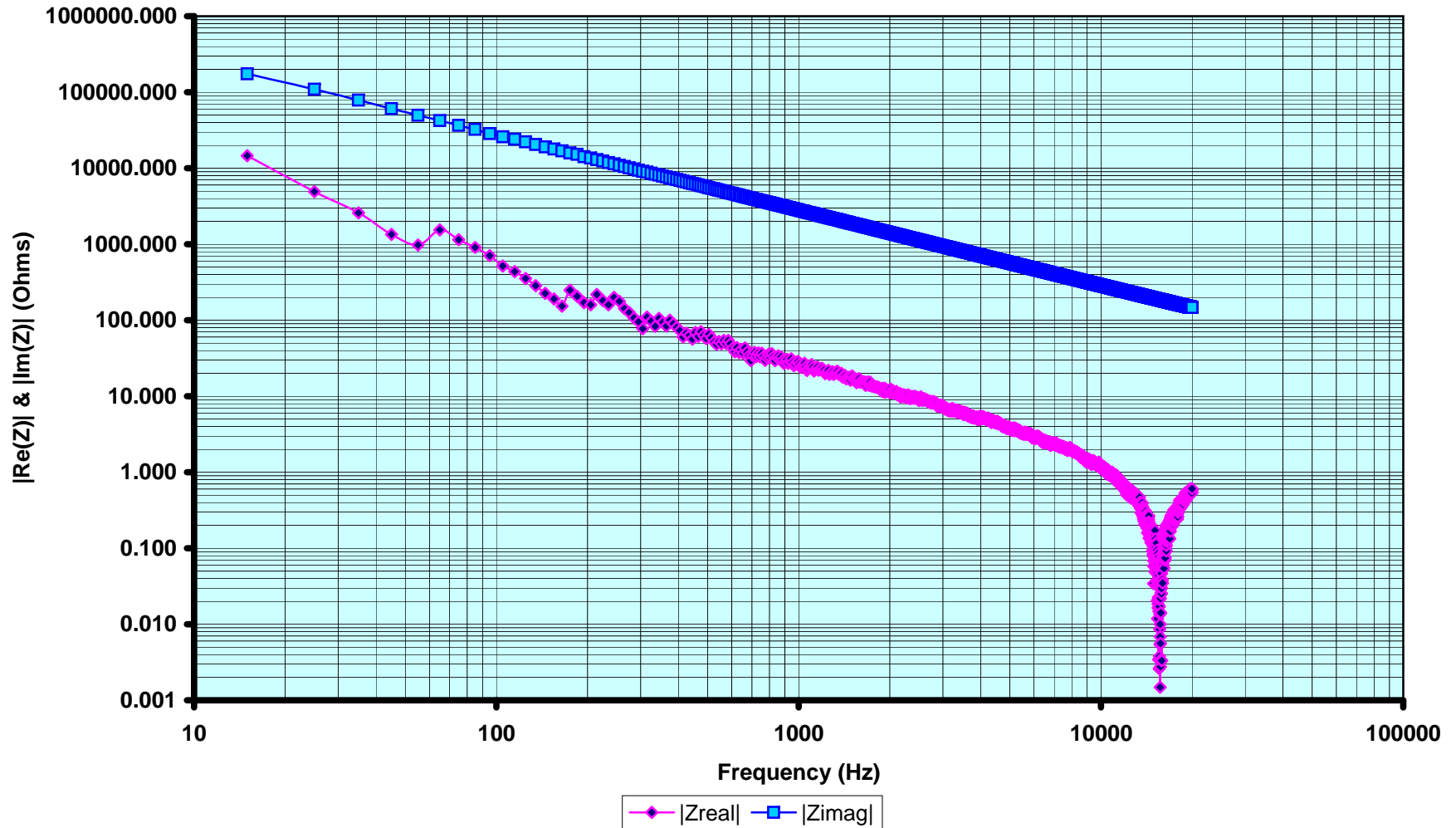
0.05 uF 600V Astron Capacitor
|Re(Z)| vs. Frequency {Vfg = 0.6 Volts, CV}
UIUC Physics 498 EMI 03/16/08



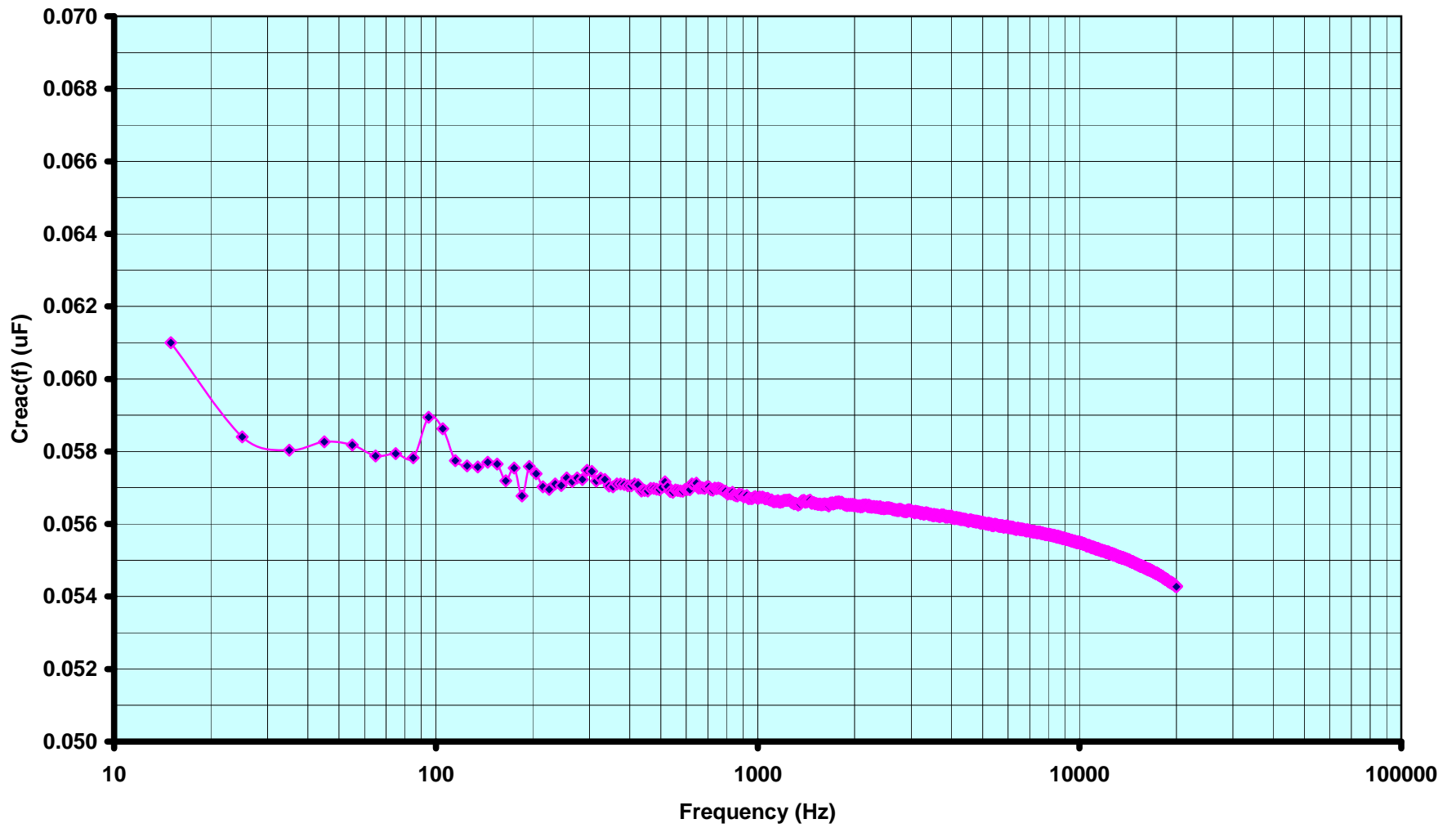
0.05 uF 600V Astron Capacitor
 $|Im(Z)|$ vs. Frequency {Vfg = 0.6 Volts, CV}
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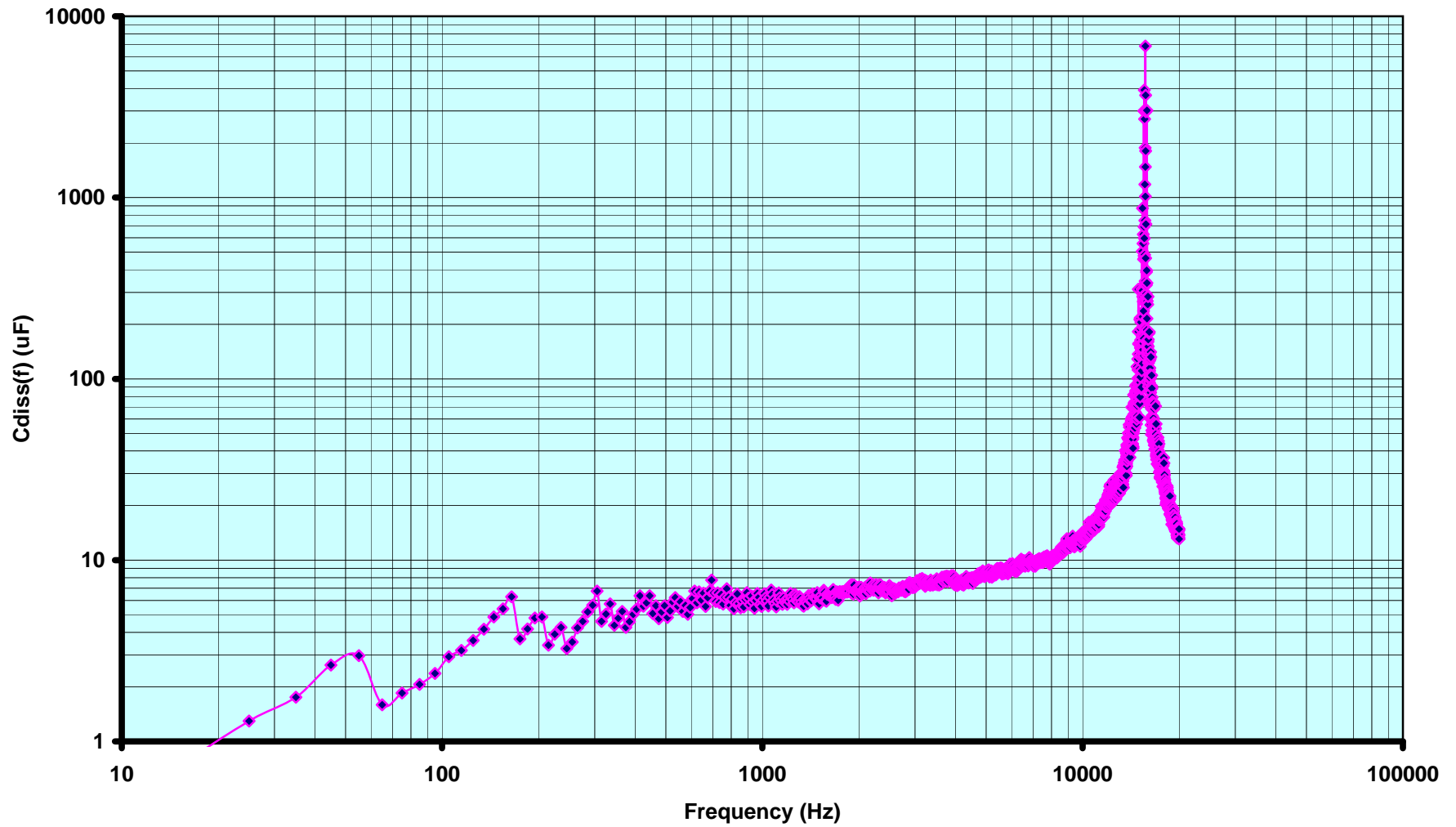
0.05 uF 600V Astron Capacitor
|Re(Z)| & |Im(Z)| vs. Frequency {Vfg = 0.6 Volts, CV}
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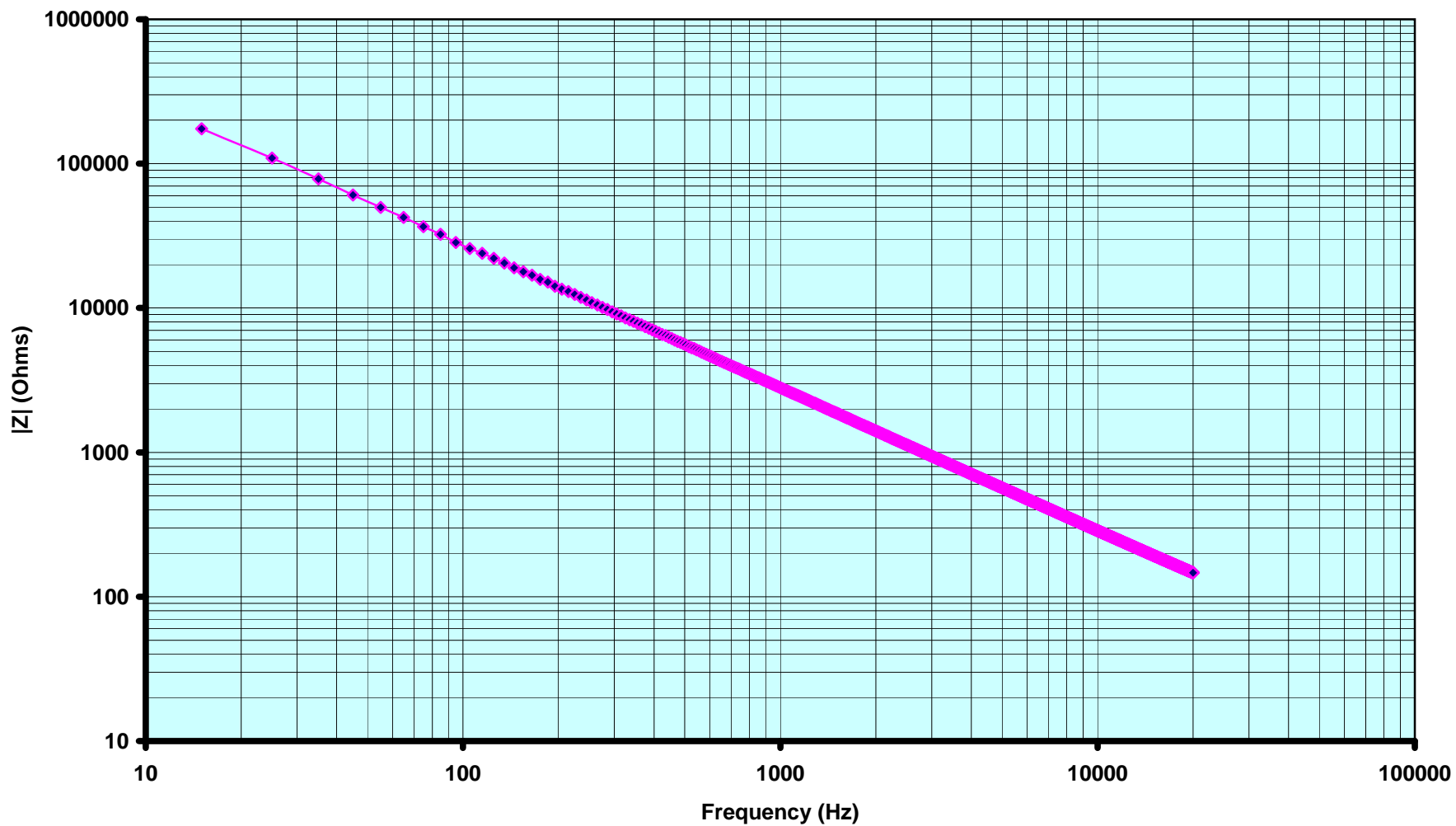
0.05 uF 600V Astron Capacitor
Reactive Capacitance vs. Frequency {Vfg = 0.6 Volts, CV}
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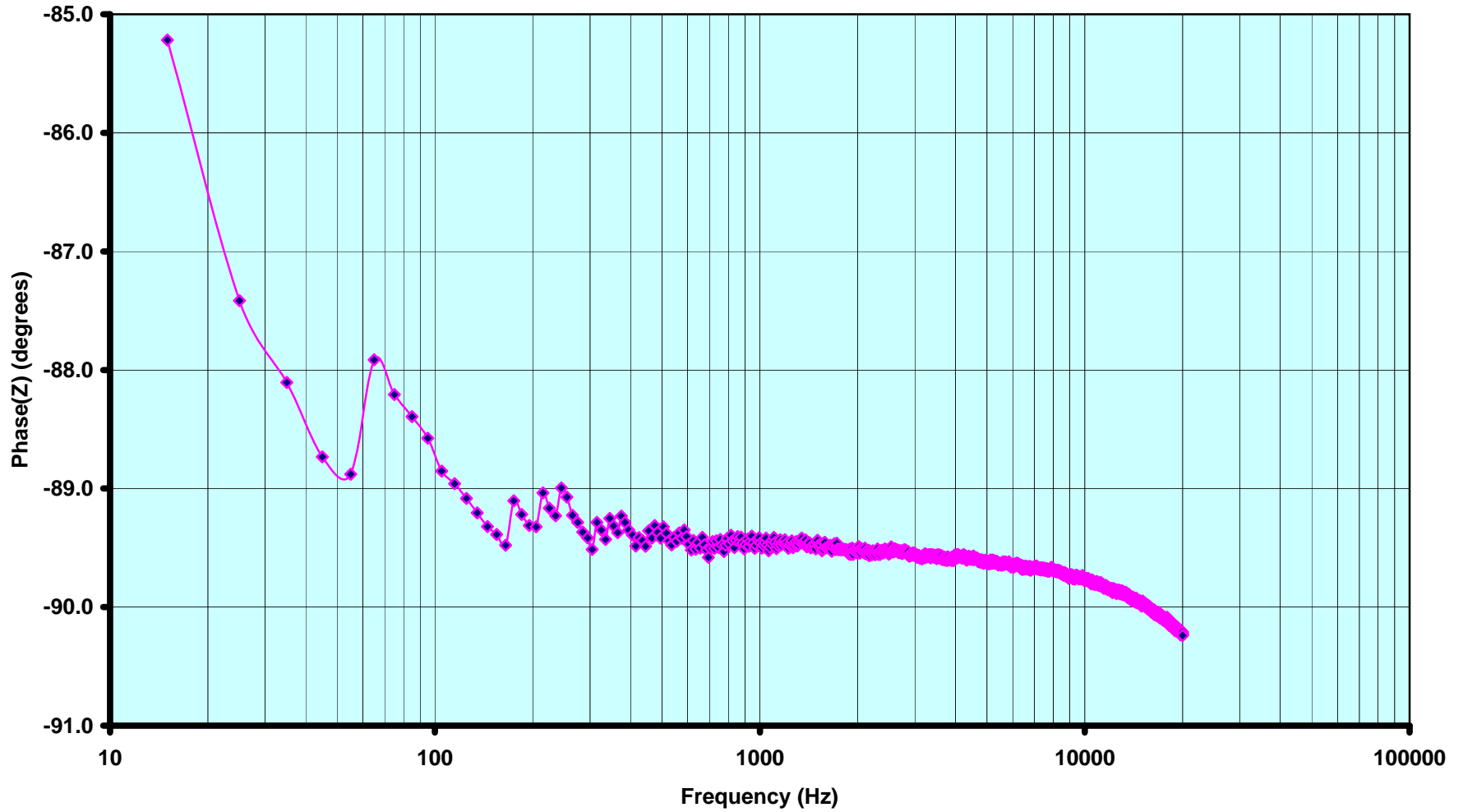
0.05 uF 600V Astron Capacitor
Dissipative Capacitance vs. Frequency {Vfg = 0.6 Volts, CV}
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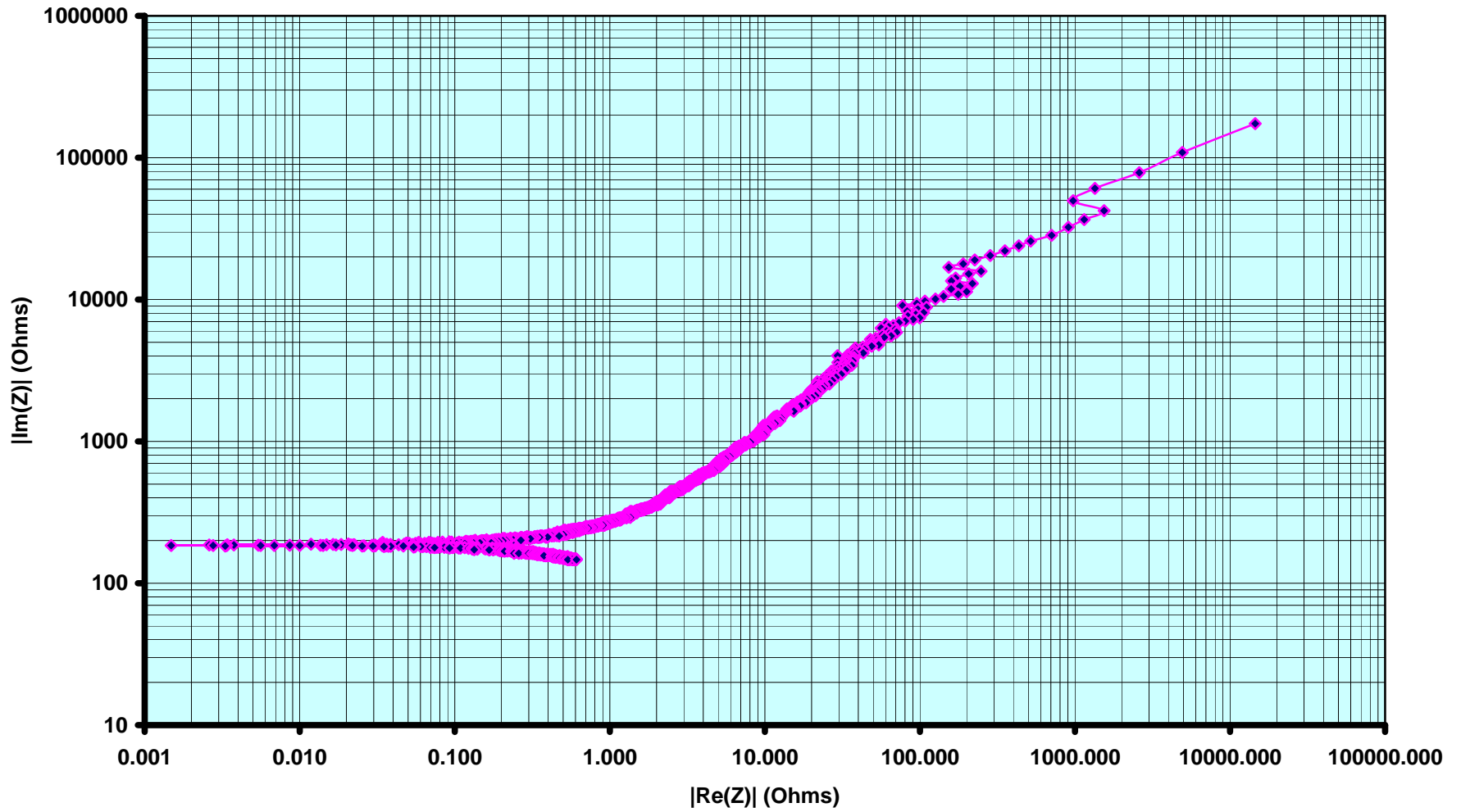
0.05 μ F 600V Astron Capacitor
|Z| vs. Frequency {Vfg = 0.6 Volts, CV}
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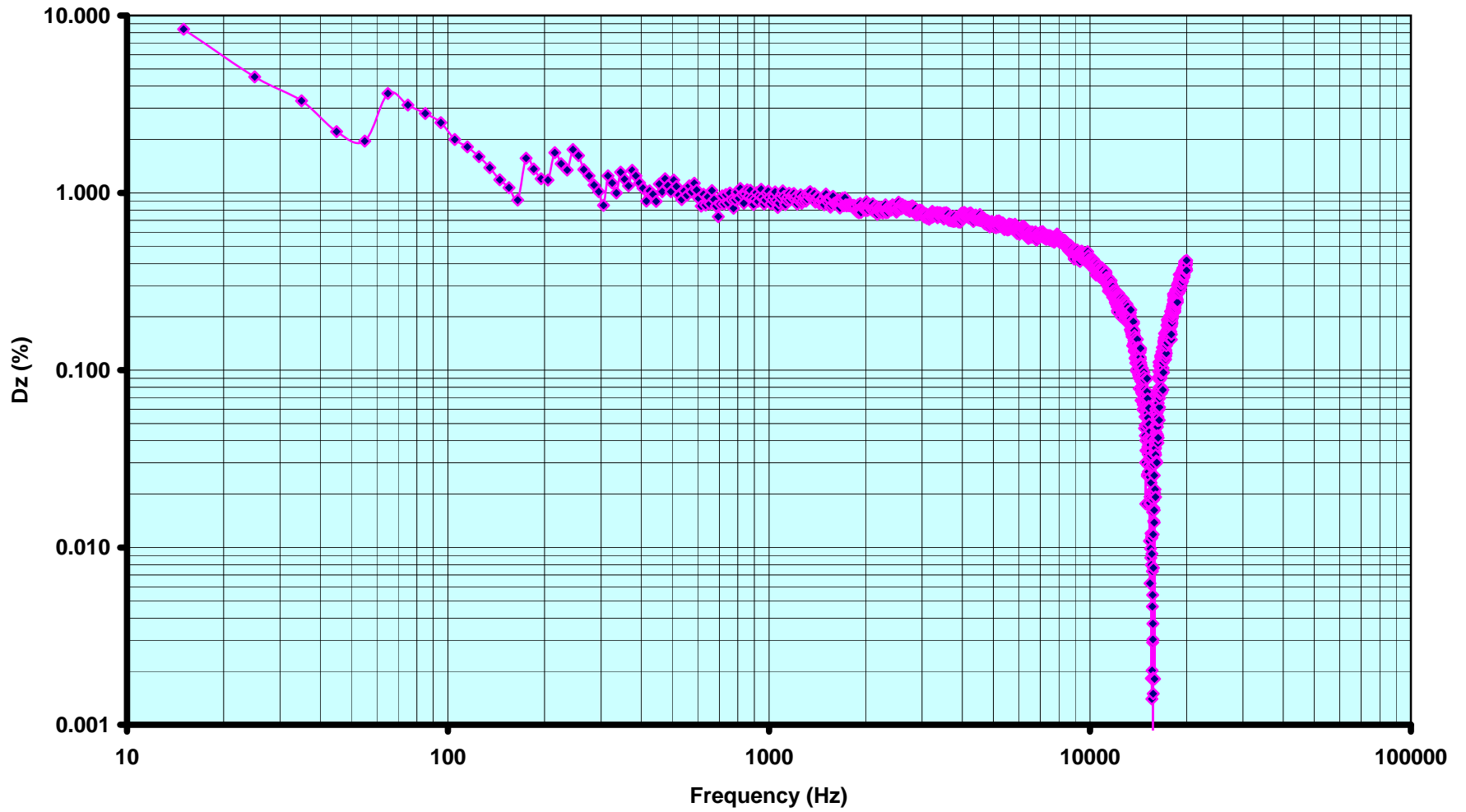
0.05 uF 600V Astron Capacitor
Phase(Z) vs. Frequency {Vfg = 0.6 Volts, CV}
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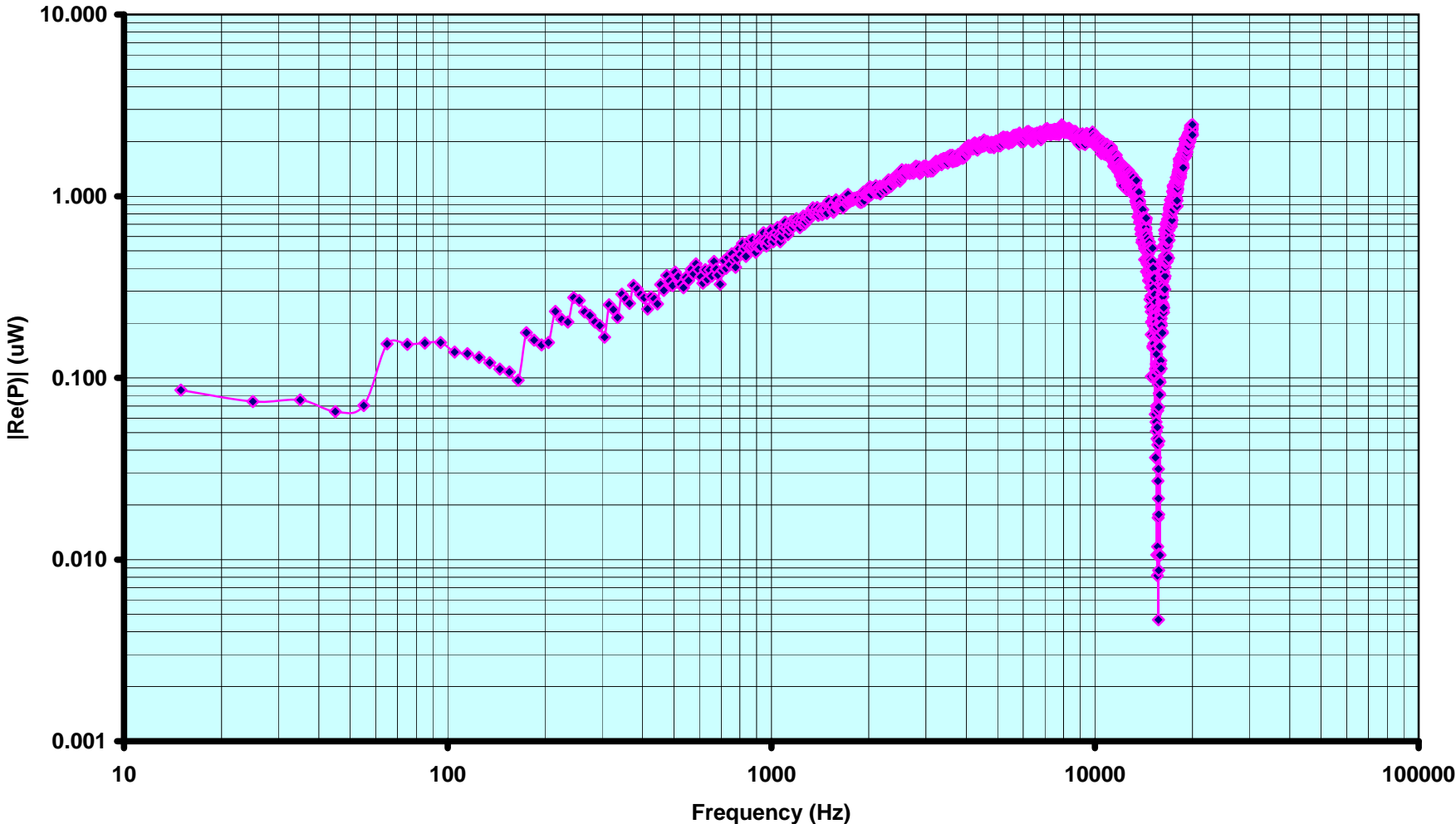
0.05 uF 600V Astron Capacitor
 $|\text{Im}(Z)|$ vs. $|\text{Re}(Z)|$ {Vfg = 0.6 Volts, CV}
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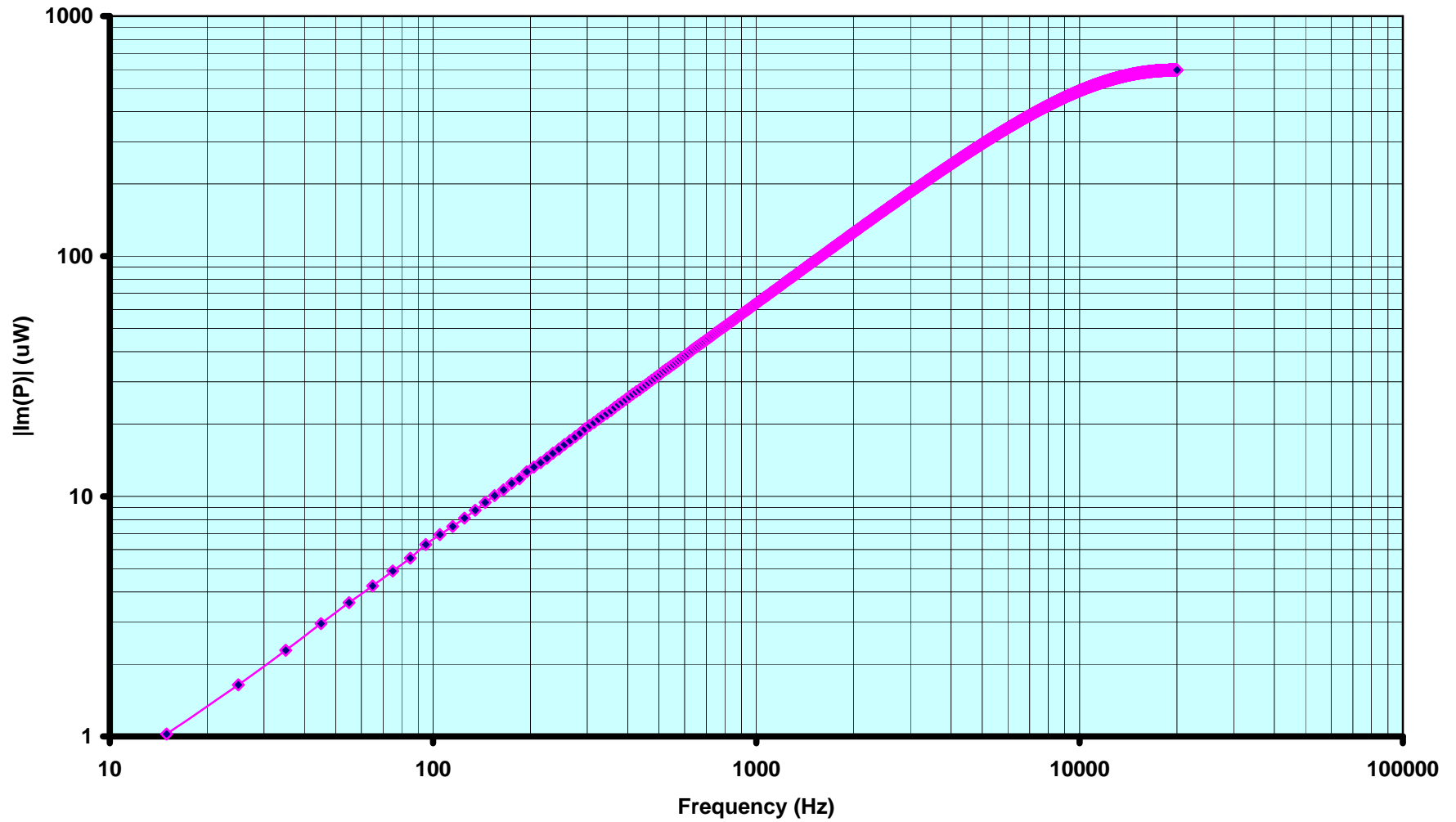
0.05 uF 600V Astron Capacitor {Vfg = 0.6 Volts}
Impedance Dissipation, $D_z = 100 * |\text{Re}(Z)| / |\text{Im}(Z)|$ vs. Frequency
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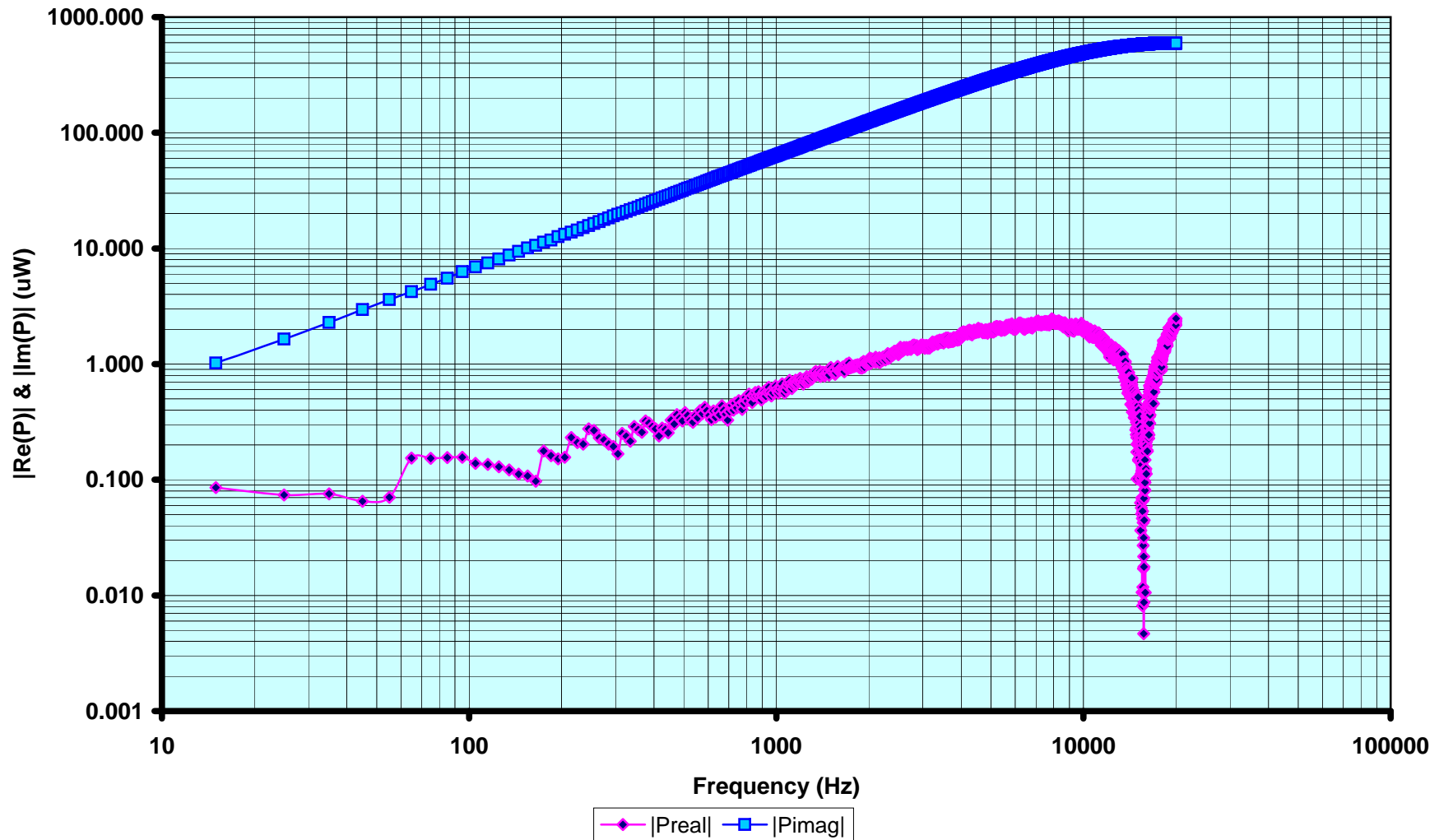
0.05 μ F 600V Astron Capacitor
 $|\text{Re}(P)|$ vs. Frequency {Vfg = 0.6 Volts, CV}
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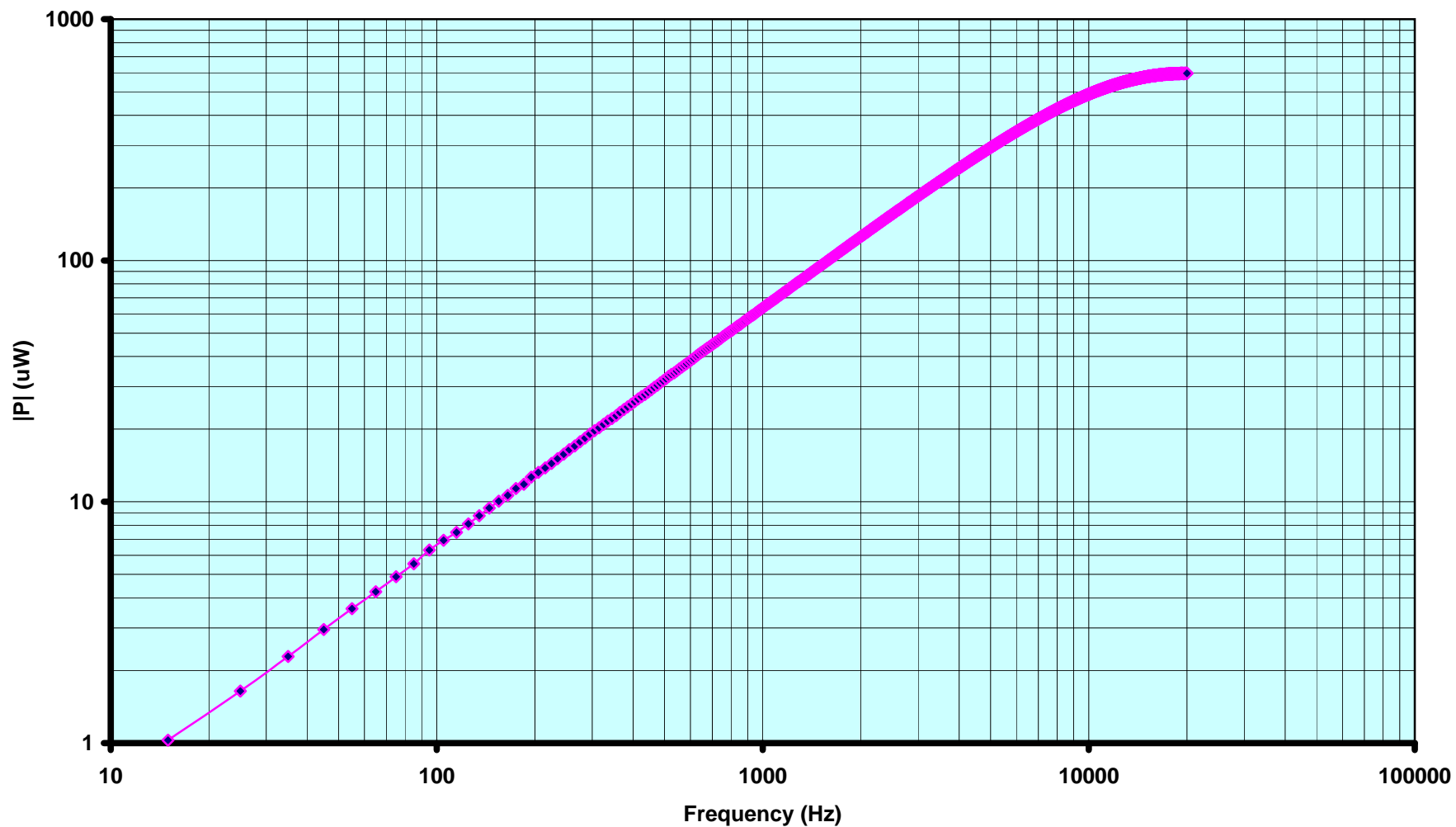
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 $|\text{Im}(P)|$ vs. Frequency {Vfg = 0.6 Volts, CV}
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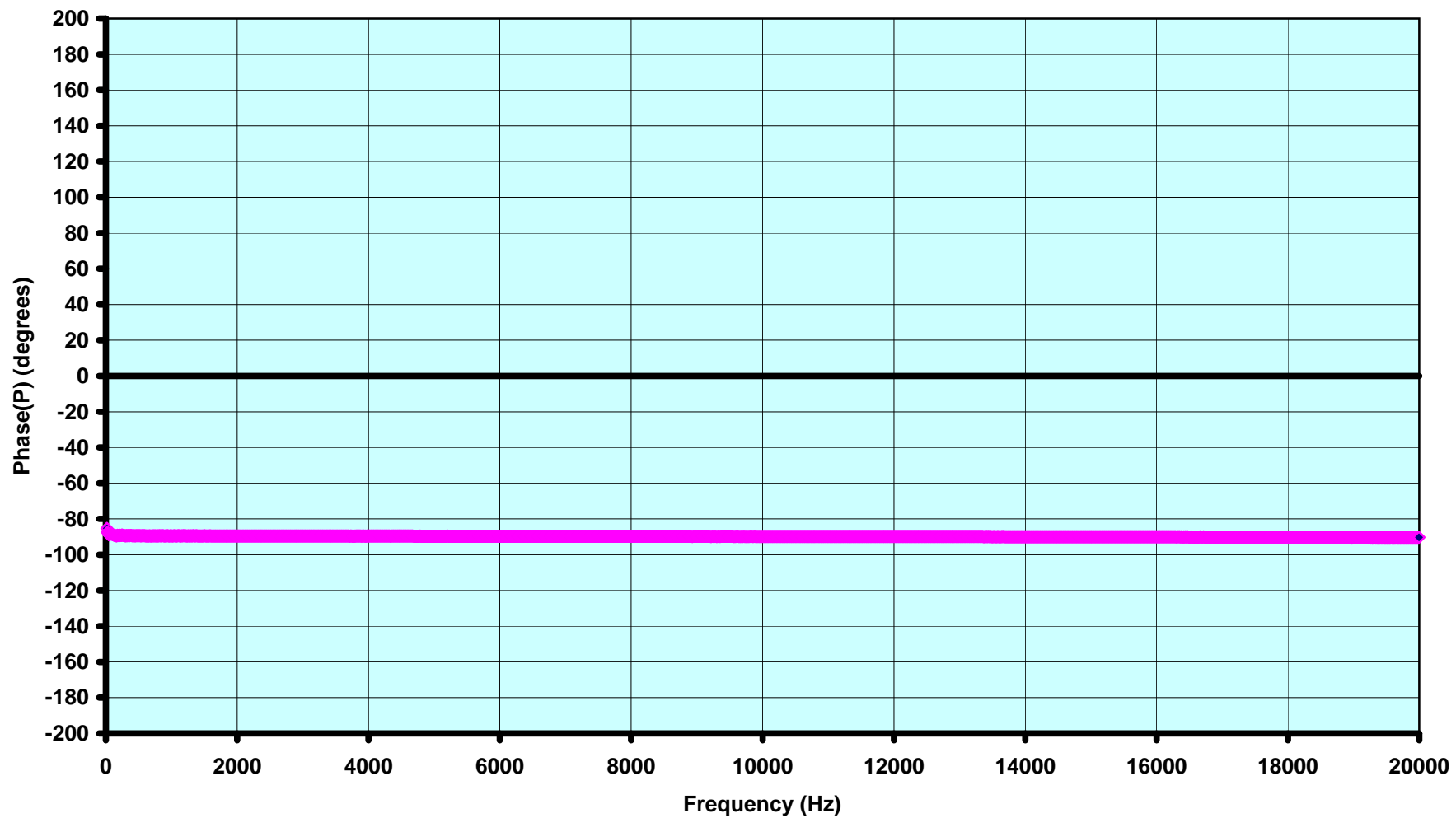
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|Re(P)| & |Im(P)| vs. Frequency {Vfg = 0.6 Volts, CV}
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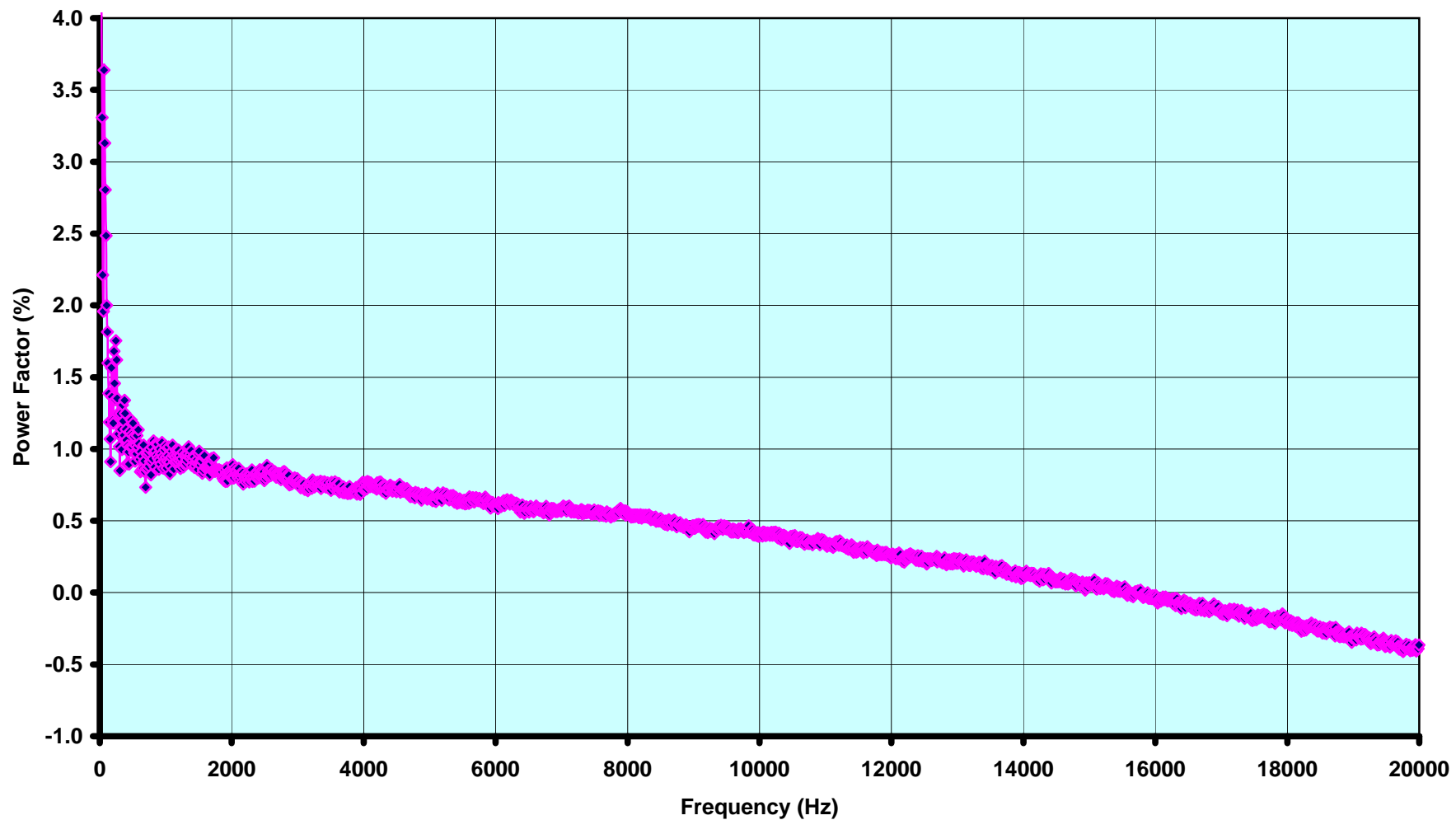
0.05 μ F 600V Astron Capacitor
 $|P|$ vs. Frequency {Vfg = 0.6 Volts, CV}
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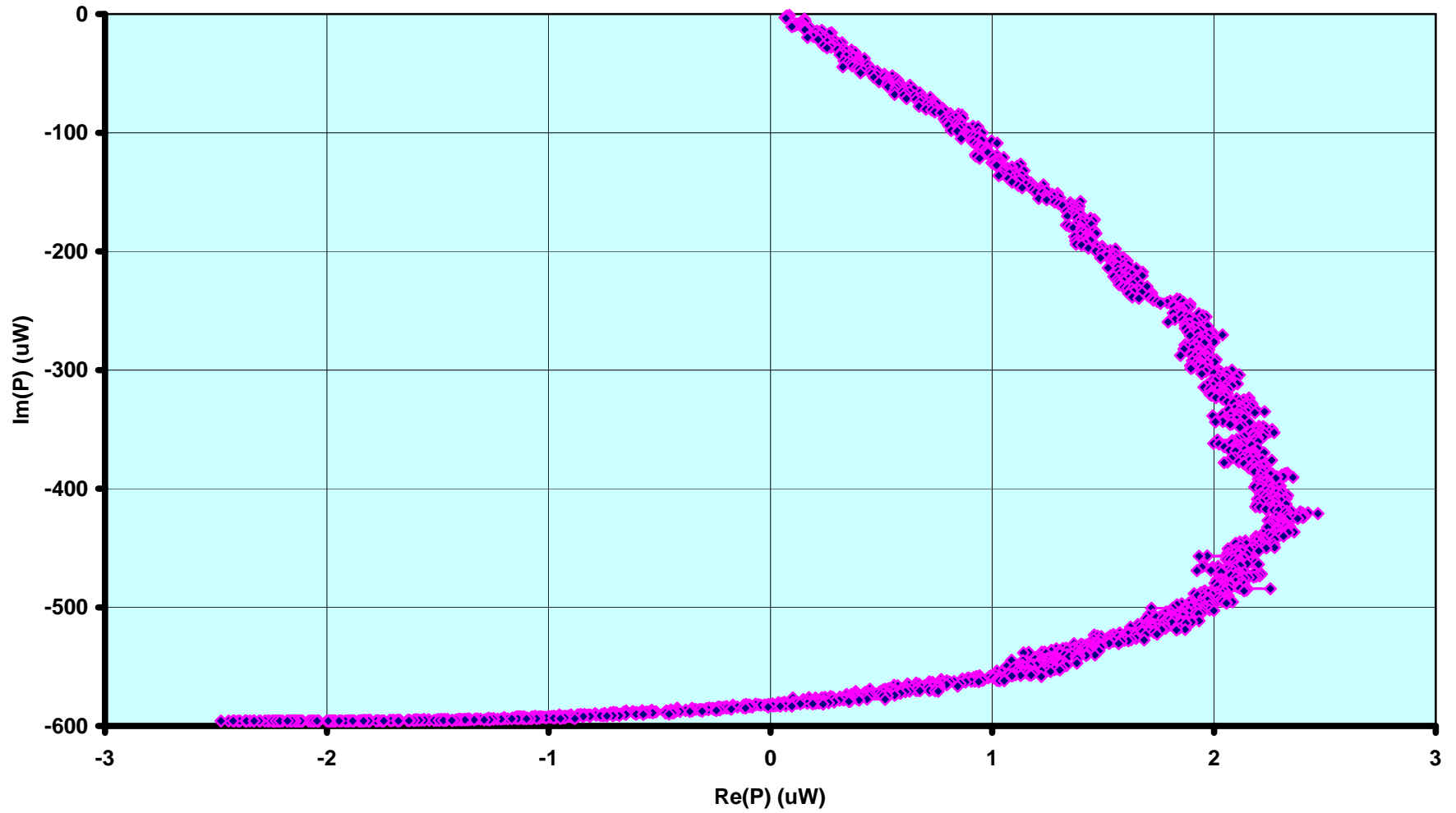
0.05 μ F 600V Astron Capacitor
Phase(P) vs. Frequency {Vfg = 0.6 Volts, CV}
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0.05 uF 600V Astron Capacitor {Vfg = 0.6 Volts}
Power Factor = $100 \cdot \cos(\text{Phase}(P))$ vs. Frequency
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0.05 μ F 600V Astron Capacitor
Im(P) vs. Re(P) {Vfg = 0.6 Volts, CV}
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0.05 uF 600V Astron Capacitor {Vfg = 0.6 Volts}
Power Dissipation, $D_p = 100 \cdot |\text{Re}(P)| / |\text{Im}(P)|$ vs. Frequency
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