



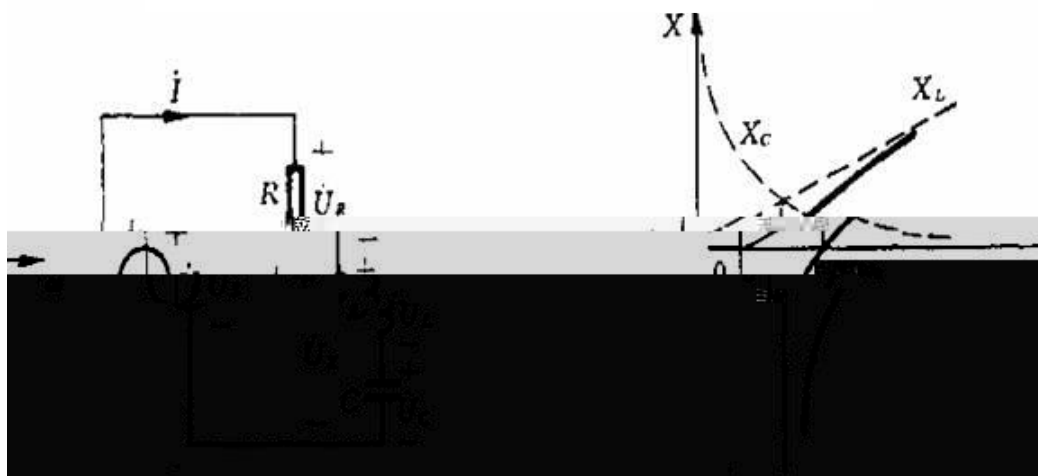
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$$Z = R + j\left(\omega L - \frac{1}{\omega C}\right) = R + j(X_L - X_C) = R + jX$$

$$X(\omega_0) = \omega_0 L - \frac{1}{\omega_0 C} = 0$$



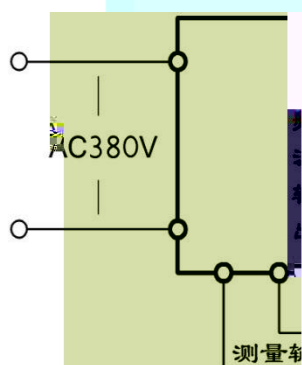
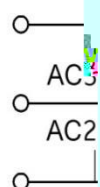
$$Q = \frac{\rho}{R} = \frac{\omega_0 L}{R} = \frac{1}{\omega_0 C R} = \frac{1}{R} \sqrt{\frac{L}{C}}$$

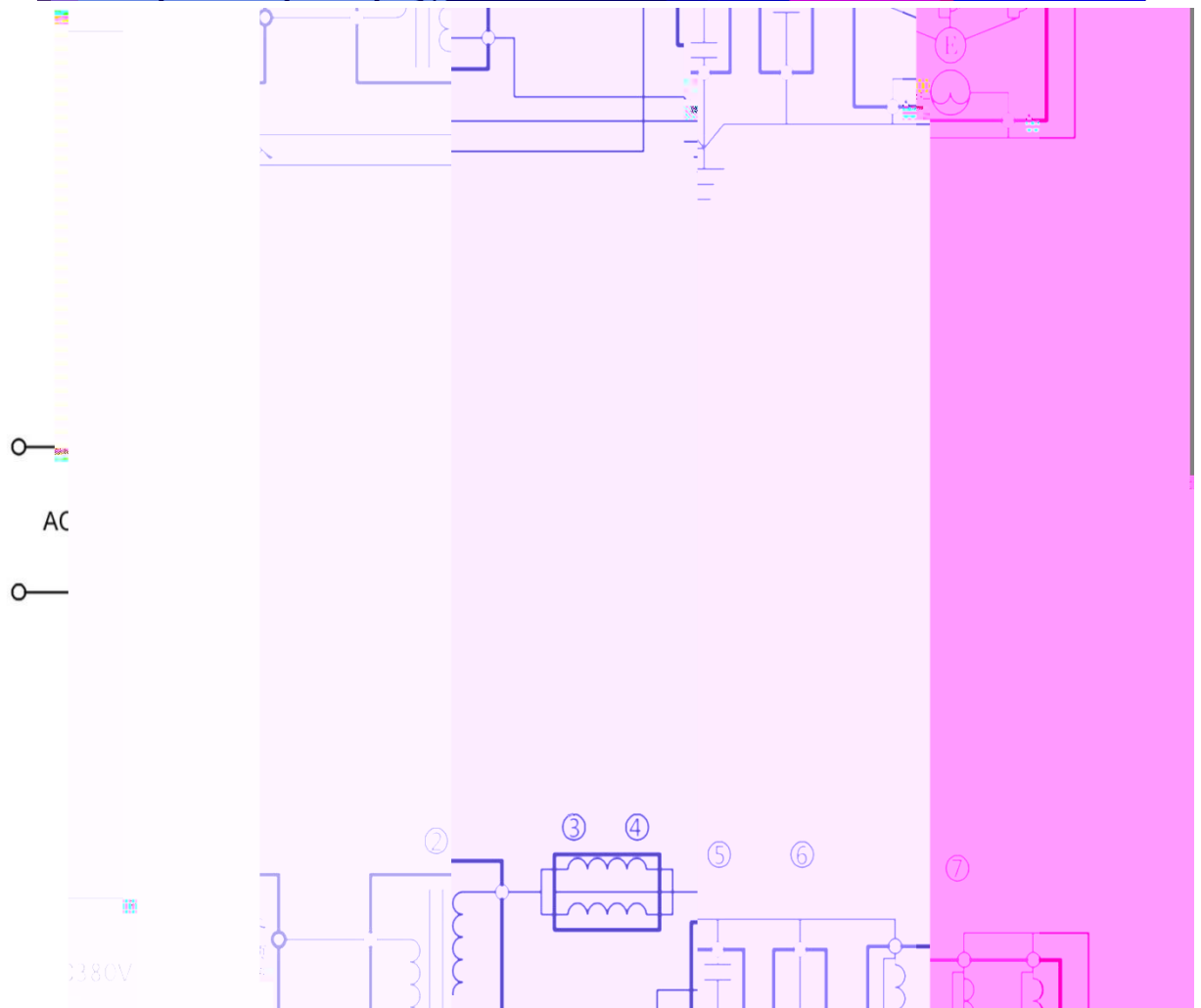
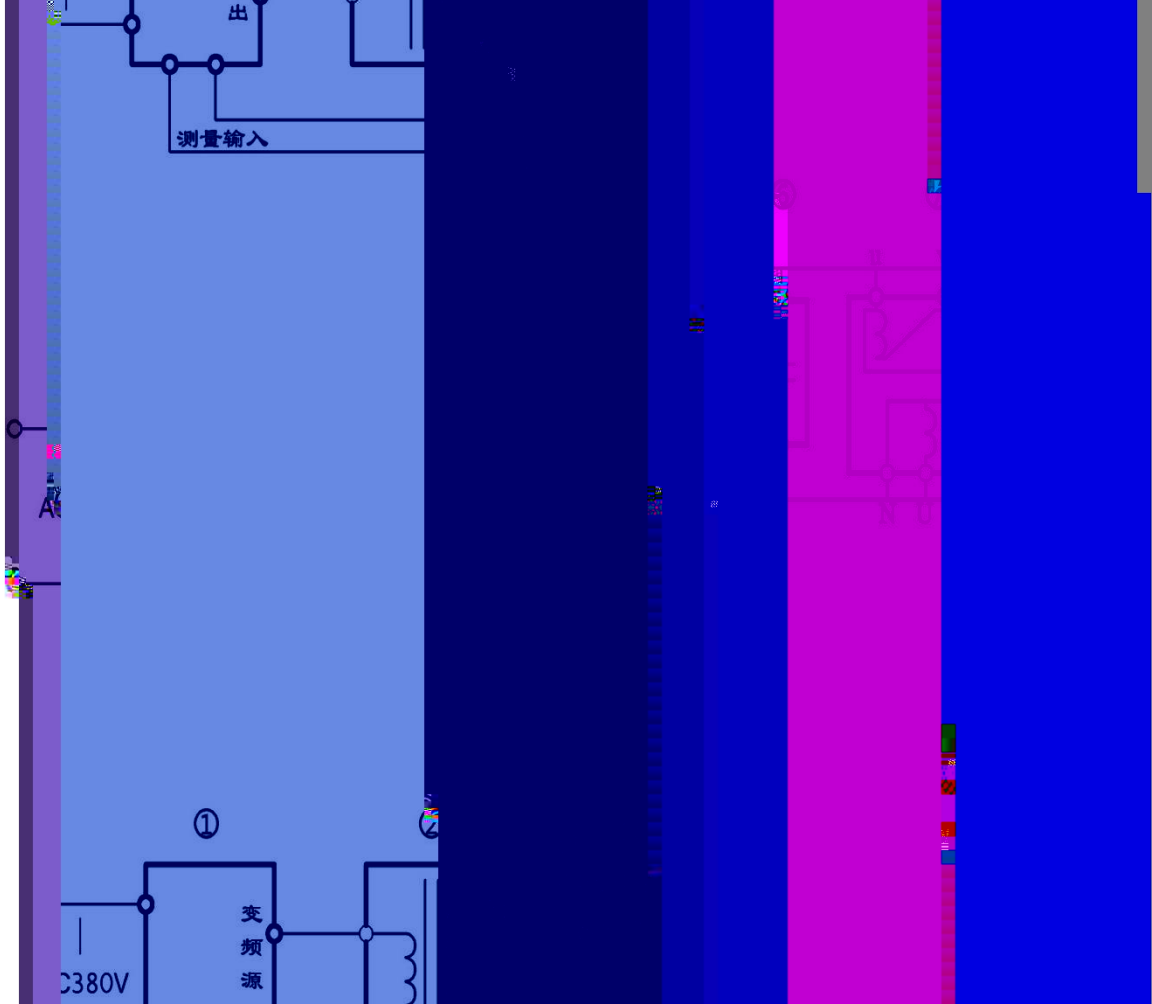
$$U_{RO} = RI_O = U_s$$

$$U_{LO} = j\omega_0 LI_O = j\omega_0 L \frac{U_s}{R} = jQU_s$$

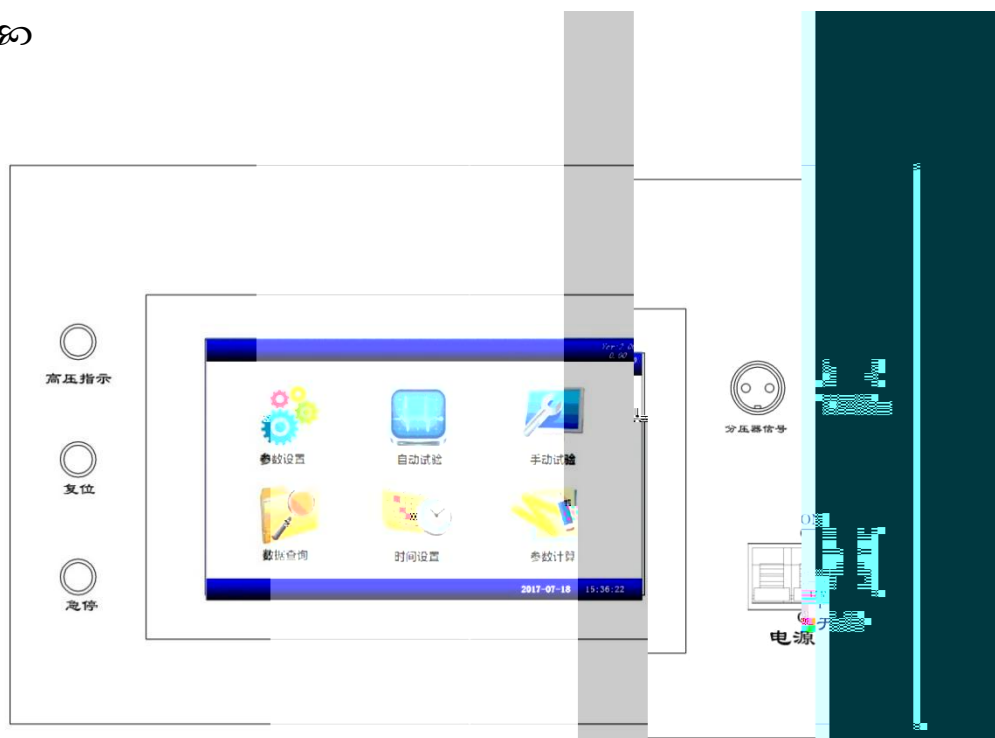
$$U_{CO} = j \frac{1}{\omega_0 C} I_O = -j \frac{1}{\omega_0 C} \frac{U_s}{R} = -jQU_s$$







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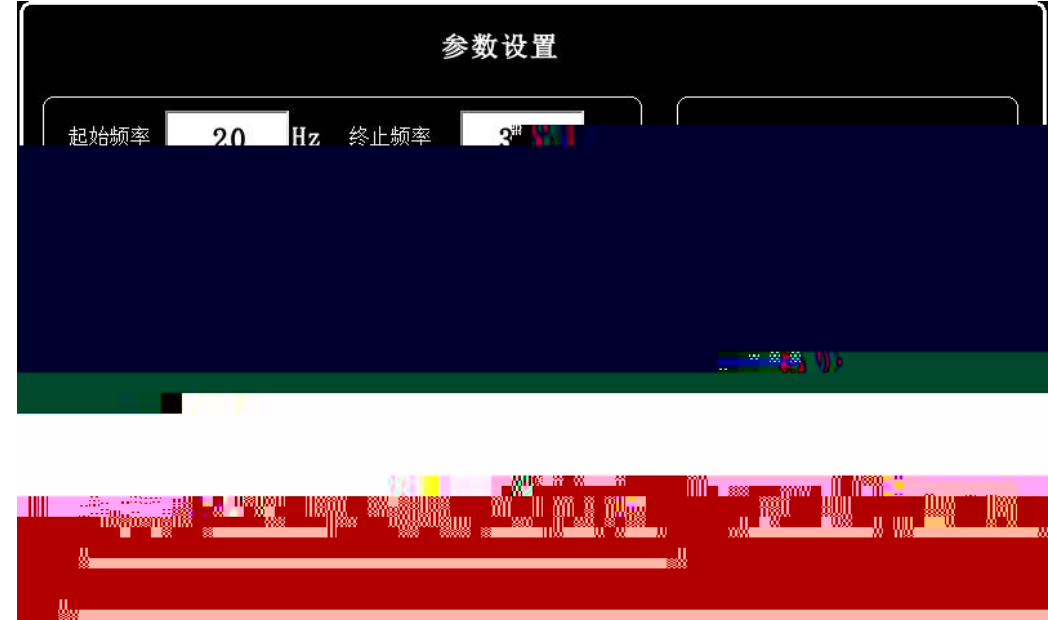
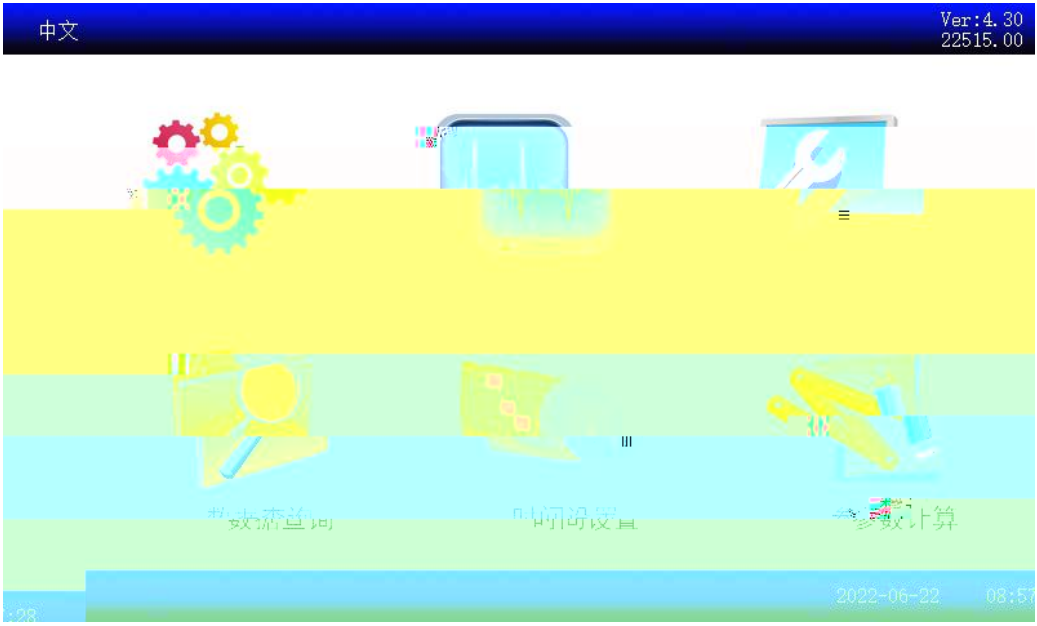
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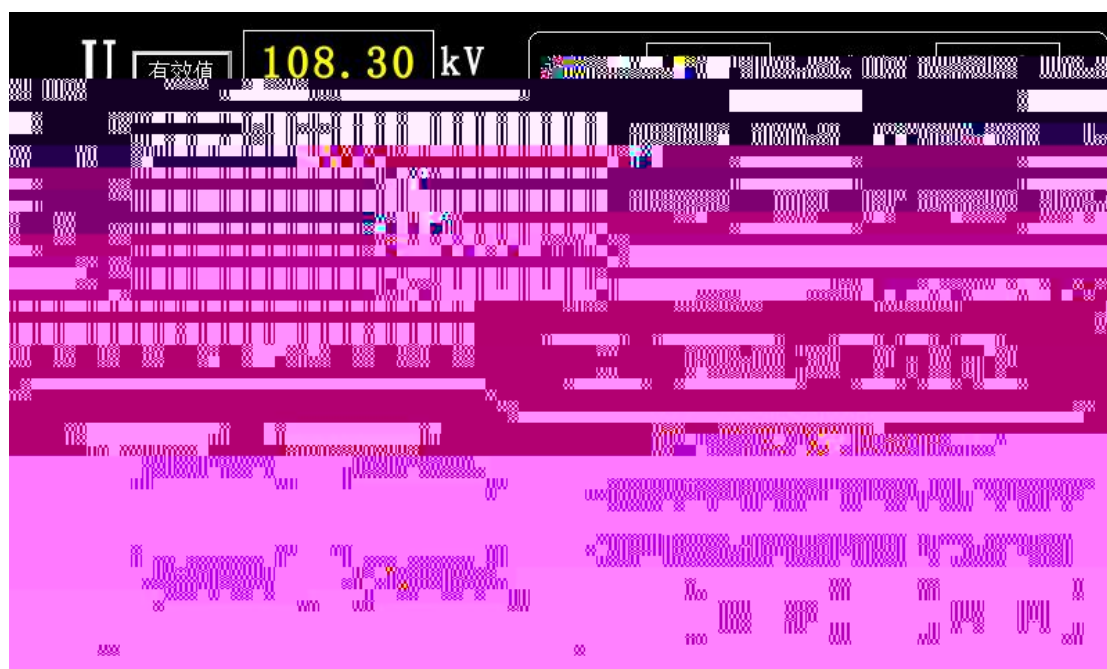
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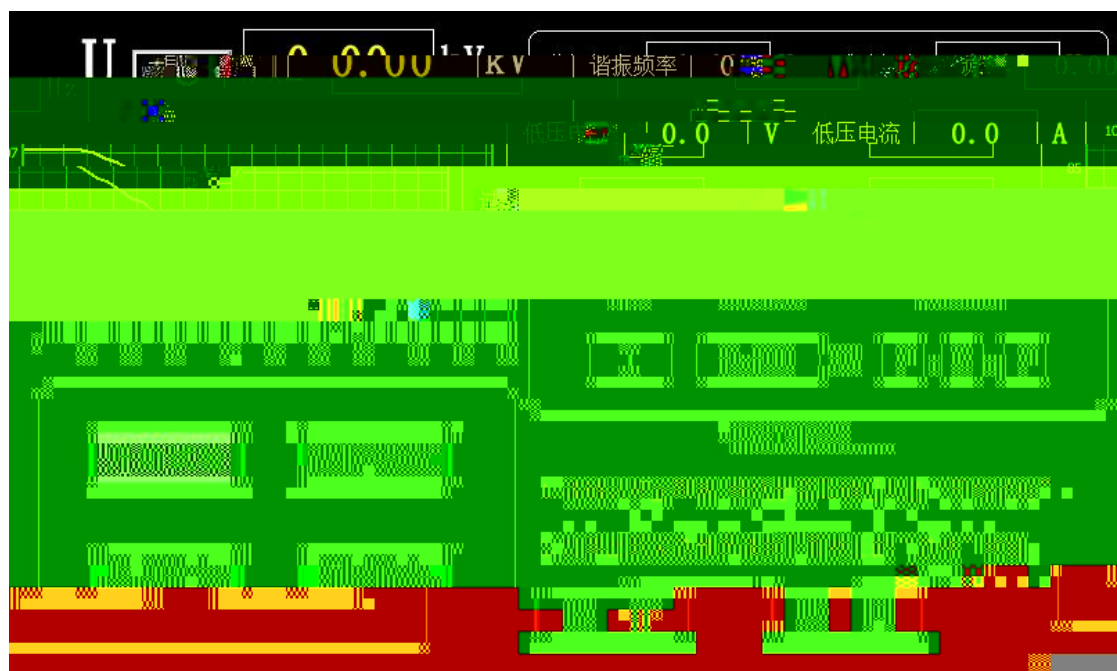
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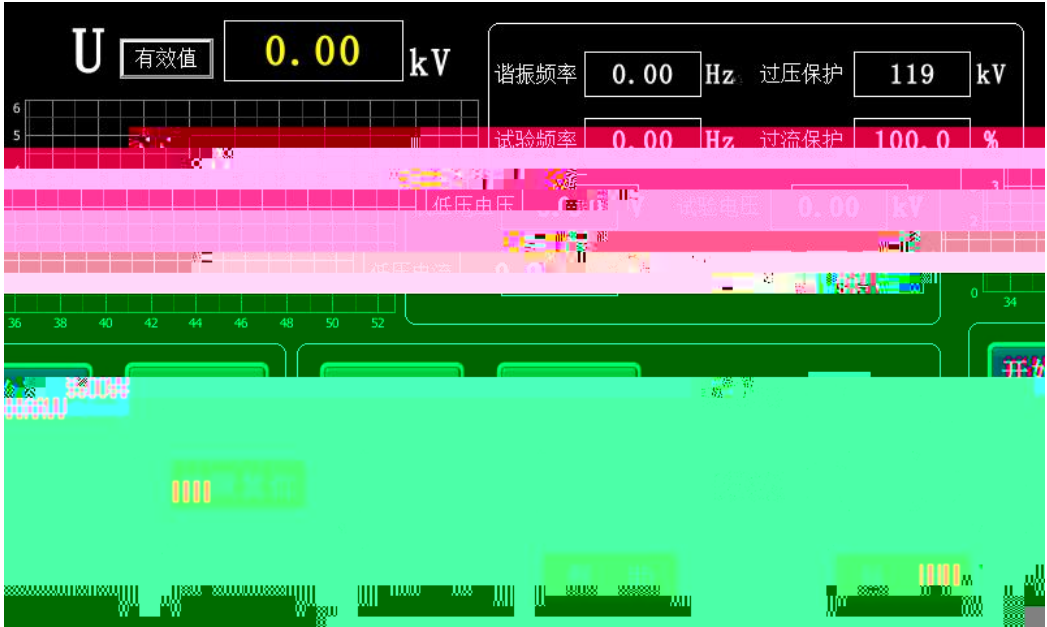
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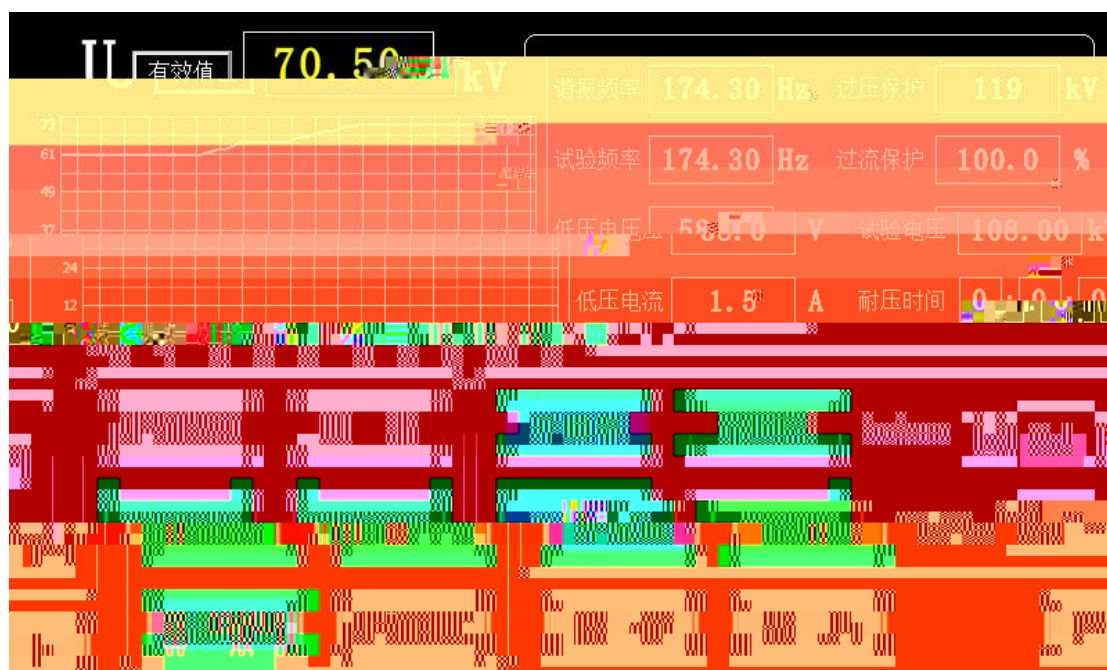
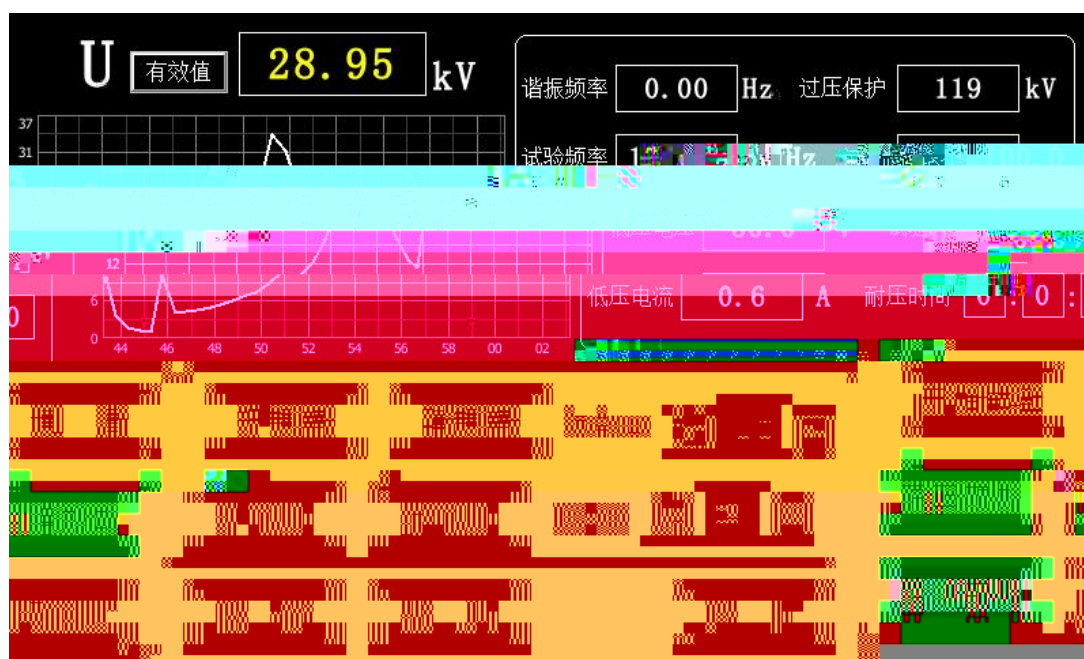


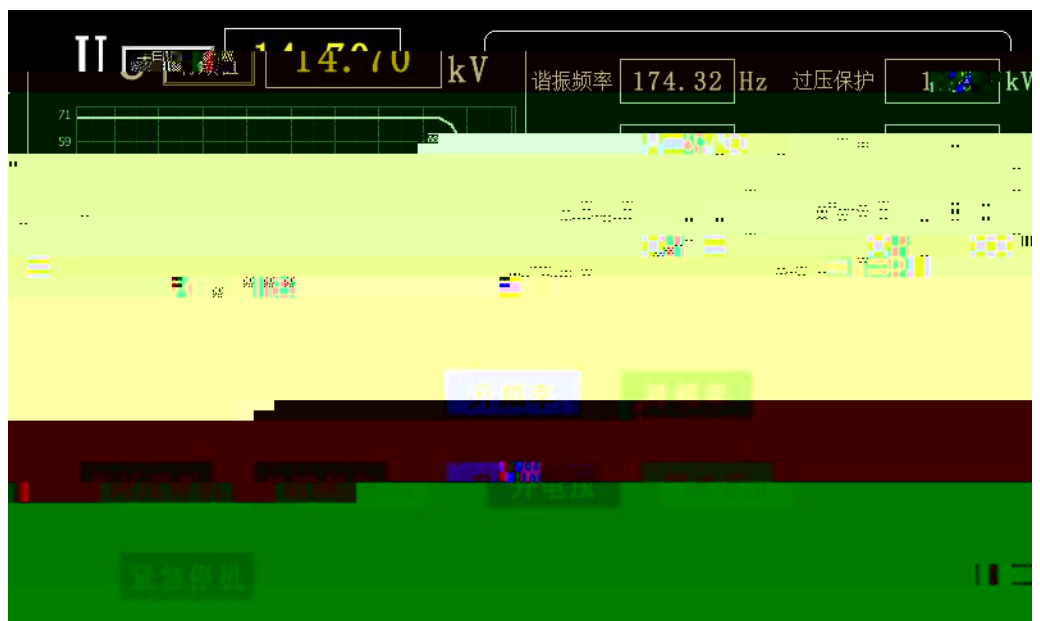
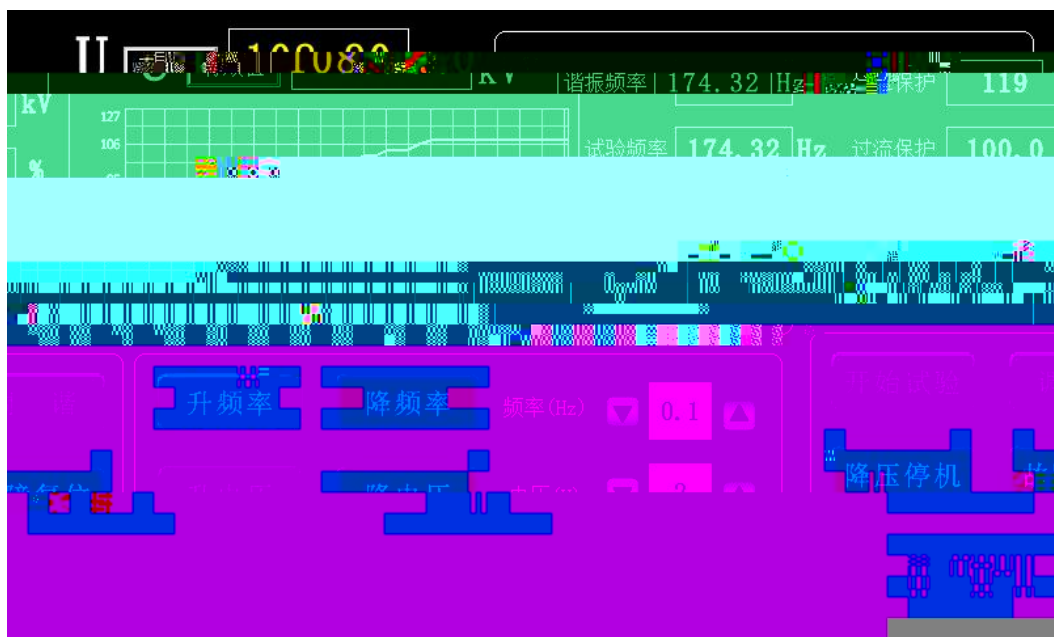


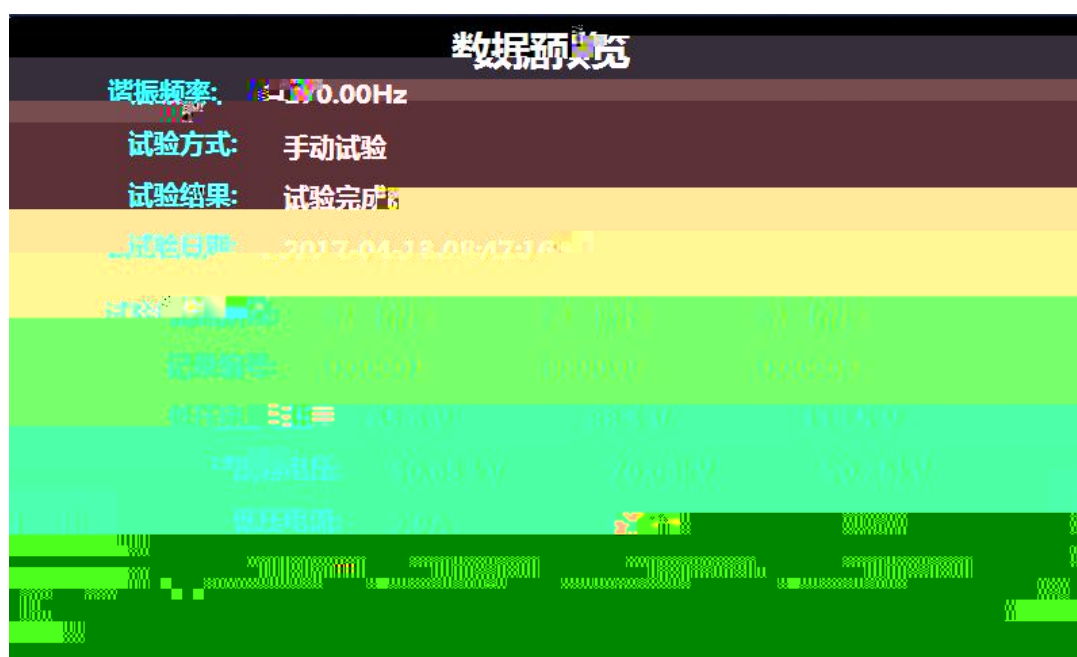
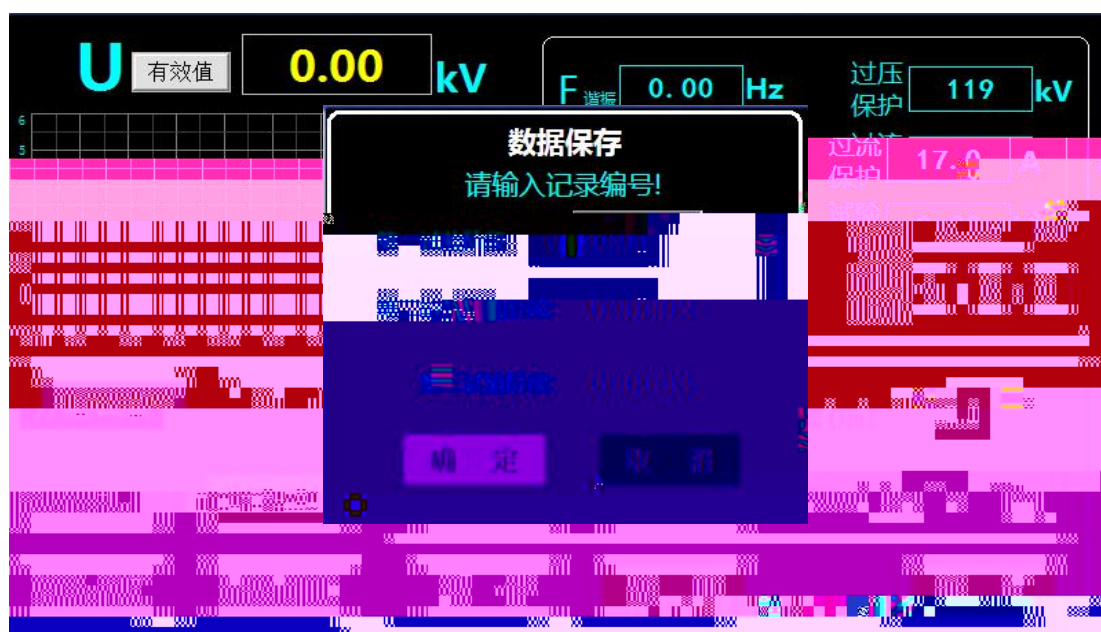


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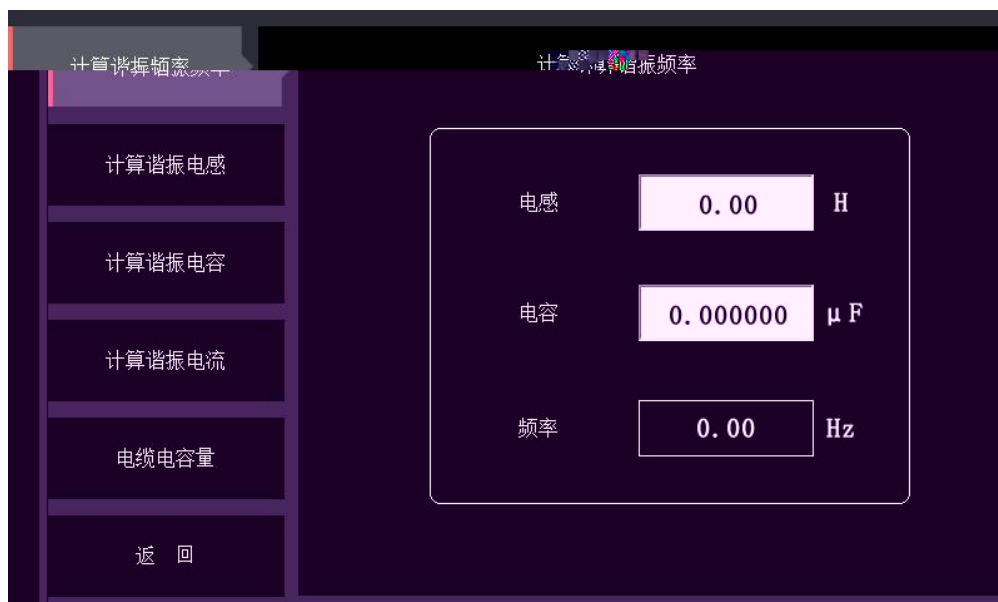


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序号	记录编号	日期时间	3
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2	000002	2017-07-27 16:17:48	
3	000003	2017-07-27 16:17:38	
			清空记录
			当前记录序号
			1
			打开文件
			返回
第一页 上一页 下一页 最后一页			

数据查询	
记录编号:	000001
试验阶段:	第一阶段
试验方式:	自动试验
试验结果:	试验完成
谐振频率:	170.00Hz
低压电压:	~63.8V
试验电压:	50.05 kV
低压电流:	2.9A
耐压时间:	1时0分0秒
试验日期:	2017-04-13 08:47:16
打印	
返回	



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计算谐振频率

计算谐振电感

计算谐振电容

计算谐振电流

计算谐振频率

电感

25.00

H

电容

0.194500

μ F

计算谐振频率

计算谐振电感

计算谐振电容

计算谐振电流

计算谐振电感

频率

72.18

Hz

电容

0.194500

μ F

电感

25.00

H

电缆电容量

返回

