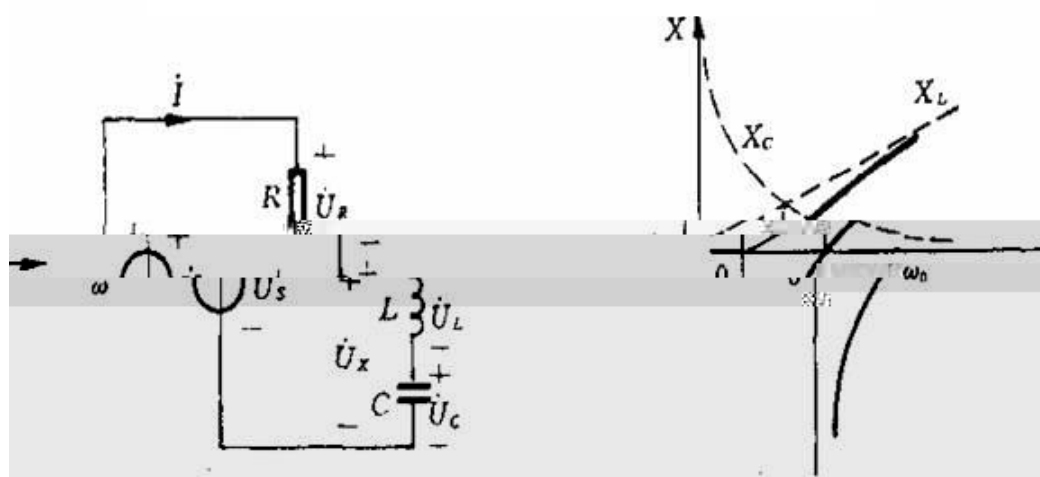




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$$Z = R + j\left(\omega L - \frac{1}{\omega C}\right) = R + j(X_L - X_C) = R + jX$$

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

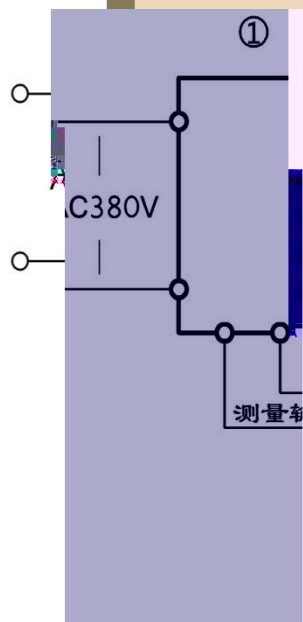
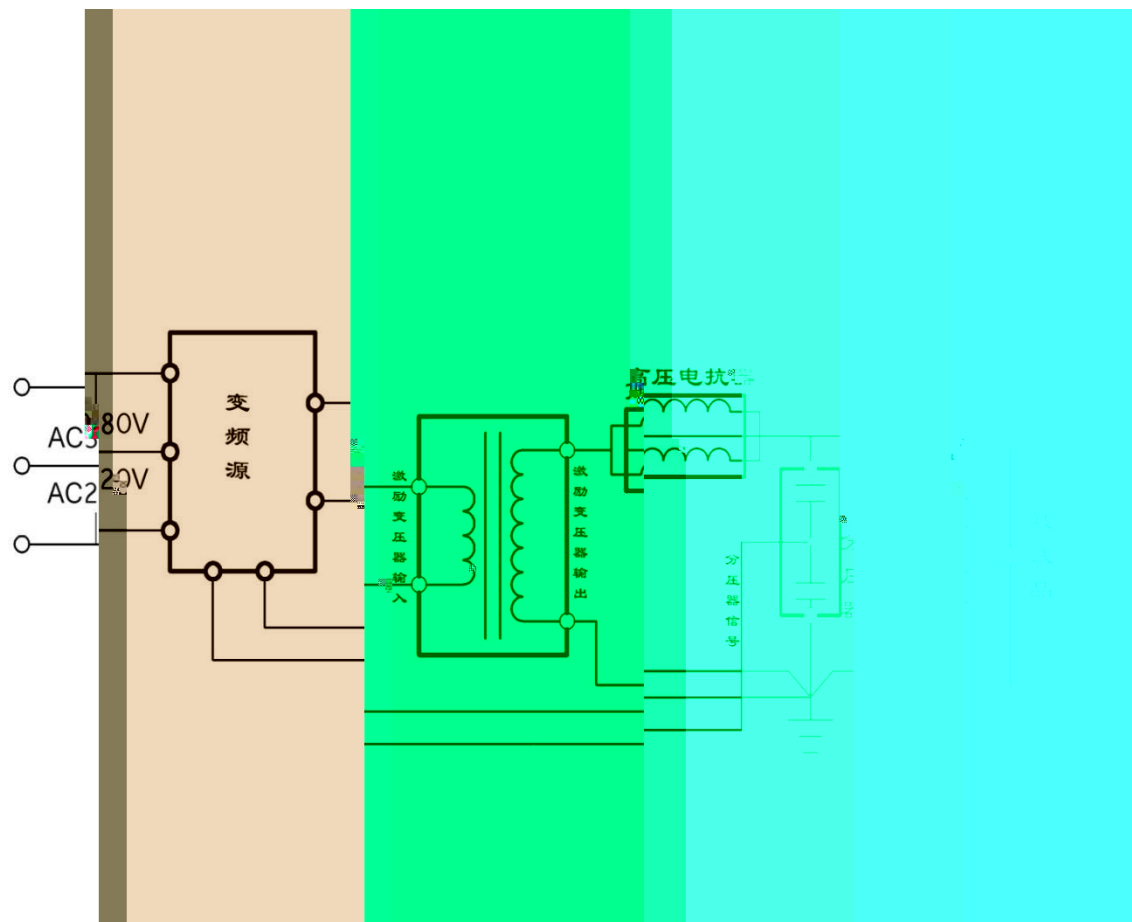


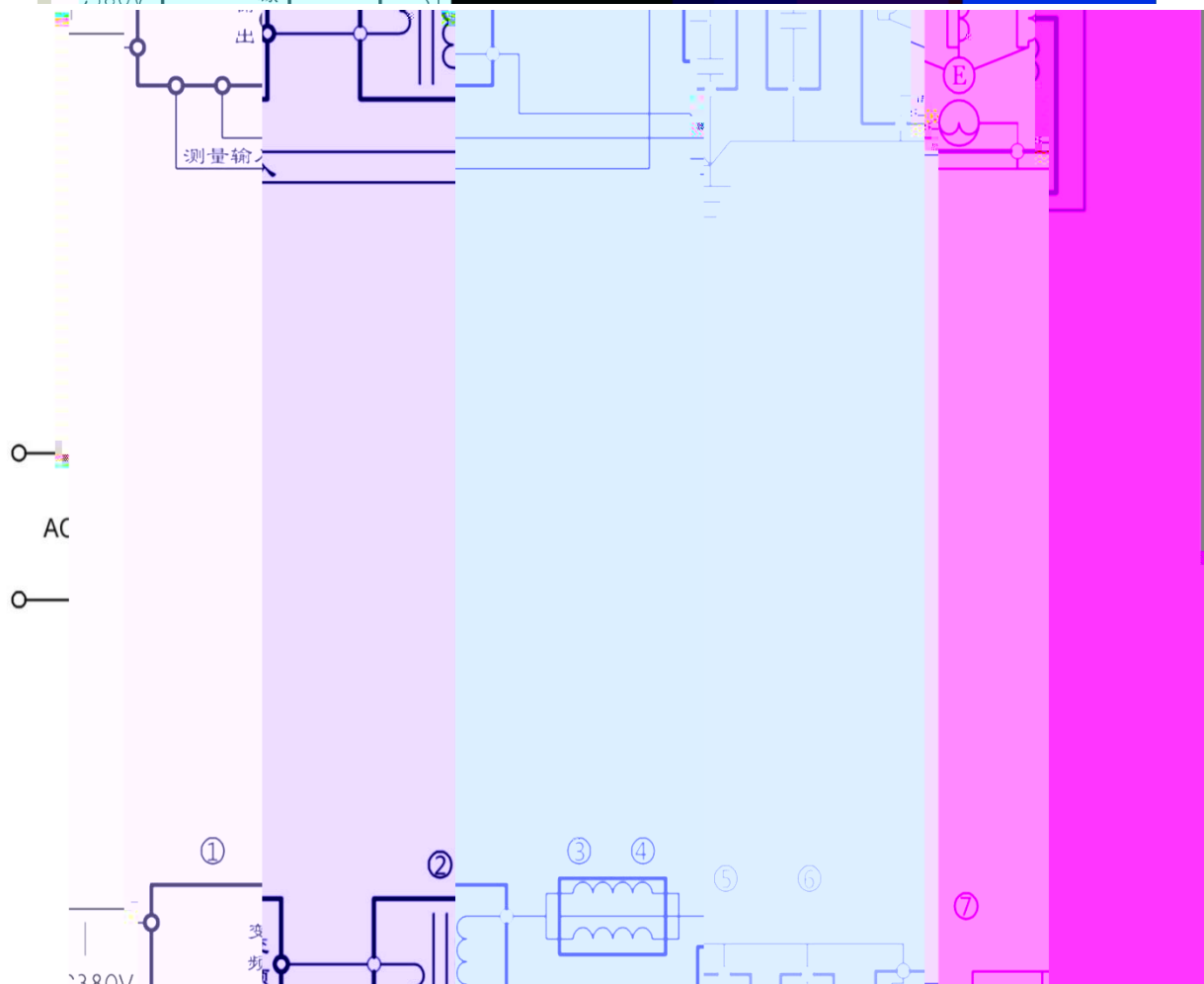
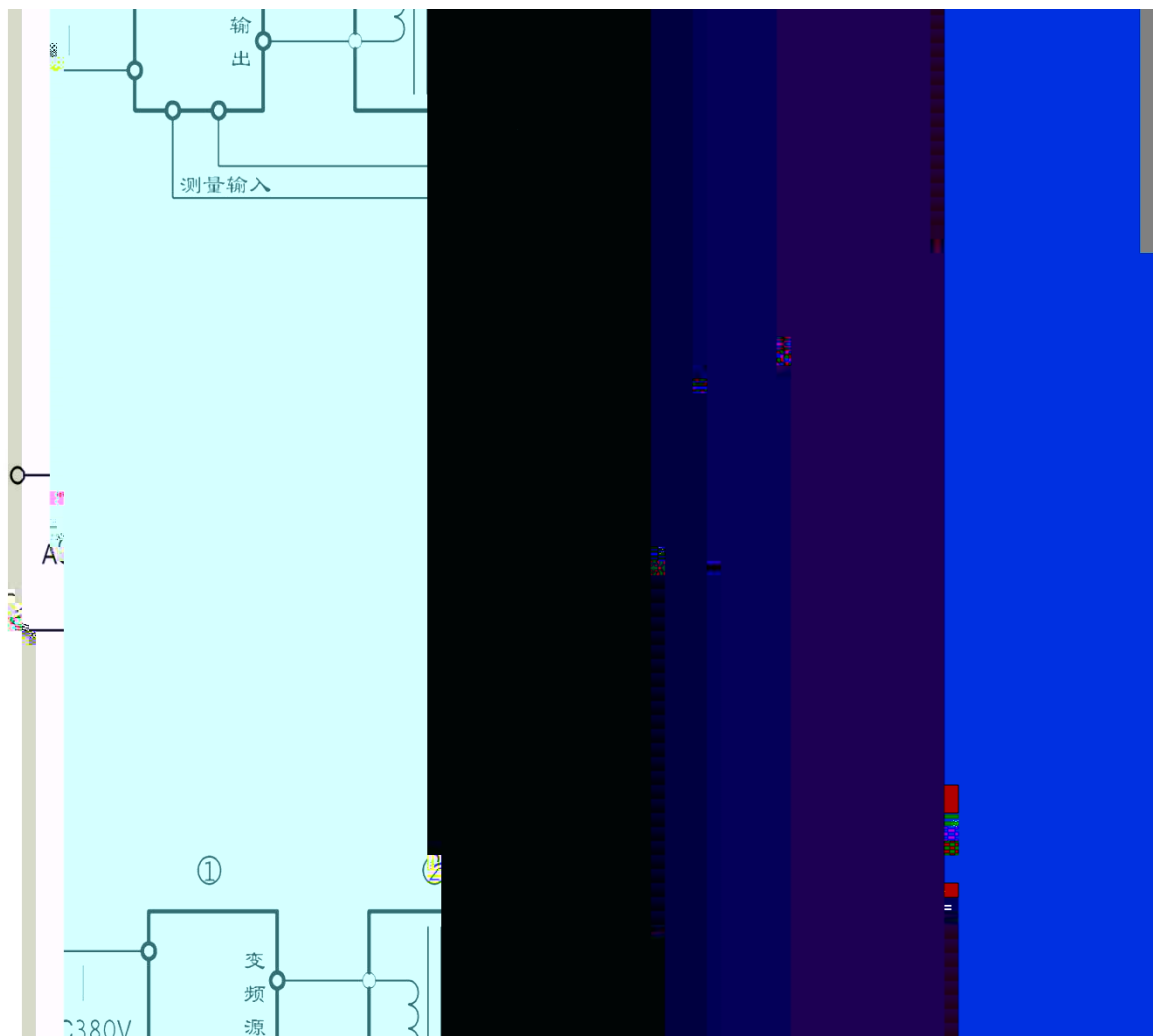
$$Q = \frac{\rho}{R} = \frac{\omega_0 L}{R} = \frac{1}{\omega_0 C R} = \frac{1}{R} \sqrt{\frac{L}{C}}$$

$$U_{RO} = RI_O = U_S$$

$$U_{LO} = j\omega_0 LI_O = j\omega_0 L \frac{U_S}{R} = jQU_S$$

$$U_{CO} = j \frac{1}{\omega_0 C} I_O = -j \frac{1}{\omega_0 C} \frac{U_S}{R} = -jQU_S$$





80



80

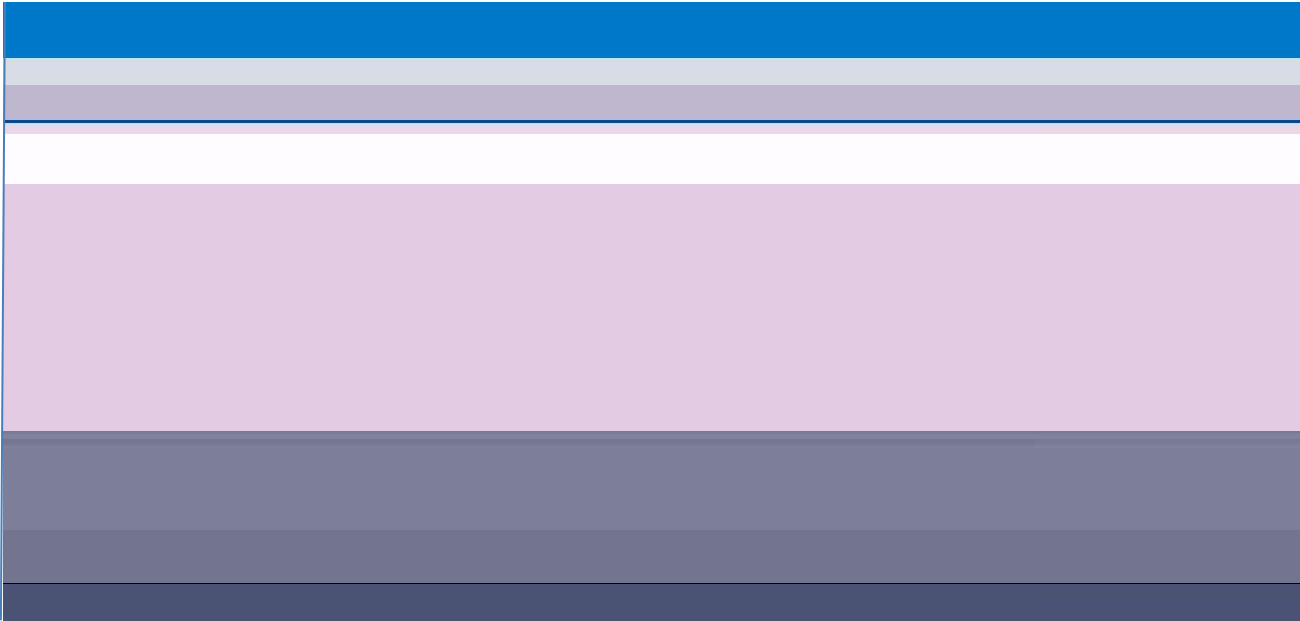
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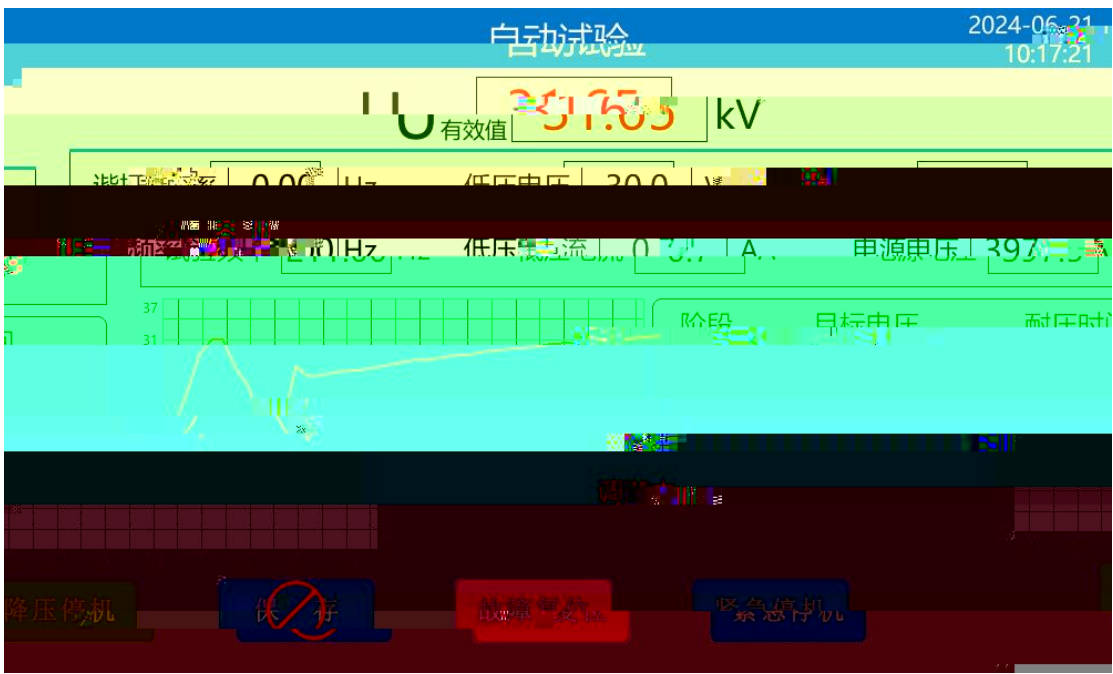
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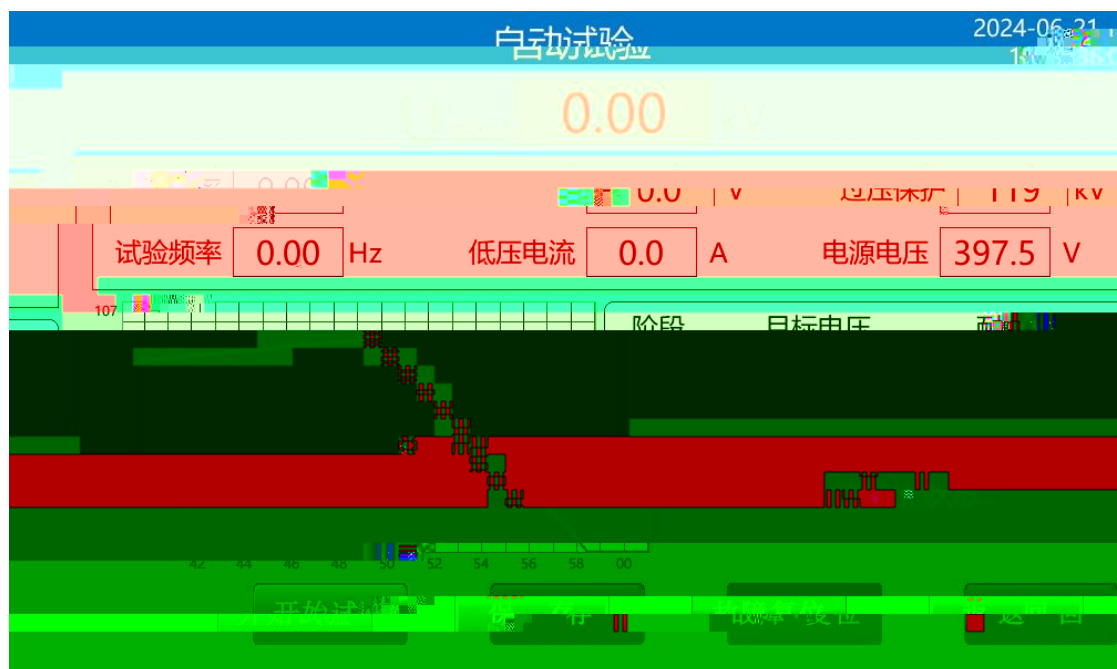
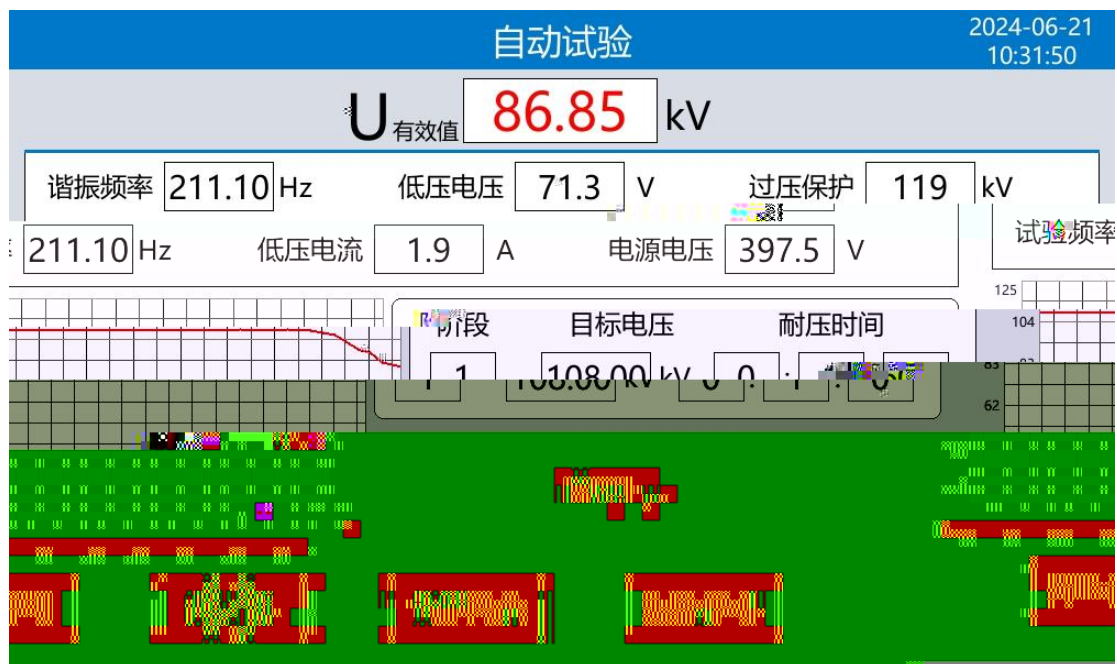
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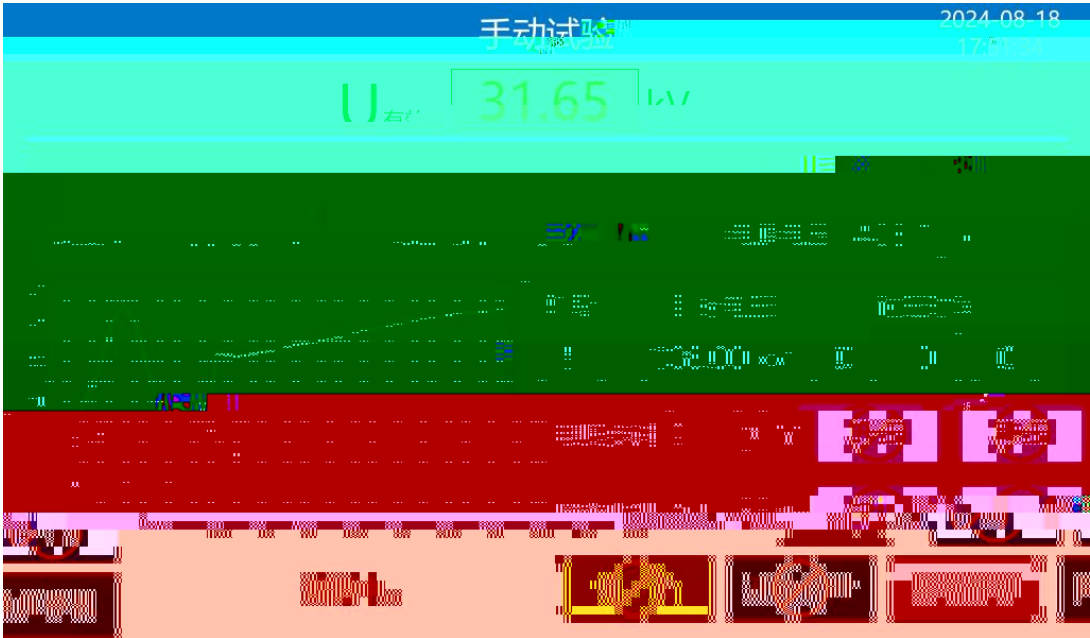
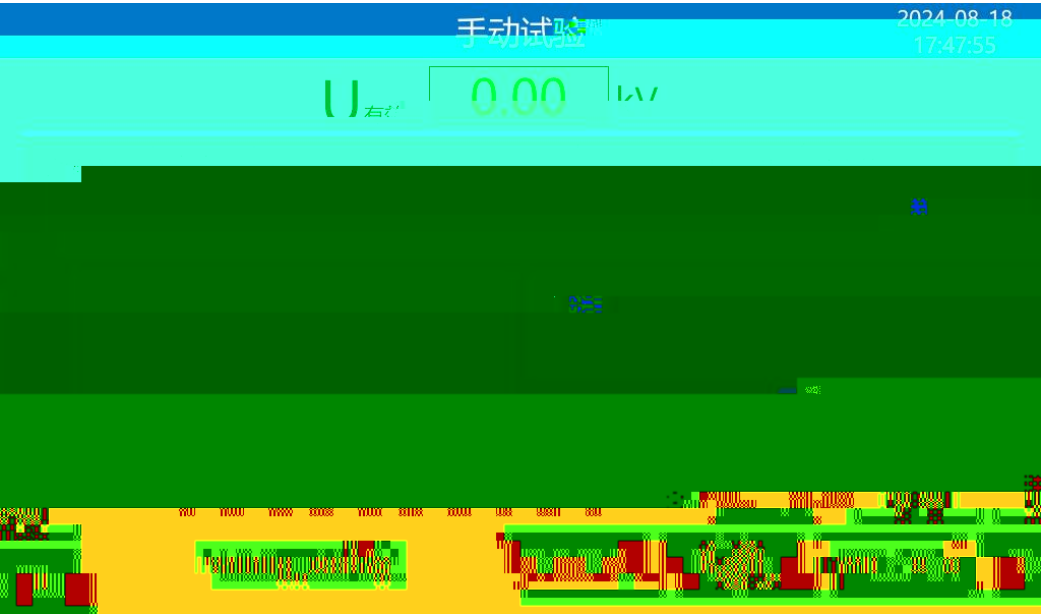
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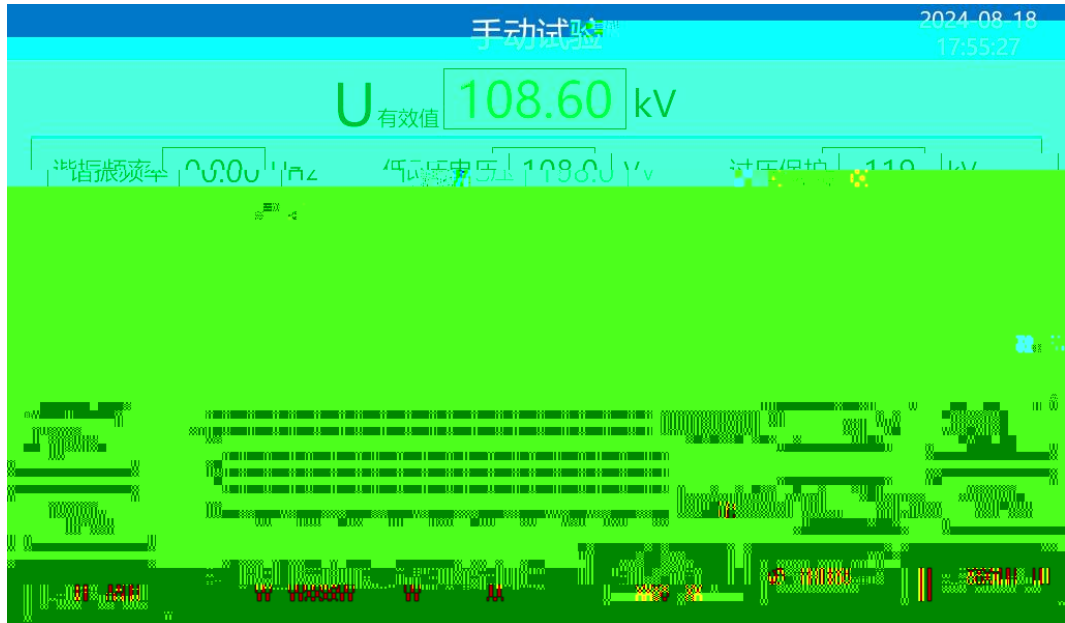
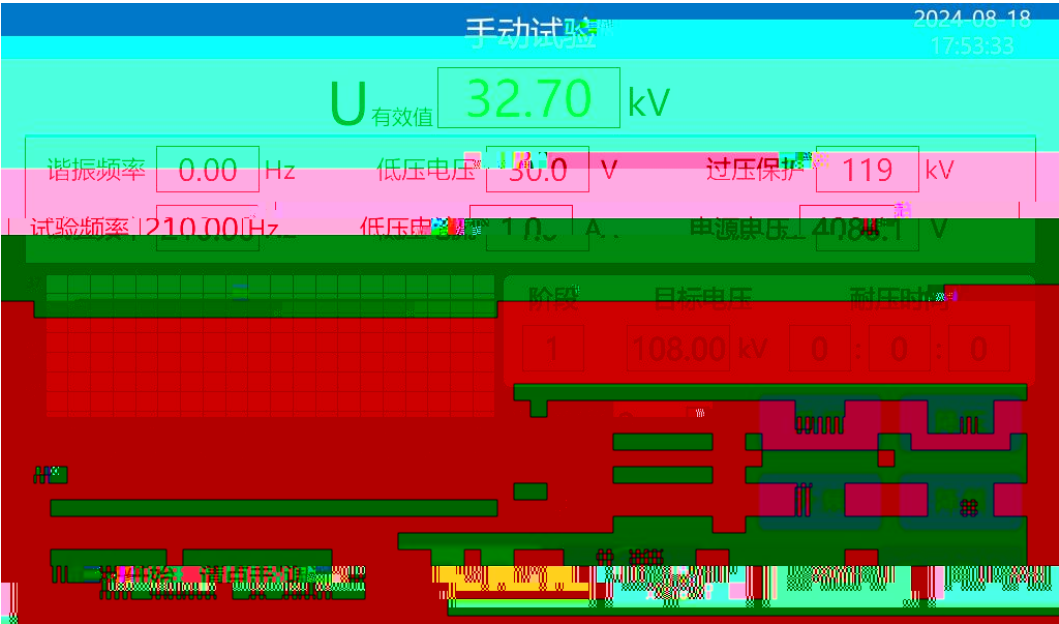
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手动试验

2024-06-21 10:54:04

11

0.00

kV

数据保存

谐振频率

0.00

Hz

试验频率

0.00

Hz

请输入记录编号!

第一试验阶段:

000002

保护

119

kV

耐压

397.5

V

耐压时间

0

:

0

:

0

确定

取消

升压

降压

升压

降压

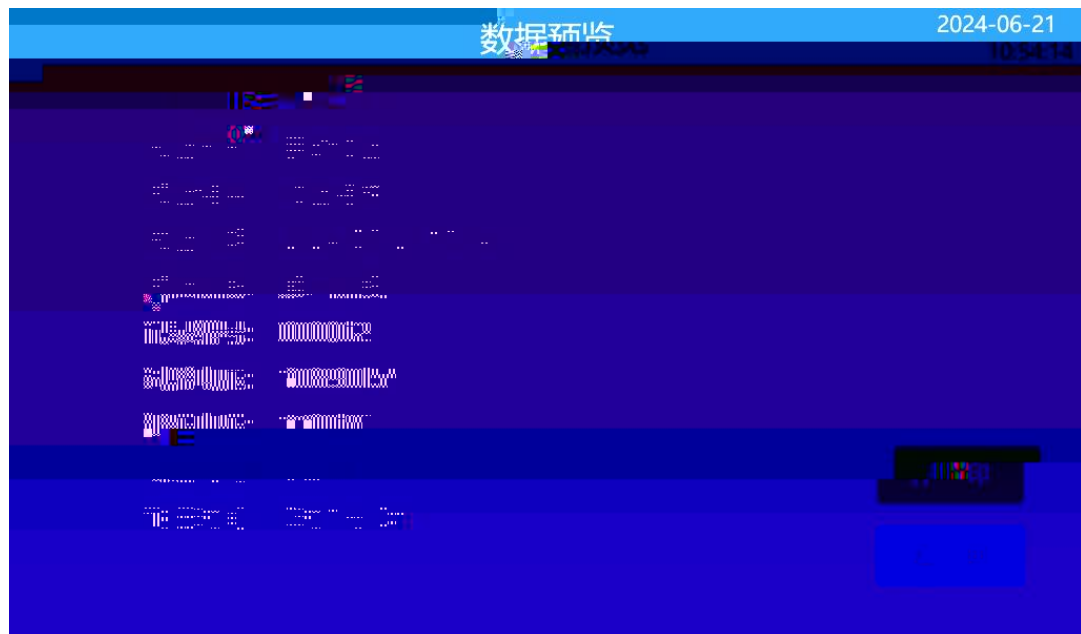
设备状态

开始试验

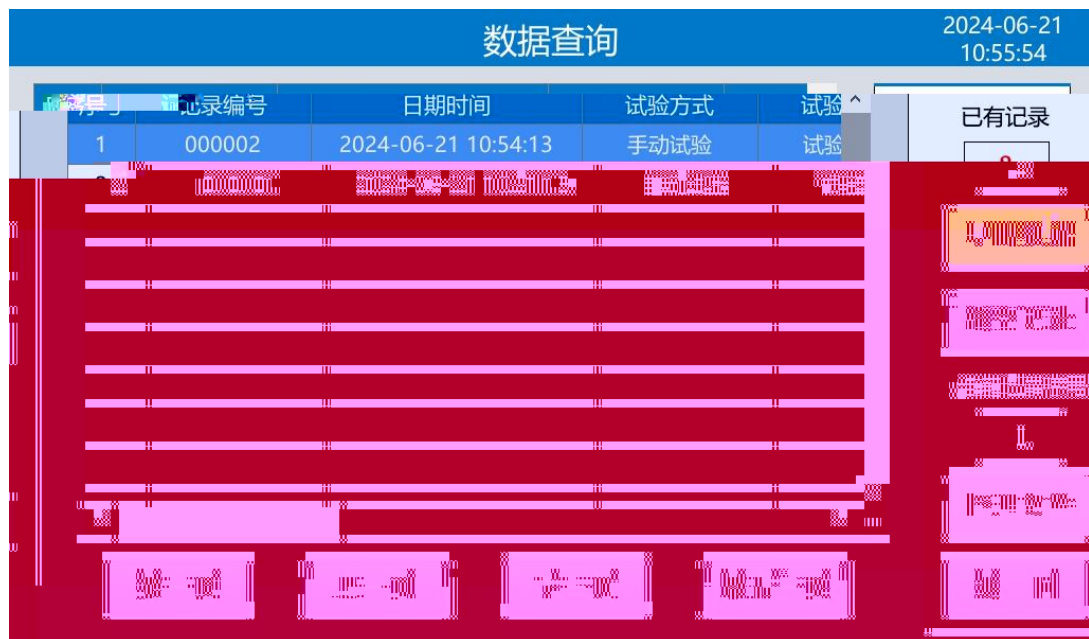
保存

故障复位

返回



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记录查询

2024-06-21 10:56:11

记录编号: 000002

试验阶段: 第一阶段

试验方式: 手动试验

试验结果: 试验完成

谐振频率: 0.00Hz

试验电压: 108.90kV

低压电压: 110.0V

低压电流: 2.2A

耐压时间: 9分54秒

试验日期: 2024-06-21 10:54:13

打印

返回

数据查询

2024-06-21 10:55:54

记录编号

日期时间

试验方式

试验

1

000002

试验

已有记录

提示

数据已经成功保存!

确定

计算谐振频率

2024-06-21
16:37:07

电感

0.00

H

电容

0.000000

μF

频率

0.00

Hz

计算谐振频率

2024-06-21
10:02:30

电感

50.00

H

电容

0.000000

μF

计算谐振电容

2024-06-31-16

11:32

频率50.33 Hz

电容0.200000 μ F

电感50.00 H

谐振频率

谐振电感

谐振电容

谐振电流

电缆电容量

返回

计算谐振电容

2024-06-2116:41:37

谐振频率

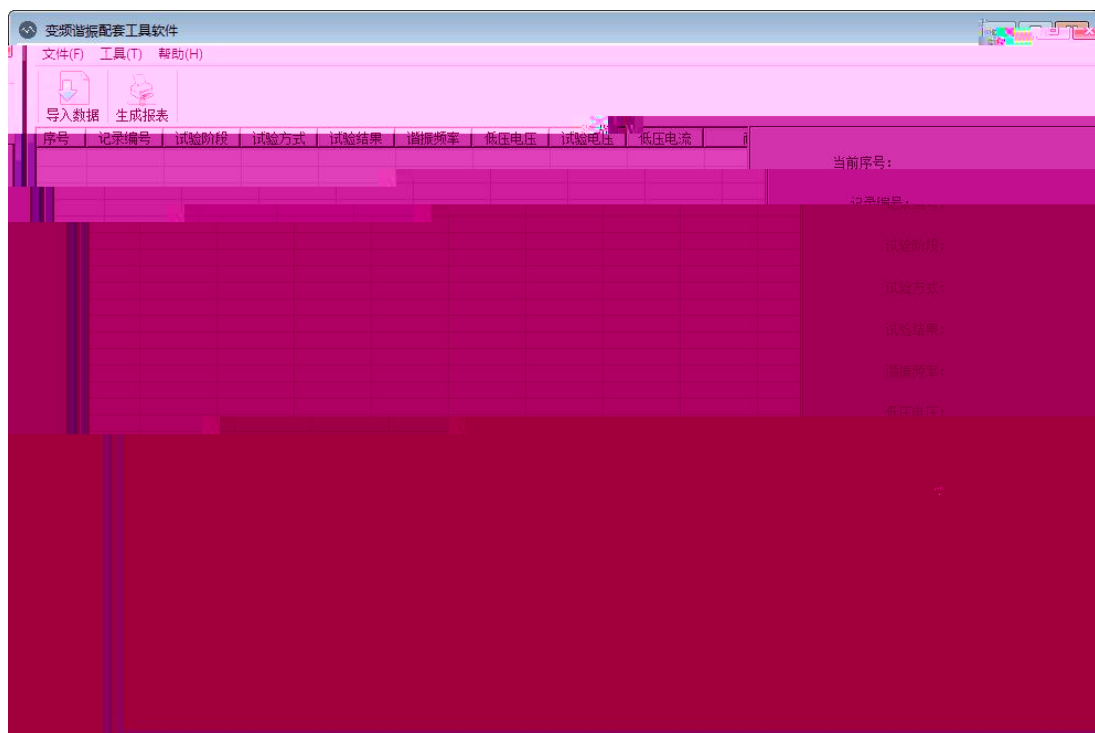
谐振电感

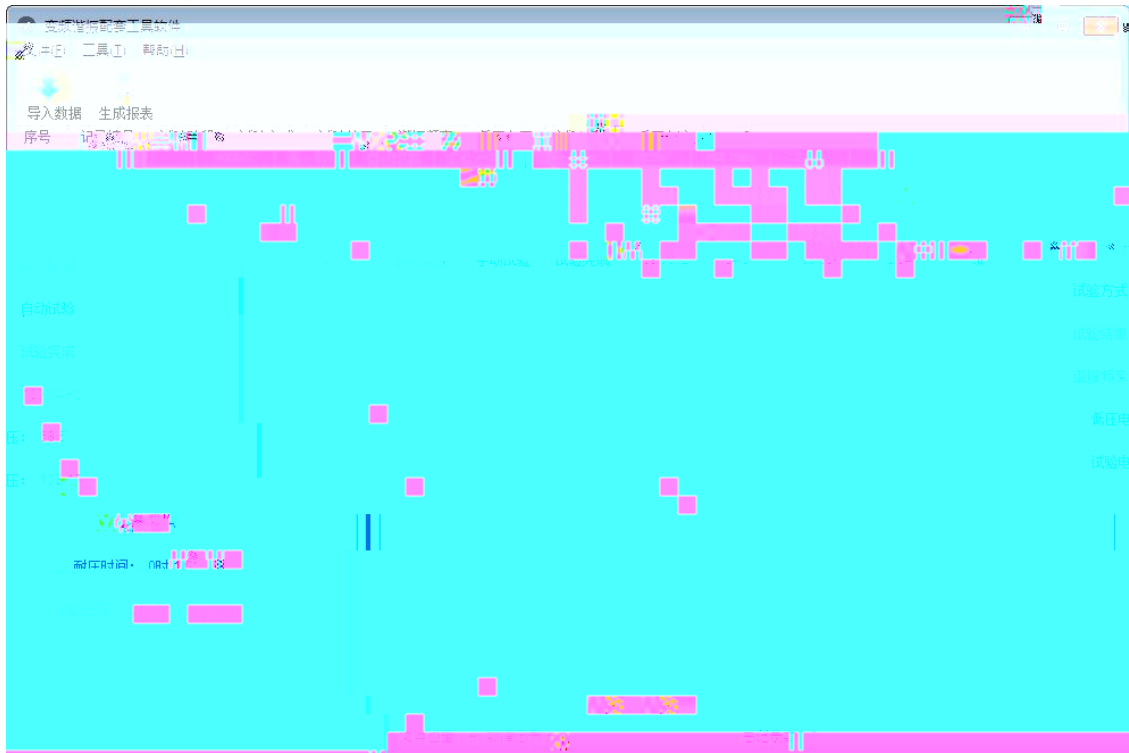
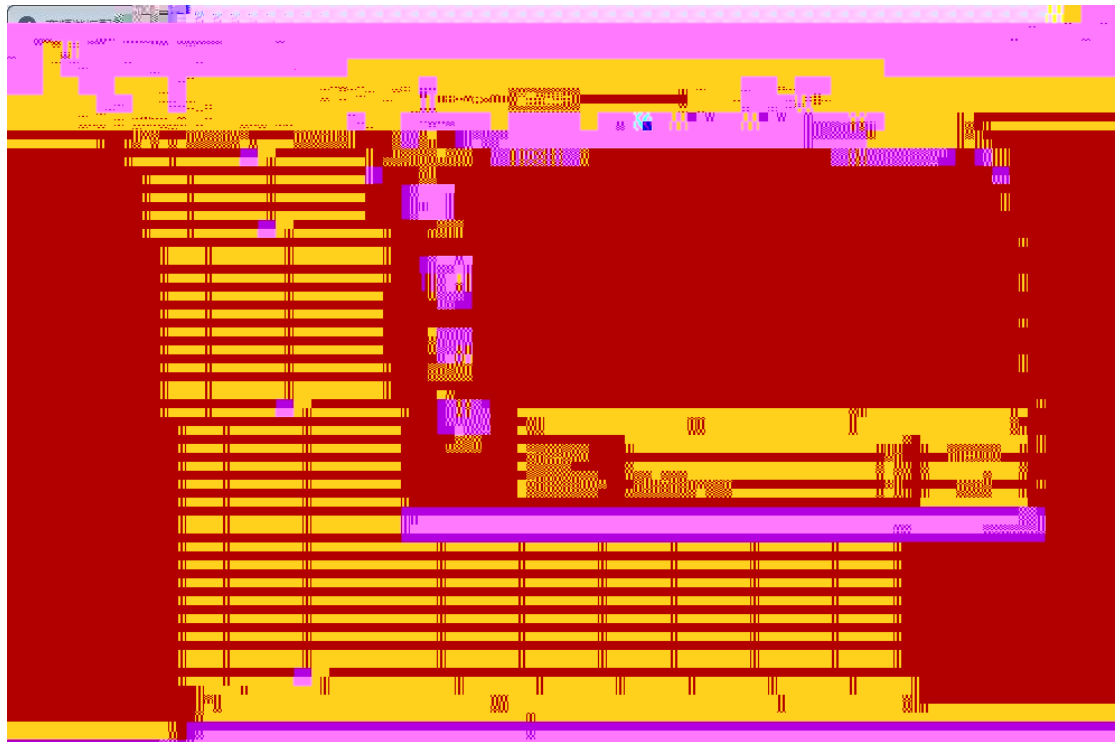
谐振电流

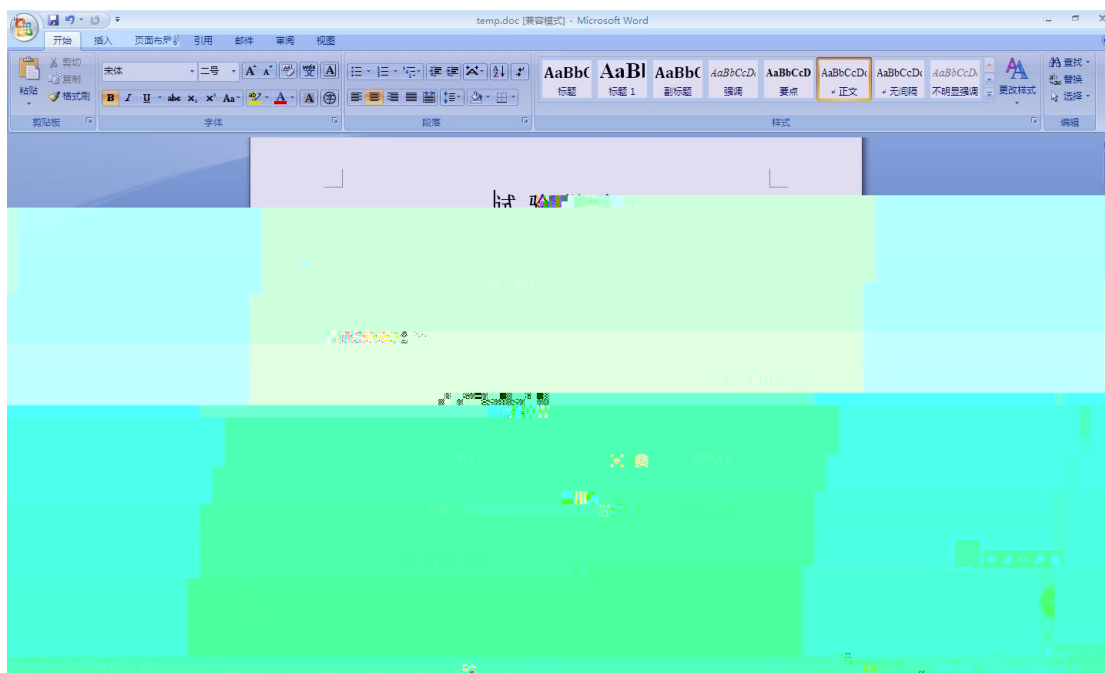
谐振电压

电缆电容量

返回







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