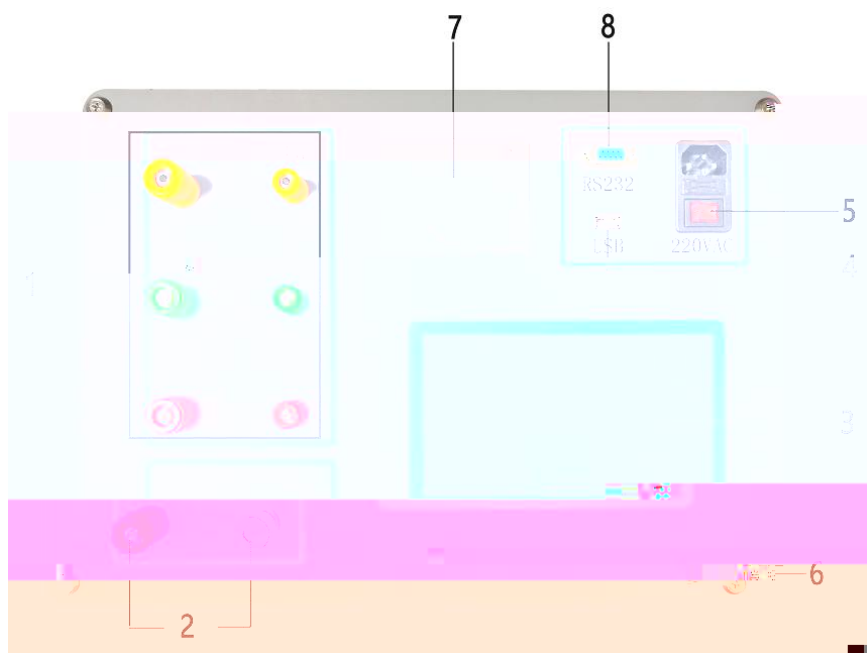
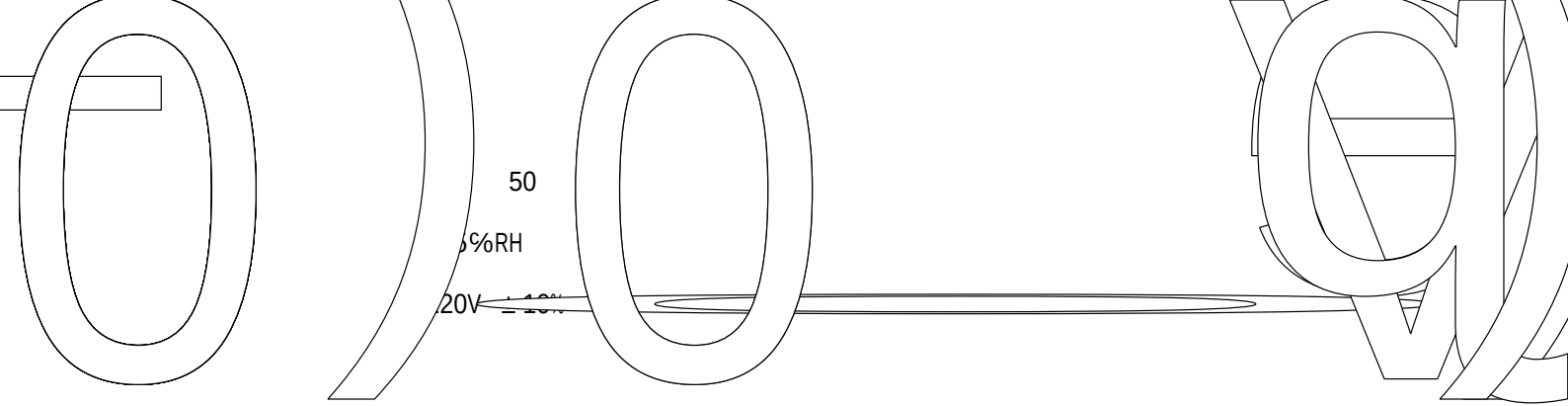


M

	.....	4
	.....	4
1.	.....	4
2.	.....	4
	.....	5
	.....	5
1.	.....	5
2.	.....	10
	.....	26
	.....	27
	.....	27

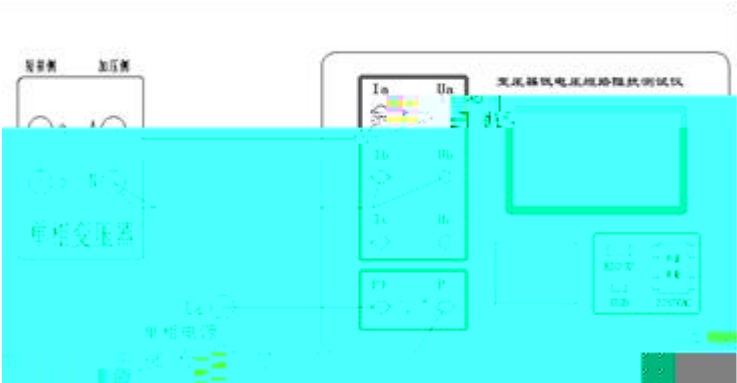


1)

P+ P-

“ ” “ ”

“ ”



PT CT

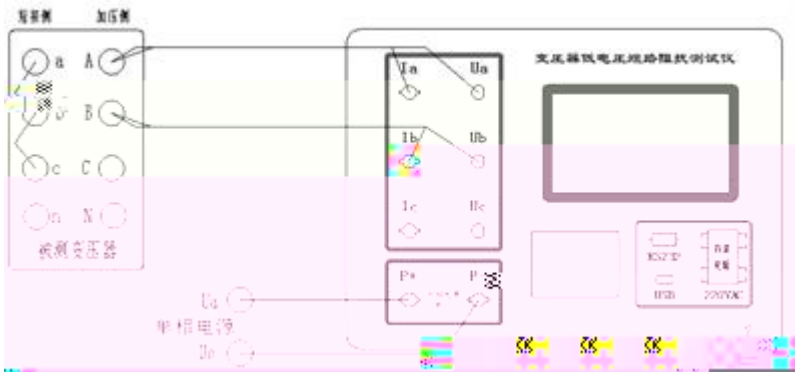
2)

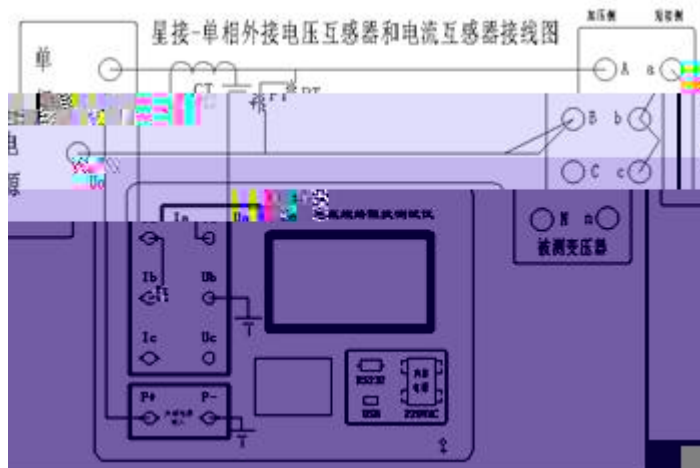
a)

Ua Ia Ub Ib

AB BC CA

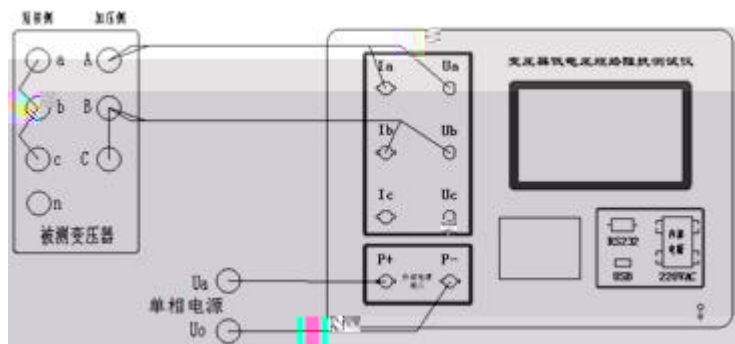
Y d Y y



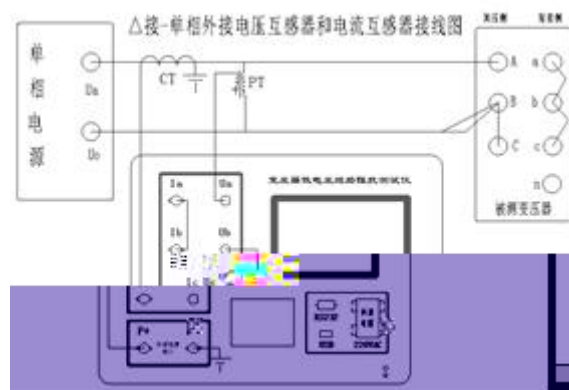


- PT CT

D y



-



- PT CT

b)

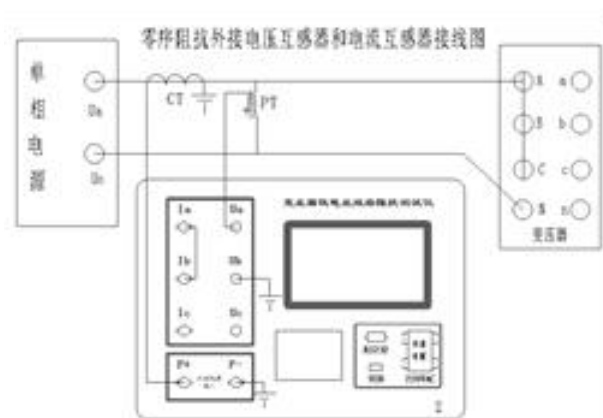
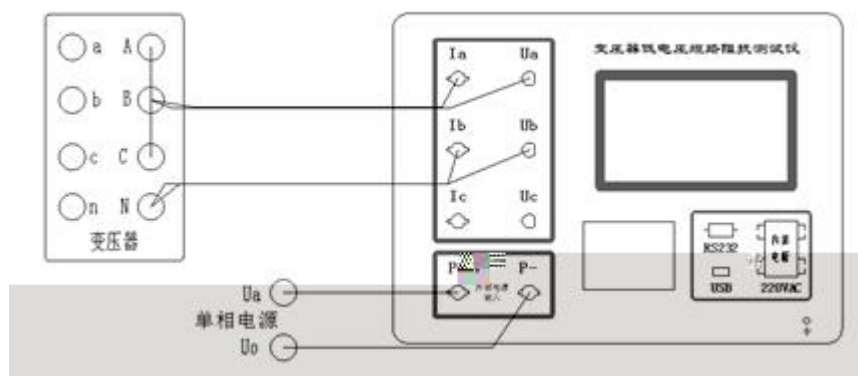
Y

ABC



3)

Ua Ia Ub Ib N P+ P-
 “ ” “ ”



PT

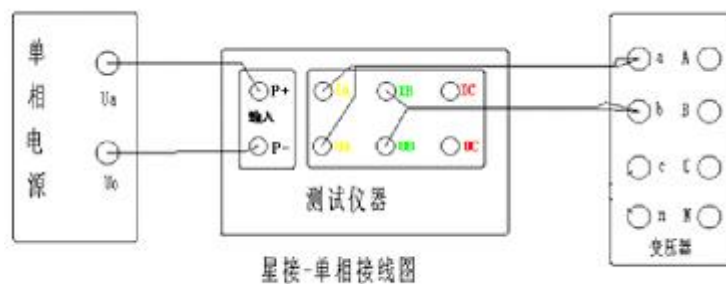
4)

5)

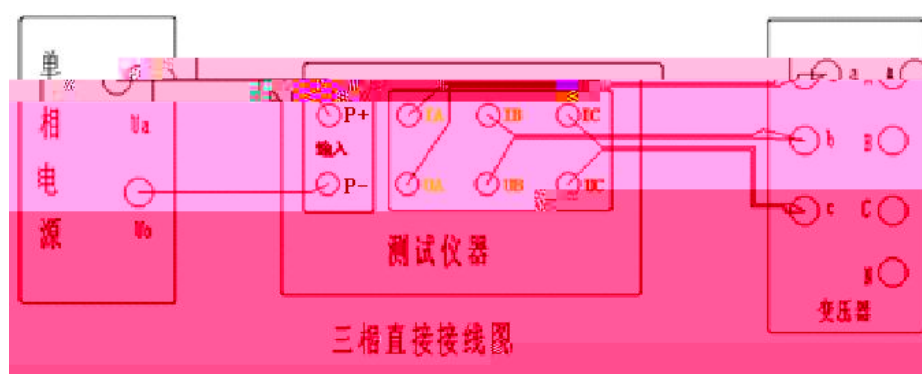
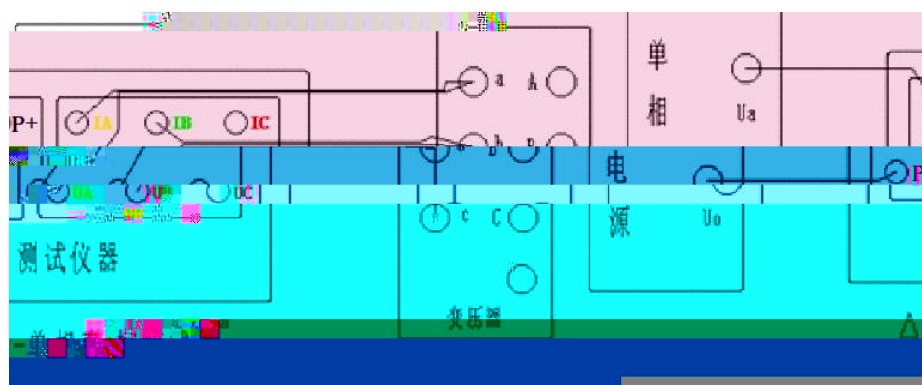
“ ”

P+,P-

Y



Y



2.

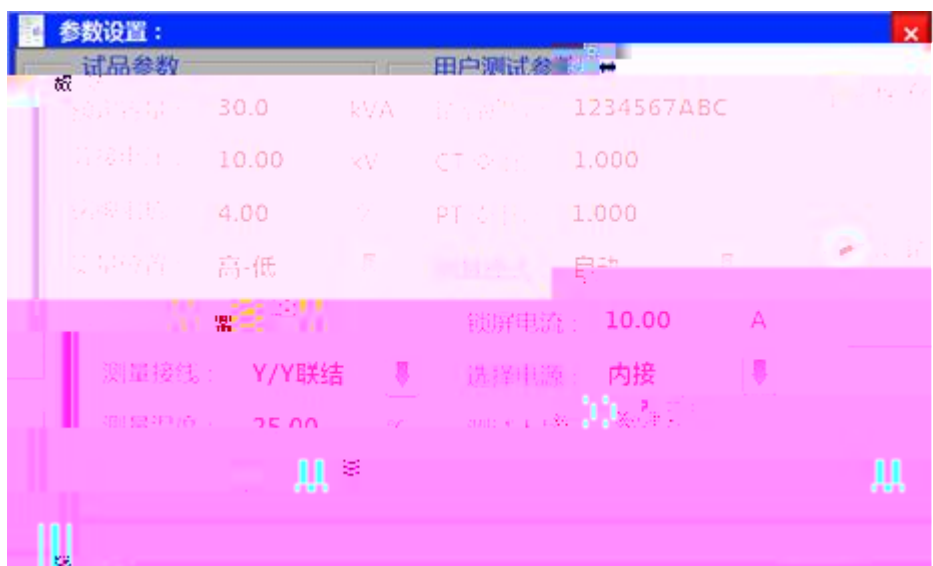
1)



U

U

2)



“ ” - - -

“ ” Y/Y Y/ /Y

(AZ-BX-CY) /Y (AY-BZ-CX)

CT 1

PT 1

“ ”

“ ”

U U



AB BC CA

Zk

Xk

Lk

Zke

(1)

AB BC CA

(2)

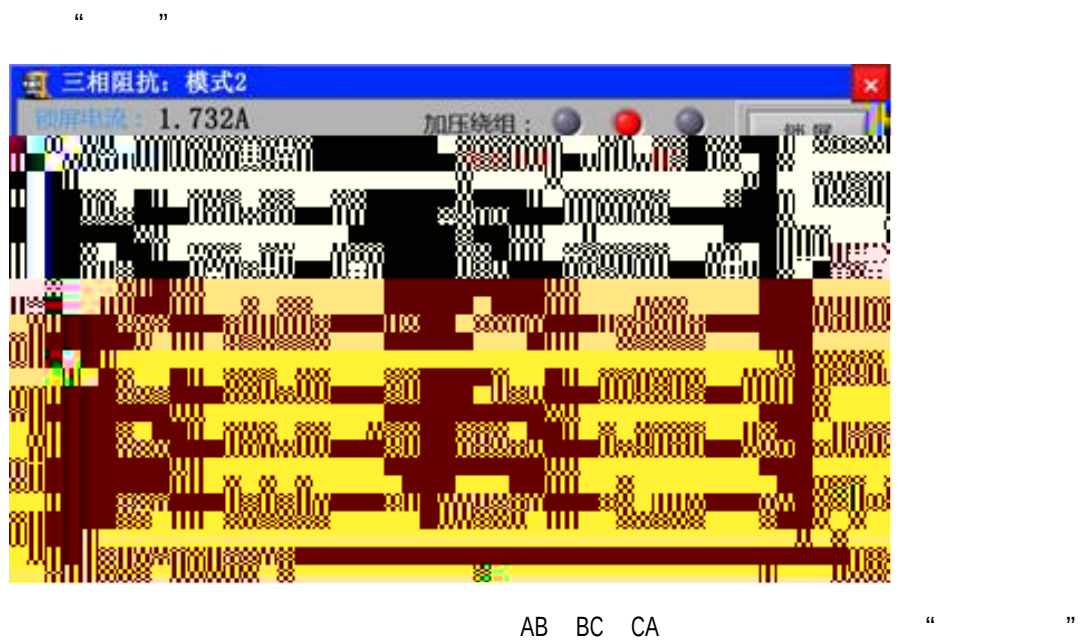
A B C

(3)

(4)

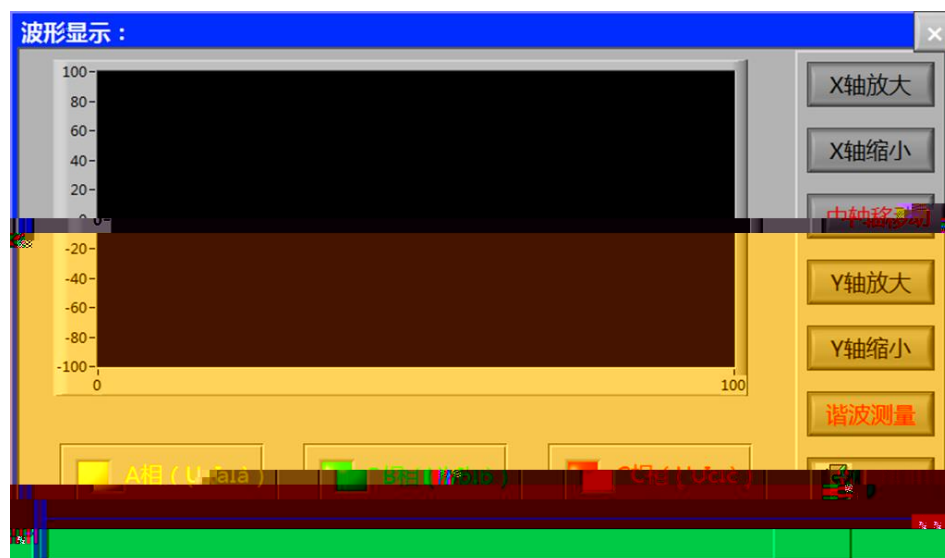
AB BC CA

(5)



- (1) U
- (2) I
- (3) Frq
- (4) φ
- (5) P
- (6) Cos
- (7) Zk
- (8) Xk
- (9) Rk
- (10) Lk
- (11) Zk%
- (12) ZK%

U U



3)

参数设置

试品参数

用户测试参数

额定容量:	30.0	kVA	试品编号:	1234567ABC	保存
分接电压:	10.000	kV	CT 变比:	1.000	
铭牌阻抗:	4.12	%	PT 变比:	1.000	测试
测量位置:	中-低		选择电源:	外接	
分接位置:	2		锁屏电流:	10.000	A
测量温度:	24.52	°C	测试人员:	李四	
校正温度:	75.00	°C			退出

“ ” - - -

大

└

CT 1

PT 1

“ ”



- (1) U
- (2) I
- (3) Frq
- (4) φ
- (5) P
- (6) Cos
- (7) Zk
- (8) Xk
- (9) Rk
- (10) Lk
- (11) Zk%
- (12) ZK%

U

U

4)

参数设置：

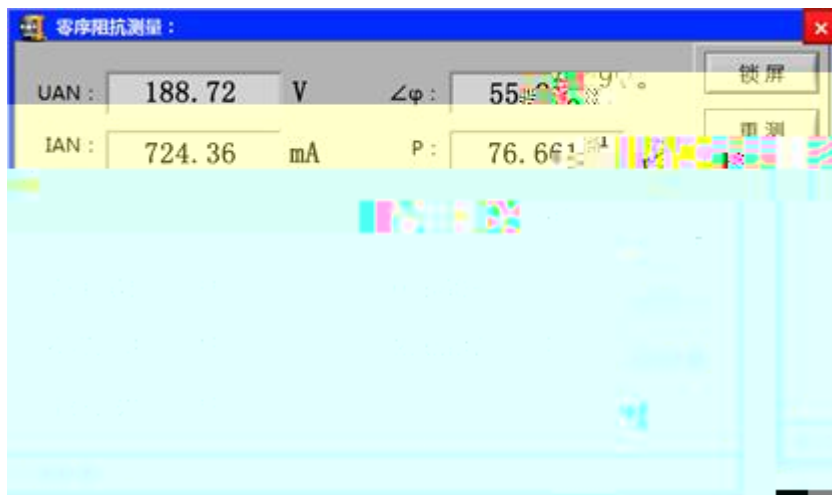
试品参数		用户测试参数	
额定容量：	30.0 kVA	试品编号：	1234567ABC
额定电压：	10.000 kV	CT 变比：	1.000
铭牌阻抗：	4.12 %	PT 变比：	1.000
测试温度：	24.52 °C	选择电源：	外接
		测试人员：	李四

保存

测试

退出

CT

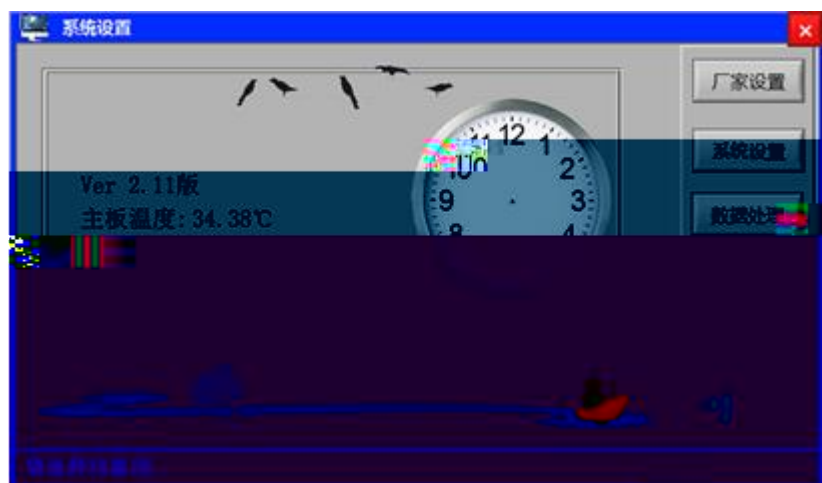


- 1 UAN
- 2 IAN
- 3 Frq
- 4 φ
- 5 P
- 6 Q
- 7 $|Z|$
- 8 X
- 9 R
- 10 $\cos$
- 11 L

U

U

5)



“ ”



1

2

3

1

0

1

0

1

4

5
6

“ YN/yn ” “ ”

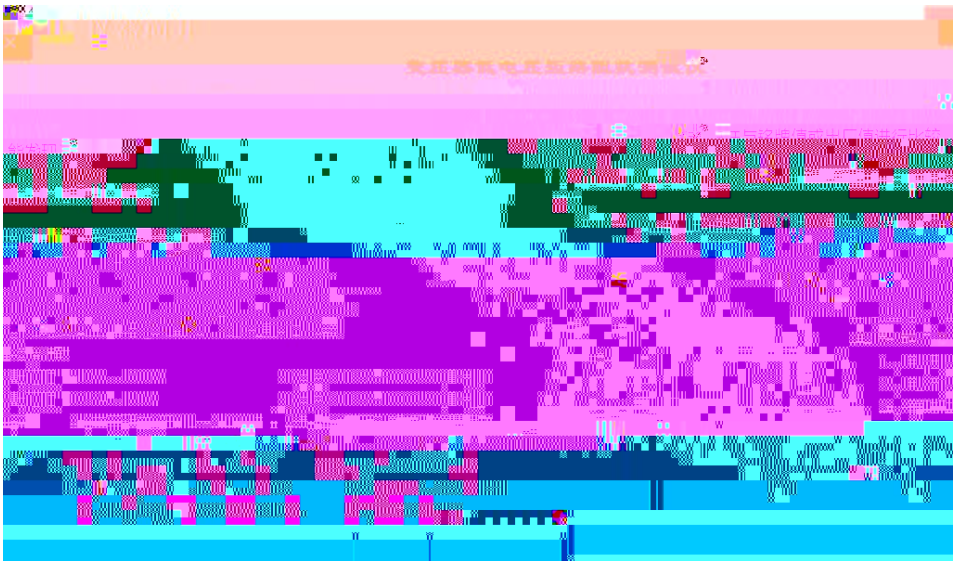
6)



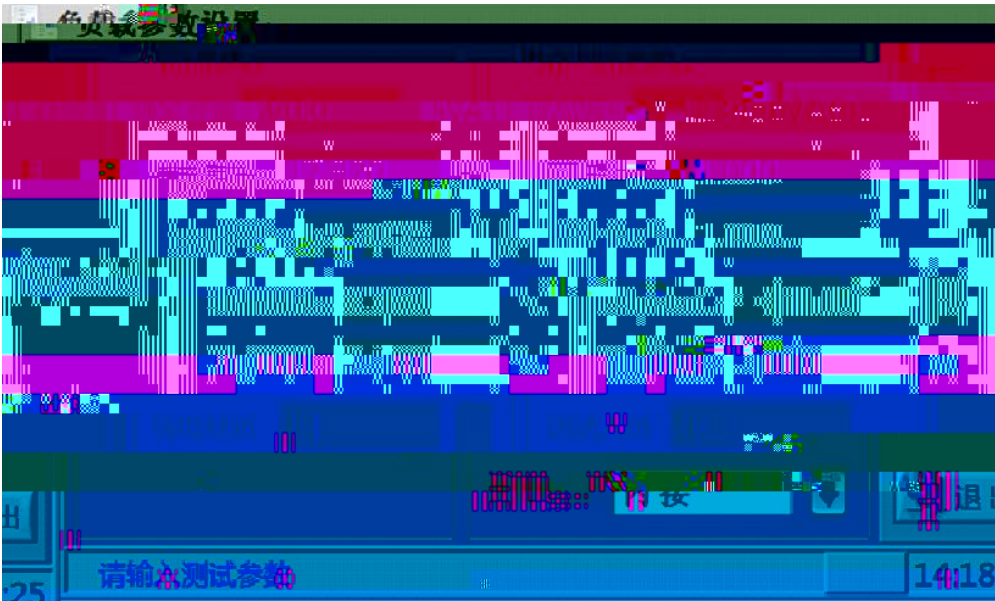
U U “ ”
U

PC PC
U U U “ ” U
“ ”

7)



8)



“ ”

“ ”

CT

1

PT

1

“ ”

“ ”

U

U

“ ”

“ ”

“ ”



Pk

Pkt

Uk

Ukt

U

U



AB BC CA

Pk

Pkt

Uk

Ukt

U

U

9)



“ ”

$$n \approx 1.8 \qquad n \approx 1.9 \quad 2$$

CT	1
PT	1

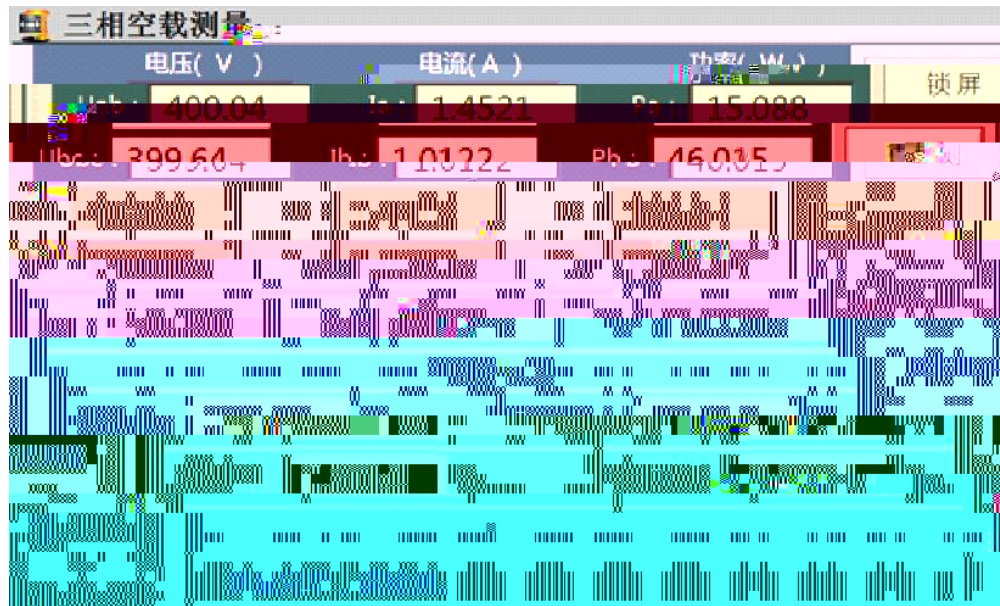
“ ”

“ ”

$$U \qquad U$$

$$\pi$$

“ ”



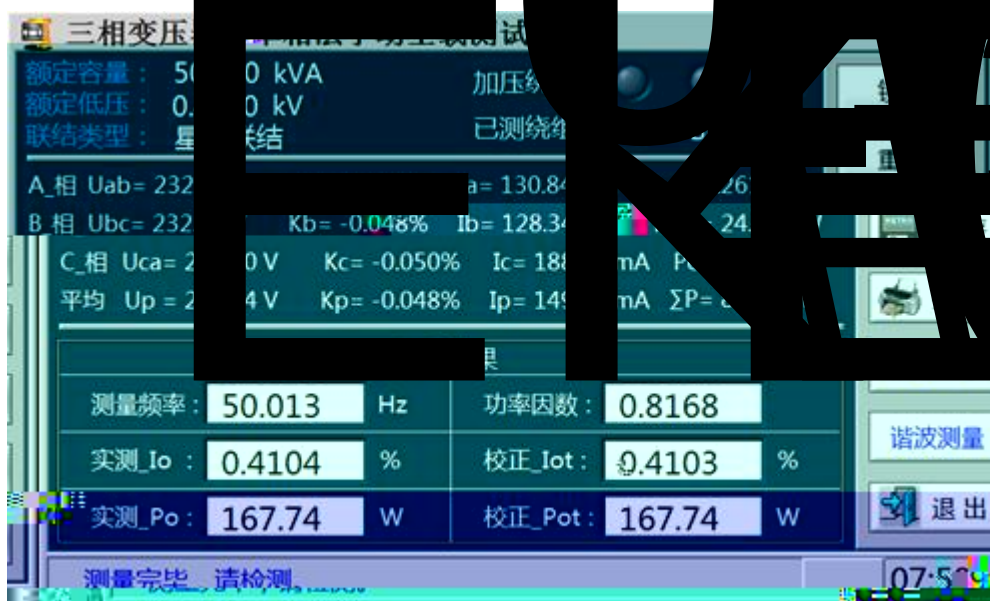
Po

Pot

Io

Iot

U



AB BC CA

Io

Iot

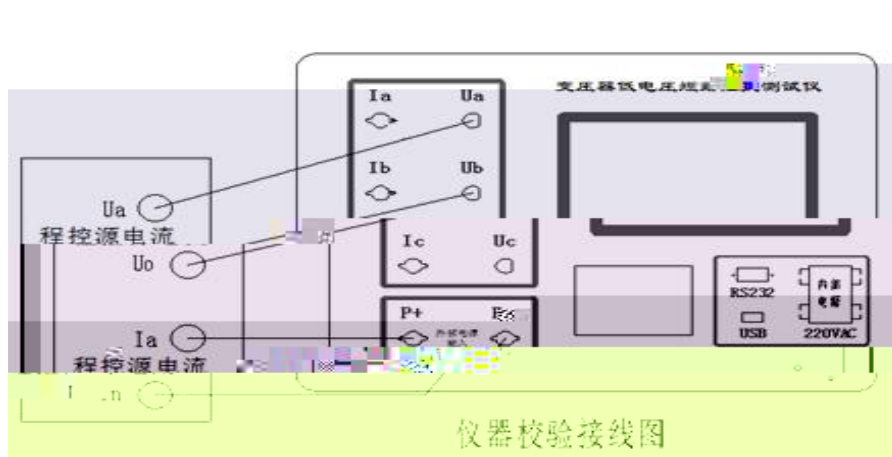
Po

Pot

U

U

2



“ ”

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

PT CT