赫兹电力
HERTZ POWER

赫兹电力
HERTZ POWER

₩ à ת ק

╠ضي ƶ Ţ˘ ضر ضر ╠ h ::: Â ч ↄ

‰ ˘ '

Ь G 30A Â ˘ ₣ ↄ ˘ ˘ ¬ 2 Ъ

˘ Â

ضر ضر ת˘ ↄ ققم ΐ́ ˊ ˘ ↄ └ HZDW-F ضر ققم

ضر ת ġ Ḥ˝ ˘ ═ ↄ Ţ ˘ . ↄ Ъ

˘ ↄ ġ ‰ ˘ ץ ↄ ¬ 2 ˈ¬ ġ Â

HZDW-F ققم ضر ضر ת ضر ضر ġ ضر ң ضر Ғ ת ק Â

ת ק ΐ́ ˘ Ь ˘ ضي ΐ́ Й 50Hz ‰ ˘

˘ ققم ч ˝ ч ₣ Â ת ק □ ضر ġ ضر ˘

ΐ́ ضر

ʜ ȧ w

1. Â ч ˘ Ь 0.1Hz, ч 10Hz Â˝

G 50hz 60hz ң Â

2. ƶ Â ת ק , ... ף ð , ą ת ק ΐ́

˘ ˝ Â

3. Â . 0.005 ß ,˝ ضر ضر Â

4. w Â˝ ˘ ۸ ˘ ضر ȧ ضر ˘ ضر ȧ ص ˘ ۸˘

۸˘ β Â

5. ŋ , ŋ ↄ Ъ , ↄ Â Ъ ¬ 2 Ь Ғ ʒ

ą Â ɷ Â

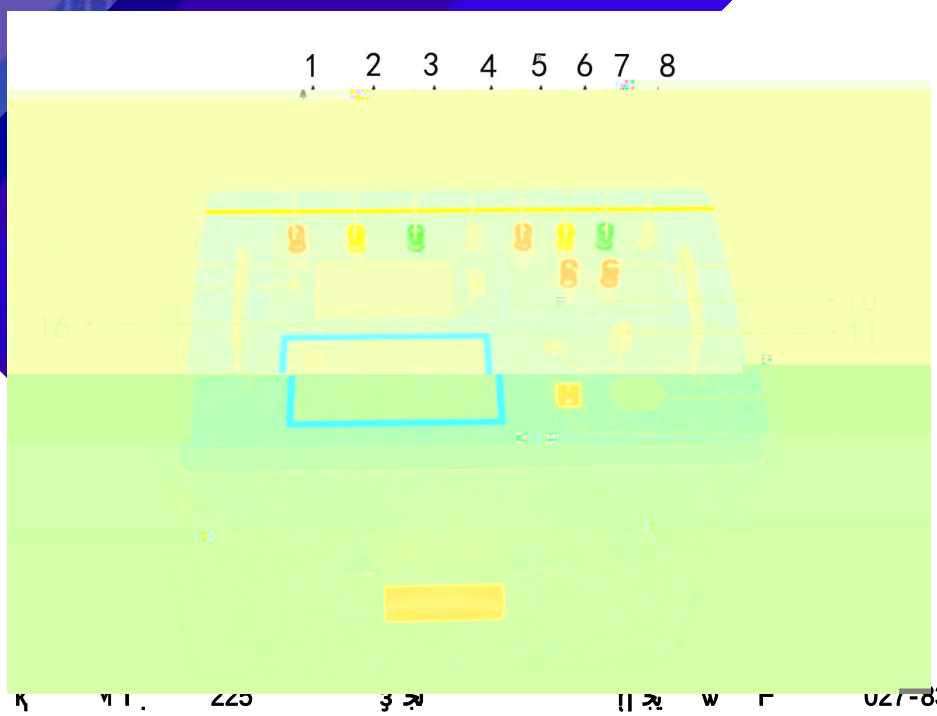
6. ṗ ۸ ġ Ũ ק , Ḡ Â ˝ ץ ۸˘ , ˝ ץ ۸

₣ . ╠ ġ Ũ ġ ۸ Â

赫兹电力
HERTZ POWER

1	R_0	5 200
2	R_x	0 200
3	R_f	
4	D	3 5 1.5mm²
5	1	0.618D 1.0mm²
6	2	
7		

:



يد 2 يد

1' (C1) 2' ا (P1) 3' ا (P2) 4' ض (C2)

5' (C11) 6' ا (P11) 7' ا (P22) 8' ض (C22)

9' 10'

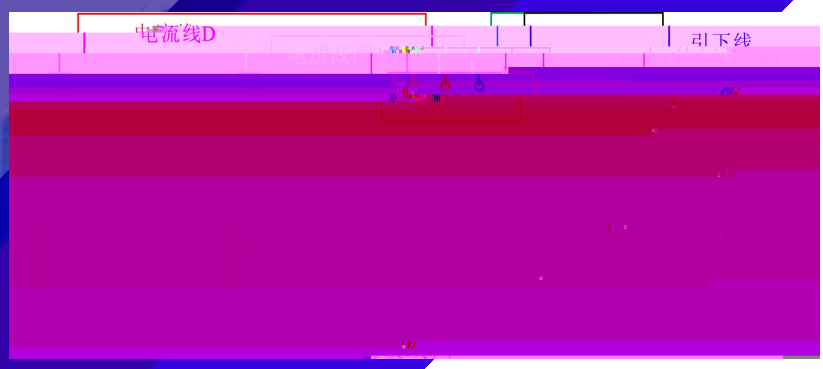
11: ض 12: Å 13:220V 14:

15: 16:232 ¥o 17:U o 18: ا

' 5,6,7,8,9,10 ˘ . ضي Ŗ ą Â

ą ṕ Ŗ ا˝ Â

Ɛ à



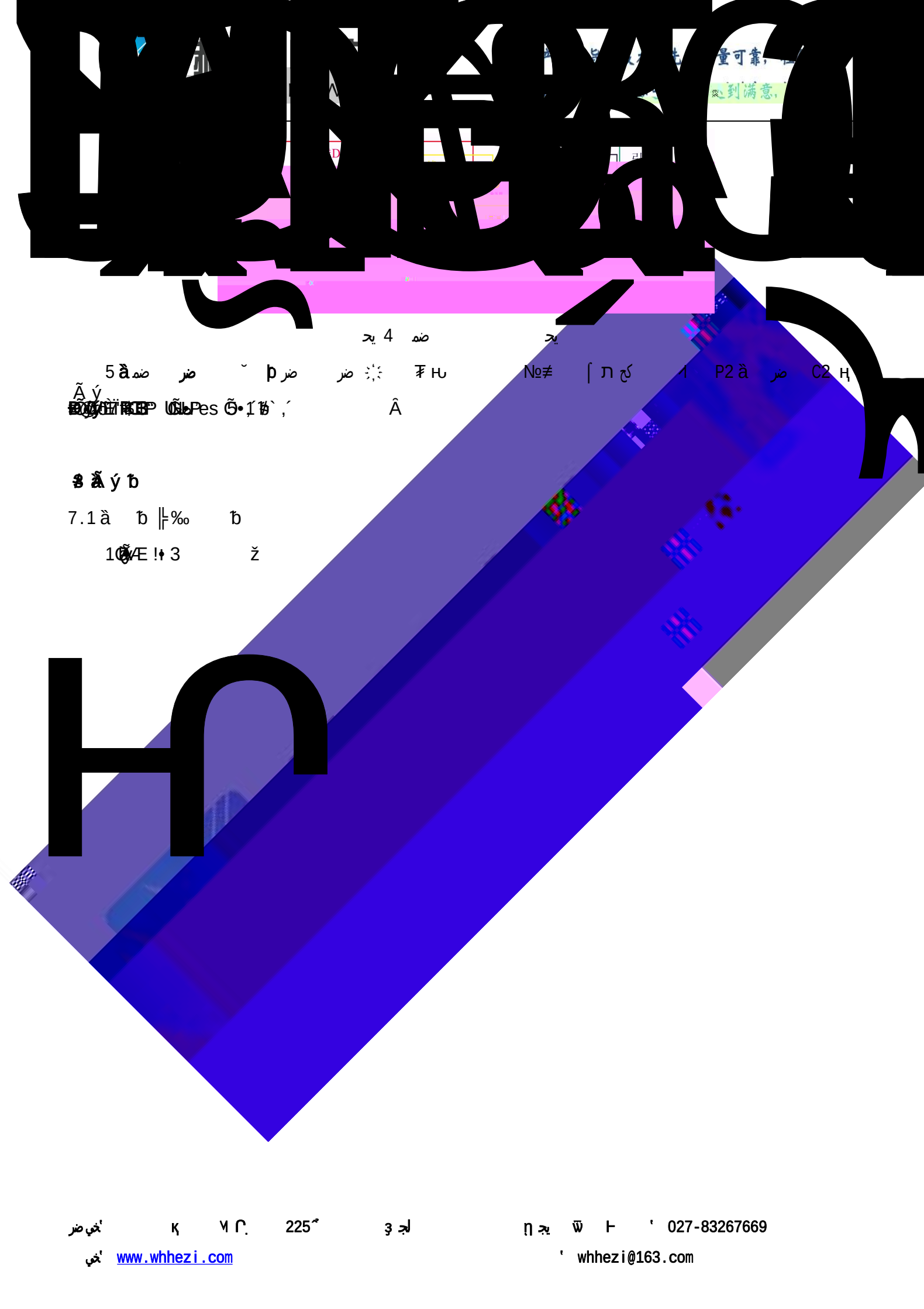
يد 3 يد

1 à D' ů 1.5mm², ض 3 · 5 Ò'

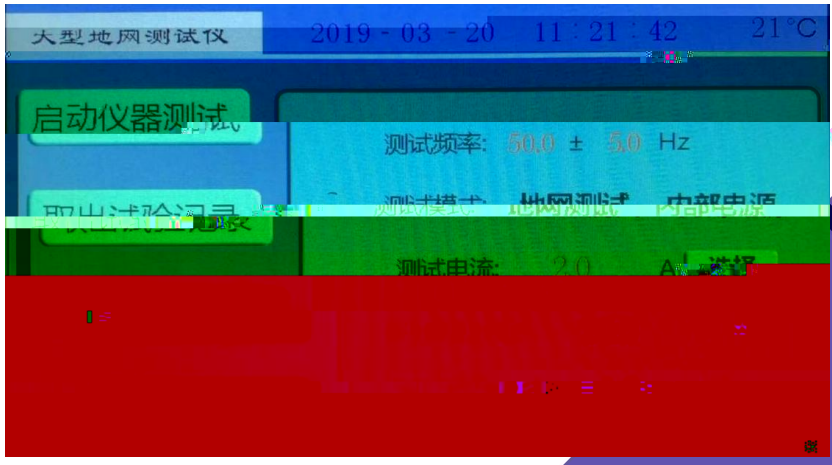
2 à ا 1' ů 1.0 mm², ч 0.618 Ò '

3 à ا 2' ض ŵ Ŋ Â

4 à ض ' ض ŵ Ŋ Â



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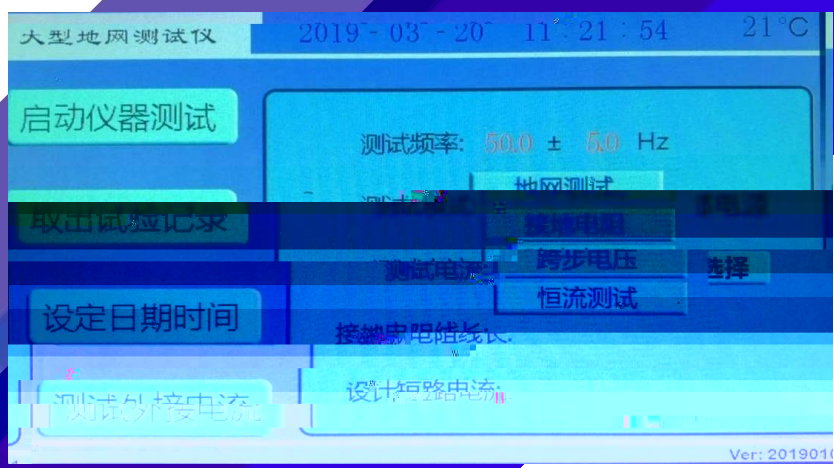


ﺮﻴﺷ 5

2˙ ﺎﻣ

1) ' 50.0 ¤ 5.0Hz ϥ ą 45/55Hz ǐ ǐ Â Ř ₩ ч 50 ¤ 5Hz 60 ¤ 5Hz Â Ӟ˚ ≠ Â ﺍ 50Hz ˜ ˚ ﻱ ч 50.0 ¤ 0.0Hz Â ﻱ ﺽ 40-70HZ ﻣﺦ Â

2) ' ﺽ Â ч Ѝ ﺍˆ ﺎ ﺮﻴﺷ 6˜ ˚ ﻱ ﺽ ﺽ ﺍ



ﺮﻴﺷ 6

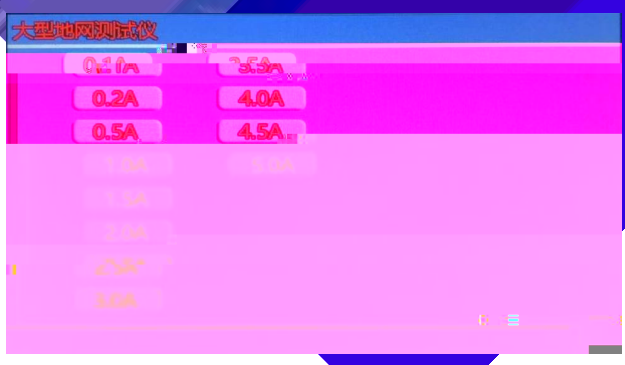
3) ṗ ' ч Йį ч˘ ˆ ɣ ṗ ˘ Â ˜ 7˜

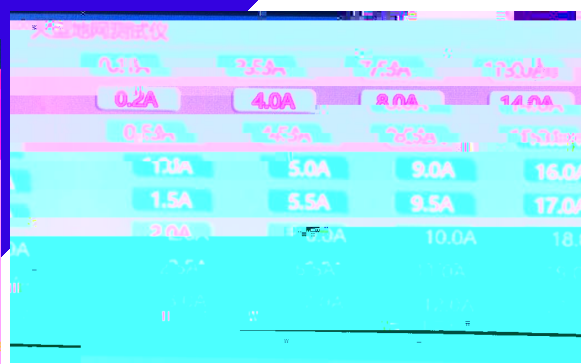


˜ 7 ṗ

4) ' 2.0A ɳ ṿ Â ṿˆ ɣ ˘ 2.2A Â

Йį ˘ ˜ ˆ ɣ ṿ Â ˜ 8˜





5) ضر ' ضر Ṛ ˘ ₩ 20 Â

6) ' Ï ˘ ŭ ↿ Ṛ Â ₩

7) (ﻳـ 5) Ѝ˘ ќ Â ˘ ₇ ą Ɗ˘

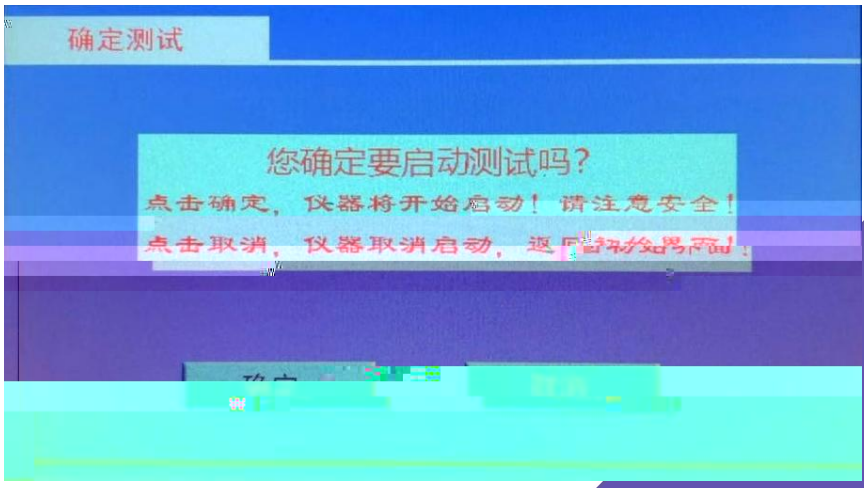
˜ ₹ ˘ U ќ ↿˜ Â ﻳـ 9˜

ﻳـ 9 ă ќ

Ό ˘ Ѝ OK ˘ ˘ ~ ĭ ض ~ ṗ Â

Ω ˘ Ѝ esc ˘ ˘ ~ Â

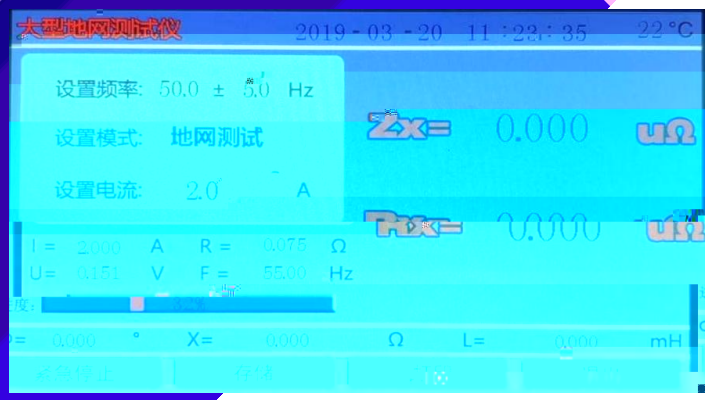
7.-אn 0



ېد 10

Ⅾρ , ٦ Â Â ₣ ضر (ېد 11) Â Ⅾρ ŭ ,

ת ק ېد (ېد 5) Â



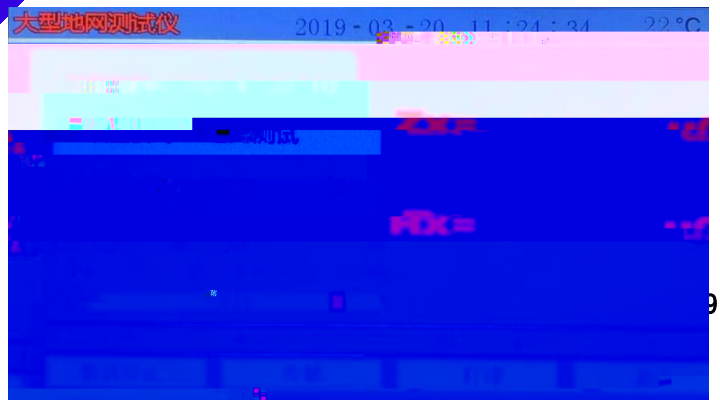
I=2.000A Â

U=0.151V ٦ Â

R=0.075 ß Â

F=55.00Hz (ĭ ĭ F1)

F=45.00Hz (ĭ ĭ F2)



ضر' ĸ ٧ Ր. 225 9

' www.whhezi.com

' 84% ϖ ⌈ 84%ϑ˘

⌈ 100% Â

ϰ 11 ϭ

ϰ U ϯ ϭ ˆ ϰ 12˜



ϰ 12 ϭ

ϑ Ϋ'

Zx = 75.777mß :ϭ ϔ

Rx = 75.770mß :ϭ

Ü = 0.769£ : ϔ

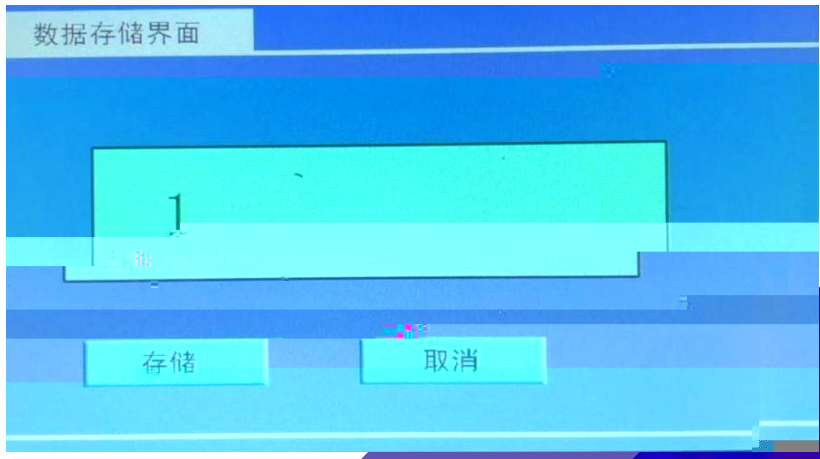
X = 0.001ß :ϭ ϔ

L = 0.003mH :ϭ ϔ

Ϋ ϯ˘ ϫ ⌈ (ϫ 5) Â Ϋ ϟ˘ ϟ ϯ Â

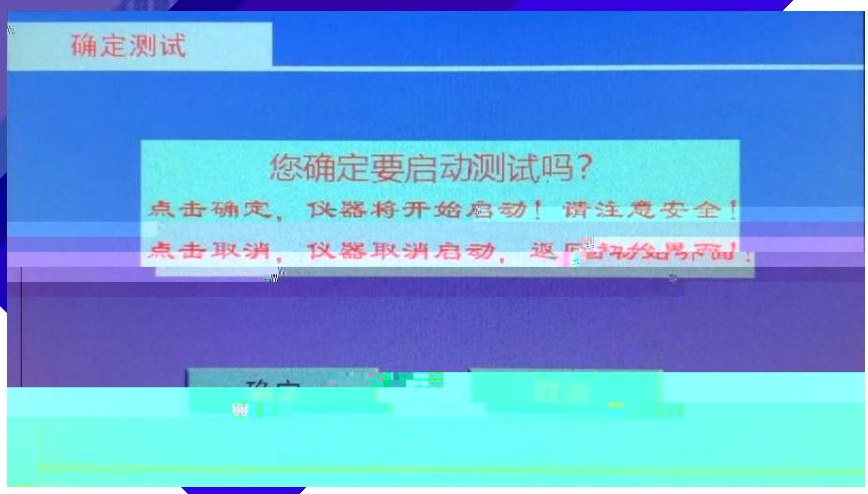
Ϋ Ü Â ϯ Ü ˆ ϫ 13˜ Â

1. Ð
2. Й Ш ,
Ш , ¨ Â
3. Й Ў , Ь Ш˜
Â



13˜ Ш

7.4 à ض
ضِ (5) Й, ض ˘^ ₩ 20 ˜ ą Ð
Ω¨ П ך , ₣ 14˜'



(يد 14)

Ð , ٦ Â Â ₣ ض (يد 15) Â

Ð ŭ , ת כ عد (يد 5) Â



I=2.002A Â

U=0.153V ٦ Â

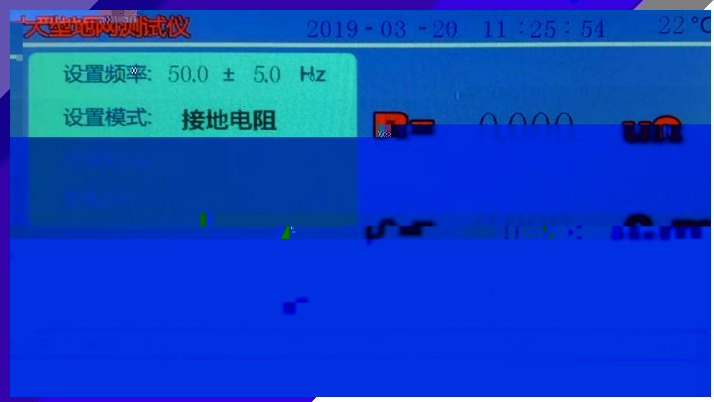
R=0.076 ß Â

F=55.00Hz (ĭ ĭ F1)

F=45.00Hz (ĭ ĭ F2)

' 84% ٦ ⌈ 84% ٧

⌈ 100% Â

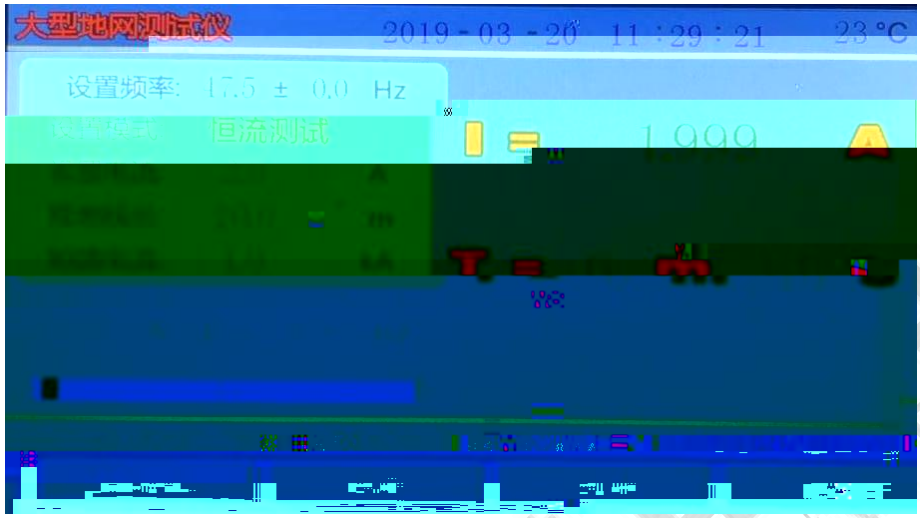


(يد 15) ض

(ﻁ 18)

Ð , ˥ Â Â

ǂ (ﻁ 19) Â Ð Ŭ , Ո ֆ ﻁ (ﻁ 5) Â



(ﻁ 19)

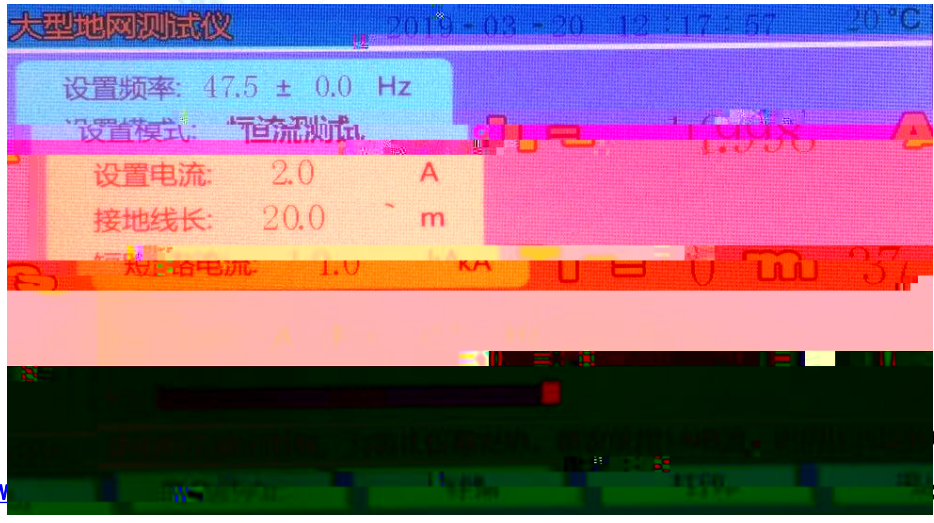
I=1.999A Â

F=47.50Hz Â

T=0 m 14 s ٦ ǂ 14s̑ 5 № ˜

' 4% ٦ ⌈ 4%ֆ˘ ⌈ 100% Â

ʜ U ǂ ˆ ﻁ 20˜



(表 20)

Ч Й'

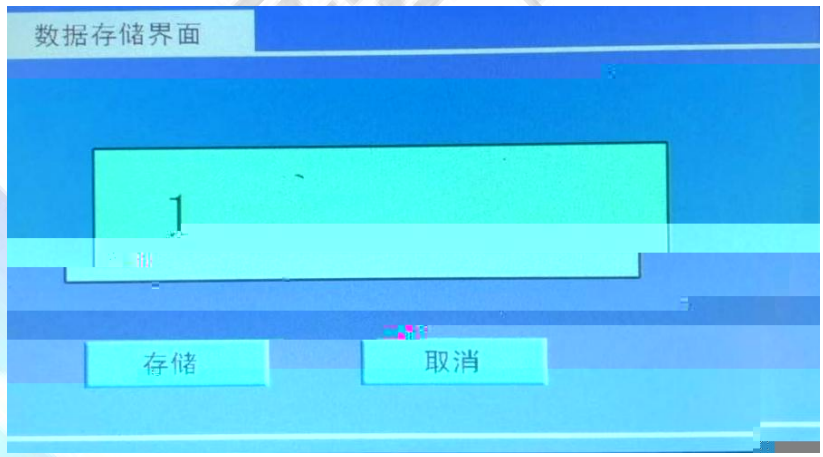
I=1.998A Â

F=47.50Hz Â

T=0 m 37 s ч ₣ 37s̑ 5 № ˜

Й ₣˘ ⁄ ⌈ (表 5) Â Й ч˘ ч ₣ Â

Й Ũ Â ₣ Ũ ˆ 表 21˜ Â



1. Ð ˘ ₣

˘ ~ Ũ ˜ Á

2. Й Ũ ,

Ũ , ˙ ⁄ Â

3. Й ŭ , Ь Ũ˜

⁄ Â

ˆ 表 21˜ Ũ

7.7 à Ţ п ᓀ

1 ò Ω Ô Ŗ ˘ ˜ п ᓀ ṗ Ḡ ˘ ˜ Ω Â

2 ð ﺵﺠ ˇ ∧ Ô Ŗˇ ˇ ∧ Â

3 ч 0.0A Ŗˇ ˆ ð Ô ь ð Ôض ь ض ˇ ض ˇ ⁞ ﻉﺠ Âض ь G 0.5㎡Â G 80ß Â

4 ת כך ע ע^ ` 0.01ß˜ ↕ˆ ∧ ⁘ Â

5 ת כך Ŗˇ ˆ ץ ضي C1 ₣ ע 20 ץ⁘ ˇ ﺵﻲ Â

6 ч ą ≠ ˇ ╠ ώ ' ь ض ר ˇ ר Â

7 ضم ת כך Ψ ˉ Â

8 ת כך ₣ ì ˇ ь `Eˆ ڤU ⊢ ,ь Â

9 ض ą Â



1. ą Ř ˘ ˙ ˇ Â
2. ˘ ضي Δ Â
3. ˘ ą G Â
4. Đρ ˘ Â ĭ
   ˘ ą Â ˙ Δ Â
5. Đρ Ω˝ ת ק ˘ Ω˝ Â
6. ˘ ь ṗ ŋ ₩ Â ضي ь Ṕ Â

Ж à ضر

C1/P1 ₩ ₡ ضر ˘ C2/P2ˆ ضر ˜ ³ ₩ ₡ ضر Â

1 à ь Â

2 à ˥ Â

ضa>>h˘ b>>h Â

a=b ˘ . ч' ð=2 ï aZ

Ѵ ѿ à ضر

ѿ ' Ѝ˘ ضر ضر ٨ Â C

Ь ضر dCG ч ضر 4~5 Ồ' dPG غ dCG Â ضر

È ˆ Ѝ ќ Â

$$Z = \frac{Z'}{1 - \frac{D}{2}\left[\frac{1}{d_{AG}} + \frac{1}{d_{CG}} - \frac{1}{\sqrt{d^2_{AG} + d^2_{CG} - 2d_{AG}d_{CG}\cos\theta}}\right]}$$ 公式 (1)

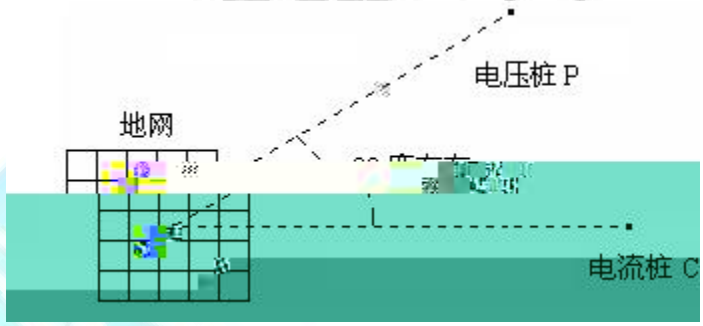
Ţ' ç Í غ ٨ '

Z' Í ضر ỵ Â

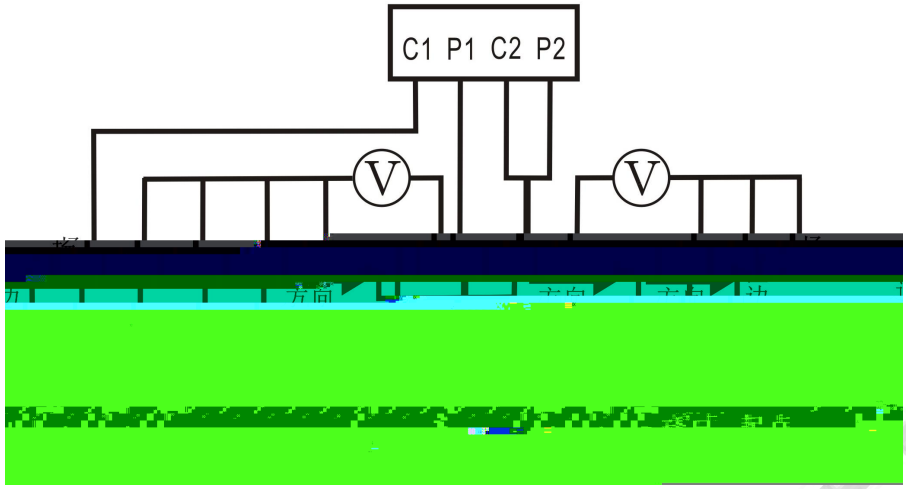
حى خشˆ ˘ ˆ dPG غ dCG ˘ ç ч 30 £˘ dPG=dCG=2D

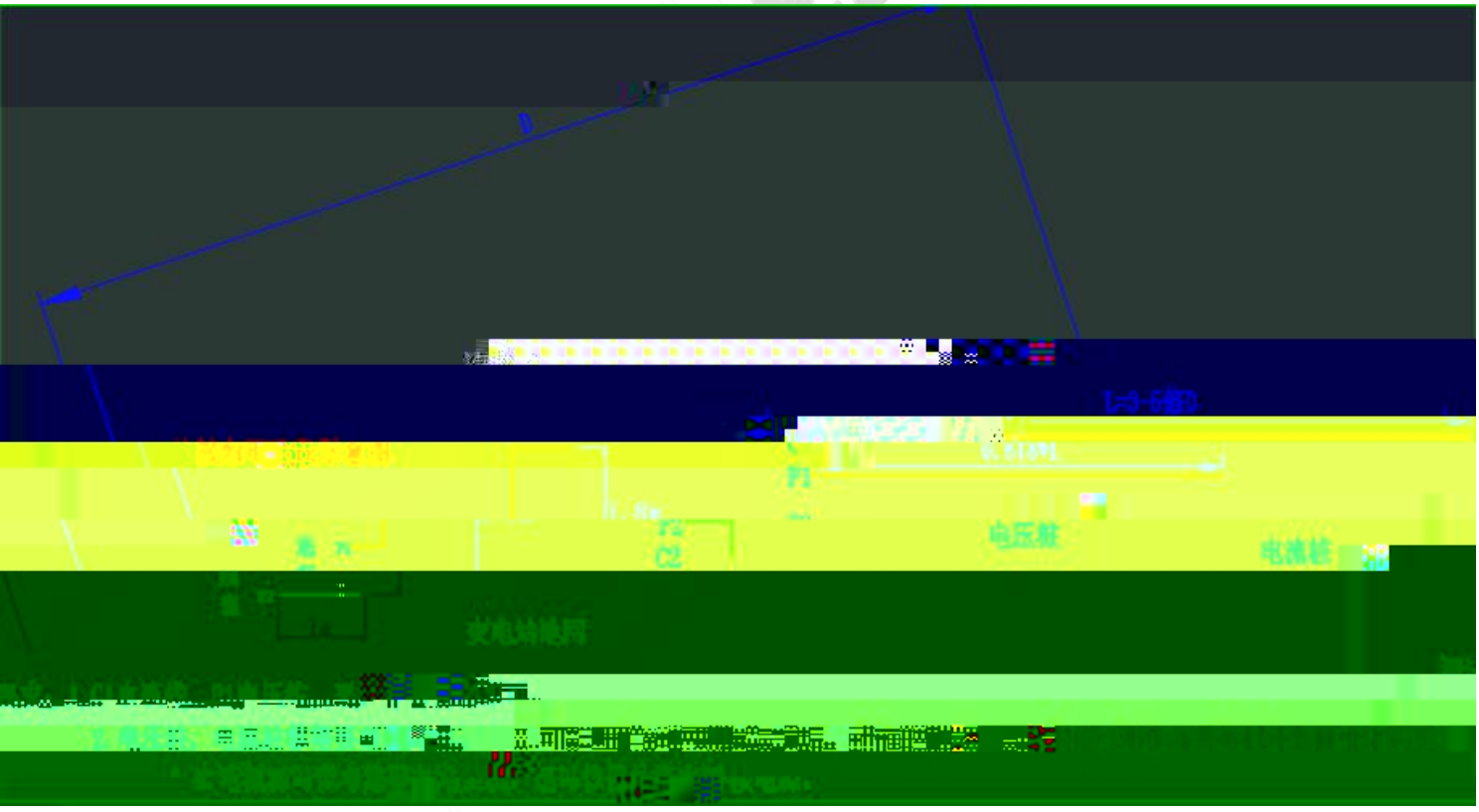
ضر ќ È . чˌ Â

' ضر Ї 2A



Ѵ ʜ à ضر β


C1 P1 C2 P2
V
V



D 4Ô ÿ Â

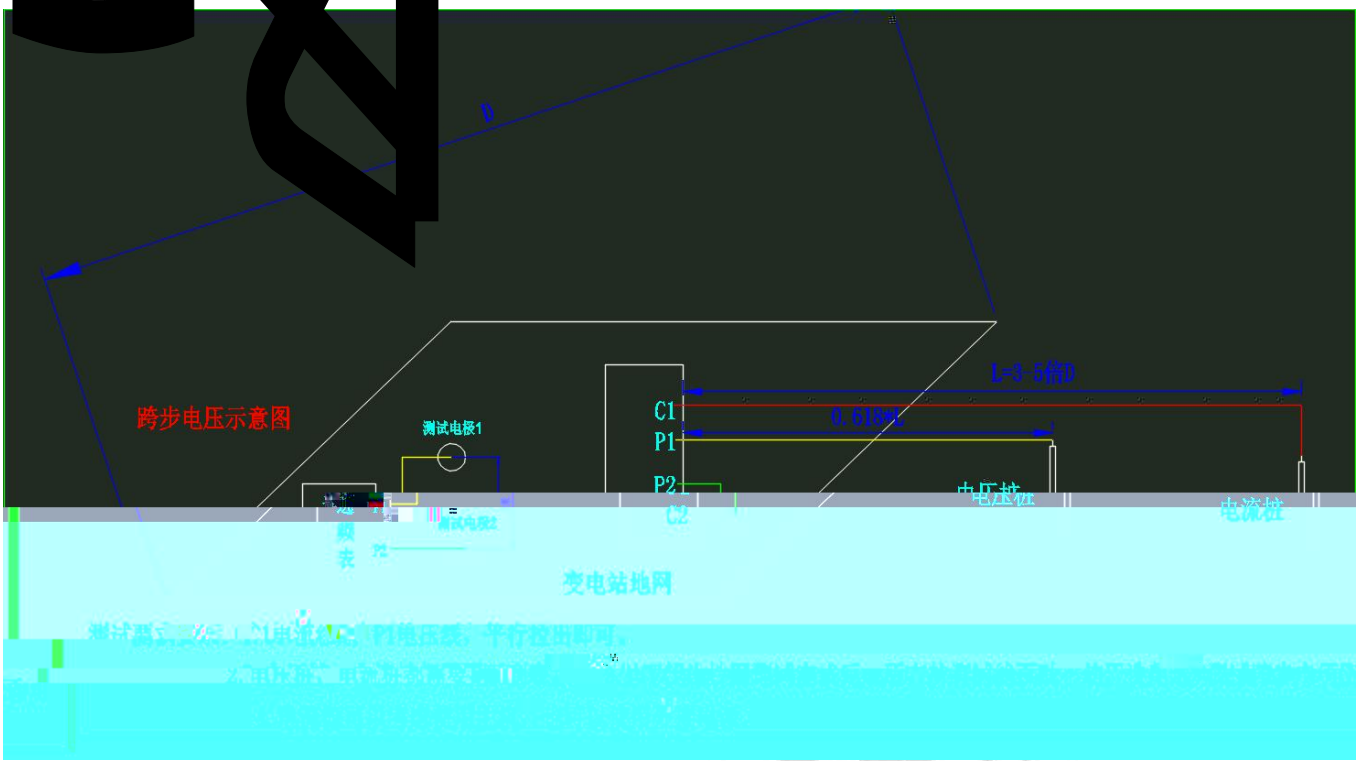
ת כ C1 Ь ˜ Â ˙P ת כ C2 1

ض Й ˆ ض˜ Â

ﻝ P3 ˇ ч 1.8

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[illegible]

[illegible]

D 4Ò [illegible] Â

[illegible] C1 [illegible] ÂP [illegible] C2 [illegible]

Й Â

[illegible] P1 àP2 №≠ [illegible] 1 à 2, [illegible]

[illegible] 20cm [illegible] [illegible] Â [illegible] Ţ [illegible] 1 Â

[illegible] P1 Ь P2 [illegible] r Rm [illegible] [illegible] [illegible]

ڤU ⊢ غ Й

Ą ĭ ą ₺U ⊢˘ ʒ ˋĒ˜

à Ḃ Ŀ ч°° ج غ l' ڏ à ⌡ ⊢

Ḡ ضي ӯ à ą à °° ج ₩ ѡ Ţ r

₩ à°° ج '

1 à°° ج └ غ خش ... يج ‰ ĭ ʒ ‰ Â

2 à ˋĒ˜ └ °° ج ضي Ḡ ṗ ضي ˘ ˋĒ˜ Ḡ ŋ ʒ ═ ˘ ⊢

ʜ à°° ج Ḡ'

⌡ U └ ѿ ќ˘ ⊢ Âضɲ ڪ ą ṗ˘ ˋĒ˜

└ ɲ ڪ à ą à ɒ ٦ à ɒ └ ⊢ Â

à ڤU ⊢ ʒ'

1. ضي ą ث ṗ˘ ˋĒ˜ Ḡ ą Â ṗ ₹ ѿ Ḡ ќ˘

يغ ą Ь خش˘ . ѿ └ ⊢˘ ɒ˘ . ŭ

Â

2. ɲ ڪ ضي Ḡ ṗ ₹ ˘ ĭ ь ' ŭ Й ↓ ʜ ₩ ч

⊢' Ǵ ٨ ќ Ǵ ќ Ǵ ج

ضه à ⊢ Ŀ ĭ ɾ '

1 à ڤ ╠ ⊢' ѿ h └ ˘ Â

2 à ڤ Ţ ⊢' ققم Ь Ь

Âضي ˘ ˋĒ˜ ѡ Ғ ʒ °° ج ƀ

˘

3