

TiANYU

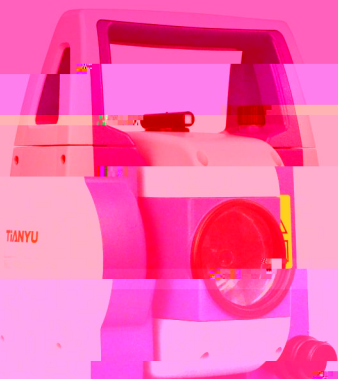
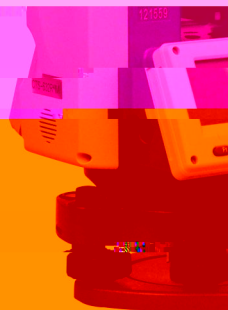
天宇光电

操作手册

第五版

OPERATION MANUAL

V5.1



新瑞得仪器有限公司
NEW RUIDE INSTRUMENT CO.,LTD



(The page contains horizontal dotted lines for writing.)

.....

.....

.....

.....

[illegible]



.....
.....

.....
.....

.....
.....
.....

.....
.....

.....
.....
.....
.....

.....
.....
.....
.....



.....
.....

.....
.....

.....
.....

.....

.....
.....



.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....



.....

.....

.....

.....

.....

.....

.....

.....

.....

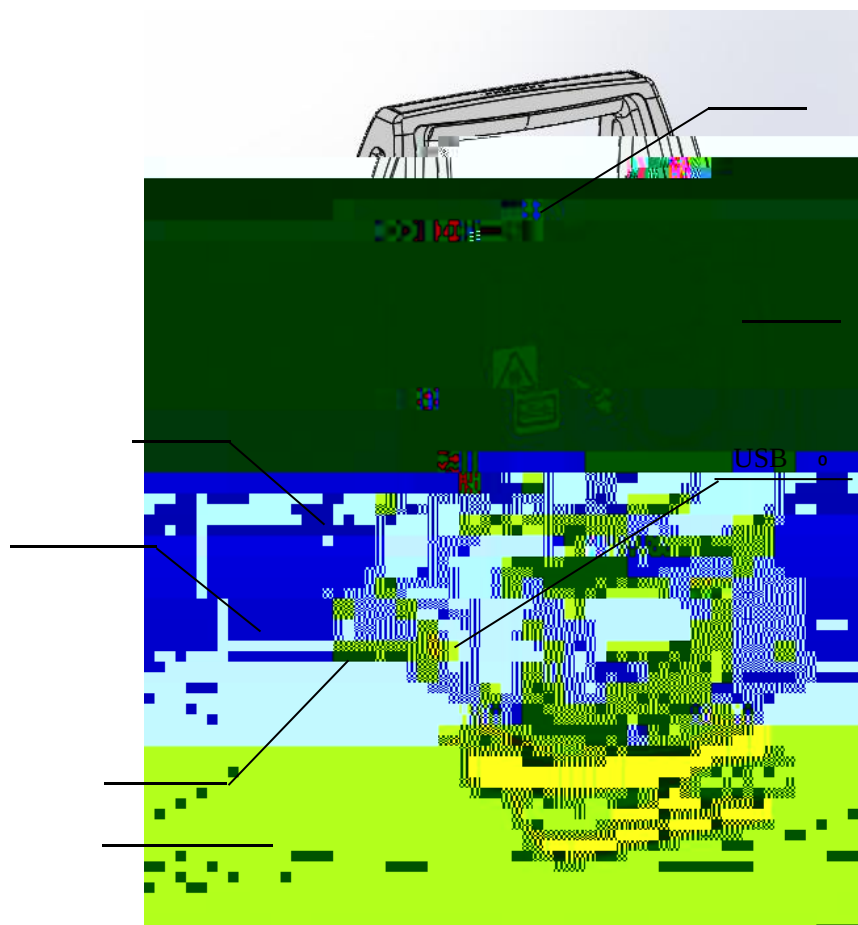
.....

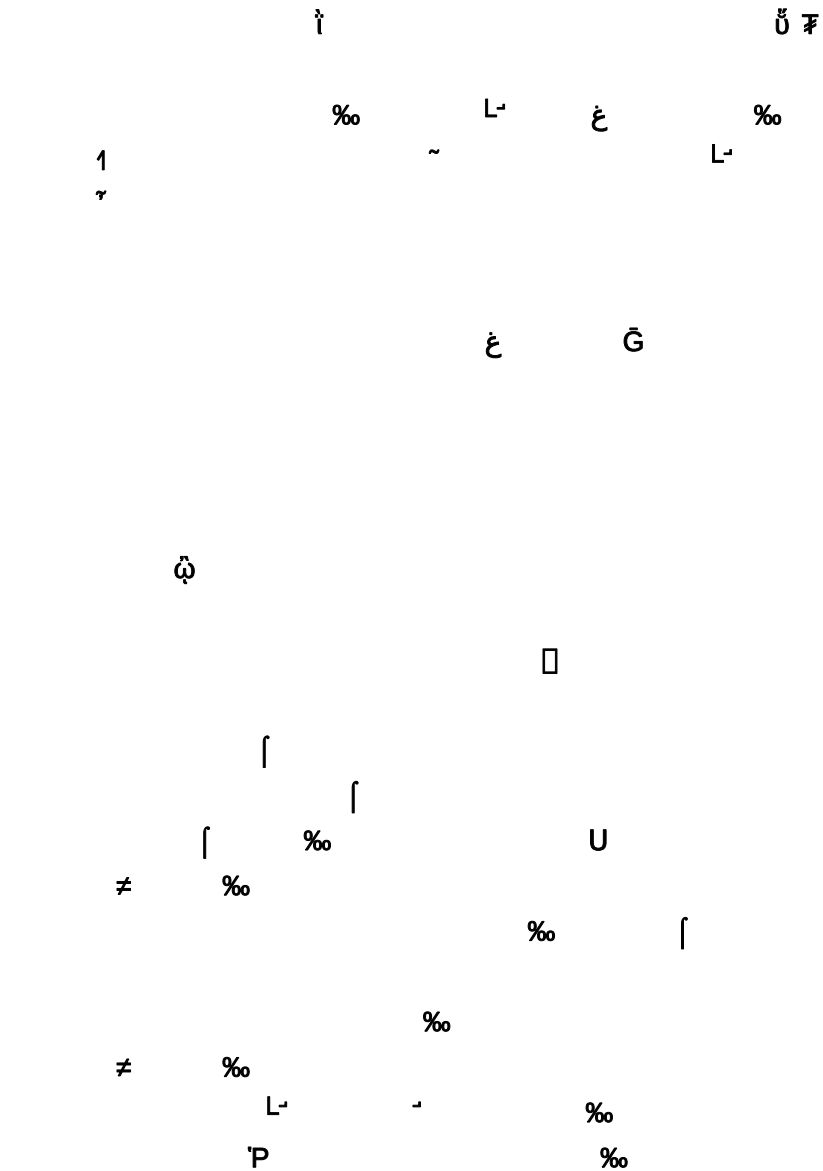
.....

.....

.....

$\dot{\epsilon} \quad \gamma$
 $\downarrow \eta$
 $\dot{B}$
 ν
 ν







'P 3

%
'P 0

| G

i

Ė

|

Ų "E Ĳ 3

Ų

Ų

% ų

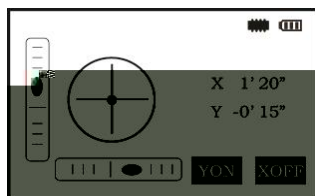
% ų

≠ %

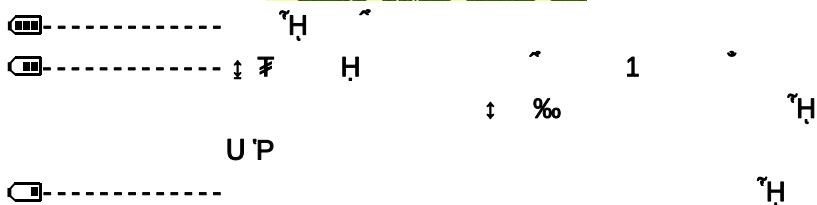
% ų

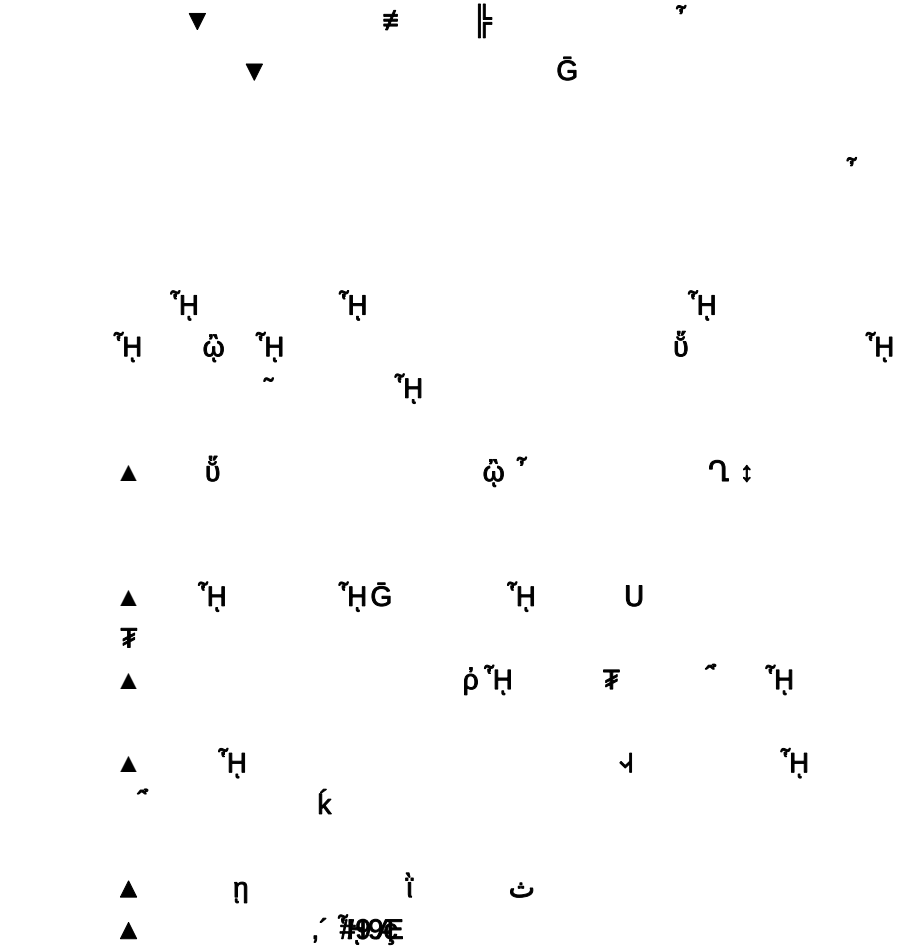
Ų

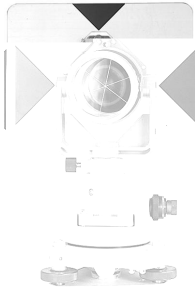
%



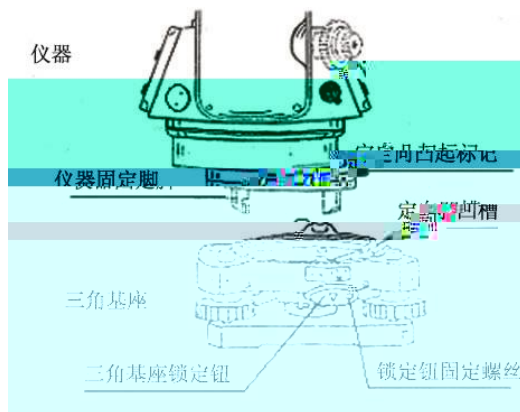
H

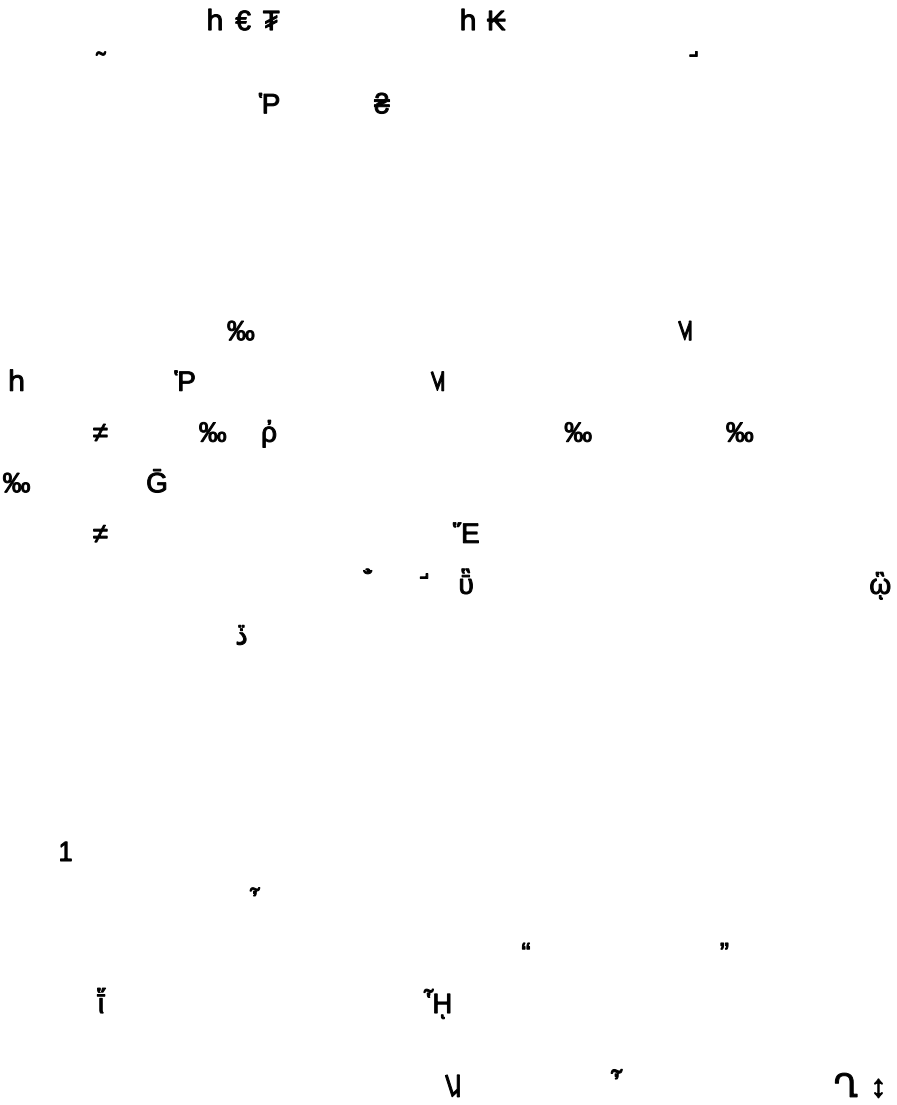




 $\mathbb{E}^x$ 

U

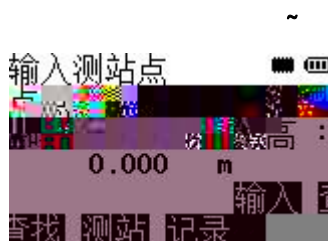
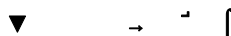
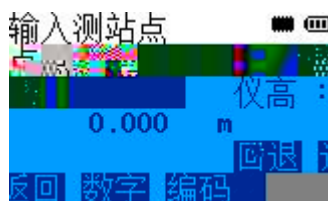




~
~

U

D



F1	~	~	√
1	~	“	”
.	~	“	”
5	~	“	”

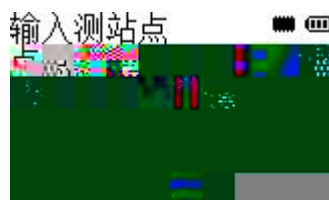
~

~

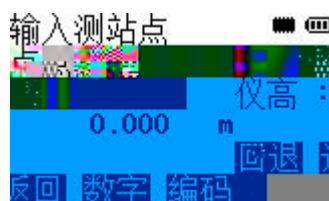
D

~

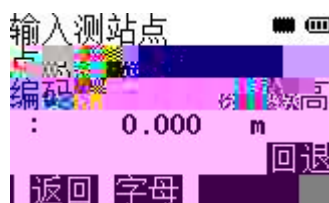
“ ”



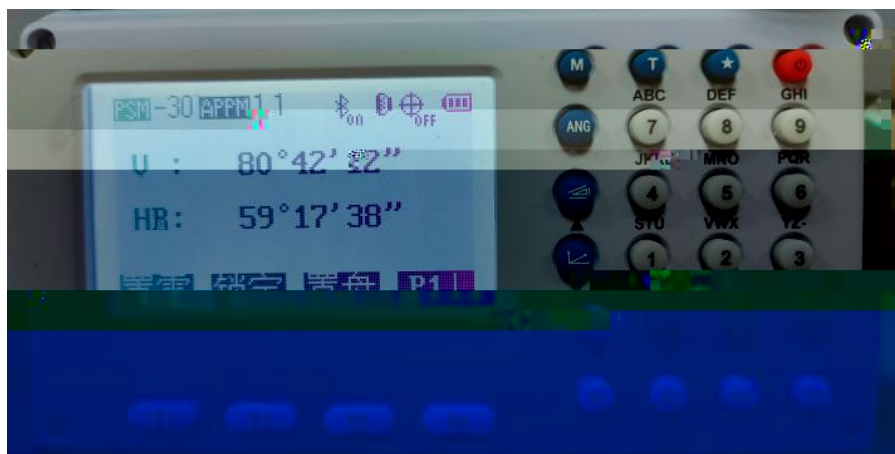
▲][▼]
 , [~



F1] ~ ~ y



3 7] , "A"
 7] , "B"
 7] , "C"
 8] , "D"
 8] , "E"
 ~



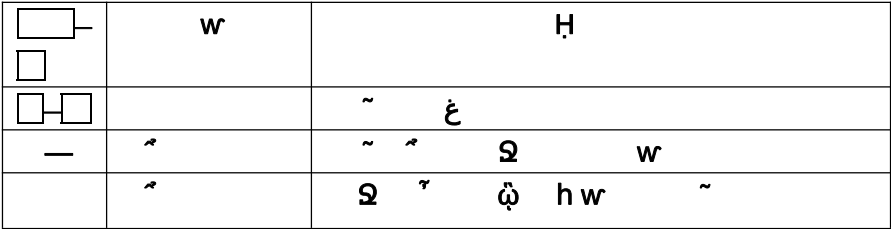
O

W



~

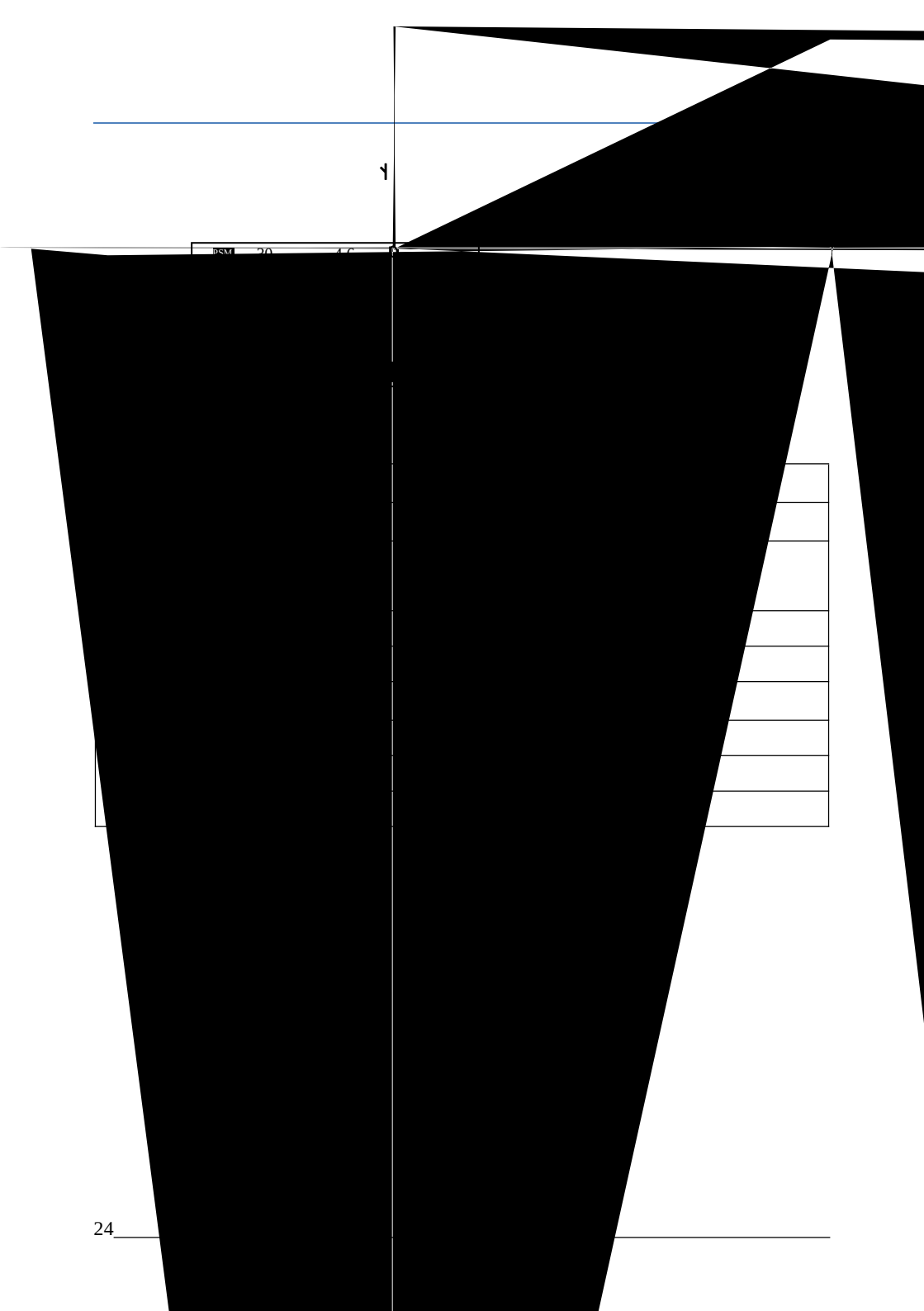
~



W

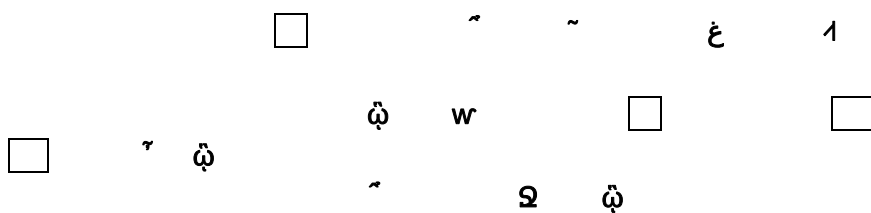
[illegible]

Figure 1

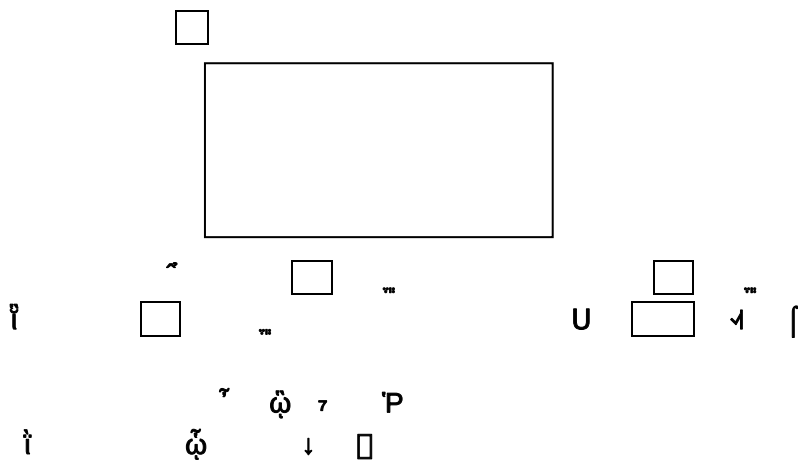


1

PSM 20 46



U 7



↑ - | ~

η ð ð ð ħ 1 z f
 γ 1 -
 1

1 1 1 1

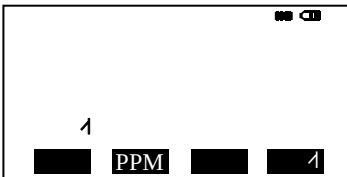
1

γ

ħ 1 U

E

γ



γ

γ ~ ð " ~ "

1 ↑ -

E^x η

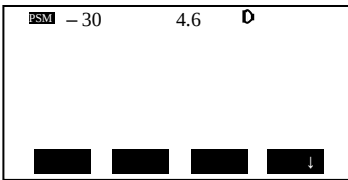
7 1



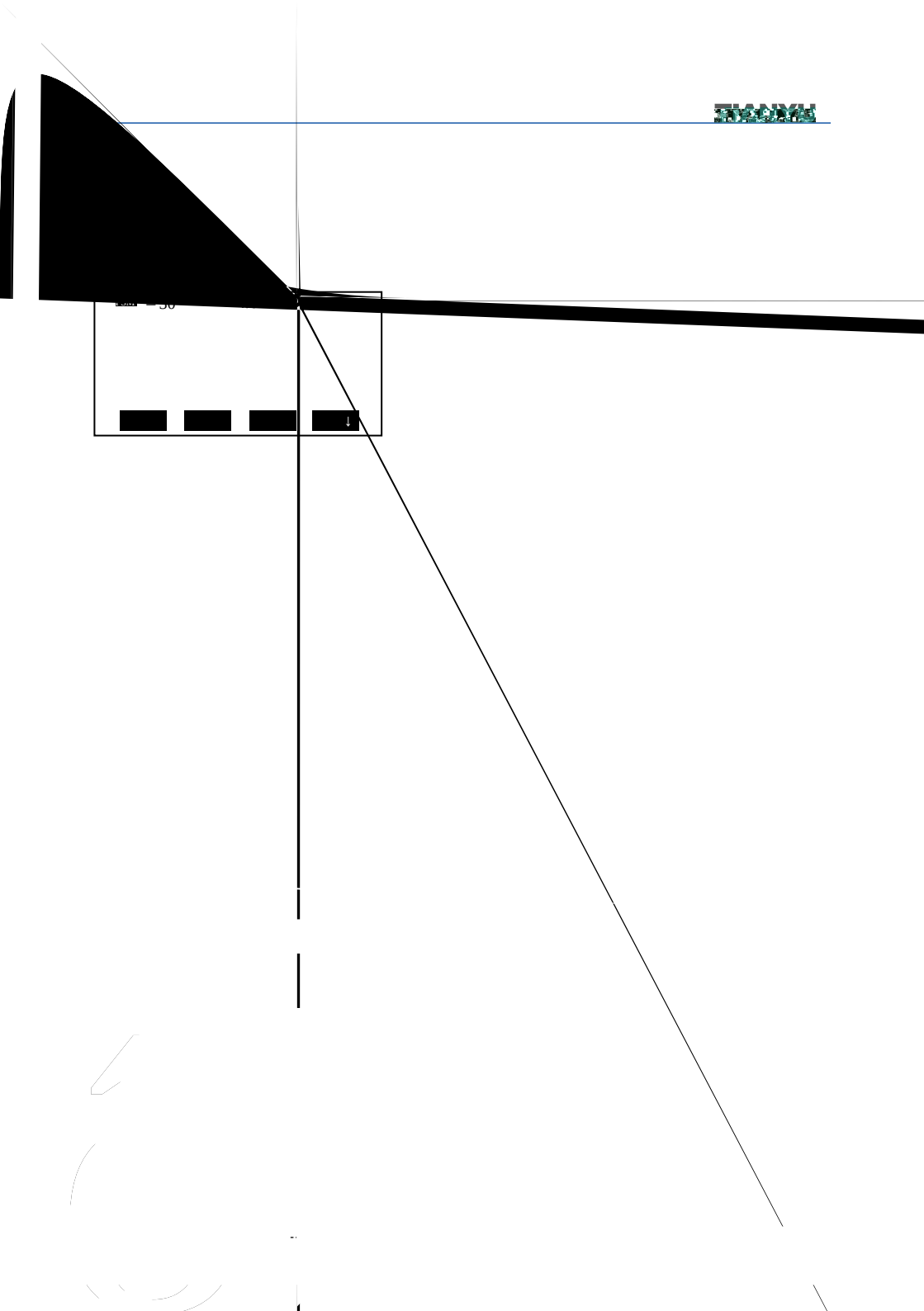
í

ŵ

ẽ









o

₪

₪

□

□

□

Ⓟ

↓ n

RSM 0 APPM 6.7   

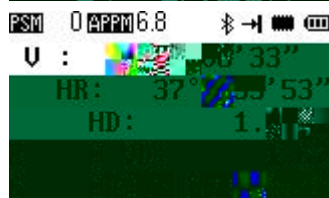
U :  58'33"

HR: 41°07'45"

HD: 1.412

m UD: 1.676

m 测量 模式 S/A P



1 F4 P1
 ↓ ~ 2 w
 2 F2 𐄂

3 F2-F4
 4 F2: (HD) F3
 (VD) F4 (SD)
 𐄂 ~ 350m

‰
 𐄂
 𐄂
 0m

~ 𐄂 “ ~ ”
 | ~ 𐄂 | 𐄂

Z



z

z

z

V N₂

7

U

z

ġ

4~

|

□

7

z

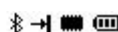
||

~

ā

ġ

FSM 0 APPM 6.6



U : 40







ŵ

~ || U

z

~ ð

“

z

”

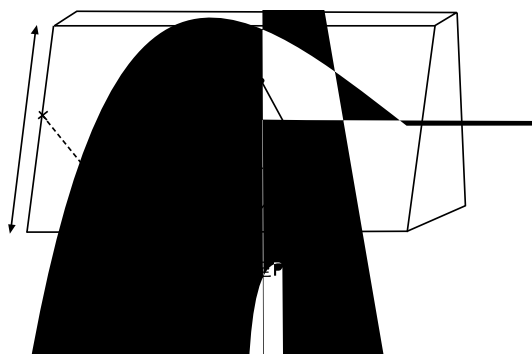
w

1 F4 P1 ↓
 ~ 2 w
 2 F1(z)
 F2 z , ~
 z ~ h* z
 ENT
 ~ h || z ENT

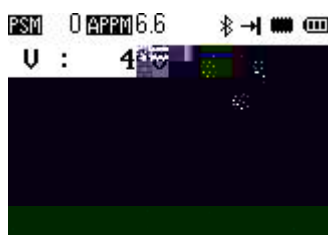
%o P F1
 U ƒ v z
 U
 A₀

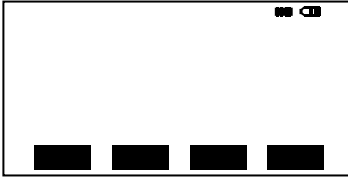


$\vec{\varphi}$
 $\%$ U $\%$
 ξ



$\sim$ $\vec{\alpha}$ “ ”





↑

H

Z

||

% h

R

~ α “ ”

PSM 0 APPM6.6

U : 4



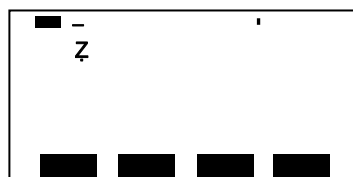
PSM 0 APPM6.8

円柱形

中心

HD:

測量 鏡高





ƒ

z

˘

˘

ESC

ø ||

˘

é U

U

w

˘

˘

é

U

˘

ı

ă

“

”

é

ă

“

” é

“

”

U

U

˘

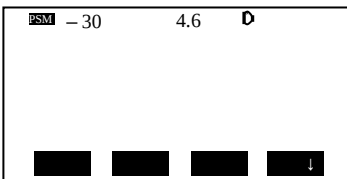
‘E

ƒ

Λ

Ω

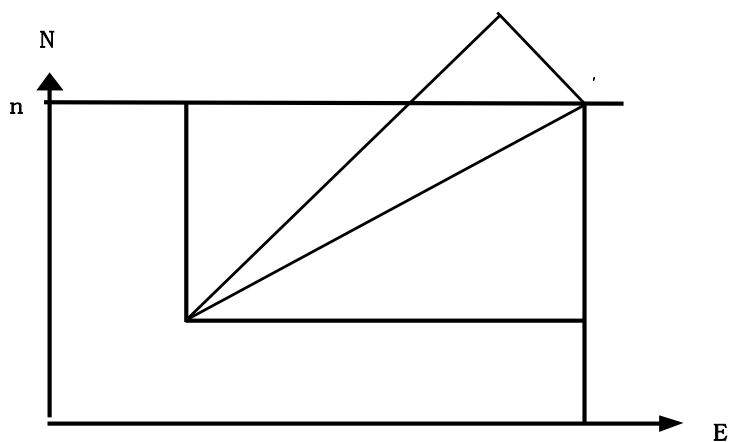
ĩ U





1 2 3 4

U G



PSM 0 APPM 6.8

N: 1.249 m

E: 0.767 m

2: 1.249 m

田	■	...	1.249 m	镜高
仪高	测站	P2↓	■	■
模式	S/A	P1↓	■	■

~ ã “ ~ ”

~

≤

≤

˘ U ˘ Ĝ



~ ã “ ~



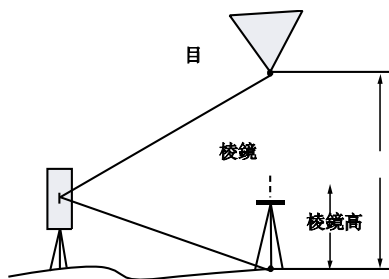


~ $\tilde{\alpha}$ ~ " $\leq \leq$

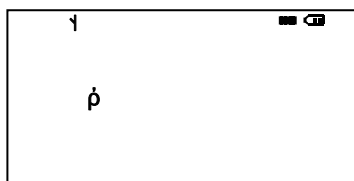
γ $\square$ ~ γ $\square$ $\tilde{\alpha}$ ~ $\int$

$\int$ 7

U



~





PSM 0 APPM8.4



%

F1

悬高测量-1

<第二步>

HD:

测量 镜高

PSM 0 APPM8.3

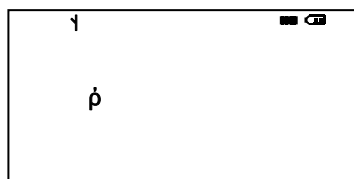


悬高测量-1

VD: 0.00



~



PSM 0 APPM8.3



悬高测量-2

<第二步>

VD: 0.065"

PSM 0 APPM8.3



悬高测量-2

VD: 0.065"

测量 镜高

测量 镜高

48



Ė

~

~

Ų

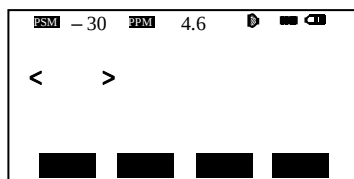
W

.....

.....

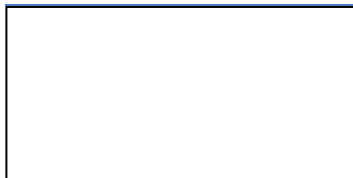
D

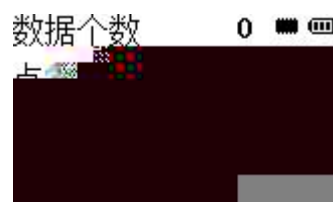
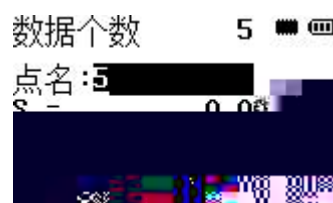
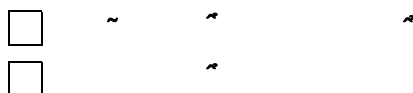
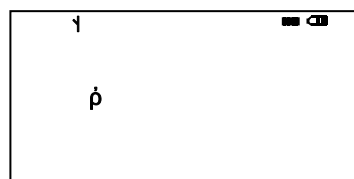




F4 ,
~ ∫ B
7 % B F1
∫ B HD
F4 , A
B HR dHD
dVD dSD
A-C F4
% □
∫
F4 , A
C HR dHD
dVD dSD
12

α
~ γ
~ γ
∫







~

~

≠

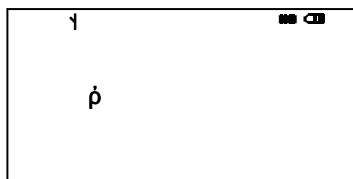
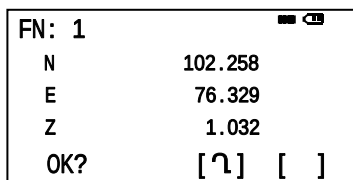
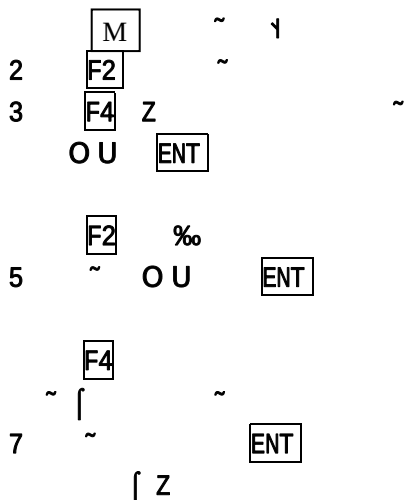
ı

ğ

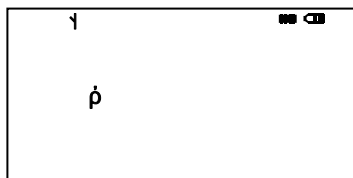
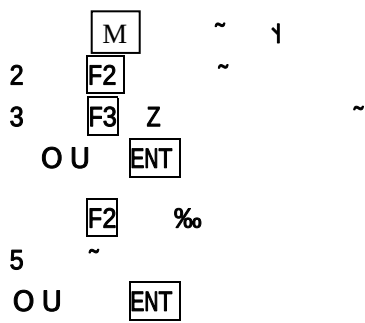
~

|

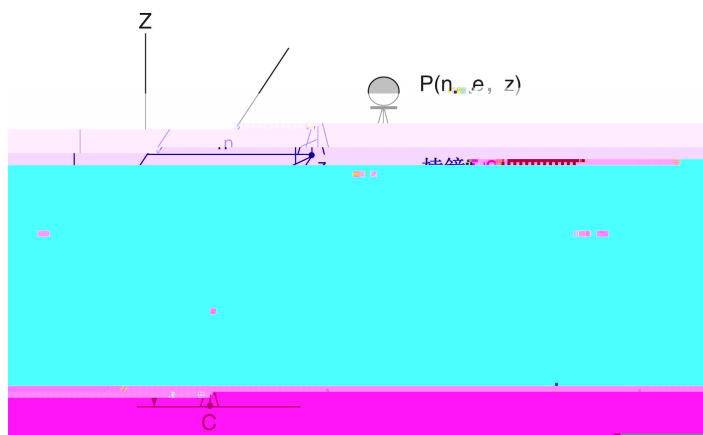
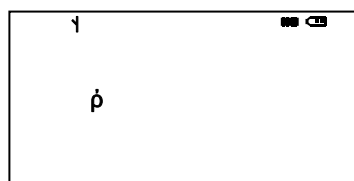
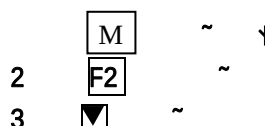
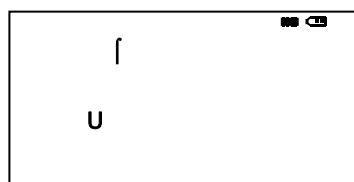
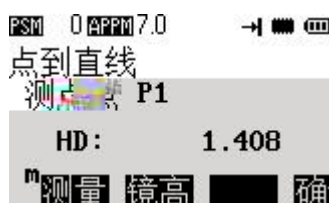
D



D







PSM 0 APPM 7.1 → [] []

点到直线

测点 P2

HD: 1.423

测量 镜高 [] 确

PSM 0 APPM 7.1 [] → [] []

N: m

E: m

Z: m

退出 [] 镜高 测量

~ B P2 ENT

9 ‰ B P2 F1

*1 F4

h

F1

i

*2

‰

F4

,

v

F4()

|

10

*3

v *4

[]

[]

≠

|

ǎ

~

v

é

é

~

é Z

é

ff

ĩ U

ˆ c

ˆ H

é

ĩ

~

v

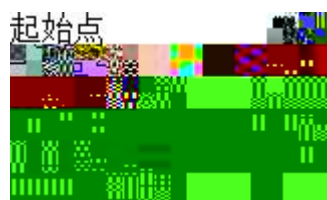
~

,

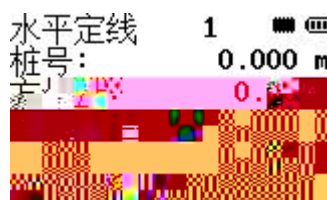
~

ö

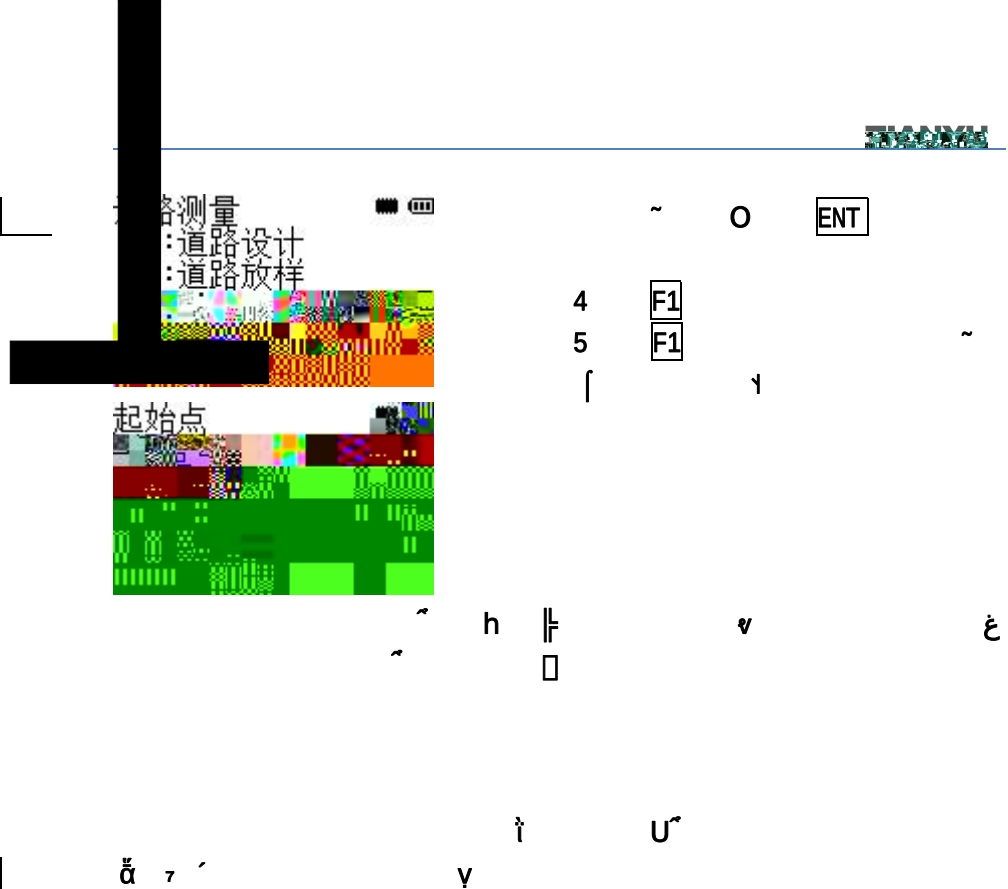
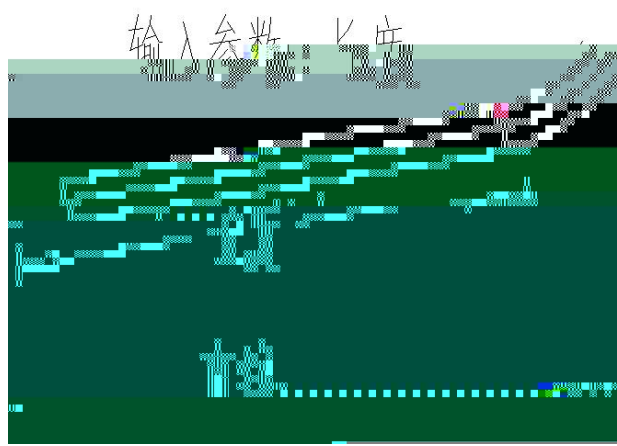
~



~ U



• ƒ ƒ ~ ② Ğ ⇒
w L Ğ ~ w
i w ~ Ğ H 4 ~ H
~ i Ğ H 7 v | 1 |

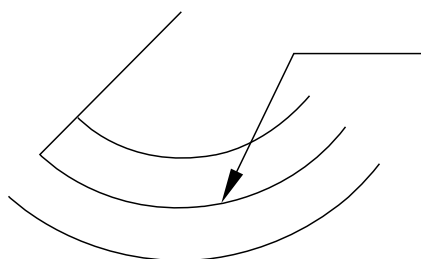




直线
长度: 

圆退   

ξ γ γ $\dot{B}$ h h^* γ γ
 γ h γ γ $\parallel$



Ė

~

B

Ė

~

ă

7

~ 1

1

1~

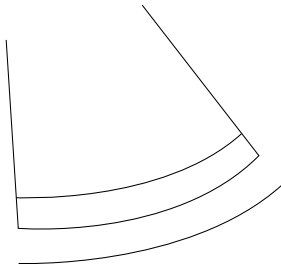
B~

1

Ė

~ 1

Ė



Ė ă 1 Ė ă ~ 11 h h~

1 h 1

~
11 11

1
~
1
~

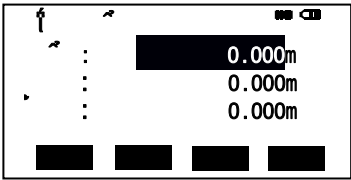
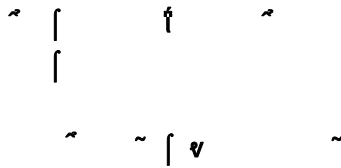
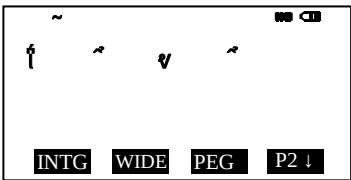
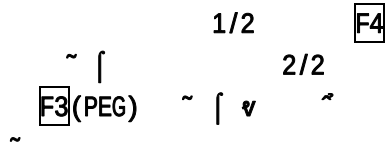
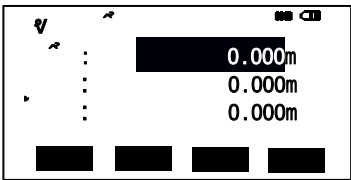
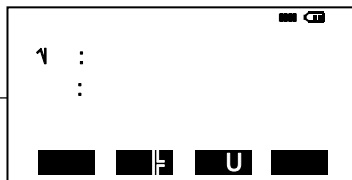
INTG
WIDE
PEG
P2 ↓

缓和皮膚



~ ~ |







U w B Q | U U
w B Q |
|
~
w B ~ k U
B U' k

~ |

1 G U | p
 a

~		a
		~
		e e a v v
		v
		i ~ .

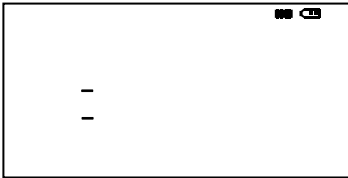


|

ρ

~

-



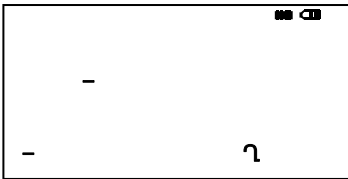
F2(

U

) ,

~ |

↑ 2/2



3

F4

□ -

~ |

↑ ||

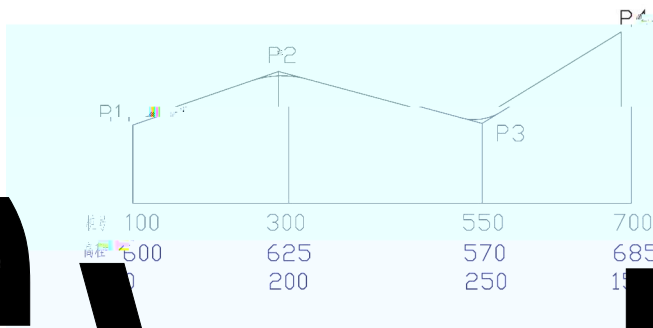
-

غ

'

~

غ



U [] B

[ũ]



*1 Å

Ė



i

100.000
50.000m
0.000m

200.000
63.000m
0.000m

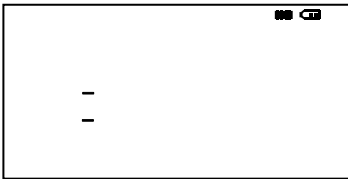
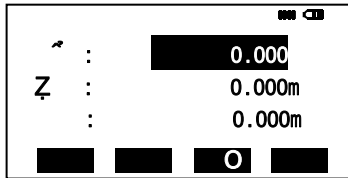
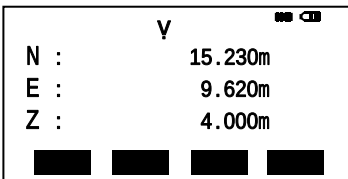
$$*1 \quad \sim \quad F4(\quad) \quad \sim \quad k$$

k c

$\tilde{G}$ U | $\dot{p}$
 $\check{\alpha}$

↗

D



F2(2/2) ,
U ~ |

~ |

F1
U
~ ~ Z
*1 *2
ENT

F4()
| 1

*1 ~ ~ G
*2 F3(O) ~
9.2.3

~ ~ " ~ "
~ ~ i



*3 Z

Z

U

This image shows a single sheet of white paper with faint horizontal ruling lines. Two lines are visible near the top edge of the page, suggesting it might be part of a notebook or a form designed for writing. The rest of the page is empty.

U	Y		
N :	27.230m		
E :	19.600m		
Z :	3.010m		
Q	[7]	[]	

```
%o U
> %o?      [ 1 ] [  ]
```

1 1 2/2

$$\boxed{F_2}(\quad) \quad ,$$

$$U \quad \sim \quad \int$$
$$2 \quad \square \quad \sim \int$$

3 **F2** U
U
, ~ ~ ~ Z

U	*1	*2	*3	ENT
---	----	----	----	-----

5 **F4**() U
 - U

$\%U$ F4()

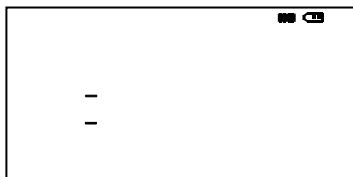
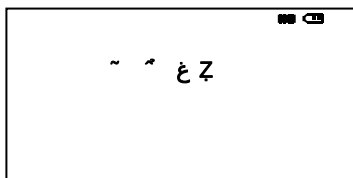
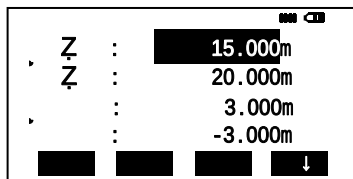
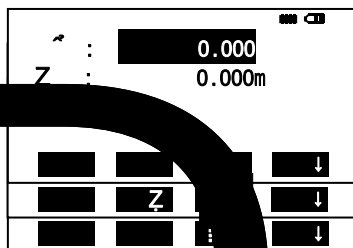
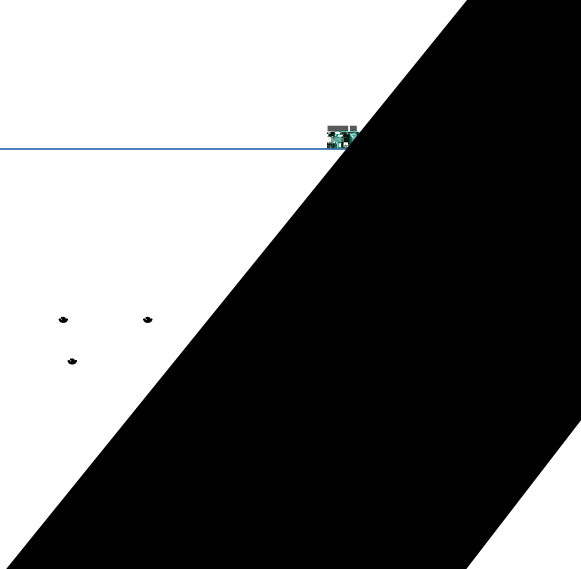
*1 ~ $\bar{G}$
 *2 $F_3(O)$
 9.2.4

غ ~ U ĩ “ ”

***3 Z**

Z

Z

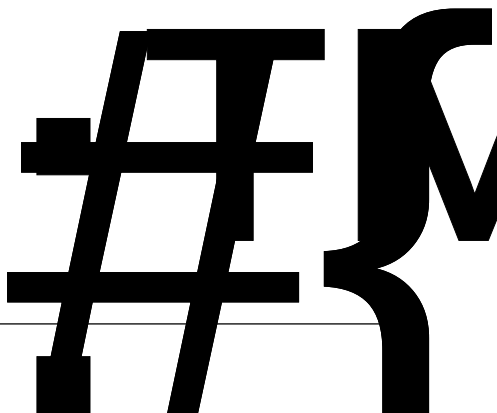


F2() ,
U ~ |
□ ,
F3 END (SS) DE
F2 ~ ~ & Z
~ %

ENT()

)

°





~

Y

~

~

~

ε

~

~

↑

↗ ↑

:		0.000m	
:		0.000m	
:		0.000m	
:		0.000m	
:		0.000m	

↑		0.000	
→		0.000	
			A

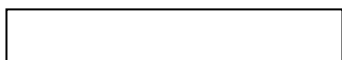
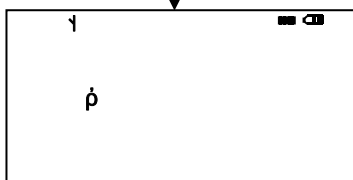
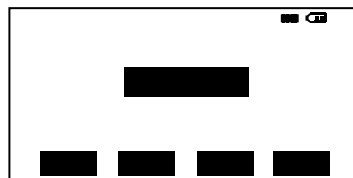
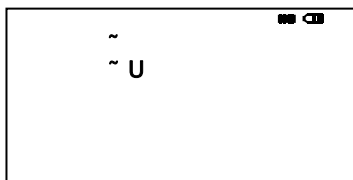
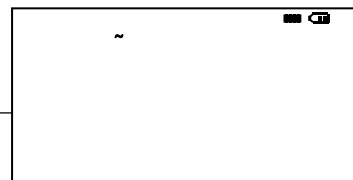
~

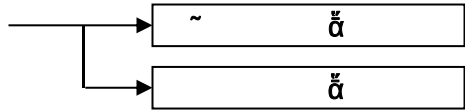
Ė

í

U

ı





$\dot{\rho}$ $\downarrow \sim$ $\frac{7}{8} N_0$ $\ddot{U}$ $\dot{\rho}$ $\dot{\epsilon}$ $\ddot{U}$ $\sim$ $\square$
 $\bar{G}$ λ $\dot{\epsilon}$

1	τ	$\sim$	γ	$\sim$
	$\bar{G}$	$\ddot{U}$	$\sim$	$\mathbb{F}$
2	η	$\dot{\omega} \%$	τ_H	$\ddot{\omega}$ $\ddot{U}$ $\sim$ $\mathbb{F}$

$\dot{i}$ $\ddot{U}$ $\square$ O
 U $\mathbb{F}$ $\square$ $\bar{G}$ λ $\dot{\epsilon}$ $\bar{R}$ $\dot{\omega}$ $\ddot{a}$
 γ $\dot{\omega}$ γ $\bar{G}$ λ
 $\dot{i}$ U $\dot{\omega}$ $\square$
 $\bar{G}$ $\sim$ $\dot{\epsilon}$ $\dot{i}$ h
 U O $\dot{\epsilon}$ $\ddot{U}$

ଫ

ଝ

ଉ ଇ ଝ

U

†

ϕ

†

h

Ė

~

~

†

Ė

h

γ

~

≠

ρ

~

U

h

~

≠

ρ

~

U

~

h

~ ρ

~ ã

~

Ė

D

≠

ρ

~

O

1

† (1/2)

F1

~

)

,†

†

2

F3

()

3

~

O *1)

Aî

ENT

F4()



		00 01
N	152.258	
E	376.310	
Z	2.3-	



*1

0

1.8"

~

"

*2

~

~

~

ρ

~

F2

ρ

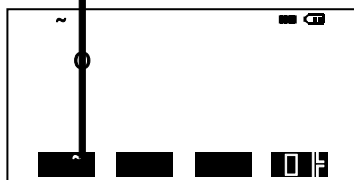
|

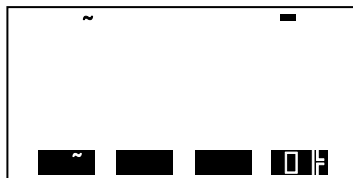
↑

"

O

"

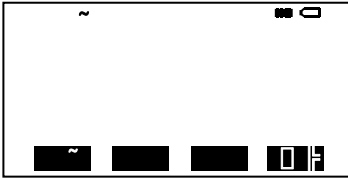






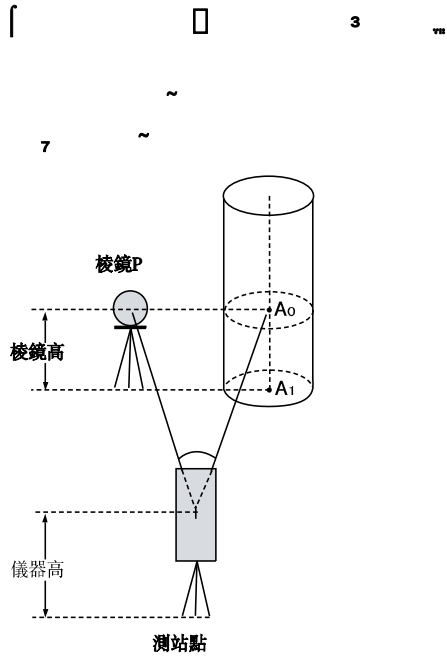
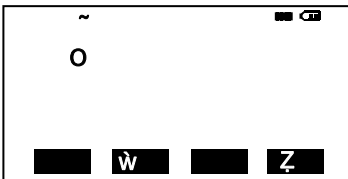
~

~





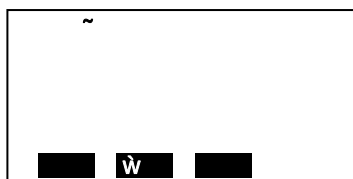
Z
Z

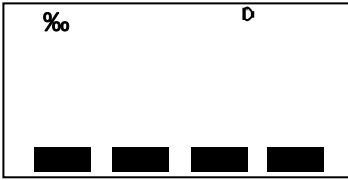


F4 Z F3



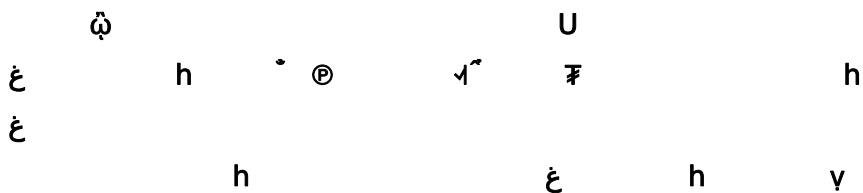
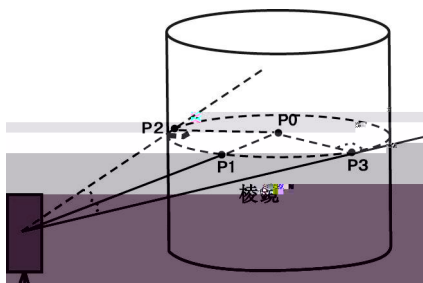
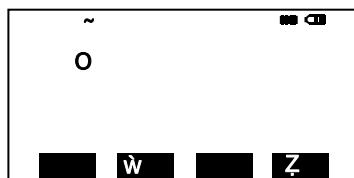
‰







“ α “ ”


$$\alpha \quad " "$$


3

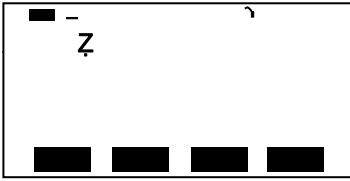
	F3	
	F4(Z)	
3	F4(Z)	

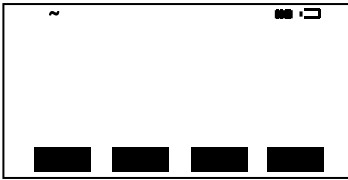
4 ‰ P1

F1

U

P2





w $\downarrow$ $\xi \neq \rho$
 $\sim \rho$ $\downarrow$ $\sim$ $\sim$
 $\sim$ $\sim$ ρ
 $\sim$ $\sim$ ρ $\sim$
 $\tilde{\alpha}$ $\downarrow$ $\sim \rho$ $\sim$ $\downarrow \eta$ $\sim \rho$ ρ
 $\%No$ ξ $\downarrow$

$\sim$	$\downarrow$	$\sim$
$\tilde{G}$ $\tilde{U}$ $\sim$ $\tilde{F}$	$\tilde{\omega}$ $\tilde{U}$ $\sim$ $\tilde{F}$	
η	$\tilde{\omega} \tilde{H}$ $\%o$ $\tilde{H}$	
	$\tilde{I} \rho$ $\sim \neq$ $\tilde{U}$	

3

~

ī U

FN :

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

~

1

ρ

~

$\bar{G}$

D

$\tilde{U}$

~

[REDACTED]

[REDACTED]

[REDACTED]

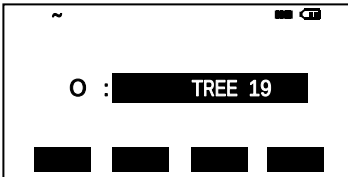
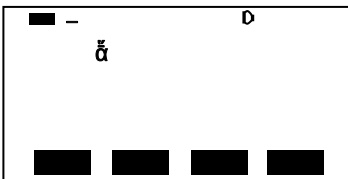
[REDACTED]

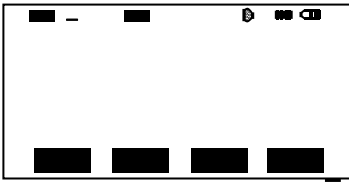


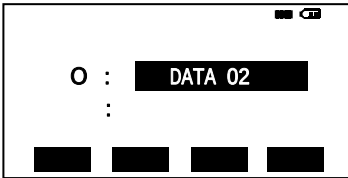
0 ≠ 0' ~ U



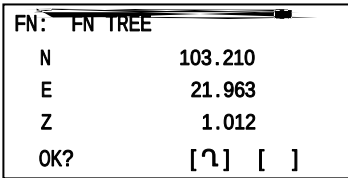
$\sim$ $\sim$ $\sim$ L
 $\dot{p}$ $\dot{p}$ $\dot{p}$
 $\sim$ $\dot{v}$ $\dot{v}$
 $\dot{p}$ $\dot{v}$







Á





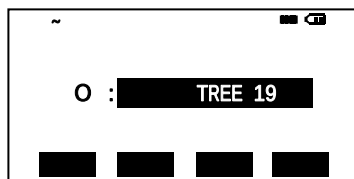
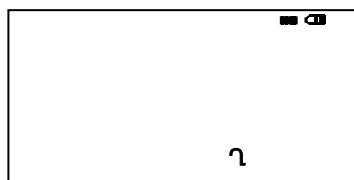
7

7

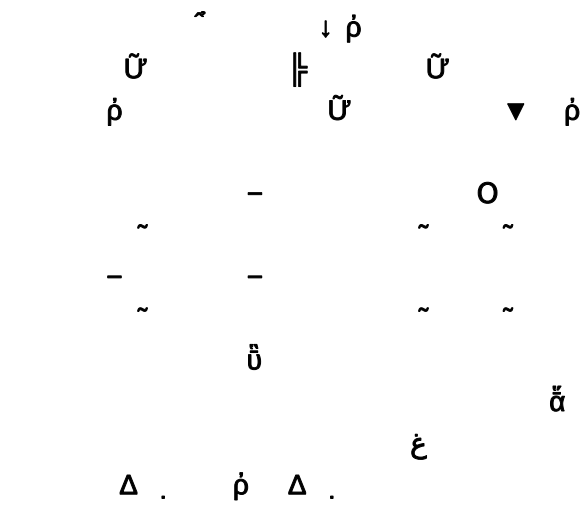
~

~ O ~

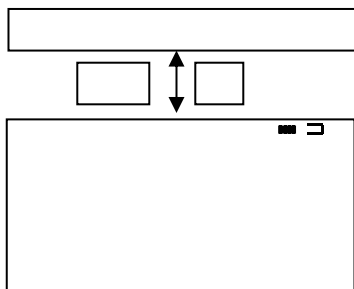
D



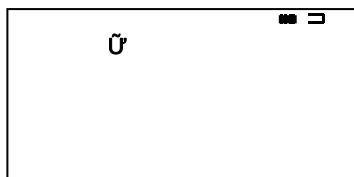
1 1 1/2 F3
P F2
2 ↓ φ ~ ~ h
h
3 F1
~ [▲] [▼] ~
h ↓ ~
4 ESC
5 ENT 8 F4()
~



ρ γ
 $\square$ $\sim$ γ
 $\square$ ρ ρ γ



104





ρ

$\bar{G}$

ξ



D

O



ǎ

~



~



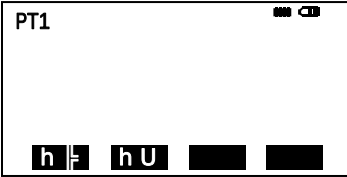
-

~

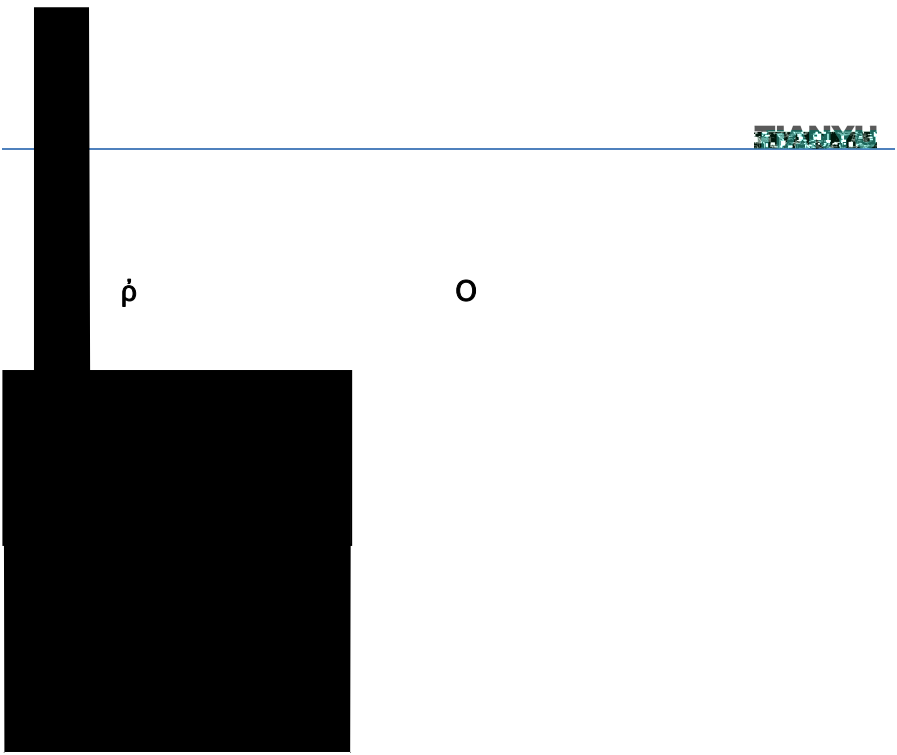
-

w ~

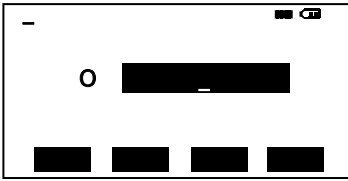
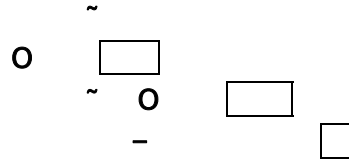
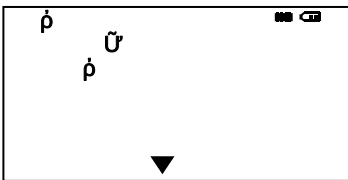
ŕ



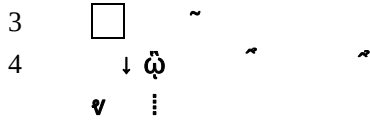
~
O







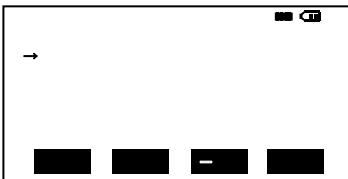
2



4



6



[illegible]

2 0

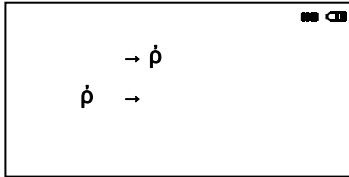
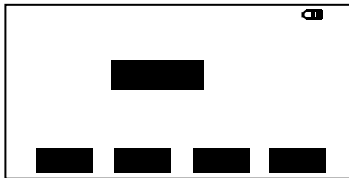
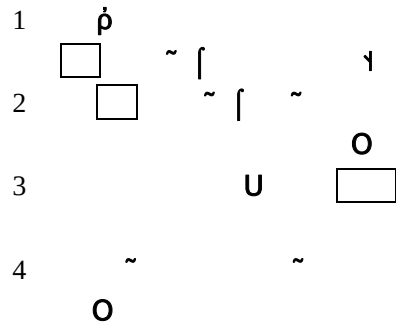
→ " Ů ě U Ě í U
í ñ ě 7 k O 7
ě



w "H

ó

é

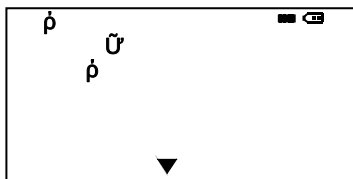


□

□ y~

Δ . ó Ů ↓ ~ Δ .
 η é

é
 ▯ Δ . é



Δ . B9 CTE 2.
ΣΑ9, P BQ+ bAw xp B)) ,

Δ

Äp `Ð(€

í , ã
~



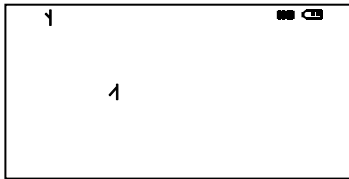
0



~

⌈

1



1/2

F1

~

⌈ 1
No≠

F1-F4*

1

~

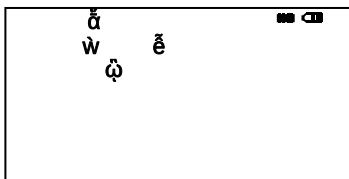
1

ĩ ã

1		9	1 9
			1
	1	1	1 1
			1

~

ˆ ã



1/2

F2

~

⌈ ã

-

1

2

3

4

5

6

€0





	9 L	

[٥]

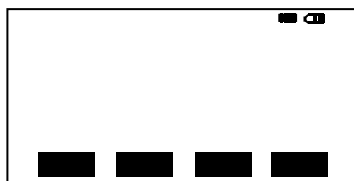
F1: [1 "]
F2: 5 "

F4 ~ ǎ
" ǎ U
|

٥

F1: []
F2:

ǎ 2/2
F1 ~
" " ǎ
U |



D



F1: [τ]
F2: [$\bar{e}$]

~ ~ ï O

F1:
F2:

~
O

1 F1 ~
2 F2 O ï

~ 2 ~ ~

F1:
F2:
F3:

~ ~ ~
~ ~
~ ~

~ ~
1 2/2 F1
ï ~ | ï

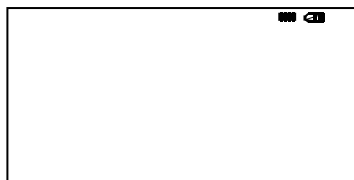
60 № ð

↓ ~ ~

F1: [~]
F2: ~

~ | ï F1
~ | ~ ~
U [] " ~ "
| ï

□



~

↑

↑

↪ ↓

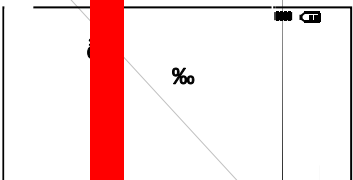
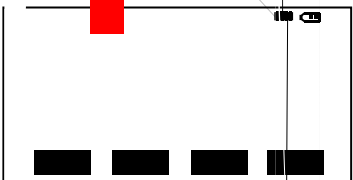
~

~

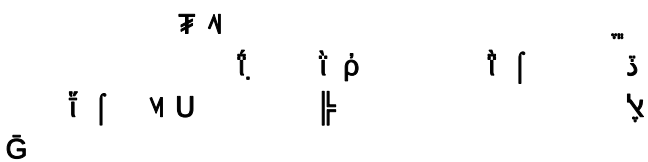
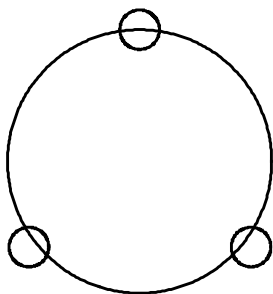
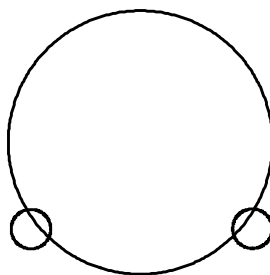
∫ ≠ 1

—

e



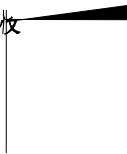
S





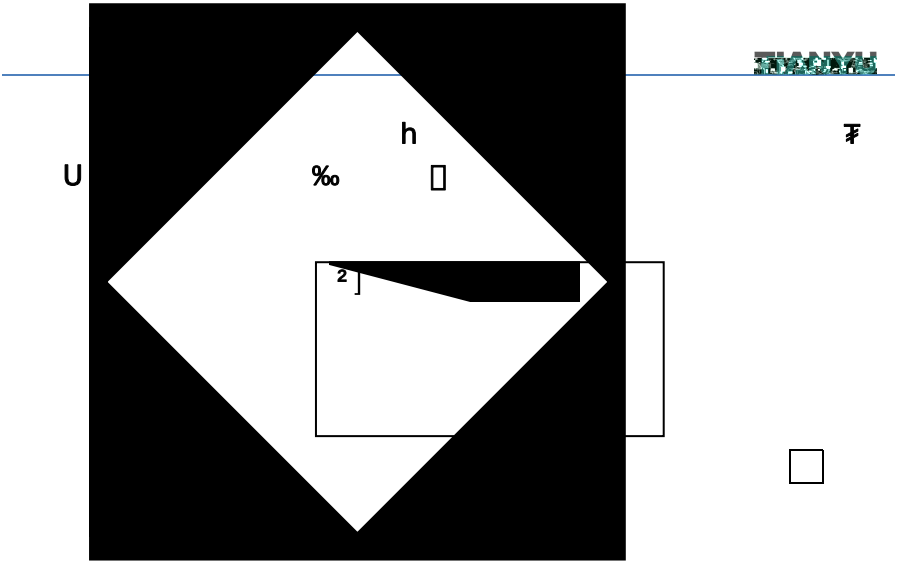
□
‰ Ů
¤
‰ Ĩ ¤
‰ || Ĩ ¤
¤ Ĩ ¤
¤

十字丝板





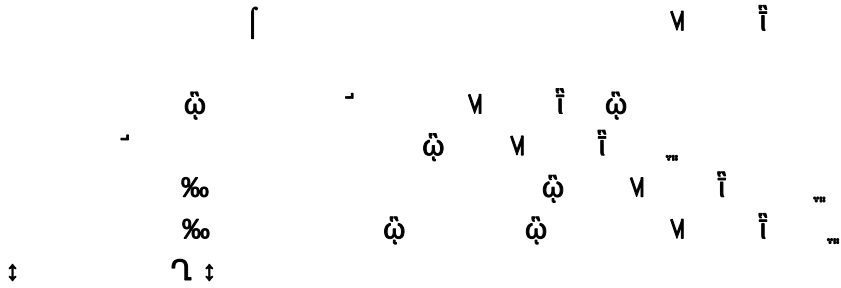
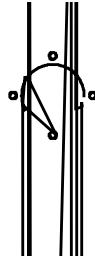
ı ı̇ ı̈ ı̉ ı̊ ı̋ ı̌ ı̍ ı̎ ı̏ ı̐ ı̑ ı̒ ı̓ ı̔ ı̕ ı̖ ı̗ ı̘ ı̙ ı̚ ı̛ ı̜ ı̝ ı̞ ı̟ ı̠ ı̡ ı̢ ı̣ ı̤ ı̥ ı̦ ı̧ ı̨ ı̩ ı̪ ı̫ ı̬ ı̭ ı̮ ı̯ ı̰ ı̱ ı̲ ı̳ ı̴ ı̵ ı̶ ı̷ ı̸ ı̹ ı̺ ı̻ ı̼ ı̽ ı̾ ı̿ ı̺̃ ı̻̃ ı̼̃ ı̽̃ ı̾̃ ı̿̃ ı̺̄ ı̻̄ ı̼̄ ı̽̄ ı̾̄ ı̿̄ ı̺̅ ı̻̅ ı̼̅ ı̽̅ ı̾̅ ı̿̅ ı̺̆ ı̻̆ ı̼̆ ı̽̆ ı̾̆ ı̿̆ ı̺̇ ı̻̇ ı̼̇ ı̽̇ ı̾̇ ı̿̇ ı̺̈ ı̻̈ ı̼̈ ı̽̈ ı̾̈ ı̿̈ ı̺̉ ı̻̉ ı̼̉ ı̽̉ ı̾̉ ı̿̉ ı̺̊ ı̻̊ ı̼̊ ı̽̊ ı̾̊ ı̿̊ ı̺̋ ı̻̋ ı̼̋ ı̽̋ ı̾̋ ı̿̋ ı̺̌ ı̻̌ ı̼̌ ı̽̌ ı̾̌ ı̿̌ ı̺̍ ı̻̍ ı̼̍ ı̽̍ ı̾̍ ı̿̍ ı̺̎ ı̻̎ ı̼̎ ı̽̎ ı̾̎ ı̿̎ ı̺̏ ı̻̏ ı̼̏ ı̽̏ ı̾̏ ı̿̏ ı̺̐ ı̻̐ ı̼̐ ı̽̐ ı̾̐ ı̿̐ ı̺̑ ı̻̑ ı̼̑ ı̽̑ ı̾̑ ı̿̑ ı̺̒ ı̻̒ ı̼̒ ı̽̒ ı̾̒ ı̿̒ ı̺̓ ı̻̓ ı̼̓ ı̽̓ ı̾̓ ı̿̓ ı̺̔ ı̻̔ ı̼̔ ı̽̔ ı̾̔ ı̿̔ ı̺̕ ı̻̕ ı̼̕ ı̽̕ ı̾̕ ı̿̕ ı̺̖ ı̻̖ ı̼̖ ı̖̽ ı̖̾ ı̖̿ ı̺̗ ı̻̗ ı̼̗ ı̗̽ ı̗̾ ı̗̿ ı̺̘ ı̻̘ ı̼̘ ı̘̽ ı̘̾ ı̘̿ ı̺̙ ı̻̙ ı̼̙ ı̙̽ ı̙̾ ı̙̿ ı̺̚ ı̻̚ ı̼̚ ı̽̚ ı̾̚ ı̿̚ ı̛̺ ı̛̻ ı̛̼ ı̛̽ ı̛̾ ı̛̿ ı̺̜ ı̻̜ ı̼̜ ı̜̽ ı̜̾ ı̜̿ ı̺̝ ı̻̝ ı̼̝ ı̝̽ ı̝̾ ı̝̿ ı̺̞ ı̻̞ ı̼̞ ı̞̽ ı̞̾ ı̞̿ ı̺̟ ı̻̟ ı̼̟ ı̟̽ ı̟̾ ı̟̿ ı̺̠ ı̻̠ ı̼̠ ı̠̽ ı̠̾ ı̠̿ ı̡̺ ı̡̻ ı̡̼ ı̡̽ ı̡̾ ı̡̿ ı̢̺ ı̢̻ ı̢̼ ı̢̽ ı̢̾ ı̢̿ ı̺̣ ı̻̣ ı̼̣ ı̣̽ ı̣̾ ı̣̿ ı̺̤ ı̻̤ ı̼̤ ı̤̽ ı̤̾ ı̤̿ ı̺̥ ı̻̥ ı̼̥ ı̥̽ ı̥̾ ı̥̿ ı̺̦ ı̻̦ ı̼̦ ı̦̽ ı̦̾ ı̦̿ ı̧̺ ı̧̻ ı̧̼ ı̧̽ ı̧̾ ı̧̿ ı̨̺ ı̨̻ ı̨̼ ı̨̽ ı̨̾ ı̨̿ ı̺̩ ı̻̩ ı̼̩ ı̩̽ ı̩̾ ı̩̿ ı̺̪ ı̻̪ ı̼̪ ı̪̽ ı̪̾ ı̪̿ ı̺̫ ı̻̫ ı̼̫ ı̫̽ ı̫̾ ı̫̿ ı̺̬ ı̻̬ ı̼̬ ı̬̽ ı̬̾ ı̬̿ ı̺̭ ı̻̭ ı̼̭ ı̭̽ ı̭̾ ı̭̿ ı̺̮ ı̻̮ ı̼̮ ı̮̽ ı̮̾ ı̮̿ ı̺̯ ı̻̯ ı̼̯ ı̯̽ ı̯̾ ı̯̿ ı̺̰ ı̻̰ ı̼̰ ı̰̽ ı̰̾ ı̰̿ ı̺̱ ı̻̱ ı̼̱ ı̱̽ ı̱̾ ı̱̿ ı̺̲ ı̻̲ ı̼̲ ı̲̽ ı̲̾ ı̲̿ ı̺̳ ı̻̳ ı̼̳ ı̳̽ ı̳̾ ı̳̿ ı̴̺ ı̴̻ ı̴̼ ı̴̽ ı̴̾ ı̴̿ ı̵̺ ı̵̻ ı̵̼ ı̵̽ ı̵̾ ı̵̿ ı̶̺ ı̶̻ ı̶̼ ı̶̽ ı̶̾ ı̶̿ ı̷̺ ı̷̻ ı̷̼ ı̷̽ ı̷̾ ı̷̿ ı̸̺ ı̸̻ ı̸̼ ı̸̽ ı̸̾ ı̸̿ ı̺̹ ı̻̹ ı̼̹ ı̹̽ ı̹̾ ı̹̿ ı̺̺ ı̻̺ ı̼̺ ı̺̽ ı̺̾ ı̺̿ ı̺̻ ı̻̻ ı̼̻ ı̻̽ ı̻̾ ı̻̿ ı̺̼ ı̻̼ ı̼̼ ı̼̽ ı̼̾ ı̼̿ ı̺̽ ı̻̽ ı̼̽ ı̽̽ ı̾̽ ı̿̽ ı̺̾ ı̻̾ ı̼̾ ı̽̾ ı̾̾ ı̿̾ ı̺̿ ı̻̿ ı̼̿ ı̽̿ ı̾̿ ı̿̿ ı̺̺̃ ı̻̺̃ ı̼̺̃ ı̺̽̃ ı̺̾̃ ı̺̿̃ ı̺̺̄ ı̻̺̄ ı̼̺̄ ı̺̽̄ ı̺̾̄ ı̺̿̄ ı̺̺̅ ı̻̺̅ ı̼̺̅ ı̺̽̅ ı̺̾̅ ı̺̿̅ ı̺̺̆ ı̻̺̆ ı̼̺̆ ı̺̽̆ ı̺̾̆ ı̺̿̆ ı̺̺̇ ı̻̺̇ ı̼̺̇ ı̺̽̇ ı̺̾̇ ı̺̿̇ ı̺̺̈ ı̻̺̈ ı̼̺̈ ı̺̽̈ ı̺̾̈ ı̺̿̈ ı̺̺̉ ı̻̺̉ ı̼̺̉ ı̺̽̉ ı̺̾̉ ı̺̿̉ ı̺̺̊ ı̻̺̊ ı̼̺̊ ı̺̽̊ ı̺̾̊ ı̺̿̊ ı̺̺̋ ı̻̺̋ ı̼̺̋ ı̺̽̋ ı̺̾̋ ı̺̿̋ ı̺̺̌ ı̻̺̌ ı̼̺̌ ı̺̽̌ ı̺̾̌ ı̺̿̌ ı̺̺̍ ı̻̺̍ ı̼̺̍ ı̺̽̍ ı̺̾̍ ı̺̿̍ ı̺̺̎ ı̻̺̎ ı̼̺̎ ı̺̽̎ ı̺̾̎ ı̺̿̎ ı̺̺̏ ı̻̺̏ ı̼̺̏ ı̺̽̏ ı̺̾̏ ı̺̿̏ ı̺̺̐ ı̻̺̐ ı̼̺̐ ı̺̽̐ ı̺̾̐ ı̺̿̐ ı̺̺̑ ı̻̺̑ ı̼̺̑ ı̺̽̑ ı̺̾̑ ı̺̿̑ ı̺̺̒ ı̻̺̒ ı̼̺̒ ı̺̽̒ ı̺̾̒ ı̺̿̒ ı̺̺̓ ı̻̺̓ ı̼̺̓ ı̺̽̓ ı̺̾̓ ı̺̿̓ ı̺̺̔ ı̻̺̔ ı̼̺̔ ı̺̽̔ ı̺̾̔ ı̺̿̔ ı̺̺̕ ı̻̺̕ ı̼̺̕ ı̺̽̕ ı̺̾̕ ı̺̿̕ ı̺̺̖ ı̻̺̖ ı̼̺̖ ı̺̖̽ ı̺̖̾ ı̺̖̿ ı̺̺̗ ı̻̺̗ ı̼̺̗ ı̺̗̽ ı̺̗̾ ı̺̗̿ ı̺̺̘ ı̻̺̘ ı̼̺̘ ı̺̘̽ ı̺̘̾ ı̺̘̿ ı̺̺̙ ı̻̺̙ ı̼̺̙ ı̺̙̽ ı̺̙̾ ı̺̙̿ ı̺̺̚ ı̻̺̚ ı̼̺̚ ı̺̽̚ ı̺̾̚ ı̺̿̚ ı̛̺̺ ı̛̻̺ ı̛̼̺ ı̛̺̽ ı̛̺̾ ı̛̺̿ ı̺̺̜ ı̻̺̜ ı̼̺̜ ı̺̜̽ ı̺̜̾ ı̺̜̿ ı̺̺̝ ı̻̺̝ ı̼̺̝ ı̺̝̽ ı̺̝̾ ı̺̝̿ ı̺̺̞ ı̻̺̞ ı̼̺̞ ı̺̞̽ ı̺̞̾ ı̺̞̿ ı̺̺̟ ı̻̺̟ ı̼̺̟ ı̺̟̽ ı̺̟̾ ı̺̟̿ ı̺̺̠ ı̻̺̠ ı̼̺̠ ı̺̠̽ ı̺̠̾ ı̺̠̿ ı̡̺̺ ı̡̻̺ ı̡̼̺ ı̡̺̽ ı̡̺̾ ı̡̺̿ ı̢̺̺ ı̢̻̺ ı̢̼̺ ı̢̺̽ ı̢̺̾ ı̢̺̿ ı̺̺̣ ı̻̺̣ ı̼̺̣ ı̺̣̽ ı̺̣̾ ı̺̣̿ ı̺̺̤ ı̻̺̤ ı̼̺̤ ı̺̤̽ ı̺̤̾ ı̺̤̿ ı̺̺̥ ı̻̺̥ ı̼̺̥ ı̺̥̽ ı

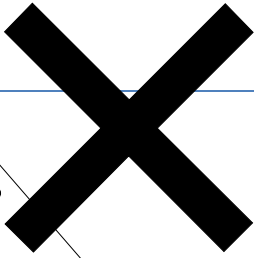


↓
‰
P
~
v
‰
L
U
ě ě k
7 L ā
f
v i



$\dot{\omega}$ U M $\frac{n}{l}$
 - ° M $\frac{n}{l}$ " M $\frac{n}{l}$
 % ° M $\frac{n}{l}$ " M $\frac{n}{l}$





●

7

G

ε
ε

G

1

ε

i

No

...

78



50m 左

7 1 2

7



	A
"E	"E
Ò	
No	



∂	
	$\pm$

	$\tilde{\phi}$
	A
$\tilde{\phi}$	$\sim 2 \tilde{\phi}$
	$\dot{\rho}$
	$\zeta \leq$
	$\leq$

	A

	$\sim$
	A

	A

	$\tilde{U}$
	A

	A
	~ H
1	

	A

	ĩ
	A

	A
ŵ	
ı	~
	~

ă	:
:	□ ă , ă U
:	
a.	5 ʼE ŵ

b.	20`E			ϕ
c.	40`E			
d.	γ			
e.		90%	γ	
f.		18%	γ	
g. Δ				
h.				
i.				
		A		
γ		m/ft		
		70-150MHz		
ϕ ξ		~ α ~ , K=0.14/0.2~		
γ		~ α ~		
		1mm		
		~ / ~		
γ			a	γ 2000m/ 2600m
			b	γ 3500m/ 4500m
			c	γ 4000m/ 5000m
	γ		a	700m
			b	1000m
			c	1200m
		e	a	(*50m)
			b	(*80m)
			c	(*100m)
		f	a	(*25m)
			b	(*40m)
			c	(*50m)

	g	1.2s		
	h	0.5s		
	i	0.25s		
ü	g	1.0s		
	h	0.5s		
	i	0.25s		
	g	0.5-3s		ü
vi	h	↘ ↑ ↘		10s
	i	0.25-3s		ü
		↘ ↑ ↘		10s
		±		



3	୨	ଫି ୨ % ୪
	୩	ଫି ୨ % ୪

~ || : NTS-332

$R^n(X)$

A

%

A

ẽ

A

ϕ

A

()

ϕ

A

()

A

~

A

A

Ů

A

Æ H

~
O
M ⇔ ï O
~ ð ð -

Æ

ð ð
ð
O ,
O †
ð |
~
P

[illegible]

φ

φ

φ $h \neq$ i φ

၉

ဝံ
ပီ ဝံ ခိ ၊

ဝံ ပီ
ဝံ ဝံ ၇ ဂ ဝံ

[illegible]



‘Υ



Λ

3

ε ‰

GB/T 27663-2011 ‡

JJG100-2003 ‡

ε L ~ ~



L 04000302~

‰



ˆ

Ů ̈́

ẽ

↵

ˆE

11~ (.)