7V[illegible]

D}F^ x [illegible]E

g[illegible] **V1.8**

[illegible] **2023-04-10**

copyright © 2023 iH[illegible]

copyright © 2023 iHèa

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- iH[illegible]4 FØ [illegible]y 4008111000@ruijie.com.cn
- iH[illegible]4F[illegible]Ø doc@ruijie.com.cn

4i:Æ APP iH[illegible]Z

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1. [illegible]

[illegible]

[illegible]			
nPM}[illegible]-	ož[illegible]	k [illegible]v4[illegible]	k k[illegible]k-è
K[illegible]	ož		

A[illegible]e

>[illegible]p+[illegible]F[illegible]0>[illegible]%7328*[illegible]gLA[illegible].

[illegible]

>[illegible]p+[illegible],º H[illegible]%7328*[illegible]3g~L]73L[illegible]

[illegible]

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+[illegible]=+iD=/p1[illegible]P28*[HD[illegible]

[illegible] [illegible] /(~be7[illegible]

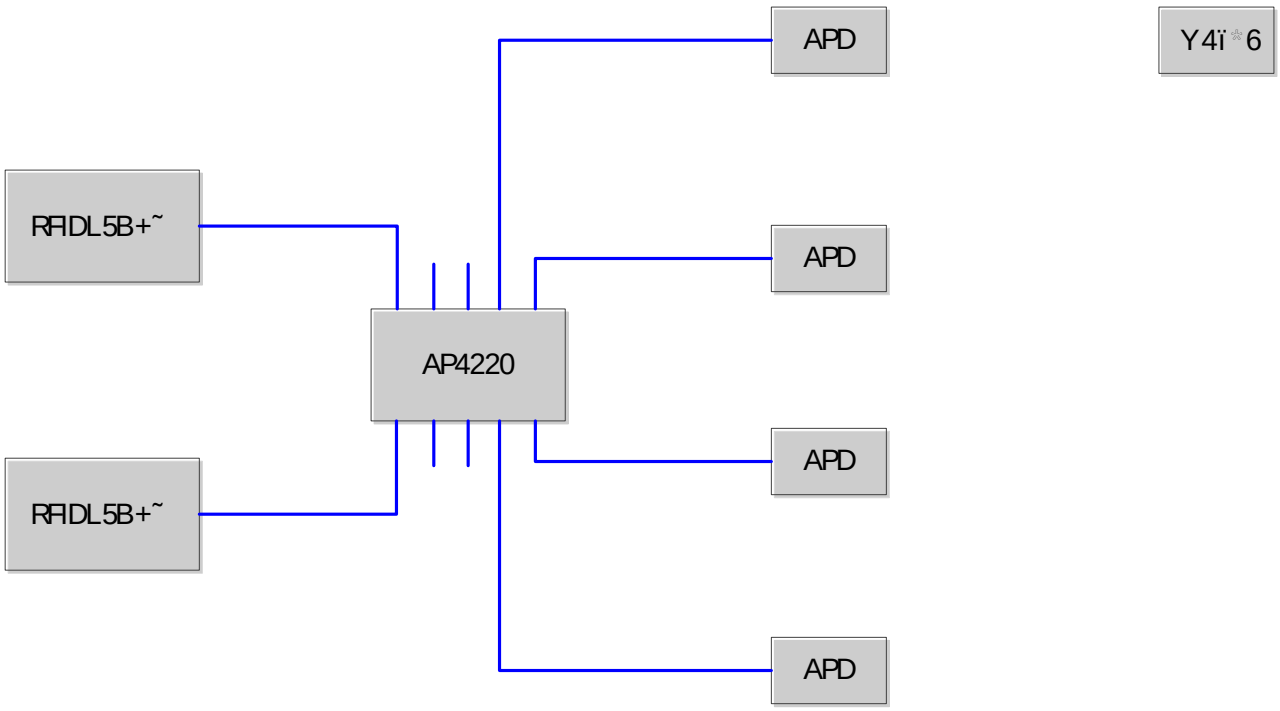
+[illegible](~be7[illegible] B*D>

1 CÞÉ

1.1 CÞÒ

[illegible] 2.4G NÁ¢ [illegible] 5G M&%[$1yLNÈ´ [illegible] @ã [illegible]

[illegible] APÃ APDÃNÁ561yz[illegible] AP ¶ 48 [illegible] RFID 4NÁÇÈ1 RFID [illegible]7-È APD µ@6 APÈ1 2.4G/5G M&%[$È9 5G M&%[$F 11ac [illegible] 5[illegible] [illegible]



1.2 [illegible]

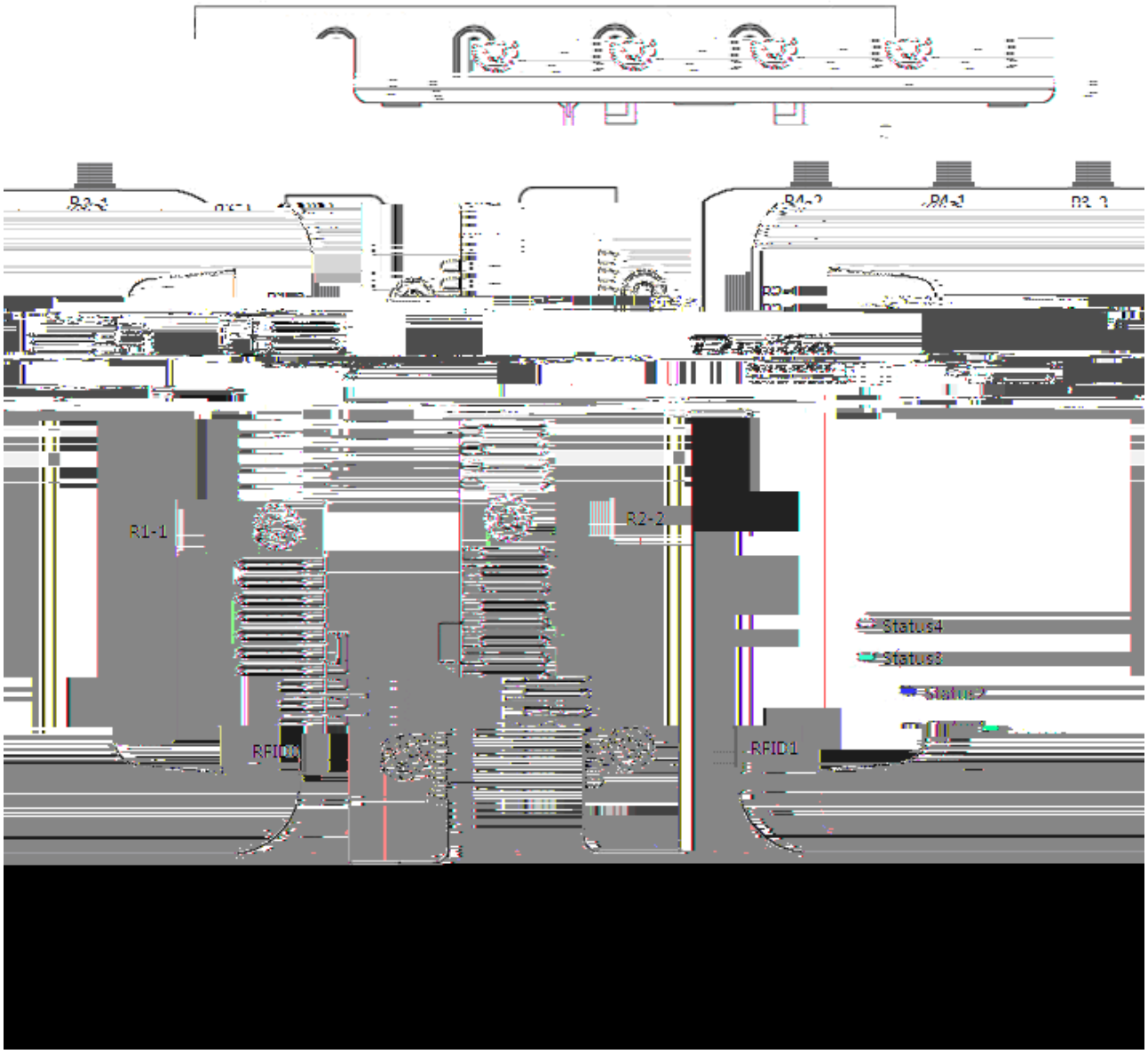
1.2.1 RG-AP4220

1.2.1.1 RG-AP4220 C[illegible]

[illegible]	RG-AP4220
4[illegible]	
PEÃÞ	D[illegible] 802.11ac/n/a/g/b [illegible]
4 [illegible] RRM	F[illegible]3Ä DCAÅ [illegible]8[illegible] TPCÅ -[illegible]
1Fƒ	802.11b/g/nÖ 13 [illegible] 1~6 [illegible]Å 802.11a/n/acÖ 41 [illegible] 149~165 [illegible]Å
[illegible]O)·	802.11aÖ 54/48/36/24/18/12/9/6Mbps 802.11bÖ 11/5.5/2/1Mbps 802.11gÖ 54/48/36/24/18/12/11/9/6/5.5/2/1Mbps 802.11nÄ 20MHz [illegible] : 72.2/65/58.5/57.8/52/43.3/39/28.9/26/21.7/19.5/14.4/13/7.2/6.5Mbps 802.11nÄ 40MHz [illegible]

	150/120/135/121.5/120/108/90/81/60/54/45/40.5/30/27/15/13.5Mbps 802.11acÖ 0QFO)· 433Mbps(NSS1È VHT80)
(*θ(©W	
j(	200mm×190mm×35mmÁ h$ ×Q Å
GÓÿ	=CÊ÷ 2kg(6ý [[2æ])
≥θ	ãÞ &W¾ÿ])

1.2.1.2 RG-AP4220 CØ ¢



Ø	1. Status1 R1-1&R1-2 ¼ÁÕ		10. RFID0 RFID ¼ÁÕ 1È SMA Õ
	2. Status2 R2-1&R2-2 ¼ÁÕ		11. RFID1 RFID ¼ÁÕ 2È SMA Õ
	3. Status3 R3-1&R3-2 ¼ÁÕ		12. R1-1 CH1_2.4G,CH0_5.8G, ¼ÁÕ
	4. Status4 R4-1&R4-2 ¼ÁÕ		1È SMA Õ
	5. Power. +ÁÕ		13. R1-2 CH0_2.4G,CH1_5.8G, ¼ÁÕ
	6. LAN LAN ÁÕ		1È SMA Õ
	7. LAN/PoE. PoE ËÈ	LAN	14. R2-1 CH1_2.4G,CH0_5.8G, ¼ÁÕ
	8. 48V		2È SMA Õ
	9. Console RJ45 b		15. R2-2 CH0_2.4G,CH1_5.8G, ¼ÁÕ
			2È SMA Õ
			16. R3-1 CH1_2.4G,CH0_5.8G, ¼ÁÕ
			3È SMA Õ
			17. R3-2 CH0_2.4G,CH1_5.8G, ¼ÁÕ

	3È SMA Õ	
	18. R4-1	CH0_2.4G,CH1_5.8G, 4NÁ
	4È SMA Õ	
	19. R4-2	CH1_2.4G,CH0_5.8G, 4NÁ
	4È SMA Õ	

1.2.1.3 RG-AP4220 CÈ”

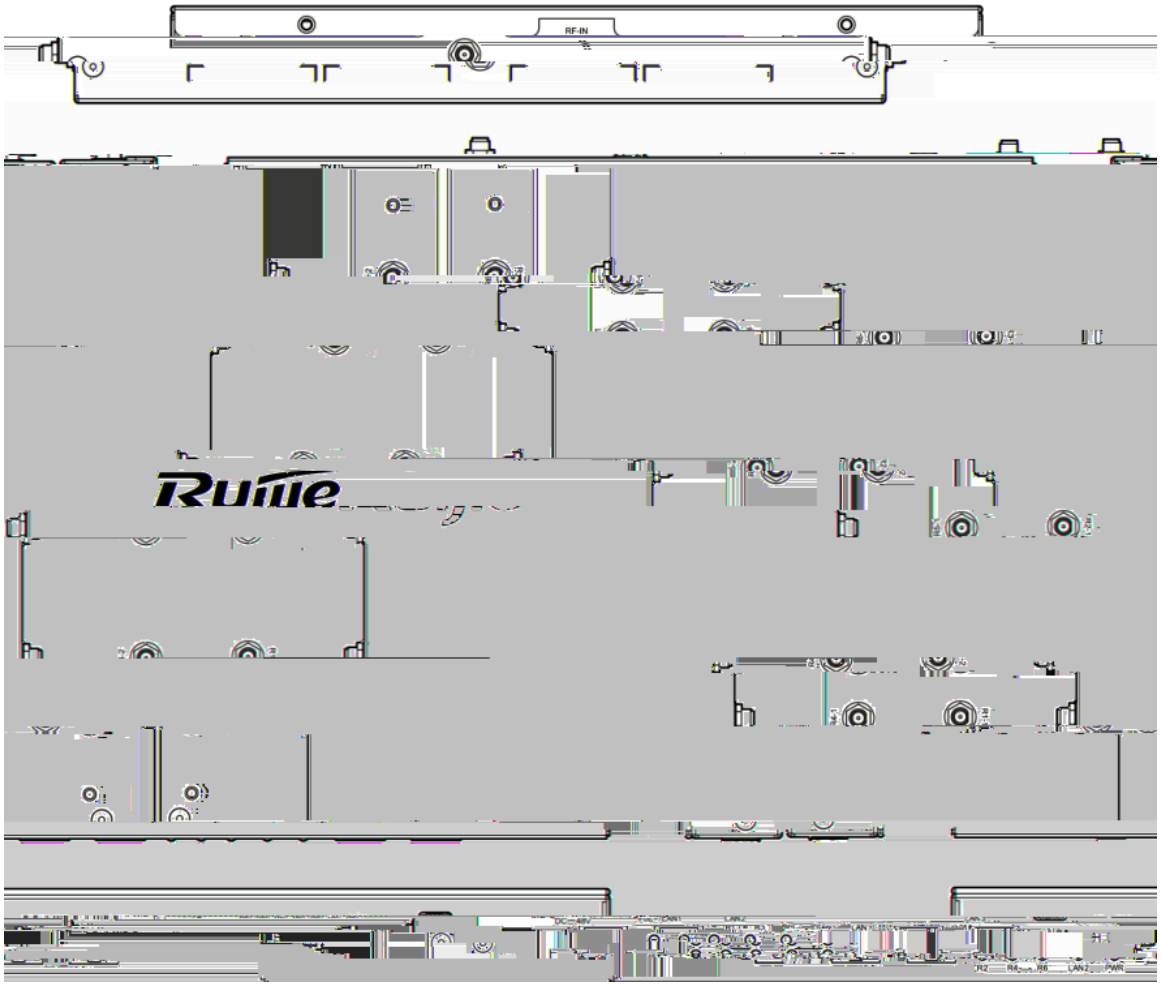
	Status1			R1-1&R1-2	
				R1-1	R1-2 2h
				R1-1 2	R1-2
				R1-1&R1-2	
	Status2			R2-1&R2-2	
				R2-1	R2-2 2h
				R2-1 2	R2-2
				R2-1&R2-2	
				R3-1&R3-2	
	Status3				

1.2.1.5 RG-AP4220 bCæ

RG-AP4220 G+XNp/AAÑ3È n5ÿ1ä È ÄX j1ã×ÿM¯ +©ã 10cm ,0ÊL$ È ¾

Health	EN 62311	
4NÁ	4ÄA7hÃ	EN300 328Ã EN301 893

1.2.2.2 RG-APD-M(EA)CØ ¢



Ó	1. R1 R1-1&R1-2 Ì¼ÁÝ	15.R1-1 AP Q‡4NÁ 1 È
	2. R2 R2-1&R2-2 Ì¼ÁÝ	CH0_2.4G,CH0_5.8G,SMA Õ
	3. R3 R3-1&R3-2 Ì¼ÁÝ	16.R1-2 APD ÑÁ 1È SMA Õ
	4. R4 R4-1&R4-2 Ì¼ÁÝ	17.R2-1 AP Q‡4NÁ 2 È
	5. R5 . R5-1&R5-2 Ì¼ÁÝ	CH0_2.4G,CH0_5.8G,SMA Õ
	6. R6 R6-1&R6-2 Ì¼ÁÝ	18.R2-2 APD ÑÁ 2È SMA Õ
	7. LAN1 LAN1 ¢ÁÝ	19.R3-1 AP Q‡4NÁ 3 È
	8. LAN2 LAN2 ¢ÁÝ	CH0_2.4G,CH0_5.8G,SMA Õ
	9. PWR +ÄÝ	20.R3-2 APD ÑÁ 3È SMA Õ
	10.LAN3 LAN3 ¢ÁÝ	21.R4-1 AP Q‡4NÁ 4 È
	11. PoE+ / LAN 1. PoE ÈÈ LAN	CH1_2.4G,CH0_5.8G,SMA Õ
	12. LAN 2. LAN È 48V ÈÕ	22.R4-2 APD ÑÁ 4È SMA Õ
	13.48V ÈÄÃ	23.R5-1 AP Q‡4NÁ 5 È
	14.LAN 3. LAN	CH1_2.4G,CH0_5.8G,SMA Õ

[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	R4	[illegible]	[illegible]
[illegible]	R5	[illegible]	[illegible] R5-1&R5-2 [illegible]
		[illegible]	[illegible] R5-1 [illegible] R5-2 2h
		[illegible]	[illegible] R5-1 [illegible] R5-2 [illegible]
[illegible]	R6	[illegible]	[illegible] R6-1&R6-2 [illegible]
		[illegible]	[illegible] R6-1 [illegible] R6-2 2h
		[illegible]	[illegible] R6-1 [illegible] R6-2 [illegible]
[illegible]	PWR	[illegible]	[illegible]
		[illegible]	[illegible] 2h
[illegible]	LAN1	[illegible]	[illegible] Link
		[illegible]	Link up
		[illegible]	Link/act
[illegible]	LAN2	[illegible]	[illegible] Link
		[illegible]	Link up
		[illegible]	Link/act
[illegible]	LAN3	[illegible]	[illegible] link
		[illegible]	Link up
		[illegible]	Link/act

1.2.2.4 RG-APD-M(EA)[illegible]

RG-APD-M(EA),[illegible]+X DC F65 PoE E[illegible]

X PoE [illegible] 802.3at F PoE+[illegible]

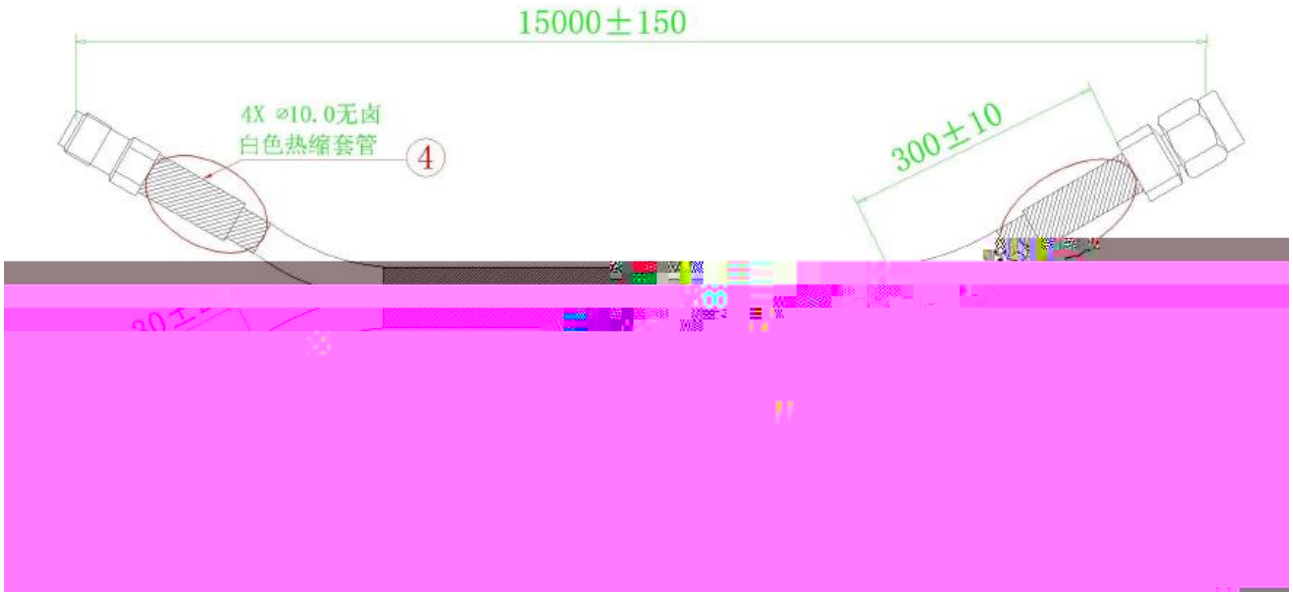
„ E[illegible] 44-57V

„ N[illegible] 0.5A [illegible]48V [illegible]

a PoE [illegible] PoE+[illegible]

[illegible]	7	SMA-J E[illegible]	
	8	[illegible]	35 2[illegible]

15 2£4Ƃ6F0



=ƒ2 4ƅ APD-M´ EAµ (Rn-1= Rn-2)Â4ƅ*,º F4ƅ

1.2.4 RG-IOA-2503-X5 ŽŽ

1.2.4.1 ŽŽ

ñ	RG-IOA-2503-X5
F0	6’
®	ñ
¡ÀÅ	ž 145h 36
G¢Å	0.14
ñÅ dBiÅ	7dBi@2400-2500MHz 5dBi@5150-5850MHz
Õ	T W SMA !Å
ÅÅ MHzÅ	2400-2500MHz&5150-5850MHz
ÅÅ	-10 ~+45

1.2.4.2 Ø ¢

DÁ RG

[redacted]

6ú	h52Z6c+a9NÇ	=6M*Ç	

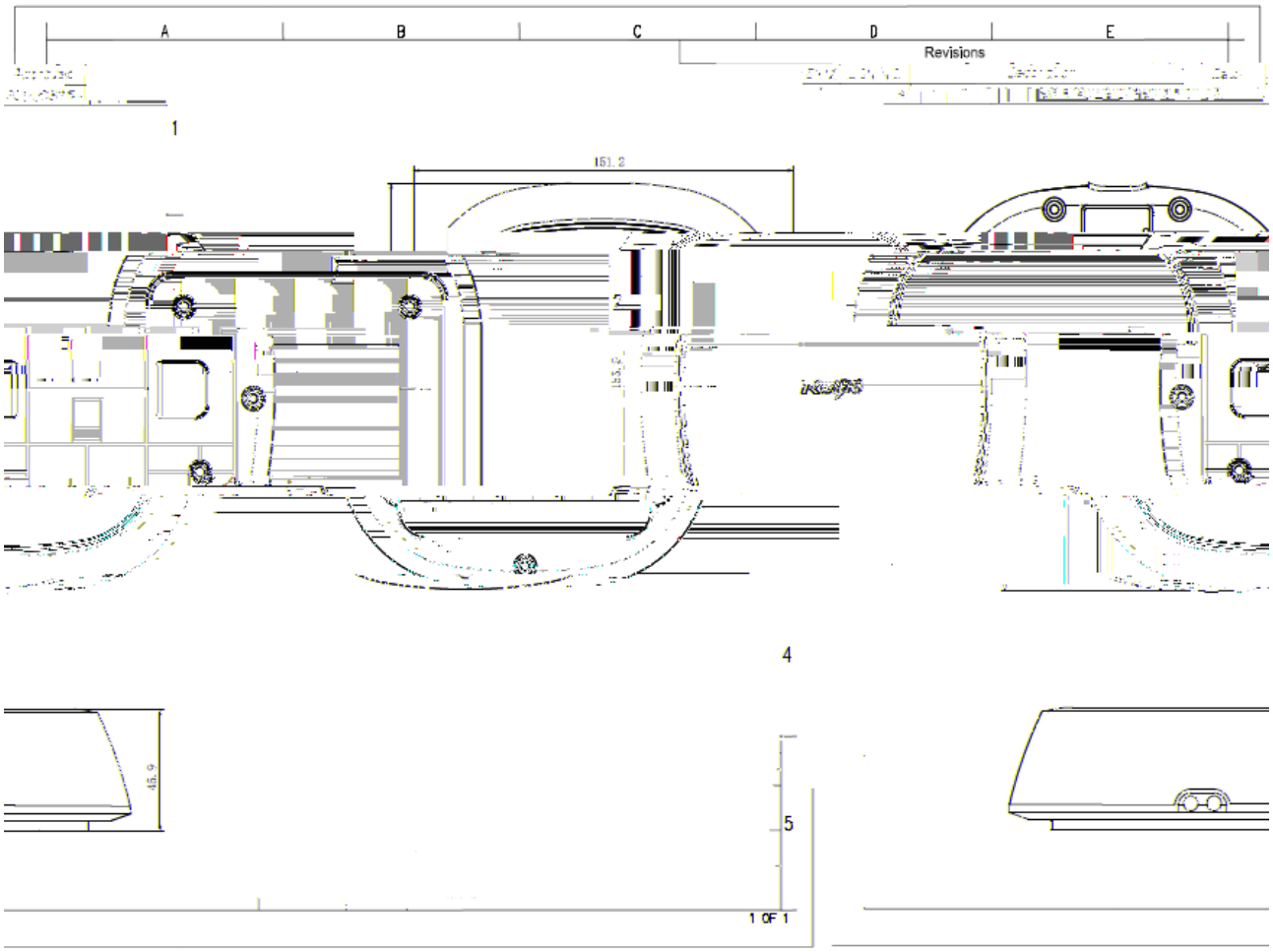
1.2.5 RG-IOA-2503-X6 Ž

1.2.5.1 Ž

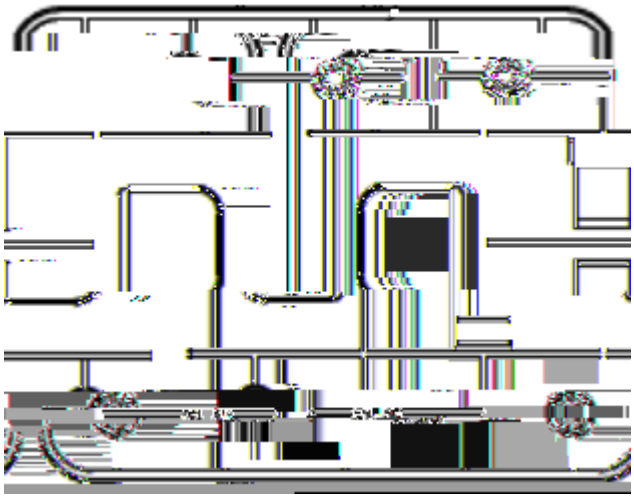
ñ	RG-IOA-2503-X6
F	ě
¡Å h ÈÅ	153h 151h 46
GÇÅ	0.14
ÃÅ dBiÅ	7dBi@2400-2500MHz 5dBi@5150-5850MHz
Õ	W SMA !Å
MHzÅ	2400-2500MHz&5150-5850MHz
E	-10 ~+45

1.2.5.2 Ž ¢

D RG-IOA-2503-X6 V1.00 5[2 Z ý W SMA ý Xjü
MÈ/jÖ



X6 ¥12æ



6ú	Ä 1Å ∓X	4 NÇM3*16mm ,=ª7Ø6Ä	¶ 6X30mmÅ2æÊÉ
	Ä 2Å 2æ6EÈHÈ5Ø/¥M0²	>6cm	Ìæ¥¥ÿ2æ9ÈÈ0¥¥+ØÊ
	,0ÊL$		

2 G[illegible]

2.1 G[illegible]

[illegible]

2.1.1 [illegible]

RG-AP4220 ¼ RG-APD-M(EA)[illegible]X j[illegible]× [illegible]M[illegible] +[illegible]ã 10cm ,0[illegible]$ È [illegible] D,[illegible]JÈ[illegible]F>[illegible]F
[illegible]/[illegible]64[illegible]6@4[illegible]6 - n5[illegible]XG}4[illegible]È}[illegible]QF[illegible]NÄ

2.1.2 [illegible].

[illegible]Añ A[illegible] ![illegible]05$0[illegible]4[illegible]1/8[illegible]
A[illegible]P[illegible]

„ 4³(/[illegible]Q,[illegible]FP@55H[illegible]5H=8[illegible]J8%?e× 9&[illegible]C+O[illegible]V7-F[illegible]Z&K8[illegible]y
)[illegible]Ä

„ 4³(/[illegible]÷,[illegible]5H(wJ[illegible]C× +OM%e[illegible]7:,[illegible]eDÄ

„ 4[illegible]Q,[illegible]VE[illegible]7,M[illegible]WWW,L}~[illegible]OQ[illegible]JÈO 61FE[illegible]Ä

A[illegible])[illegible]Ö

[illegible]		-([illegible]
K[illegible]E	.O[illegible]E	

L&HFÈ7p4,jo)0Ð]p[,´ÃÃ(9'UI,ÊÊÊ5ÊOHŽ7Ë&,61
FE0jÖÖb9ÐÐÐÐF.ÃFRÃÃWFÃD1y,Ë RG-APD-M(EA)Ã7)FÈ §
Lf² ; >Ä

Ðƒ	¢ (mg/m3)	0W (mg/m3)
¥WF.›	0.2	1.5
.FR	0.006	0.03
¥WF^	0.04	0.15
¥XÐ	0.05	0.15
"_Ð	0.01	0.3

2.1.4 ¢

A¥X]835FGÈÈÈ6V8Ã6V8Ã¢ÀÃÃ5Å
**6V8ÃÃÃ

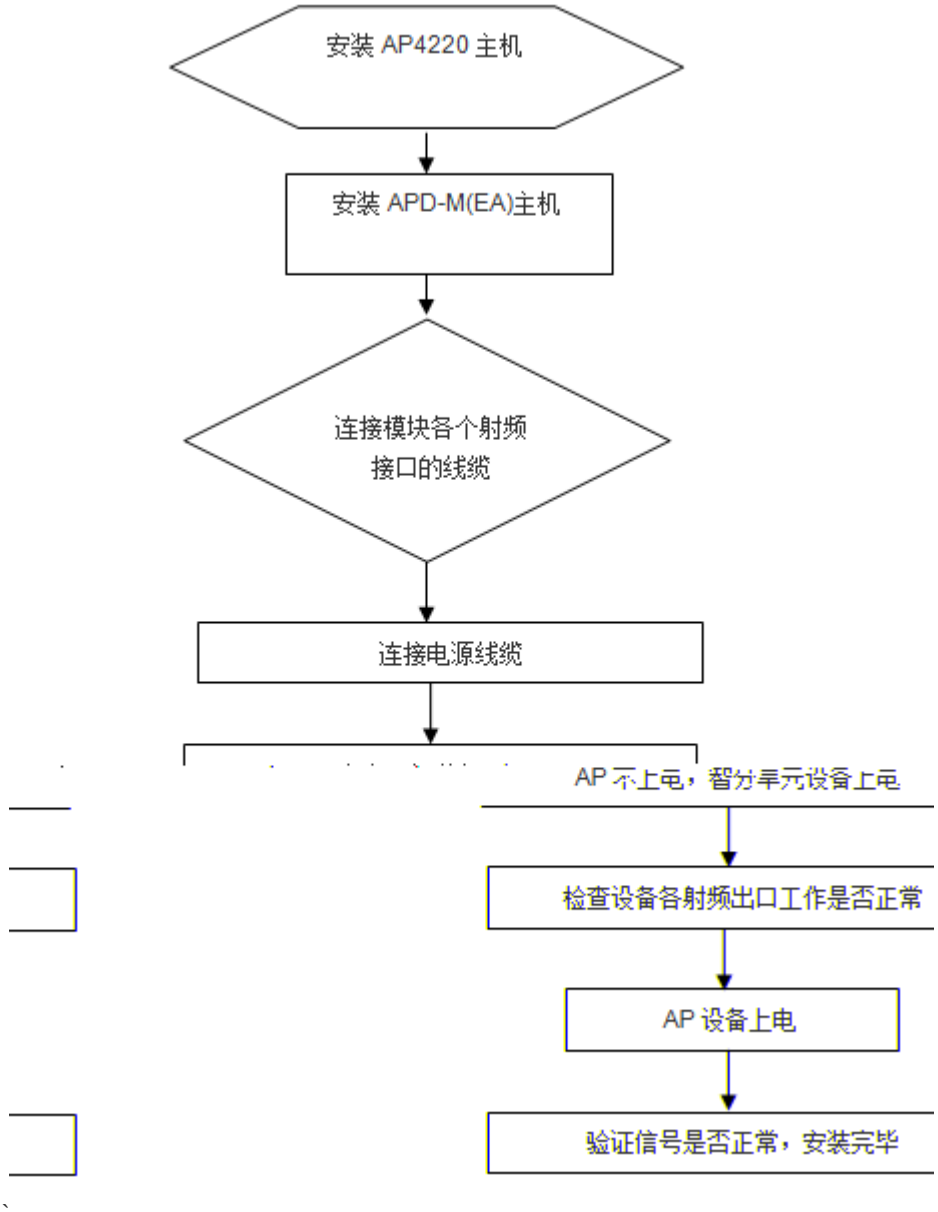
C+X§	LbM‰§
>˜	7+X>˜

@M6ʔm8 >ц>

3 CÊS

B-.AÉ54ÜÞ11bÂ,º ›.AÚbÂF&,º ¤(5%Cé

3.1 GÈV



3.2 G ø \

X[illegible]

„ [illegible]7-V[illegible]D,N[illegible]JE* [illegible]

„ [illegible]_V%C[illegible]7)[illegible]

„ [illegible]_V35[illegible]e[illegible]%C[illegible]+e[illegible]

„ [illegible]_V35[illegible]55G}4[illegible]

„ _F9+X\[illegible]e F_ PoE [illegible]e È [illegible]e+e[illegible] 7-=7- [illegible] N[illegible]e[illegible]

[illegible]

„ PoE [illegible]e

G+X PoE [illegible]e [illegible] 802.3af F 802.3at PoE [illegible]e7-[illegible]654[illegible]56FÕ
A[illegible]7,´ PoE Ä

1. AP4220[illegible]A7-OË 802.3af 7[illegible]e

2. APD

F98F2¢¡5Ê 3.1 ,>¢¢¢A7>¢-(¡5È¢¢@>¢,È¢
Q4È¢¢¢¢¢¢¢A7s¢¢mÄ

¢¢01Aê,º ,O¢-.¢+k¢E

B-.¢êÐ(¢0%M>

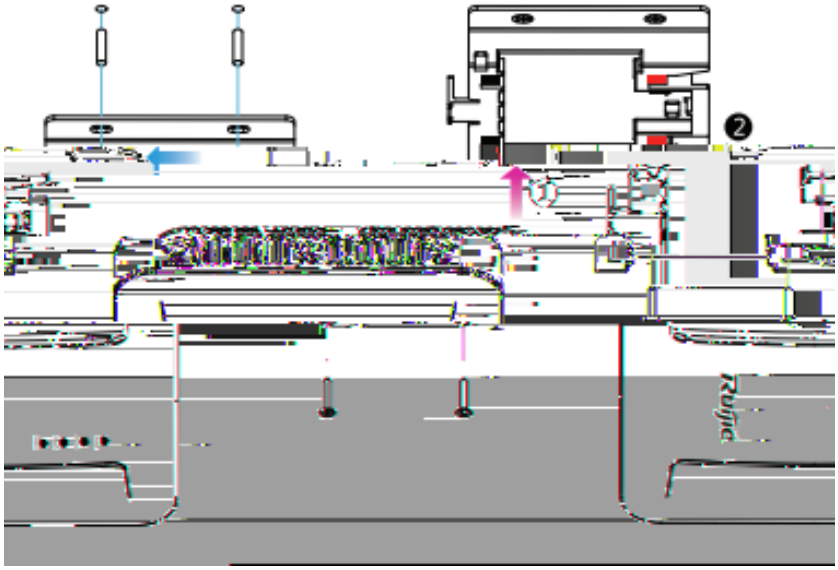
B-.¢Aê,º ¢¢¢/p&¢7>

G,aB¥¥

**A¢1¢¢¢¢¢¢¢

.

[illegible]



4) 6A7ÅM2'ja&È>6A7'p2a4>ÈkjØÈp/jÄ
&Å´ N87/j2aN87/jÄØÈ/A>Ä

5) K1jN+Ø+XgiÈM0'8>ÊVC]K1dÄ>ØK1ÈA7ÅK1Ä2&K1ÄiG}Ä

8>ØN78p1ÈGS@Ä-5SALS /)>ØN8@,º >ØÈ8
pÈB-5µÄ>µ8È™

B->ØÄ4µe>a]}3]FVFµD:s>

ÈØÄ

A74ÄÈÄ56F65COEÈÄ

A7:+e{>È7hE7/j&ÈhØÈØ KIB !ÈXÄ 8È$

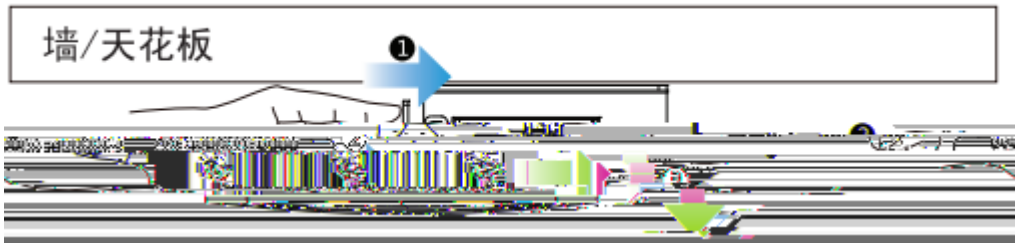
fØ

AÈPØ

1) Lb-K1 .Ä9Å

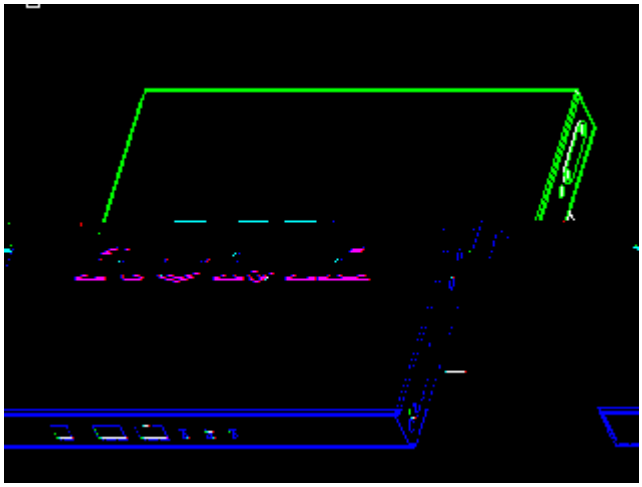
2) +X{7ØÈkjÅ,&7a0Ä

3) 6kjA7aÄØ7a/aÄe



3.4 RG-APD-M(EA)G2

1) xX8ÿ 4 Z$ 6mm ,>ÿ+Xgi>ÿ1ÿ1ÿ(8>|Tÿÿÿ



6 ÷ 2 æX = 16 ÷ 8

3.5 Gl6•

**X6 ¢ 5 ¢ 6 ¢ 6 ¢ 3 ¢ XA 6 ¢ ¢ ¢

4 G[illegible]

4.1 [illegible]

[illegible]

„ PoE [illegible] 802.11af [illegible] FFJ[illegible]

„ DC [illegible]

[illegible] SSID [illegible] SSID

1) [illegible] AP [illegible]

DÕVħ×ÃÐ Rn-1 K.D_VħM0ÊÊ&ħF>ÝÈI7/j&ÿ7/jK.D,´
(ÅÅ

„ 9 Rn &ÿ/jj5/È7j4NĀ Rn-1 ¼ Rn-2ÅÅ4FÕÞ APD-M(EA),Ë&ÿF>ÇÃ