深圳市亿圣邦科技有限公司
样 品 承 认 书

SPECIFICATION FOR APPROVAL

公　司　名　称（客户填写）：深圳市茂现智能科技有限公司

物　料　代　码（客户填写）：

规　格　型　号（客户填写）：JB03

承　认　日　期（客户填写）：

供　应　商　名　称（SLK 填写）：深圳市亿圣邦科技有限公司

供　应　商　名　称（SLK 填写）：WIFI :SLK-MX-4318-R-120IV-B

Bluetooth:SLK-MX-4318-R-75IV-G

承　认　签　章					
供　应　商　承　认			深圳市茂现科技有限公司		
工 程 师	审 核	批 准	工 程 师	审 核	批 准
曾立文	黄 震	林美财			
盖章签署			盖章签署		
日　　期	2022-9-22		日　　期		
			批示：　☐接受　☐有条件接受		
备注（客户填写）：					

供应商名称:深圳市亿圣邦科技有限公司
供应商地址:东莞市塘厦镇蛟乙塘银园街 13 号 2 楼
电　　话：0769-82553115　　传　　真：0769-82553116

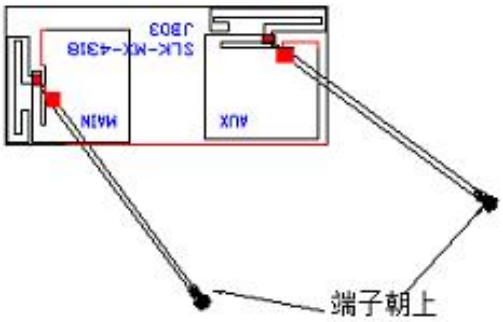
WIFI/Bluetooth Antenna (4318)

1. Explanation of Product number :

S L K - M X - 4 3 1 8 - R - 1 2 0 I V - B

S L K - M X - 4 3 1 8 - R - 7 5 I V - G

1 2 3 4 5



Product Code:
(1) Customer:
MX:茂现
(2) Project:
4318: SLK-MX-4318(WIFI/Bluetooth antenna 2.4~2.5GHz 5~5.85GHz)
(3) Welding Position
R:Right R:Right
(4) Cable Length:
120IV:120*0.81MM 75IV:75*0.81MM
(5)Cable Color
B: Black G: Grey

2. Features

*Stable and reliable in performances
*Compact size
*RoHS compliance

3. Applications

* IEEE802.11 (b/g/n/a)
* Hand-held devices when WIFI (802.11b/g/n/a) functions are needed

4. Description

Holy bond's External antenna series are specially designed for WIFI (802.11 b/g/n/a) applications. Based on Holy bond's proprietary design and processes, this External antenna has excellent stability and sensitivity to consistently

provide high signal reception efficiency.

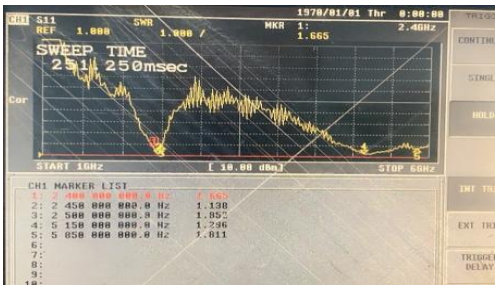
5. Electrical Specifications

5-1

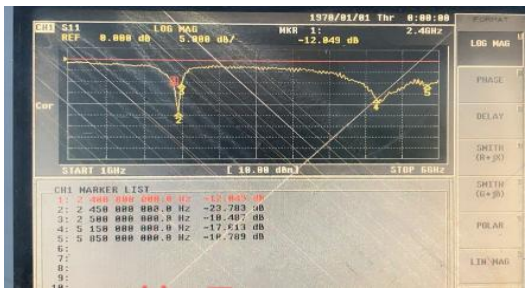
Characteristics	Specifications	Unit
Outline Dimensions	**43.2*18.51*0.12**	**mm**
Bandwidth(under-10dB return loss)	**130min**	**MHz**
VSWR	**3max**	

5-2

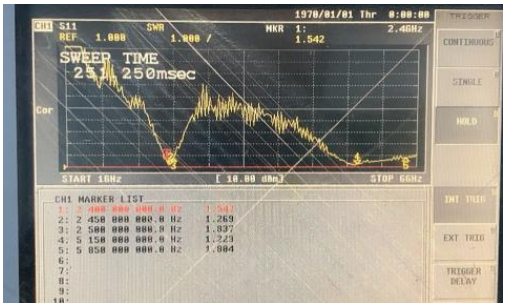
Main - VSWR



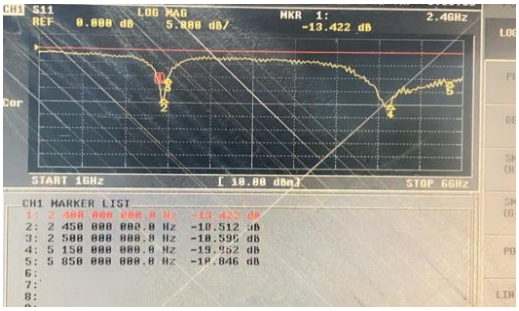
Main - S11



Aux - VSWR



Aux - S11



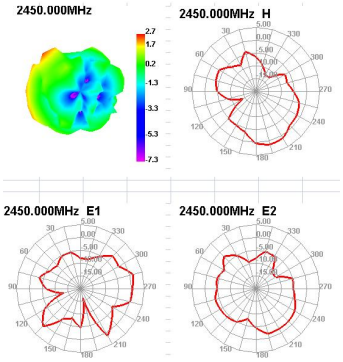
5-3.WIFI/BT Antenna Gain/Efficiency/Radiation Pattern of 3D

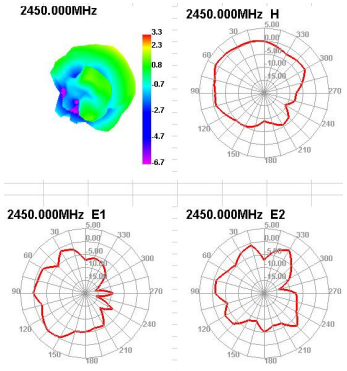
WIFI

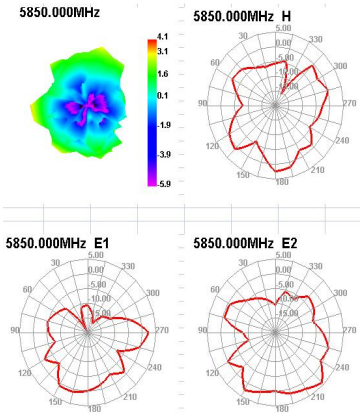
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	38.82	-4.11	2.13
2410	39.06	-4.08	2.11
2420	40.64	-3.91	2.19
2430	44.99	-3.47	2.56
2440	44.28	-3.54	2.44
2450	48.16	-3.17	2.74
2460	45.14	-3.45	2.51
2470	41.25	-3.85	2.05
2480	44.6	-3.51	2.38
2490	37.72	-4.23	1.72
2500	42.9	-3.68	2.31
5150	58.29	-2.34	3.99
5350	54.26	-2.65	4.35
5550	53.06	-2.75	3.85
5650	58.67	-2.32	4.43
5850	53.63	-2.71	4.12

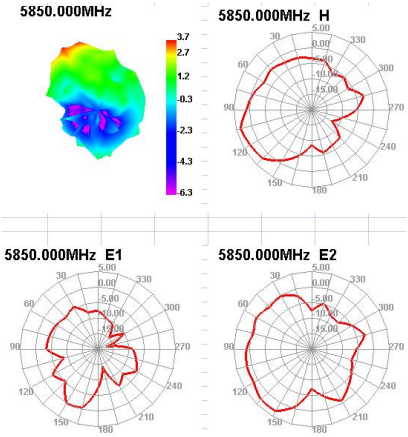
BT

Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)
2400	40.36	-3.94	2.29
2410	36.1	-4.42	1.99
2420	37.02	-4.32	2.2
2430	41.4	-3.83	2.96
2440	39.08	-4.08	2.77
2450	44.22	-3.54	3.3
2460	34.93	-4.57	2.26
2470	42.22	-3.74	2.89
2480	39.91	-3.99	2.39
2490	47.28	-3.25	2.94
2500	38.08	-4.19	1.74
5150	48.15	-3.17	2.64
5350	48.24	-3.17	2.6
5500	52.62	-2.79	2.91
5650	51.52	-2.88	2.75
5850	54.17	-2.66	3.74

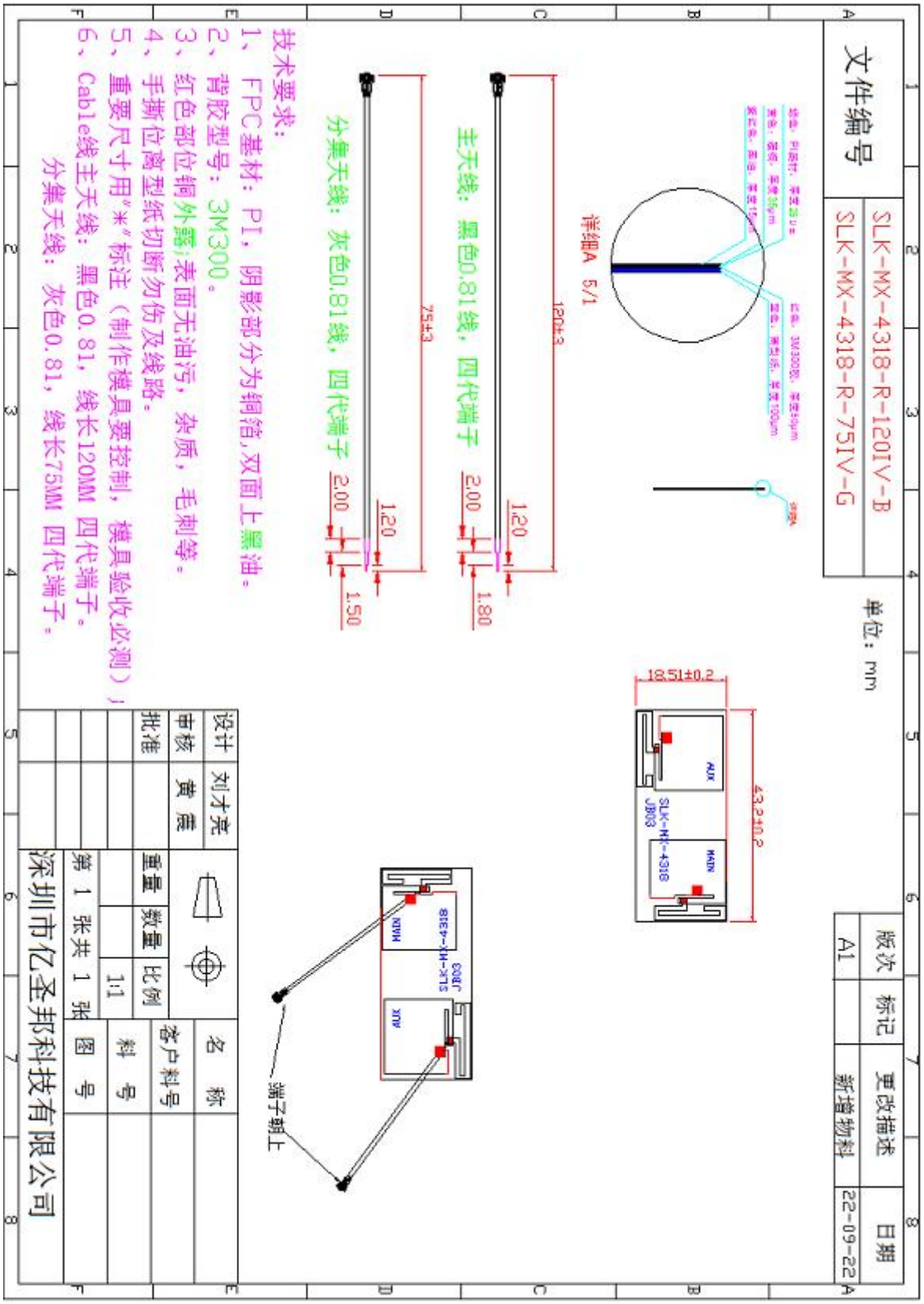
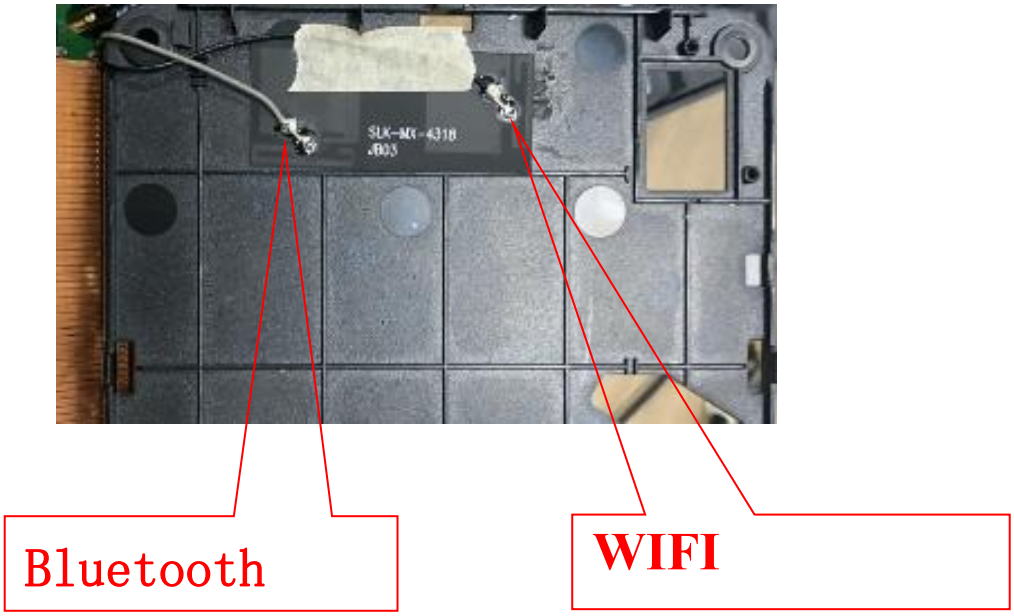








6. Antenna Dimensions (unit: mm)



7. Antenna Picture