



深圳市海凌科电子有限公司

SHEN ZHEN Hi-Link ELECTRICAL CO, LTD

产 品 规 格 书

PRODUCT SPECIFICATION SHEET

Customer: _____

Product Name: 2.4GHz PCB Antenna

Product code: HLK-TX-PCB-B10

Customer code: _____

Sample date: 2026-1-27

HLK Confirm:

Approval	Quality	Engineer	Signature
David	Henry	lisa	

Customer Confirm:

Approval	Quality	Engineer	Signature
Confirm result: ☐ PASS ☐ NG ☐ Others			

HLK-22-020 REV1.0



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SPECIFICATION ITEM

Item	Description
1.....	SPEC
2.....	SPEC ITEM
3.....	Engineer drawing
4.....	Performance



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SHEN ZHEN Hi-Link ELECTRICAL CO, LTD

RF Antenna Cable Assembly

Specification

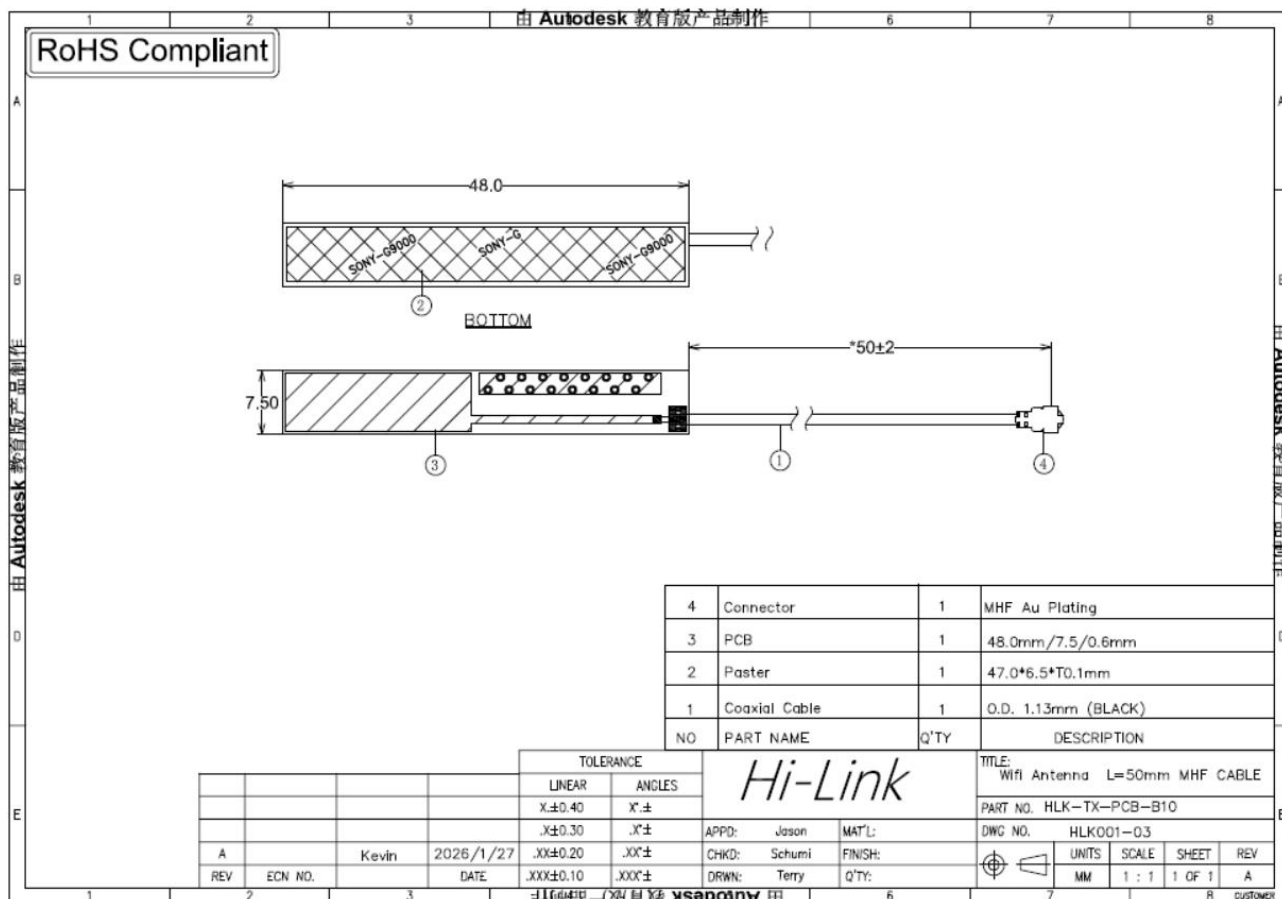
- 1.1 Frequency Range.....2.4GHz-2.5GHz
- 1.2 Impedance.....50 Ω Nominal
- 1.3 VSWR.....1.92:1MAX
- 1.4 Return Loss.....-10dB Max
- 1.5 Gain(peak)1.42dBi
- 1.6 Cable loss.....0.3dBi Max
- 1.7 Polarization.....Linear VertDical
- 1.8 Admitted Power.....2W
- 1.9 Cable.....0. D 1.13mm
- 1.10 Conn.....IPEX
- 2. Physical Properties:
 - 2.1 Antenna Material..... PCB
 - 2.4 Operating Temp.....-20 $^{\circ}$ C- +65 $^{\circ}$ C
 - 2.5 Storage Temp.....-30 $^{\circ}$ C- +75 $^{\circ}$ C
 - 2.6 Color.....Black



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The 2D drawing:

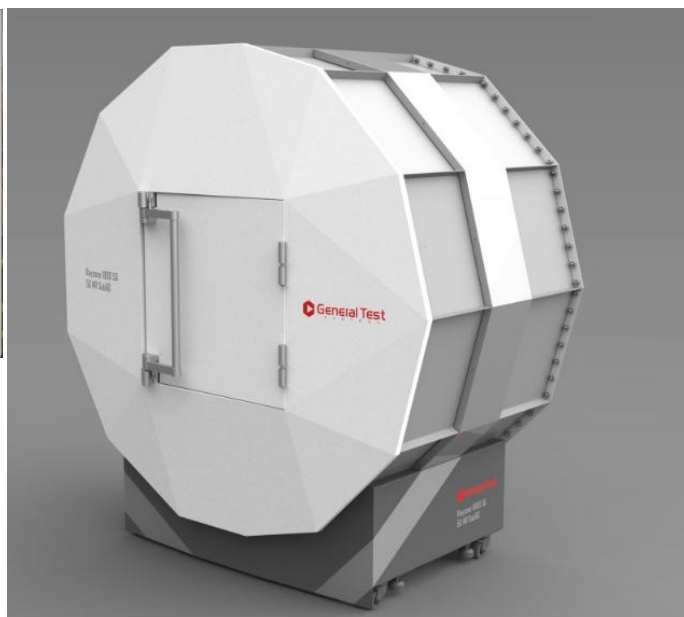
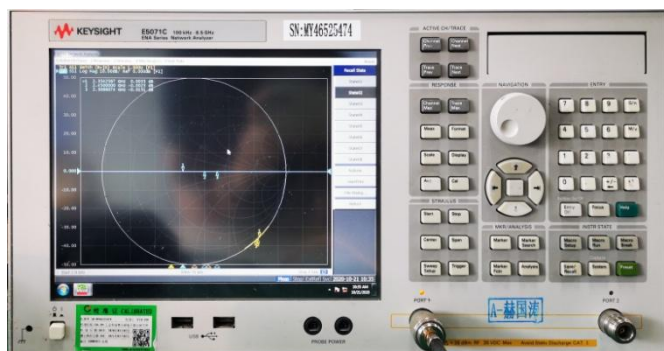




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SHEN ZHEN Hi-Link ELECTRICAL CO, LTD

Antenna Test equipment
SPEC:2.4GHz



2.4Ghz Performance data

SPEC:2.4~2.5GHz

一 V. S. W. R



Frequency(MHZ)	VSWR
2400	1.64
2450	1.48
2500	1.46

二 Efficiency&Gain

Frequency	Efficiency (%)	Average GAIN(dB)	Peak GAIN (dBi)
2400	40.43	-4.23	1.33
2450	41.43	-3.85	1.26
2500	39.21	-4.07	1.42

