

产 品 规 格 书

PRODUCT SPECIFICATION SHEET

客 户 名 称 Customer Name: _____

产 品 名 称 Product Name: 2.4GHz PCB Antenna

产 品 料 号 Product Material Number : HLK-TX-PCB-G

客 户 料 号 Customer Order Number: _____

送 样 日 期 Sample Delivery Date: 2015-6-12

工程确认 Project confirmation:

examine and approve	project	make	signature
Approval	Quality	Engineer	

客户确认 customer confirmation:

核准 examine and approve	研发 research and development	品质 quality	签章 signature

确认结果 confirm the result: ☐ 合格 qualified

☐ 不合格 disqualification

☐ 其它 other

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MT-22-008 REV1.0



承认书项目表

Item	Description
1.....	承认书封面 Acknowledgment Form Cover
2.....	承认书项目表 Acknowledgment Form List
3.....	工程图面 Engineering drawing sheet
4.....	电性测试报告 Electrical Test Report

RF Antenna Cable Assembly



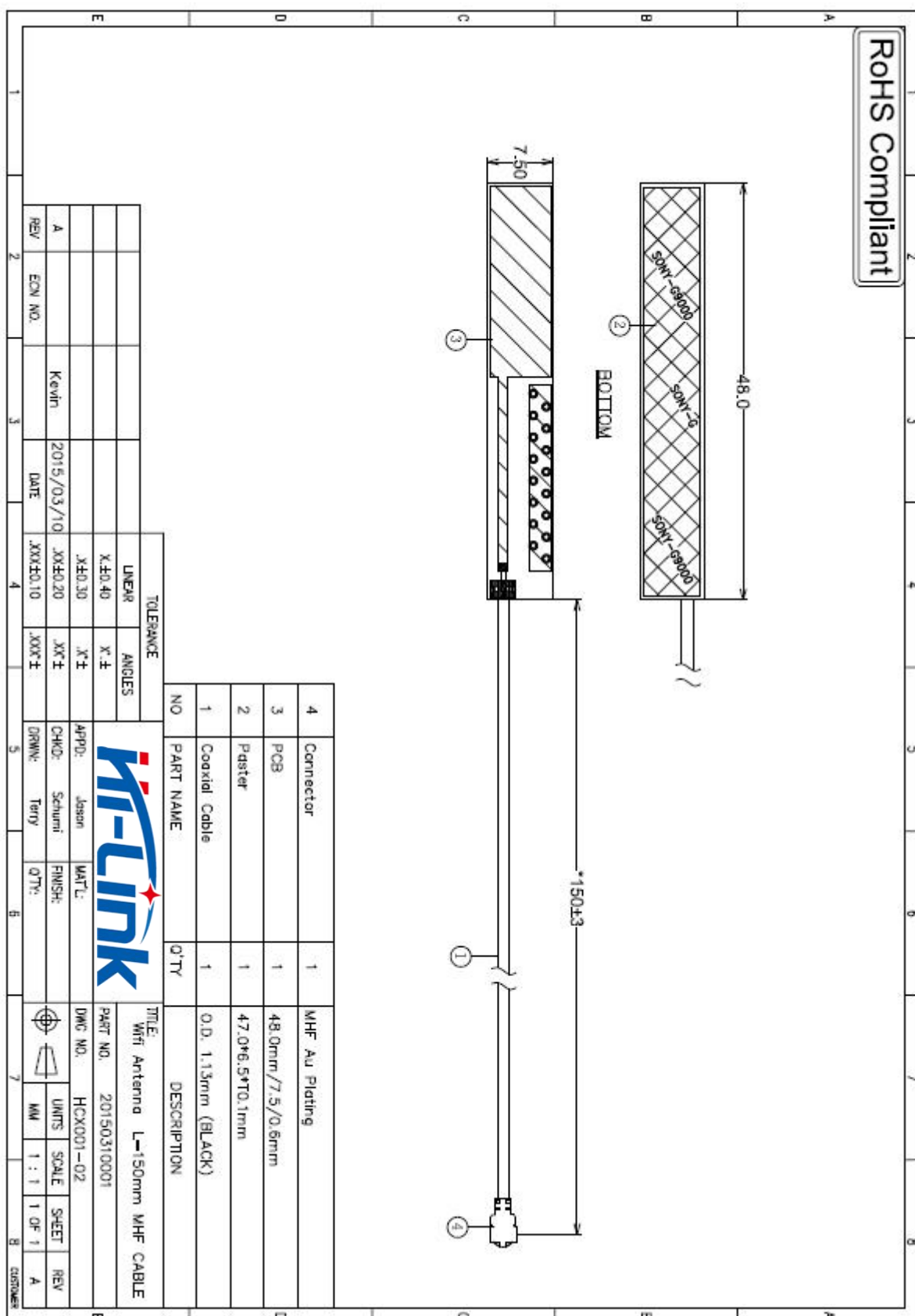
深圳市海凌科电子有限公司
Shenzhen Hi-Link Electronic Co.,Ltd
Specification

1. Electrical Properties

- 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 Vertical
- 1.8 Admitted Power.....2W
- 1.9 Cable.....O.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.....Green



Unit:mm

一 驻波比 SWR



Frequency(MHZ)	VSWR
2400	1.64
2450	1.48
2500	1.46

二 效率 efficiency

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



3D pattern(wifi2450MHz

