

产 品 规 格 书

PRODUCT SPECIFICATION SHEET

客 户 名 称: _____

产 品 名 称: 2.4GHz PCB Antenna

产 品 料 号 : HLK-TX-PCB-G

客 户 料 号: _____

送 样 日 期: 2015-6-12

工程确认:

核准	工程	制作	签章
Approval	Quality	Engineer	

客户确认:

核准	研发	品质	签章
确认结果: ☐ 合格 ☐ 不合格 ☐ 其它			

承认书项目表

Item	Description
1.....	Admit the cover
2.....	Admission book item table
3.....	Engineering drawing
4.....	Electrical test report

RF Antenna Cable Assembly Specification



深圳市海凌科电子有限公司

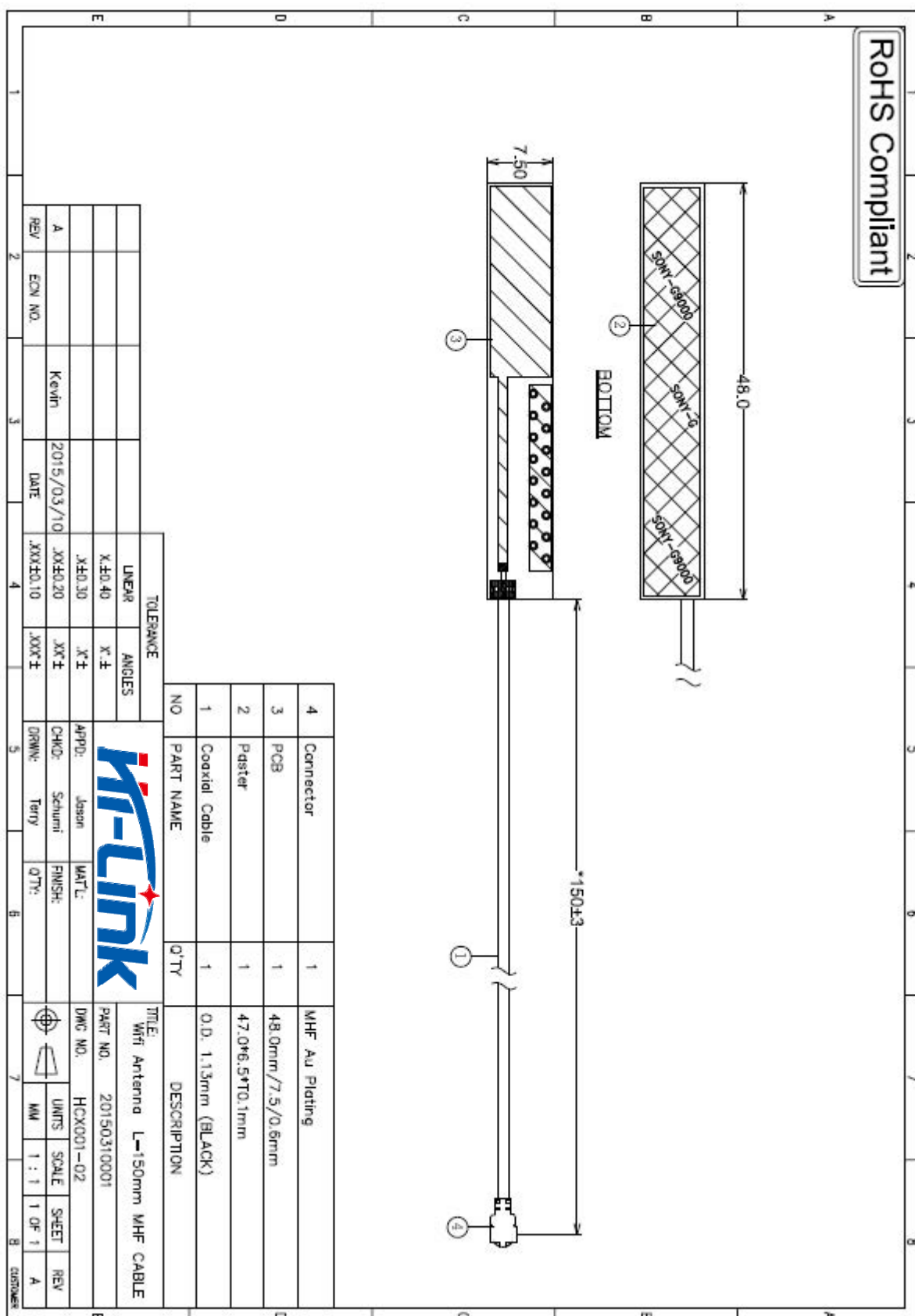
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1. Electrical Properties

- 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°C- +65°C
- 2.5 Storage Temp.....-30°C- +75°C
- 2.6 Color.....Green



1 Standing-wave ratio



Frequency(MHZ)	VSWR
2400	1.64
2450	1.48
2500	1.46

2 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

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3D pattern(wifi Middle of the band 2450MHz)

