



Shenzhen Hi-Link Electronic Co.,Ltd
No. 25 Bagua Road, Hualin Community, Yuanling
Street, Futian District, Shenzhen

PRODUCT SPECIFICATION SHEET

Customer Name : _____

Product Name : 2.4GHz PCB Antenna

Product part number : HLK-TX-PCB-B

Customer part number : _____

Sample submission date : 2018-8-21

Project confirmation :

Approval	Quality	Engineer	Seal of signature
Approval	Quality	Engineer	

Customer confirmation :

Approval	Quality	Engineer	Seal of signature
Confirm the result: ☐ Qualified ☐ Unqualified ☐ Others			



Acknowledgment Form List

Item	Description
1.....	Acknowledgment Form Cover
2.....	Acknowledgment Form List
3.....	Engineering drawing sheet
4.....	Electrical Test Report



RF Antenna Cable Assembly

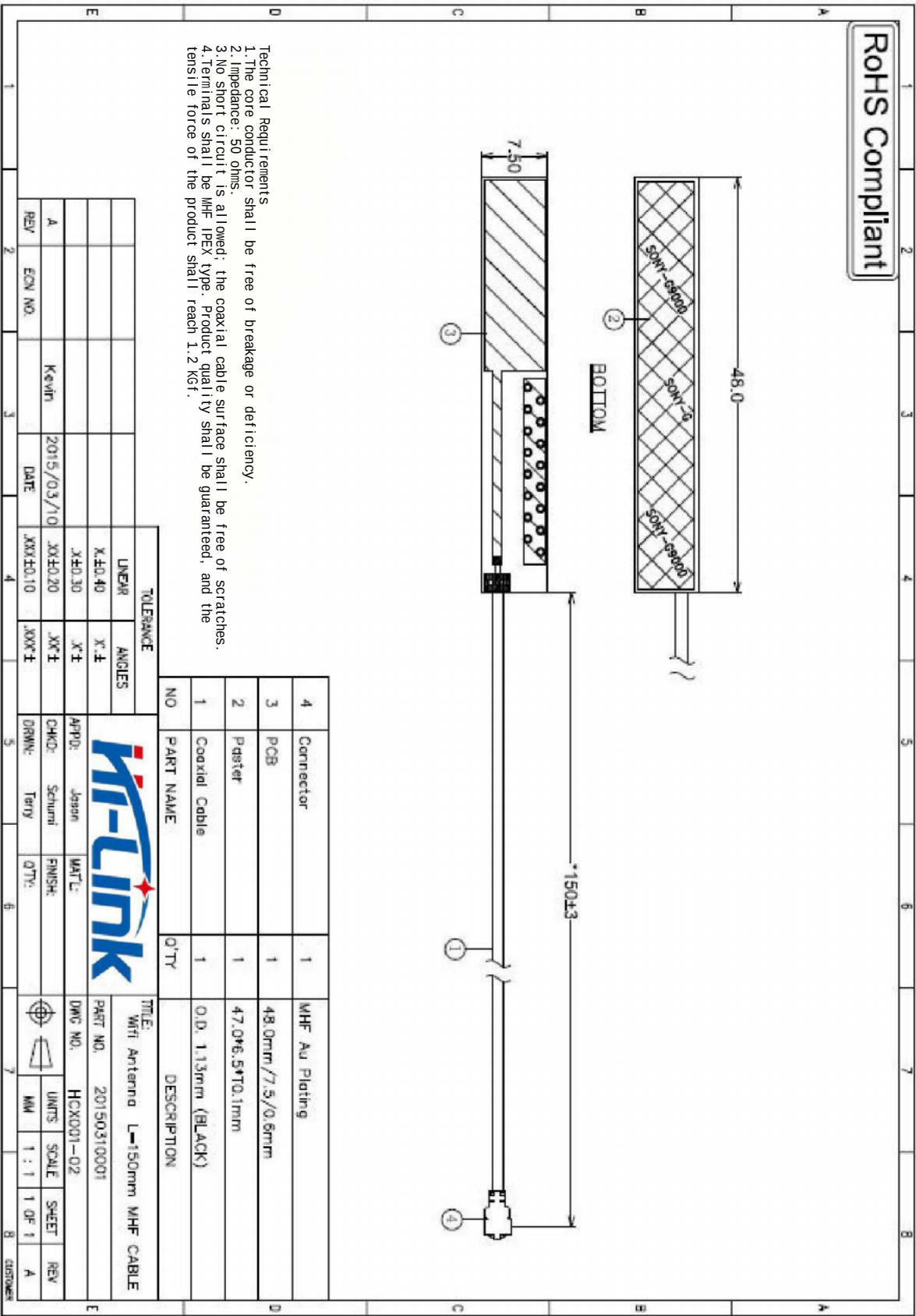
Specification

1. Electrical Properties

- 1.1 Frequency Range.....2.4GHz-2.5GHz
- 1.2 Impedance.....50Ω Nominal
- 1.3 VSWR.....1.92:1MAX
- 1.4 Return Loss.....-10dB Max
- 1.5 Gain(peak)3.05dBi
- 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

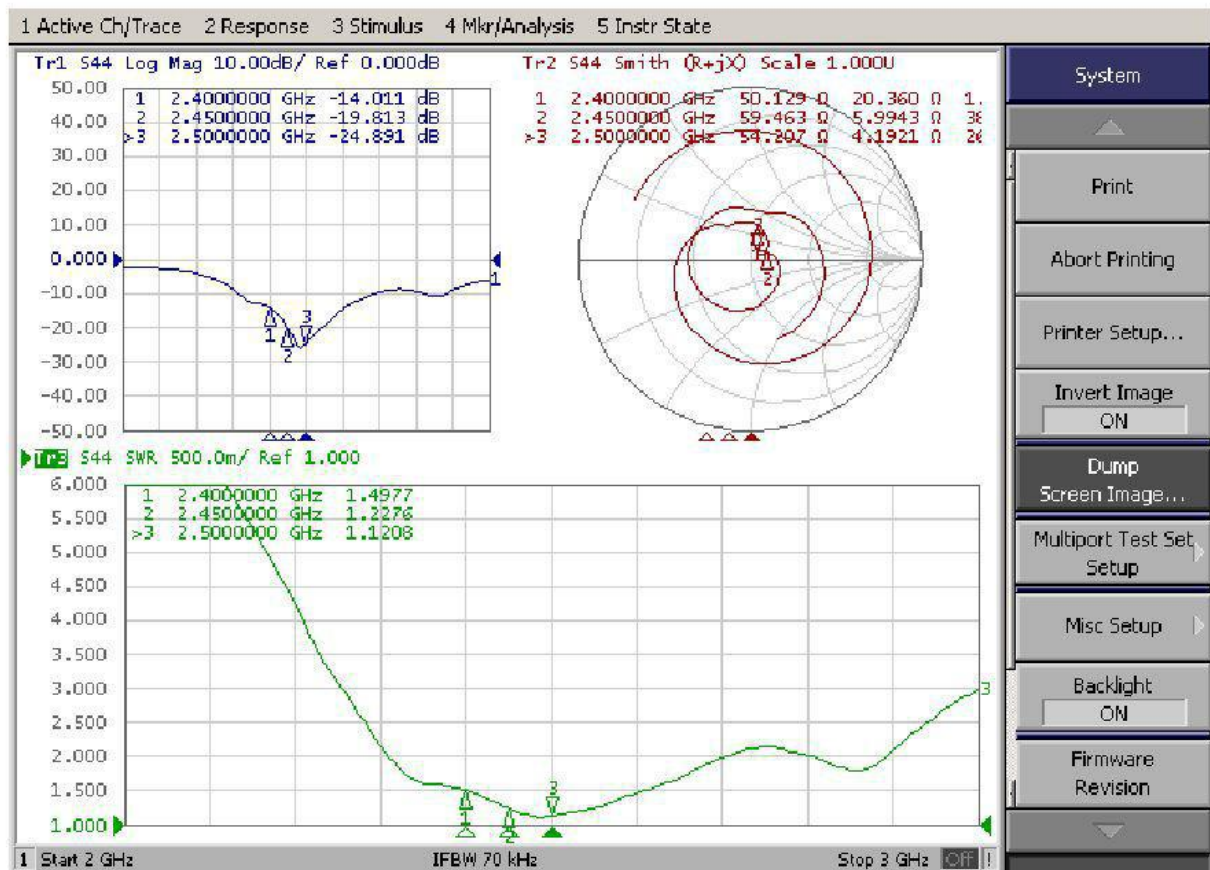
2. Physical Properties:

- 2.1 Antenna Material..... PCB
- 2.4 Operating Temp.....-20℃- +65℃
- 2.5 Storage Temp.....-30℃- +75℃
- 2.6 Color.....Green



RF Antenna Assembly SPEC:2.4~2.5GHz

1. Standing Wave Ratio

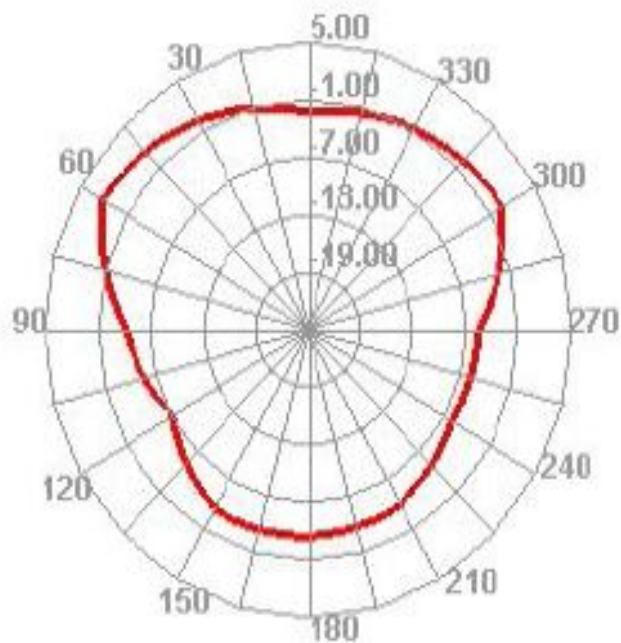
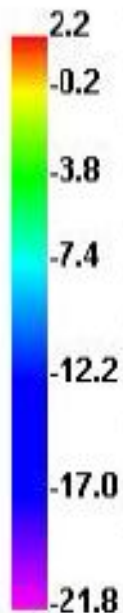
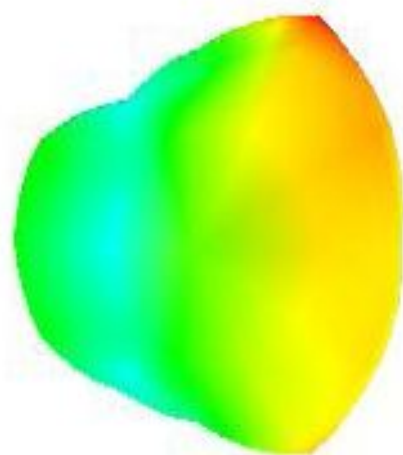


2. Efficiency

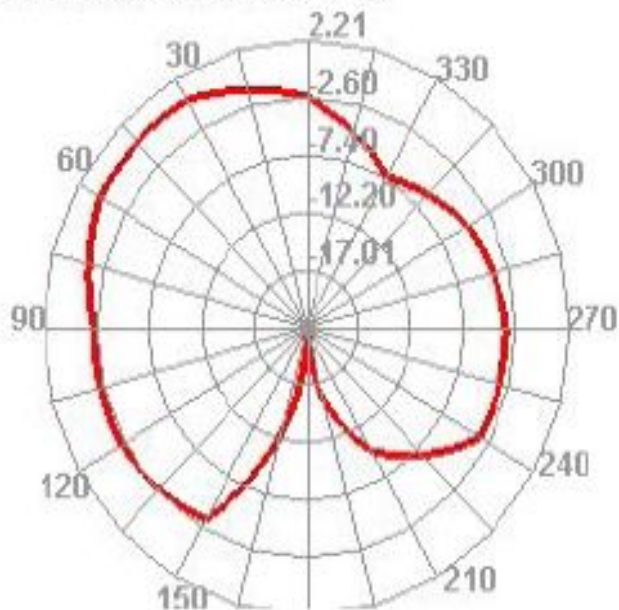
Frequency	Efficiency (%)	Average GAIN(dB)	Peak GAIN (dBi)
2400	50.75	-4.55	3.05
2450	52.21	-4.85	2.85
2500	50.45	-5.05	2.51

3D pattern (middle frequency point of the wifi band at 2450 MHz)

2450.000MHz



2450.000MHz E1



2450.000MHz E2

