



Specification Sheet

for

HW01 2.4-5.8G wifi Antenna

Customer Part Number

Our Part Number

LSWD-HW01-2.4/5.8G Assembly Drawing-20200326



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2.Shenzhen Shuodian Electronic Technology Co., Ltd

2.1 Scope of Application

2.4G/5.8 WIFI Antenna

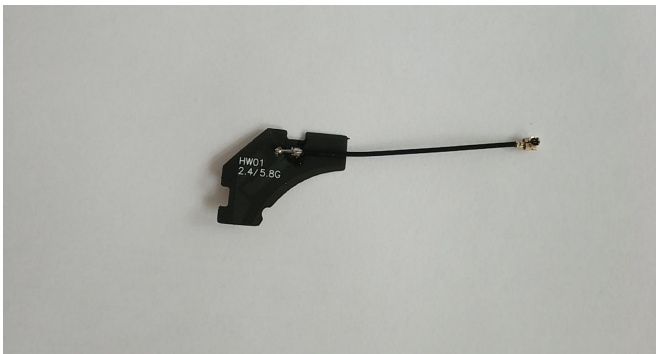
2.2 Operating Temperature Range

This product operates within a temperature range of 20 ~ +65 °C

2.3 Storage Temperature Range

This product should be stored within a temperature range of -30~+75°C

3.General Product Specifications

NO.	ITEMS	DETAILS
1	Model	WIFI
2	Frequency Band	2400-2500MHz 5100-5900MHz
3	VSWR	≤2.3
4	GAIN	3dBi
5	Impedance	50 Ω
6	Antenna Type	PIFA
7	Antenna Realization	PCB+1.13 Coaxial Cable
8	Cable Loss	Cable Length: 60MM 2.4G: 0.2db 5.8G: 0.31db
8	Antenna Image	



4.Detailed Product Specifications

4.1 Product Structural Parameters

4.1 Appearance

The product's appearance is satisfactory, free from scratches, stains, protrusions, or other severe visual defects.

4.12 Structural Dimensions

Refer to the product drawings:



4. 2 Product Electrical Performance Test Data

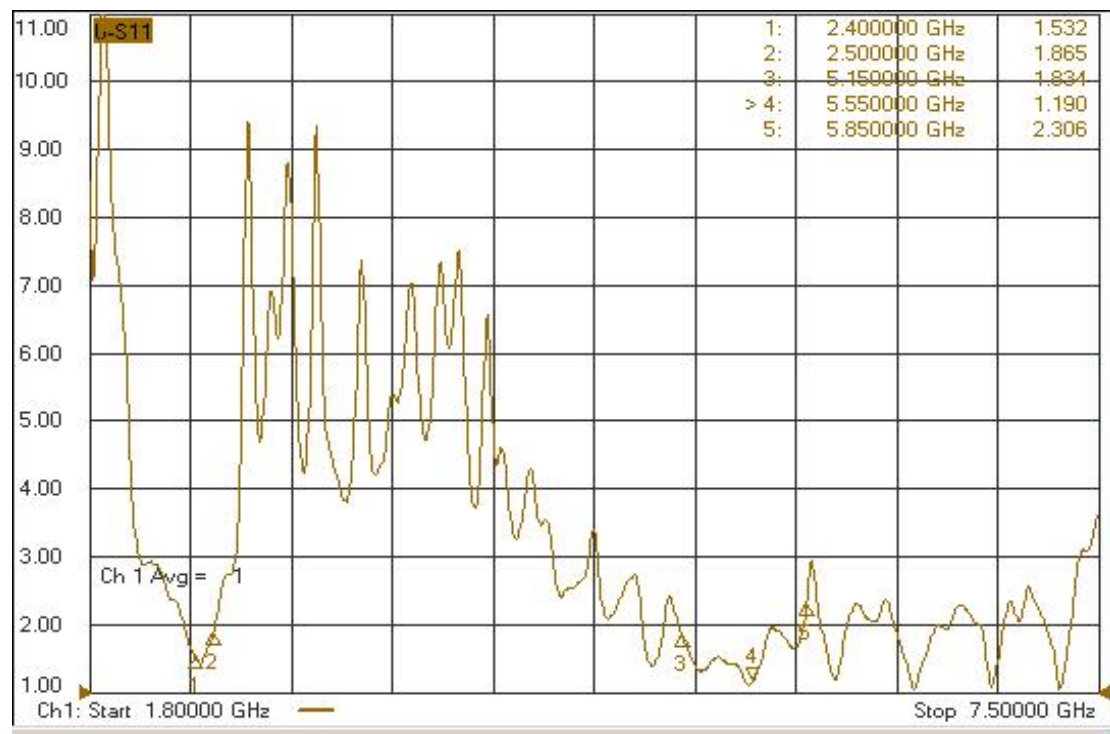
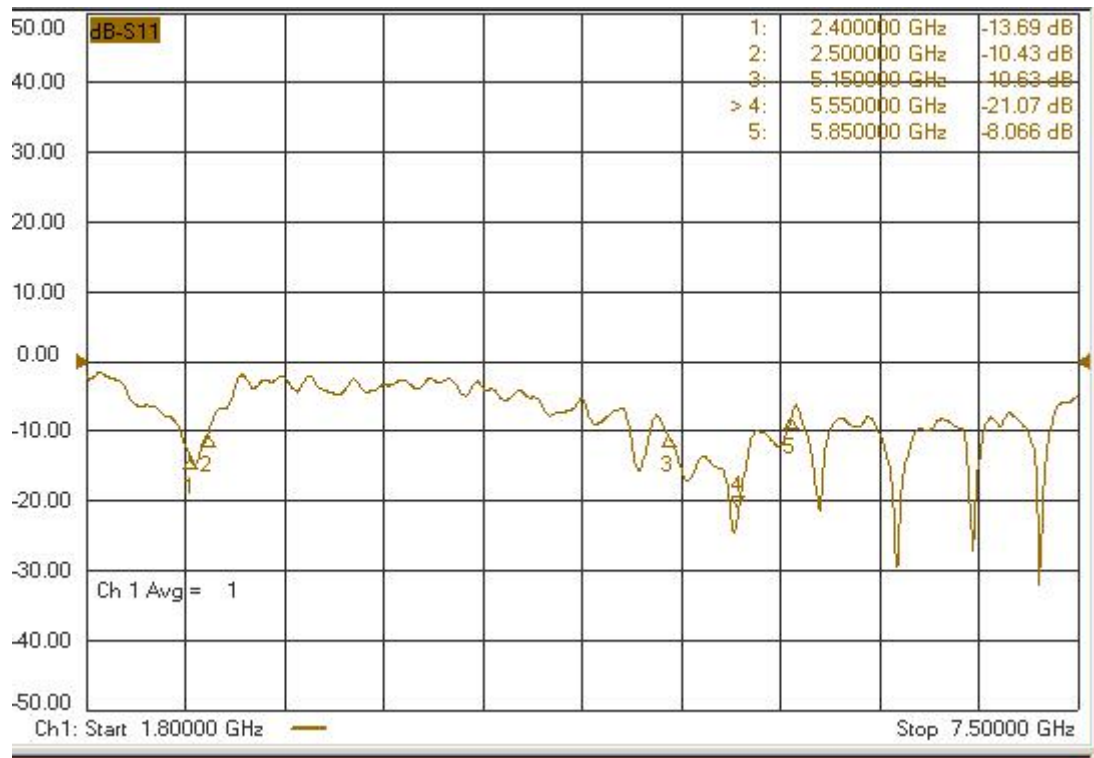
4.21 Test Environment and Equipment

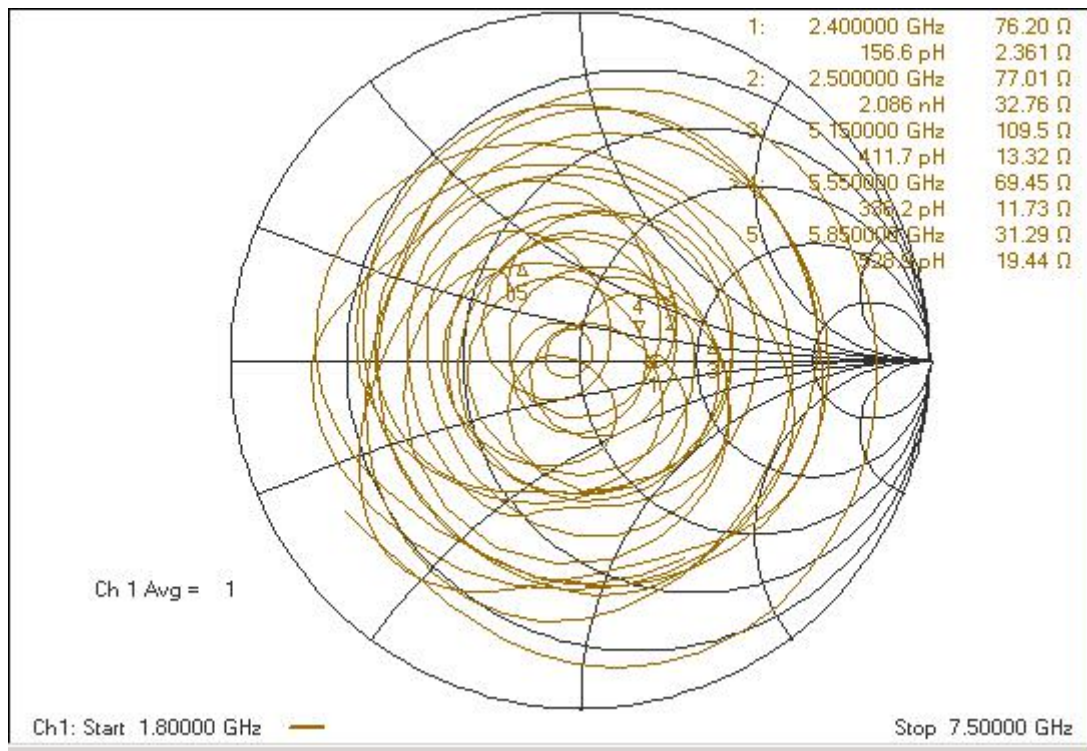
Test Environment : Temperature: 10℃——+30℃ Relative Humidity: : ≤80% (+40℃) Atmospheric Pressure: 750mmkg±30mmkg	Test Equipment: HP8753D Network Analyzer ETS Anechoic Chamber
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4.22 Product Electrical Performance Test Data:

Product S11 Chart:

Marker	2400MHz	2500MHz	5150MHz	5550MHz	5850MHz
Return loss	-13.6	-10.4	-10.6	-21.0	-8.0
VSWR	1.5	1.8	1.8	1.1	2.3







5. Product Packaging Method

Packaging Method:

Self-sealing bag packaging, 200 PCS per pack.

6. 文档履历

Document No.	
Release Date	2020/04/10
Author	Hungjie
Review	WH

Revised History

Date	Version	Revised Record
2020/04/10	1.00	New Project