



深圳市赛维通讯科技有限公司

Shenzhen Sunwin Telecommunication Technology Co., LTD.

Antenna Specifications

承 认 书

CUSTOMER 客户		品高智	
CS P/N 项目名		SW225-S999-LDS	
SW P/N 编号			
Checked by(RF)	Checkedby(QA)	Approval led by	Date
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1.Specifications

This report mainly provides the testing conditions of various electric and structural performance parameters for cell phone antenna L017 Figure 2-1 shows the antenna designed by SW & The fixturing of L017

2.Impedance

2.1Nominal

Nominal Impedance(including matching circuit) : 50 ohms

2.2Matching Circuit

The matching circuit is as Figure 2-2.

Figure 2-2: Matching circui

3. Active Measurements

Active Measurements Data

Total Radiated Power (TRP) and Total Isotropic Sensitivity (TIS) of the handsets with antenna are tested in the antenna chambers .

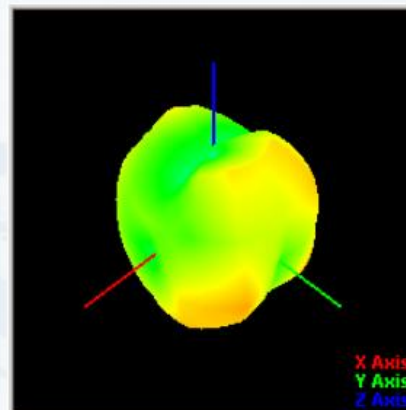
hamber Test Data

Antenna gain

Band	Gain(dbi)
2.4G-BT	-1.55

Main antenna apple diagramApple chart

2.4G-BT





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Freq (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
2400	-4.91	-8.83	13.10
2410	-4.61	-8.52	14.07
2420	-4.29	-8.21	15.10
2430	-3.79	-7.74	16.83
2440	-3.48	-7.43	18.06
2450	-3.06	-7.02	19.87
2460	-2.82	-6.75	21.14
2470	-2.67	-6.60	21.90
2480	-1.55	-6.40	22.89

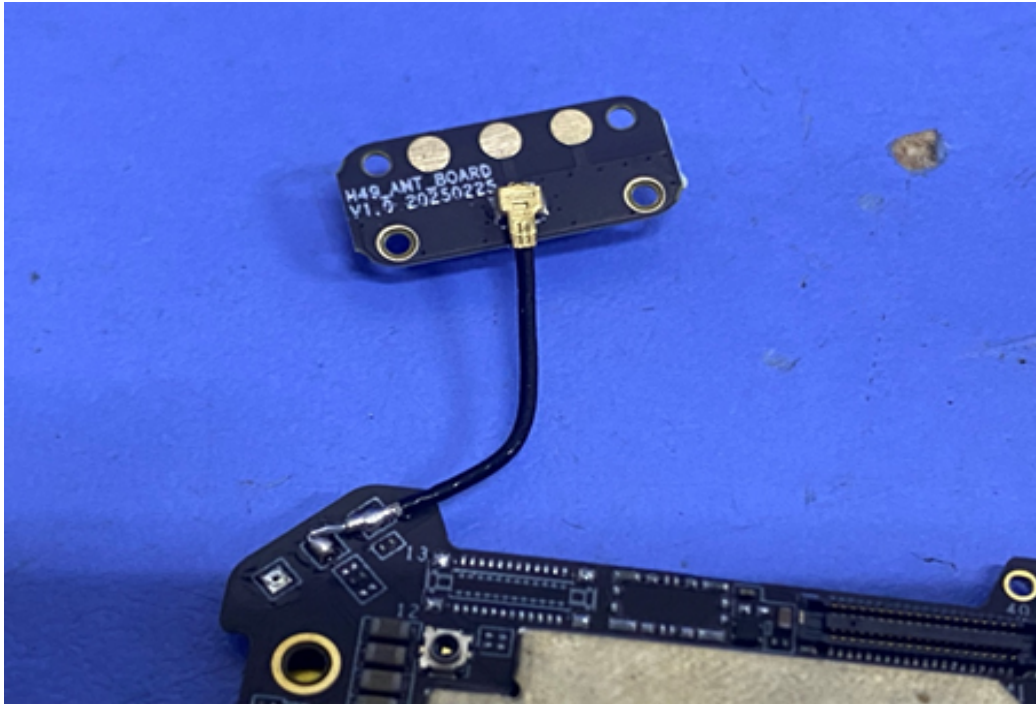
4Mechanical Properties

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5. Environmental Characteristic

Test Item	Test description
1. Low Temperature	Temp.: -20 °C Time: 24 hours



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2. High Temperature	Temp.: 80℃ Time: 24 hours
3. Salt Fog	5±0.1% Nad salt fog PH Value: 6.5-7.2 Temp: 35±1℃ Time:24 hours