

Shenzhen Restart Technology Co., Ltd.

Address: 3/F, Building B, No. 5 Nantong Avenue (No. 15 Jinlong 2nd Road), Tongle Community, Baolong Subdistrict, Longgang District, Shenzhen
Tel: 0755-89329300 Fax: 0755-28522900 Website: <http://www.szrestart.com>

APPROVAL SHEET

Document: WIFI 2.4G / WIFI 5G Patch Antenna, SMA-JW1.5 gold-plated, RG174 cable, 1.5 m, red unprinted adhesive label



Customer Name	
Part No.	
Type Name	WIFI Patch Antenna
Customer P/N	
Specification	SMA-JW1.5 gold-plated / RG174 cable / 1.5 m

Approval Type

1.	☐ New Product Approval
2.	☐ Re-approval for Material Change
3.	☐ Re-approval for Specification Change

Manufacturer / Supplier Approval

Approval Stamp:

Approval Date: 2023 __ / __ / __

Customer Approval

Approval Stamp:

Approval Date: 2023 __ / __ / __

Q. Dept	E. Dept	S. Dept	Tested	Checked	Approved
Wu Shijuan	Wang Shihai	Zhang Yanping			

Supplier: Shenzhen Restart Technology Co., Ltd. Customer: _____

Date: 2023 __ / __ / __

English translation prepared from the original Chinese approval sheet.

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PRODUCT SPECIFICATIONS / PRODUCTION PARAMETERS

Product Model	WIFI Patch Antenna
Connector / Cable	RG174
Antenna Polarization	Vertical polarization
Application Frequency Range	WIFI 2.4G / WIFI 5G
Covered Frequency Range	2400-2500 MHz / 5250-5850 MHz
Max Gain	3.54dBi / 2.22dBi
V.S.W.R.	2.0:1 (tested with cable within the covered frequency-band bandwidth)
Impedance	50 ohm
Connector Model	SMA-JW1.5 gold-plated right-angle connector
Weight	45 grams
Overall Dimensions	115 x 21.5 x 6 mm
Cable	RG174 x 1.5 m
Mounting	Red unprinted 3M adhesive sticker
Housing Color	Black

Environmental

Working Temperature	-40 deg C to +80 deg C
Test	As specified in the original document
Vibration	Sine sweep, 1 g (0-p), 10-50-10 Hz, each axis
Humidity	95%-100% RH

Applications

Vehicle electronics, communication equipment, smart communication devices and equipment, industrial routers, and similar applications.

Notes: Values and wording follow the source specification; units are preserved.

TEST PATTERNS

VSWR chart and radiation pattern images reproduced from the original test page.

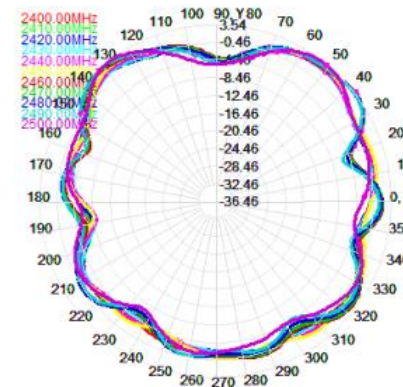
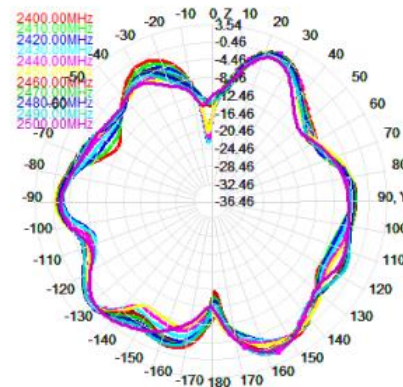
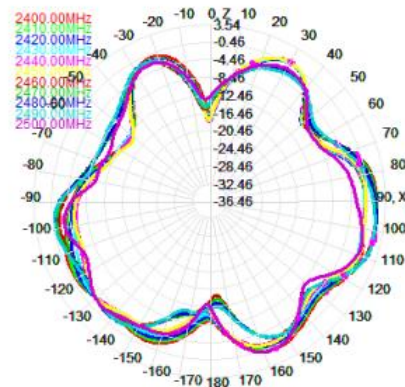
Translation of original heading: Test Pattern / VSWR Chart.



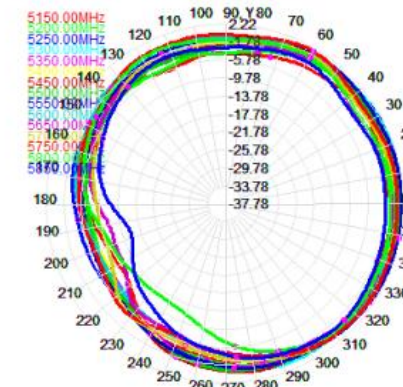
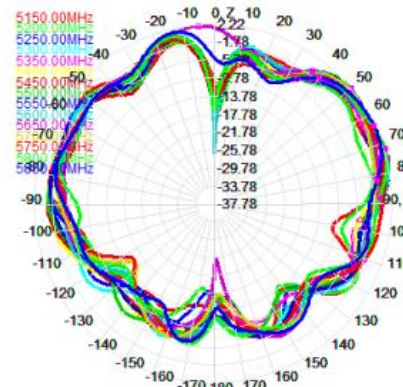
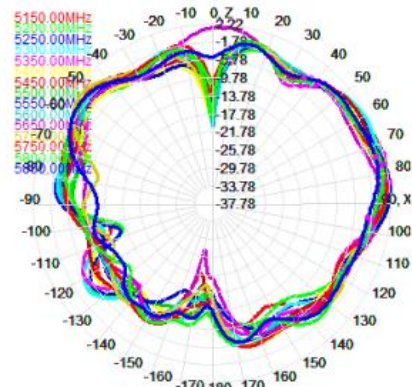
V.S.W.R. instrument screenshot

Marker data is retained in the source image.

	2400MHz	2450MHz	2500MHz
Peak Gain	3.42dBi	-0.46 dBi	3.54 dBi
	5150MHz	5500MHz	5850MHz
Peak Gain	2.22 dBi	2.05 dBi	1.89dBi



2.4 GHz radiation patterns



5 GHz radiation patterns

STRUCTURAL DIMENSION DRAWING

Key translation notes: Patch antenna: 5G WIFI; connector: SMA-JW1.5 gold-plated; unit: mm; cable length: 1500 mm +/- 50 mm.
The engineering drawing is reproduced from the original document so dimensions remain visually unchanged.

