

Specification Certification Document

SPECIFICATION FOR APPROVAL

Number: 2026042901

File No. _____

Version: 1.0

Revision _____

Customer
CUSTOMER: Agile

Customer Room Number
CUSTOMER NO: _____

article Name **Small Chili WiFi Antenna**
PART NAME: _____ Supplier Document Number **SL233**
P.200001. P01

SUPPLIER NO: _____ Sample submission date: _____ Sample quantity
Q'TY: PCS

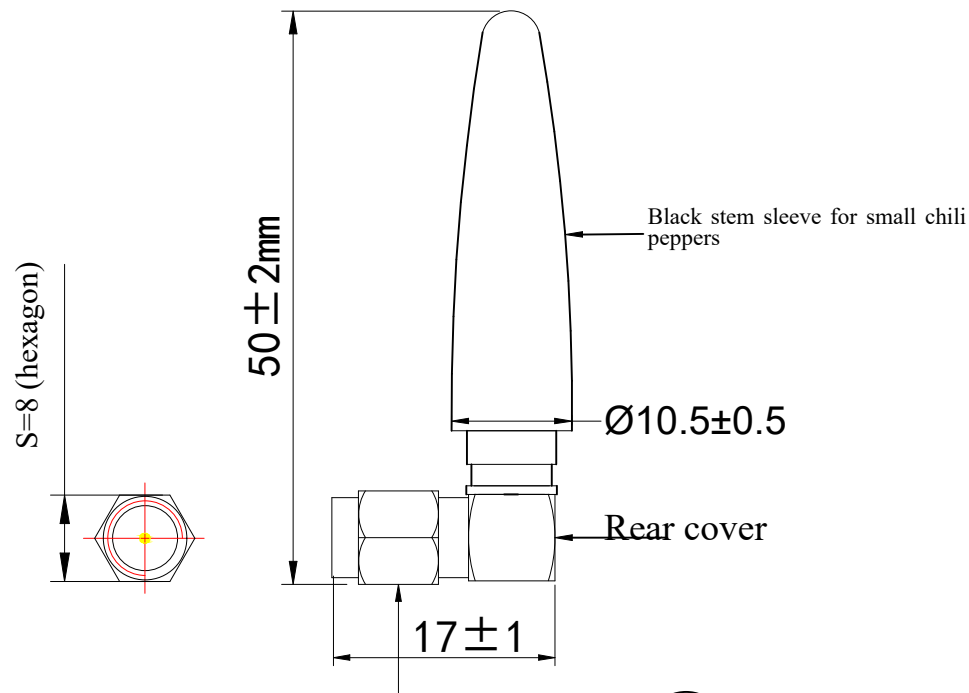
Customer Confirmation: CUSTOMER APROVED BY		
APPROVAL	CHIEF	SUPERVISOR

The supplier confirms the Supplier Signature.		
APPROVAL	CHECK	DESIGN
Janus	LuoYi	luyurpin

SH-RD-F04-A

Admission Agreement Form

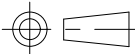
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7	-	-	-
8	-	-	-
9	-	-	-
10	-	-	-
11	-	-	-
12	-	-	-



Ask

1. The outer surface of the wire is free from peeling or damage.
2. The finished product must pass 100% conduction testing.
3. The finished product must pass 100% comprehensive inspection.
4. The product employs an eco-friendly manufacturing process and complies with ROHS requirements.
5. For parts without specified tolerances, refer to the general tolerances.

2	Small chili pepper stem sleeve	50*10.5mm Black	1PCS
1	SMA gold-plated curved male end	Gold-plated brass	1PCS
NO	cap PART NAME	DESCRIPTION	Q.TY

 Dongguan Songhui Industrial Co., Ltd. Dongguan SongHui Co.,Ltd.			CUSTOMER		Agile		
			CUSTOMER NO				
			TITLE		WiFi Antenna		
			S.H P/NO		SL233P.200001.P01		
 TOLERANCE UNLESS OTHERWISE SPECIFIED		Final Product Code					
		UNIT:mm	ANGLES ±0.5°	X. ±2.0	SIZE	DRAWED	CHECKED
SHEET: 1/1	X.XX ±0.2	XX. ±5.0	A4	LU	LUOYI		
SCALE: 1/1	X.X ±0.5	DATE:2026-04-29					

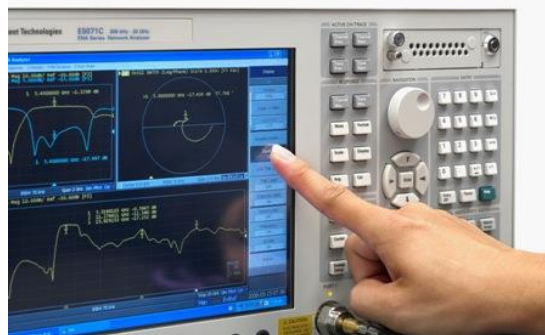
Electrical Test Reports

Electrical Properties	
Frequency	2400-2500MHz
Impedance	50 Ohm Nominal
V.S.W.R	<1.5Max
Return Loss	2dB Max
Radiation	Omni-directional
Effi %	40 %
Gain (Peak)	0.5 dB
Polarization	Linear, Vertical
Admitted Power	1 W
Connector	SMA gold-plated curved male tip male needle
Physical Properties	
Antenna Material	Brass sheet
Cable Type	
Operating Temp.	-40 ~ +85 °C
Storage Temp.	-40 ~ +85°C
Cable Color	

S Parameter Test

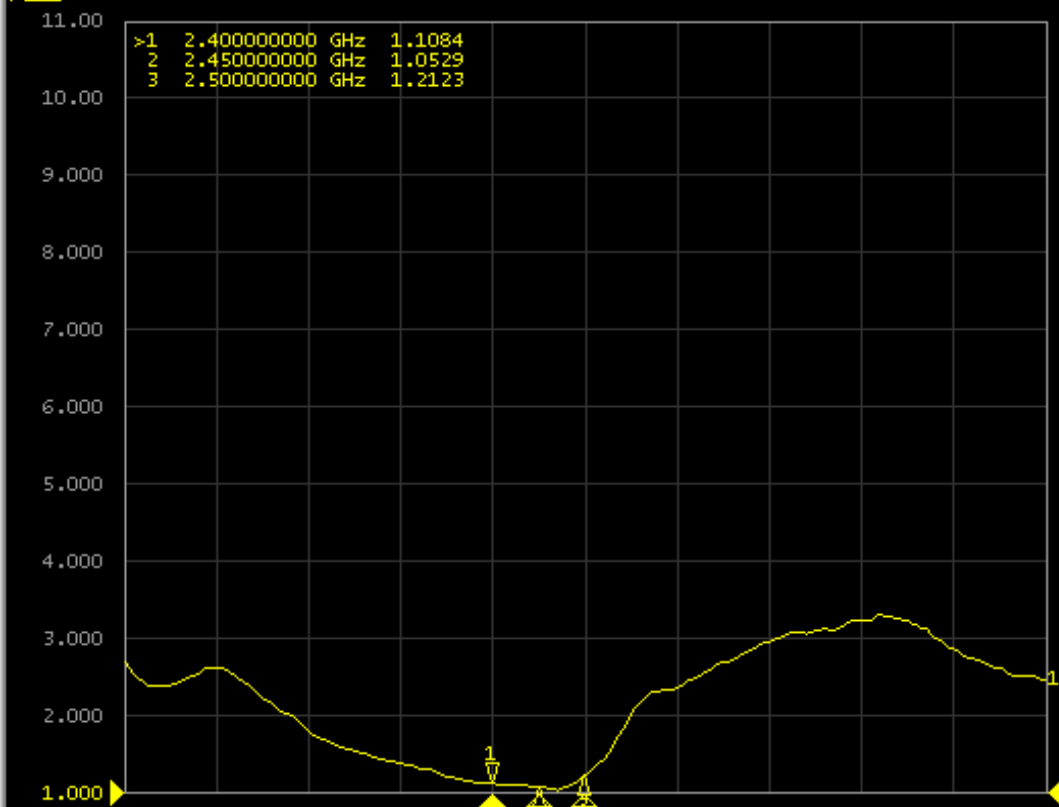
S Parameter Test

Agilent E5071C



1 Active Ch/Trace 2 Response 3 Stimulus 4 Mkr/Analysis 5 Instr State

► F1 S11 SWR 1.000/ Ref 1.000 [F1]



1 Start 2 GHz

IFBW 70 kHz

Stop 3 GHz

C?

Meas

Stop

ExtRef

Ready

Svc

2026-04-18 13:57

System

Print

Abort Printing

Printer Setup

Invert Image

ON

Dump
Screen Image

E5091A Setup

Misc Setup

Backlight

ON

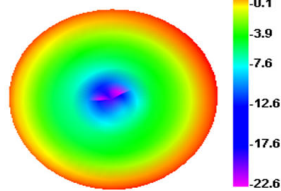
Firmware

Revision

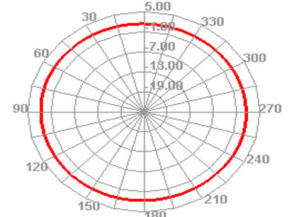
Gain/Efficiency

Freq (MHz)	Effi (%)	Effi (dBi)
2400	79.4	2.37
2410	77.65	2.35
2420	75.54	2.25
2430	74.71	2.07
2440	82.42	2.32
2450	83.12	2.32
2460	90.73	2.78
2470	88.59	2.9
2480	89.53	3.2
2490	83.4	3.06
2500	83.42	3.06

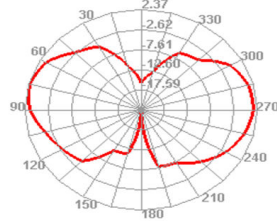
2400.000MHz



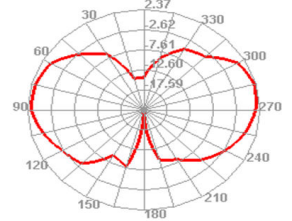
2400.000MHz H



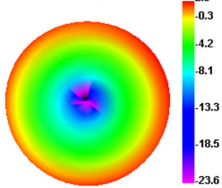
2400.000MHz E1



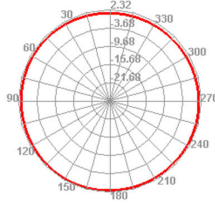
2400.000MHz E2



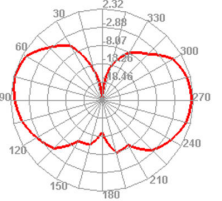
2450.000MHz



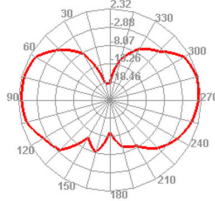
2450.000MHz H



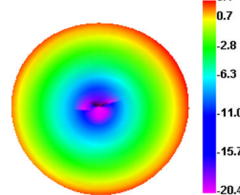
2450.000MHz E1



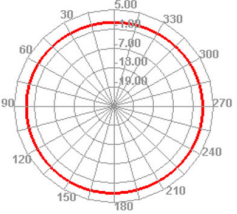
2450.000MHz E2



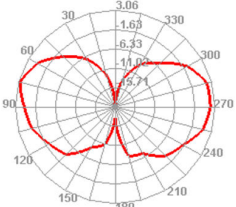
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

