

Antenna Test Report



Customer	合杨
Project	
Antenna Revision	A0
Prepared by	
Checked by	
Date:	2026. 03. 07

Purpose

This report is to measure the performance of antenna for .The antenna operating frequency at 2400-2500MHz, All test data are showed as below.

Content

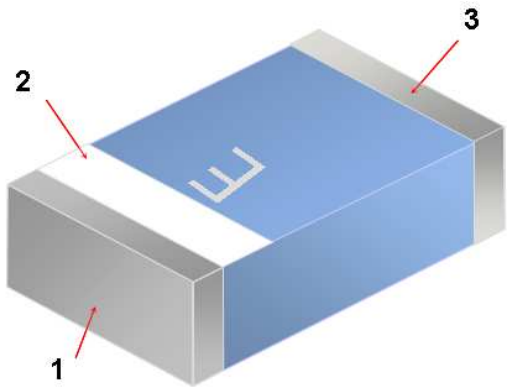
1. Product Overview & Dimension
2. Test system
3. Antenna Matching Network
4. Test Result
 - 4.1 ***S11 Parameter-VSWR***
 - 4.2 ***Gain & Efficiency***
 - 4.3 ***2D Pattern***

1.Product Overview & Dimension

样机图片



CONSTRUCTION



- 1. Feeding
- 2. Identification Mark
- 3. Soldering terminal

DIMENSIONS

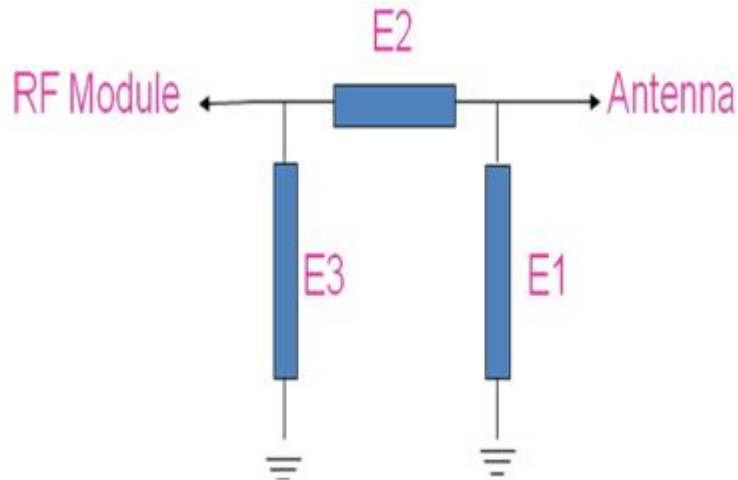
Figure	Symbol	Dimension (mm)
	L	3.20 ± 0.20
	W	1.60 ± 0.10
	T	1.20 ± 0.10
	a	0.25 ± 0.15

2. Test System

Sequence Number	Test Item	equipment
S parameter	VSWR	Agilent 5071C & Agilent 5062A
OTA Test	TRP&TIS	Agilent 8960 E5515C& Agilent 4438C&CMW500 &CMW270 ETS&SATIMO
Gain & Efficiency	Gain & Efficiency	ETS&SATIMO Agilent 5071C



3. Antenna Matching Network

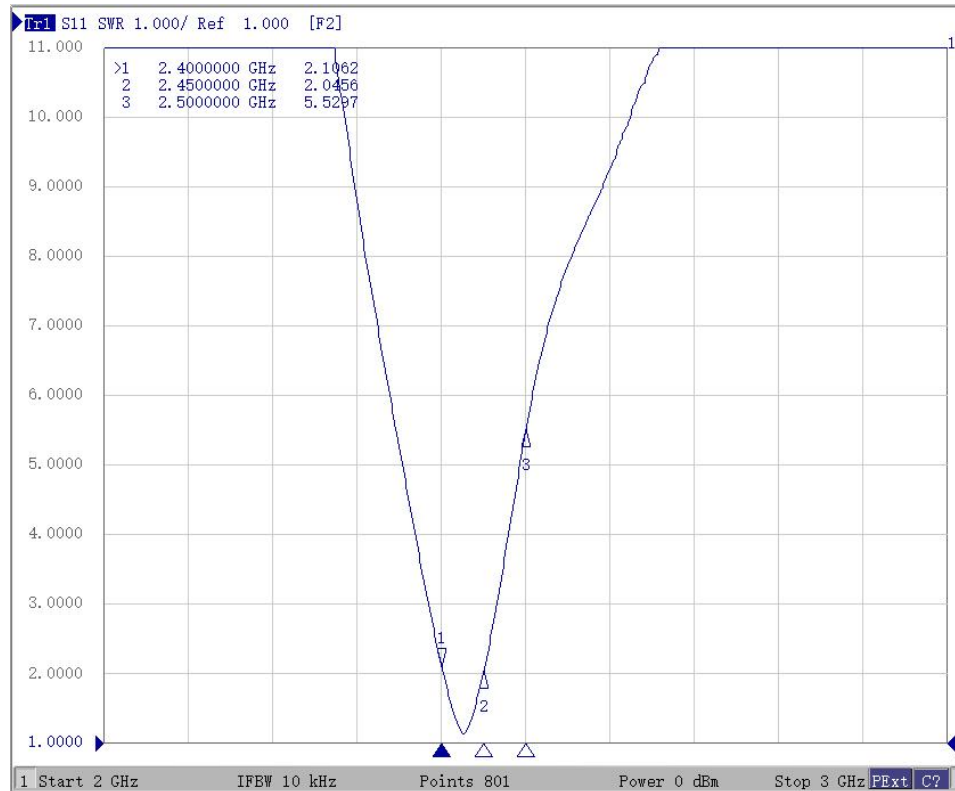


Element	Value
E1	/
E2	/
E3	/

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4. Test Result

4.1 S11 Parameter-VSWR



Frequency	2400	2450	2500
VSWR	2.10	2.04	5.52

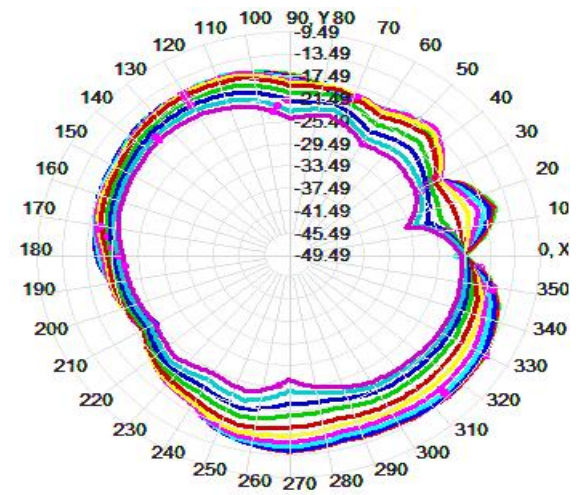
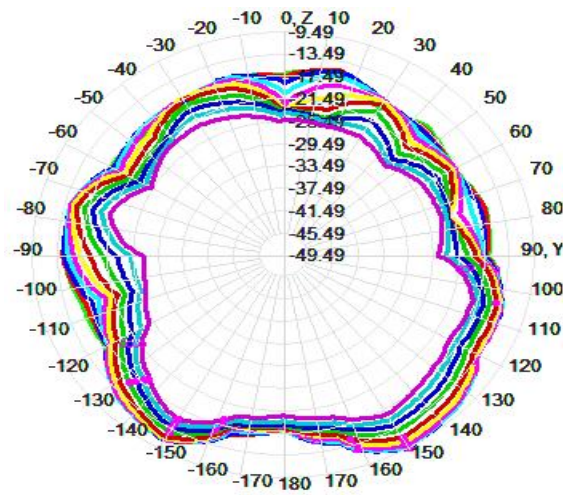
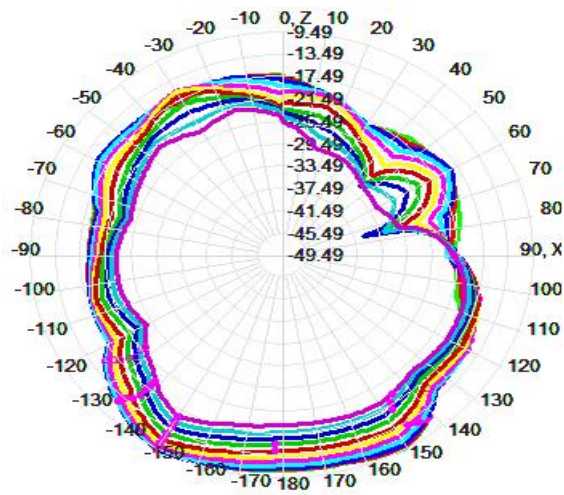
4. Test Result

4.2 Gain & Efficiency

Frequency (MHz)	Peak GAIN(dBi)	Efficiency (%)
2400	-7.18	2.72
2410	-7.08	2.80
2420	-7.05	2.86
2430	-7.32	2.73
2440	-7.73	2.52
2450	-8.40	2.20
2460	-9.24	1.86
2470	-10.51	1.41
2480	-11.55	1.11
2490	-12.52	0.89
2500	-13.51	0.70

4. Test Result

4.3 2D Pattern



Thank you !

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