

FEATURES

1. Surface Mounted Devices with a small dimension of $3.2 \times 1.6 \times 0.6 \text{ mm}^3$ meet future miniaturization trend.
2. High stability in Temperature / Humidity Change.
3. Superb performance to place on the middle of PCB edge and excellent peak/ average gain observed by field test application.

APPLICATIONS

1. ISM Band 2.4GHz applications.
2. Bluetooth..

CONSTRUCTION



PIN	Connection
1	Feeding
2	Soldering terminal

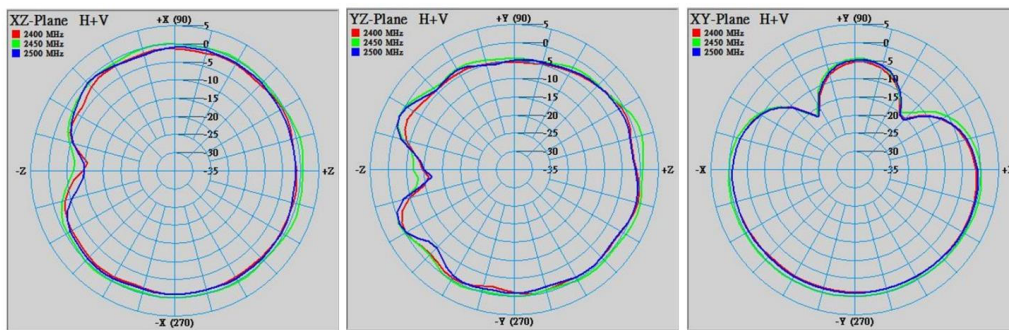
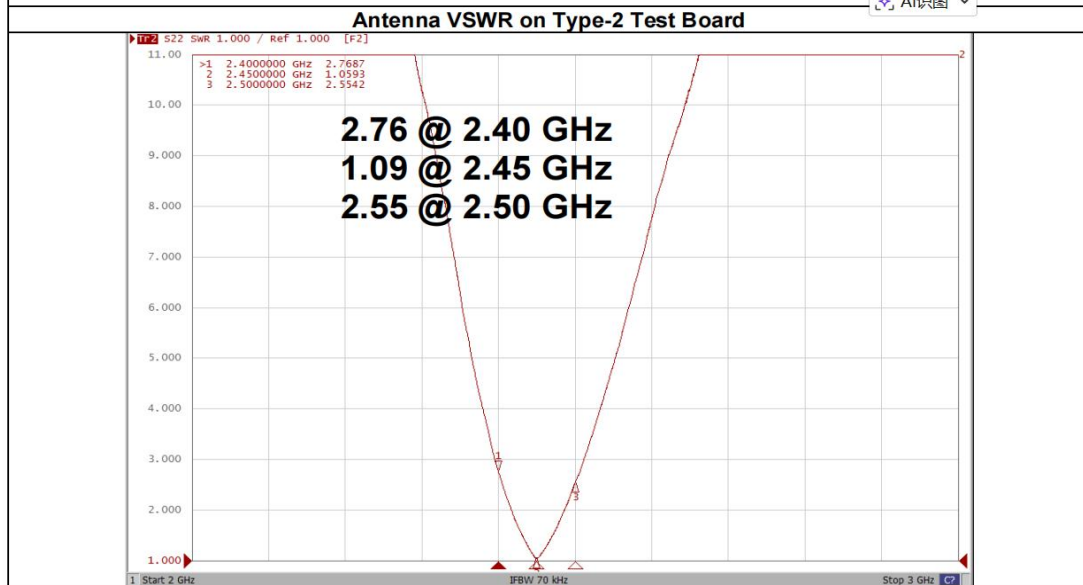
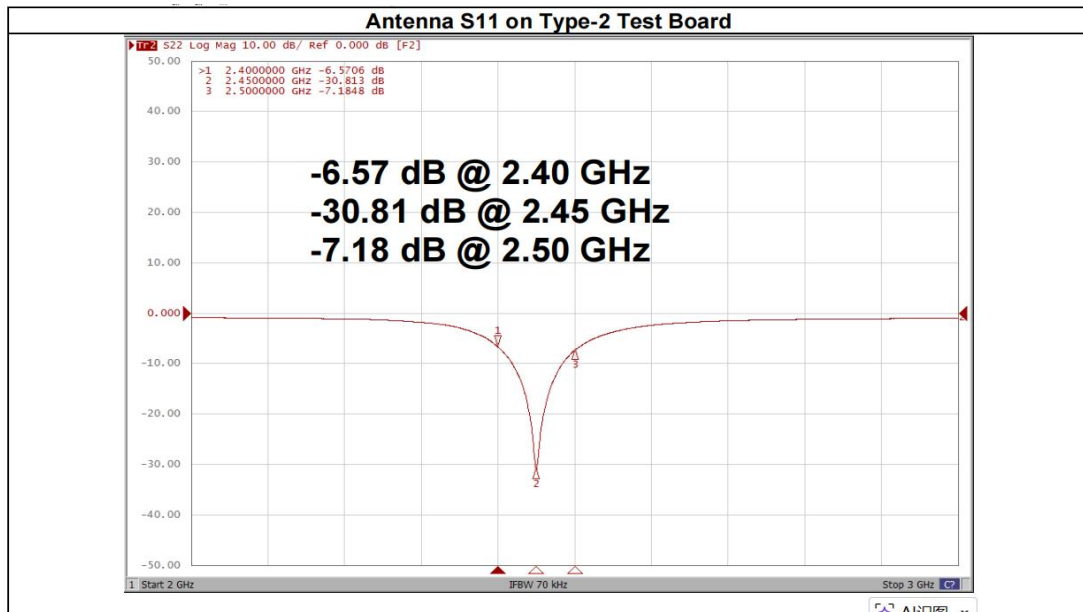
DIMENSIONS

Figure	Symbol	Dimension (mm)
The diagram shows a side view of the antenna component. It is a rectangular device with a central feed point labeled P1 and a soldering terminal labeled P2. The component is shown with its internal structure, including a central rectangular area and a smaller square area. Dimensions are indicated: L is the total length, W is the width, T is the thickness, and A is the height of the central feed point.	L	3.10 ± 0.20
	W	1.60 ± 0.20
	T	0.60 ± 0.10
	A	0.25 ± 0.20

Item	Specification
Working Frequency Range	2.4GHz~2.4835GHz (Note-1)
Gain	2 dBi (Typical)
VSWR	3.0 max.
Polarization	Linear
Azimuth Beamwidth	Omni-directional
Impedance	50Ω
Power Capacity	3 W max.
Maximum Input Power	5 Watts for 5 minutes

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	ZX plane		ZY plane		XY plane	
Frequency [MHz]	Max Value [dBi]	Average [dBi]	Max Value [dBi]	Average [dBi]	Max Value [dBi]	Average [dBi]
2400	-0.82	-1.83	0.27	-2.11	-0.58	-2.55
2450	0.94	-0.79	1.58	-1.15	0.47	-1.72
2500	-0.64	-1.10	0.35	-1.66	-0.44	-1.99