

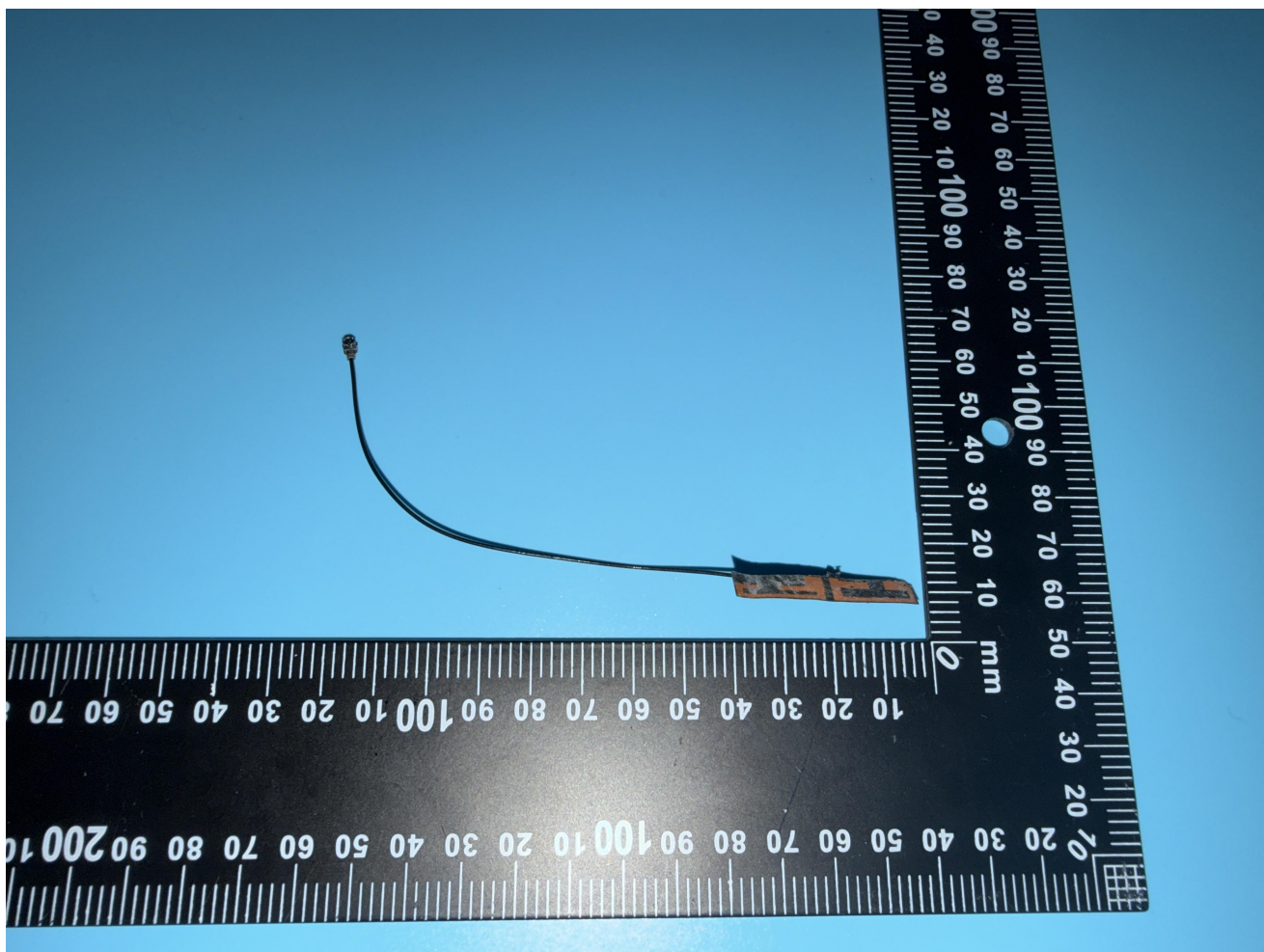
Antenna Specification

1、Electrical Parameters

Antenna Model	OA-FW4006
Center Frequency	2450 MHz
Antenna Bandwidth	2400-2500 MHz
Antenna Gain	0.12 dBi
Antenna Efficiency	33%
VSWR (Voltage Standing Wave Ratio)	<1.8
Polarization Direction	Vertical Polarization
Radiation Pattern	Omnidirectional
Input Impedance	50 Ω
Maximum Power	5 W

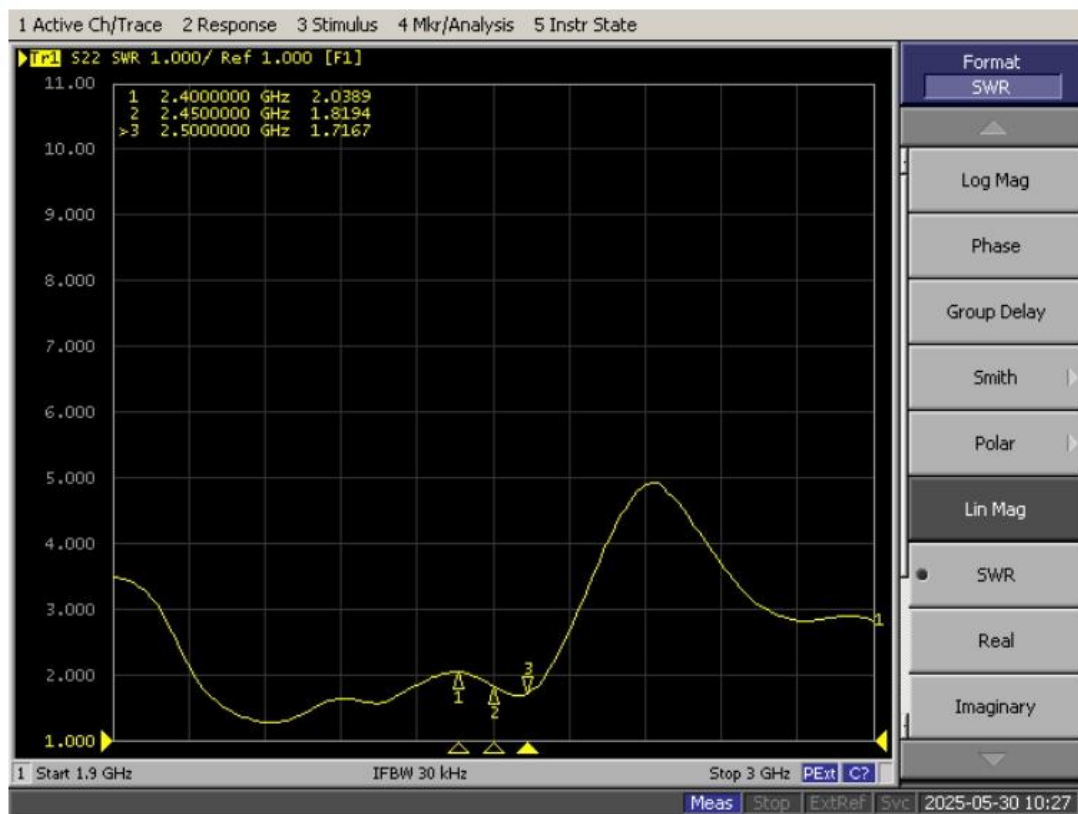
2、Other Parameters

Antenna Dimensions	40 × 5.5 × 0.15 mm
Antenna Thickness	0.15 mm
Coaxial Cable Length	4 cm
Antenna Material	FPC (Flexible Printed Circuit)
Coaxial Cable Specification	RF0.81
Connector Type	IPEX 1 st Gen
Operating Temperature	-40°C to +80°C

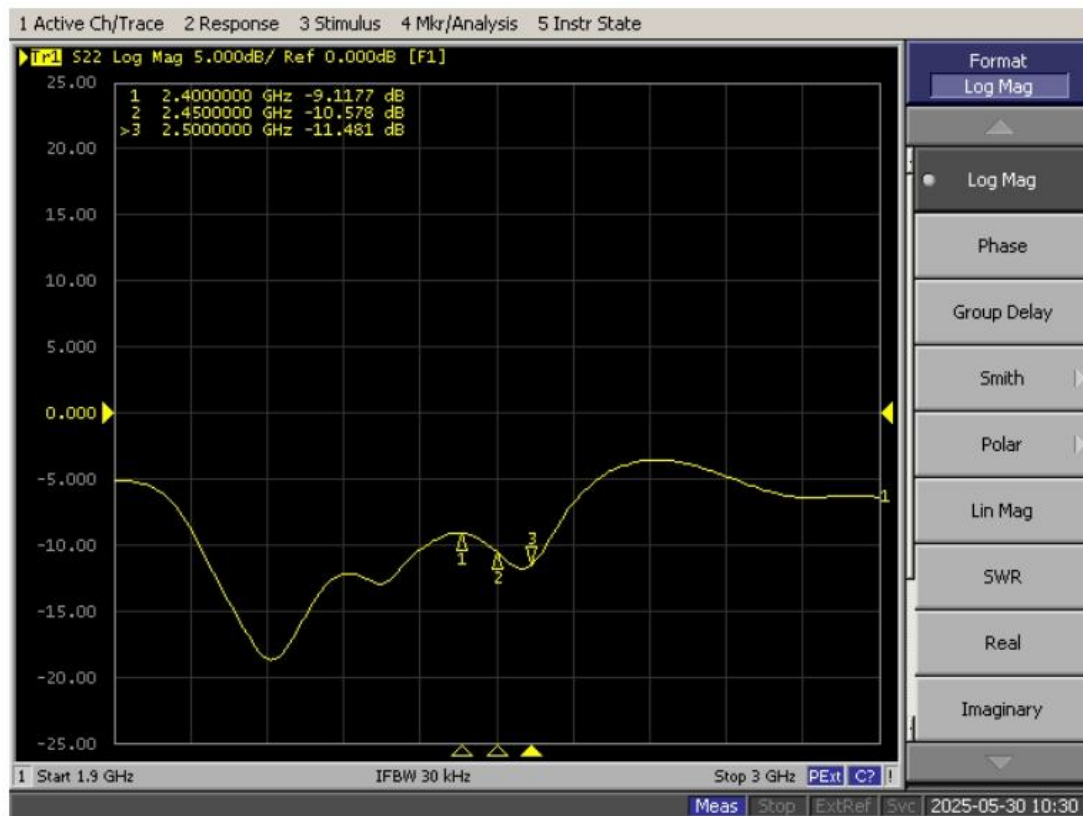


40mm*5.5mm*0.15mm

3、Antenna VSWR



4、Return Loss



5、Antenna Gain & Efficiency

Frequency/Mhz	MaxGain/dBi	Efficiency / %
2400	-0.23	27.48
2410	-0.07	29.04
2420	0.03	28.97
2430	0.06	29.11
2440	0.12	29.92
2450	-0.17	30.06
2460	-0.12	29.85
2470	0.03	30.69
2480	0.35	32.28
2490	0.3	34.28
2500	0.4	33.19

6、3D Radiation Pattern

2450MHz

