

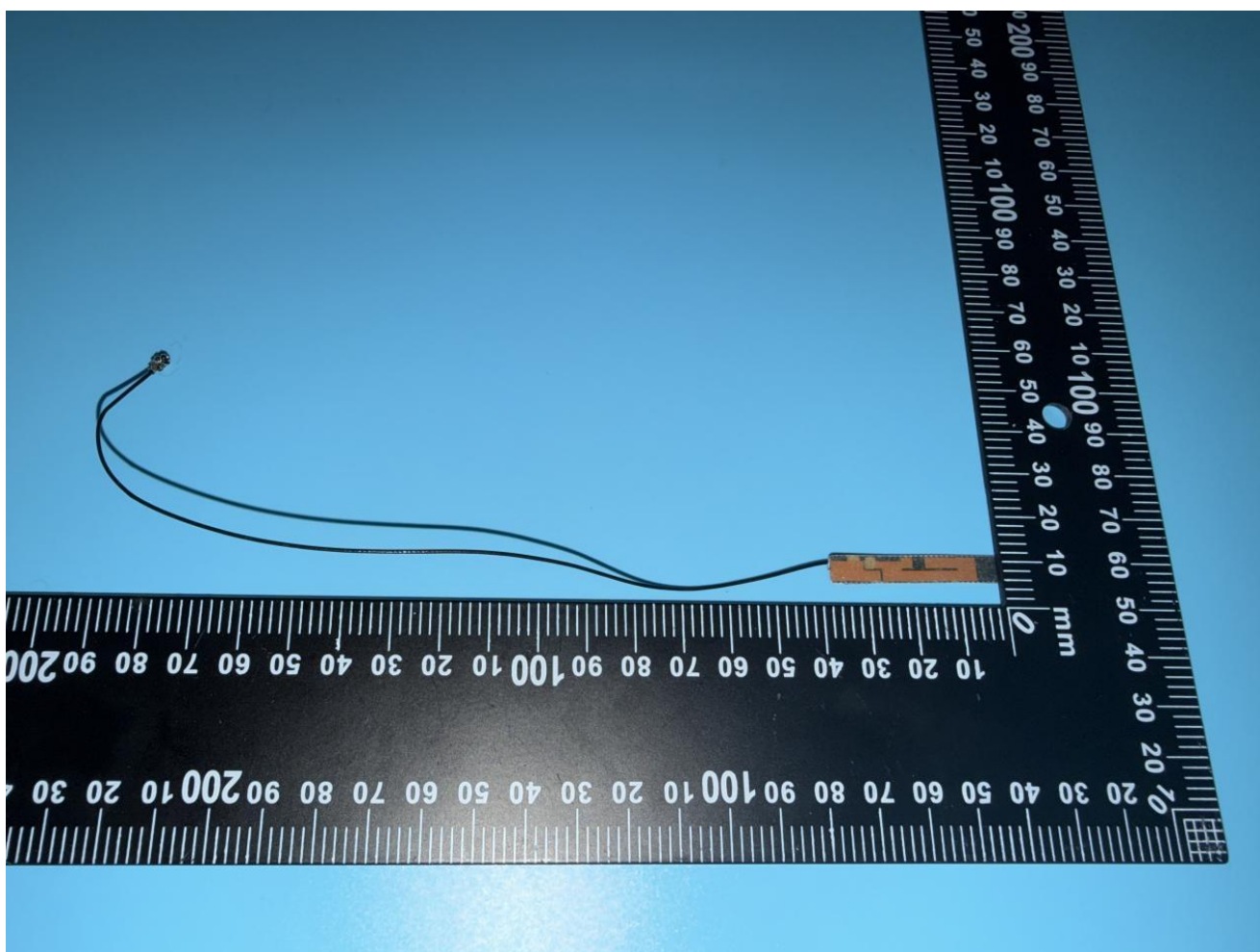
Antenna Specification

1、Electrical Parameters

Antenna Model	OA-FW4007A
Center Frequency	2450MHz/5500GHz
Antenna Bandwidth	2400-2500MHz/5200-5800MHz
Antenna Gain	-3dB (2.4G) 2dB (5G)
Antenna Efficiency	8% (2.4G) 16% (5G)
VSWR (Voltage Standing Wave Ratio)	<2
Gain	-3.08 dBi For 2.4G, 2.59 dBi For 5G
Polarization	Vertical Polarization
Radiation Pattern	Omnidirectional
Input Impedance	50Ω
Maximum Power	5W

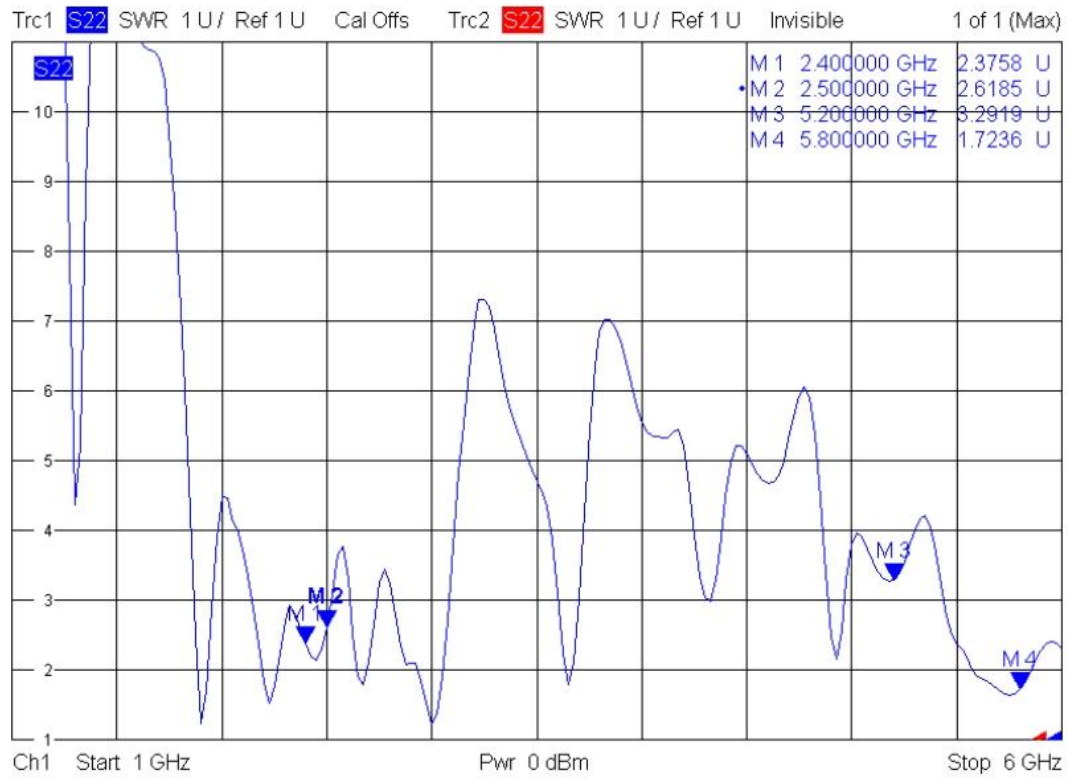
2、Mechanical & Other Parameters

Antenna Body Size	40.0*6.0*0.4mm
Antenna Body Thickness	0.4mm
Coaxial Cable Length	4cm
Antenna Body Material	FPC (with Reinforcement Plate)
Coaxial Cable Specification	RF0.81
Connector Specification	IPEX1 Generation
Operating Temperature	-30℃~+80℃

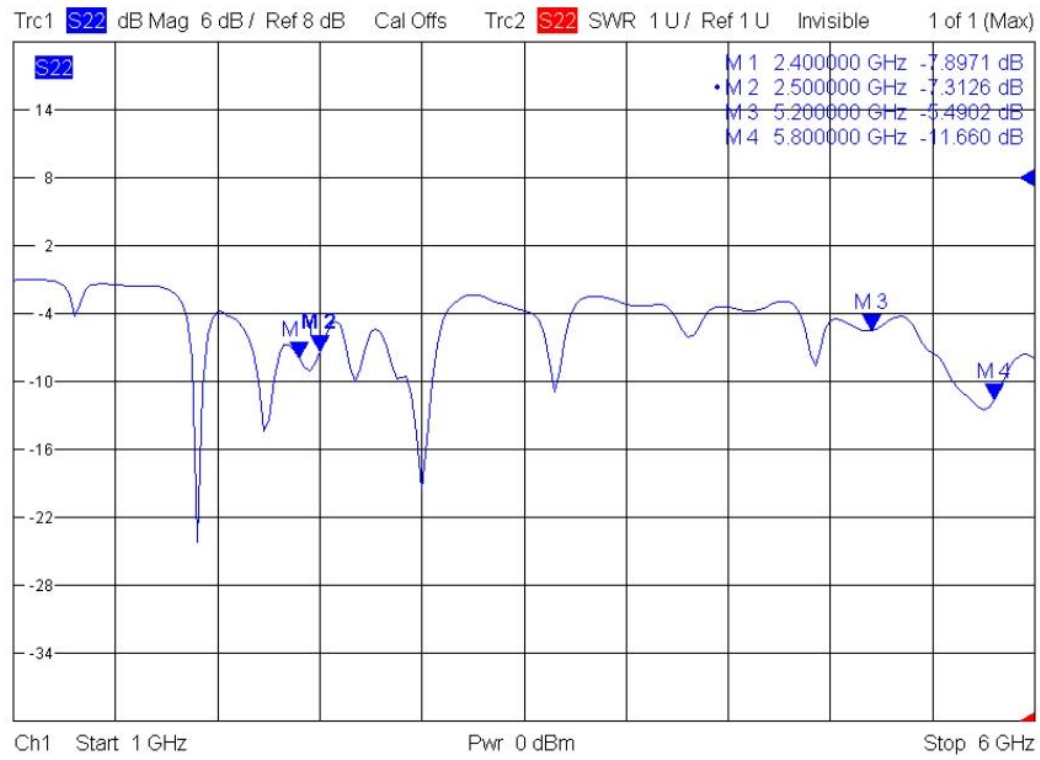


40mm*6.0mm*0.4mm

3、Antenna VSWR



4、Return Loss



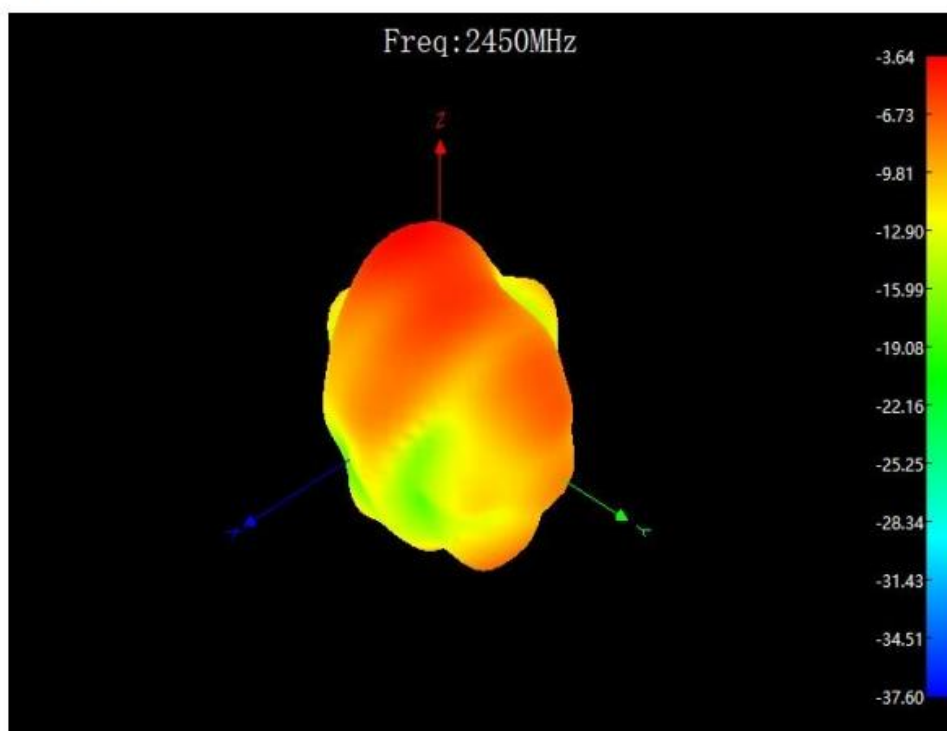
5、Antenna Gain & Efficiency

Frequency/Mhz	MaxGain/dBi	Efficiency / %
2400	-3.51	10.72
2410	-3.94	9.75
2420	-3.84	9.2
2430	-4.04	8.17
2440	-3.84	8.51
2450	-3.64	8.79
2460	-3.47	8.57
2470	-3.08	8.89
2480	-2.94	8.91
2490	-3.11	8.57
2500	-3.47	7.71
5200	-5.32	3.12
5250	-4.83	3.66
5300	-4.6	4.3
5350	-2.83	5.97
5400	-0.45	8.49
5450	0.52	11.35
5500	2.11	16.26
5550	2.59	17.82
5600	1.85	15.7
5650	1.61	15.35
5700	1.55	14.03
5750	1.86	14.39
5800	1.49	14.06

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6、3D Radiation Pattern

2450MHz



5500MHz

