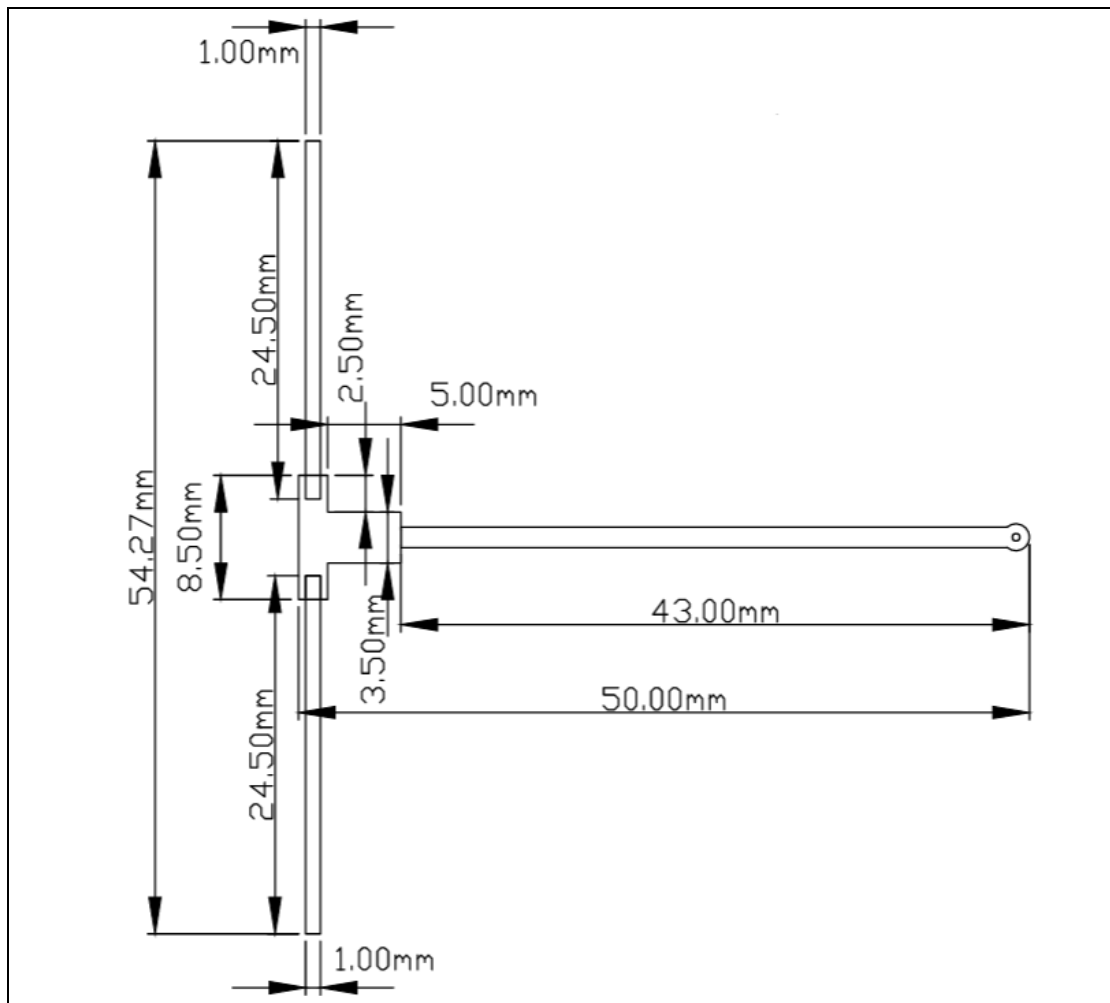
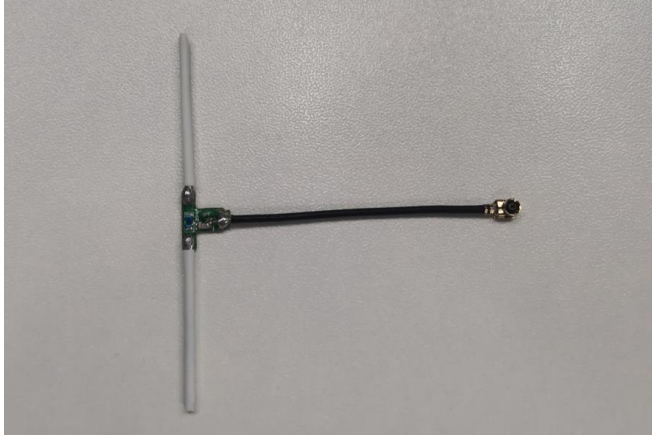


2.4G T-shaped antenna
Model: LR SE T

Drawing

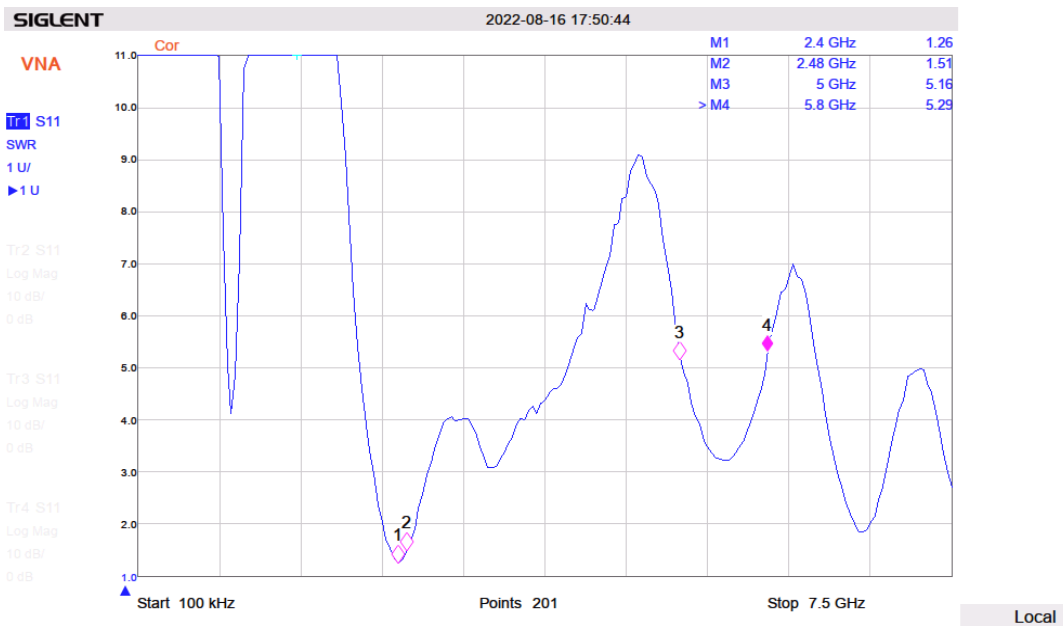
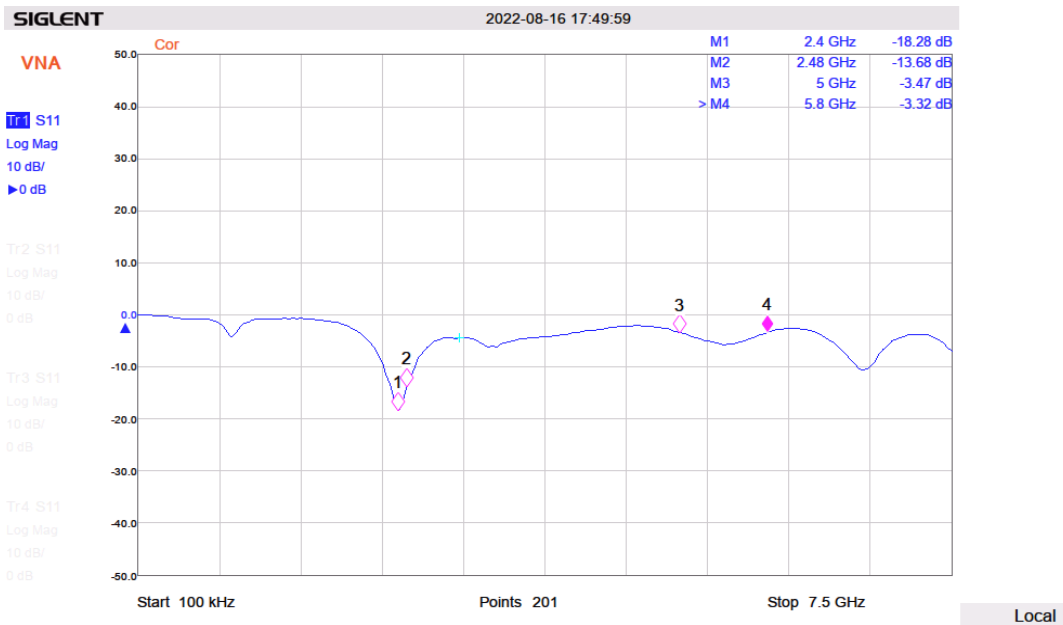


Test Report

Sample Photo	
	
Basic Parameter	
Antenna Type	Dipole T Type Antenna
Manufacture	Shenzhen Baida Moxing Co.,Ltd.
Manufacture Address	Room 2005-2, Building 6, Tian'an Cloud Park, Gangtou Community, Bantian St., Longgang Dist. Shenzhen China
Electrical Characteristics	
Frequency	2400 ~ 2500 MHz
S.W.R	≤ 2.0 @ 2400 ~ 2500 MHz
Impedance	50 Ohm Nominal
Return Loss	-10 dB Max
Radiation	Omni-directional
Cable Loss	2 dB / m Max
Polarization	Linear, Vertical
Admitted Power	1W
Connector	IPEX
Physical Properties	
Antenna Material	FR4+steel+
Cable Type	
Operating Temp.	-25~+85°C
Storage Temp.	-25~+85°C

S parameter Test

Siglent SSA1000X



SIGLENT

2022-08-16 17:52:30

VNA

Cor

S11
Smith(R+jX)
1 U/
► 0 U

Tr2 S11
Log Mag
10 dB/
0 dB

Tr3 S11
Log Mag
10 dB/
0 dB

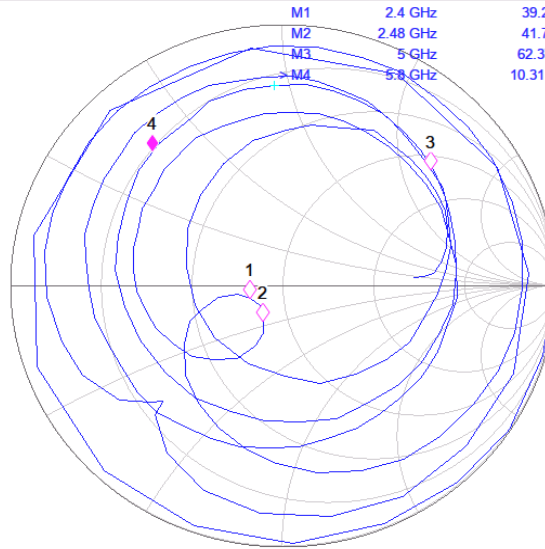
Tr4 S11
Log Mag
10 dB/
0 dB

Start 100 kHz

Points 201

Stop 7.5 GHz

Local



M1	2.4 GHz	39.20 Ω	-3.67 Ω	18.08 pF
M2	2.48 GHz	41.78 Ω	-11.51 Ω	5.57 pF
M3	5 GHz	62.37 Ω	109.79 Ω	3.49 nH
M4	5.8 GHz	10.31 Ω	20.98 Ω	575.78 pH

Gain Test

Freq.(MHz)	2400	2410	2420	2430	2440	2450	2460	2470	2480	2490	2500
Peak Gain(dBi)	2.05	2.05	2.06	2.06	2.07	2.07	2.08	2.08	2.08	2.09	2.09
Peak Degree	82	82	82	82	82	82	82	82	82	81	81
AV Gain(dBi)	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.20	-0.21	-0.21	-0.21	-0.21

3D antenna pattern

