



Antenna Specification

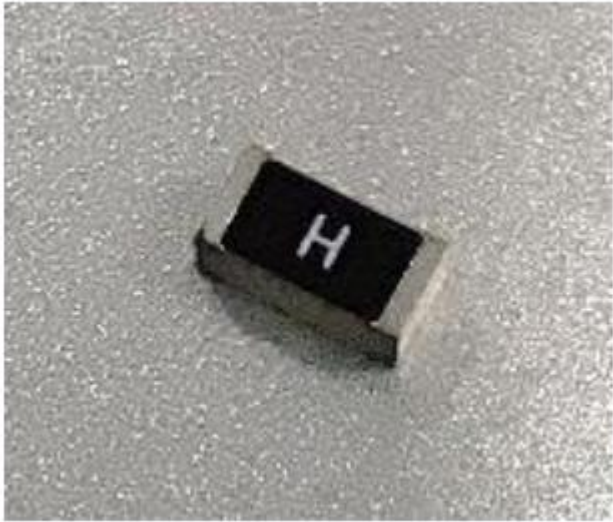
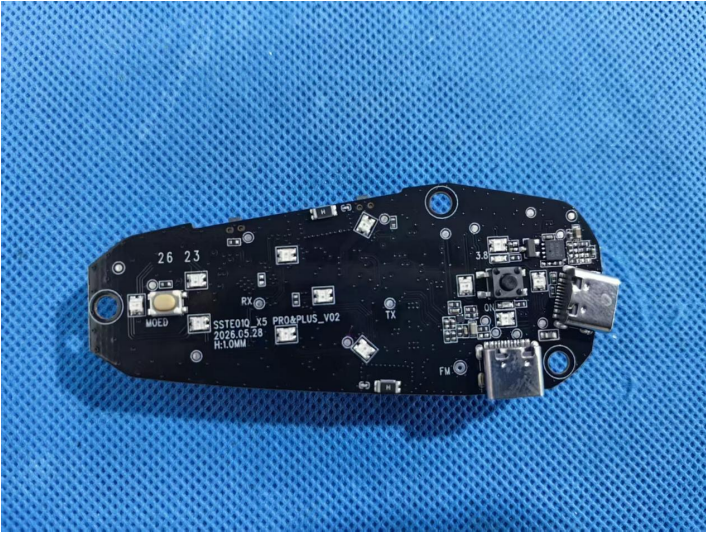
Antenna type:	Chip antenna
Frequency:	2402MHz-2480MHz
Gain(dBi):	3.21dBi
Antenna Size:	3.2*1.6*1.0mm
Modulation:	GFSK, $\pi/4$ DQPSK, 8-DPSK
Manufacture:	SHEN ZHEN YINGFENG ANTENNA TECHNOLOYCO.,LTD
Address:	Room 412, Building 7, Phase 2, Nanshan Yungu Entrepreneurship Park, No.2 Pingshan 1st Road, Pingshan Community, Taoyuan Street, Nanshan District, Shenzhen, China



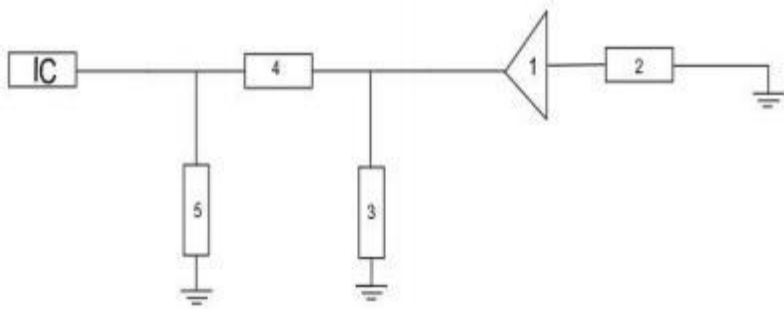
一、Product Photo



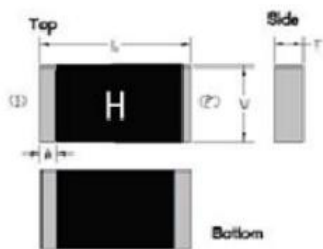
Mounting Position



(1)Product Type	Chip Antenna
(2)Size Code	3.2x1.6x1.0mm
(3)Type Code	H3
(4)Packing	Plastic Packaging
(5)Frequency	2.45GHz



Dimension and Terminal Configuration



Dimension (mm)	
L	3.15+/-0.15
W	1.55+/-0.15
T	1.0+/-0.10
A	0.35+/-0.10

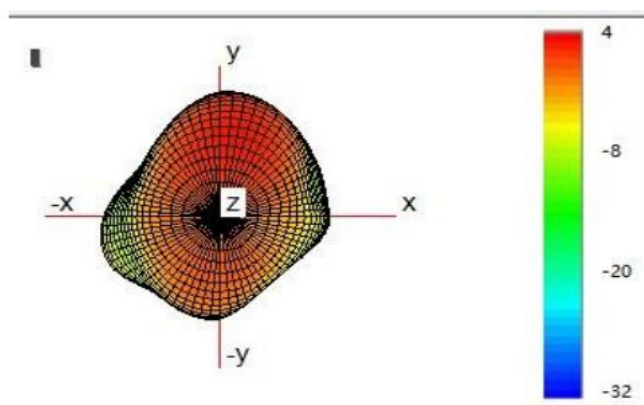
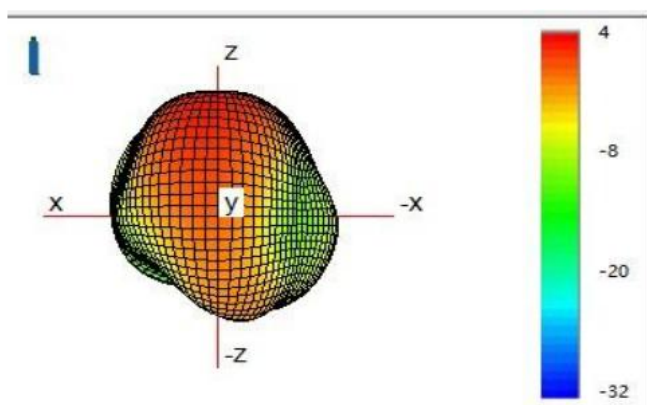
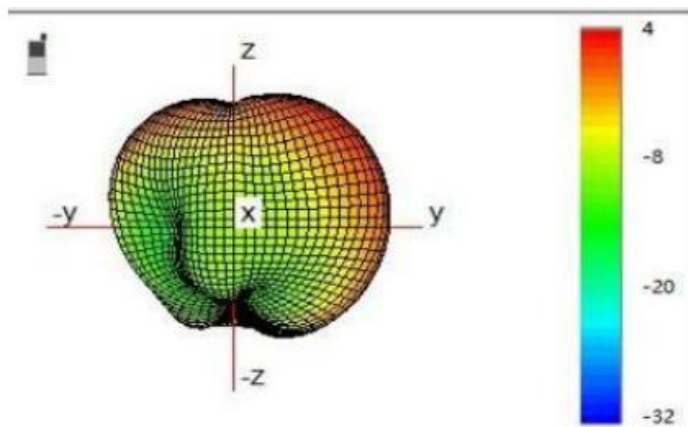
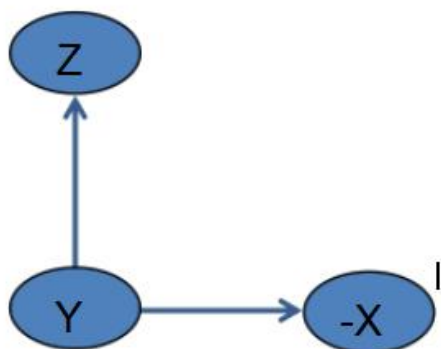
No.	Terminal Name
1	Feeding point
2	GND

Debug antenna S-parameters with Vector Network Analyzer



Freq (MHz)	Gain (dBi)	Efficiency (dB)	Efficiency (%)
2400	2.994270729	-4.379720564	36.47774169
2410	3.070333188	-4.230521509	37.75268541
2420	3.180301495	-4.132262379	38.61657586
2430	3.155493431	-4.070528962	39.16941667
2440	3.216318282	-3.924990924	40.50427916
2450	3.174803805	-3.913968824	40.60720684
2460	2.840117586	-4.160384599	38.3673267
2470	2.833857235	-4.097438012	38.9274718
2480	2.811077346	-4.05172816	39.33935038
2490	2.474983557	-4.254203024	37.54738516
2500	2.336578143	-4.396293617	36.33880474

Passive Radiation Pattern of Complete DUT in Free Space



OTA Radiation Pattern of Complete DUT in Free Space

	Channel	TRP功率 (dBm)	TIS灵敏度 (dBm)
1	CH 0	18.24127675	-91.99087474
	CH 39	19.3753176	-92.87280872
	CH 78	18.6741081	-92.5320456

