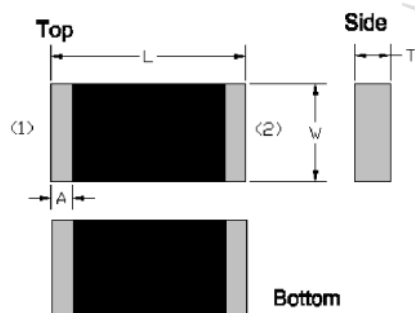
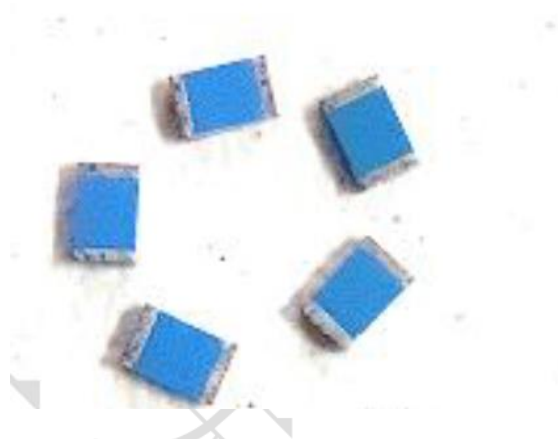


Antenna Describe

Antenna	Internal Antenna
Antenna Gain	1.54dBi
Frequency Range	2.4Ghz-2.483Ghz
Connector Type	Direct
Location of measurement (company name)	Shenzhen ZKS Mobile IoT Tech. Co., Ltd.
Manufacturer:	Shenzhen ZKS Mobile IoT Tech. Co., Ltd.
Address:	504&405A, Wanwei Building, No. 5, Gongye 5th Road, Nanshan District, Shenzhen, Guangdong, P.R.China

2: External View Drawing

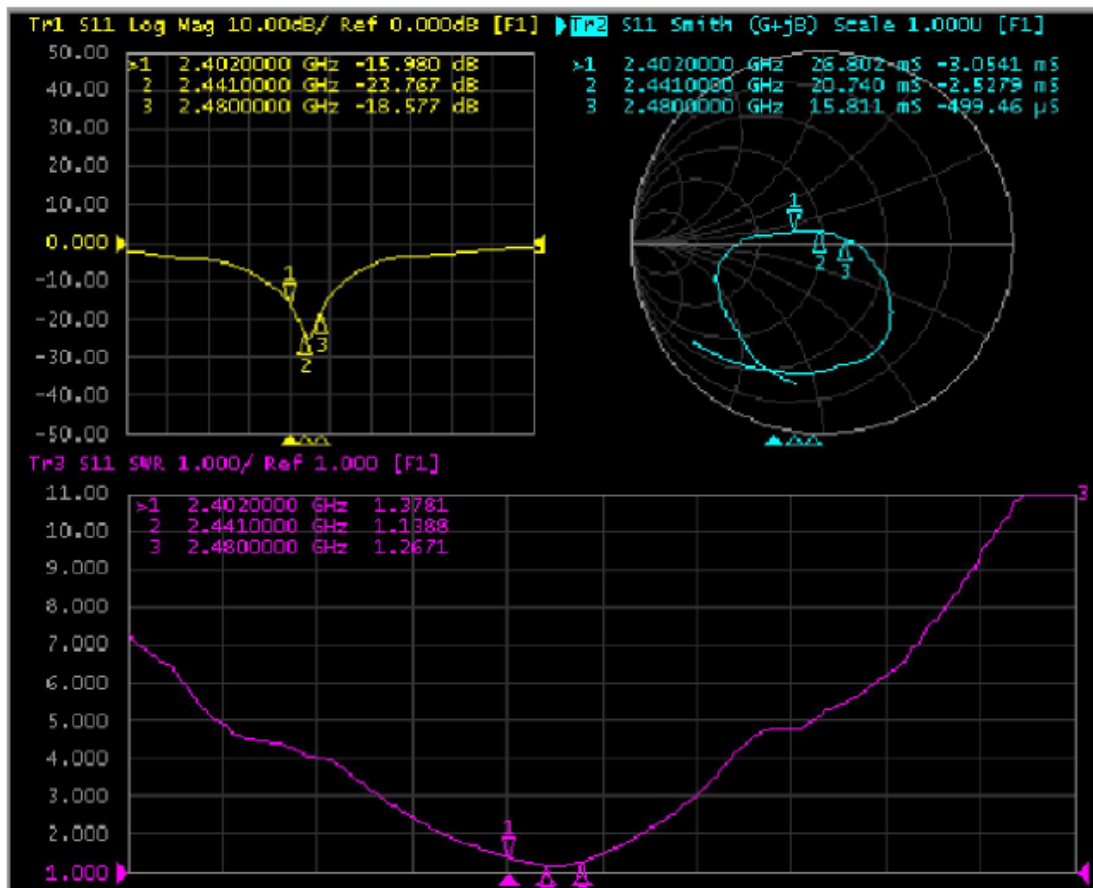
Antenna Photo & Length (mm)



Dimension (mm)	
L	2.05±0.15
W	1.20±0.15
T	0.50±0.10
A	0.20±0.10

No.	Terminal Name
1	Feeding/GNG
2	GND/Feeding

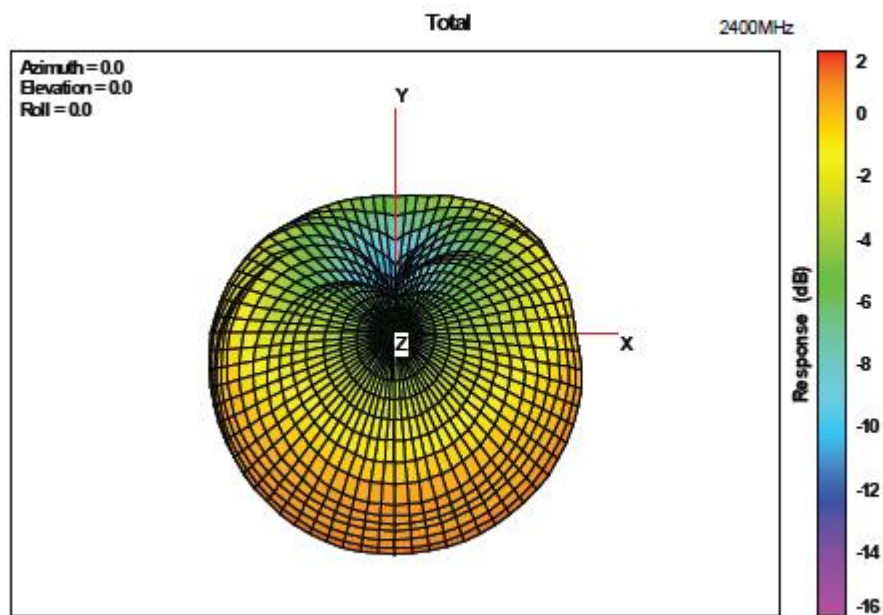
P.S.: Top & down and left & right side are symmetrical, No direction



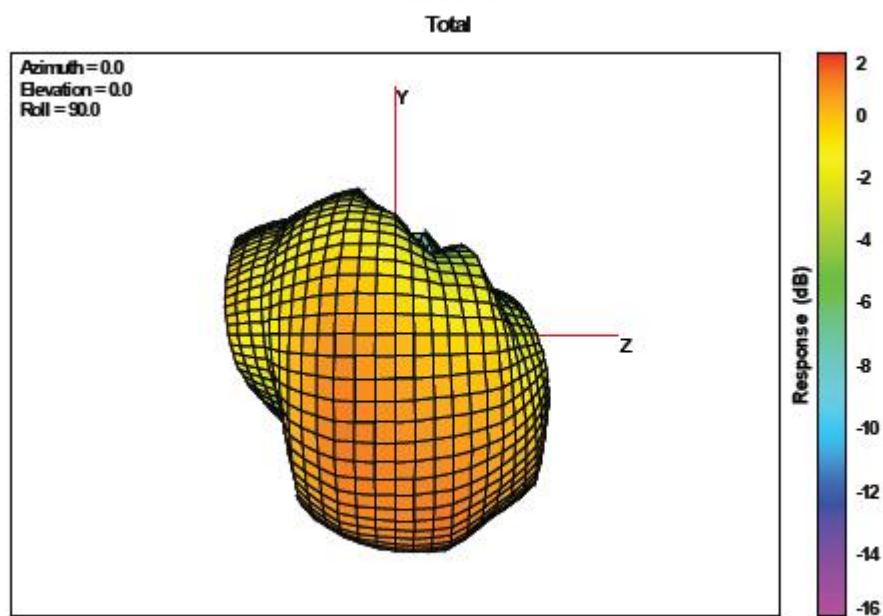
Efficiency & Gain

Frequency (MHz)	Efficiency (dB)	Efficiency (%)	Gain (dBi)
2400	-1.53	70.24	1.33
2402	-1.53	70.34	1.31
2405	-1.52	70.51	1.33
2410	-1.49	71.01	1.33
2415	-1.50	70.82	1.32
2420	-1.46	71.47	1.41
2425	-1.45	71.57	1.37
2430	-1.43	71.89	1.39
2435	-1.44	71.70	1.34
2440	-1.40	72.38	1.47
2441	-1.40	72.44	1.51
2445	-1.40	72.42	1.44
2450	-1.41	72.27	1.50
2455	-1.45	71.60	1.53
2460	-1.44	71.82	1.51
2465	-1.50	70.76	1.54
2470	-1.56	69.76	1.48
2475	-1.59	69.35	1.46
2480	-1.67	68.13	1.47
2482	-1.71	67.50	1.43
2485	-1.76	66.65	1.33
2490	-1.82	65.75	1.31
2495	-1.91	64.44	1.29
2500	-1.96	63.66	1.18

3D Radiation Pattern



Front View



Side View

Configuration



Front View



Side View