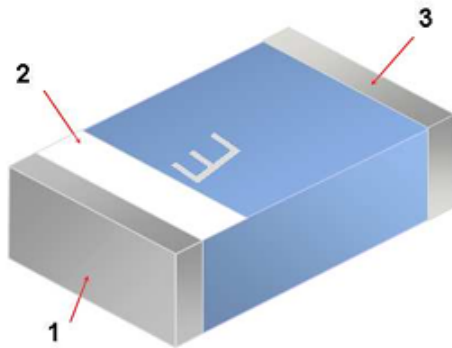

Antenna Describe

Antenna	Internal Antenna
Antenna Gain	1.49dBi
Frequency Range	2.4Ghz-2.483Ghz
Connector Type	Direct
Location of measurement (company name)	Zhongshan Century Elasic Lock CO.,LTD
Manufacturer:	Zhongshan Century Elasic Lock CO.,LTD
Address:	76 Weimin Road,Xiaolan Town,Zhongshan City, Guangdong Province

Antenna Photo & Length (mm)

CONSTRUCTION



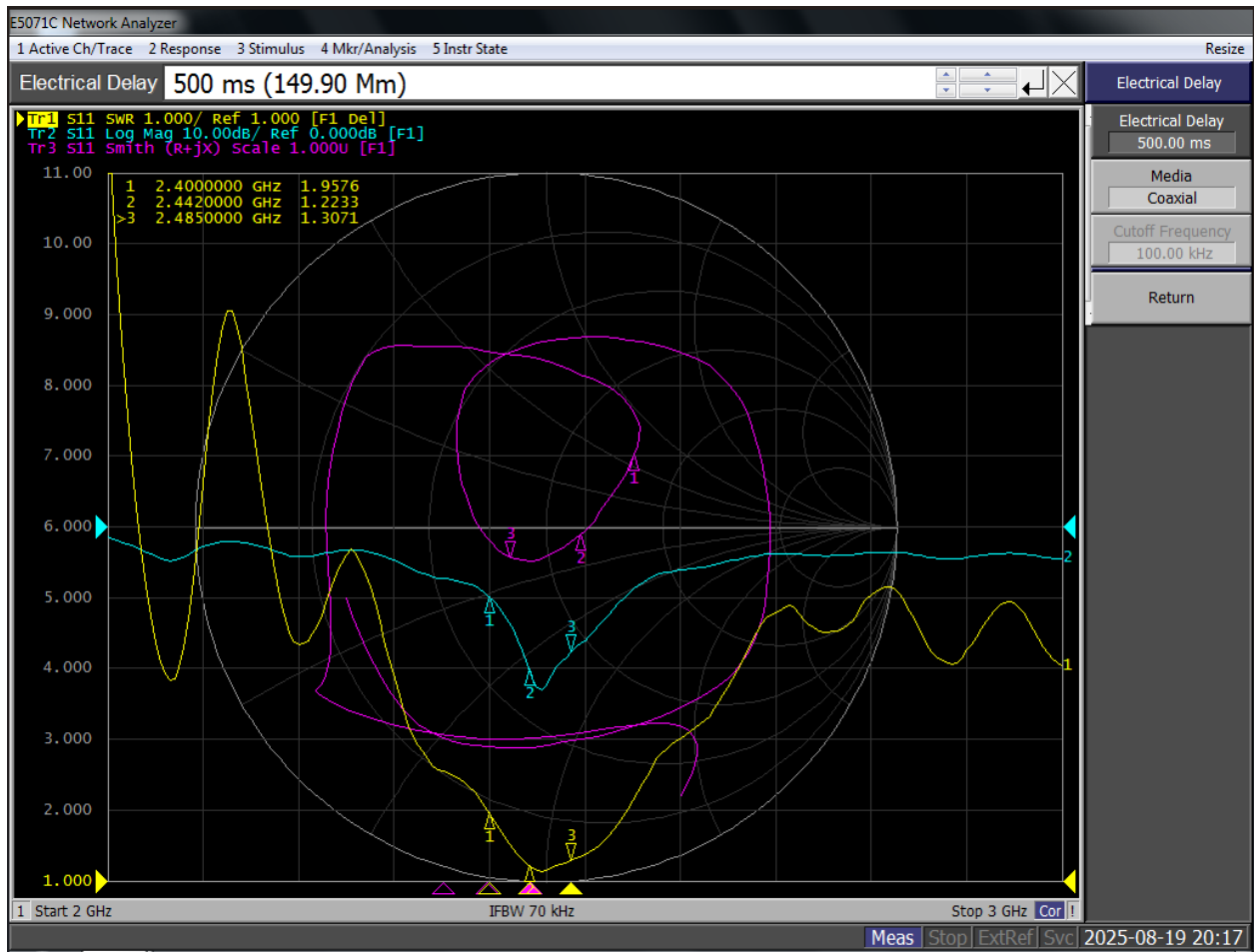
1. Feeding
2. Identification Mark
3. Soldering terminal

DIMENSIONS

Figure	Symbol	Dimension (mm)
	L	3.20 ± 0.20
	W	1.60 ± 0.10
	T	1.20 ± 0.10
	a	0.25 ± 0.15

1. Characteristics curve

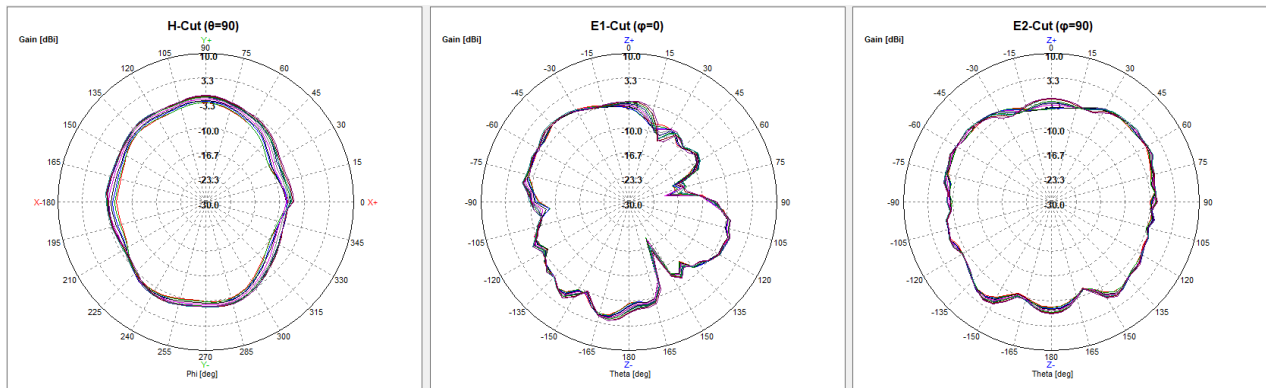
1.1 S11/ SWR



2. 2D Radiation characteristics of antenna

2.1 Frequency

2400MHz 2410MHz 2420MHz 2430MHz 2440MHz 2450MHz 2460MHz 2470MHz 2480MHz



2.2 Result Summary

Freq.[GHz]	Eff.[%]	Avg.[dBi]	Peak[dBi]
2.4	59.7	-2.24	1.34
2.41	61.8	-2.09	1.43
2.42	59.88	-2.23	1.29
2.43	59.23	-2.27	1.25
2.44	59.98	-2.22	1.32
2.45	61.23	-2.13	1.49
2.46	58.39	-2.34	1.47
2.47	56.82	-2.46	1.4
2.48	55.76	-2.54	1.26