

Antenna Describe

Antenna	Internal Antenna
Antenna Gain	1.49dBi
Frequency Range	2.4Ghz-2.483Ghz
Connector Type	Direct
Location of measurement (company name)	SHENZHEN LIFEI INTELLIGENCT TECHNOLOGY CO.LTD
Manufacturer:	SHENZHEN LIFEI INTELLIGENCT TECHNOLOGY CO.LTD
Address:	Office 101, South Side, Building 16, No. 69 Tongfu Road, Tangkeng Community, Biling Subdistrict, Pingshan District, Shenzhen

Antenna Photo & Length (mm)

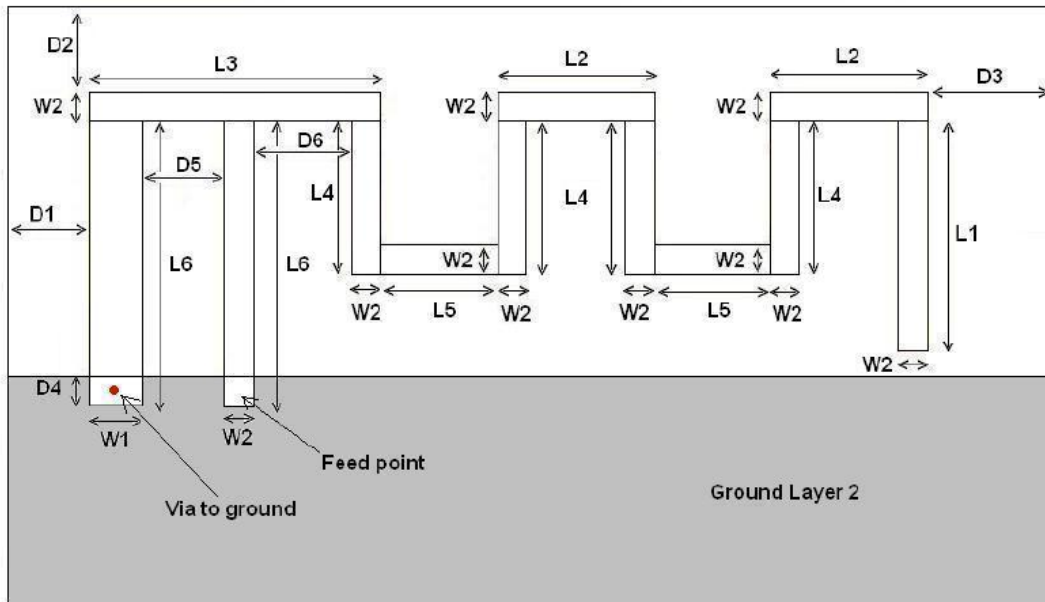


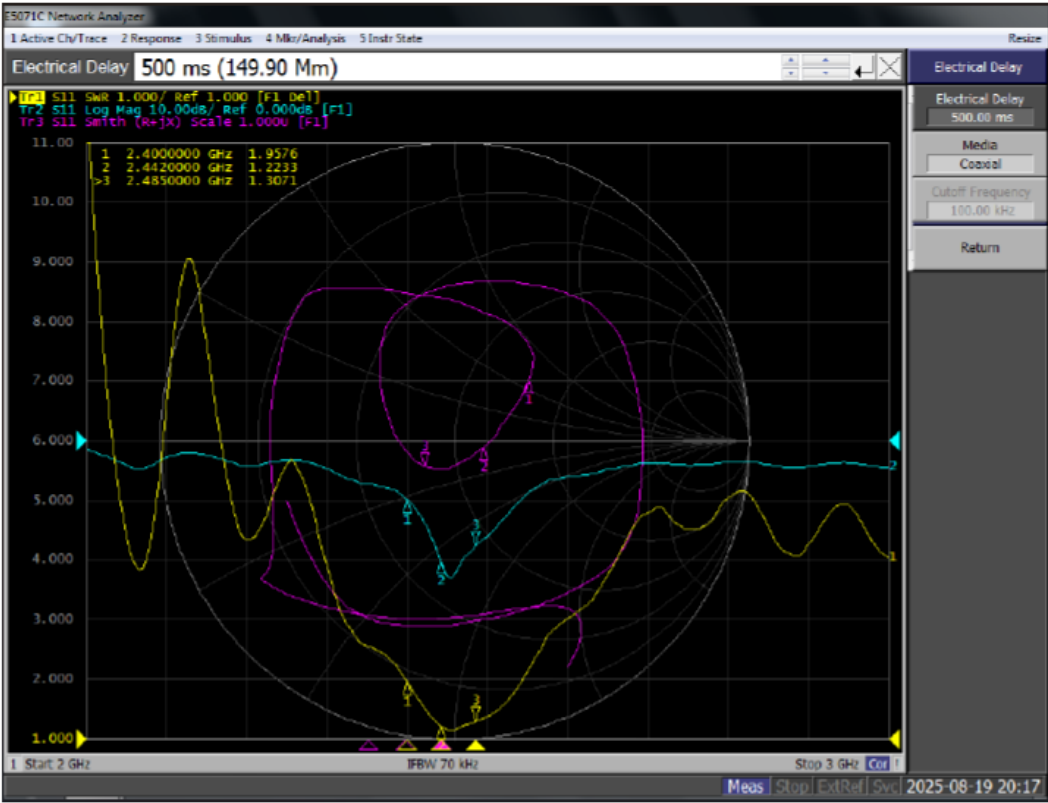
Figure 3: Antenna Dimensions

L1	3.94 mm
L2	2.70 mm
L3	5.00 mm
L4	2.64 mm
L5	2.00 mm
L6	4.90 mm
W1	0.90 mm
W2	0.50 mm
D1	0.50 mm
D2	0.30 mm
D3	0.30 mm
D4	0.50 mm
D5	1.40mm
D6	1.70 mm

Table 1: Antenna Dimensions

2. Characteristics curve

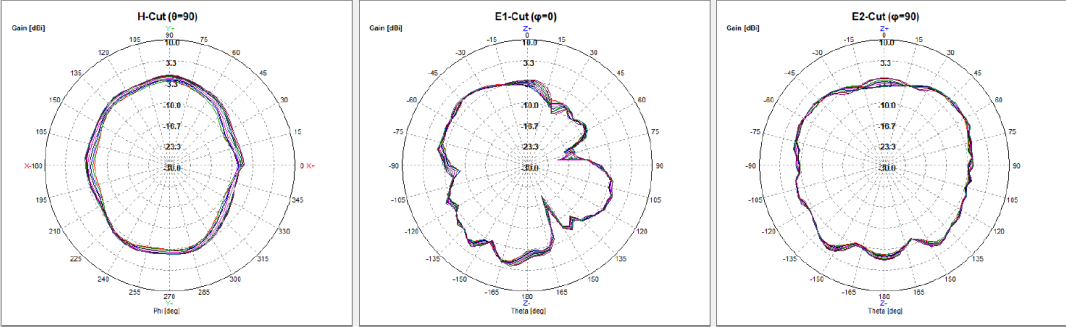
2.1 S11/ SWR



3. 2D Radiation characteristics of antenna

3.1 Frequency

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



3.4 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