

# Shenzhen Iflycom Technology Co., LTD

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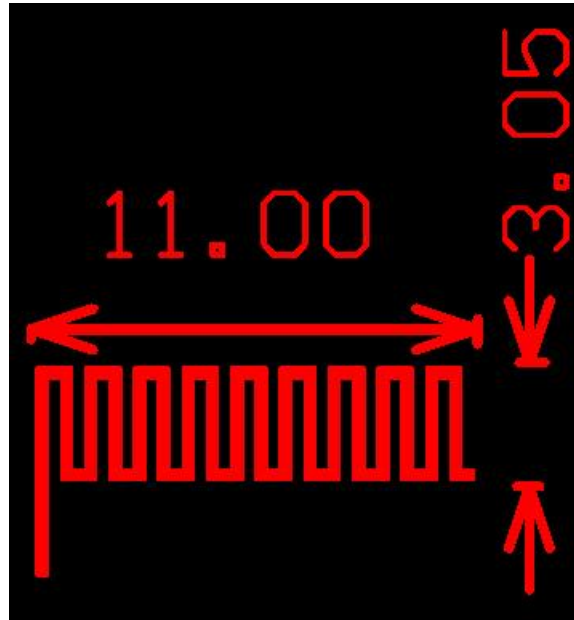
## Electrical performance test report

### Electrical Properties

Frequency	2.402GHz-2.48GHz
Impedance	500hm
V. S. W. R	1.5:1 MAX
Return Loss	-40dB Max
Radiation	Omni-directional
Gain(peak)	1 dBi
manufacturer	Rafel Microelectronics

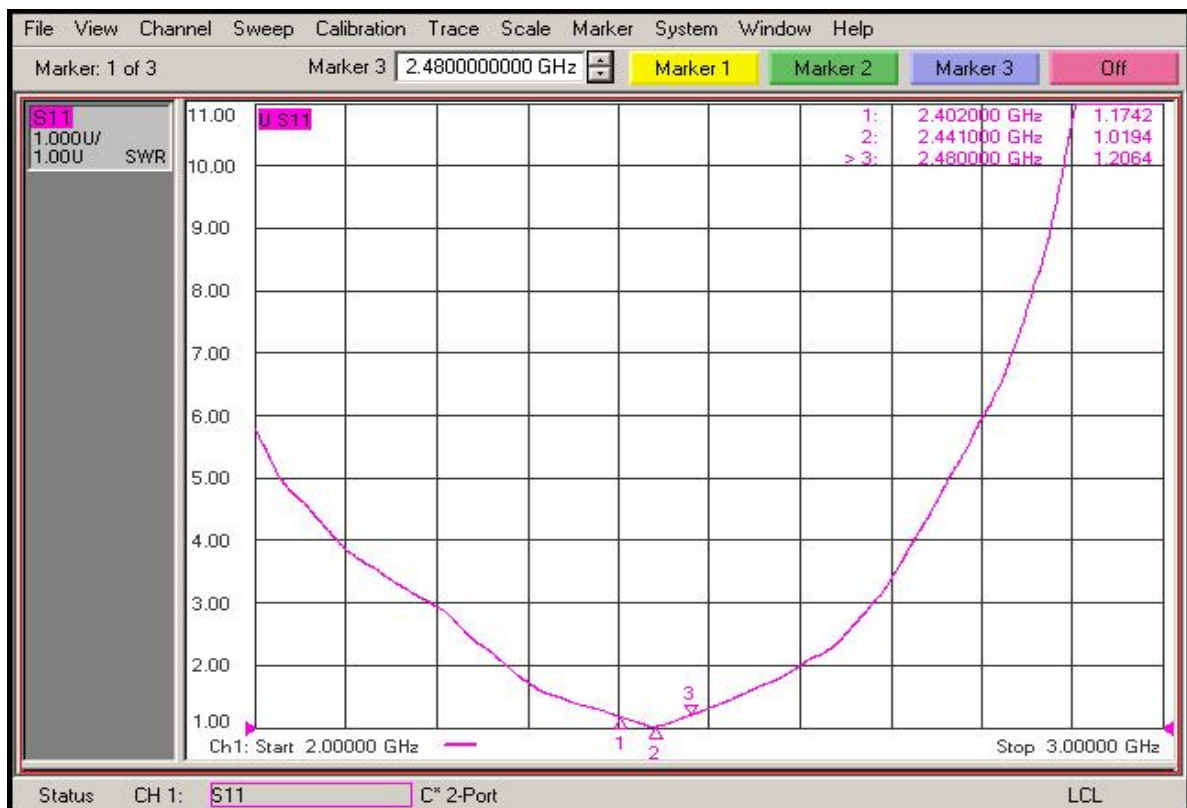
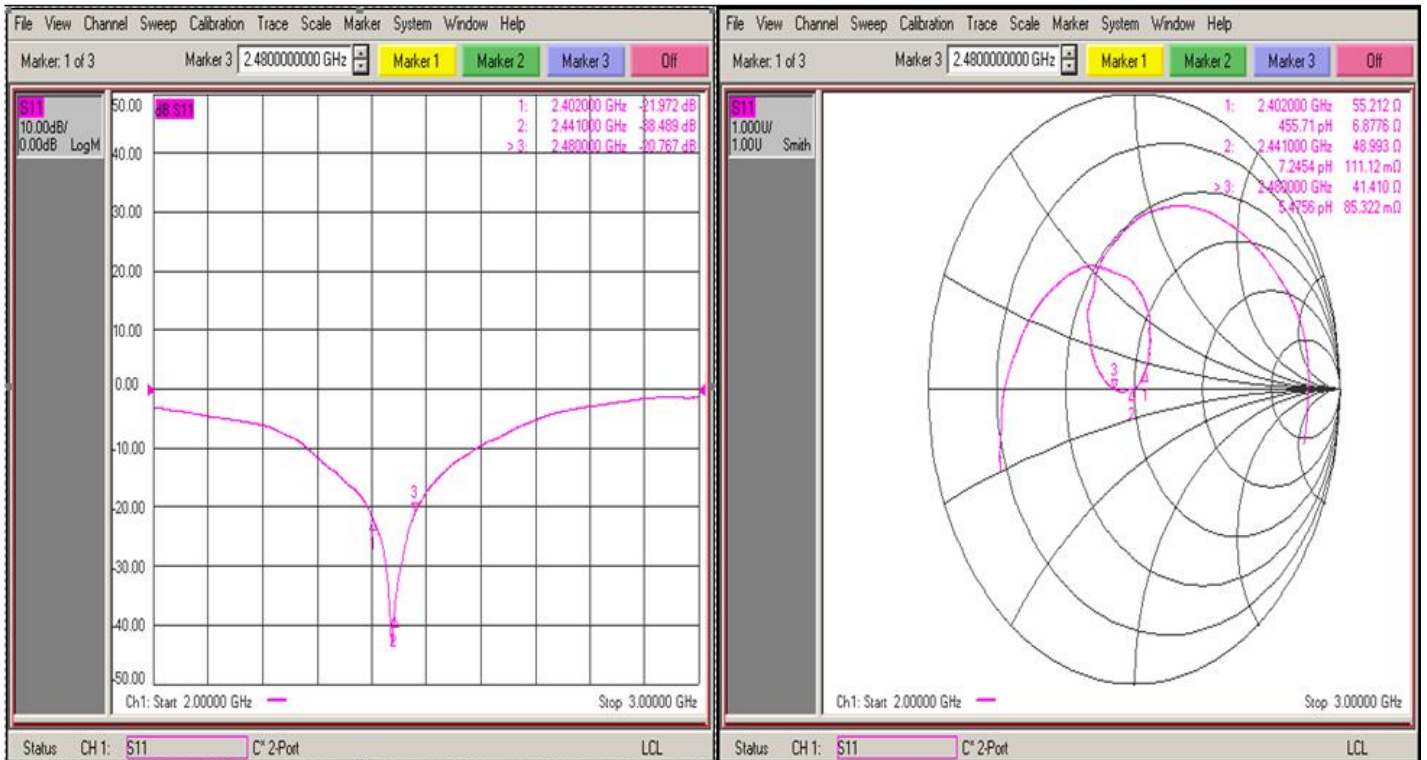
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Product diagram



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## S Parameter test results



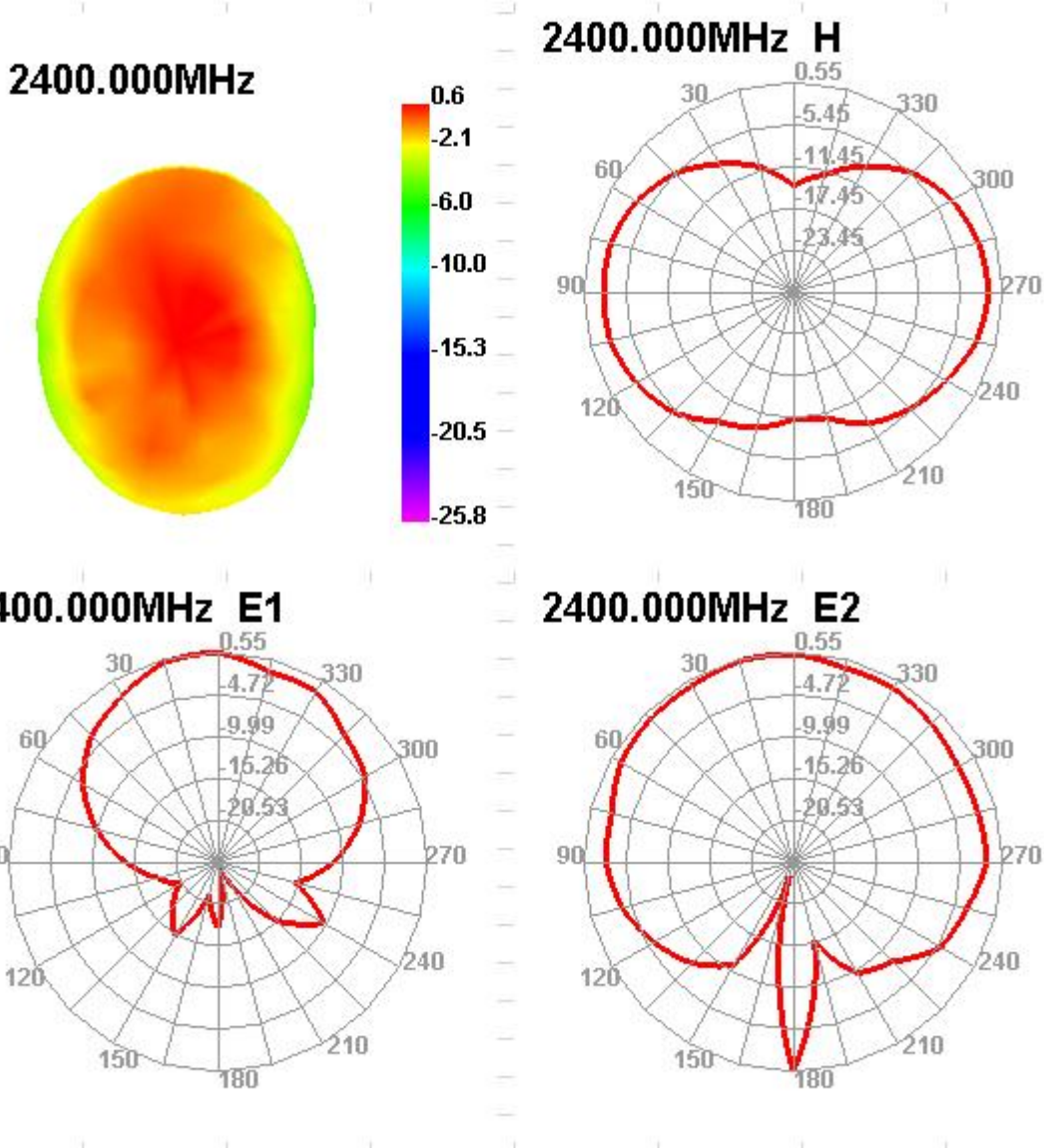
## Efficiency and Gain Test Results

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Passive Test For 2.4G								
Freq (MHz)	Effi (%)	Effi (dB)	Gain (dBi)	Gain (dBd)	Max (dB)	Min (dB)	Attenut Hor	Attenut Ver
2400	35.44	-5.5	-1.55	-2.6	-1.55	-25.8	39.5	39.72
2410	38.27	-5.17	-1.96	-1.19	-1.96	-26.43	39.85	40.19
2420	40.5	-4.93	-1	-2	-1.15	-33.75	40.03	40.29
2430	39.07	-5.08	-0.99	-2.16	-0.99	-26.96	39.9	40.15
2440	38.18	-5.18	-0.91	-2.14	-0.91	-32.36	39.76	40.1
2450	39.2	-5.07	-1.08	-2.07	-1.08	-25.79	39.86	40.05
2460	39.36	-5.05	-1.08	-2.09	-1.08	-24.53	39.73	39.92
2470	39.22	-5.06	-1.18	-2.99	-1.18	-26.63	39.6	39.81
2480	39.7	-5.01	-1.06	-1.88	-1.06	-27.23	39.69	39.89
2490	41.15	-4.86	1	-1.52	1	-28.15	39.94	40.1
2500	40.34	-4.94	-0.95	-1.65	-0.95	-29.5	40.15	40.22

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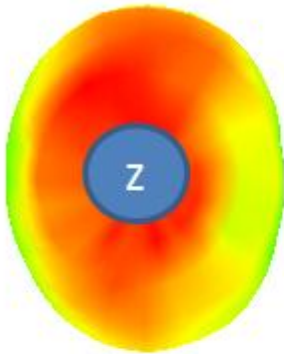
## Field chart test result



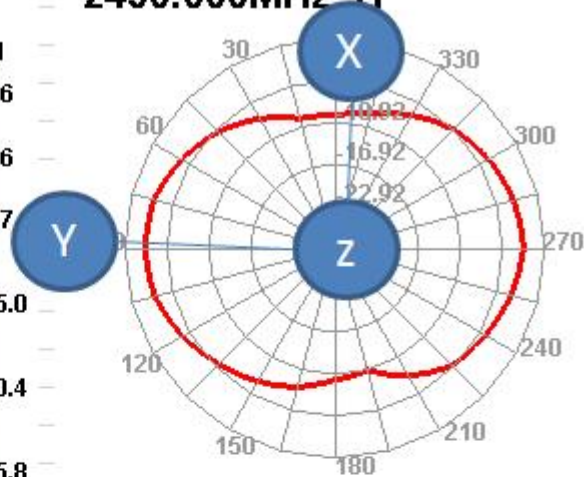
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## Field chart test result

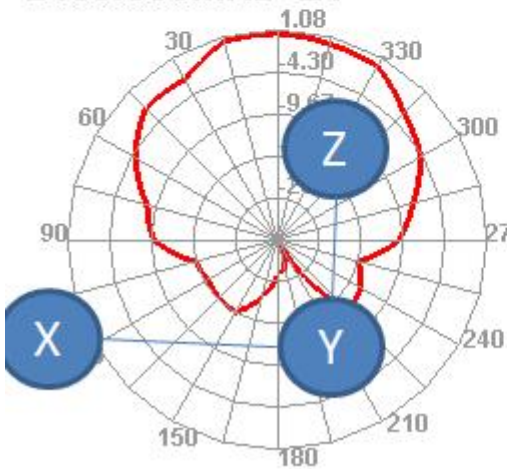
2450.000MHz



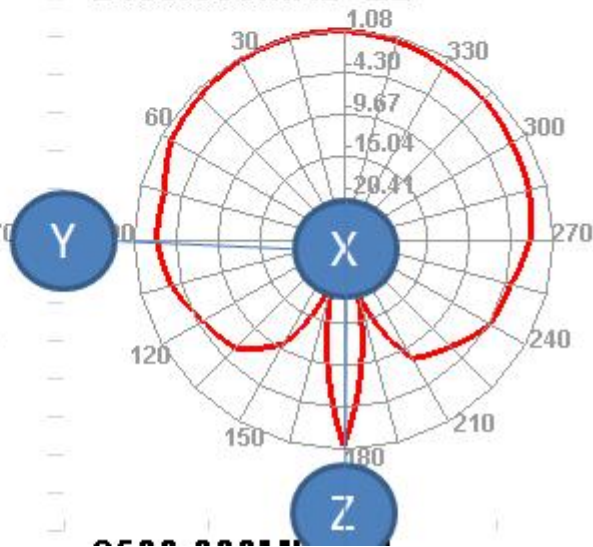
2450.000MHz H



2450.000MHz E1

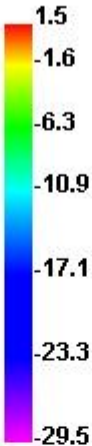
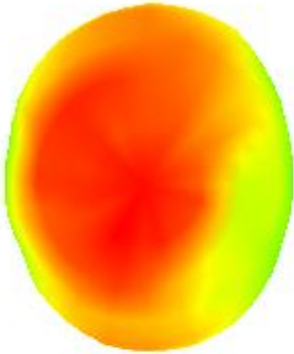


2450.000MHz E2

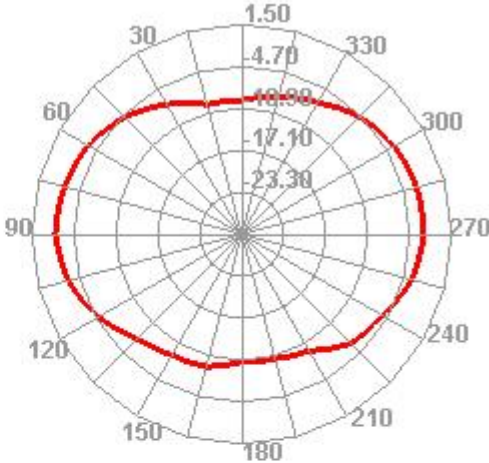


Field chart test result

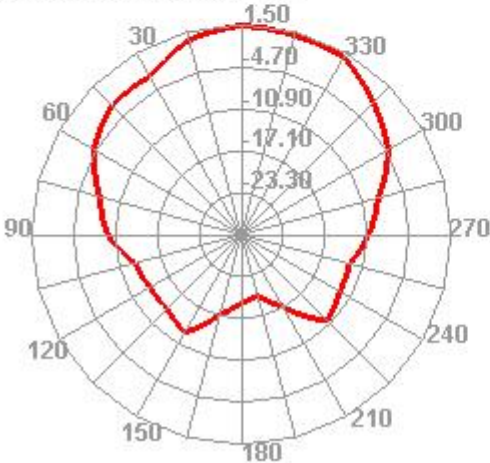
2500.000MHz



2500.000MHz H



2500.000MHz E1



2500.000MHz E2

