

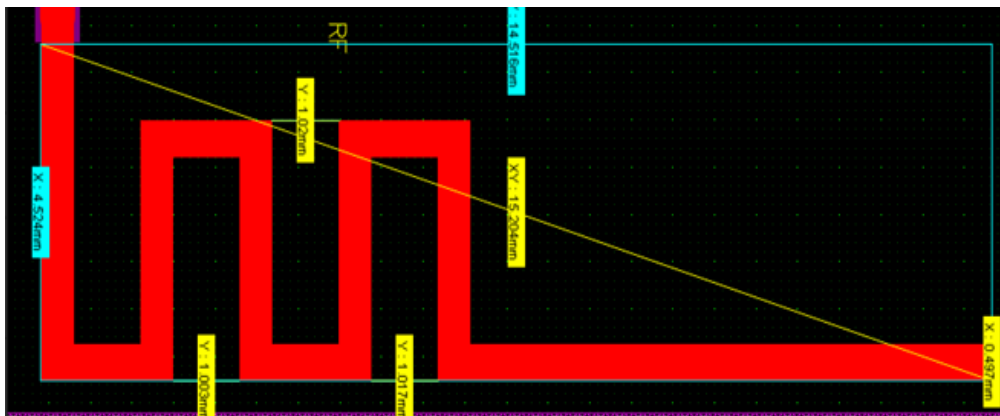
4156-A

Antenna Specification Document

1. Antenna Type: PCB Antenna

Antenna Manufacturer: Shenzhen Sanqiangxing Technology Co., Ltd

2. Physical photos, drawings:

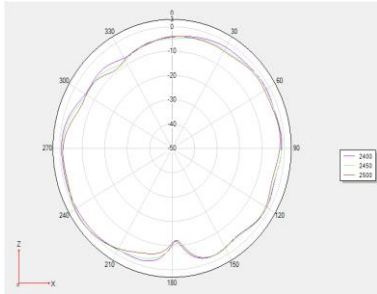


3. Antenna efficiency, frequency, gain

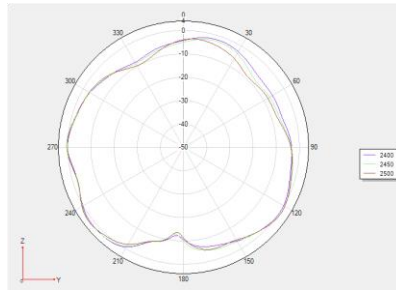
Frequency	Efficiency / %	Gain/ dBi
2400MHz	43.45	0.31
2410MHz	48.98	1.06
2420MHz	42.66	0.65
2430MHz	46.13	0.74
2440MHz	39.45	0.16
2450MHz	49.09	1.24
2460MHz	43.75	0.99
2470MHz	45.71	1.28
2480MHz	41.98	1.5
2490MHz	45.81	2.08
2500MHz	44.67	1.99

4. 2D3D

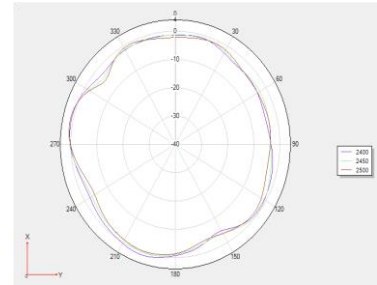
Phi 0 2D



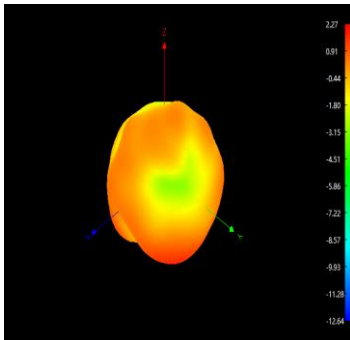
Phi 90 2D



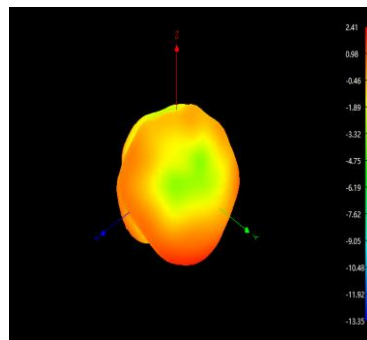
Theta 90 2D



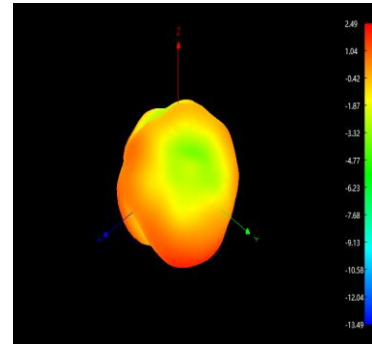
2400



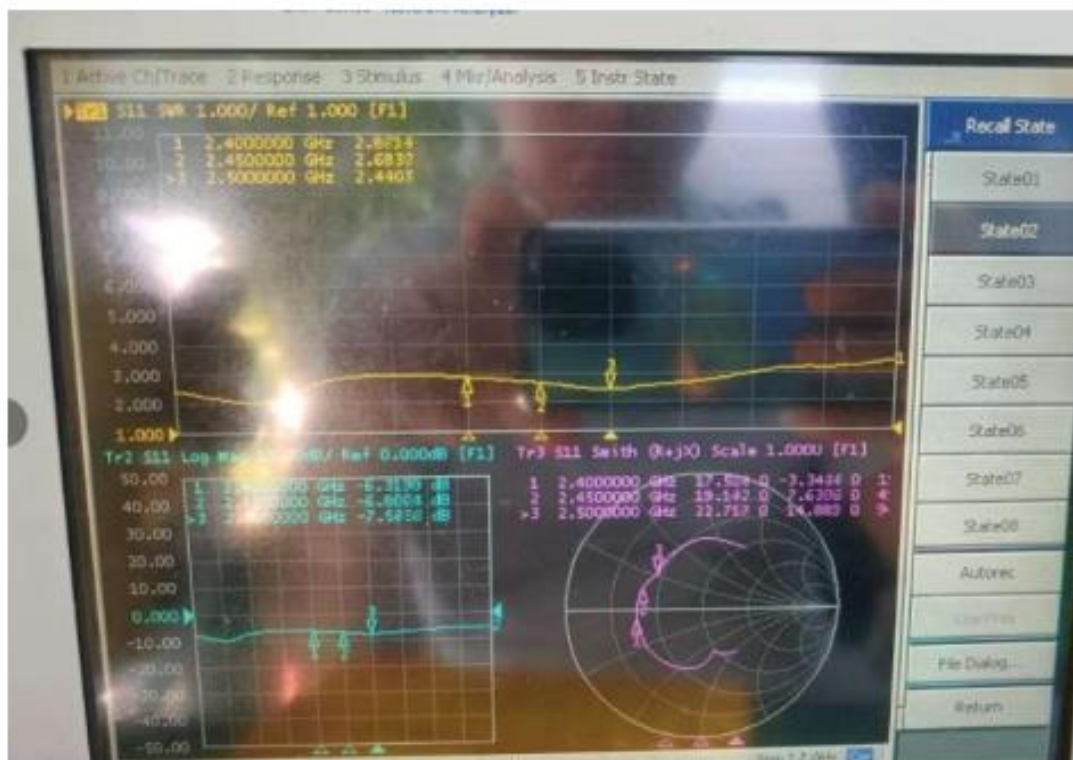
2450



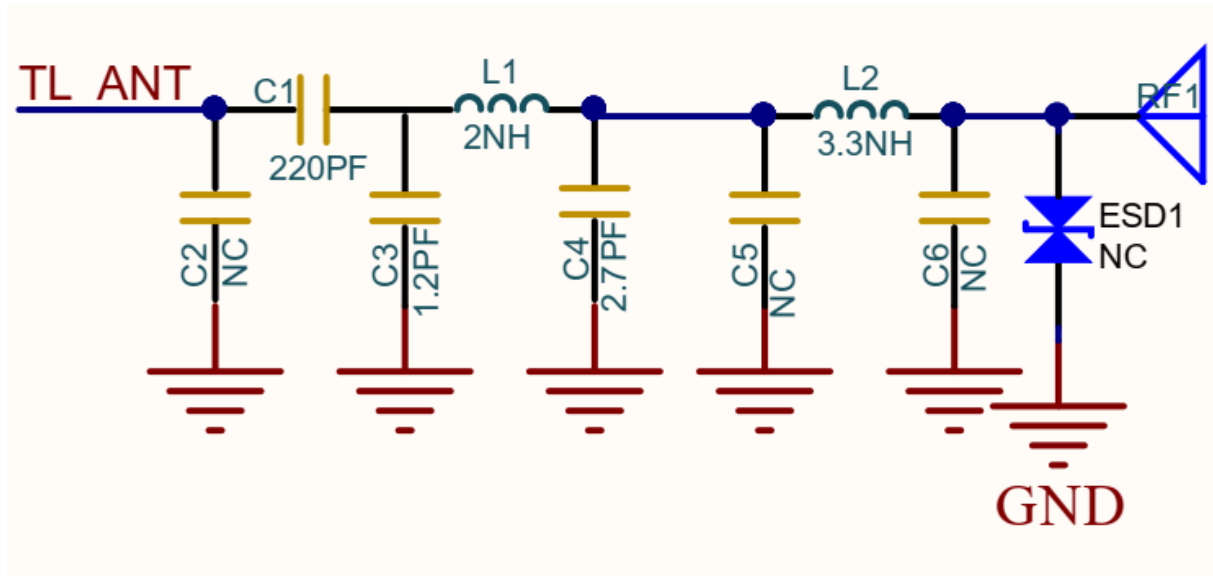
2500



5. Antenna standing wave ratio



6. matching circuit



7.test environment

