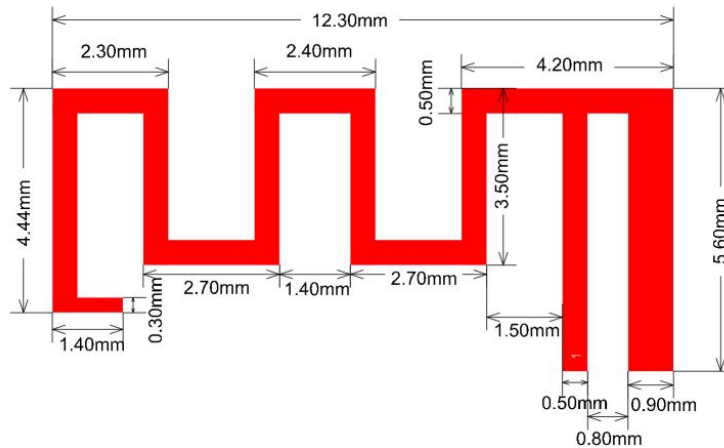


Keyboard Antenna Specification

1. Antenna type: PCB antenna

Antenna manufacturer: Nanjing Qinheng Microelectronics Co., Ltd.

2. Antenna drawing



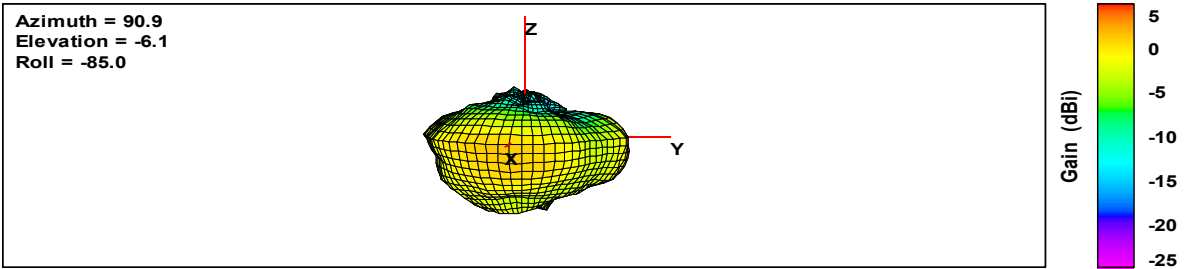
3. Antenna efficiency, frequency, gain

Frequency(MHz)	Efficiency(%)	Gain(dBi)
2400	31.15	0.89
2410	34.32	1.55
2420	41.71	2.40
2430	47.26	2.83
2440	51.53	3.16
2450	51.55	3.37
2460	54.06	3.45
2470	55.34	3.69
2480	59.07	3.81
2490	58.64	3.67
2500	61.01	3.51

4. Antenna 3D diagram

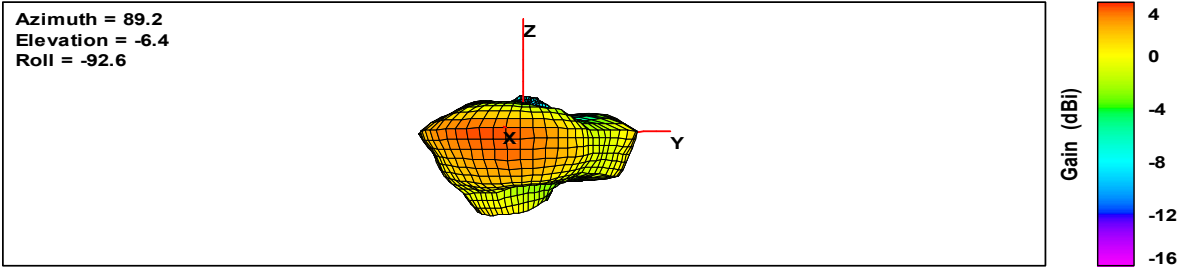
2400

Total



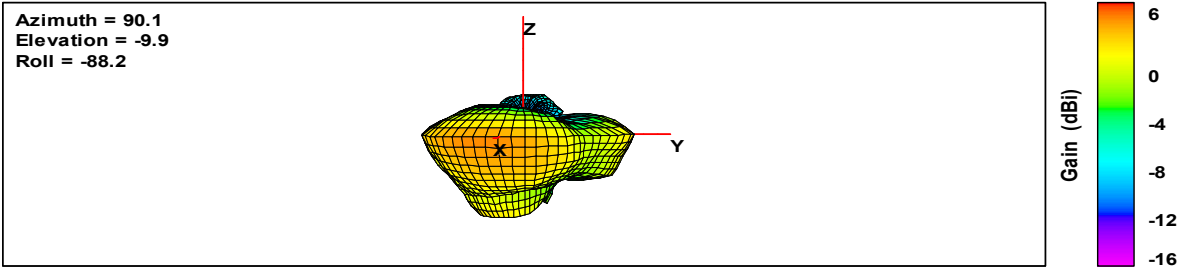
2450

Total

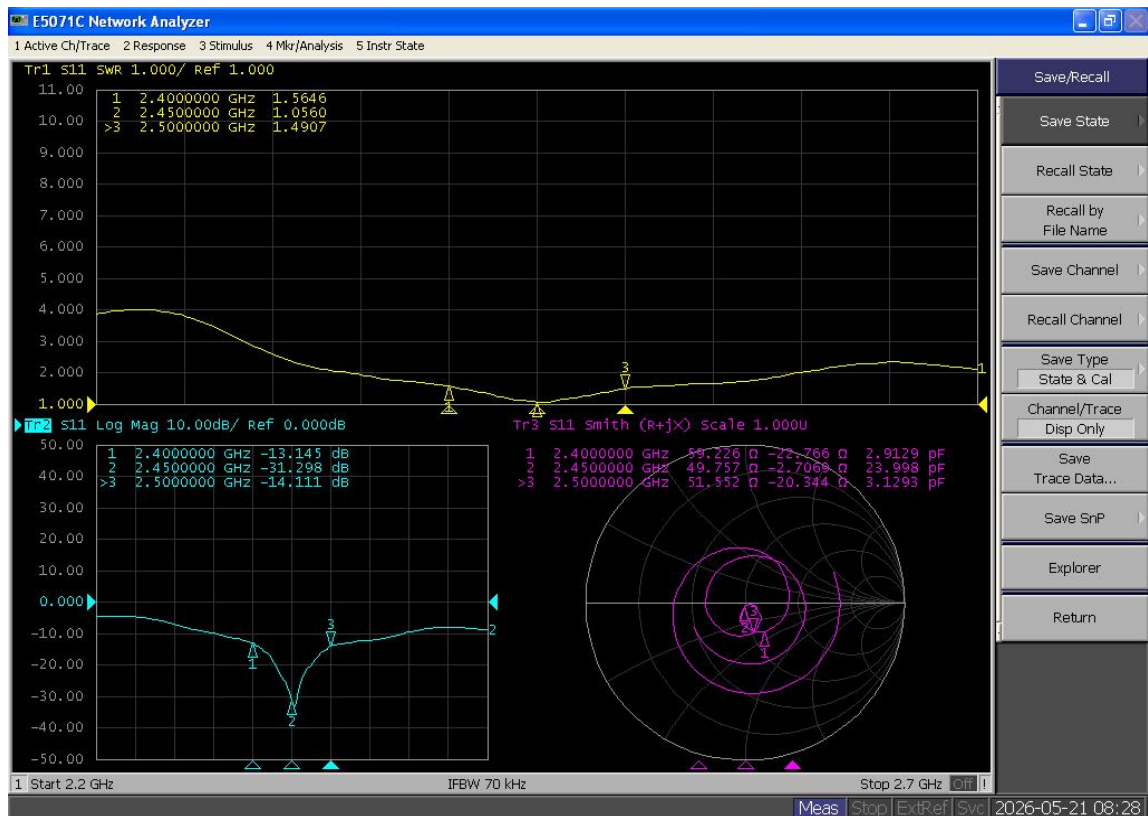


2500

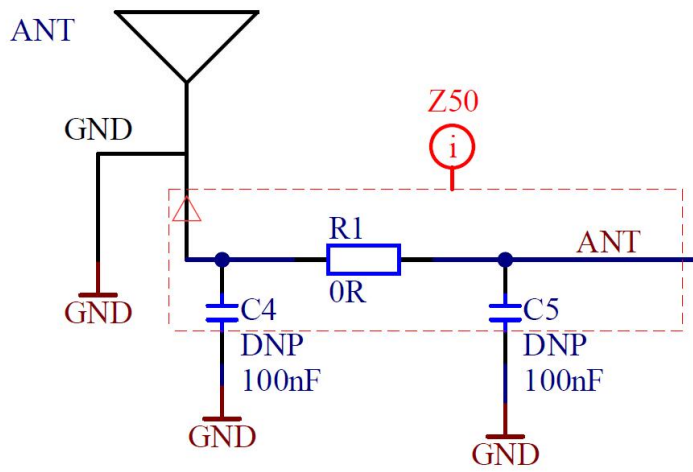
Total



5. Antenna standing wave ratio



6. Antenna matching circuit



7. Testing environment

