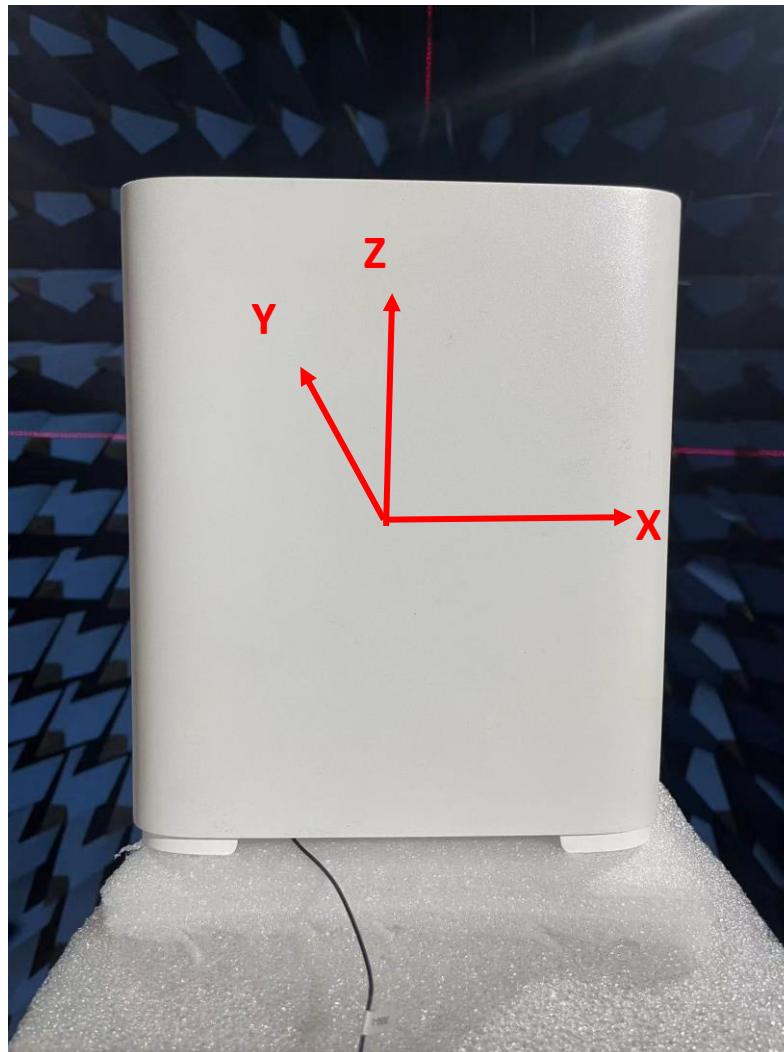


Outline

1. Benchmark
2. Antenna Solution Detail
3. S-Parameters (**VSWR**)
4. Antenna Efficiency
5. Antenna peak Gain
6. Radiation patterns
7. Summary

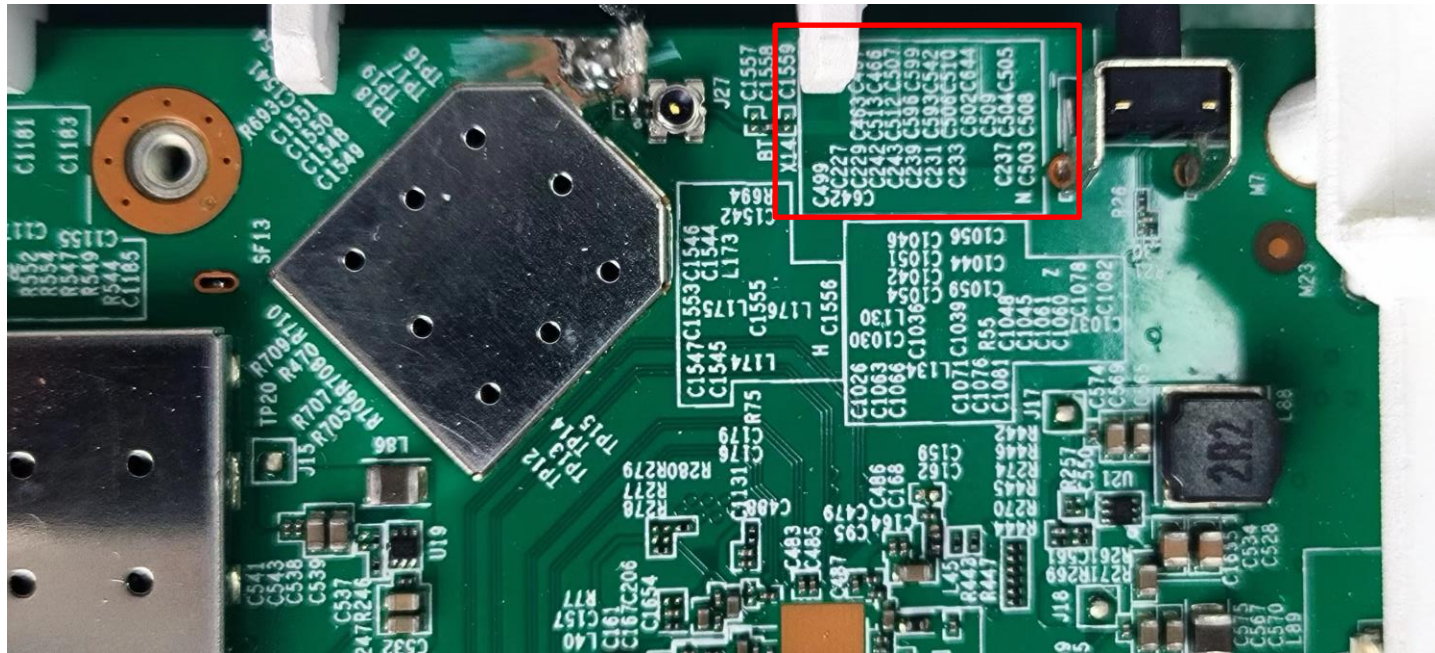
Customer: 剑桥
Project Name: 815BT
Designer: zhangwei
Date: 2023/02/17

1. Benchmark

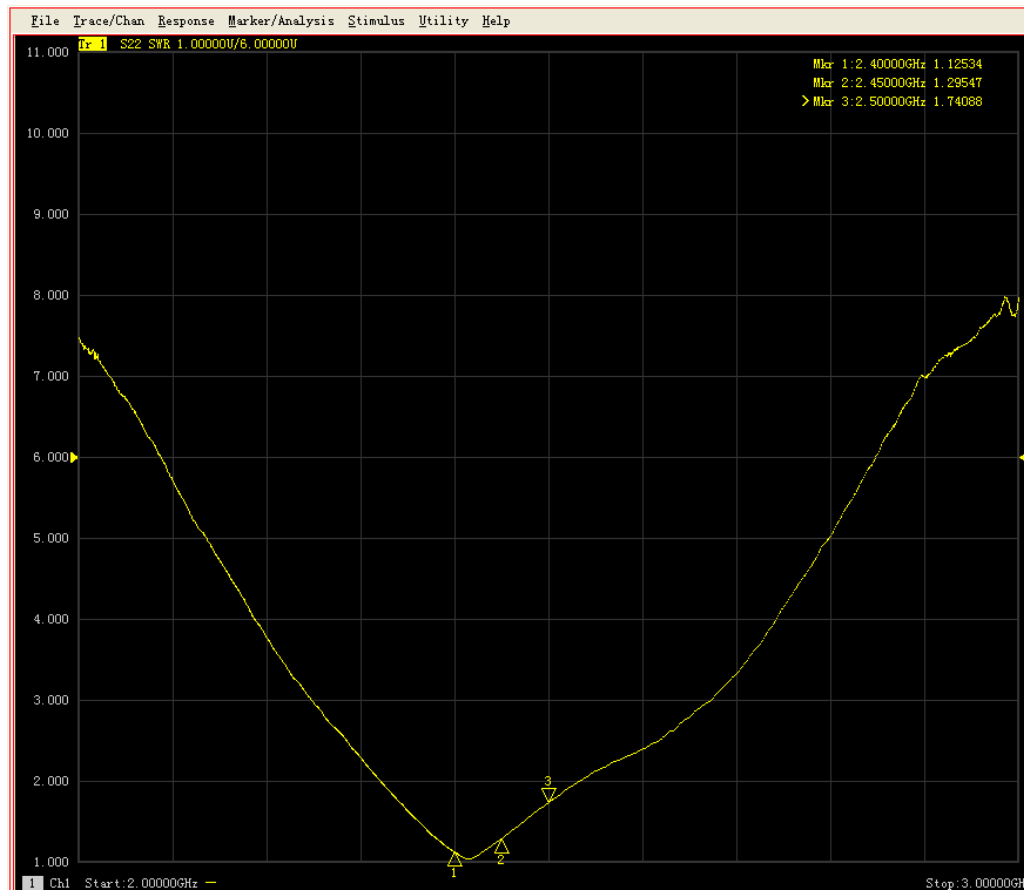


2. Antenna Solution Detail

BT

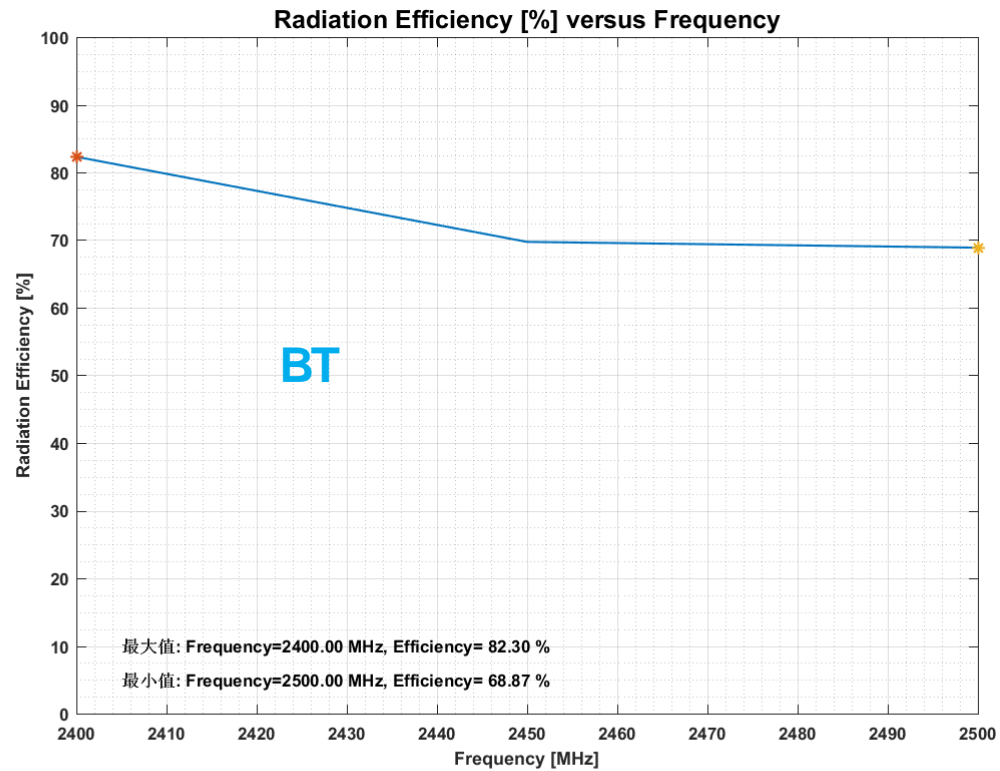


3.S-Parameters(VSWR)



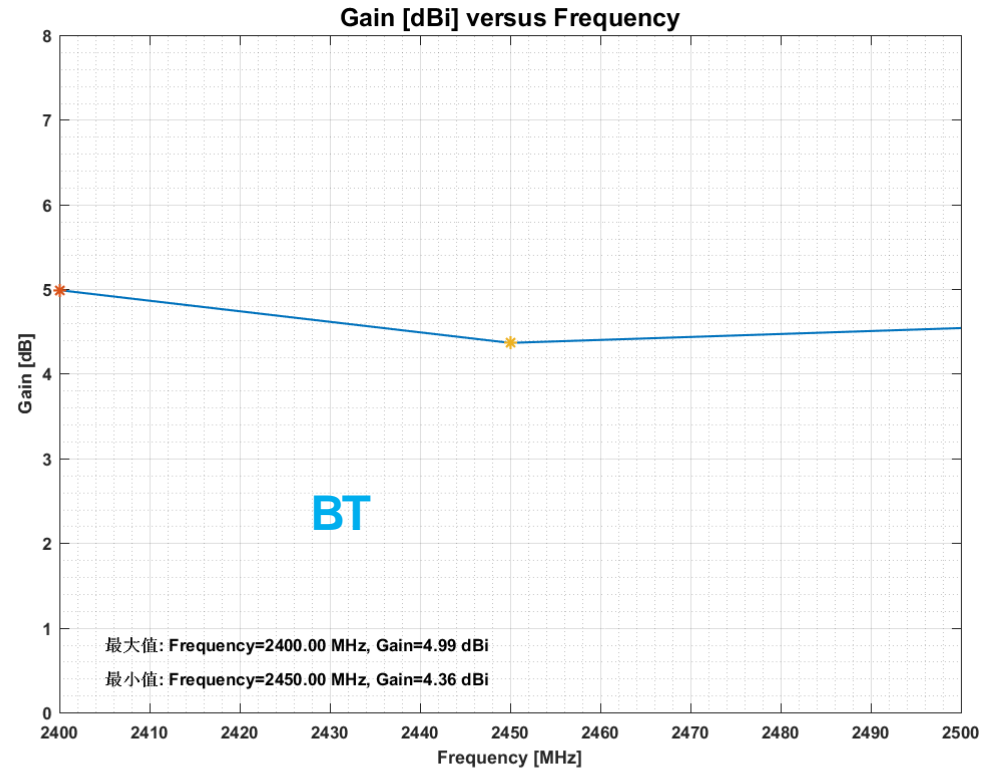
Frequency(MHz)	BT
	VSWR
2400	1.25
2450	1.30
2500	1.74

4. Antenna efficiency



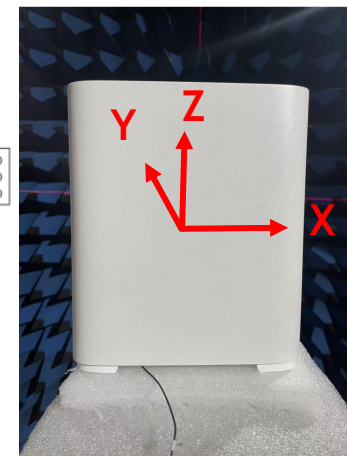
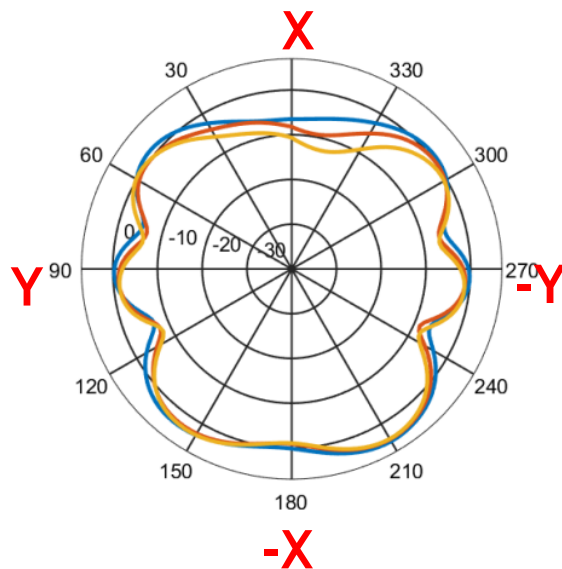
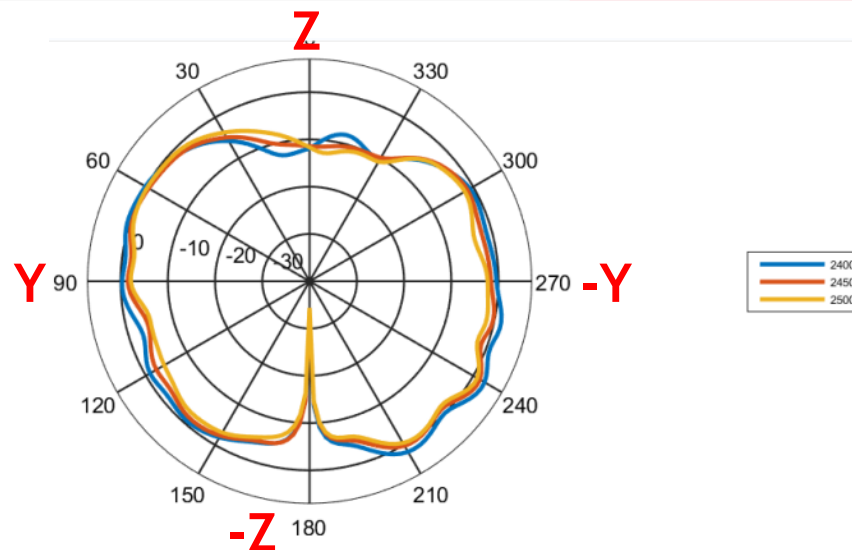
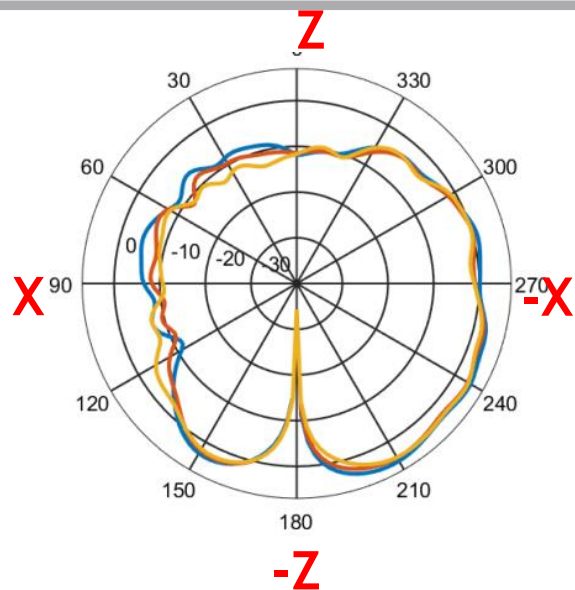
Item	Frequency(MHz)	2400	2450	2500
ant1	Efficiency	82.30	69.73	68.87

5. Antenna peakgain



Item	Frequency(MHz)	2400	2450	2500
BT	peakgain	4.99	4.36	4.54

6. Radiation patterns(1- 2.4G)



7. Summary

1. The measurements are as follows:

Frequency (MHz)	Gain (dBi)	Efficiency (%)
	BT	BT
2400	4.99	82.3
2450	4.36	69.73
2500	4.54	68.87