

BT Antenna Test Report

Customer	Kingsheng
Project	
Product Description	Chip 3216

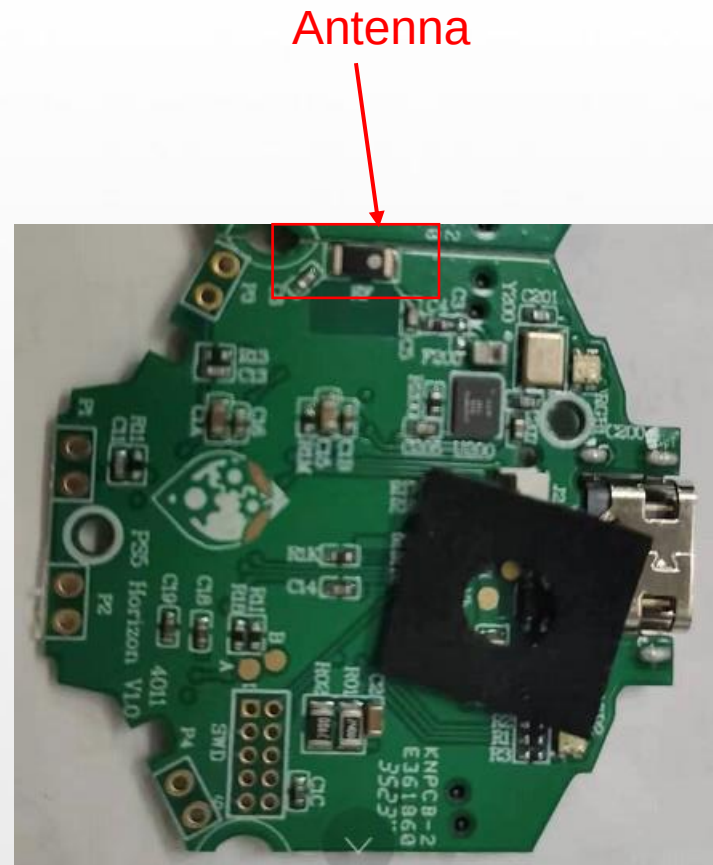
Report Date	2023.9.14	Prepared by	Hao_li
Report Version	V0	Checked by	

Introduction

I. Test Condition

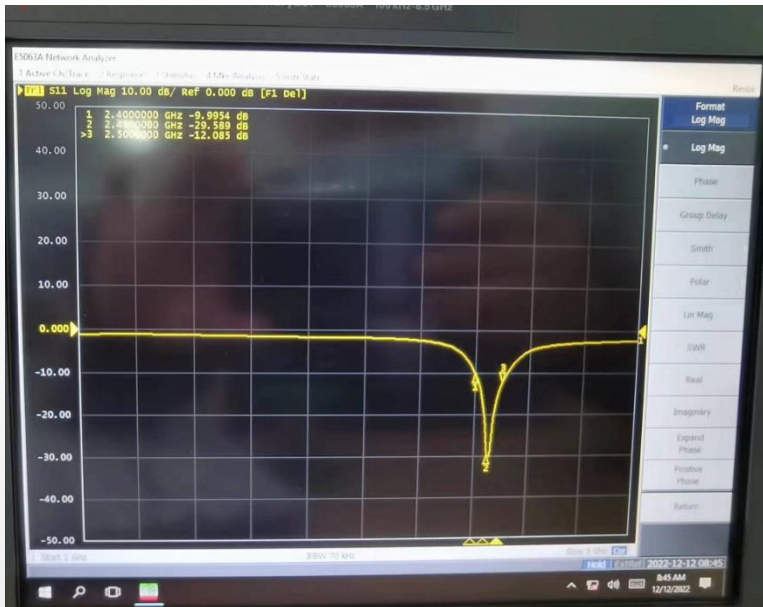
II. Test Result

I. Test Condition

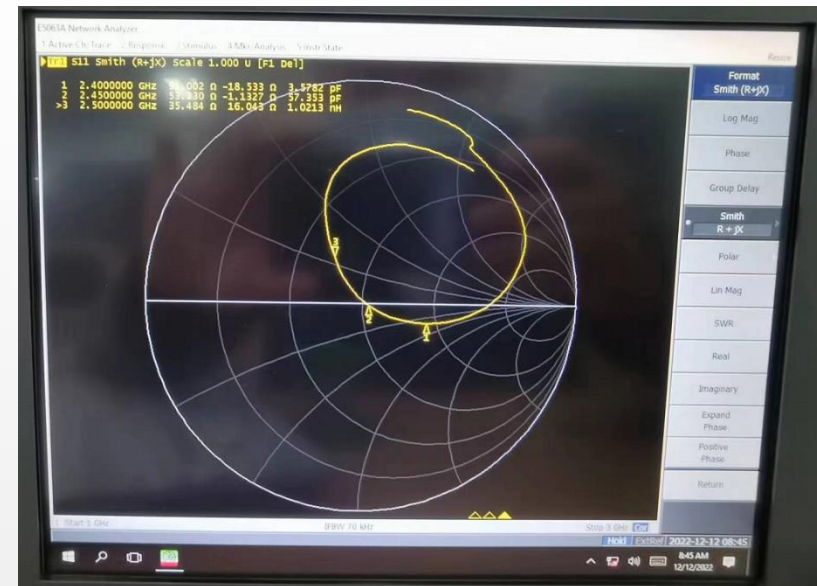


II. Test Result

2.2. Patch Antenna S-Parameter



Return loss

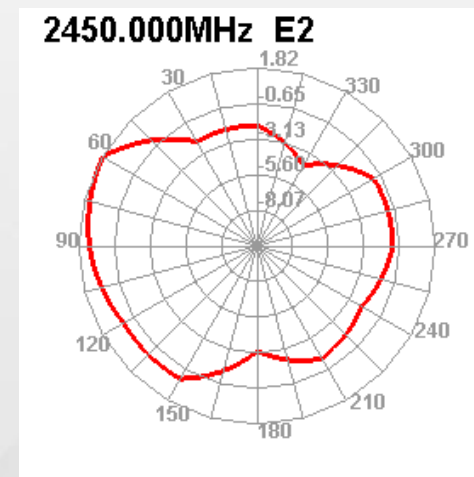
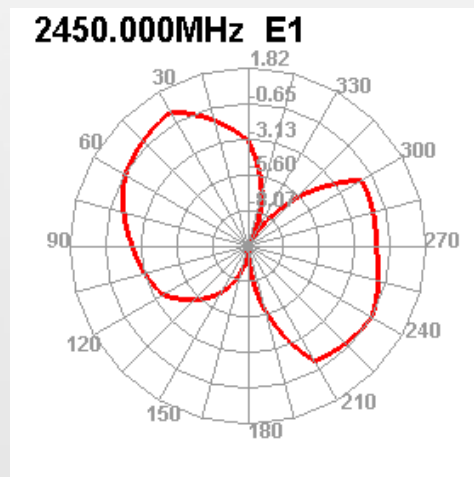
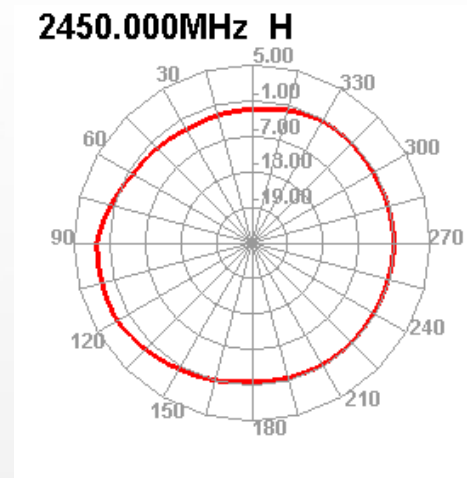
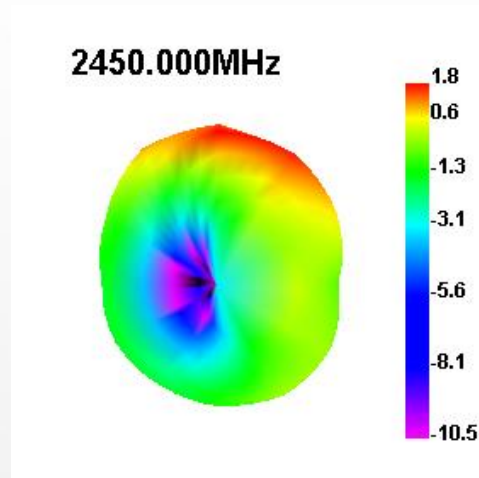


Smith-Chart

Frequency(MHz)	Return loss (dB)	Impedance (Ω)
2400	-9.9	91.0
2450	-29.5	52.3
2500	-12.08	35.4

II. Test Result

2.3. Patch Antenna S-Parameter



II. Test Result

2.4 Efficiency And Peak Gain

Frequency (MHz)	Efficiency (%)	Peak Gain (dBi)
2400	49.13	1.32
2420	50.21	1.54
2440	51.07	1.72
2450	52.36	1.81
2460	51.06	1.77
2480	50.95	1.53
2500	48.24	1.32



The End