

BT Antenna Test Report



Customer	TPV
Project	TS292B (S1209)
Product Description	

Report Date	2024.5.9	Prepared by	Hao_li
Report Version	V5	Checked by	

Introduction

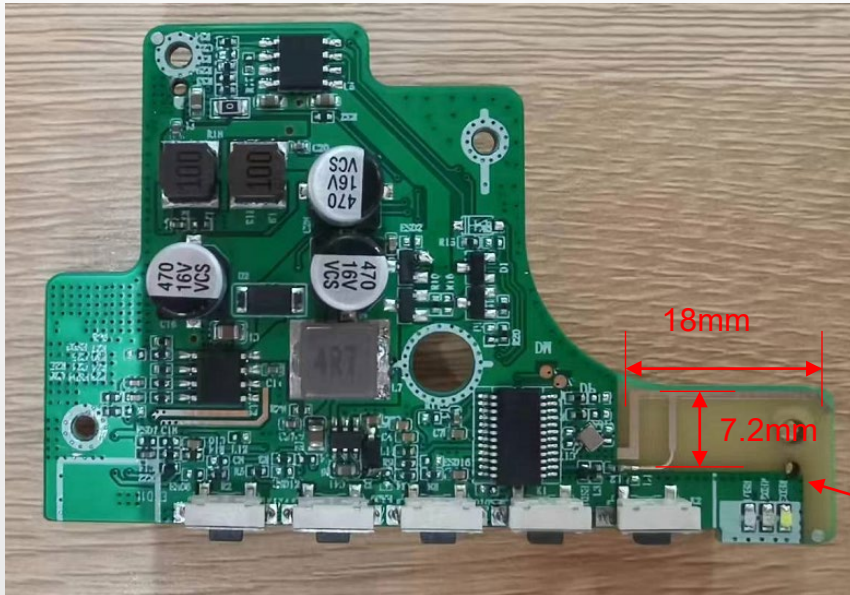
I. Test Condition

II. Test Result

III. Conclusion



I. Test Condition



Antenna size :18mm*7.2mm

Antenna supplier: Shenzhen Swetz Sound Technology Co.,Limited

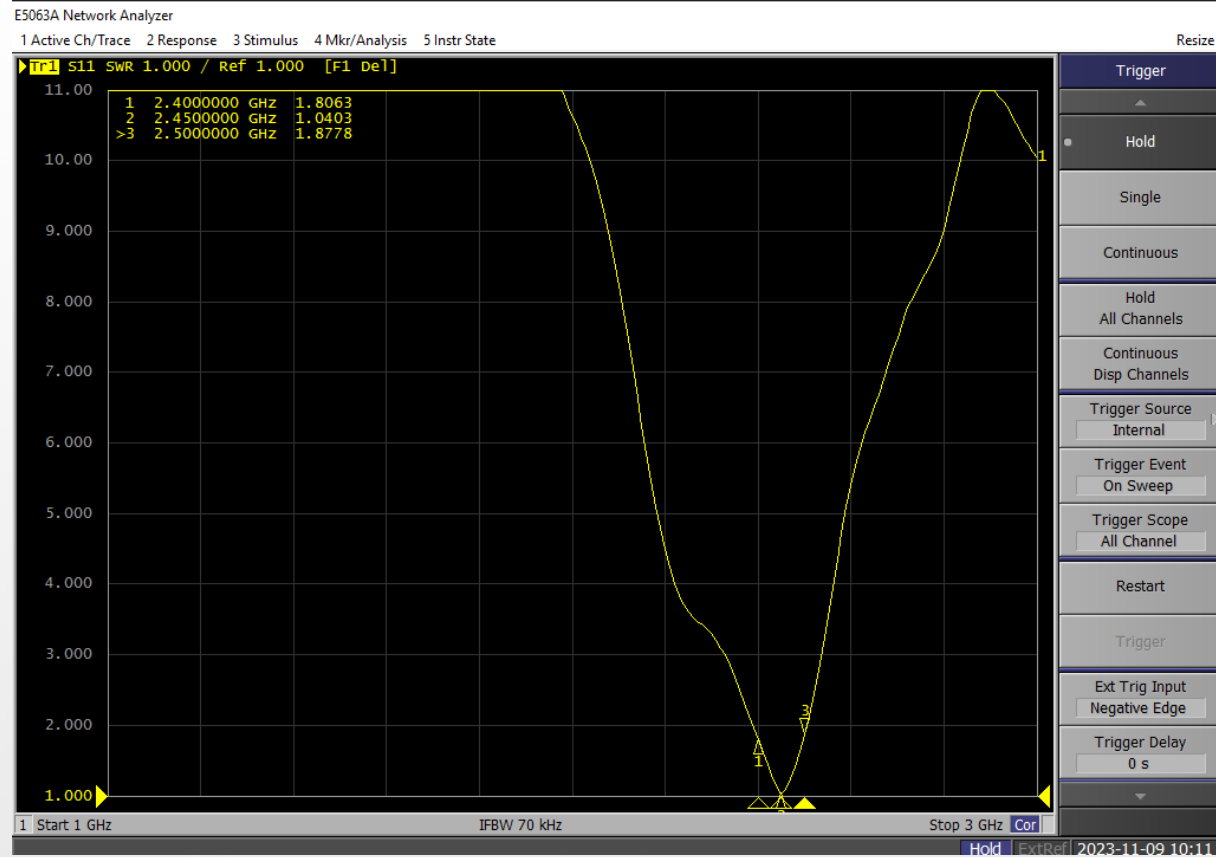
Company address: No.19, Jianlong Street, Baoan Community, Yuanshan, Longgang District, Shenzhen, Guangdong, China

antenna

II. Test Result

2.1 Antenna VSWR

TS292B板载天线样机

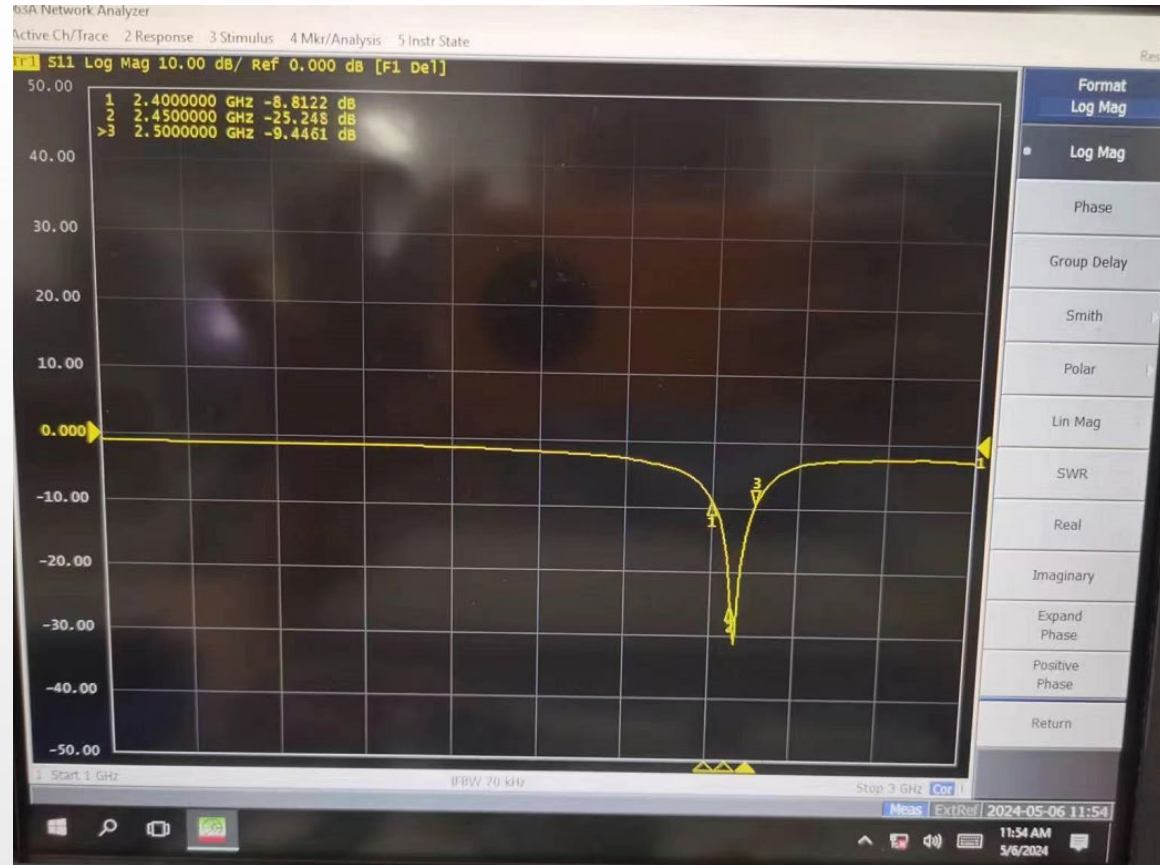


Frequency (MHz)	2400	2450	2500
VSWR	1.80	1.04	1.87

II. Test Result

2.1 Antenna VSWR

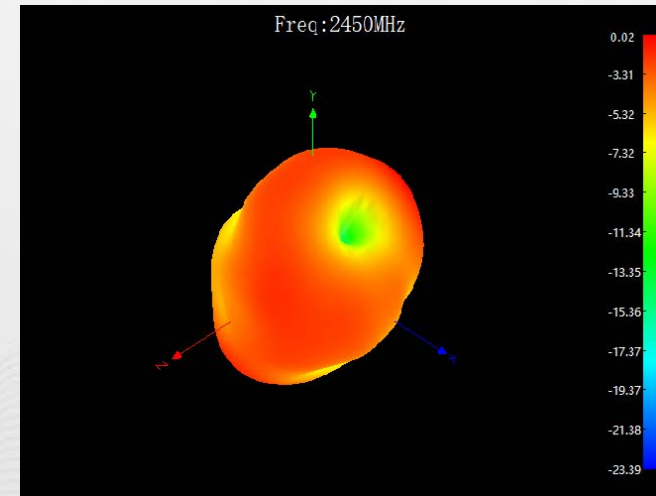
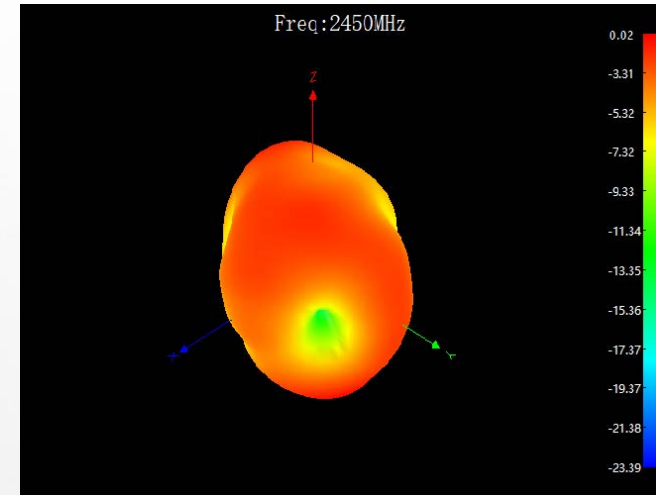
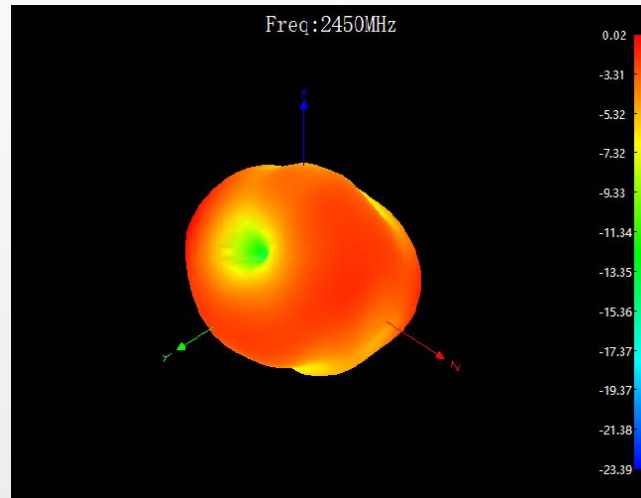
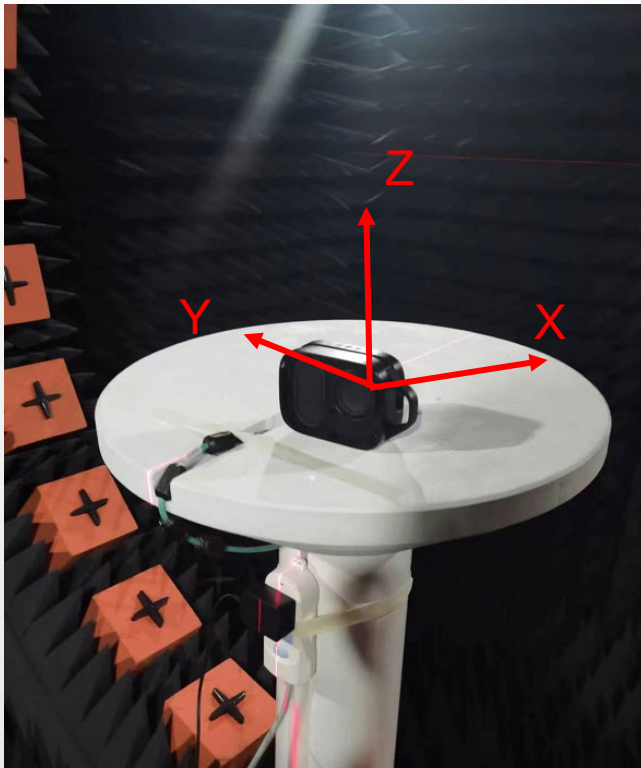
TS292B板载天线样机



Frequency (MHz)	2400	2450	2500
Return loss	-8.81	-25.24	-9.44

2.2 3D Gain Pattern

TS292B板载天线样机



2.3 Efficiency And Peak Gain TS292B板载天线样机

Frequency (MHz)	Efficiency (%)	Peak Gain (dBi)
2400	30.13	-0.38
2420	32.22	-0.24
2440	33.32	-0.13
2450	34.44	0.02
2460	33.33	-0.23
2480	32.23	-0.32
2500	31.08	-0.42



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The End