

BT Antenna Test Report



Customer	Noise
Project	TS223N
Product Description	

Report Date	2024.7.22	Prepared by	Hao_li
Report Version	V2	Checked by	

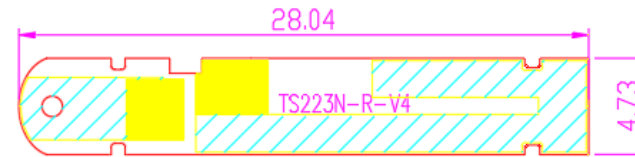
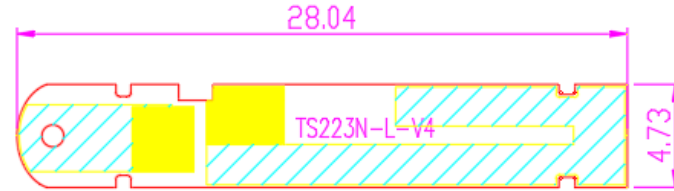
I. Test Condition

II. Test Result

III. Conclusion



I. Test Condition



Antenna size :28.04mm*4.73mm

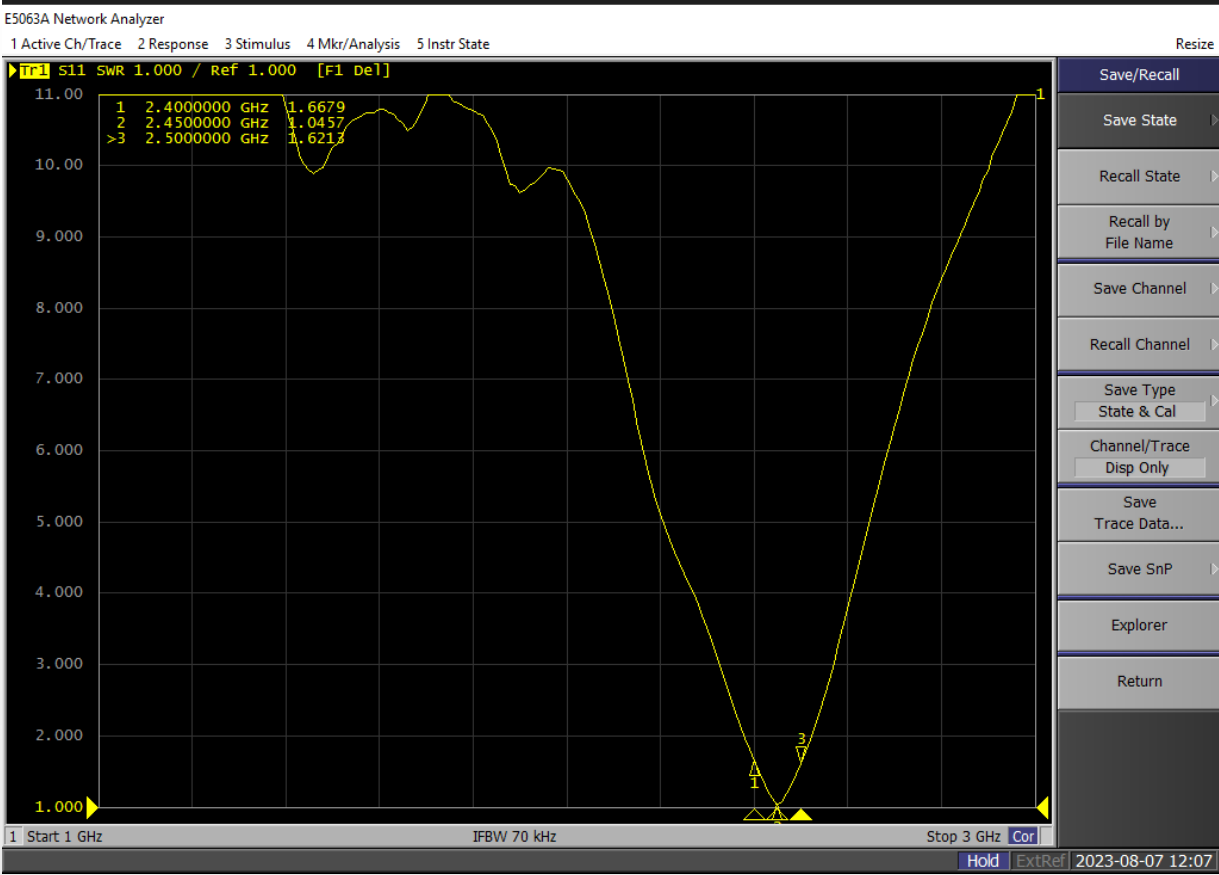
Antenna supplier:Shenzhen Hengli Yongtong Electronics Co., LTD

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

II. Test Result

2.1 Antenna VSWR

TS223N样机

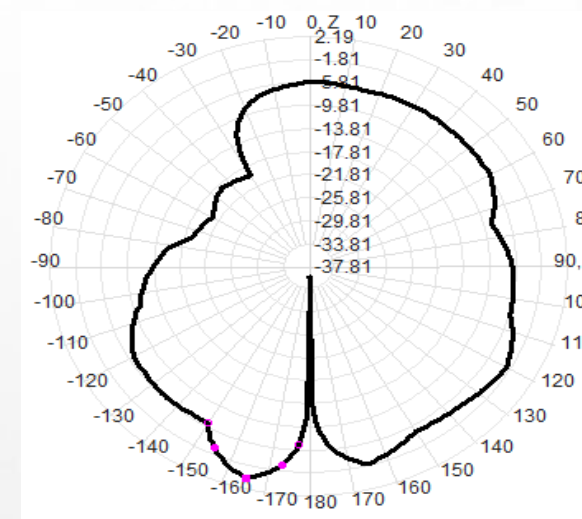


Frequency (MHz)	2400	2450	2500
VSWR	1.66	1.04	1.62

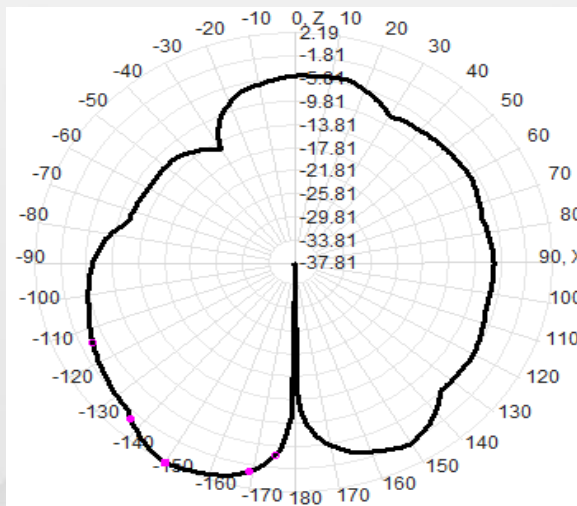
II. Test Result

2.2 2D Gain Pattern

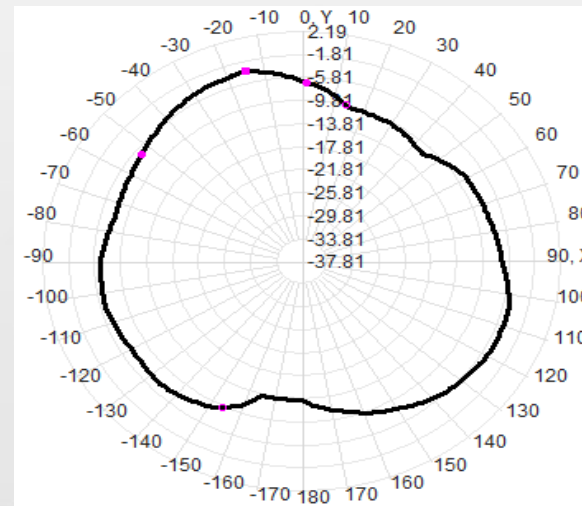
2400MHz



2450MHz



2500MHz



2.3 Efficiency And Peak Gain

Frequency (MHz)	Efficiency (%)	Peak Gain (dBi)
2400	25.80	2.02
2420	26.29	2.41
2440	27.28	2.19
2450	27.94	2.18
2460	27.65	2.08
2480	27.31	1.91
2500	26.70	1.73



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