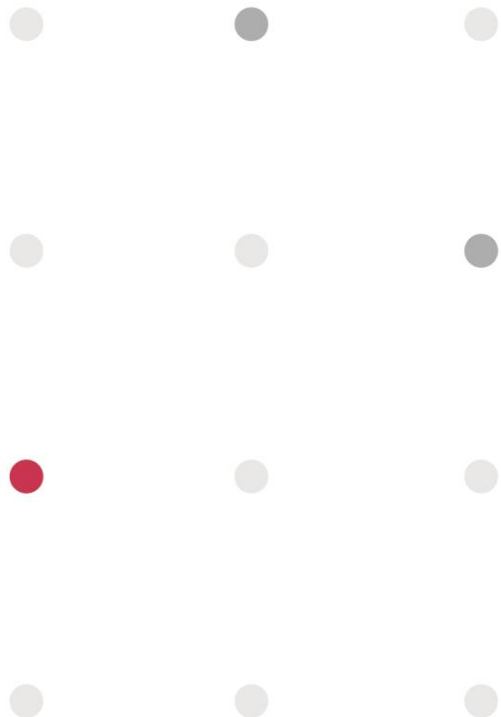


PSA

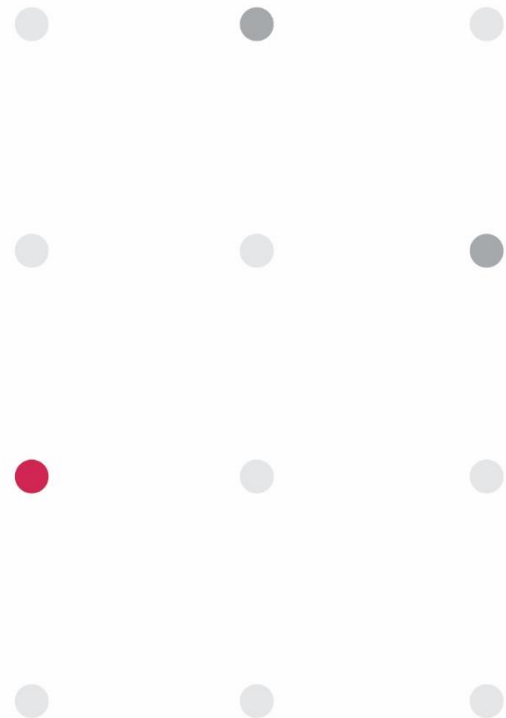
# 佳邦科技股份有限公司

INPAQ TECHNOLOGY CO., LTD.



PSA

PASSIVE SYSTEM ALLIANCE  
INPAQ TECHNOLOGY CO., LTD.



# 移为 GV500CNA BLE Antenna Test Report

Presented by Zhuang.lu , R&D

Checked by Huzq\_Hu , R&D

INPAQ Technology Co., Ltd.

# History List

Version	Date	STATUS
A0	2024.03.28	无源调试报告



# Agenda

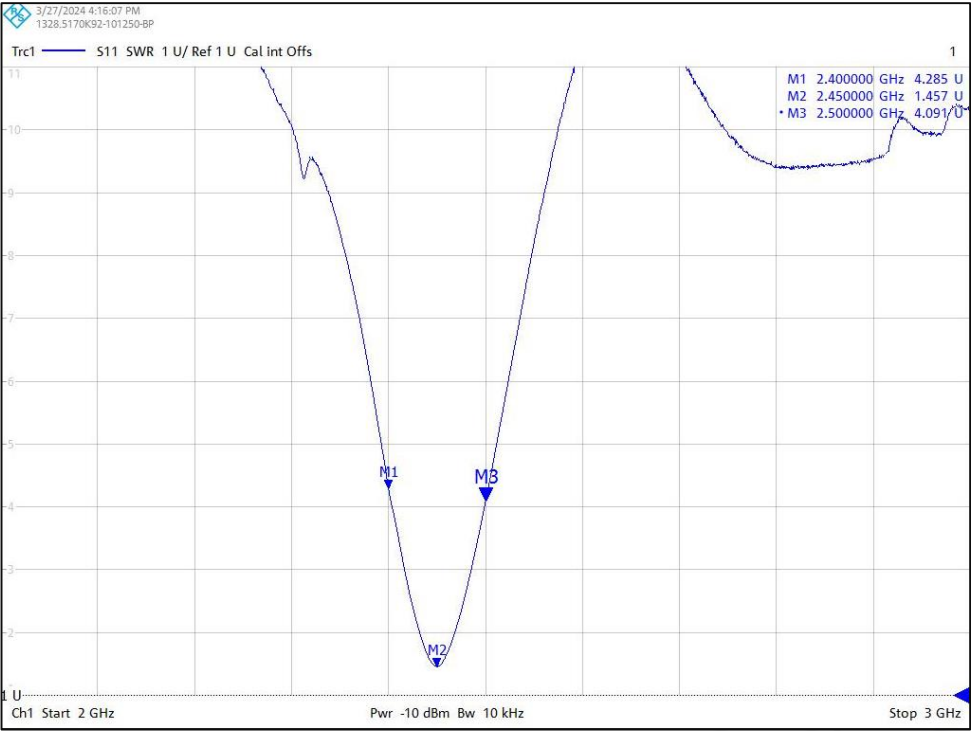
- Product Overview----- page 6
- Antenna Test Results----- page 7~9
  - VSWR -----page 7
  - Efficiency & Gain -----page 8
  - 3D Radiation Pattern -----page 9
- Conclusion-----page 10

机台环境



匹配电路

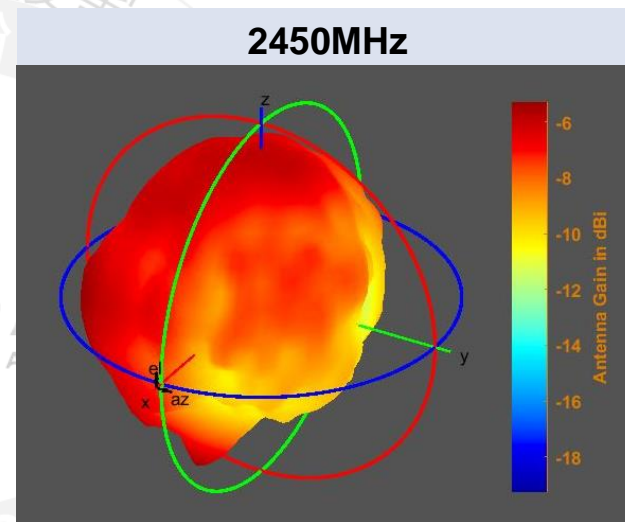
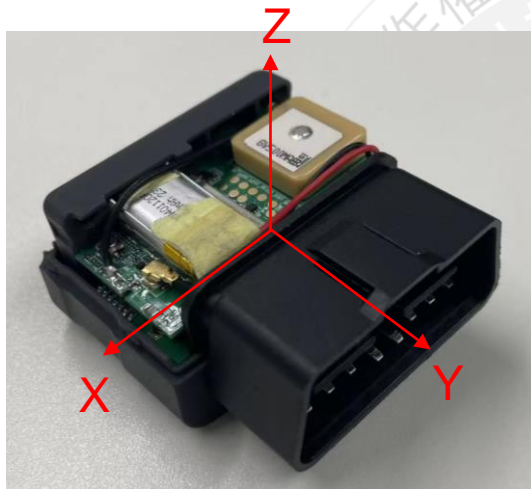




Frequency (MHz)	VSWR
2400	4.3
2450	1.5
2500	4.1

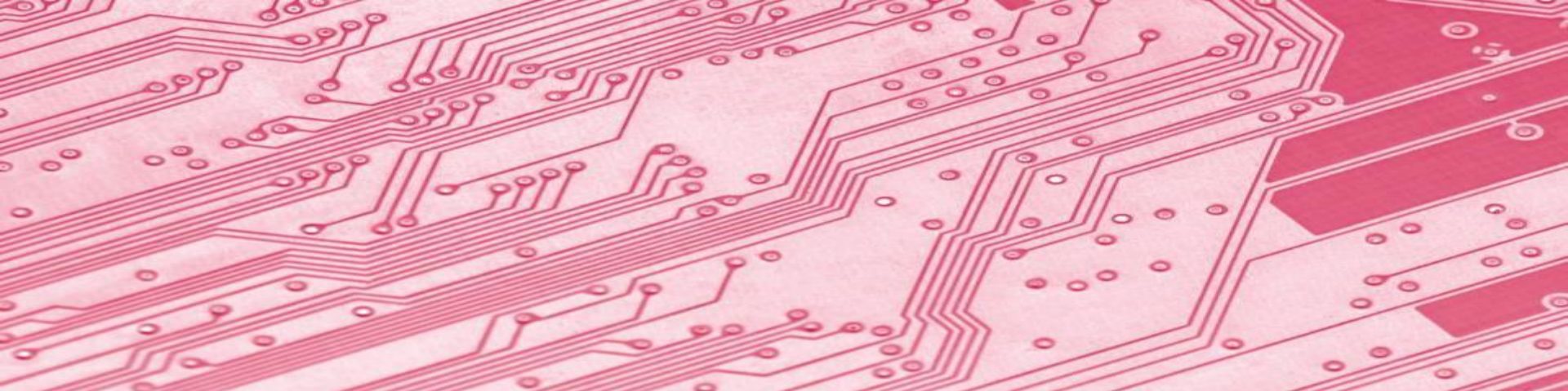
Frequency (MHz)	Peak Gain (dBi)	Average Gain (dBi)	Efficiency (%)
2400	-8.2	-11.1	7.7
2410	-6.9	-11.0	7.9
2420	-7.0	-10.5	9.0
2430	-5.8	-9.2	12.1
2440	-5.3	-8.7	13.4
2450	-5.3	-8.4	14.4
2460	-5.5	-8.7	13.4
2470	-6.0	-9.1	12.4
2480	-6.1	-9.3	11.8
2490	-6.0	-9.5	11.3
2500	-6.6	-10.0	9.9
AVG	-6.3	-9.6	11.2





- 根据提供机台调试，天线效率平均10%左右。





# Thank you

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