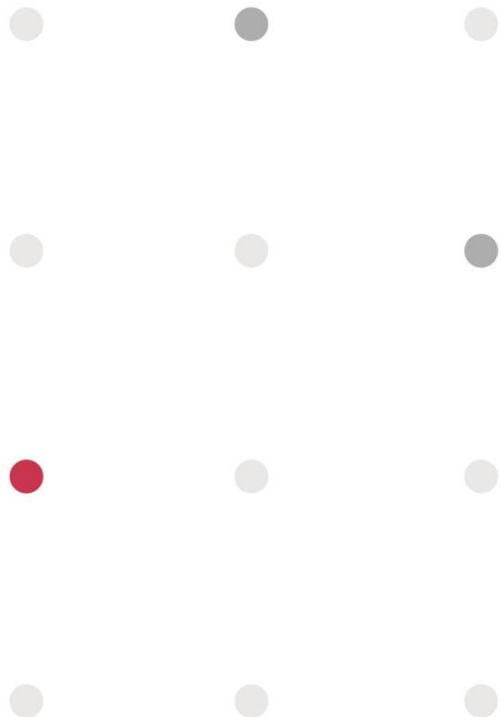


PSA

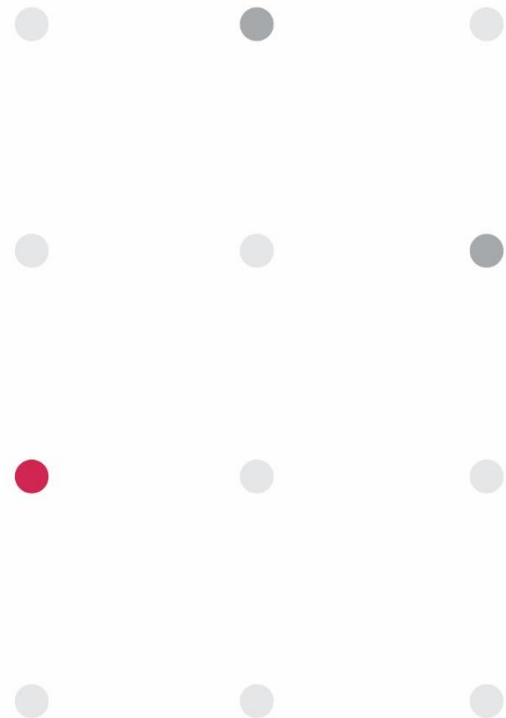
# 佳邦科技股份有限公司

INPAQ TECHNOLOGY CO., LTD.



PSA

PASSIVE SYSTEM ALLIANCE  
INPAQ TECHNOLOGY CO., LTD.



# 移为 GV500CG BT 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      | 2023.09.08 | 无源调试报告 |
| A1      | 2023.12.13 | 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

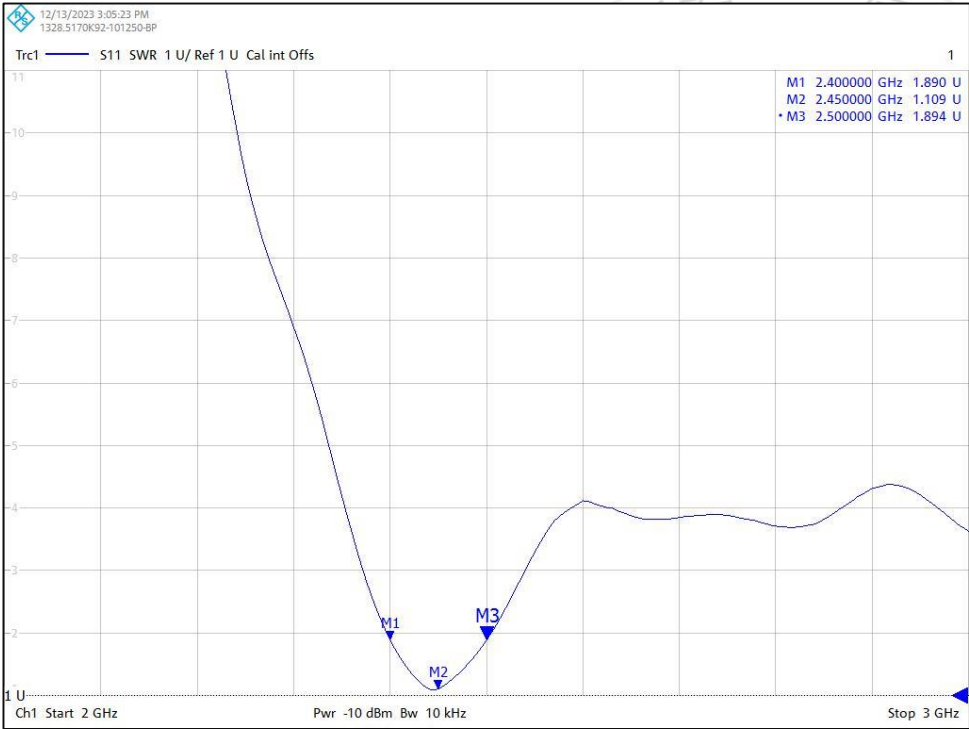
机台环境



天线位置

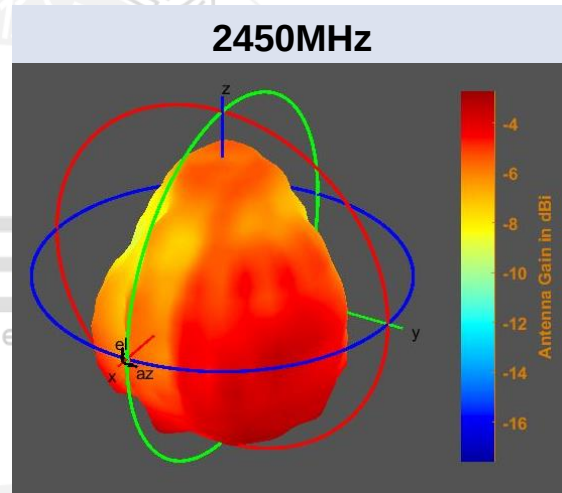
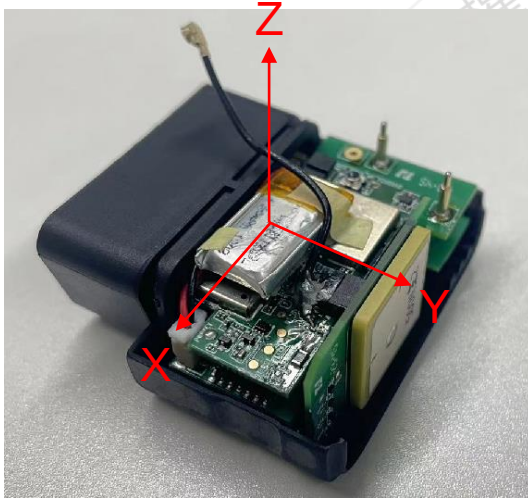
匹配电路





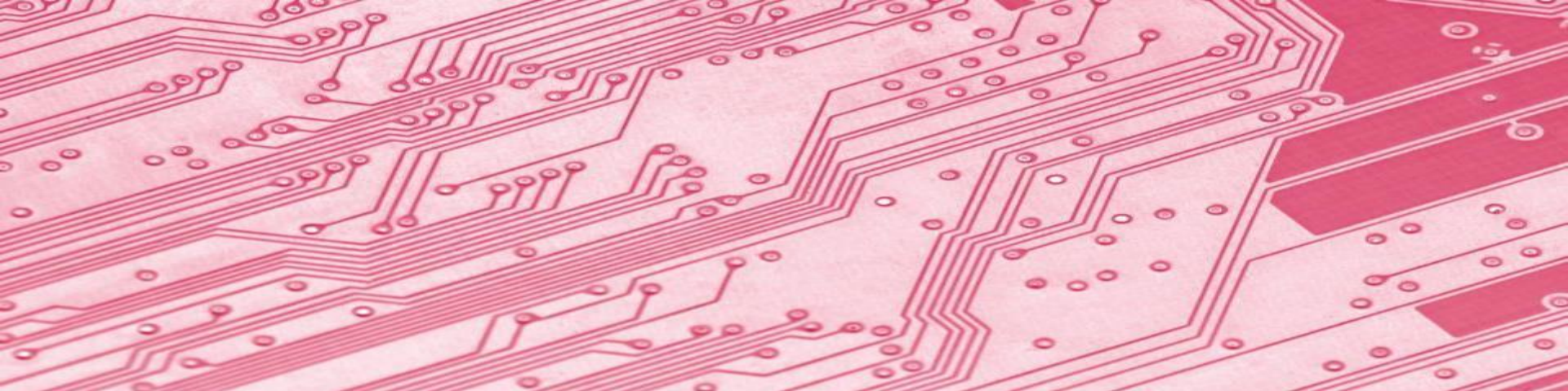
| Frequency (MHz) | VSWR |
|-----------------|------|
| 2400            | 1.9  |
| 2450            | 1.1  |
| 2500            | 1.9  |

| Frequency<br>(MHz) | Peak Gain<br>(dBi) | Average Gain<br>(dBi) | Efficiency<br>(%) |
|--------------------|--------------------|-----------------------|-------------------|
| 2400               | -3.9               | -8.1                  | 15.4              |
| 2410               | -3.4               | -7.7                  | 17.2              |
| 2420               | -3.1               | -7.4                  | 18.3              |
| 2430               | -2.7               | -6.9                  | 20.4              |
| 2440               | -3.1               | -7.0                  | 20.1              |
| 2450               | -2.7               | -6.6                  | 21.6              |
| 2460               | -2.6               | -6.5                  | 22.5              |
| 2470               | -2.7               | -6.6                  | 21.8              |
| 2480               | -2.4               | -6.5                  | 22.3              |
| 2490               | -1.9               | -6.1                  | 24.5              |
| 2500               | -1.7               | -6.1                  | 24.7              |
| AVG                | -2.7               | -6.9                  | 20.8              |



- 根据提供最新机台调试，整机状态下，天线效率平均20.8%左右；





# Thank you

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