



深圳市浩天诚无线科技有限公司
SHENZHEN HAOTIAN CHENG WIRELESS TECHNOLOGY CO.,LTD.

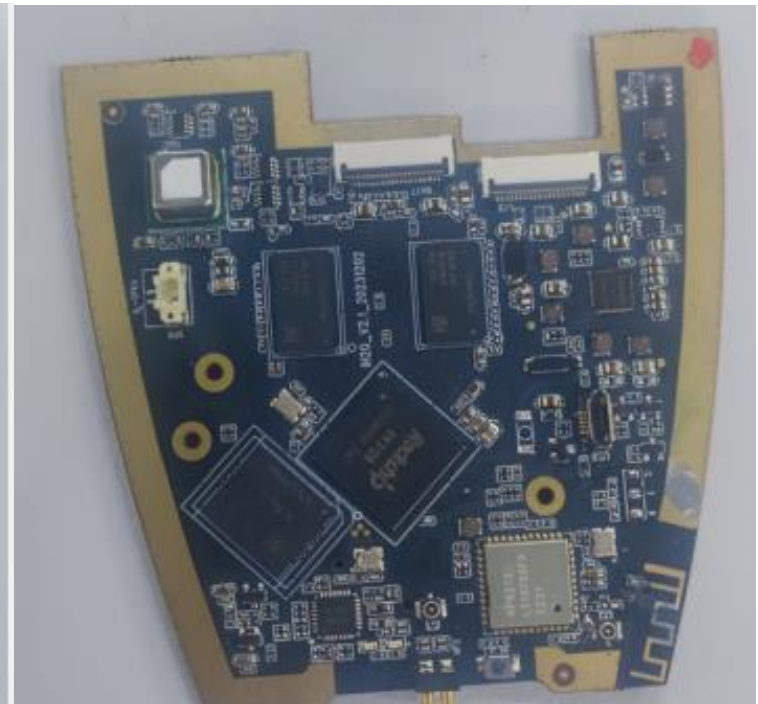
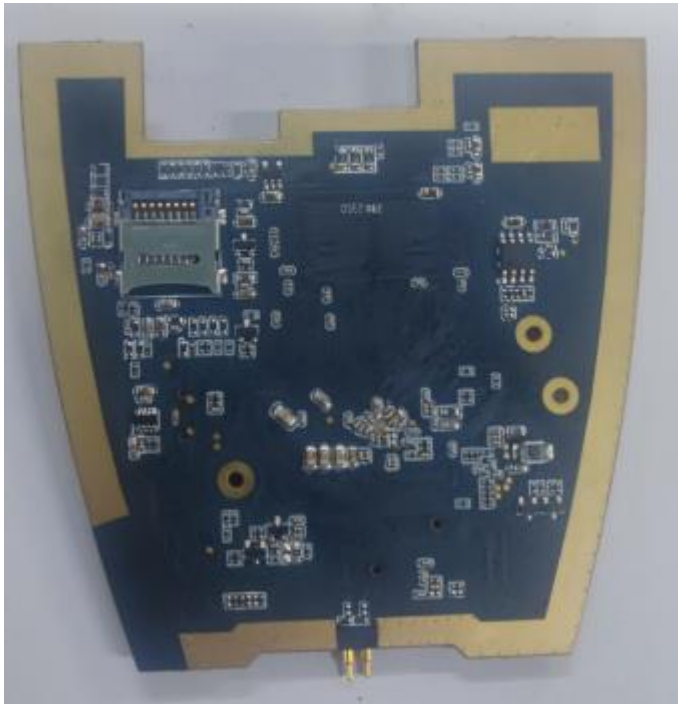
Antenna performance test report

| | | | |
|------------------------|-----------|----------------------------------|----------------|
| Customer Name | | RF Engineer | Xiao Qiang |
| Project | IH20 | Structural Engineer | Huang Zhenming |
| Antenna frequency band | WIFI/BT | | |
| Version | Date | Contents | |
| V1.0 | 2024-1-30 | Antenna performance test results | |
| | | | |
| | | | |
| | | | |

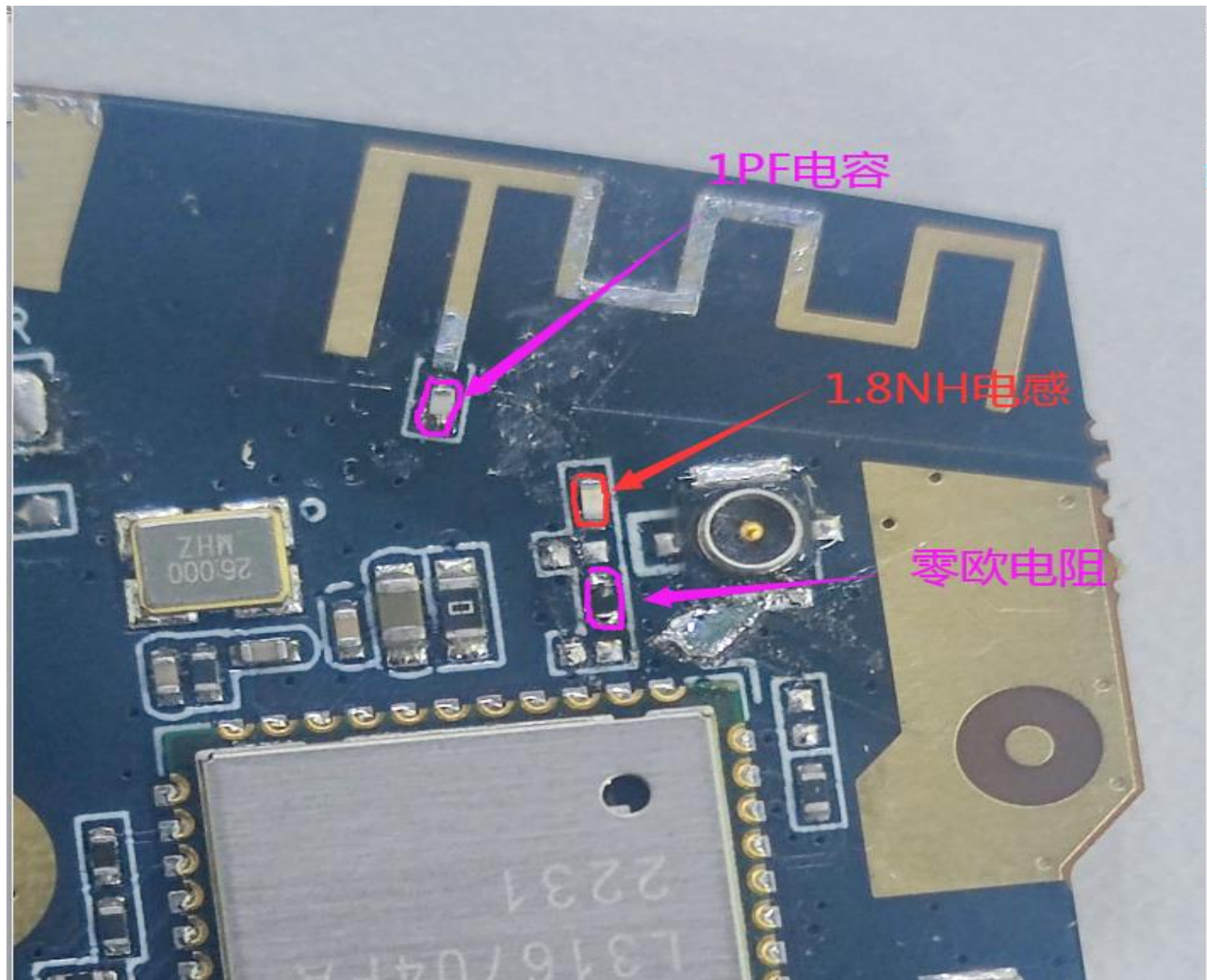
Test report directory

- I. Machine effect diagram
- II. Matching circuit
- III. Antenna Passive Standing Wave Diagram
- IV. Antenna Passive Smith Chart
- V. Antenna passive return loss
- VI. Antenna passive gain efficiency
- VII. Remark

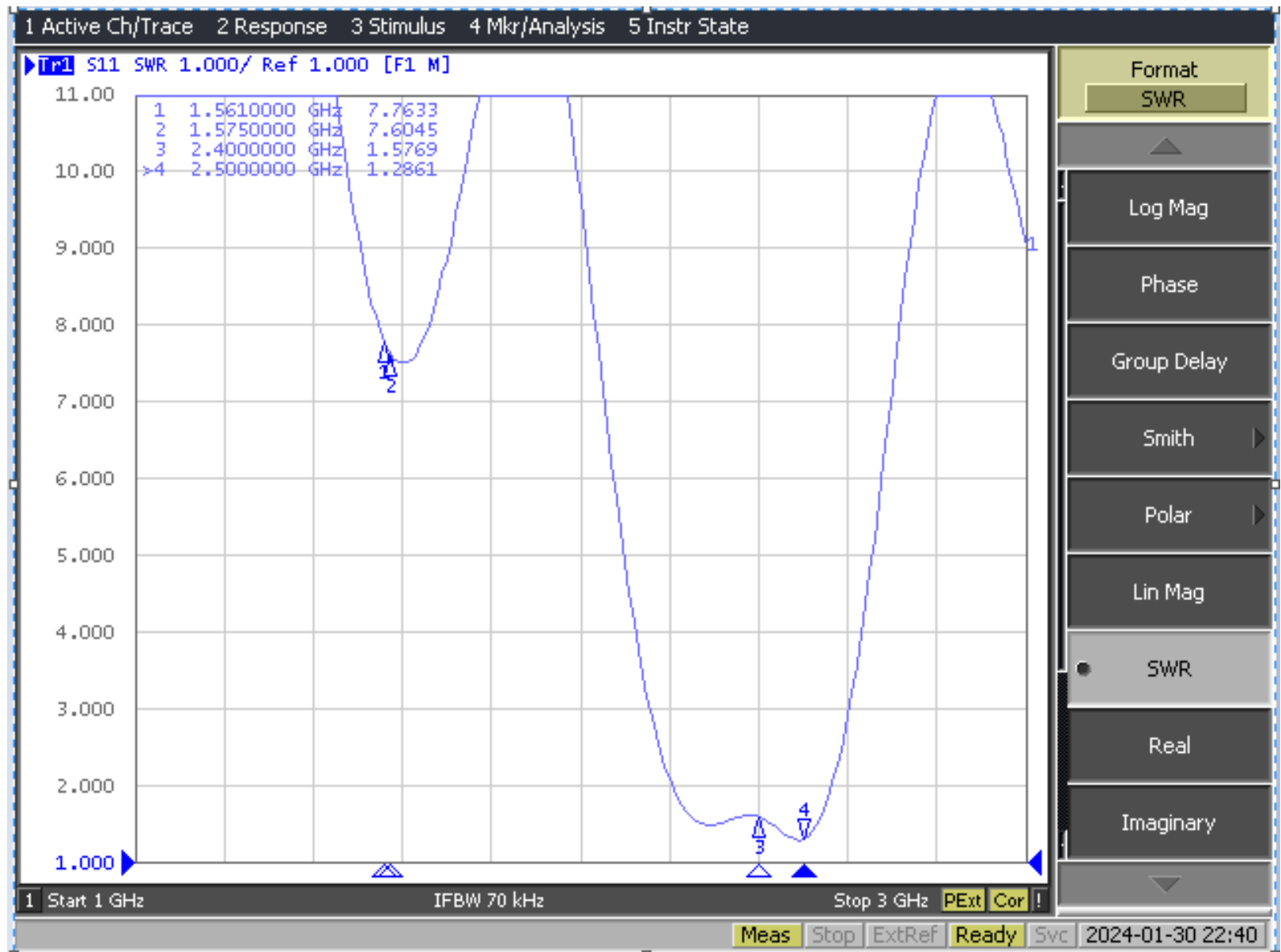
I Machine effect diagram



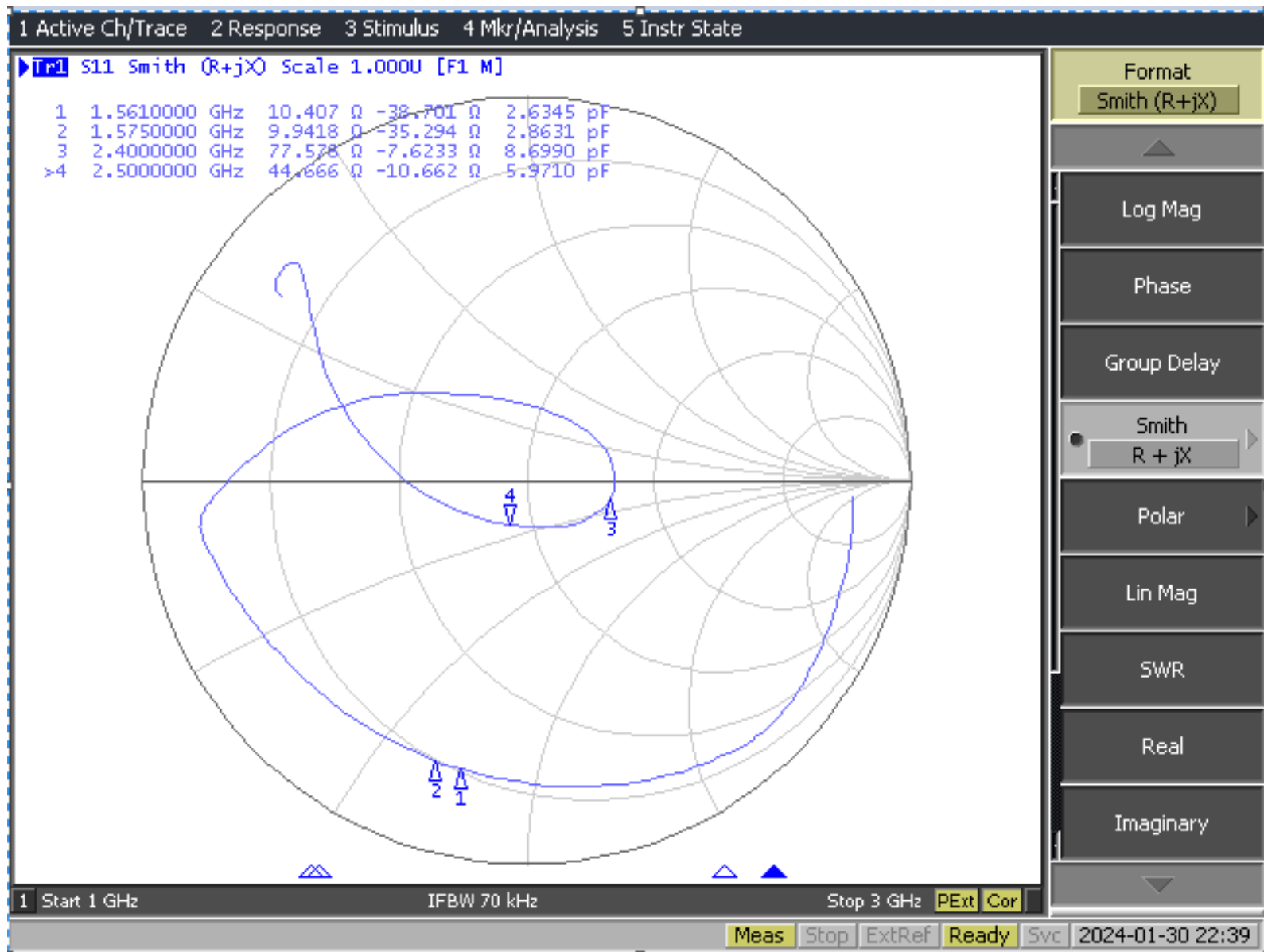
I I. Matching circuit



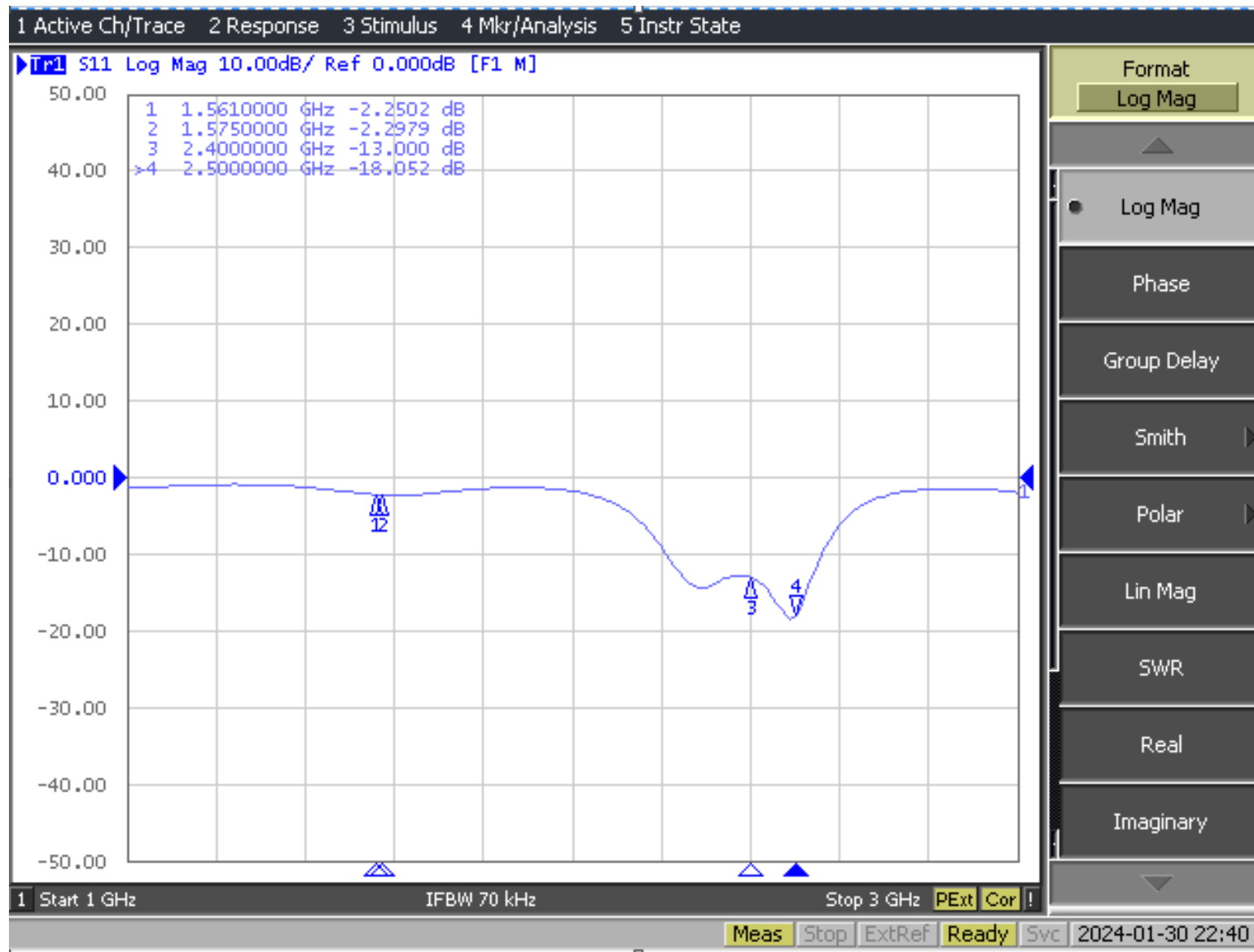
III Antenna Passive Standing Wave Diagram



IV Antenna Passive Smith Chart



V What are the benefits of using a mobile phone?



VI Antenna passive gain efficiency

| | A | B | C |
|----|-------|-------|-------|
| 1 | Freq | Effi | Gain |
| 2 | (MHz) | (%) | (dBi) |
| 3 | 2400 | 47.77 | 0.54 |
| 4 | 2410 | 47.86 | 0.36 |
| 5 | 2420 | 46.77 | 0.27 |
| 6 | 2430 | 48.81 | 0.51 |
| 7 | 2440 | 51.91 | 0.84 |
| 8 | 2450 | 52.09 | 0.86 |
| 9 | 2460 | 52.84 | 1.04 |
| 10 | 2470 | 52.84 | 1.13 |
| 11 | 2480 | 54.2 | 1.41 |
| 12 | 2490 | 55.52 | 1.51 |
| 13 | 2500 | 52.72 | 1.19 |

VIII.Remark

1. The above passive data is based on the following matching. Please paste the material according to the report.

