

承认书

Acknowledgment Letter

| CUSTOMER APPROVED BY | | |
|----------------------|------------|-------------|
| Approved by | Checked by | Prepared by |
| | | |
| SUPPLIER APPROVED BY | | |
| Approved by | Checked by | Prepared by |
| | | |

Supplier Name: FN-LINK TECHNOLOGY Ltd.

Supplier Address: Office Address: 14th Floor, Block B, Phoenix Zhigu, No.50 Tiezai Road, Gongle Community, Xixiang Street, Baoan District, Shenzhen, China 518000

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Phone number: 86-755-2955-8186
website: www.fn-link.com

antenna testing

| | |
|-------------------|---|
| Customer | GS Group |
| Project Name | S28 |
| Customer NO. | |
| specification | PCB antenna L15mm*W8mm 2.4~2.5GHz/5.15~5.85GHz |
| Supplier NO. | |
| Specification NO. | |
| Write by | Pan Yilin |
| REV. | Ver.1 |
| Date | 2024-4-22 |
| Note | |

1. Recognition Letter Project Table (Index)

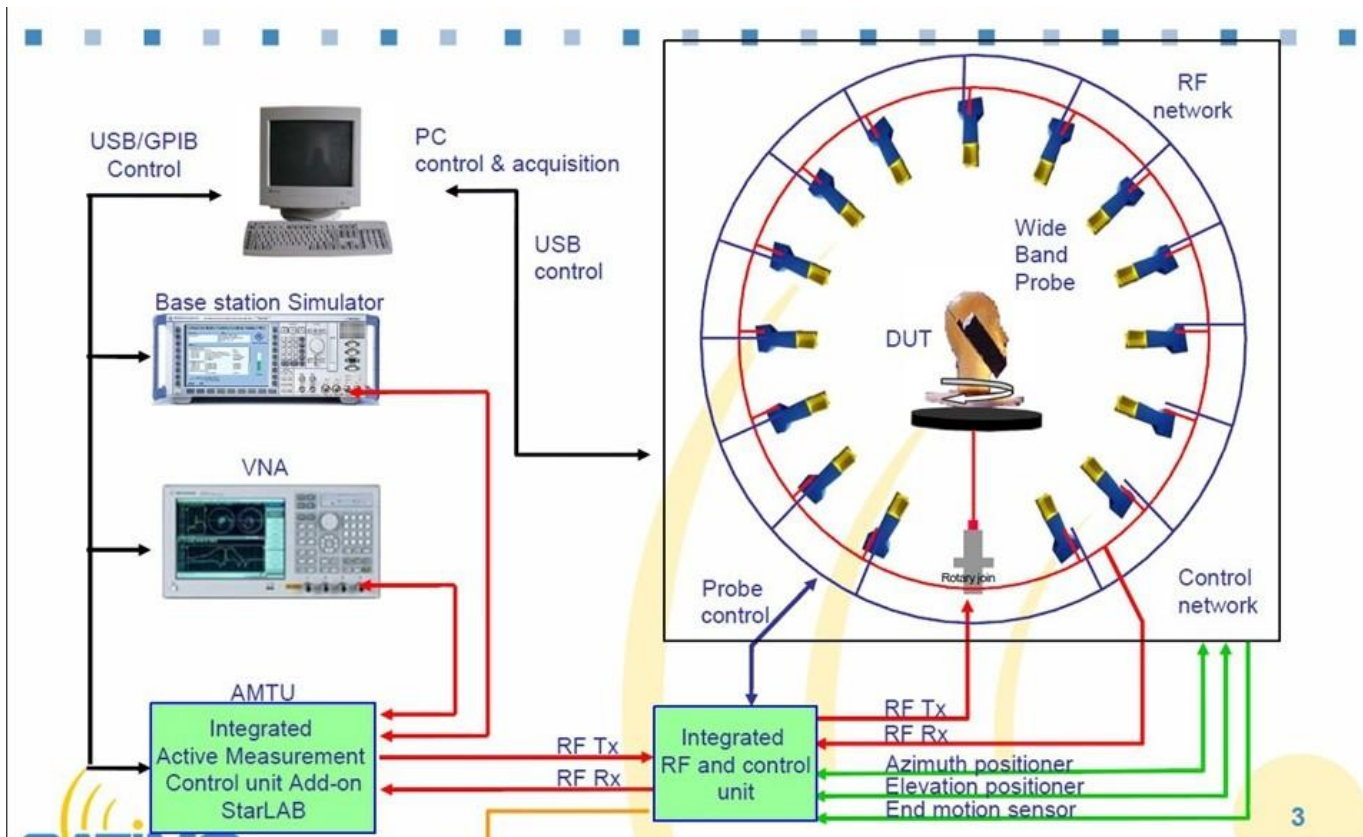
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(Test Equipment & Conditions)

1.1 . Network Analyzers : KEYSIGHT P5002A
 1.2 . Communications Test Set: R&S CMW 500

1.3 . 3D Chamber Test System: (24 probe testing system)

1. Testing principle diagram of microwave anechoic chamber

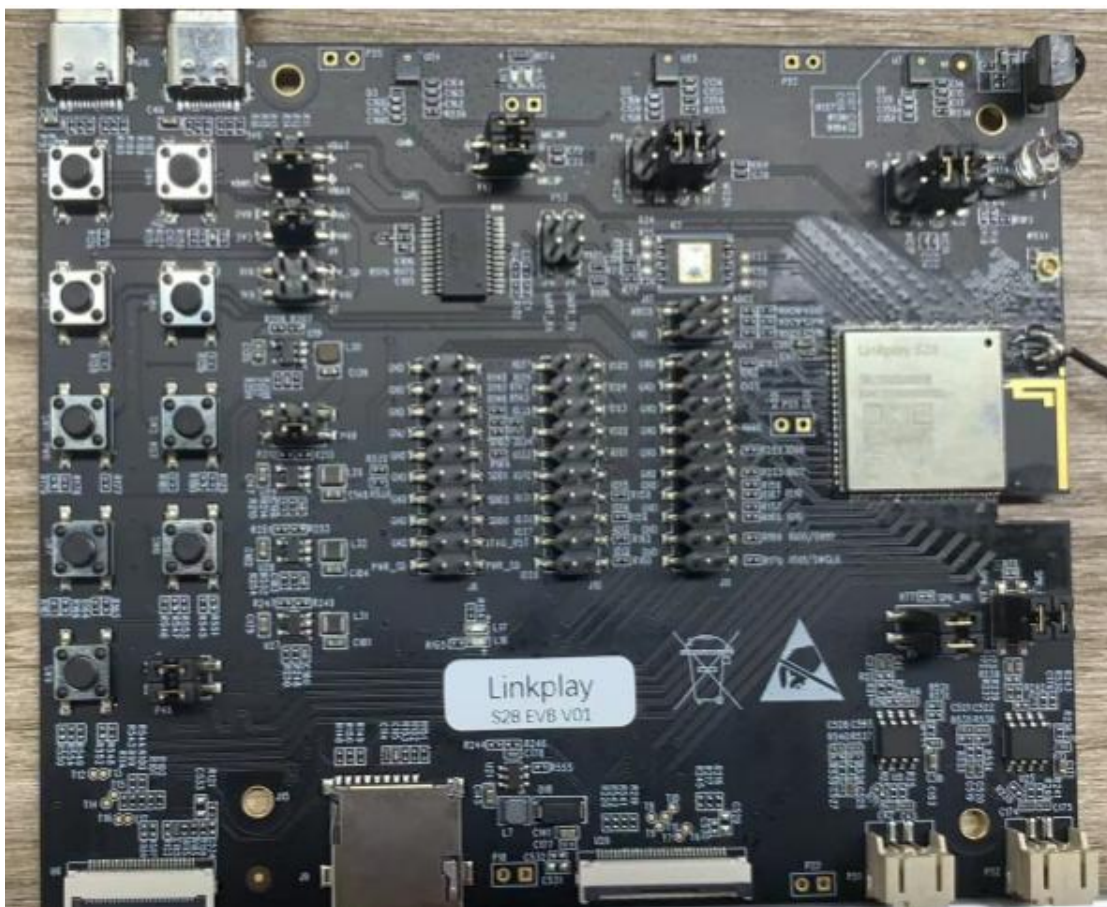


2. Explanation.

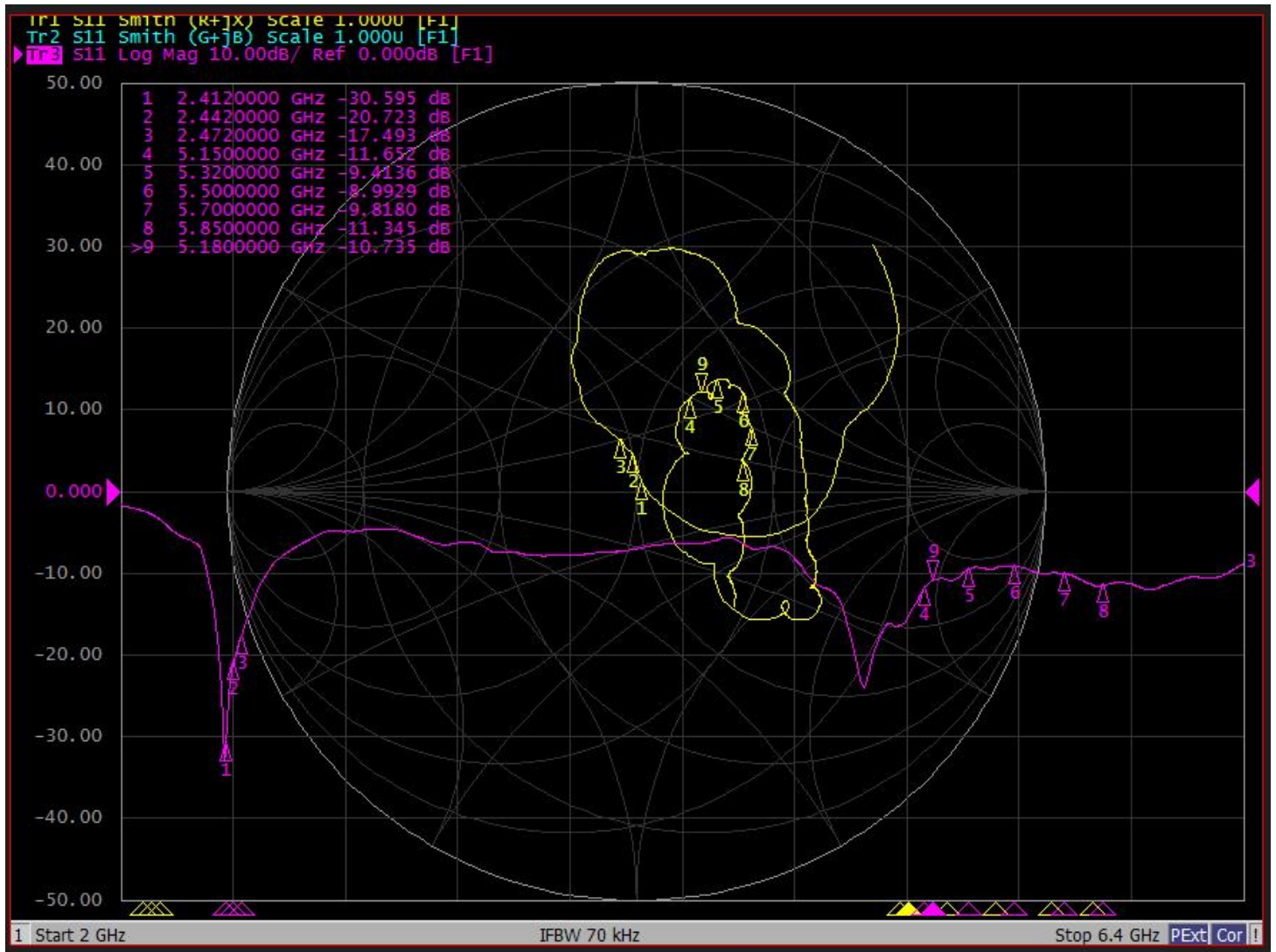
This report summarizes the electrical performance results of the antenna for the project, including the S11 parameters, Gain, and Efficiency of the antenna

catalogue

1. Complete machine description
2. Debugging data report
3. Test data



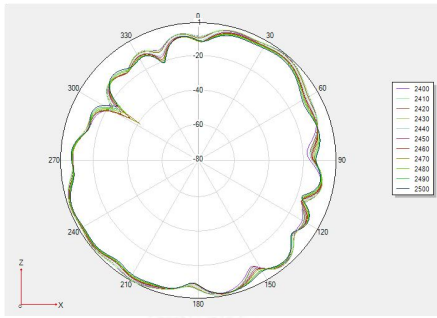
WIFI ANTENNA S11



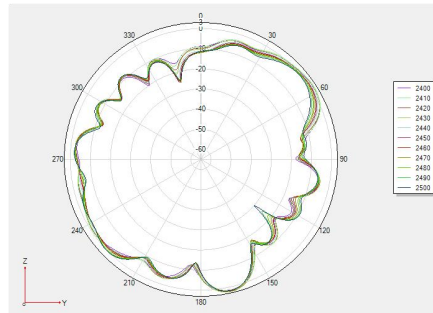
TEST DATA

| Frequency/MHZ | MaxGain/dBi | Efficiency/% |
|---------------|-------------|--------------|
| 2400 | 1.5 | 42.93 |
| 2410 | 1.48 | 40.56 |
| 2420 | 1.49 | 41.21 |
| 2430 | 1.39 | 42.33 |
| 2440 | 1.41 | 40.87 |
| 2450 | 0.87 | 42.66 |
| 2460 | 0.71 | 43.82 |
| 2470 | 0.65 | 43.44 |
| 2480 | 0.76 | 43.84 |
| 2490 | 0.96 | 42.18 |
| 2500 | 0.67 | 43.52 |
| 5000 | 2.49 | 42.27 |
| 5100 | 3.32 | 45.5 |
| 5200 | 2.81 | 39.45 |
| 5300 | 2.83 | 42.17 |
| 5400 | 2.97 | 41.02 |
| 5500 | 3.17 | 39.63 |
| 5600 | 1.49 | 33.96 |
| 5700 | 2.45 | 37.84 |
| 5800 | 1.9 | 33.34 |
| 5900 | 1.09 | 28.18 |
| 6000 | 3.32 | 44.98 |

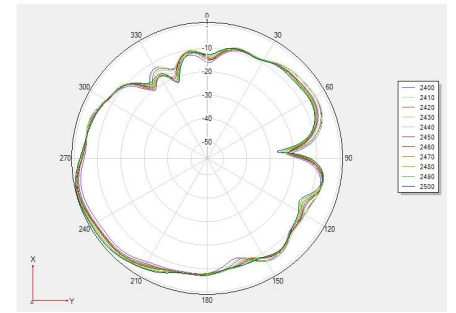
2.4G 5G antenna pattern



Z-X



Z-Y



X-Y

