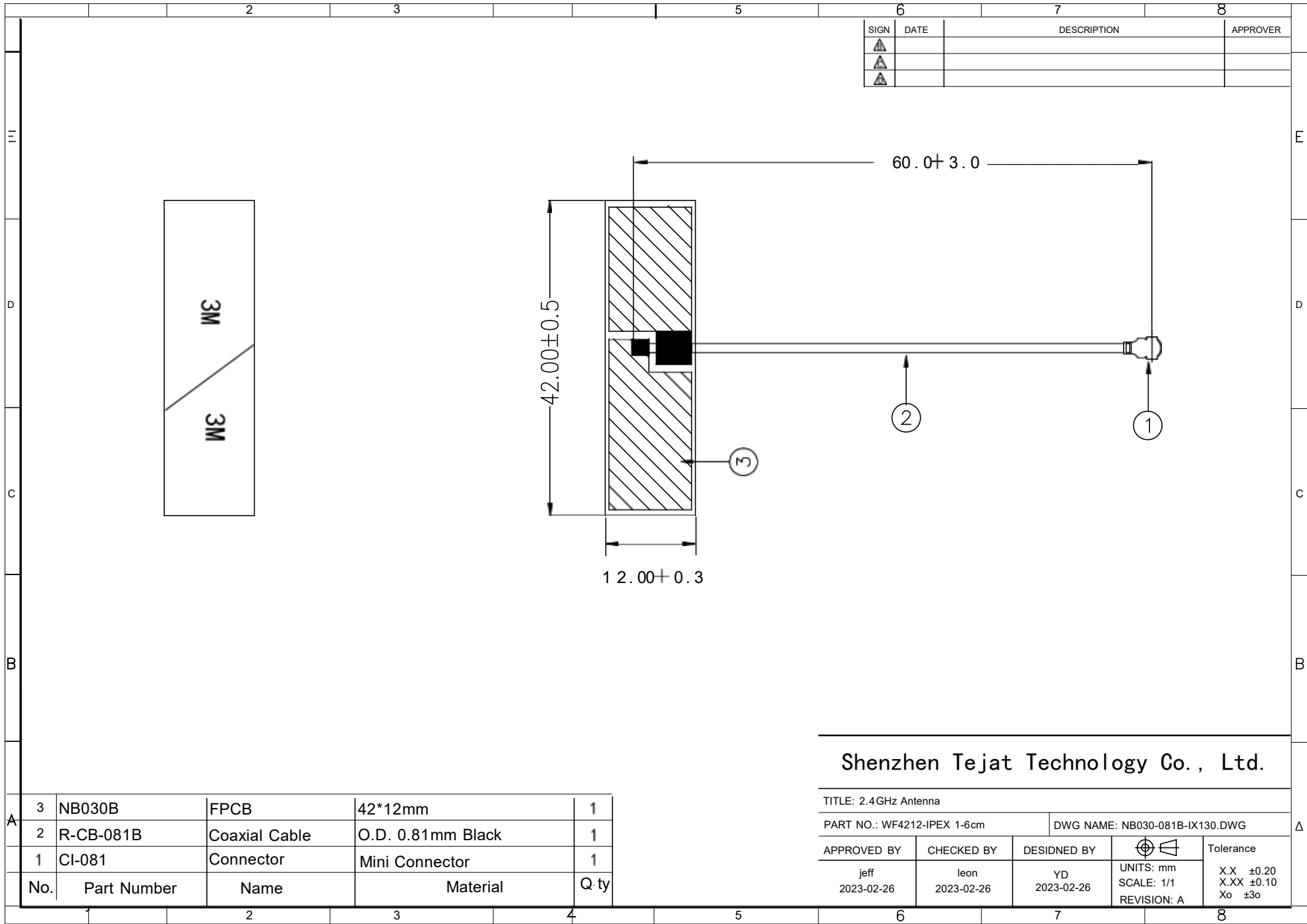


# Acknowledgement Item List

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| 12  | -            | -                 | -              |

# Test Reports

| Electrical Properties |                           |
|-----------------------|---------------------------|
| Frequency             | 2.4~2.5GHz:4.9~5.9GHz     |
| Impedance             | 50 Ohm Nominal            |
| V.S.W.R               | 1.92 : 1 Max              |
| Return Loss           | -10 dB Max                |
| Radiation             | Omni-directional          |
| Gain (Peak)           | 5dBi                      |
| Cable Loss            | 3.2 dB / m Max @ 2450 MHz |
| Polarization          | Linear, Vertical          |
| Admitted Power        | 1 W                       |
| Connector             | ipex                      |
| Physical Properties   |                           |
| Antenna Material      | FPCB                      |
| Cable Type            | O.D. 1.13mm // 120 mm     |
| Operating Temp.       | -10 ~ +60 ° C             |
| Storage Temp.         | -10 ~ +70 ° C             |
| Cable Color           | Black                     |



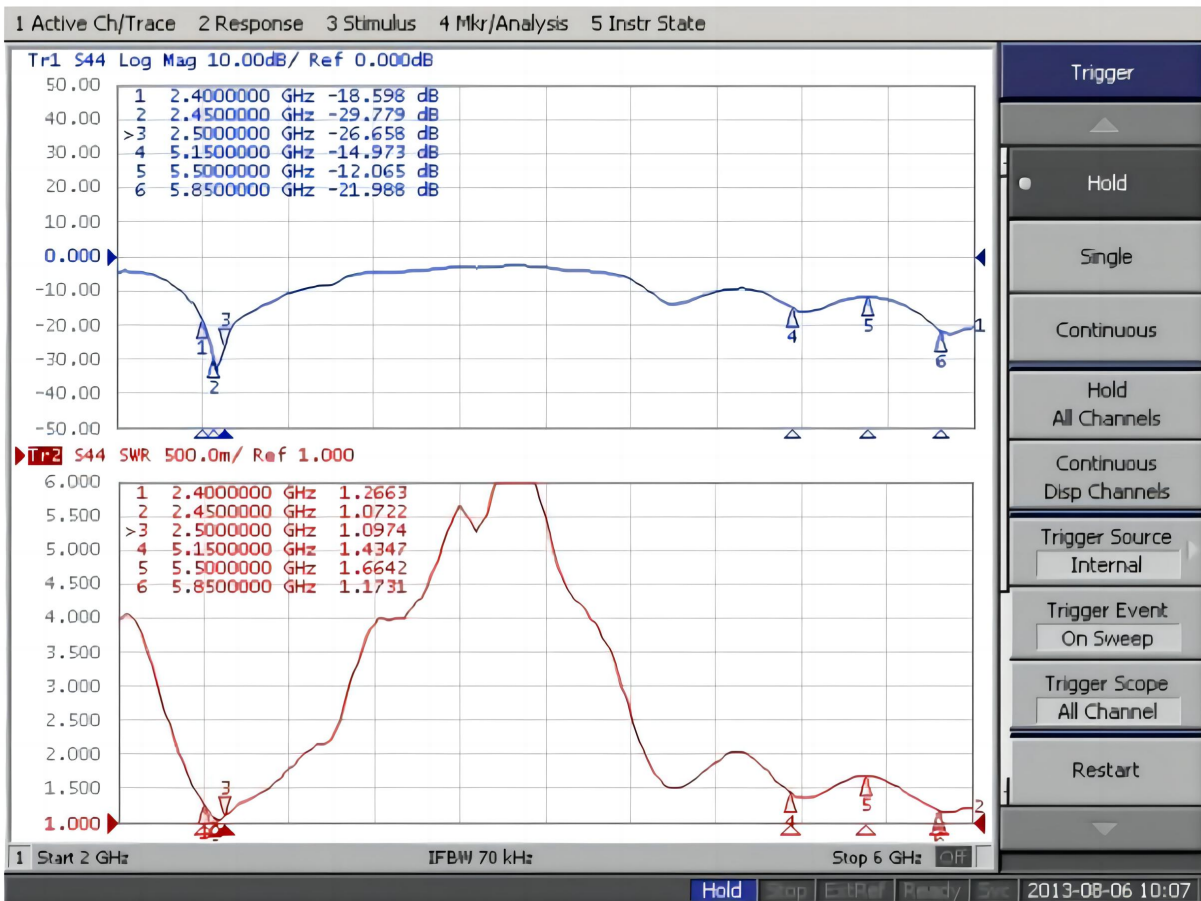
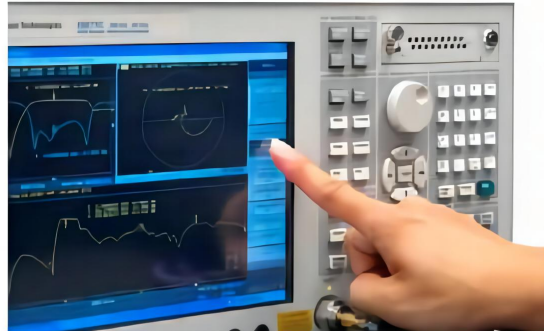
Shenzhen Tejat Technology Co., Ltd.

|                             |                    |                  |                                                                                       |                                   |
|-----------------------------|--------------------|------------------|---------------------------------------------------------------------------------------|-----------------------------------|
| TITLE: 2.4GHz Antenna       |                    |                  |                                                                                       |                                   |
| PART NO.: WF4212-IPEX 1-6cm |                    |                  | DWG NAME: NB030-081B-IX130.DWG                                                        |                                   |
| APPROVED BY                 | CHECKED BY         | DESIGNED BY      |  | Tolerance                         |
| jeff<br>2023-02-26          | leon<br>2023-02-26 | YD<br>2023-02-26 | UNITS: mm<br>SCALE: 1/1<br>REVISION: A                                                | X.X ±0.20<br>X.XX ±0.10<br>Xo ±3o |

|     |             |               |                   |      |
|-----|-------------|---------------|-------------------|------|
| 3   | NB030B      | FPCB          | 42*12mm           | 1    |
| 2   | R-CB-081B   | Coaxial Cable | O.D. 0.81mm Black | 1    |
| 1   | CI-081      | Connector     | Mini Connector    | 1    |
| No. | Part Number | Name          | Material          | Q-ty |

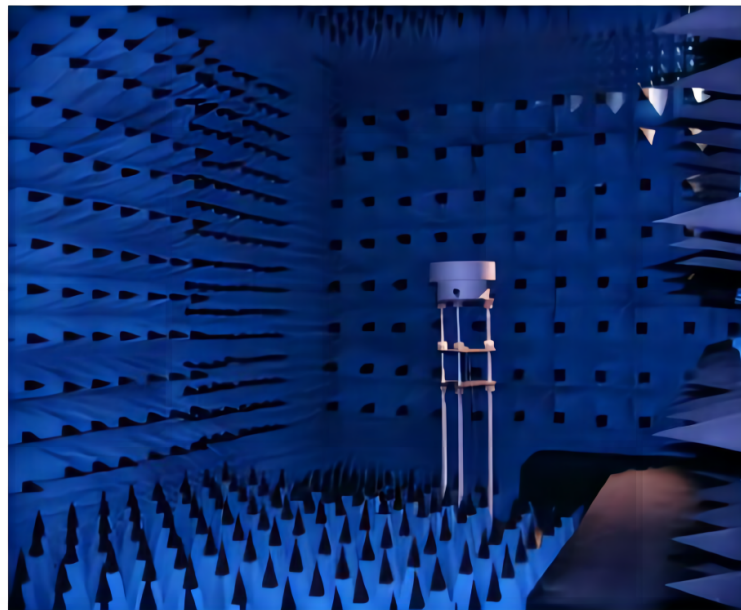
# S Parameter Test

*Agilent E5071C*



# Gain Test

*Antenna  
Radiation  
Pattern  
VS  
Gain*



E-Plane Radiation Pattern

