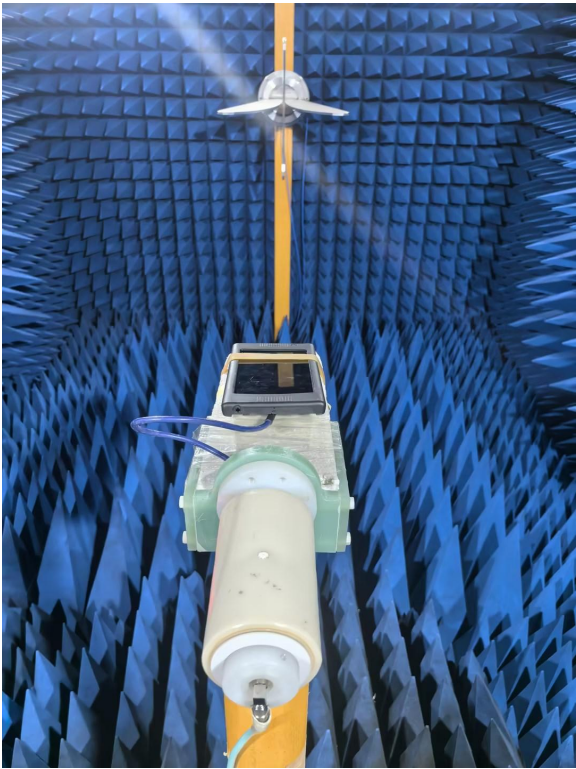


# 2.4G-2.48G ANTENNA REPORT

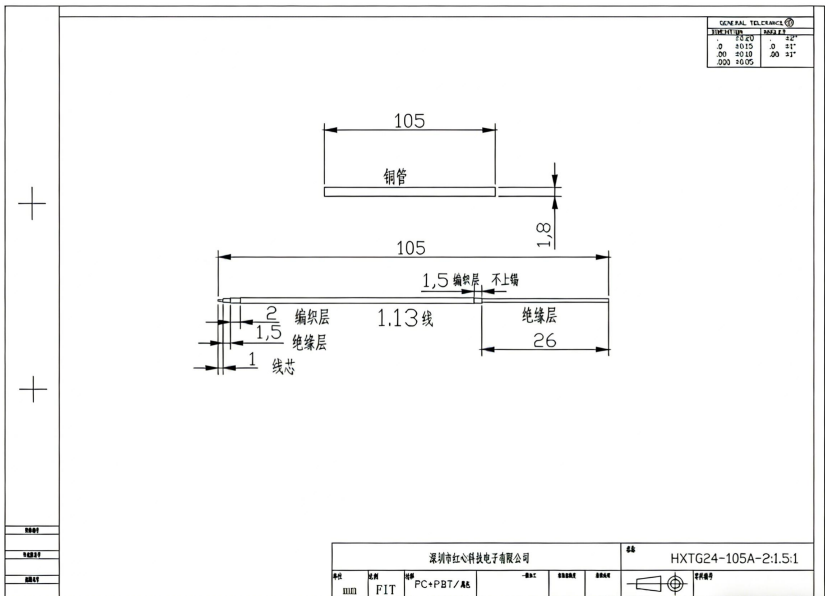
| SPECIFICATIONS     |                                                  |
|--------------------|--------------------------------------------------|
| Frequency (MHz)    | 2400-2480                                        |
| Peak Gain (dBi)    | -2.78                                            |
| Average Gain (dBi) | >-6.86                                           |
| VSWR               | <3.0                                             |
| Impedance ( Ω )    | 50                                               |
| Antenna Type       | TG Dipole antenna                                |
| Polarization       | Linear                                           |
| Manufacture        | Shenzhen Hongxin Technology Electronics Co., Ltd |



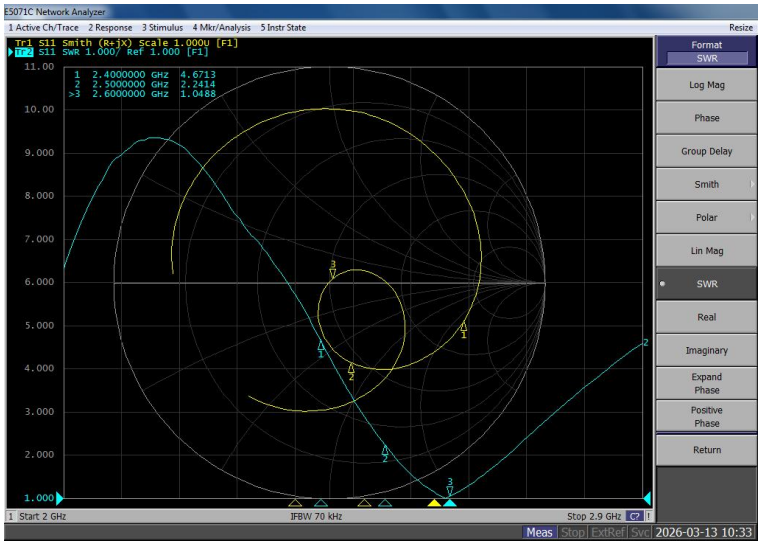
ANTENNA PHOTOSHOW :



ANTENNA SIZE :



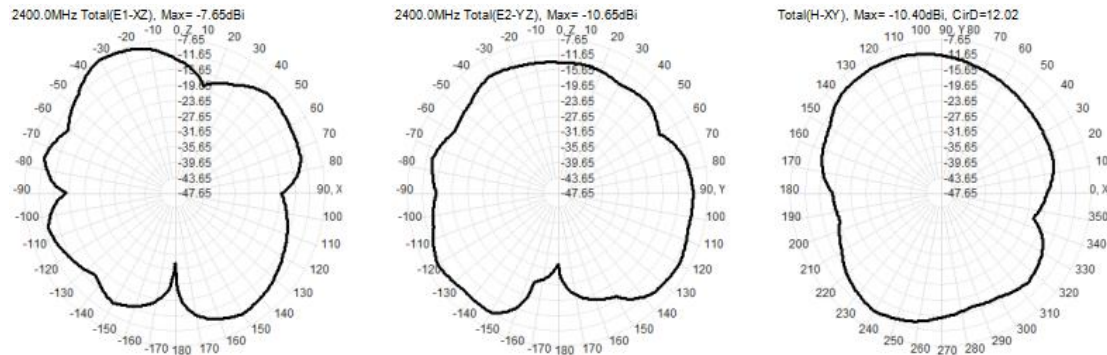
ANTENNA ELECTRIC PARAMETER:



Antenna efficiency and gain:

| Frequency ID     | 1      | 2      | 3      | 4      | 5      | 6      | 7     | 8     | 9     |
|------------------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
| Frequency (MHz)  | 2400   | 2410   | 2420   | 2430   | 2440   | 2450   | 2460  | 2470  | 2480  |
| Efficiency (dBi) | -12.48 | -12.26 | -11.61 | -10.96 | -10.50 | -10.11 | -9.31 | -8.69 | -8.13 |
| Gain (dBi)       | -6.86  | -6.67  | -5.88  | -5.34  | -4.92  | -4.67  | -3.95 | -3.37 | -2.78 |
| Efficiency (%)   | 5.65   | 5.94   | 6.91   | 8.02   | 8.91   | 9.75   | 11.72 | 13.52 | 15.38 |
| Directivity (dB) | 5.62   | 5.59   | 5.73   | 5.62   | 5.58   | 5.44   | 5.36  | 5.32  | 5.35  |

2400MHz 2D-Theta Pattern



2400MHz 3D-Horizontal Pattern

