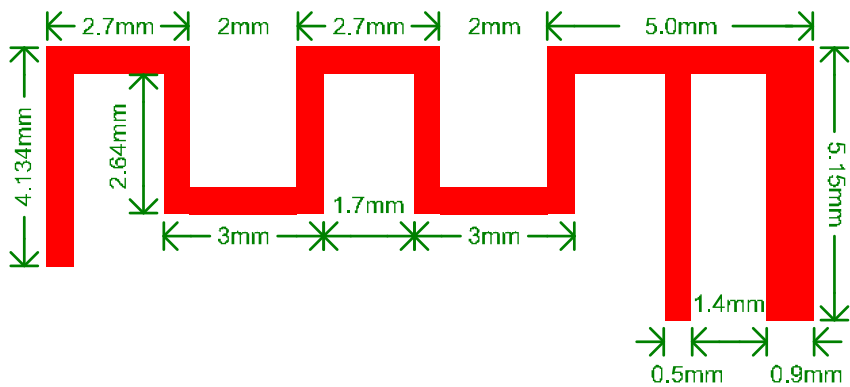


## Inverted F Antenna Specification

➤ Summary

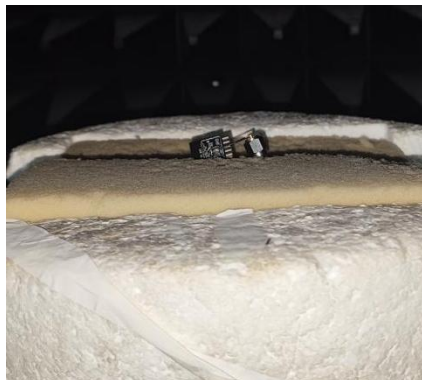
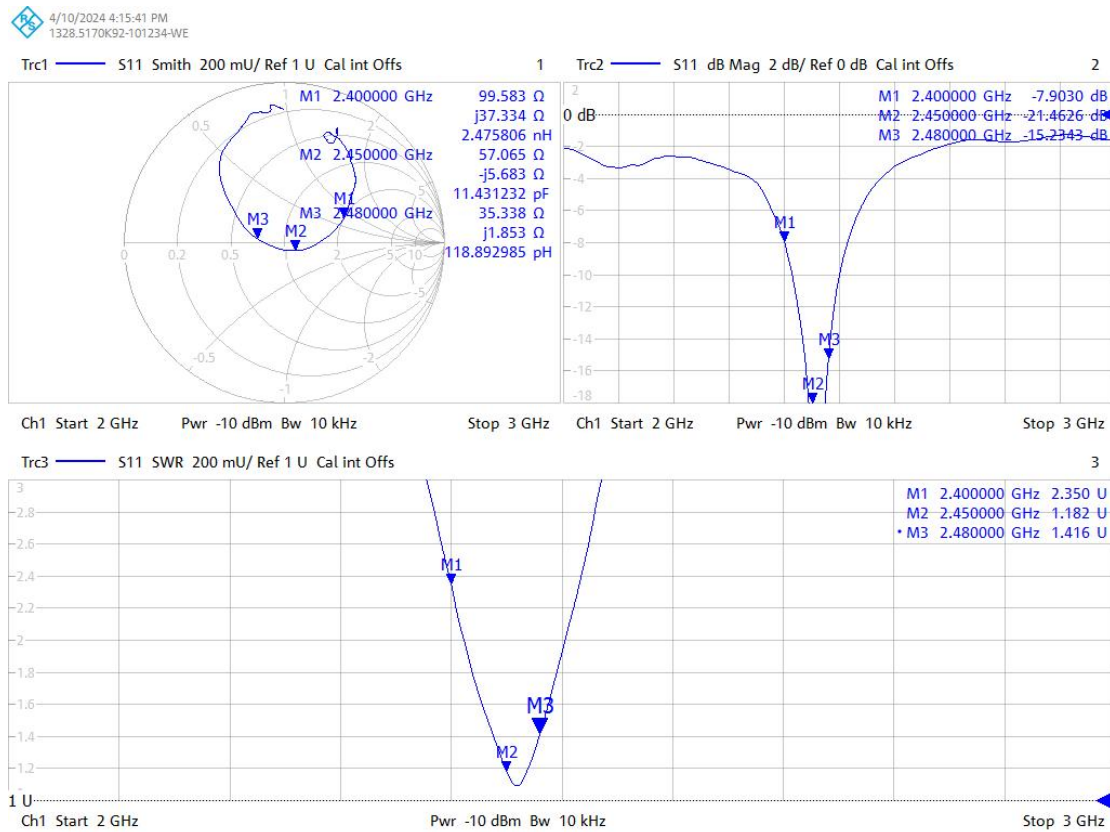
|                                |                                                                                                             |
|--------------------------------|-------------------------------------------------------------------------------------------------------------|
| Ren Feng P/N                   | Printed PCB antenna                                                                                         |
| Frequency gain                 | 2.4GHz — 2.5GHz                                                                                             |
| WRITED                         | Licco                                                                                                       |
| MAX Gain                       | 0.13dBi                                                                                                     |
| Azimuth Beam Pattern           | Omni-directional                                                                                            |
| Impedance                      | 50 Ohm                                                                                                      |
| Manufacturer<br>(company name) | Shenzhen Rinocloud Technology Co.,Ltd.                                                                      |
| Address                        | Qianhai Complex A201, Qianwan Road 1, Qianhai<br>Shenzhen-Hong Kong Cooperation Zone,<br>Shenzhen,P.R.China |

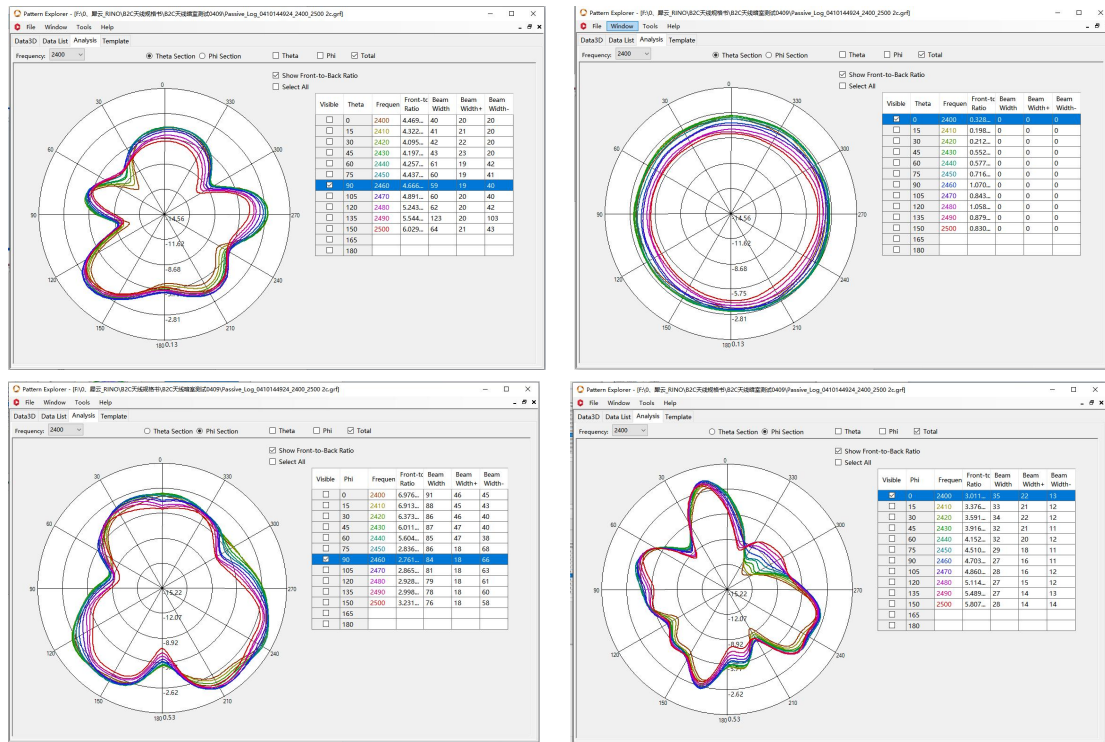
Antenna Photo & Length (mm)



## ➤ Test Data and curve

| Frequency (MHz) | Return Loss | VSWR |
|-----------------|-------------|------|
| 2400            | -7.90       | 2.35 |
| 2450            | -21.46      | 1.18 |
| 2500            | -15.23      | 1.41 |





## ➤ Efficiency and Gain

| Fre a. (ZHz ) | Eff i (l%) | Gain (dBi) |
|---------------|------------|------------|
| 2400          | 29.12      | -0.36      |
| 2410          | 30.85      | -0.22      |
| 2420          | 32.06      | -0.09      |
| 2430          | 32.97      | 0.09       |
| 2440          | 33.59      | 0.13       |
| 2450          | 33.96      | 0.13       |
| 2460          | 33.45      | 0.1        |
| 2470          | 32.98      | -0.11      |
| 2480          | 31.42      | -0.52      |
| 2490          | 31.05      | -0.8       |
| 2500          | 29.35      | -1.16      |