

# SPECIFICATION FOR APPROVAL

## 承认书

CUSTOMER

客户名称: NVECTECH, LLC

CUSTOMER' S P/N

客户料号: 20U1191A X3

PART NUMBER

料号:

ISSUE DATE

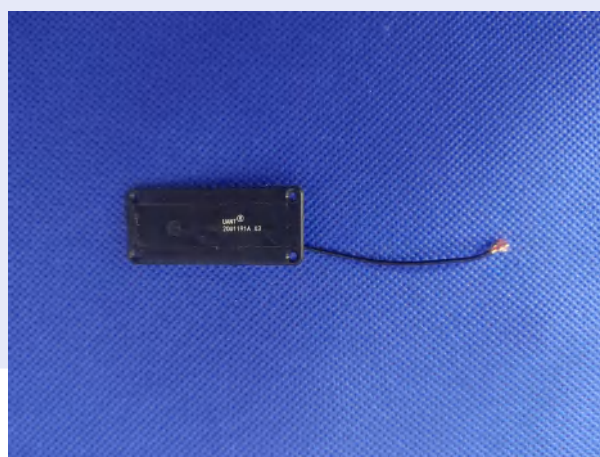
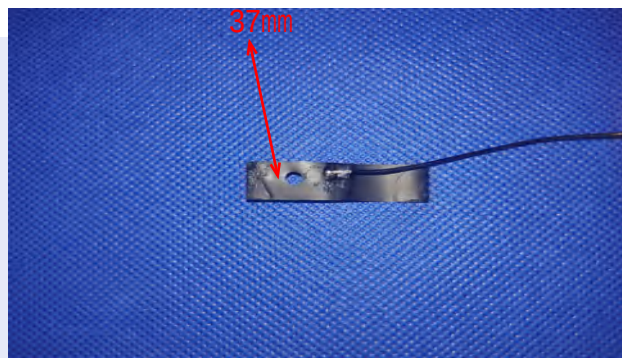
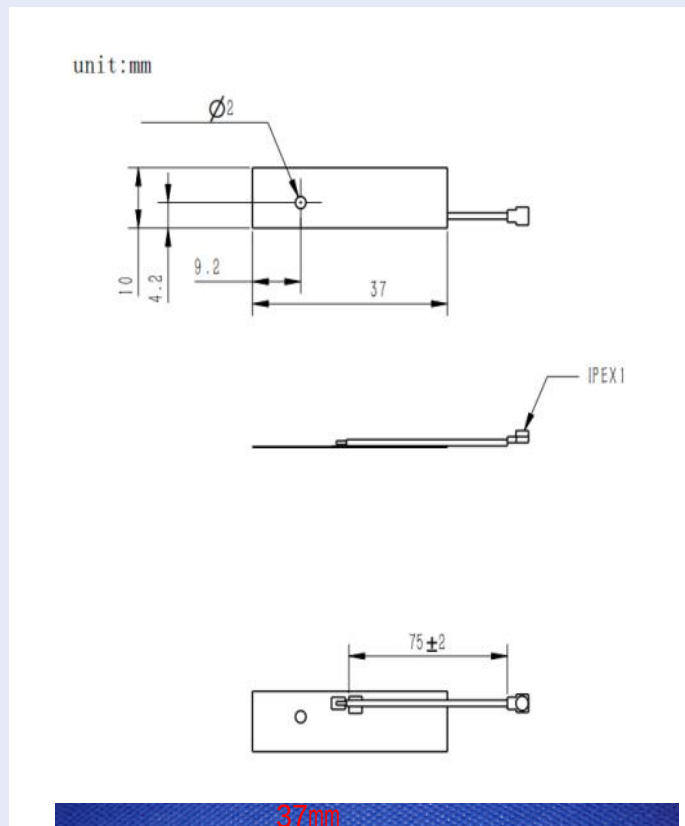
日期:

CUSTOMER APPROVED

客户承认

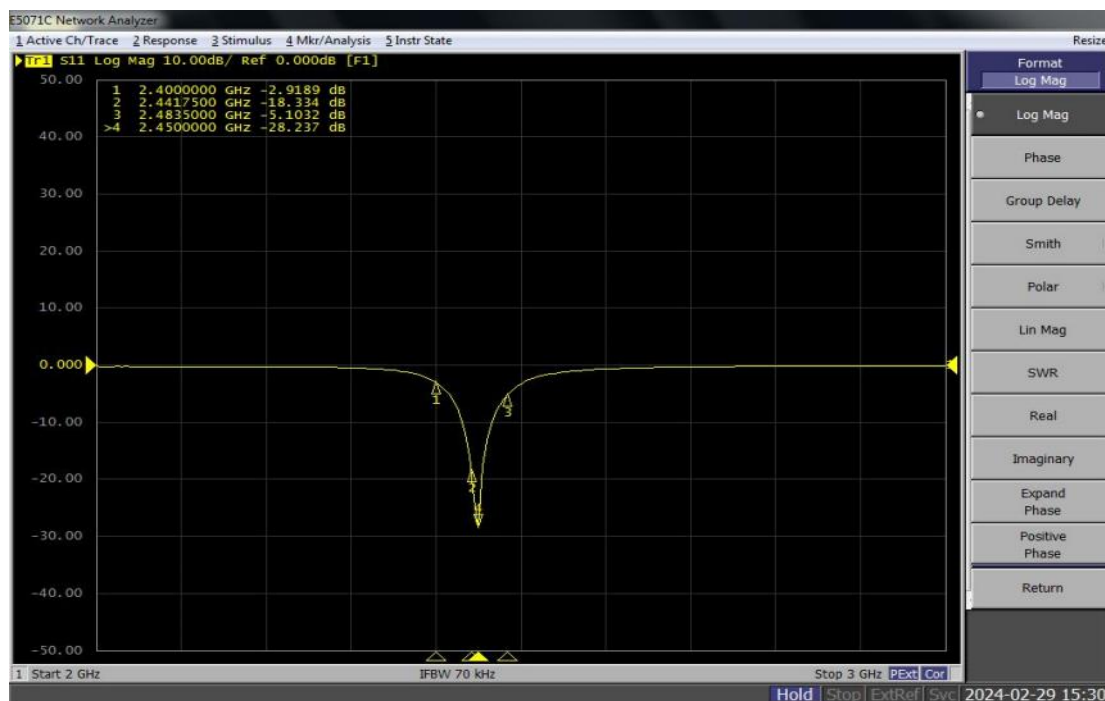
**Specifications:**

|                       |              |
|-----------------------|--------------|
| Center frequency      | 2.45GHz      |
| Bandwidth             | 100MHz(typ.) |
| Peak gain             | 2.2dBi       |
| Model Name            | 20U1191A X3  |
| VSWR                  | 1.5(max)     |
| Impedance             | 50Ω          |
| Power Capacity        | 2W(max)      |
| Operation temperature | -40 ~ +85 °C |
| Storage temperature   | -40 ~ +85 °C |

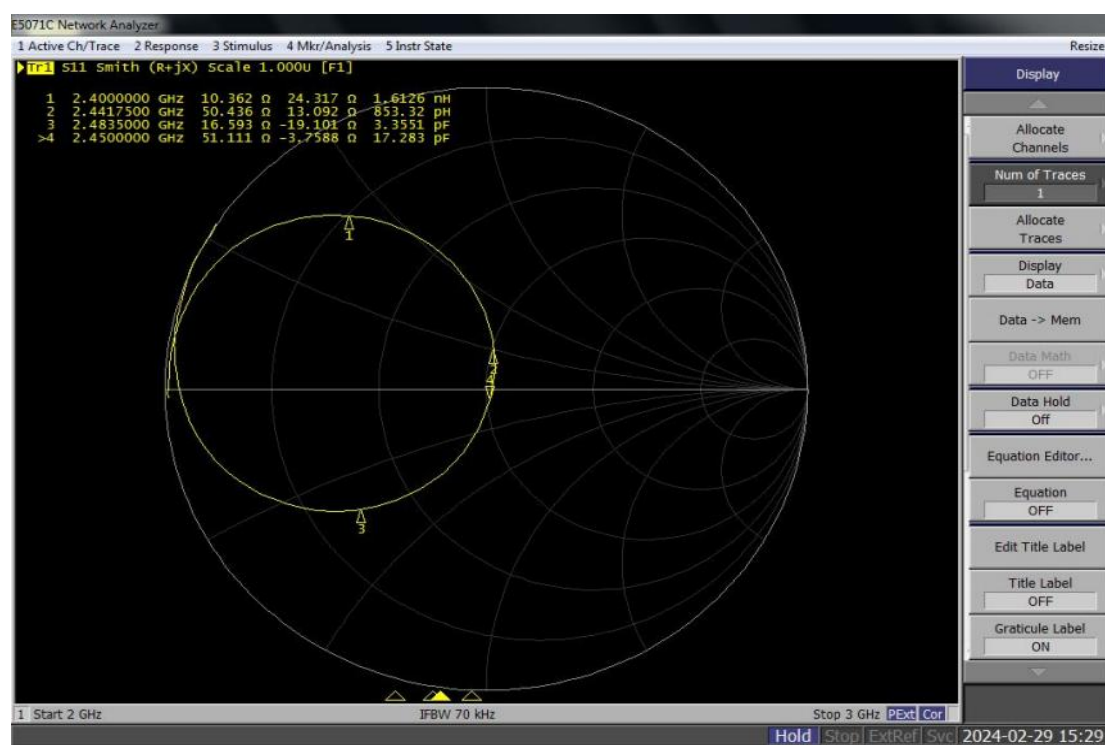


## 2、 Measurement Results

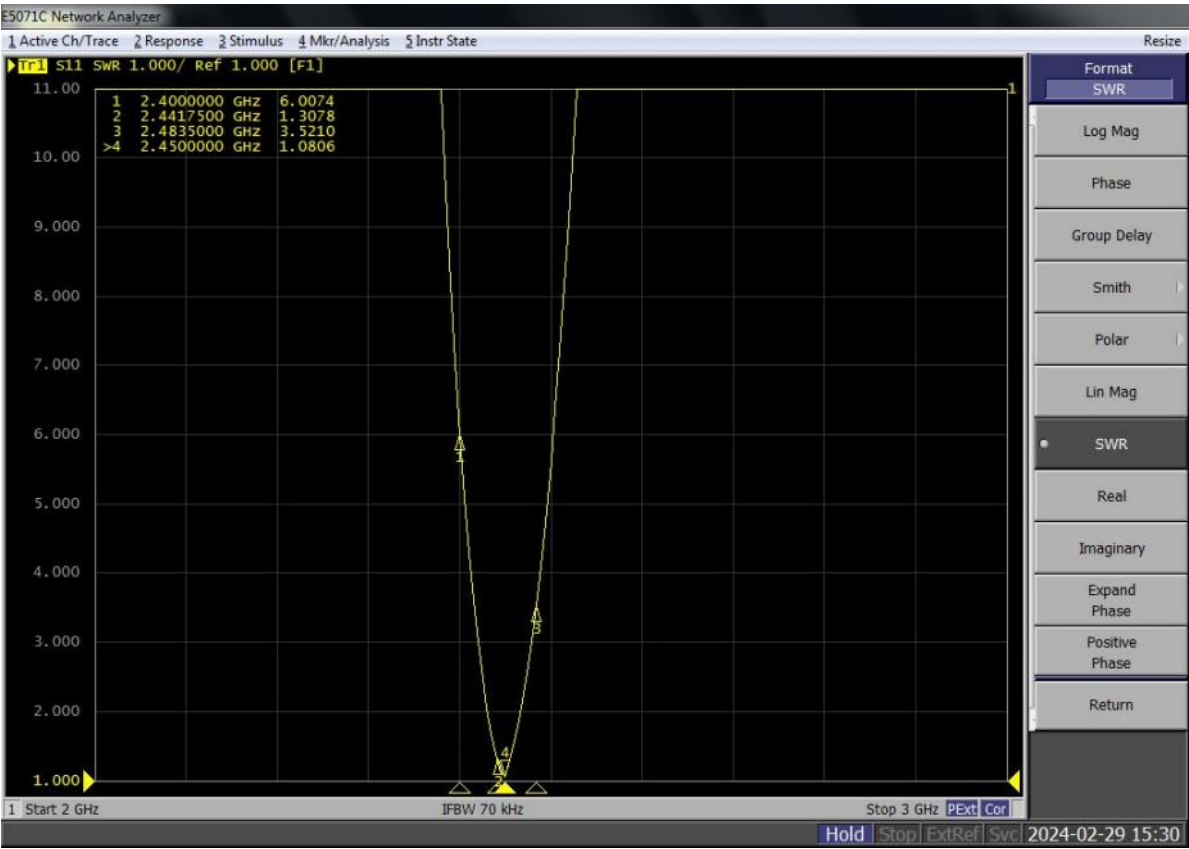
S11 Log Mag :



S11 Smith R+jx :

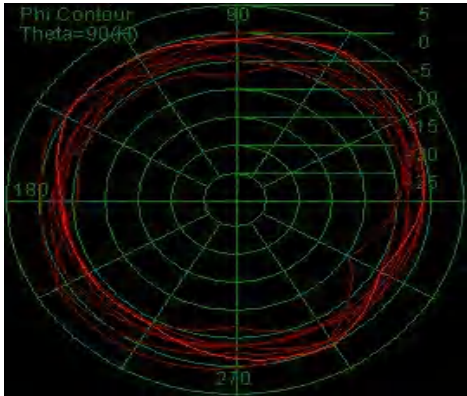


S11 SWR :

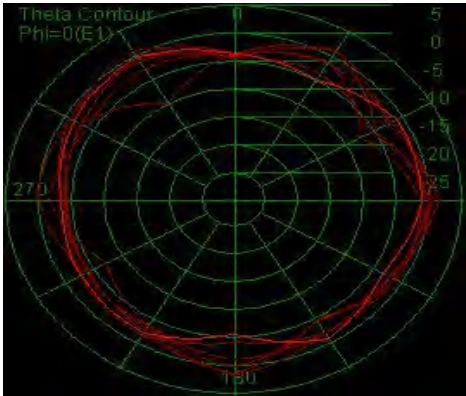


unit:dBi

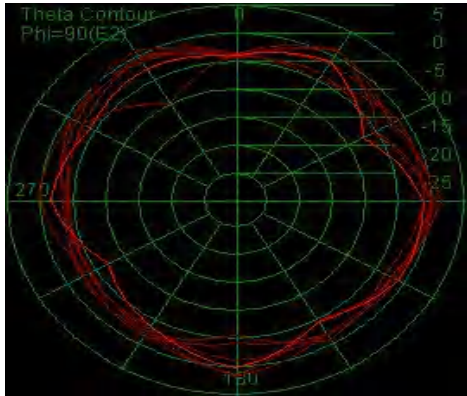
H  
XY轴  
2400MHz



V  
XZ轴  
2450MHz



V  
YZ轴  
2500MHz



3.Antenna Passive Data

|                |        |        |        |        |        |        |        |        |        |        |        |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Test Point ID  | 1      | 2      | 3      | 4      | 5      | 6      | 7      | 8      | 9      | 10     | 11     |
| Freq. (MHz)    | 2400.0 | 2410.0 | 2420.0 | 2430.0 | 2440.0 | 2450.0 | 2460.0 | 2470.0 | 2480.0 | 2490.0 | 2500.0 |
| Gain (dBi)     | 0.67   | 0.84   | 1.27   | 1.52   | 1.64   | 2.20   | 1.61   | 1.47   | 1.28   | 1.33   | 1.17   |
| Efficiency (%) | 40.9%  | 42.1%  | 42.7%  | 43.8%  | 44.5%  | 45.1%  | 44.6%  | 43.8%  | 42.3%  | 41.9%  | 40.6%  |