

SPECIFICATION FOR APPROVAL

承认书

CUSTOMER

客户名称: GuangdongDongyouTechnologyCo.,LTD

CUSTOMER' S P/N

客户料号: _____

PART NUMBER

料号: _____

ISSUE DATE

日期: _____

CUSTOMER APPROVED

客户承认

Specifications:

Center frequency	2.45GHz
Bandwidth	100MHz(typ.)
Peak gain	1.77dBi
Model Name	DBA M50-V1
VSWR	1.5(max)
Impedance	50Ω
Power Capacity	2W(max)
Operation temperature	-40 ~ +85 °C
Storage temperature	-40 ~ +85 °C

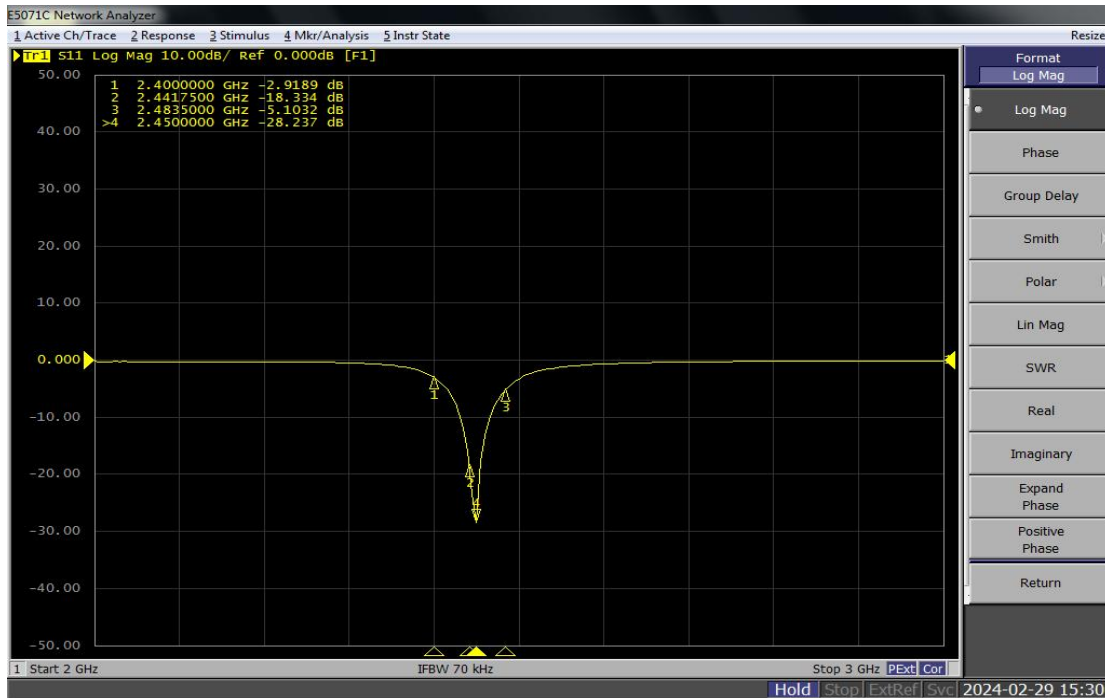
Antenna Photo & Length (mm)

L=31mm

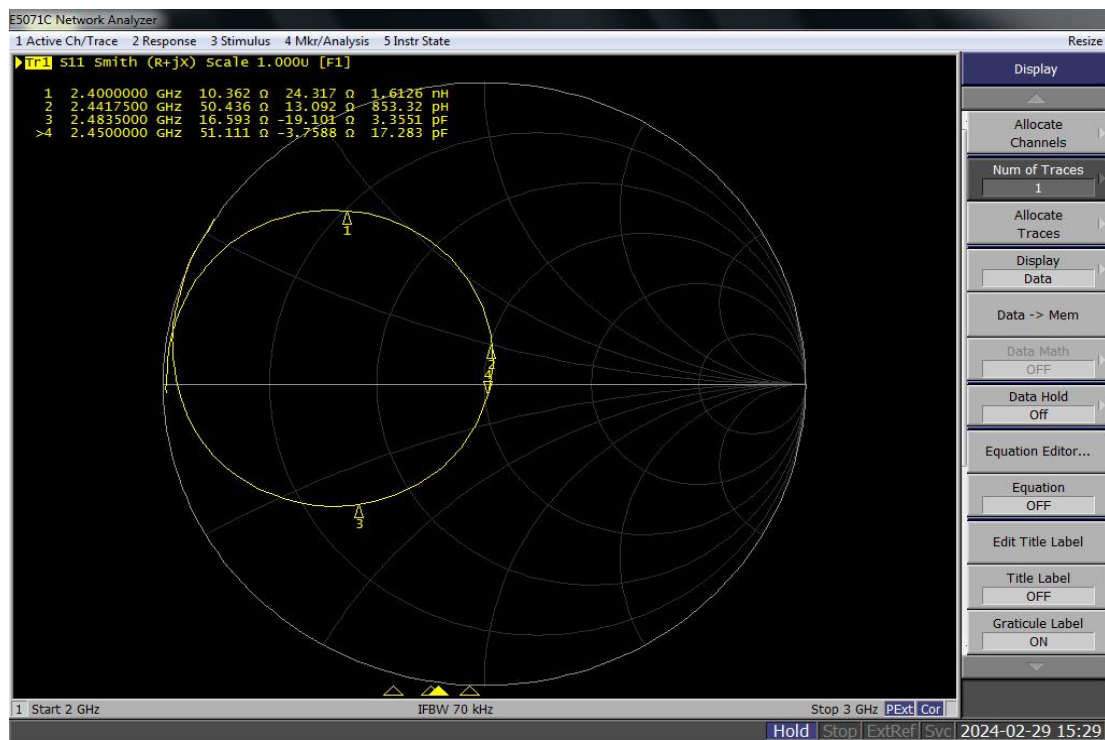


2、 Measurement Results

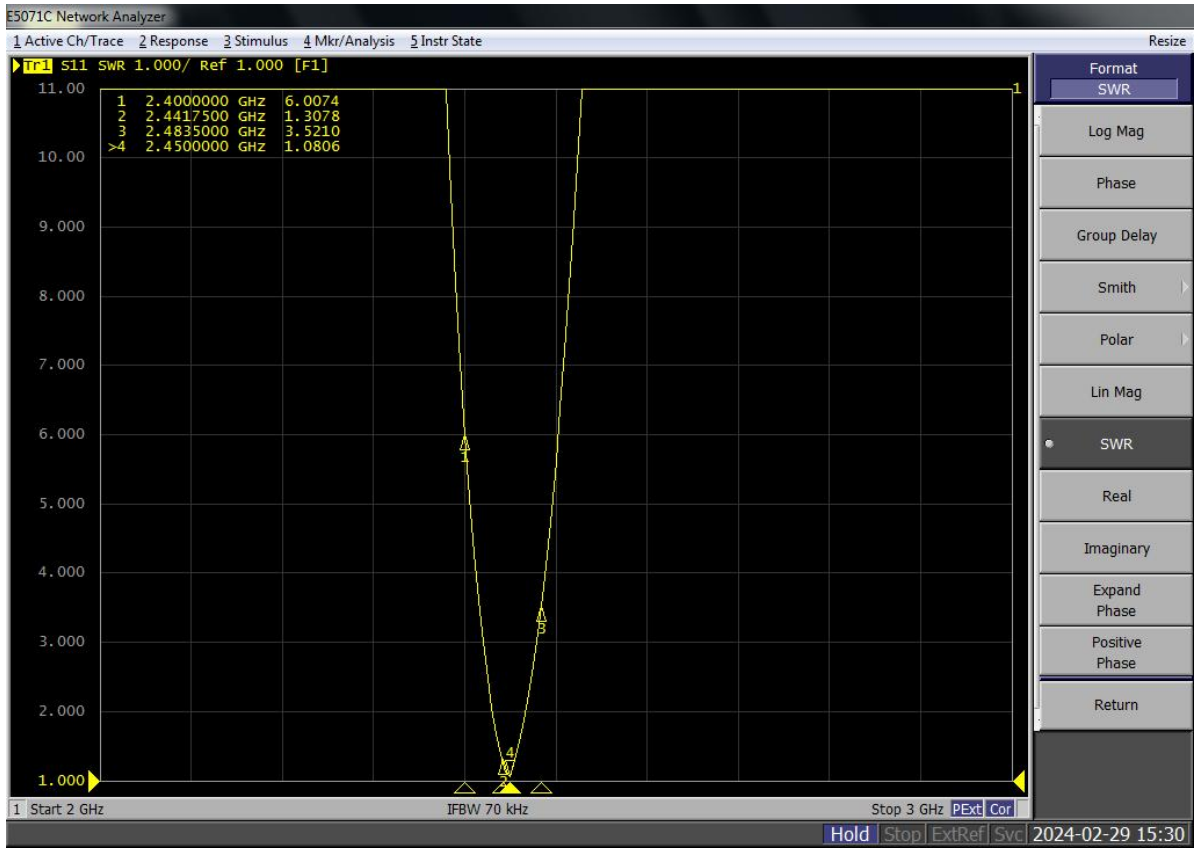
S11 Log Mag :



S11 Smith R+jx :



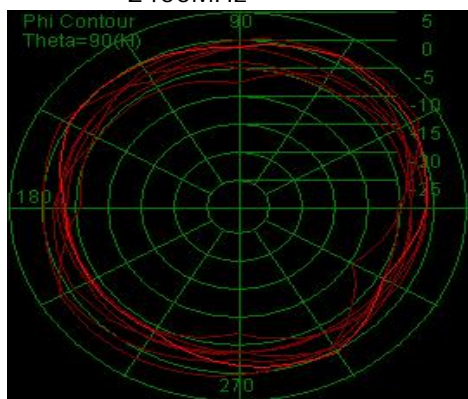
S11 SWR :



Unit: dBi

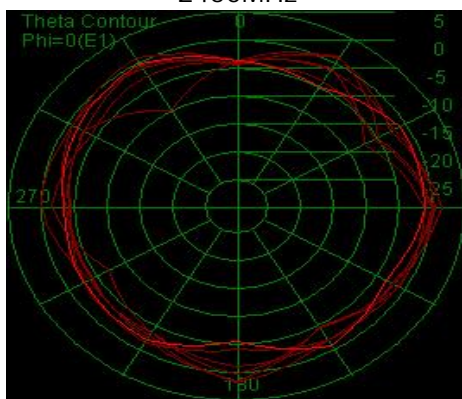
H
XY轴

2400MHz



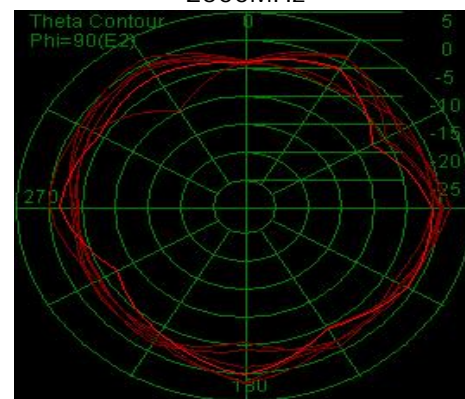
V
XZ轴

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	1.77	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%