

Approval Letter

Customer: YINUO-LINK CO.,LTD

Product Name: Y6 Omnidirectional Blade Antenna/2.4G 5DB Integrated White Antenna Length 170MM

Product Item: YN-G0027

Manufacturer P/N: SFANT12A13384

Samples Quantity: 5PCS

Engineer	Approval	Approval	Samples Date
Biao	Lisen	Amy	2022.06.20

Customer Approval:

Approval	Approval	Approval	Approval Date
Dick	Jack	Nison	2022.07.08

Approval Situation: ☒ New Product ☐ Product Change

Approval Item: ☐ 3 Approval Letter ☐ 5PCS Samples

Approval Result: ☒ PASS ☐ No

ShenZhen XinErSheng Technology Co.,Ltd

Address: 3F,Bldg D, No.96 Lingxia Road, Fourth Industrial Zone, Fenghuang, Fuyong, Baoan, Shenzhen, China

Tel: 0755-33881455

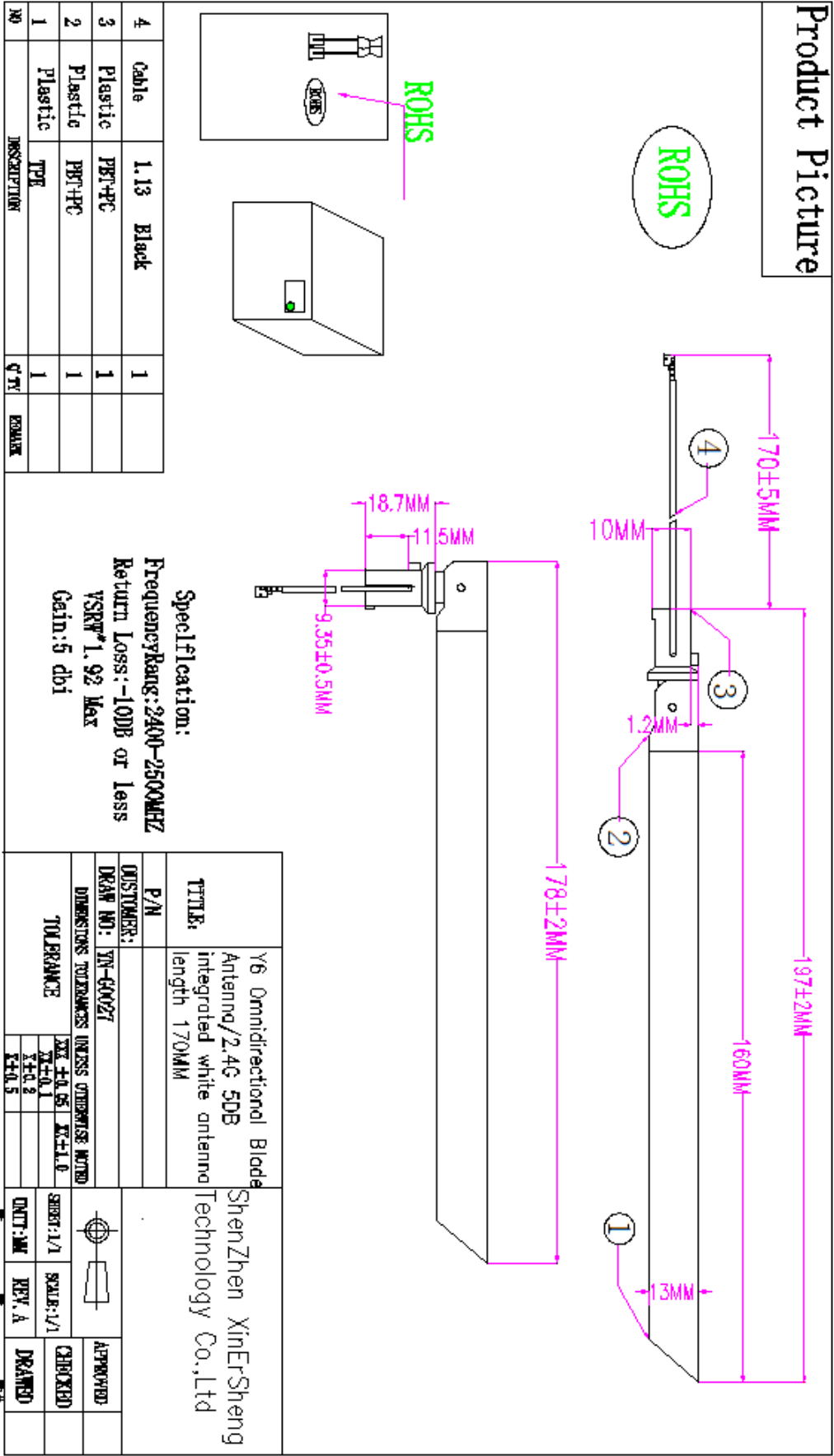
Fax: 0755-33233276

Email: liqinghui@sufeitech.com

Technical Parameters

Frequency Range(MHZ)	2400-2483
Impedance(Ω)	50 ± 10
Gain(dBi)	5 ± 1
ReTurnLoss(dB)	≤ -10
VSWR	≤ 1.92
Admitted Power	1W
Admitted Power	1W
Polarization	Linear Vertical
Connector Type	IPEX
Antenna Base	TPE
Operating Temp	-20°C-+60°C
Storage Temp	-20°C-+70°C

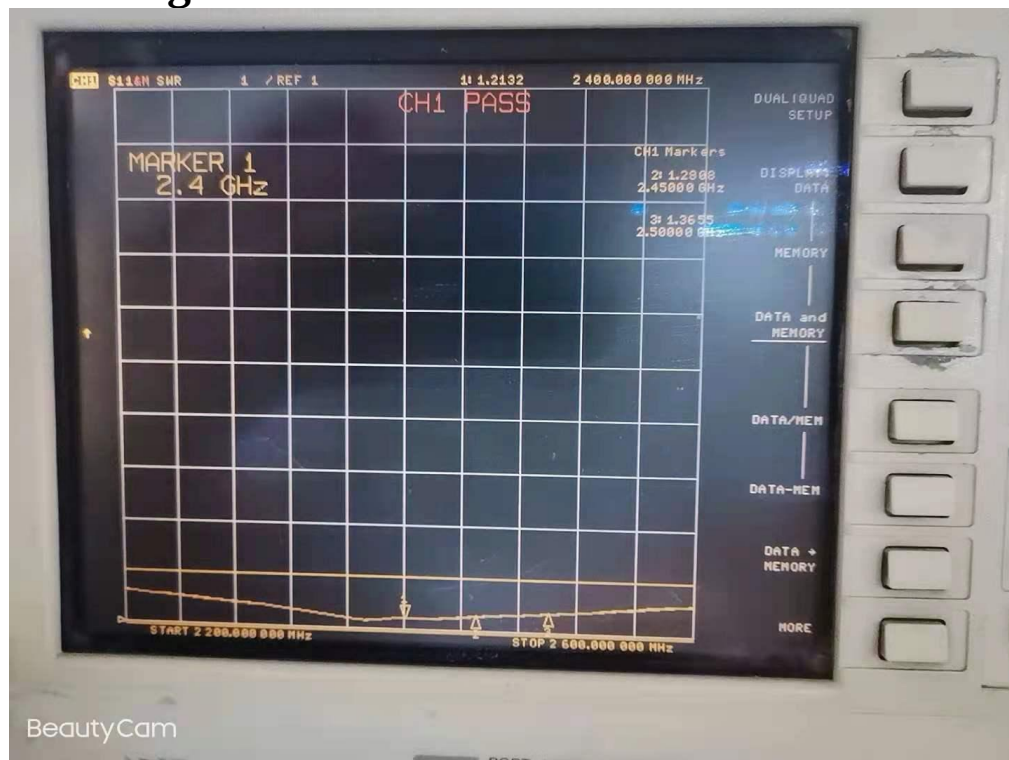
Antennas Drawing



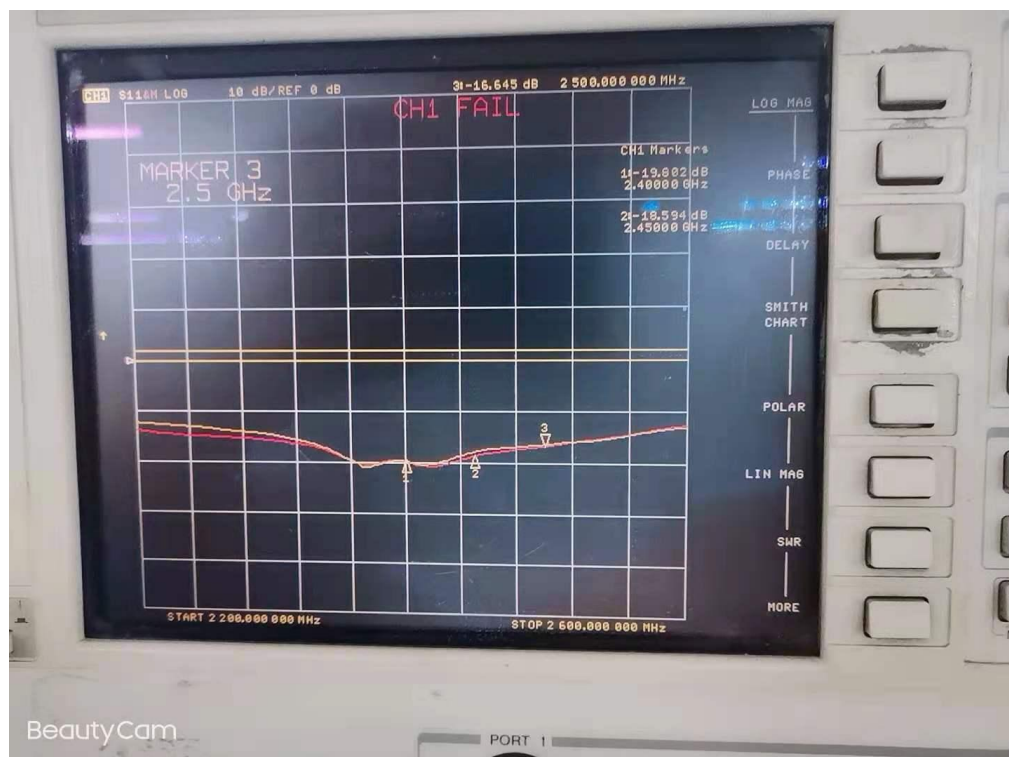
Testing Report:

Network Analyzer Test Report:

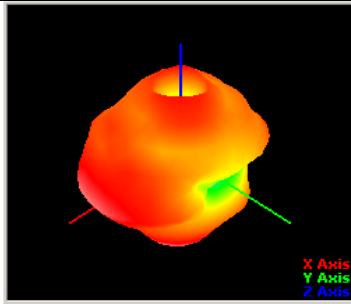
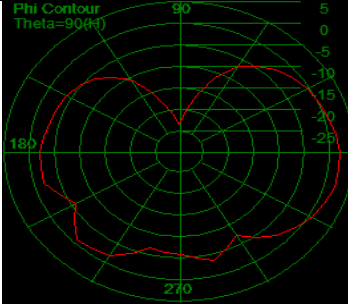
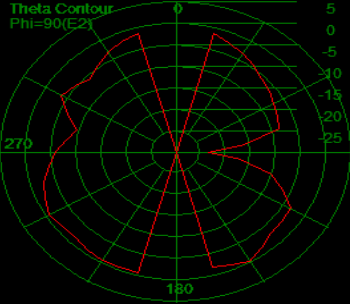
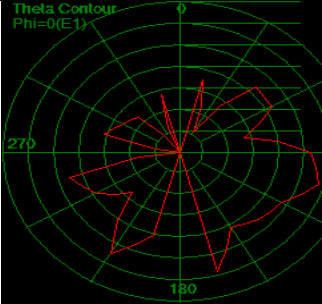
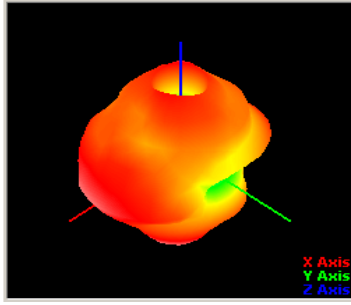
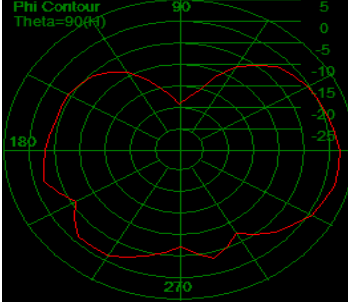
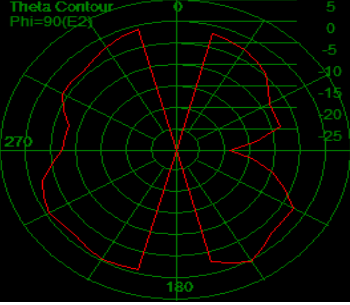
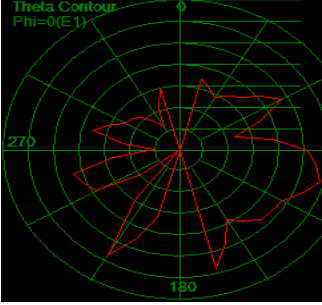
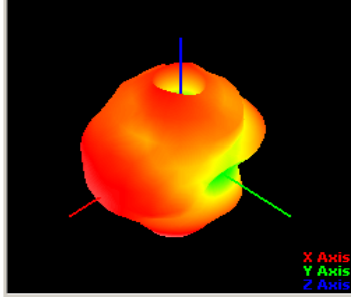
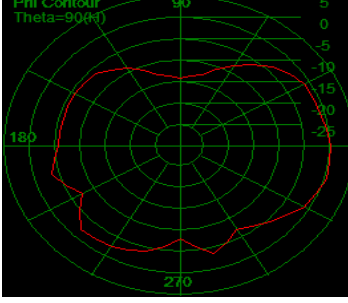
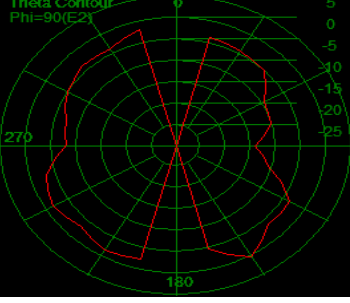
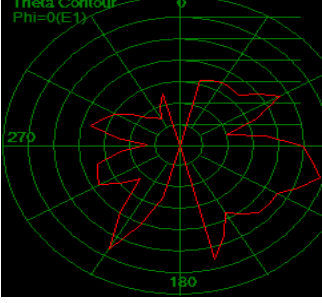
Standing Wave Ratio



Return Loss



2D/3DRaditation Pattern

			
2.4G	Gain(Peak):4.83dBi		Efficiency:75.2%
			
2.45G	Gain(Peak):4.97dBi		Efficiency:77.5%
			
2.5G	Gain(Peak):4.91dBi		Efficiency:72.3%

Approval Letter

Customer : YINUO-LINK CO.,LTD

Product Name: Y6 Omnidirectional Blade Antenna/2.4G 5DB Integrated White Antenna Length 90MM

Product Item: YN-G0031

Manufacturer P/N: SFANT12A13383

Samples Quantity: 5PCS

Engineer	Approval	Approval	Samples Date
Biao	Lisen	Amy	2022.06.20

Customer Approval:

Approval	Approval	Approval	Approval Date
Dick	Jack	Nison	2022.07.08

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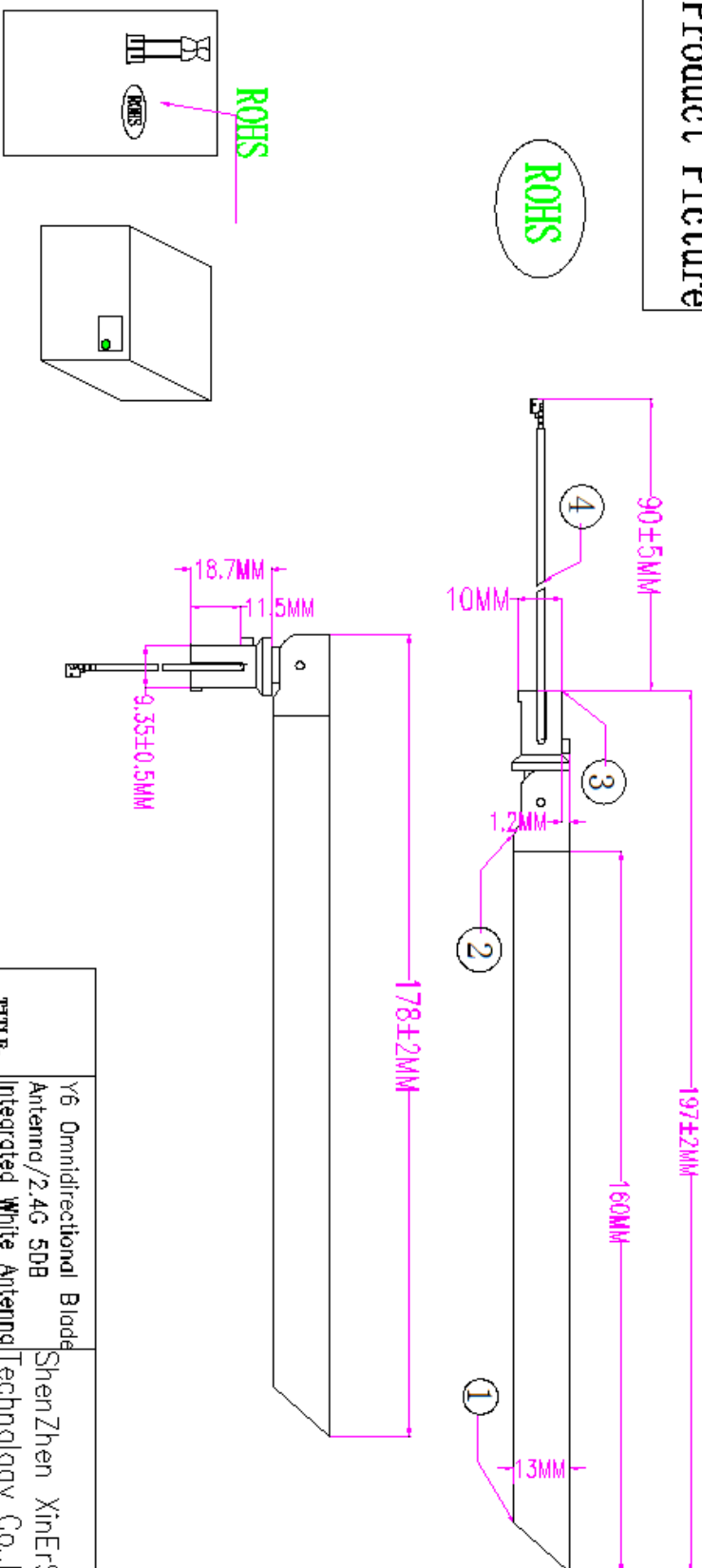
Email: liqinghui@sufitech.com

Technical Parameters

Frequency Range(MHZ)	2400-2483
Impedance(Ω)	50 $\pm$ 10
Gain(dBi)	5 $\pm$ 1
ReTurnLoss(dB)	$\leq$ -10
VSWR	$\leq$ 1.92
Admitted Power	1W
Polarization	Linear Vertical
Connector Type	IPEX
Antenna Base	TPE
Operating Temp	-20°C -+60°C
Storage Temp	-20°C -+70°C

Antennas Drawing

Product Picture



4	Cable	1.13	Black	1	
3	Plastic	PBT+PC		1	
2	Plastic	PBT+PC		1	
1	Plastic	TPR		1	
NO	DESCRIPTION			Q'TY	REMARK

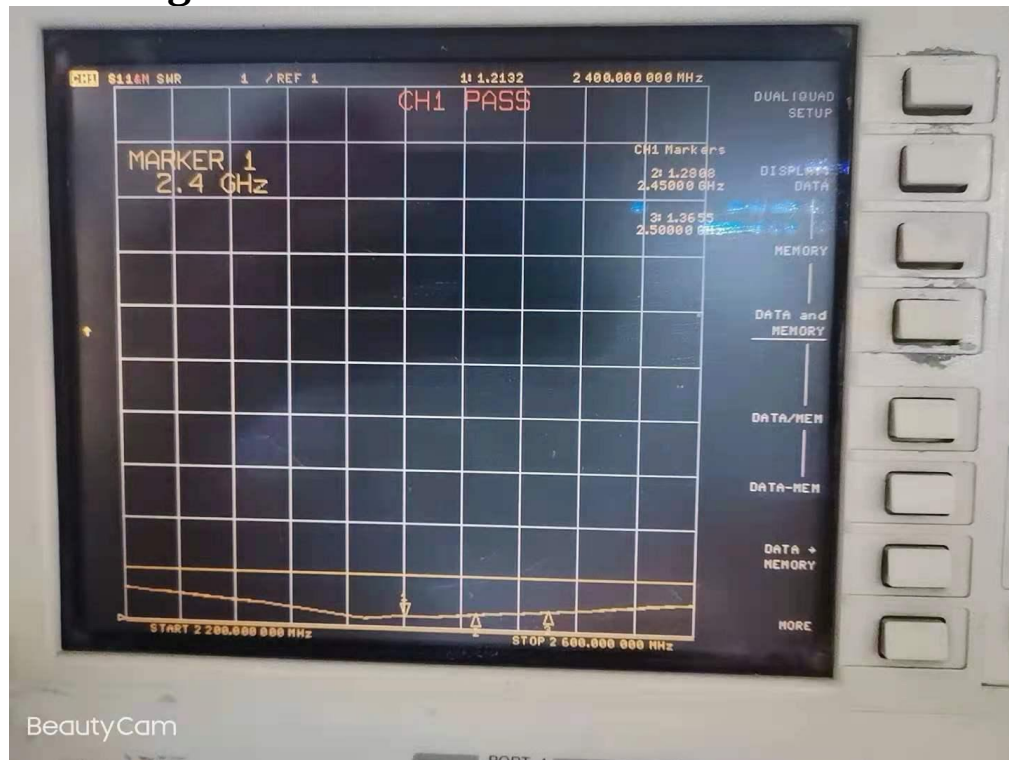
Specification:
Frequency Range: 2400-2500MHz
Return Loss: -10dB or less
VSWR: 1.92 Max
Gain: 5 dbi

P/N		Y6 Omnidirectional Blade Antenna/2.4G 5DB Integrated White Antenna Length 90MM	
CUSTOMER:		ShenZhen XinErSheng Technology Co.,Ltd	
DRAW NO.: YN-G0031		APPROVED	
DIMENSIONS TOLERANCES UNLESS OTHERWISE NOTED			
TOLERANCE		CHECKED	
XXX ± 0.05 MAX 1.0		SHEET: 1/1	
XX ± 0.1		SCALE: 1/1	
X ± 0.2		DWT: MM	
X ± 0.5		REV. A	
		DRAWED	

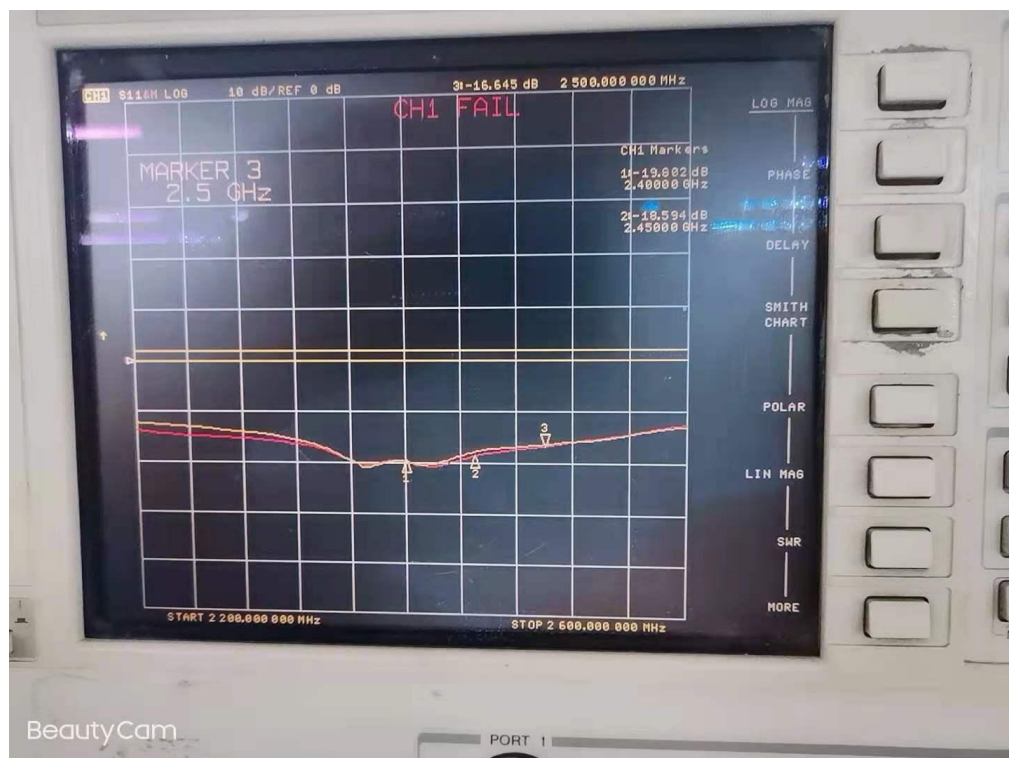
Testing Report:

Network Analyzer Test Report:

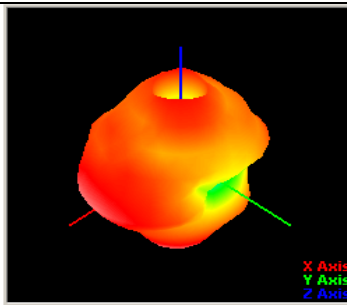
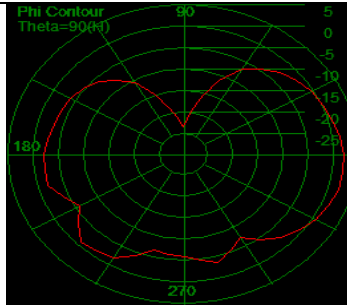
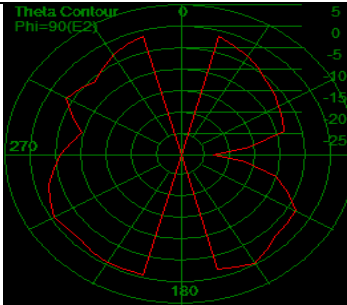
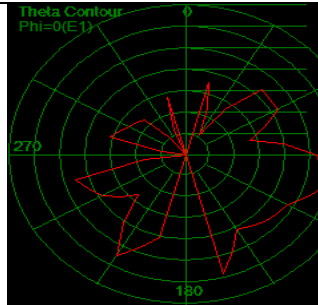
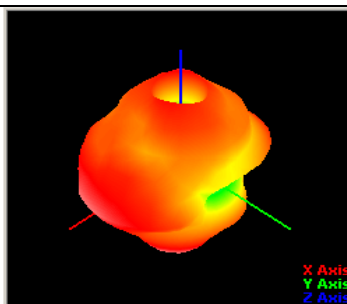
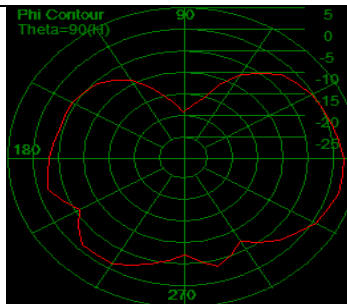
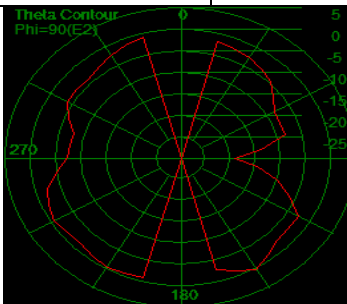
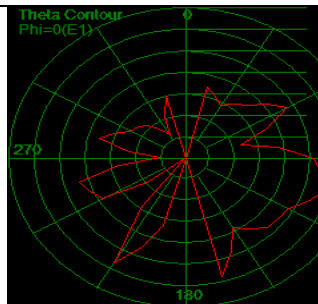
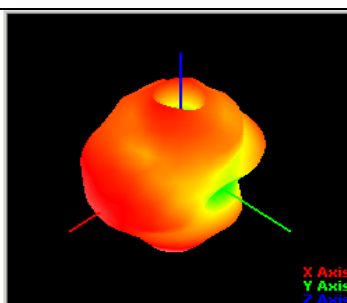
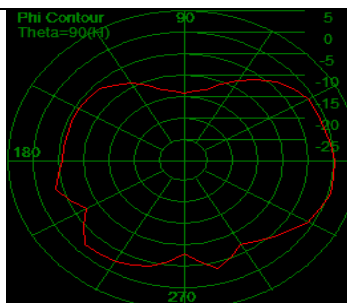
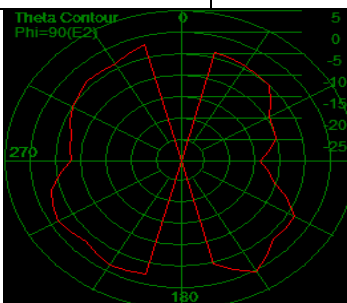
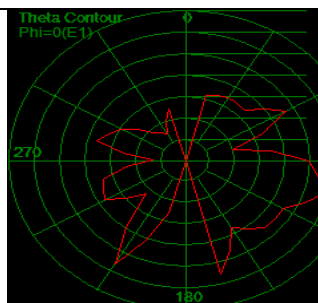
Standing Wave Ratio



Return Loss



2D/3D Raditation Pattern

 X Axis Y Axis Z Axis	 Phi Contour Theta=90(E1)	 Theta Contour Phi=90(E2)	 Theta Contour Phi=0(E1)
2.4G	Gain(Peak):4.96dBi		Efficiency:76.4%
 X Axis Y Axis Z Axis	 Phi Contour Theta=90(E1)	 Theta Contour Phi=90(E2)	 Theta Contour Phi=0(E1)
2.45G	Gain(Peak):5.12dBi		Efficiency:78.3%
 X Axis Y Axis Z Axis	 Phi Contour Theta=90(E1)	 Theta Contour Phi=90(E2)	 Theta Contour Phi=0(E1)
2.5G	Gain(Peak):5.01dBi		Efficiency:74.3%