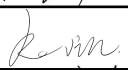


SHENZHEN YCT ELECTRONIC CO..LTD

SPECIFICATION FOR APPROVAL

PRODUCT NAME: 2.4G Copper tube antenna

P/N: QY106-21C0002A REV:A

	MANUFACTURER SIGNATURE
CHECKED BY:	
AUDITOR BY:	
APPROVED BY:	
DATE:	12.03.2024

Company Add:
No. 24, Wugang Road, Xikeng Community, Henggang Town, Longgang District, Shenzhen

Contents

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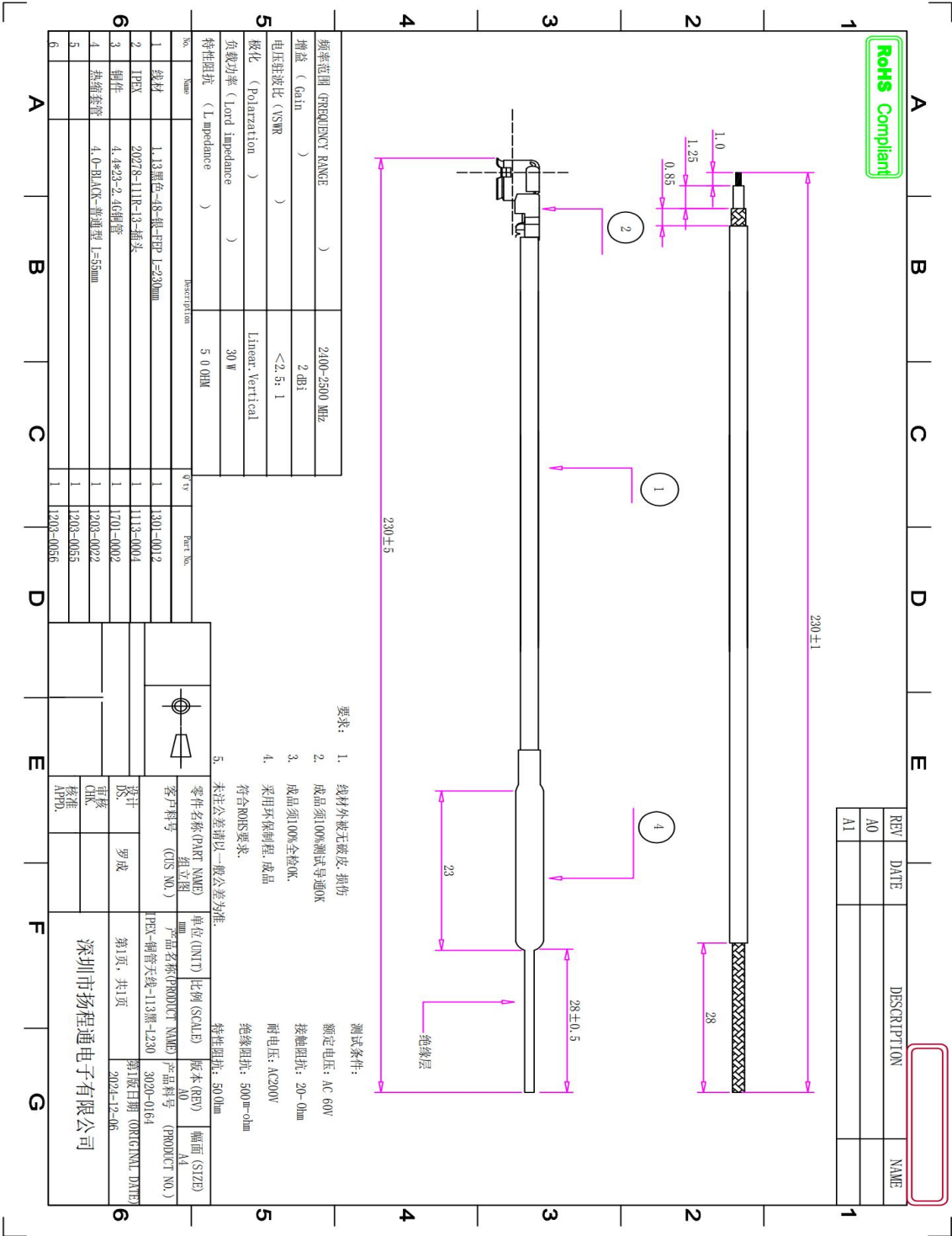
Product Picture



Product Specifications

Main technical specifications	
Frequency Range	2.4~2.5GHz
Impedance(Ω)	50
Peak Gain(dBi)	3.38 dBi
VSWR	≤ 2.0
Admitted Power	50W
Polarization	Linear,Vertical
Radiation	Omni-directional
ConnectorType	IPEX
Physical Properties	
Antenna cable	
Operating Temp	-55℃~+200℃
Storage Temp	-55℃~+200℃

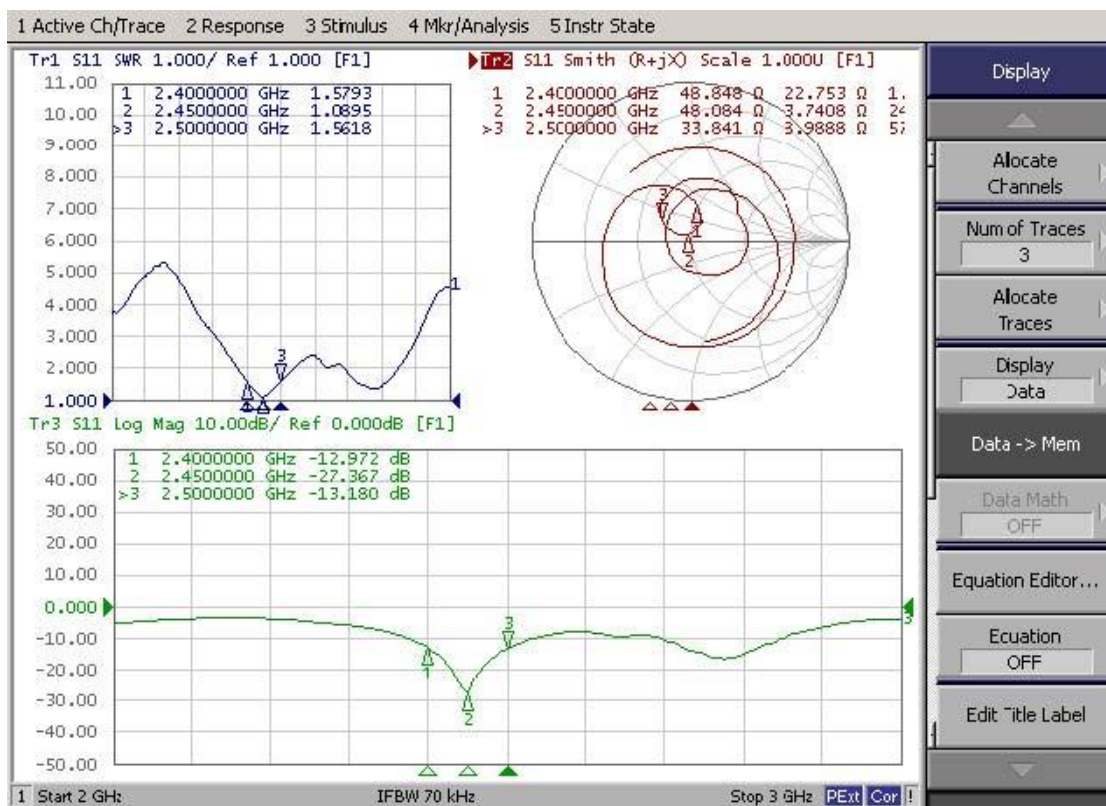
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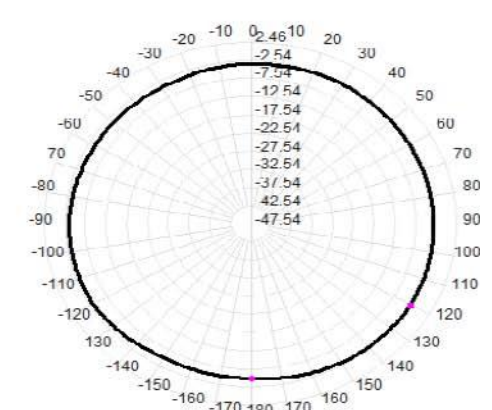
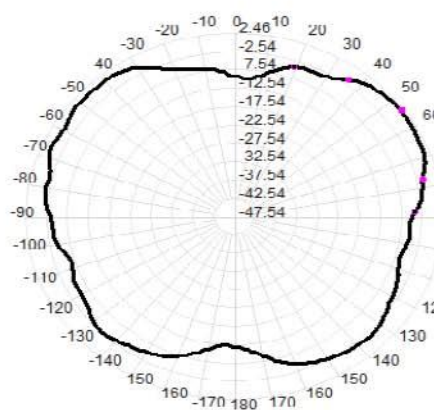
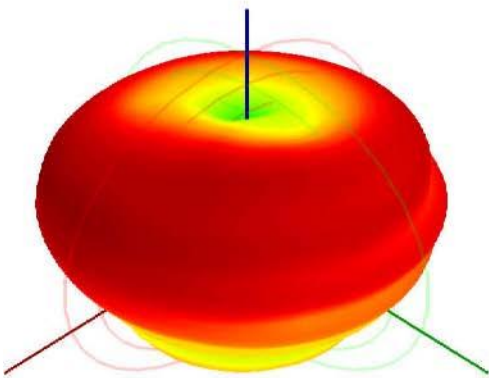
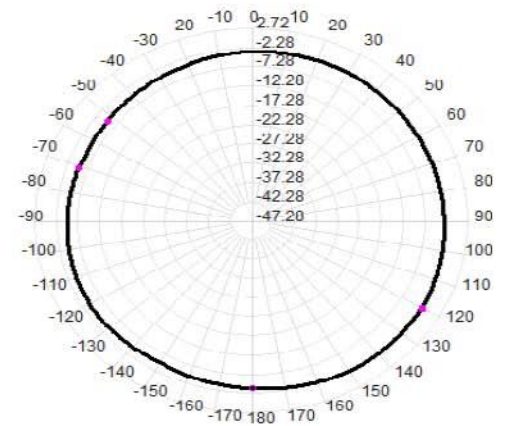
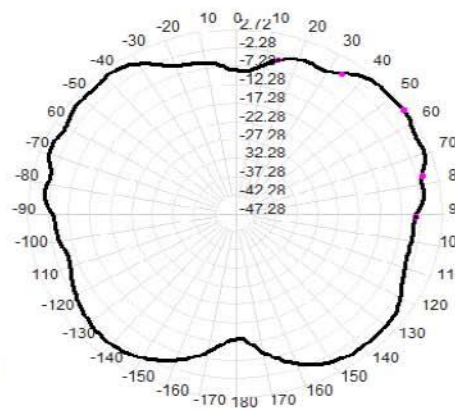
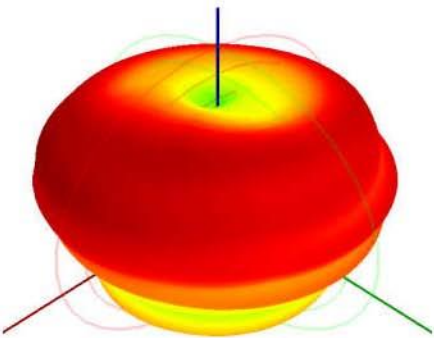
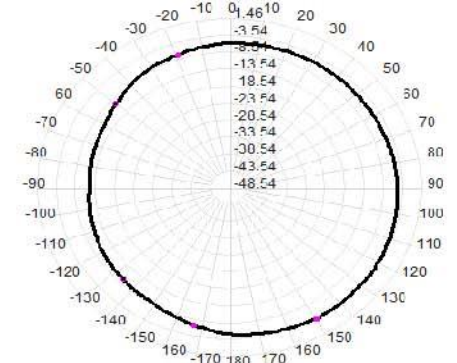
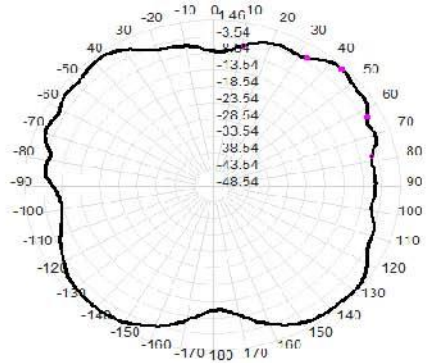
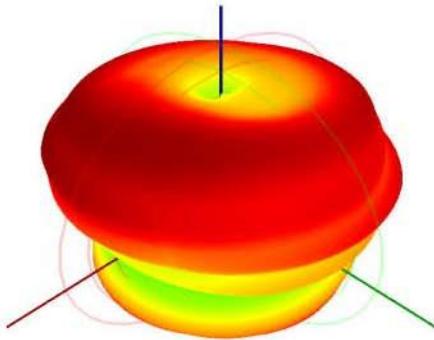
Test Report

1. Network analyzer test report

RFAntennaAssembly
Spec: 2.4~2.5GHz



2. Directional Diagram



3. Gain Efficiency Data

Frequency (MHz)	2400.0	2410.0	2420.0	2430.0	2440.0	2450.0	2460.0	2470.0	2480.0	2490.0	2500.0
Efficiency (dBi)	-2.71	-2.67	-2.74	-2.58	-2.15	-2.04	-1.63	-1.44	-1.58	-1.76	-1.81
Gain (dBi)	1.59	1.72	1.90	2.25	2.81	3.14	3.38	3.23	2.77	2.65	2.66
Efficiency (%)	53.61	54.11	53.17	55.15	60.99	62.48	68.66	71.71	69.49	66.61	65.85