



ShenZhen XinErSheng Technology Co.,Ltd

SPECIFICATION FOR APPROVAL

Client's name: Caddx Technology (Shenzhen) Co., Ltd.

Product name: WIFI FPC antenna 1.13 black wire leaking L-70MM buckle (412-21)

Customer No: M.TX005

Factory No: SFANT11B13541

Sample quantity: 5PCS

Tabulation	Audit	Approval	Sample delivery
Biao	Lisen	Amy	2023.10.18

Address:13/F, Minrray Building, No. 5 Ganli Sixth Road, Jihua Street,
Longgang District, Shenzhen City, Guangdong Province, China.

Tel: 0755-33881455

Fax: 0755-33233276

Email: liqinghui@xinershengant.com

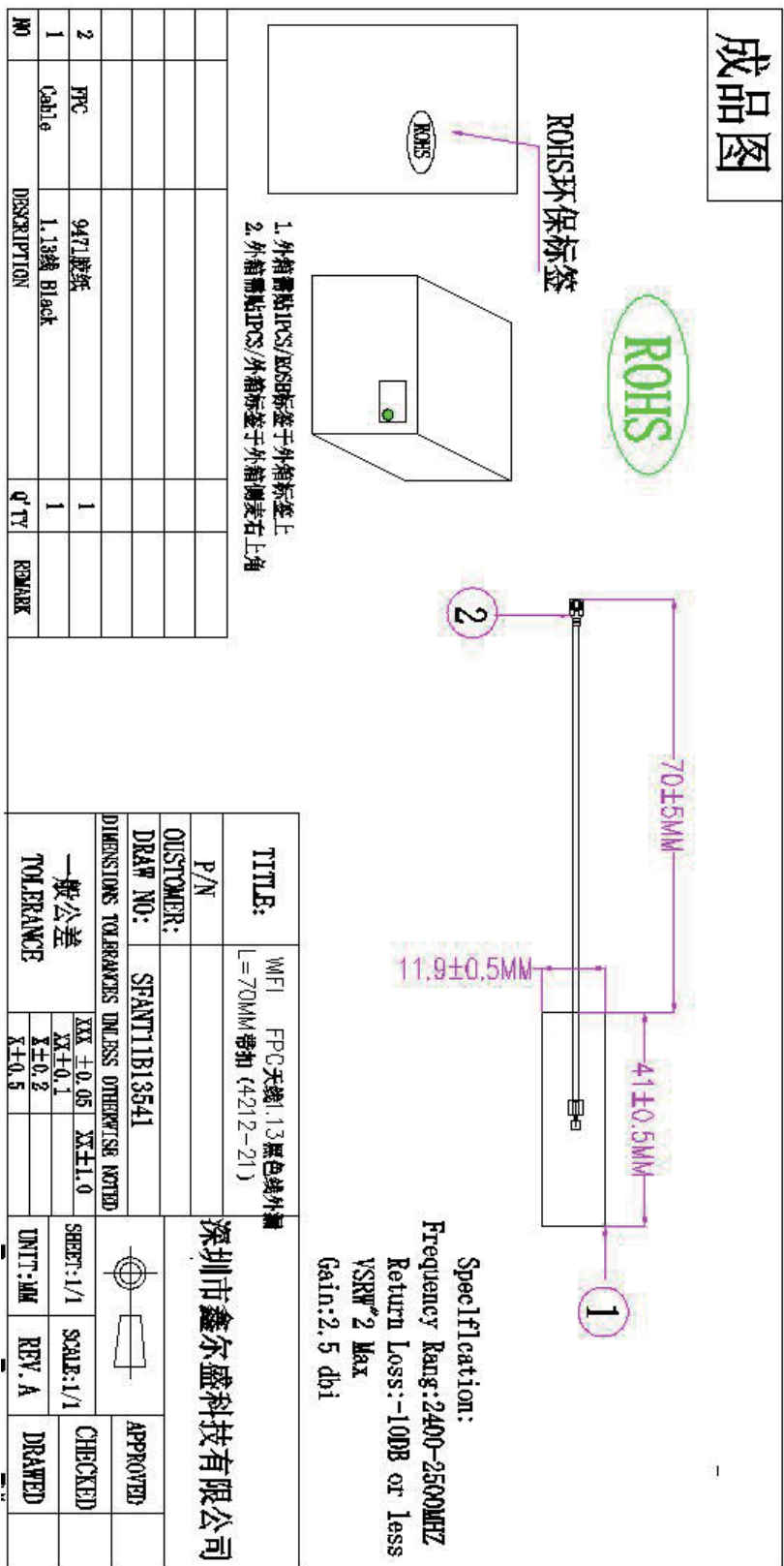
Main technical specifications	
Frequency Range(MHZ)	2400-2500
Impedance(Ω)	50 ± 10
Gain(dBi)	2.5 ± 1
ReTurnLoss(dB)	≤ -10
VSWR	≤ 2
Polarization	Linear Vertical
Connector Type	IPEX
Physical Properties	
Antenna Base	FPC
Operating Temp	$-20^{\circ}\text{C} - +60^{\circ}\text{C}$
Storage Temp	$-20^{\circ}\text{C} - +70^{\circ}\text{C}$

Raw materials list:

Number		Main material	Quantity	Unit	Remark
1	FPC	Double-sided tape + black covering film	1	PCS	
2	1.13 line	1.13 line	1	PCS	
3	IPEX	Copper	1	PCS	

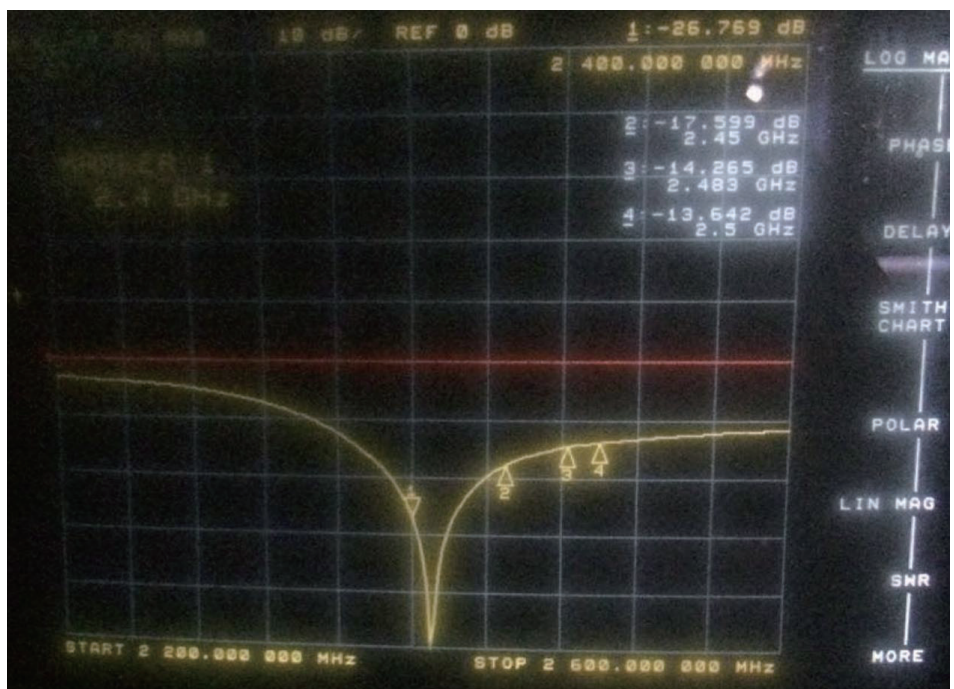
Component Name

Drawing

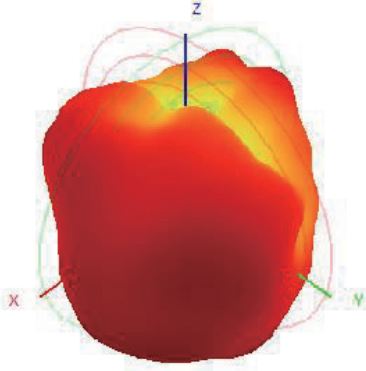
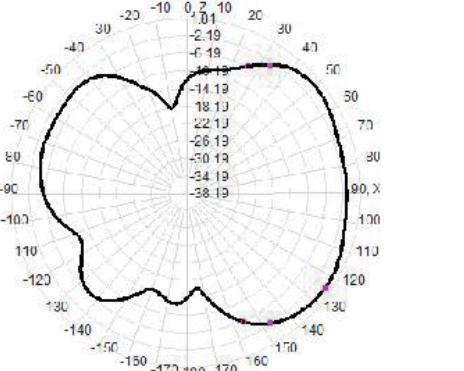
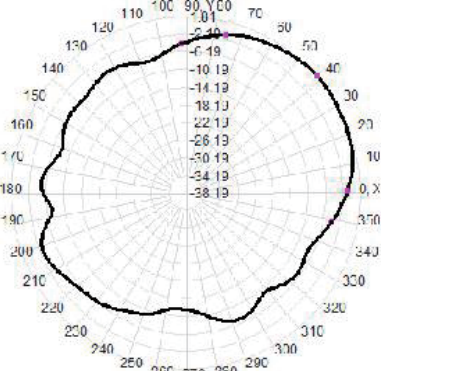
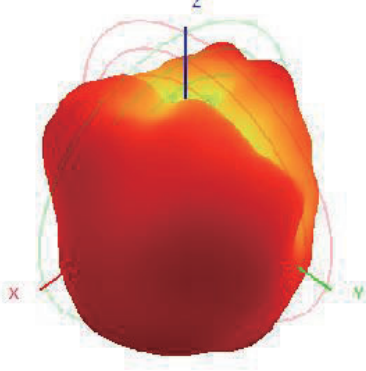
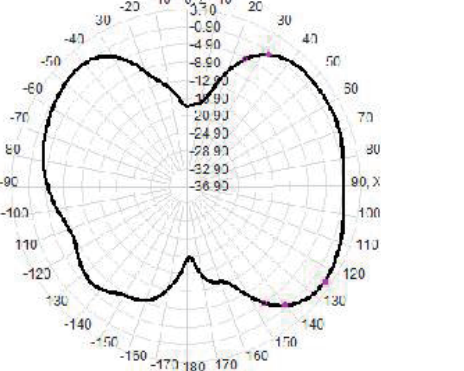
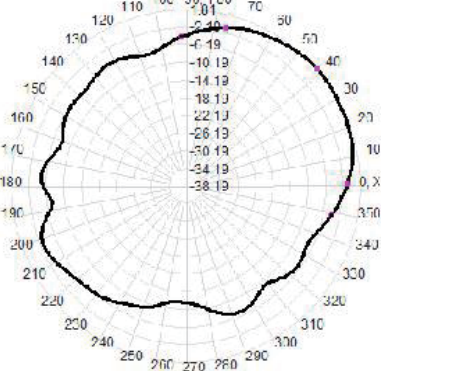
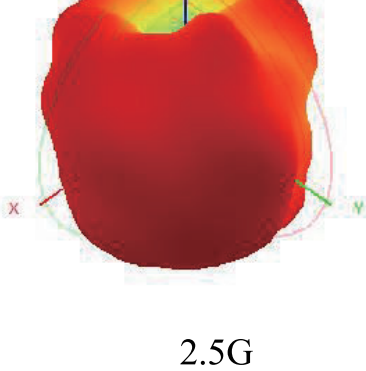
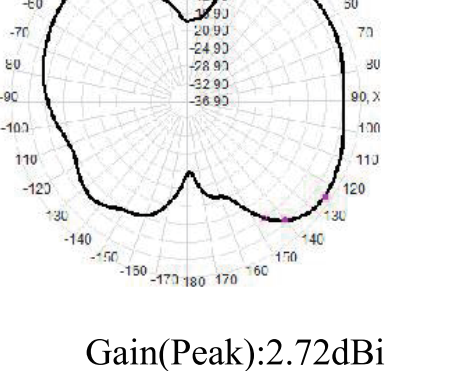
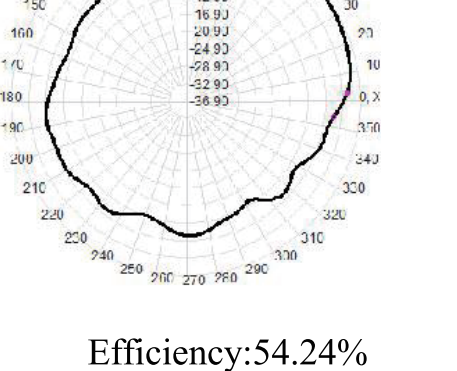


Main parameters of the product

Network Analyzer Test Report:



2D、3DRaditation Pattern

		
2.4G	Gain(Peak):2.41dBi	Efficiency:43.76%
		
2.45G	Gain(Peak):2.64dBi	Efficiency:49.79%
		
2.5G	Gain(Peak):2.72dBi	Efficiency:54.24%