



ShenZhen XinErSheng Technology Co.,Ltd

SPECIFICATION FOR APPROVAL

Customer name: _____

Product name: wifi/BT FPC+Coaxial cable: Wire length 150MM/XES-ANT
XES2314-V1.0

Customer Part
Number: _____

Manufacturers of
Material: 10.1 inch/WIFI antenna

Deliver quantity: 5PCS

Mark	Check	Examine and approve	Datelanded
Biao	Lisen	Amy	2024.06.29

That Customers:

Acknowledge	Check	Examine and approve	Datelanded

Admit that situation: ☒new product ☐ product shanges

Admit that project: ☐acknowledgement ☐soecimen 10PCS

Admit that conclusion: ☐reception ☐refuse

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Main technical parameters of the product

Main technical specifications	
Frequency Range(MHZ)	2400-2500
Impedance(Ω)	50 ± 10
Gain(dBi)	2.5 ± 1
ReTurnLoss(dB)	≤ -10
VSWR	≤ 1.92
Polarization	Linear Vertical
Connector Type	Weld
Physical Properties	
Antenna Base	FPC
Operating Temp	$-20^{\circ}\text{C} - +60^{\circ}\text{C}$
Storage Temp	$-20^{\circ}\text{C} - +70^{\circ}\text{C}$

List of raw materials:

Serial number	Name	Texture	Quantity	Unit	Remark
1	FPC	FPC	1	PCS	
2	wire rod	1.13MM	1	PCS	

Product drawing

Finished product drawing

NO	DESCRIPTION	Q'TY	REMARK
1	Cable	1	
2	FPC	1	

Silk screen text: XES-ANT XES2314-V1.0

Specification:

Frequency Rang: 2400-2500MHZ

Return Loss: -10DB or less

VSWR*1.92 Max

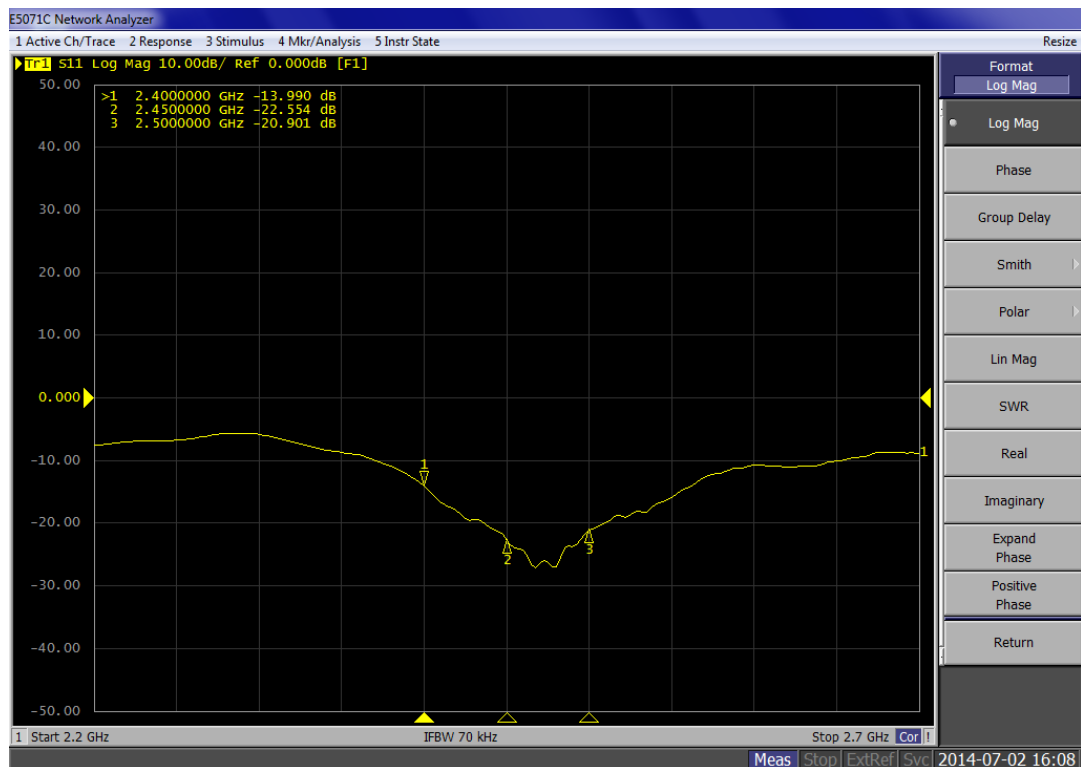
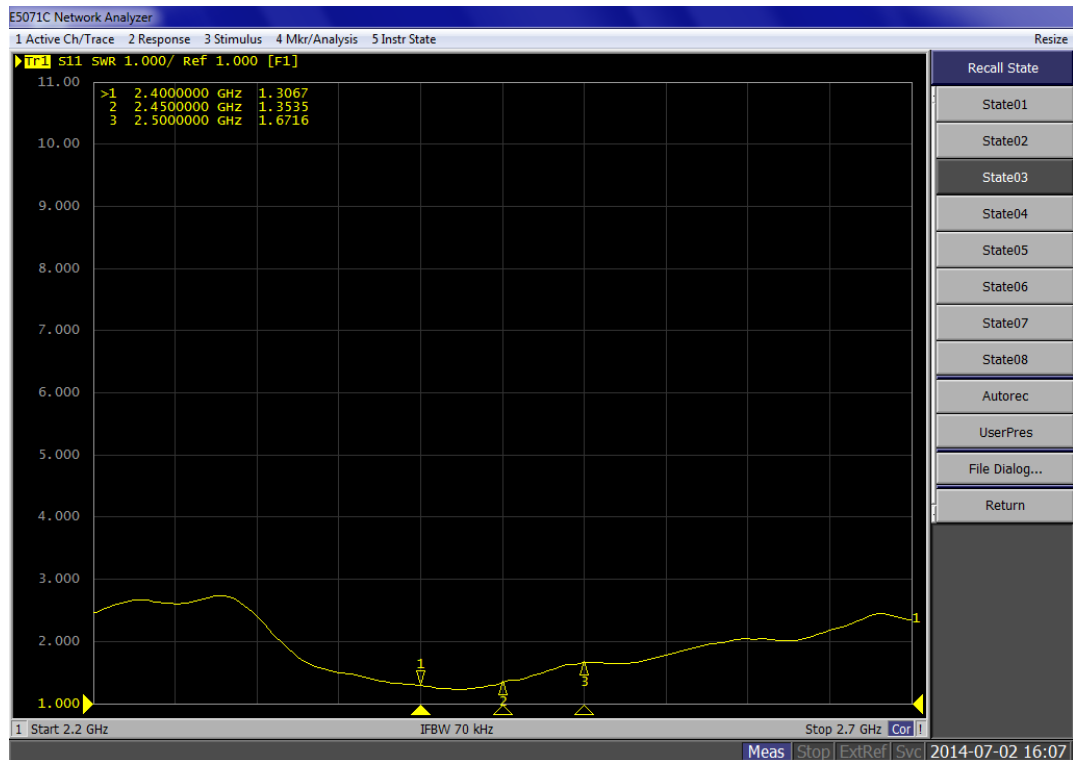
Gain: 2.5 dbi

TITLE:	wifi/BT FPC+Coaxial cable: Wire length 150MM/XES-ANT XES2314-V1.0
P/N	
CUSTOMER:	
DRAW NO:	10.1 inch/WIFI antenno
DIMENSIONS TOLERANCES UNLESS OTHERWISE NOTED	
一般公差 TOLERANCE	XXX ±0.05 XX ±1.0
	XX ±0.1
	X ±0.2
	X ±0.5

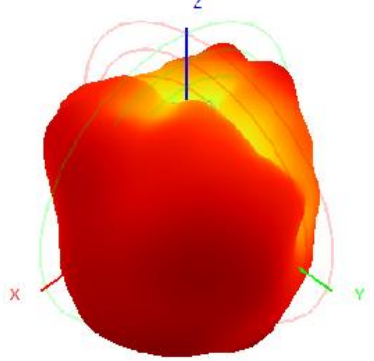
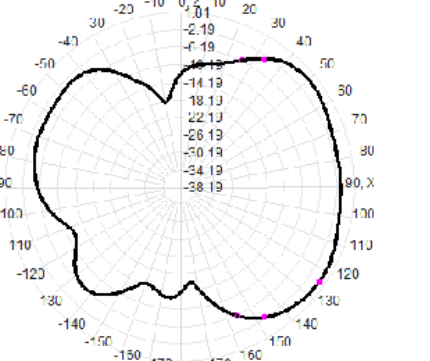
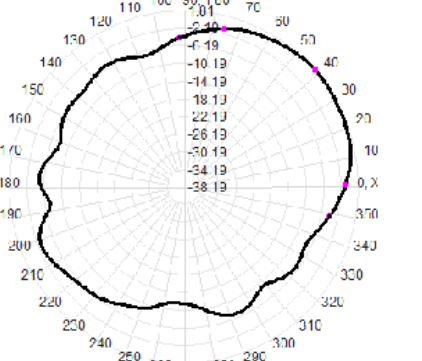
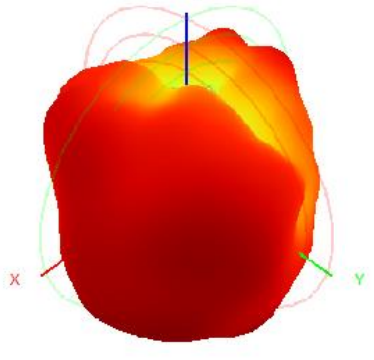
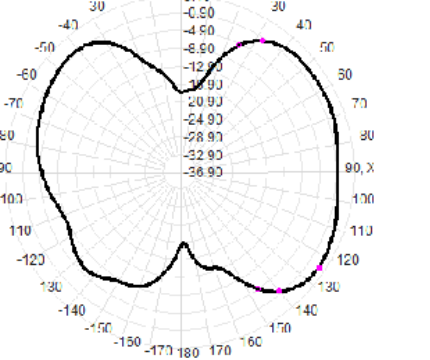
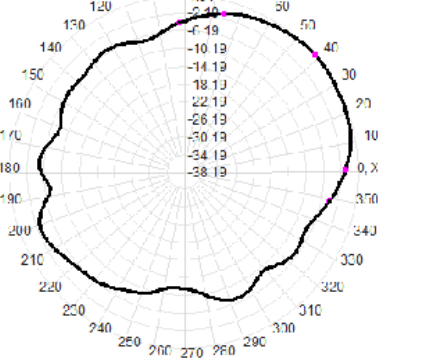
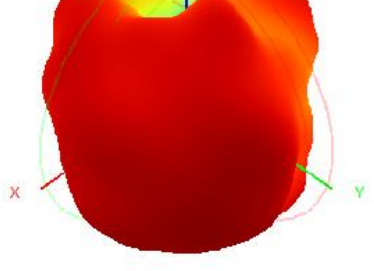
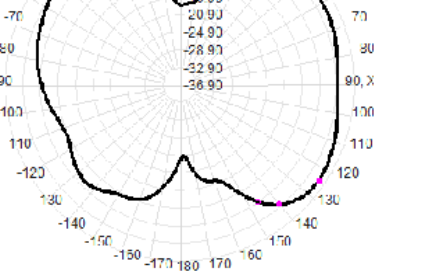
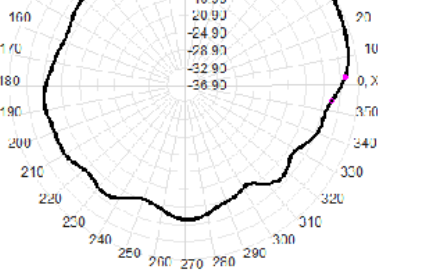
Shenzhen Xindong Technology Co.,Ltd		
 SHEET: 1/1 UNIT: MM	 SCALE: 1/1 REV. A	APPROVED CHECKED DRAWED

Network analyzer test report:

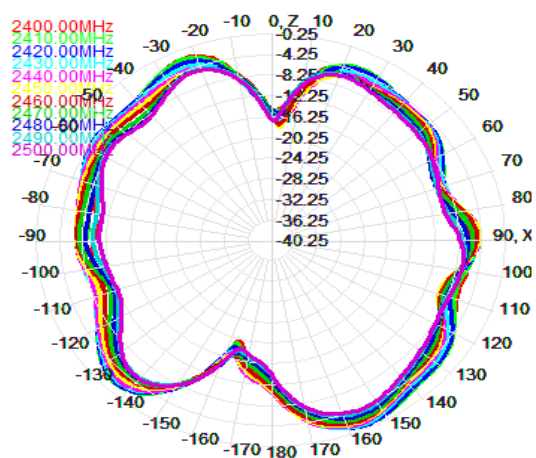
1. SWR:



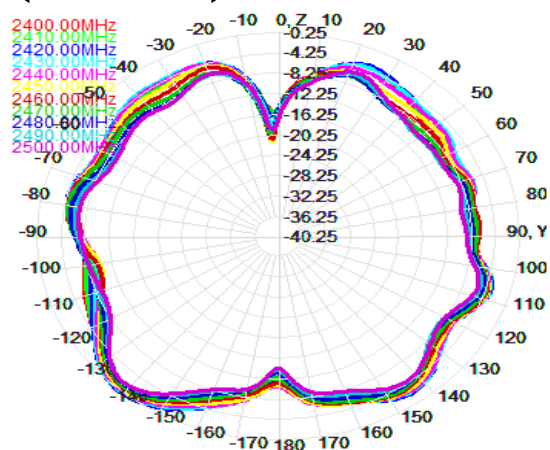
2D、3DRaditation Pattern

		
2.4G	Gain(Peak):2.61dBi	Efficiency:43.76%
		
2.45G	Gain(Peak):2.94dBi	Efficiency:49.79%
		
2.5G	Gain(Peak):2.72dBi	Efficiency:54.24%

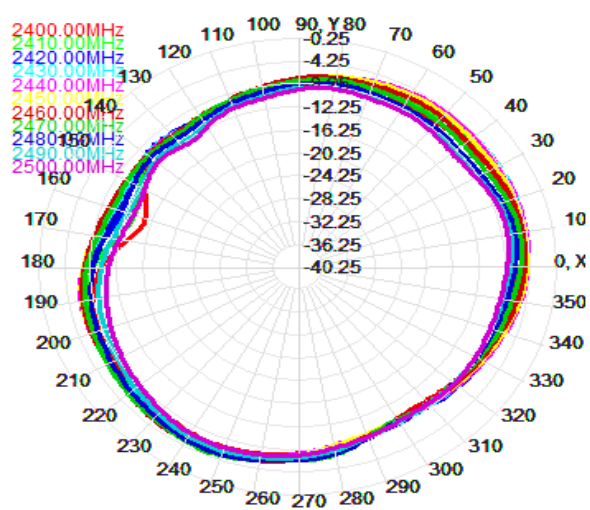
Summary Graph: (E1-XZ)



(E2-YZ)



(H-XY)



Test Pictures:

