FN-LINK TECHNOLOGY Ltd.

Acknowledgment

CUSTOMER APPROVED BY		
Approved by	Checked by	Prepared by
SUPPLIER APPROVED BY		
Approved by	Checked by	Prepared by

Supplier Name: FN-LINK TECHNOLOGY Ltd.

Supplier Address: Office Address: 14th Floor, Block B, Phoenix Zhigu, No.50 Tiezai Road, Gongle Community, Xixiang Street, Baoan District, Shenzhen, China 518000

Supplier Factory: Factory address:No.8, Litong Road, Liuyang Economic & Technical Development Zone, Changsha, Hunan, China 41032

Phone number:86-755-2955-8186
website:www.fn-link.com

antenna testing

Customer	xianzhiwulian
Project Name	
Customer NO.	
specification	FPC antenna WIFI 2.4-5G
Supplier NO.	1AAXZWLGW0-0G57-00
Specification NO.	
Write by	Jack
REV.	Ver.1
Date	2024-1-15
Note	

Version change log				
Change date	Change content	edition	edition	Alteration party

1. Admission book item table (Index)

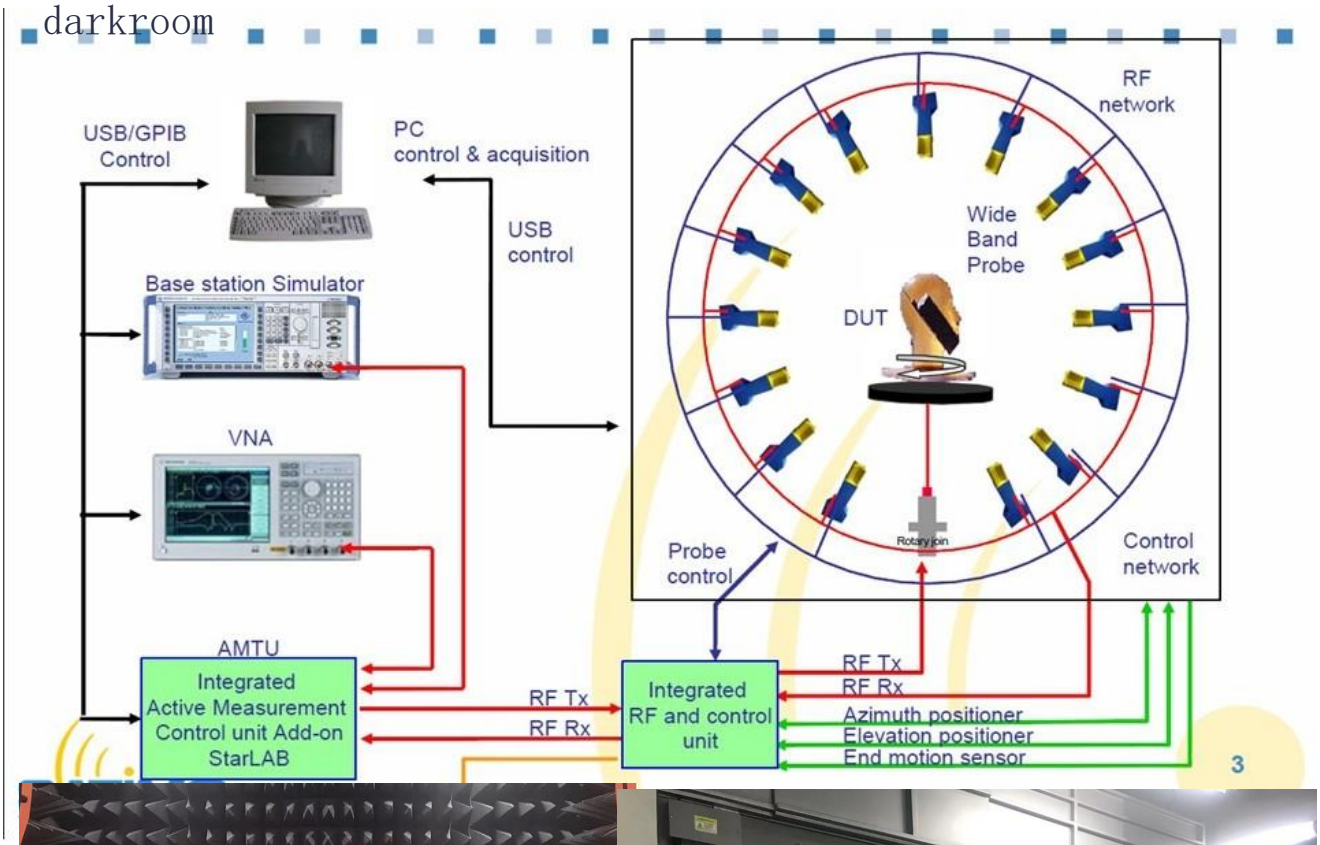
1. Test equipment and conditions

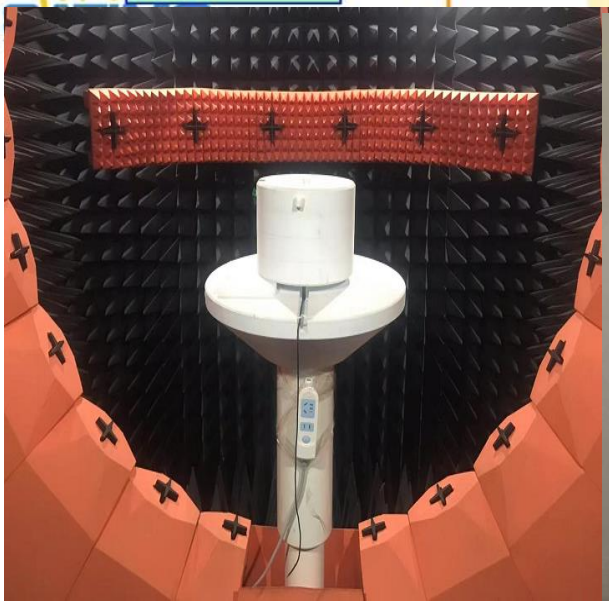
1.1 . Network Analyzers : KEYSIGHT P5002A

1.2 . Communications Test Set: R&S CMW 500

1.3 . 3D Chamber Test System: **24** Probe test system

1. Test schematic diagram of microwave darkroom

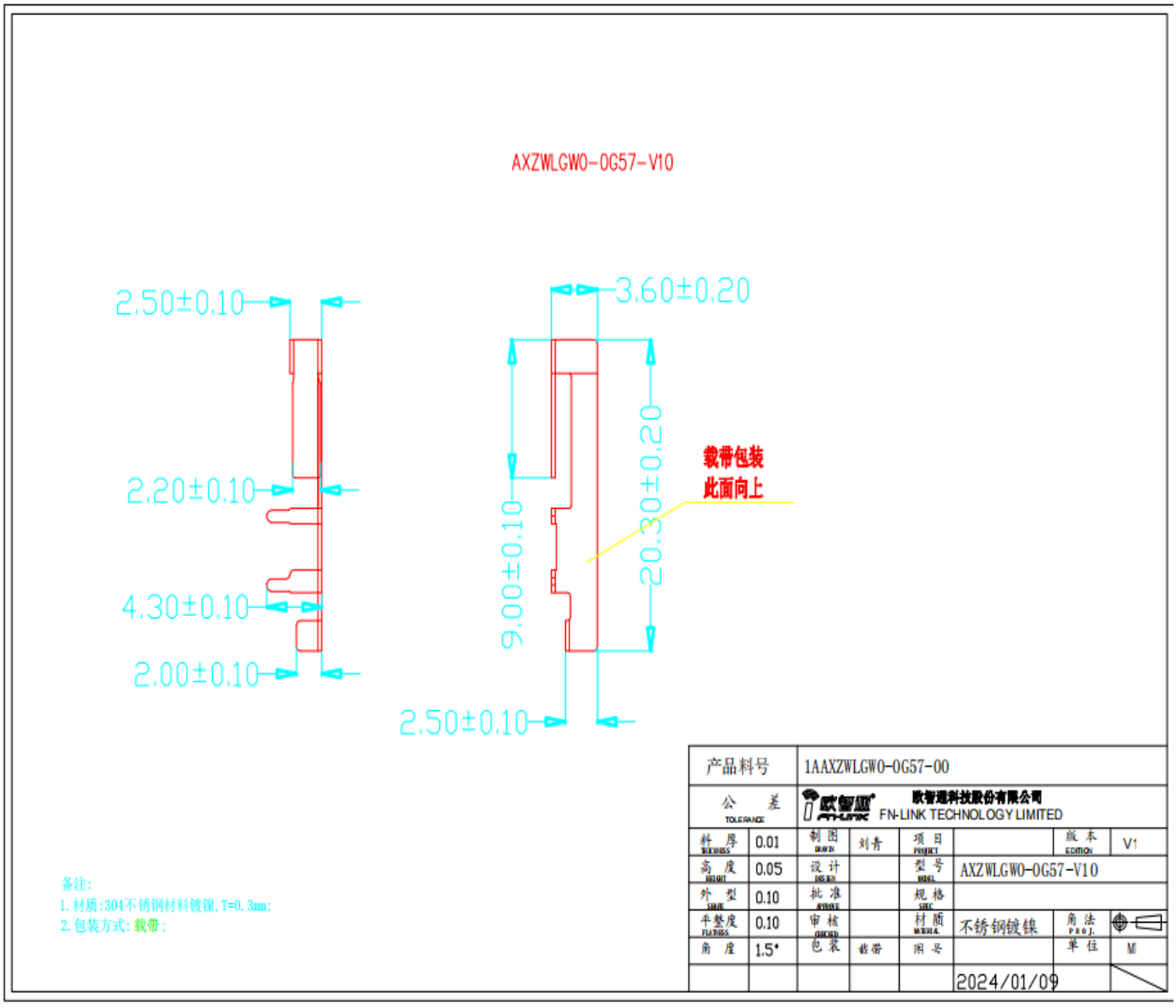




2. Instructions

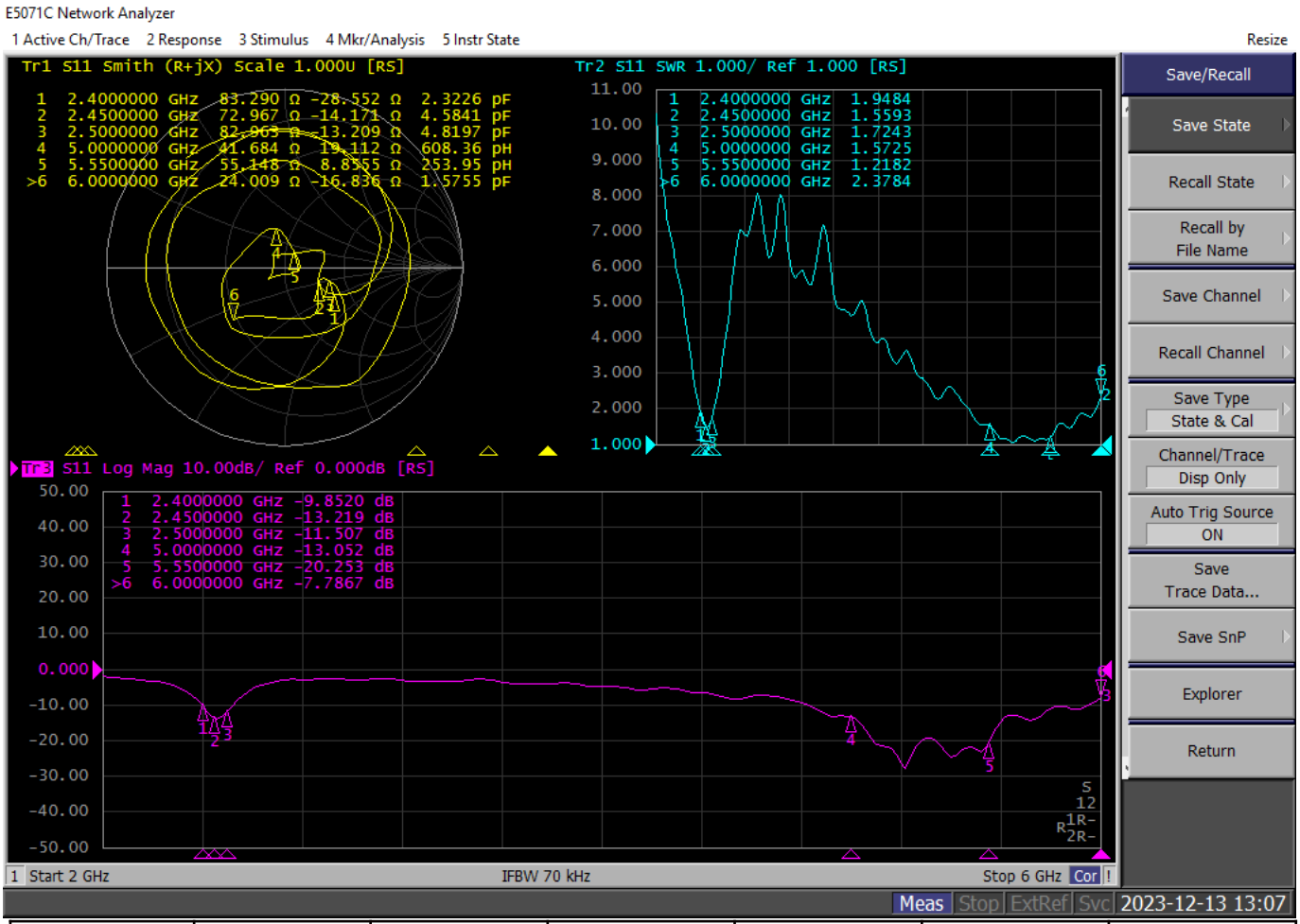
This report summarizes the electrical performance results of the antenna for this project, including the antenna's S11 parameters, Gain and Efficiency.

Antenna size



catalogue

S11

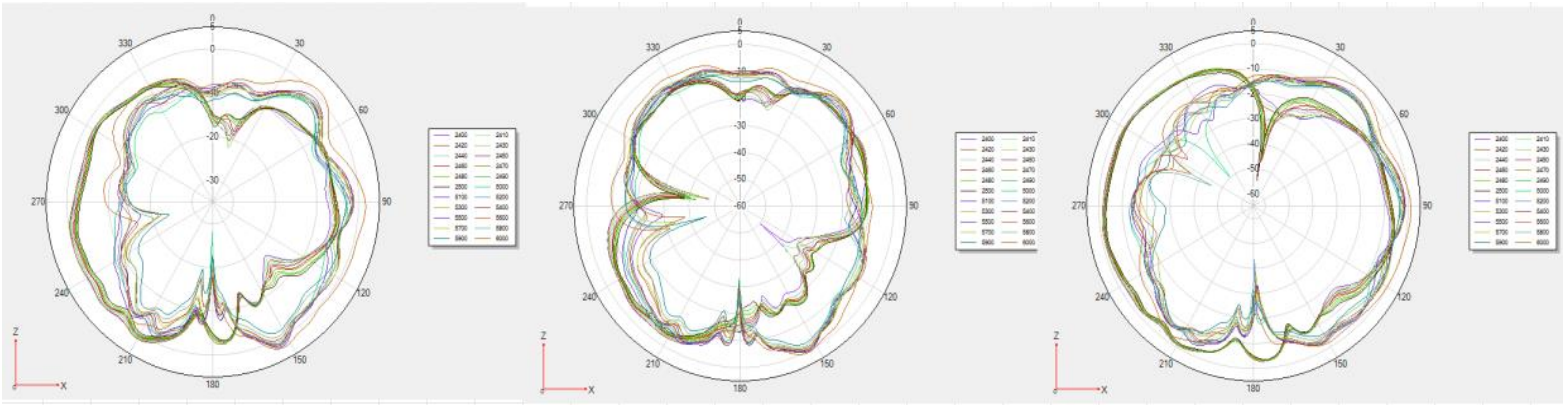


Freq/GHz	2400	2450	2500	5000	5500	5850
VSWR	1.9	1.5	1.7	1.5	1.2	2.3

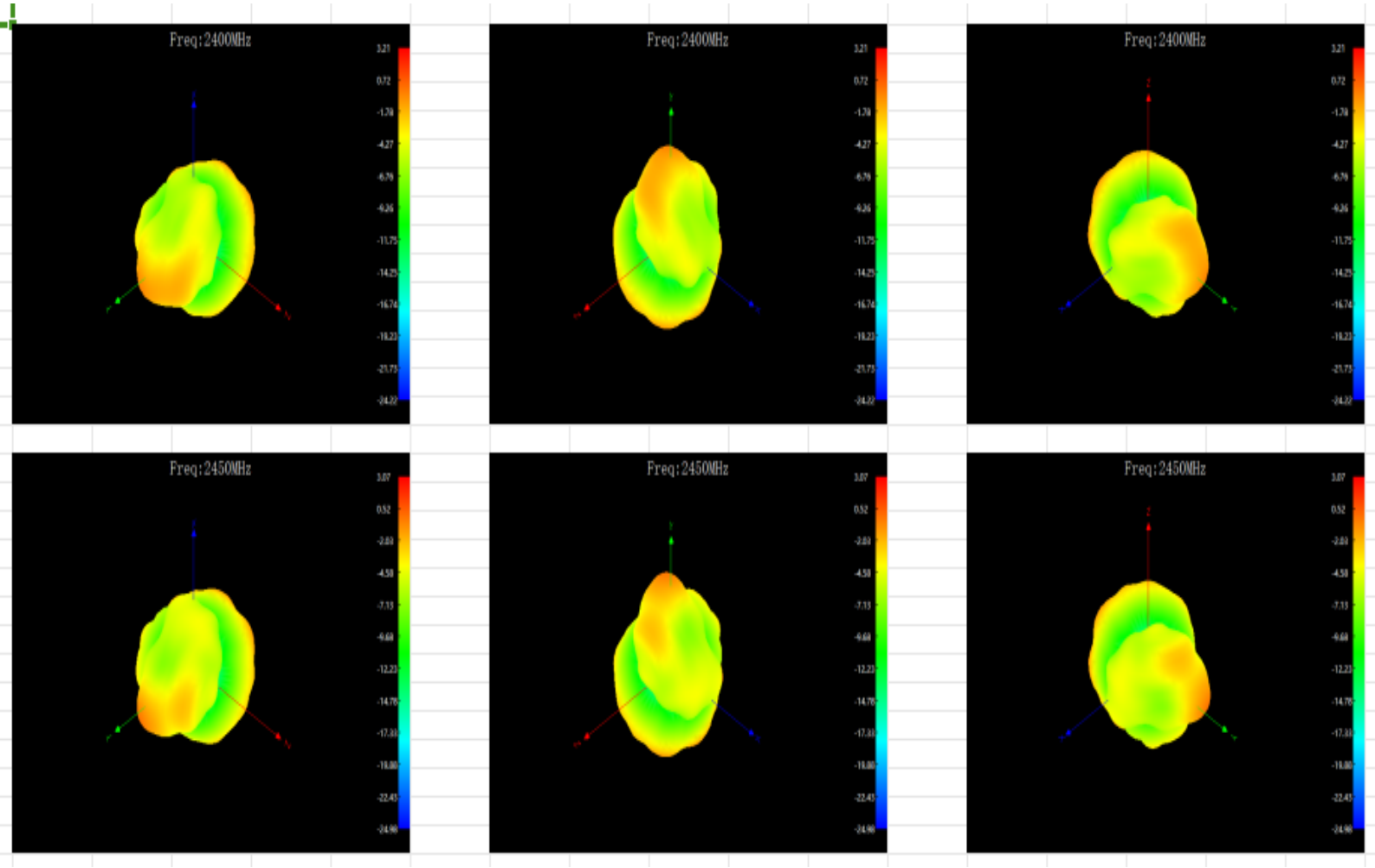
Antenna efficiency

Frequency	MaxGain/dBi	Efficiency / %
2400	3.21	54.83
2410	3.34	57.94
2420	3.53	60.53
2430	3.43	61.09
2440	3.29	62.09
2450	3.07	62.09
2460	2.92	59.84
2470	2.99	58.21
2480	2.89	57.94
2490	2.86	55.72
2500	2.57	52.48
5000	1.61	40.36
5100	2.55	47.64
5200	1.95	44.26
5300	2.29	48.53
5400	2.8	49.77
5500	2.44	46.24
5600	1.8	43.15
5700	2.2	42.66
5800	1.39	39.45
5900	0.56	33.27

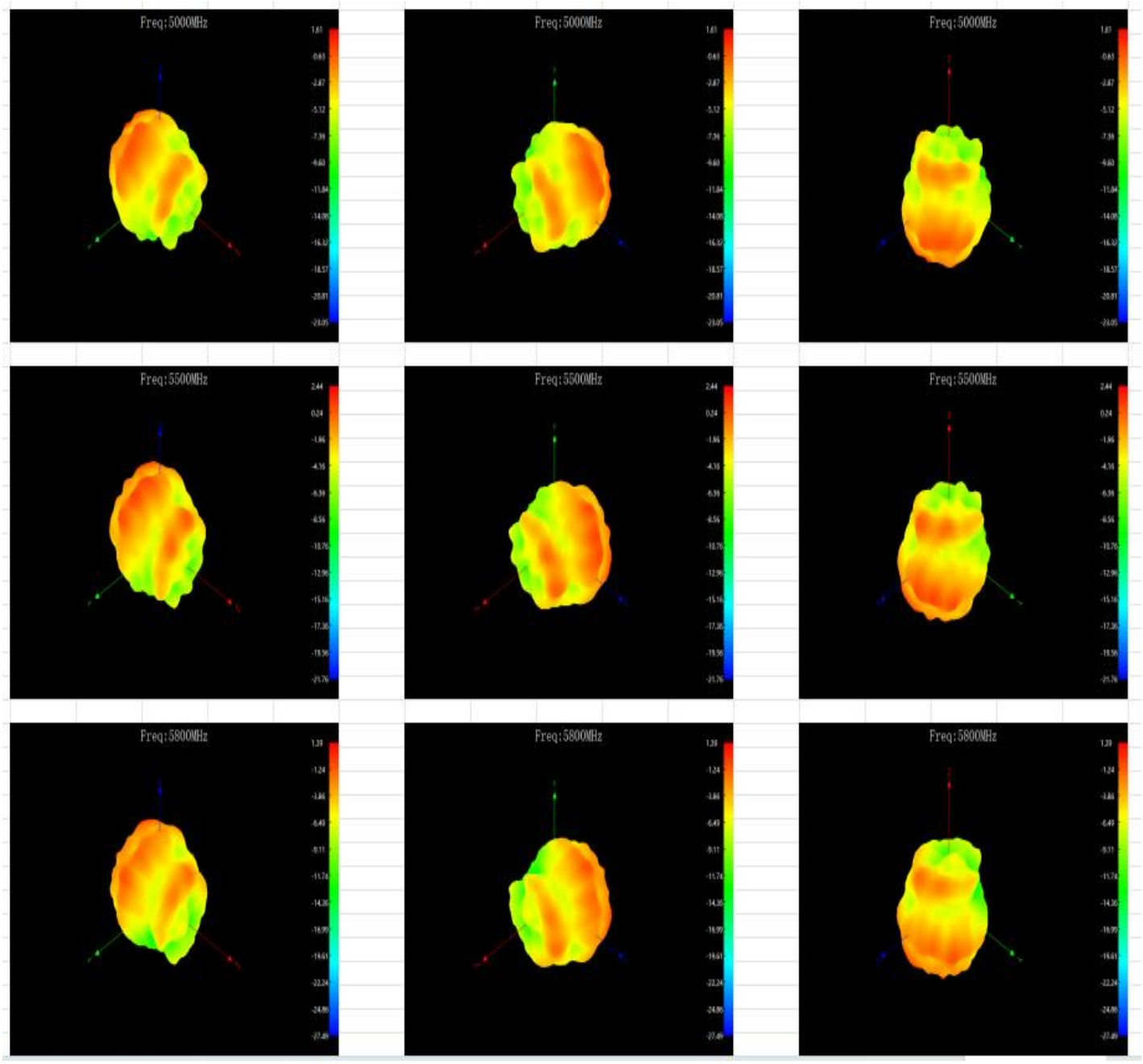
2.4G 2D/3D Gain Pattern

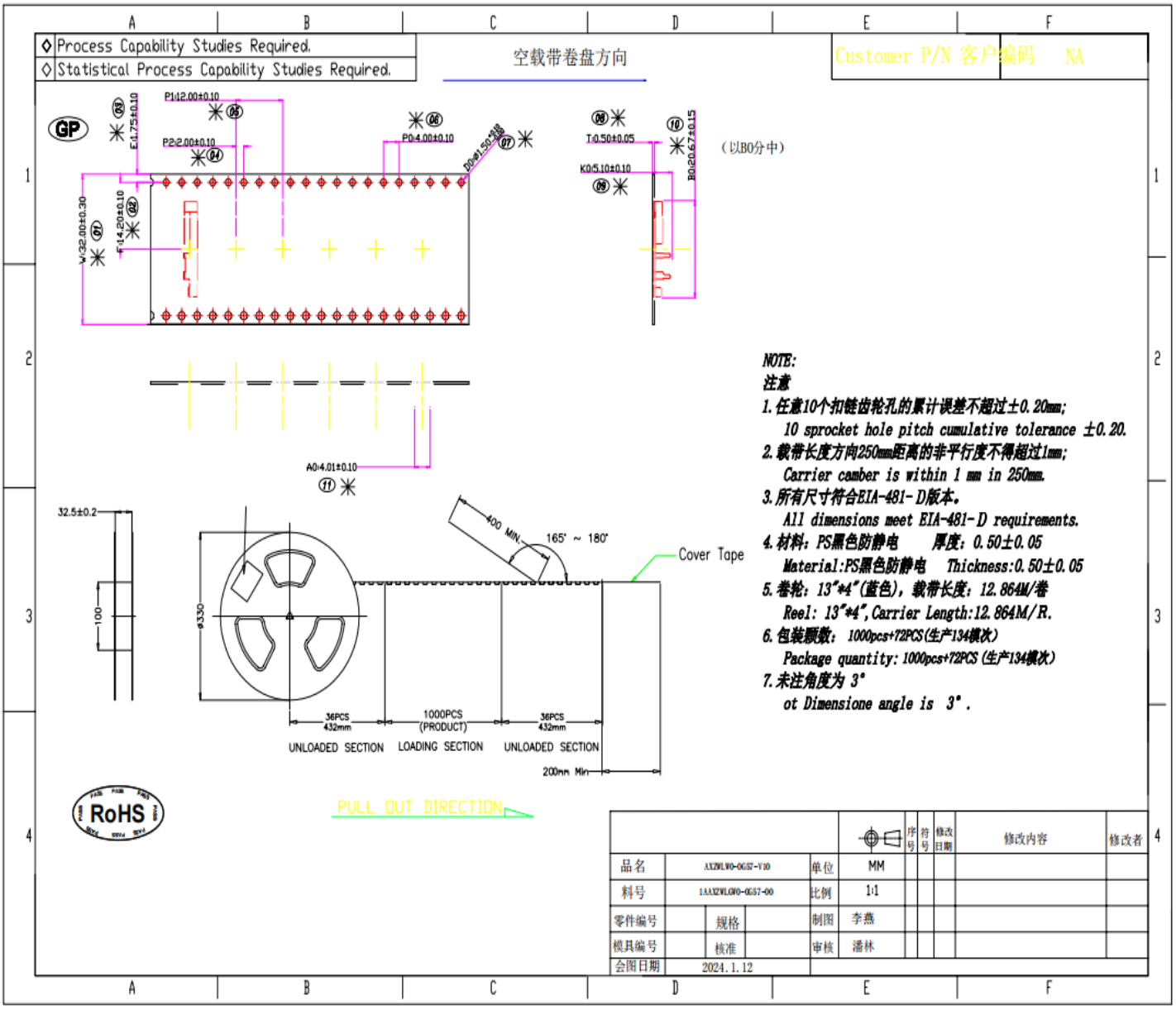


Z-X　　Z-Y　　X-Y



5G 2D/3D Gain Pattern




◇Process Capability Studies Required.
◇Statistical Process Capability Studies Required.
空载带卷盘方向
Customer P/N 客户编码 NA
GP
P1=12.00±0.10
P2=2.00±0.10
E=1.75±0.10
P0=4.00±0.10
D0=1.50+0.10
T=0.50±0.05
K0=5.10±0.10
B0=20.67±0.15
（以B0分中）
W=32.00±0.30
F=14.20±0.10
A0=4.01±0.10
32.5±0.2
100
ø330
400 MIN.
165° ~ 180°
Cover Tape
36PCS
432mm
1000PCS
(PRODUCT)
36PCS
432mm
UNLOADED SECTION
LOADING SECTION
UNLOADED SECTION
200mm Min.
PULL OUT DIRECTION
RoHS
NOTE:
注意
1.任意10个扣链齿轮孔的累计误差不超过±0.20mm;
10 sprocket hole pitch cumulative tolerance ±0.20.
2.载带长度方向250mm距离的非平行度不得超过1mm;
Carrier camber is within 1 mm in 250mm.
3.所有尺寸符合EIA-481-D版本。
All dimensions meet EIA-481-D requirements.
4.材料：PS黑色防静电 厚度：0.50±0.05
Material:PS黑色防静电 Thickness:0.50±0.05
5.卷轮：13"*4"(蓝色)，载带长度：12.864M/卷
Reel: 13"*4",Carrier Length:12.864M/R.
6.包装颗数：1000pcs+72PCS(生产134模次)
Package quantity:1000pcs+72PCS(生产134模次)
7.未注角度为 3°
ot Dimensione angle is 3°.
序号
符号
修改日期
修改内容
修改者
品名 AXZWLW0-0657-V10
单位 MM
料号 1AAXZWLGW0-0657-00
比例 1:1
零件编号
规格
制图 李燕
模具编号
核准
审核 潘林
会图日期 2024.1.12