

Development case No. :
Y2023102101 Date:
2023.10.24 Edition: A0

Letter of acceptance

Customer name: Qinglan Technology (Shenzhen) Co., LTD
Debugging project:
Customer Part Number:
Tengchen material number: NB2400-ZF1625B50-BX
Grid description: Built-in sky wire -2.4G- white 1.13 tin tin wire -1 generation end
- L = 50 mm - FPC - 16.5 x 25.9 mm

Factory
Signature:

COMPILE	VERIFY	APPROVAL
zhuhua zhang	Jian Lin	qian chang xie

Customer
acknowledgemet
signature:

Tengchen
contact
information

Business
contact:

Mr Zhang

Mobile:
13798709502

Technical
contact:

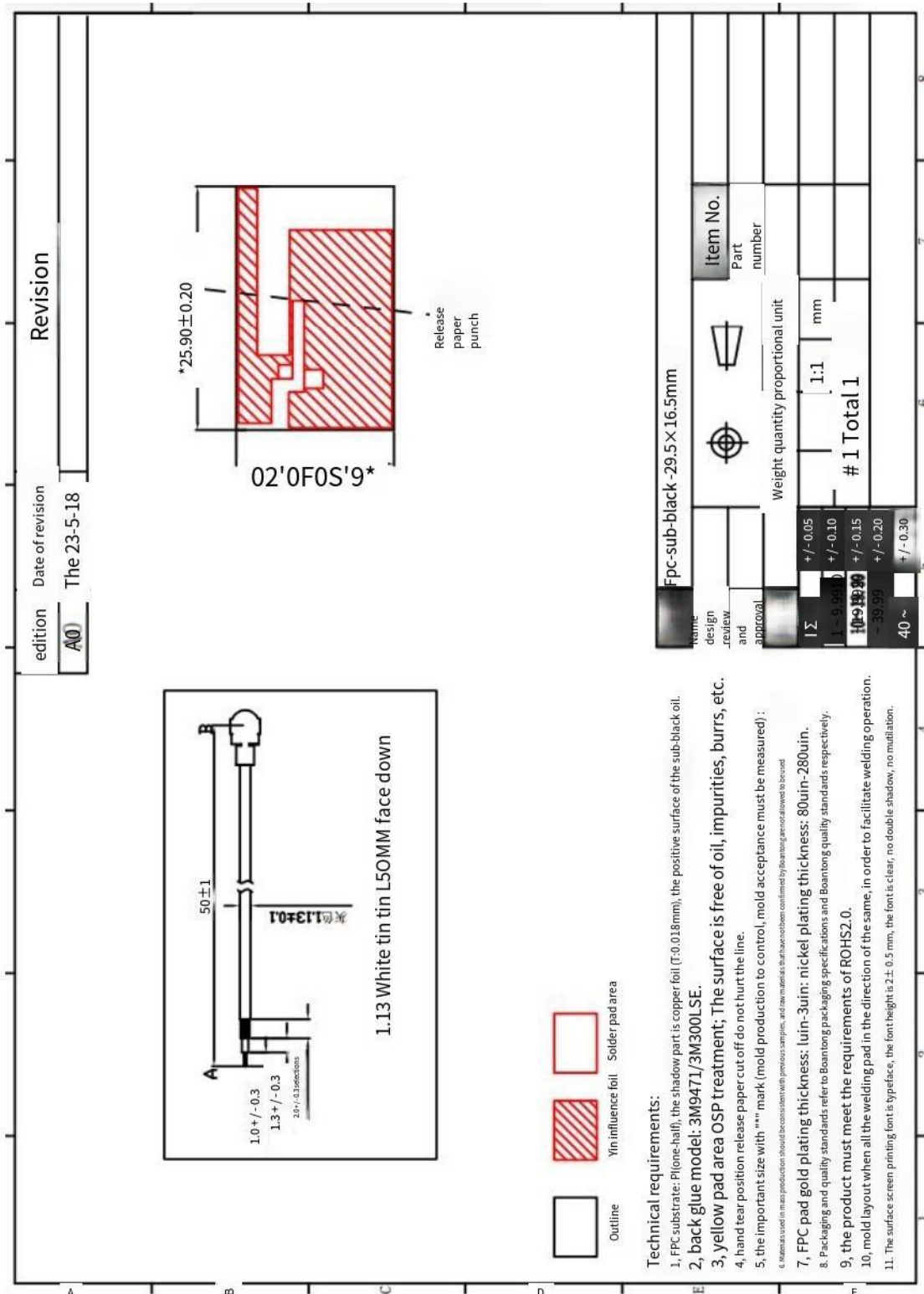
Mr Xie

Mobile:
18312509103

catalogue

1,cover	1
2,directories,	3
3,product drawing	4
4,performance parameter table	5
5,electrical performance test report	6to7
Harmful material, material composition and table	
6	7
7,packaging specifications	8

3. Product drawing

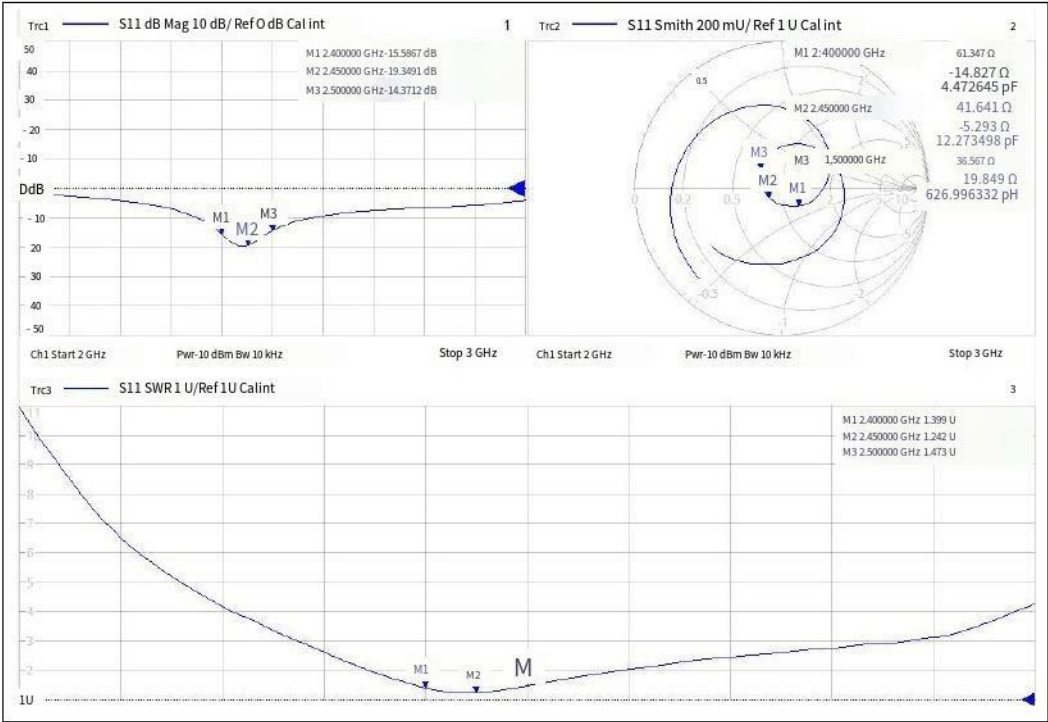


4.
Performance
parameters

Electrical parameter	
Frequency range	2400-2500MHz
Input impedance	50 Ω
Standing-wave ratio	Control engineering seal
Power capacity	<10w
Polarization mode	Line polarization
Radiation direction	Omnidirectional
Connector model	1 generation terminals
Mechanical parameters	
Line length	100±2mm
Terminal holding force	>1kgf
Terminal insertion and removal force	>1kgf
Coaxial cable	Black 1.13 wire
Salt spray test	24H
Environmental parameter	
Operating temperature	- 30 °C - 65 °C

5. Electrical Performance
Test Report (complete
machine)

S11



| standing
wave ratio
data

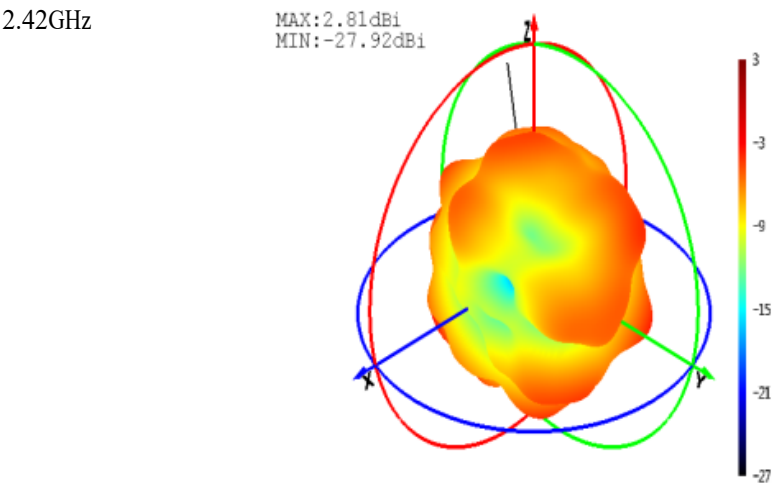
Freq/GHz	2.4	2.45	2.5
VSWR	1.39	1.24	1.47

| antenna darkroom
test data

Freq (MHz)	Gain (dBi)	Efficiency (%)
2400	2.51	47.12
2410	2.78	46.11
2420	2.81	48.57
2430	2.71	53.21
2440	2.69	50.66
2450	2.78	51.88
2460	2.66	54.70
2470	2.58	49.39
2480	2.64	48.83
2490	2.74	46.53
2500	2.75	47.07

||

Antenna direction diagram



6, material composition
and hazardous substances
list

item time	Specs	Material	RoHS Inspection Results (PPM)						ICP Test Number	Test time
			Cd	Pb	Hg	Cr+6	PBB	PBDE		
1	line	FEP	ND	ND	ND	ND	ND	ND	NGBMR23000169901	2023/2/6
		Tin tin wire	ND	ND	ND	ND	ND	ND	CANEC23000141401	2023/2/13
		Tin Tin Thread	ND	ND	ND	ND	ND	ND	CANEC2215409701	2022/7/22
2	Terminals	PBT	ND	ND	ND	ND	ND	ND	NGBEC22001678609	2022/6/8
		Phosphor bronze	ND	ND	ND	ND	ND	ND	CANEC2301145809	2023/2/8
3	FPC	PI	ND	ND	ND	ND	ND	ND	SHAEC23001049105	2023/2/15
		Rubber backing	ND	ND	ND	ND	ND	ND	SHAEC2217569205	2023/1/4

Product
packaging

specification
n

PACKING CRITERION

Form Number: TENCHE-QR-EN- Version:

Dongguan Tengchen
Electronic Technology Co.,
LTD

Product Part number: NB2400-
ZF1625B50-BX

Product specification: Built-in antenna -2.4G- White 1.13
tin tin wire -1 generation terminal -L=50mm

1. Label requirements (refer to the corresponding requirements for the production of the finished product label according to the customer name, if there is no requirement, follow the general label requirements)

The inner

The width is about 60mm

demand	*****		
Supplier	Dongguan Tengchen Electronic Technology Co., LTD		
Material code	*****		
Production order number	*****		
Item name Specifications	*****	Inspector	**
Quantity/units	*****	Date	*****
Traceable code	*****	Serial number	**

The outer

The width is about

2. Packing

Job

Outer

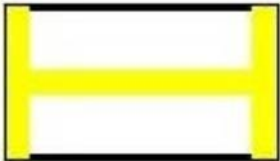
1. Inner

Prod 100 PCS/



2. Outer packing:

The quantity/box shall be determined according to the actual packing



Paper box



Points to note:

- 1. Whether to add partitions, pearl cotton;
- 2. Affixing of labels, such as ROHS, etc. ;

A total of

Form Number: TENCHE-QR-EN-

Version: