

Shen Zhen Newlink Technology Co., Ltd.

ANTENNA APPROVAL SHEET

Customer: It's wild.

Project: C201

Part number		Audit	
RF Engineer		Structural Engineer	
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Customer hardware		Customer projects	
Customer Structure/MD		Customer quality	

project: : C201		write: Zhang hai dong	file name It's wild. C201 Antenna specification
Antenna model:			
date: 2026.01.13			
version	V1	to examine: liufang	
Mold products			
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1.Overview

This report primarily describes the performance of the antenna debugging system provided by New Lingke for field machine debugging. The C201 project operates within a frequency range of 2.4 GHz, utilizing an internal PIFA-type antenna mounted inside the machine.

2. Detailed introduction

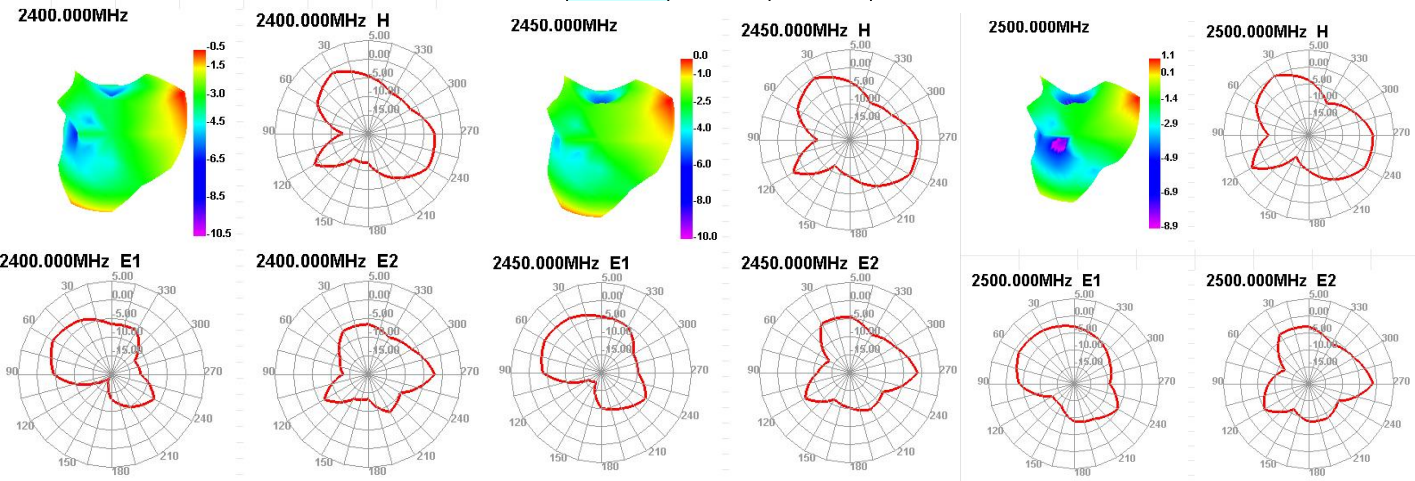
2.1Matching circuit (matching unchanged)

3.Debug the settings

The transmit power and receive sensitivity are 3D results measured using the CMW500/8960 in a microwave anechoic chamber (6m*3m*3m).

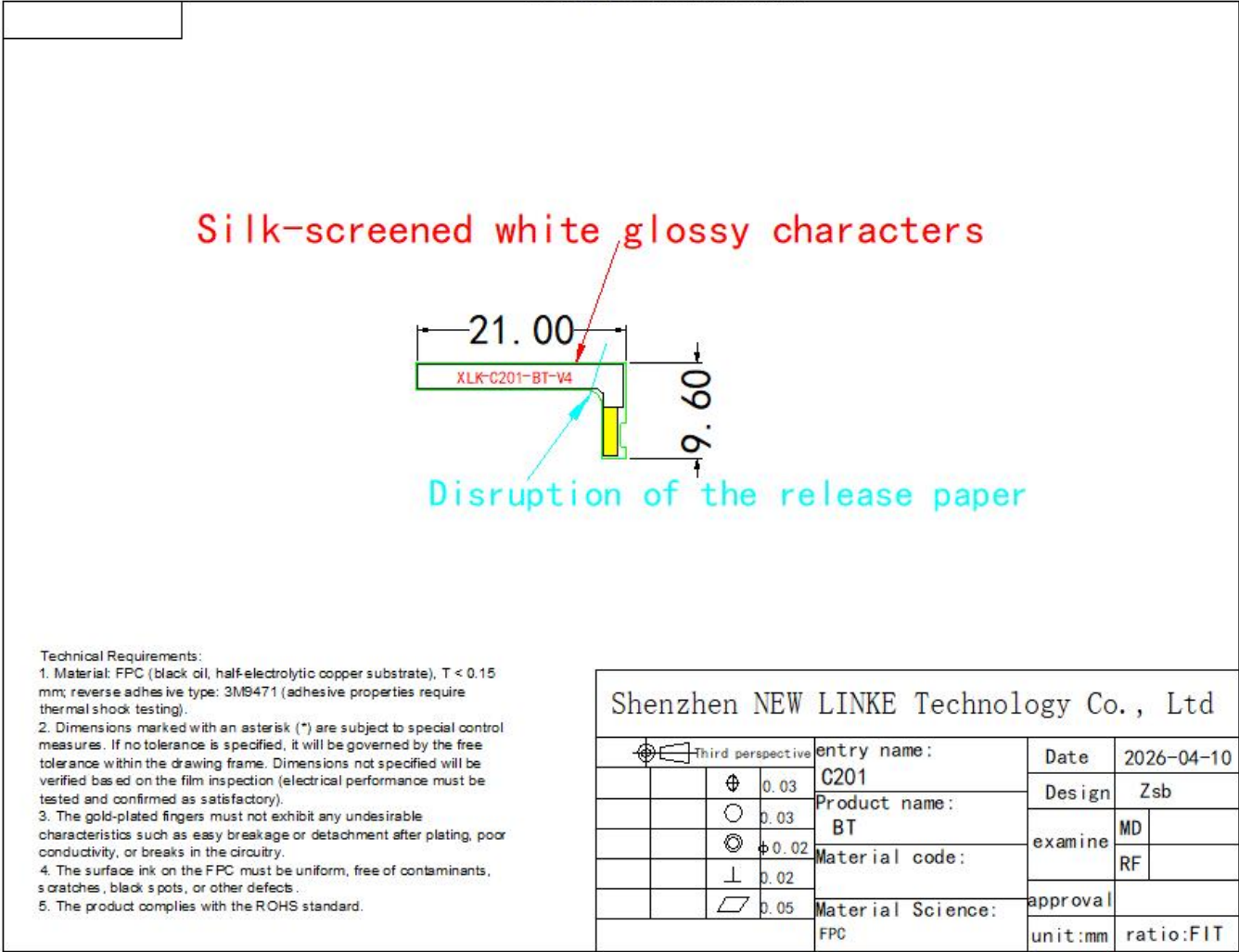
3.1Antenna passive data

Freq	Effi	Gain
(MHz)	(%)	(dBi)
2400	30.01	-0.51
2410	31.65	0.14
2420	31.66	-0.28
2430	32.42	-0.74
2440	32.87	-0.15
2450	33.31	0.02
2460	32.25	0.29
2470	30.79	0.56
2480	30.39	-0.5
2490	31.03	-0.89
2500	32.48	1.08



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4.Structural diagram



5.Structural diagram

Handset Model	C201			Tested Quantity	5PCS		
Standard	GB2423. 18			Product material	FPC		
Tested Items	Require d Standard	Actual value	Resul t	Tested Items	Required Standard	Actua l value	Resu lt
Tester Model	KD-60	KD-60	OK	Tested Period	24H	24H	OK

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Salt Fog Test Type	NSS Neutral NSS	NSS Neutral NSS	OK	Salt Fog Box Temperature	35° C	35℃	OK
Salt PH	6.5-7.2	6.8	OK	amount of precipitation of Salt fog (H. 80C)	1-2ml	1.8ml	OK
Fog spit type	Continued fog	Continued fog	OK	Material	FPC	FPC	OK
Volume of salt	5%/NaCL	5%/NaCL	OK	Compressed air pressure	1±0.1KG/C M2	1	OK
saturated temperature	47° C	47℃	OK	Sample location angel	90°	90°	OK
Observed Period	Observed phenomenon						
4H	NA						
12H	NA						
24H	NA						
Judged Standard: Judged by the method of GB5944-86, over Level 9 is qualified.							
Final Tested Result	Qualified ✓			Unqualified			
Tested by	Benyuan He	Supervised by	Aibing Wang	Approved by			
Remark: normal salt fog tested methods is NSS, AASS and CASS.							

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Shipping method

The item category	Packing	Illustration of an example
	1、 PET plastic bag packaging	

Note: Please store this product in a low temperature, low humidity (temperature 18-28 °C, humidity 35%-75%RH) non-corrosive gas environment, it is recommended to use it within a week after opening the package, please try not to let the product 3M glue have fingerprints during use, so as not to affect the adhesion.

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