

SHENZHEN XIN LINGKE TECHNOLOGY CO.,LTD

ANTENNA SPECIFICATION

Customer:Linkplay Technology Inc.

Description: WiiM Voice Remote 2

P/N:		SENDING DATE	2025.02.28
SUPPLIERS P/N		APPROVED NO.	
Customer hardware		Client project	Le yun rui
customer structure		Customer quality	
RF Engineer	Kongxianghua	Structural engineer	Zhanghaidong

SHENZHEN XIN LINGKE TECHNOLOGY CO.,LTD

Shenzhen Nanshan District high-tech Park North fifth Industrial zone office building, 5 floor

Project: WiiM Voice Remote 2		Written by: Zhang_hai dong	WiiM Voice Remote 2 -ANTENNA SPECIFICATION
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Revision		Supervised by: LI peng	
Mould			
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1. Summary

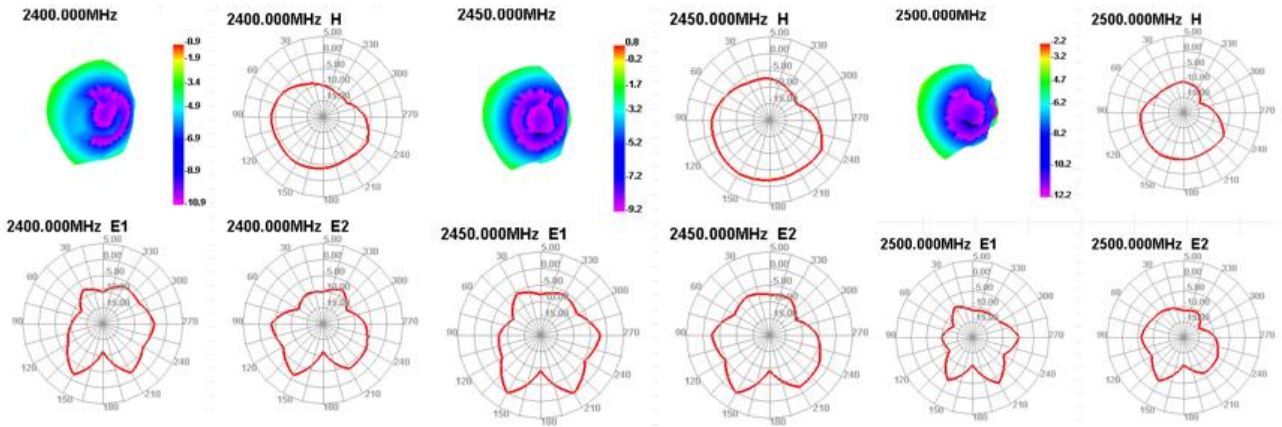
This report mainly describes the performance of the new Link machine to debug the antenna. Linkplay Technology Inc.-Wiim Voice Remote 2 remote control project, the frequency range of 2.4GBT the antenna is PIFA form, located inside the machine.

2. Configuring settings

TX Power and RX Sensitivity The data of TX Power and Rx Sensitivity is 3D result measured in microwave eanechoic chamber by the Agilent8960/CMW500.

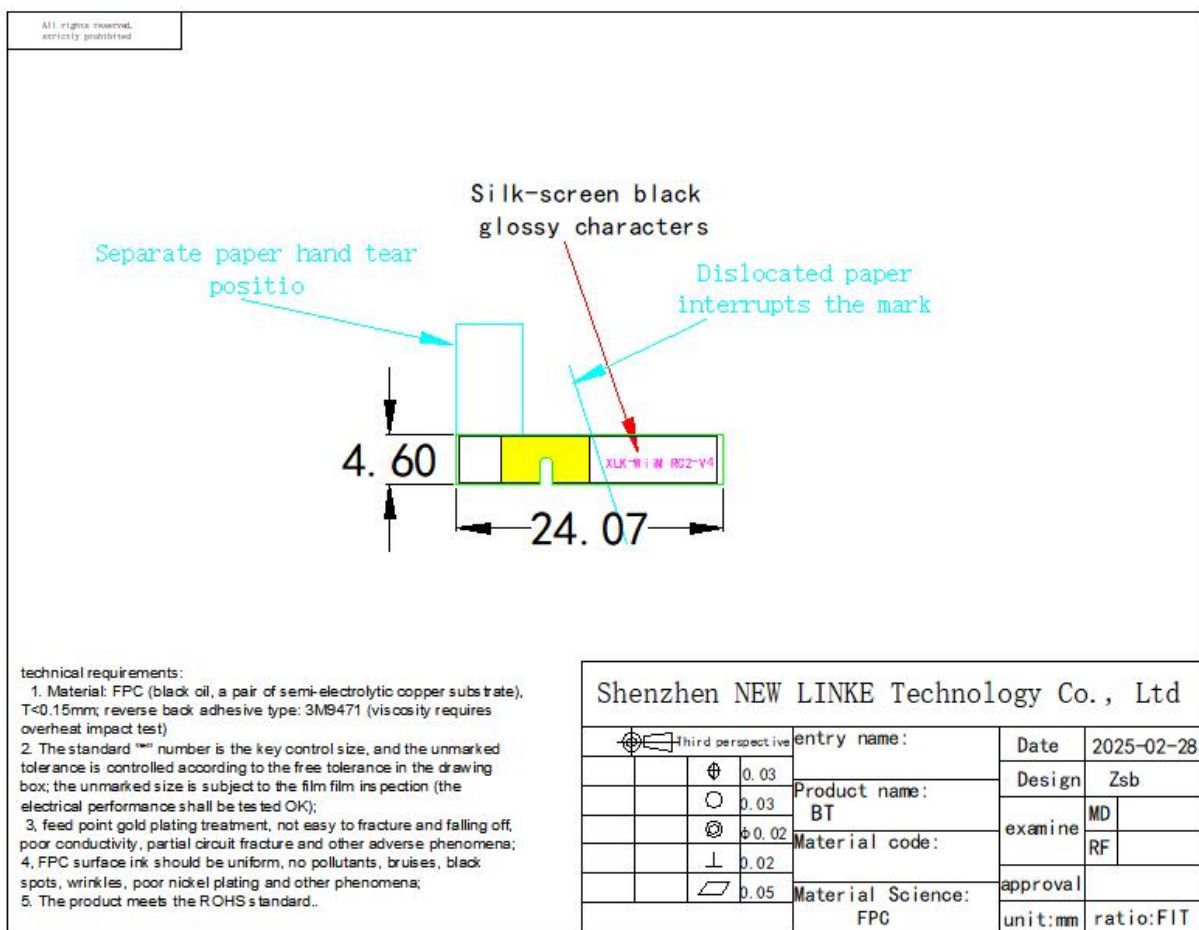
2.1 The BT antenna has no passive data

Freq (MHz)	Effi (%)	Gain (dBi)
2400	26.46	-0.95
2410	30.35	-0.17
2420	32.16	-0.07
2430	35.71	0.09
2440	36.23	0.95
2450	35.44	0.8
2460	33.77	0.42
2470	30.07	-0.13
2480	28.34	-0.11
2490	25.61	-1.04
2500	23.07	-2.24



3. Antenna structure diagram

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4. Antenna tested Report with all dimension

Salt Fog Test Report

Handset Model	WiiM Voice Remote 2			Tested Quantity	5PCS		
Standard	GB2423. 18			Product material	FPC		
Tested Items	Required Standard	Actual value	Result	Tested Items	Required Standard	Actual value	Result
Tester Model	KD-60	KD-60	OK	Tested Period	24H	24H	OK
Salt Fog Test Type	NSS Neutral NSS	NSS Neutral NSS	OK	Salt Fog Box Temperature	35° C	35°C	OK
Salt PH	6.5-7.2	6.8	OK	amount of precipitation of	1-2ml	1.8ml	OK

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				Salt fog (H. 80C)			
Fog spit type	Continue d fog	Continu ed fog	OK	Material	FPC	FPC	OK
Volume of salt	5%/NaCL	5%/NaCL	OK	Compressed air pressure	1±0.1KG/CM 2	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	Supervi sed by	Aibing Wang	Approved by			
Remark: normal salt fog tested methods is NSS,AASS and CASS.							

5. Shipment Mode

Material Type	Package Mode	
FPC	1、 full page package for shipment 2、 Release paper+ PET plastics bags packed 3、 100sheets/bag	

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