

SHENZHEN XIN LINGKE TECHNOLOGY CO.,LTD

SPECIFICATION FOR APPROVAL

Customer:geruiyate

Description: P22LE-EDP13.3

P/N:	main antenna: KP-P22LE-EDP13.3-Main-V1.0 WIFI antenna: KP-P22LE-EDP13.3-WIFI-V1.0 Diversity antenna: KP-P22LE-EDP13.3-DIV-V1.0	SENDING DATE	2023.02.23
SUPPLIERS P/N		APPROVED NO.	
Customer hardware		Client project	P22LE-EDP13.3
customer structure		Customer quality	
RF Engineer		Structural engineer	

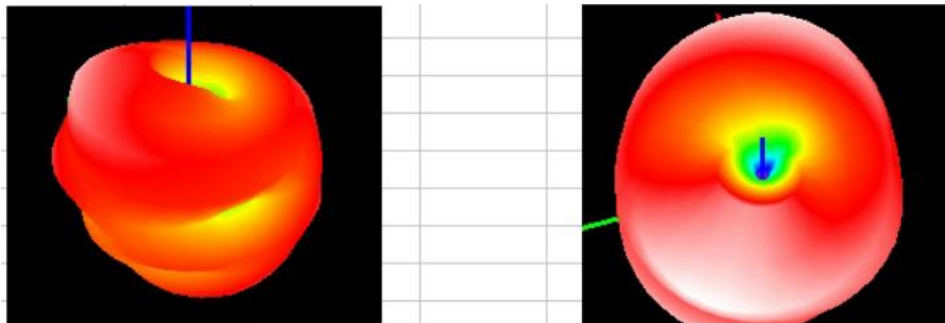
SHENZHEN XIN LINGKE TECHNOLOGY CO.,LTD

Project: P22LE-EDP13.3		Written by: Zhang_hai dong	P22LE-EDP13.3 antenna Specification for Approval
Date:: 2023.02.23			
Revision	V1.0	Supervised by: LI peng	
Mould			
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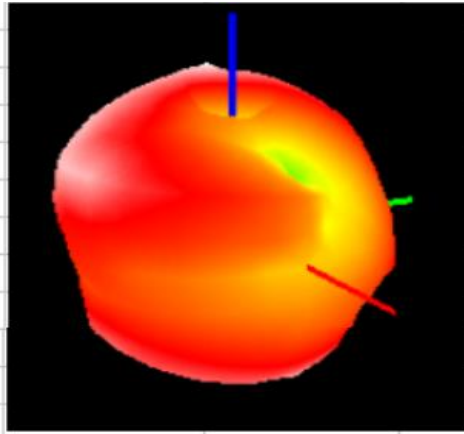
1. Antenna gain

Freq (MHz)	Effi (%)	Gain (dBi)
2400	48.75	1.26
2450	42.27	1.98
2500	43.05	1.83
5150	52.77	1.29
5350	54.20	1.49
5500	50.12	1.54
5650	51.88	1.02
5750	46.89	1.99
5850	53.05	1.42

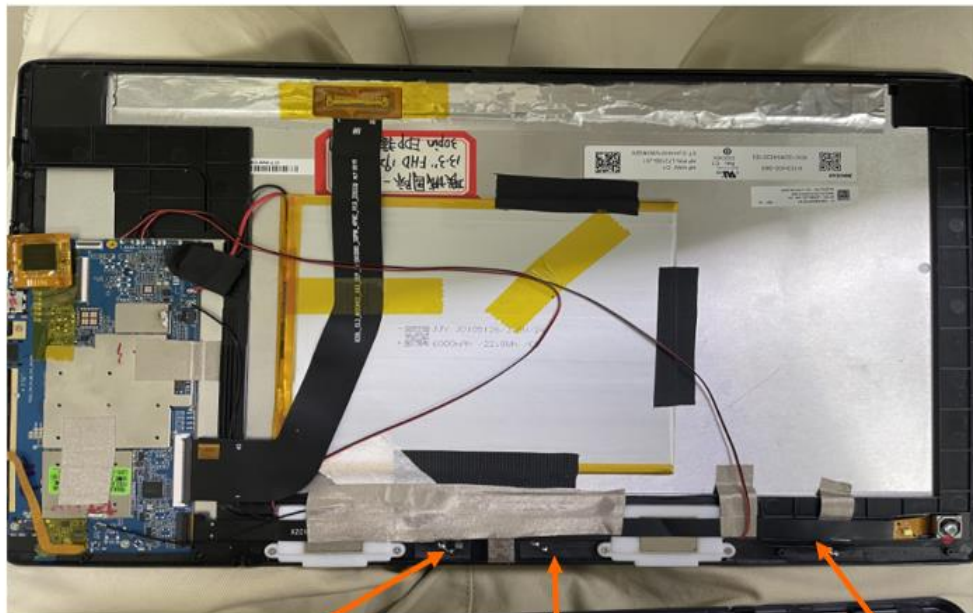
WIFI Antenna



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2. Antenna position



WIFI antenna
assembly location

Diversity antenna
assembly location

Main antenna
assembly location

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3. Assembling picture

Main Antenna

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main antenna

Avulsion position

technical requirements:

- 1.The material is electrolytic copper with a thickness of 0.05mm;
- 2.Back glue : 3M9471;
- 3.Anti oxidation treatment for gold finger surface;
- 4.Protective film for:Black oil;
- 5.Overall thickness should be less than or equal to 0.15mm;
- 6.Accurate tolerance range:0.1mm;
- 7.Only the product diagram is allowed to conduct electricity;
- 8.Where A stands for adhesive and B is FPC;
- 9.Please refer to the drawing for dimensions not specified.

Shenzhen NEW LINKE Technology Co., Ltd			
	0~3 ±0.05	⊕ 0.03	entry name: P22LE-EDP13.3
	3~30 ±0.1	○ 0.03	Product name: main antenna
	30~50 ±0.15	⊙ φ0.02	Material code:
	50~80 ±0.2	⊥ 0.02	Material Science: FPC+coaxial line
	angle ±1°	▱ 0.05	unit:mm ratio:FIT
		Date: 2023-02-23	
		Design: Zsb	
		examine: MD	
		RF	
		approval:	

WIFI antenna

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WIFI antenna

technical requirements:

- 1.The material is electrolytic copper with a thickness of 0.05mm;
- 2.Back glue : 3M9471;
- 3.Anti oxidation treatment for gold finger surface;
- 4.Protective film for:Black oil;
- 5.Overall thickness should be less than or equal to 0.15mm;
- 6.Accurate tolerance range:0.1mm;
- 7.Only the product diagram is allowed to conduct electricity;
- 8.Where A stands for adhesive and B is FPC;
- 9.Please refer to the drawing for dimensions not specified.

Shenzhen NEW LINKE Technology Co., Ltd			
	0~3 ±0.05	⊕ 0.03	entry name: P22LE-EDP13.3
	3~30 ±0.1	○ 0.03	Product name: WIFI Antenna
	30~50 ±0.15	⊙ φ0.02	Material code:
	50~80 ±0.2	⊥ 0.02	Material Science: FPC+coaxial line
	angle ±1°	▱ 0.05	unit:mm ratio:FIT
		Date: 2023-02-23	
		Design: Zsb	
		examine: MD	
		RF	
		approval:	

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Diversity antenna

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Diversity antenna

technical requirements:

- 1.The material is electrolytic copper with a thickness of 0.05mm;
- 2.Back glue : 3M9471;
- 3.Anti oxidation treatment for gold finger surface;
- 4.Protective film for:Black oil;
- 5.Overall thickness should be less than or equal to0.15mm;
- 6.Accurate tolerance range:0.1mm;
- 7.Only the product diagram is allowed to conduct electricity;
- 8.Where A stands for adhesive and B is FPC;
- 9.Please refer to the drawing for dimensions not specified.

Shenzhen NEW LINKE Technology Co., Ltd			
	entry name:	Date	2023-02-23
0°~3° ±0.05	P22LE-EDP13.3	Design	Zsb
3°~30° ±0.1	Product name:	examine	MD
30°~50° ±0.15	Diversity antenna	RF	
50°~80° ±0.2	Material code:	approval	
angle ±1°	Material Science:	unit:mm	ratio:FIT
	FPC+coaxial line		

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