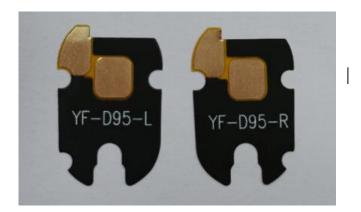
BT FPC Antenna (D95-L/R)

1. Explanation of Product Number

S 2 B 4 B B 1 F 1 B 6 7 0 0 0 0 (1) (2) (3) (4) (5)



Product Description:

(1) Product Categories:

B:BT Antenna

(2) Dimensions:

B1:17.5*11.16 (mm)

(3) Material:

F: FPC

(4) Working Frequencies:

1B: 2.4G-2.5G

(5) Antenna Series:

01: Se	rial number					
Tolerances (Unless othe	rwise specified)					
X: ± 1 X.X: ± 0	.1 X.XX: ± 0.01					
Angle: ±	Hole Dia.: ±	深圳市迎丰天线技术有限公司 SHEN ZHEN YINGFENG ANTENNA TECHNOLOGYCO.,LTD				
Scale: Unit: mm						
Drawn By : Shelley	Drawn By : Shelley Checked By : Simon		THIS SPECIFICATION IS THE PROPERTY OF UNICTRON TECHNOLOGIES CORPORATION AND SHALL NOT BE REPRODUCED OR USED IN ALL			
Designed By :Simon	Approved By :Simon	CIRCUMSTANCES	WITHOUT WRITTEN PERMISSION			
	(5.5.1.5)	PART	000 4004 54067000	REV.		
TITLE: BT FPC Antenna(D95-L/R)		NO.	S2B4BB1F1B67000	Α		
			PAGE 1 O	F 6		

2. Features

- *Stable and reliable in performances
- *RoHS compliance
- *Low cost

3. Applications

*BT

4. Description

* YINGFENMG FPC antenna series are specially designed for 2.4G-2.5G band application. Based on YINGFENG proprietary designs and processes, this FPC antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

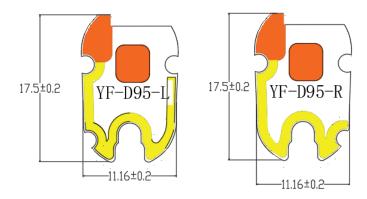
5. Antenna Electrical Specifications :

Characteristics	Specifications			Unit			
Outline Dimensions		17	7.5*11.16			mm	
Frequency		24	00~2500)		MHz	
Impedance			50			Ω	
Polarization		Linea	r Polariza	ation			
Return Loss Table	Return Loss			urn Loss			
Freq.Band	2.4G	Hz		2.45G Hz		2.5G Hz	
dB	-16.98	3		-29.81		-17.34	
VSWR Table			V	/SWR			
Freq.Band	2.4G Hz		2	2.45G Hz		2.5G Hz	
	1.18			1.08		1.29	
GAIN Table	To		tal Gair	n = Xpol + Pp	ol		
Freq.Band	2400MHz 2450I		MHz	2485MHz		2500MHz	
Peak Gain(dBi)	1.51	1	72	1.69		1.23	

Tolerances (Unless oth	erwise specified)						
X: ± 1	0.1 X.XX: ± 0.01						
Angle: ± Hole Dia.: ±		│					
		SHEN ZHE	SHEN ZHEN YINGFENG ANTENNA TECHNOLOGYCO.,LTD				
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Drawn By : Shelley Checked By : Simon		CORPORATION AI	THIS SPECIFICATION IS THE PROPERTY OF UNICTRON TECHNOLOGIES CORPORATION AND SHALL NOT BE REPRODUCED OR USED IN ALL				
Designed By :Simon	Approved By :Simon	CIRCUMSTANCES	CIRCUMSTANCES WITHOUT WRITTEN PERMISSION				
TITLE: BT FPC Antenna(D95-L/R)		PART	000400454007000	REV.			
		NO.	S2B4BB1F1B67000	Α			
			PAGE 2 OI	F 6			

6. Dimensions (unit: mm)

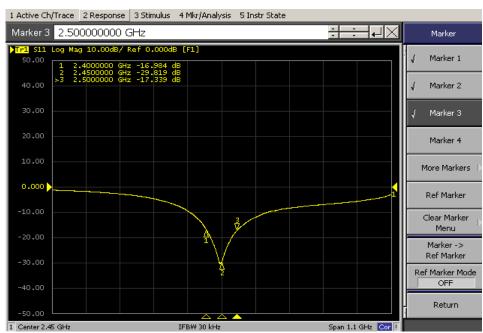
blic errand: ±0.2mm



正面加双面胶 3.5mm

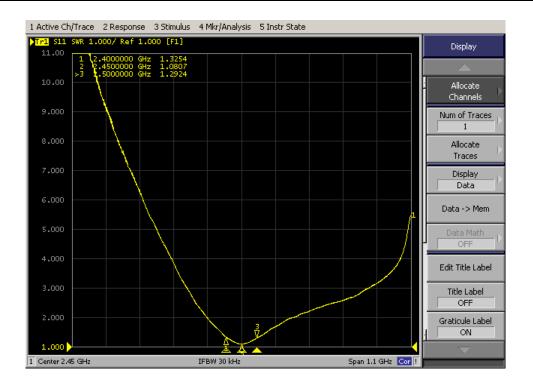
7. Measurement Characteristics:

(1) Return Loss

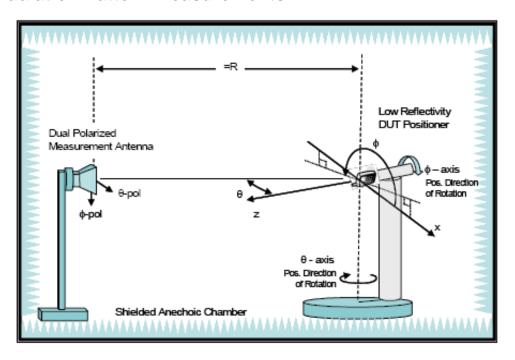


(2) VSWR

TITLE: BT FPC Antenna(D95-L/R)		NO.	32B4BB1F1B07000	Α	
		PART	S2B4BB1F1B67000	REV.	
Designed By :Simon Approved By :Simon CIRCUMSTANCES WITHOUT WRITTEN PERMISSION					
Drawn By : Shelley Checked By : Simon		CORPORATION AND SHALL NOT BE REPRODUCED OR USED IN ALL			
Scale :	Unit : mm	THIS SPECIFICATION IS THE PROPERTY OF UNICTRON TECHNOLOGIES			
Angle: ±	Hole Dia. : ±	深圳市迎丰天线技术有限公司 SHEN ZHEN YINGFENG ANTENNA TECHNOLOGYCO.,LTD			
Folerances (Unless oth X: ± 1 X.X: ±	erwise specified) 0.1 X.XX: ± 0.01	-3			



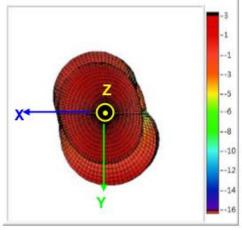
8. Three D Radiation Pattern measurements

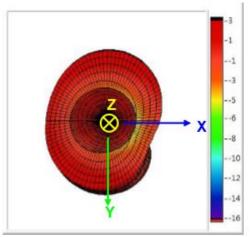


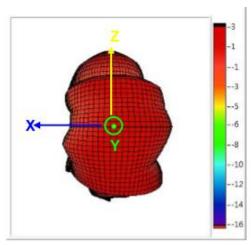
9. Radiation Pattern

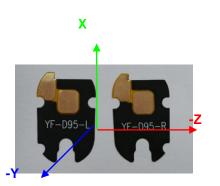
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X: ± 1	0.1 X.XX: ± 0.01	1				
Angle: ± Hole Dia.: ±		深圳市迎丰天线技术有限公司				
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Scale :	Unit : mm	THE OPERISON IS THE PROPERTY OF HIMOTRON TECHNICLOGIS				
Drawn By : Shelley Checked By : Simon		THIS SPECIFICATION IS THE PROPERTY OF UNICTRON TECHNOLOGIES CORPORATION AND SHALL NOT BE REPRODUCED OR USED IN ALL				
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9-1.3D Gain Pattern (Radiation Pattern at 2450 MHz)









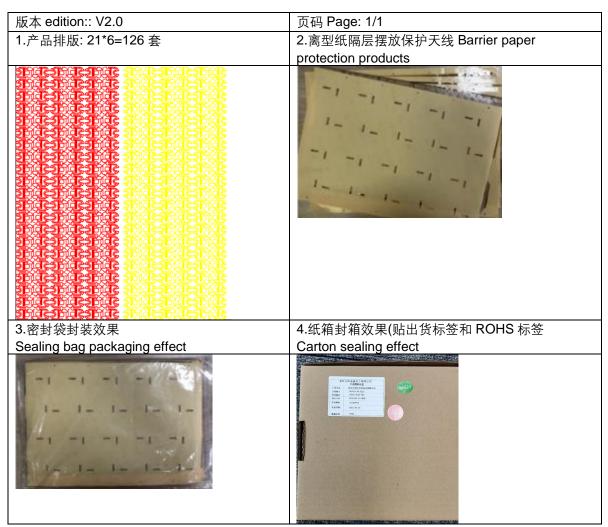
9-2.2D Gain complete machine (Radiation Pattern at 2450 MHz)

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			USED IN ALL		
Checked By : Simon			USED IN ALL		
Drawn By : Shelley Checked By : Simon		CORPORATION AND SHALL NOT BE REPRODUCED OR USED IN ALL			
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	ole Dia. : ± Unit : mm	X.XX:± 0.01	X.XX:± 0.01 Aple Dia.: ± With imm This specification is the property of Unictron to		

9-3.complete machine Efficiency Table

Frequency(MHz)	2400	2420	2450	2460	2480	2500
Efficiency (dB)	-2.22	-1.71	-2.09	-2.13	-2.24	-2.07
Efficiency (%)	30.9	32.3	36	35	29.18	26
Gain (dBi)	1.51	1.62	1.72	1.7	1.69	1.23

10-1 产品包装 Product packaging



10-2.Revision Control:

Revision	Date	Content	Remark
А	2024-2-21	New Issued.	N/A

Tolerances (Unless oth	erwise specified)						
X: ± 1 X.X: ±	0.1 X.XX: ± 0.01						
Angle: ± Hole Dia.: ±		1 深圳	│				
79.0	Angle: 1 Hole Dia: . 1		SHEN ZHEN YINGFENG ANTENNA TECHNOLOGYCO.,LTD				
Scale :	Unit : mm	THIS SPECIFICATION IS THE PROPERTY OF UNICTRON TECHNOLOGIES					
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Designed By :Simon	Approved By :Simon	CIRCUMSTANCES	CIRCUMSTANCES WITHOUT WRITTEN PERMISSION				
			000400454067000	REV.			
TITLE: BT FPC Antenna(D95-L/R)		NO.	S2B4BB1F1B67000	Α			
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