BT FPC Antenna (RT6222F-V3-L/R)

1. Explanation of Product Number

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





Product Description:

(1) Product Categories:

B:BT Antenna

(2) Dimensions:

B1:22.2*7.3*0.12 (mm)

(3) Material:

F: FPC

(4) Working Frequencies:

1B: 2.4G-2.5G

(5) Antenna Series:

TITLE: BT FPC Antenna	(RT6222F-V3-L/R)	NO. S2B4BB1F1B30000		B	
TITI P		PART	00040045400000	REV.	
Designed By :Simon	Approved By :Frank	CIRCUMSTANCES WITHOUT WRITTEN PERMISSION			
Drawn By : Shelley Checked By : Simon		THIS SPECIFICATION IS THE PROPERTY OF UNICTRON TECHNOLOGIES CORPORATION AND SHALL NOT BE REPRODUCED OR USED IN ALL			
Scale :	Unit : mm	THE CRECEIOATION IS THE PROPERTY OF UNICEPON TECHNOLOGY			
Angle: ± Ho	ole Dia.: ±	深圳市迎丰天线技术有限公司 SHEN ZHEN YINGFENG ANTENNA TECHNOLOGYCO.,LTD			
X: ± 1 X.X: ± 0.1 X.XX: ± 0.01			士加士工处士士方四八=	- 1	
Tolerances (Unless other)	vise specified)				
01: Seri	al number				

2. Features

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

3. Applications

*BT

4. Description

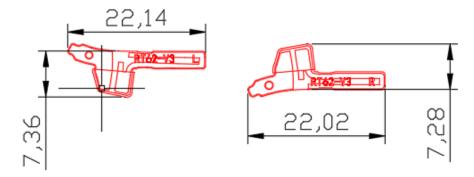
* YINGFENMG FPC antenna series are specially designed for 2.4G-2.5G band application. Based on YINGFENG proprietary designs and processes, this FPC antenna has excellent stability and sensitivity to consistently provide high signal reception efficiency.

5. Antenna Electrical Specifications :

Characteristics	Spec		Unit	
Outline Dimensions	22.2		mm	
Frequency	24		MHz	
Impedance	50			Ω
Polarization	Linea			
Return Loss Table				
Freq.Band	2.4G Hz 2.45G Hz		2.5G Hz	
dB	-16.98	-29.81		17.34
VSWR Table	VSWR			
Freq.Band	2.4G Hz 2.45G Hz			2.5G Hz
	1.32	1.08		1.29

X: ± 1 X.X: ± 0.1 X.XX: ± 0.01 Angle: ± Hole Dia.: ± SHEN ZHEN YINGFENG ANTENNA Scale: Unit: mm THIS SPECIFICATION IS THE PROPERTY OF		_		
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Designed By :Simon Approved By :Frank CIRCUMSTANCES WITHOUT WRITTEN PERM	CIRCUMSTANCES WITHOUT WRITTEN PERMISSION			
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TITLE: BT FPC Antenna(RT6222F-V3-L/R) NO. S2B4BB1F1B	30000	В		
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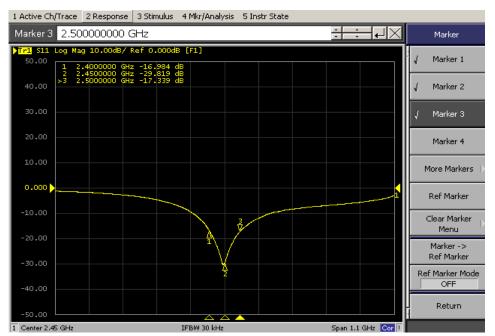
6. Dimensions (unit: mm)



blic errand: ±0.2mm

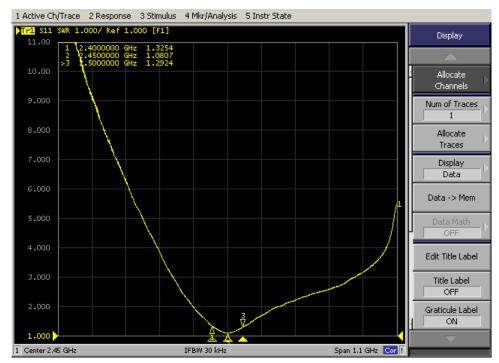
7. Measurement Characteristics:

(1) Return Loss

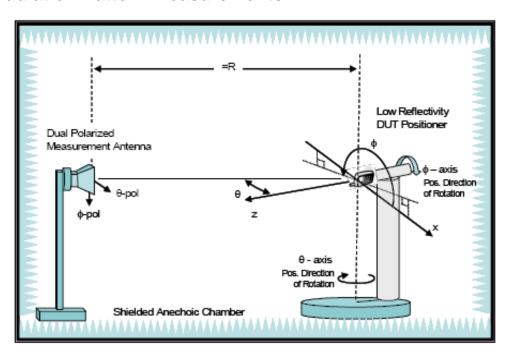


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Designed By :Sime	on	Approved By :Frank	CIRCUMSTANCES				
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(2) VSWR



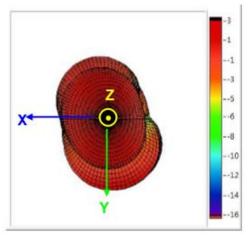
8. Three D Radiation Pattern measurements

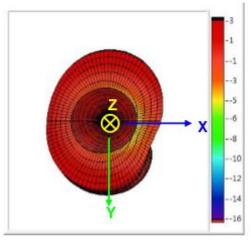


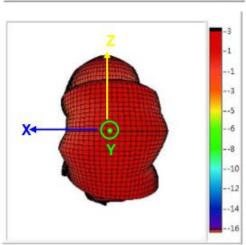
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Tolerances (Unless oth	iei wise specified)				

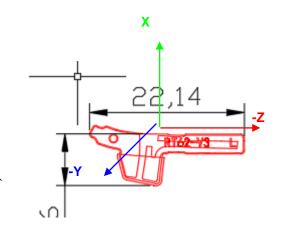
9. Radiation Pattern

9-1.3D Gain Pattern (Radiation Pattern at 2450 MHz)









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TITI E · pt r			PART	S2B4BB1F1B30000	REV.	
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X: ± 1		vise specified) X.XX: ± 0.01				

- 9-2.2D Gain complete machine (Radiation Pattern at 2450 MHz)
- 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 (%)	27.9	29.3	30	29	28.7	26
Gain (dBi)	1.62	1.15	1.24	1.23	1.06	0.95

10.Revision Control:

Revision	Date	Content	Remark
Α	2023-7-14	New Issued.	N/A

Tolerances (Unless oth X: ± 1 X.X: ±	• • •	- 3			
Angle: ±	Hole Dia. : ±	深圳市迎丰天线技术有限公司 SHEN ZHEN YINGFENG ANTENNA TECHNOLOGYCO.,LT			
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