BT FPC Antenna (RT1351T-R-V2)

1. Explanation of Product Number

S 2 B 4 B B 1 F 1 B 0 9 6 0 0 (1) (2) (3) (4) (5)



Product Description:

(1) Product Categories:

B:BT Antenna

(2) Dimensions:

B1: 24.78*8.40*0.15 (mm)

(3) Material:

F: FPC

(4) Working Frequencies:

1B: 2.4G-2.5G

(5) Antenna Series:

01: Serial number

TITLE: BT FPC Antenna(RT1351T-R-V2)		NO.	S2B4BB1F1B09600	Α	
TITLE ' DT EDC Anton	one/DT4254T D \/2\	PART	\$2D4DD4E4D00600	REV.	
Designed By :Simon	Approved By :Simon	CIRCUMSTANCES \	WITHOUT WRITTEN PERMISSION		
Drawn By : Andy	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 SPECIFICATION	ON IS THE PROPERTY OF UNICEPON TO		
Angle: ± Hole Dia.: ±		深圳市迎丰天线技术有限公司 SHEN ZHEN YINGFENG ANTENNA TECHNOLOGYCOLTD			
X: ± 1	0.1 X.XX : ± 0.01		 	\ =	
Tolerances (Unless oth	erwise specified)				

2. Features

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

3. Applications

*BT

4. Description

* YINGFENG 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.

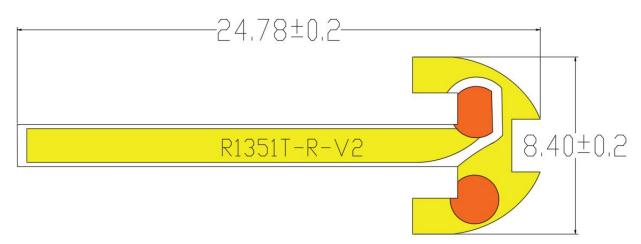
5. Antenna Electrical Specifications :

Characteristics	Specifications					Unit
Outline Dimensions	24.78*8.40*0.15					mm
Frequency		24	00~2500)		MHz
Impedance			50			Ω
Polarization		Linea	r Polariza	ntion		
Return Loss Table			Ret	urn Loss		
Freq.Band	2.4G	Hz		2.45G Hz	2.5G Hz	
dB	-15.5	5	-	-27.39		-20.79
VSWR Table			V	/SWR		
Freq.Band	2.4G	Hz	2	2.45G Hz		2.5G Hz
	1.40 1.08				1.20	
GAIN Table	Total Gain = Xpol + Ppol					
Freq.Band	2400MHz	2450	MHz	2480MHz		2500MHz
Peak Gain(dBi)	35.07	38	.25	38.00		36.66

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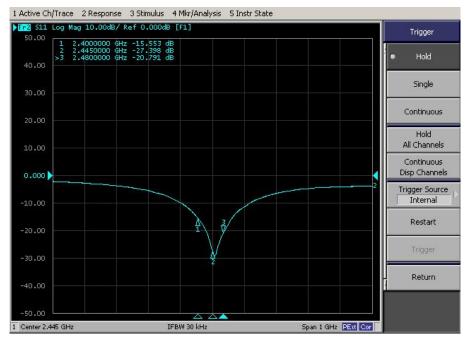
6. Dimensions (unit: mm)

blic errand: ±0.2mm



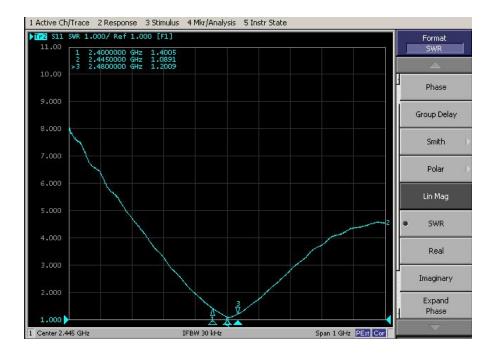
7. Measurement Characteristics:

(1) Return Loss

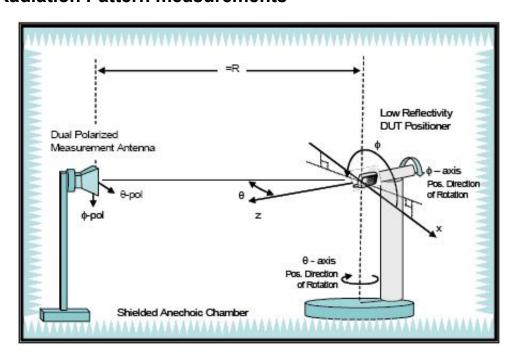


(2) VSWR

Tolerances (Unless oth X: ± 1 X.X: ±	nerwise specified) 0.1 X.XX: ± 0.01	- 3					
Angle: ±	Hole Dia. : ±	不深圳	市迎丰天线技术有限公司 N YINGFENG ANTENNA TECHNOLOGY				
Scale :	Unit: mm						
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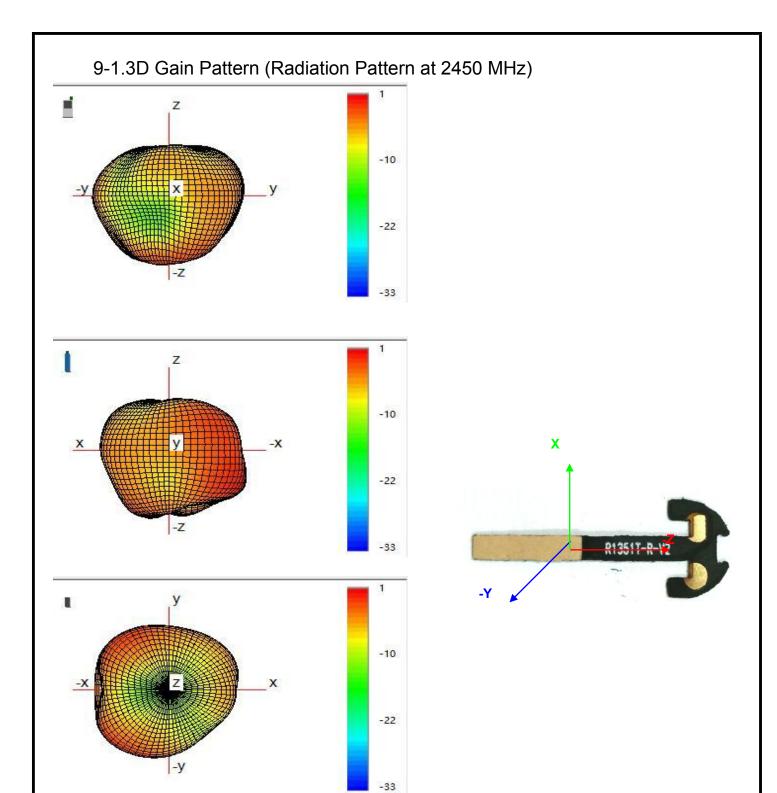


8. Three D Radiation Pattern measurements



9. Radiation Pattern

Tolerances (Unless otherwise specified)						
X: ± 1 X.X: ±	$0.1 X.XX : \pm 0.01$	-3				
Angle : ±	Hole Dia. : ±	深圳市迎丰天线技术有限公司 SHEN ZHEN YINGFENG ANTENNA TECHNOLOGYCOLTD				
Scale :	Unit: mm	THE OPERIEDATE	ON 10 THE PROPERTY OF HAUGTRON TEX	INOLOGIES		
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TITLE:BT FPC Antenna(RT1351T-R-V2)		NO.	S2B4BB1F1B09600	Α		
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9-2.2D Gain complete machine (Radiation Pattern at 2450 MHz)

Tolerances (Unless oth	- ,	. a				
$X: \pm 1$ $X.X: \pm$	$0.1 X.XX : \pm 0.01$	-3				
Angle : ±	Hole Dia. : ±		市迎丰天线技术有限公			
		SHEN ZHE	N YINGFENG ANTENNA TECHNOLOGY	CO.,LTD		
Scale :	Unit: mm					
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TITLE:BT FPC Antenna(RT1351T-R-V2)		NO.	S2B4BB1F1B09600	Α		
			PAGE 5 C	F 6		

9-3.complete machine Efficiency Table

Frequency(MHz)	2400	2420	2450	2460	2480	2500
Efficiency (%)	35.07	37.73	38.25	37.75	38.00	36.66
Gain (dBi)	1.38	1.59	1.68	1.32	1.52	1.46

10-1 产品包装 Product packaging

版本 edition:: V2.0	页码 Page: 1/1
1.产品排版: 25*6=150PCS	2.离型纸隔层摆放保护天线 Barrier paper
	protection products
3.密封袋封装效果	4.纸箱封箱效果(贴出货标签和 ROHS 标签
Sealing bag packaging effect	Carton sealing effect
1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1- 1-	PERSON VIII.S PARSON

10-2.Revision Control:

Revision	Date	Content	Remark
Α	2024-12-02	New Issued.	N/A

Tolerances (Unless oth X: ± 1 X.X: ±	nerwise specified) 0.1 X.XX: ± 0.01	-3					
Angle: ±	Hole Dia. : ±		市迎丰天线技术有限公司 N YINGFENG ANTENNA TECHNOLOGY	_			
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	/	PART	007/77/77	REV.			
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