BT FPC Antenna (S2-TX)

1. Explanation of Product Number

S 2 B 4 B B 1 F 1 B 7 8 0 0 0

(1) (2) (3) (4) (5)



Product Description:

(1) Product Categories:

B:BT Antenna

(2) Dimensions:

B1: 27.92*23.01*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(S2-TX)		NO.	32D4DD1F1D70000	В
FITI E : DT FDC Amee	(C2 TV)	PART	S2B4BB1F1B78000	REV.
Designed By :Andy	Approved By :Simon	CIRCUMSTANCES	WITHOUT WRITTEN PERMISSION	
Drawn By : Shelley	Checked By : Simon	THIS SPECIFICATION IS THE PROPERTY OF UNICTRON TECHNOLO CORPORATION AND SHALL NOT BE REPRODUCED OR USED II		
Scale :	Unit : mm	THIS SPECIFICATION	ON IS THE DEODEDTY OF LINICTRON TEC	LINOLOGIES
Angle: ±	Hole Dia. : ±		市迎丰天线技术有限公 N YINGFENG ANTENNA TECHNOLOG	-
X: ± 1 X.X: ±	0.1 X.XX: ± 0.01	7		_
Folerances (Unless ot	nerwise specifiea)			

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.

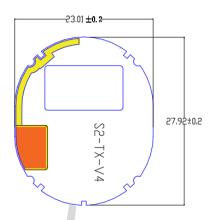
5. Antenna Electrical Specifications:

Characteristics	Specifications				Unit		
Outline Dimensions		27.92	2*23.01*0).15		mm	
Frequency	X	24	100~2500)		MHz	
Impedance			50			Ω	
Polarization	Linear Polarization						
Return Loss Table	Return Loss						
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		
	1.18			1.08		1.29	
GAIN Table		To	tal Gair	n = Xpol + Pp	ol		
Freq.Band	2400MHz	2450	MHz	2485MHz		2500MHz	
Peak Gain(dBi)	1.51	1.7	72	1.69		1.23	

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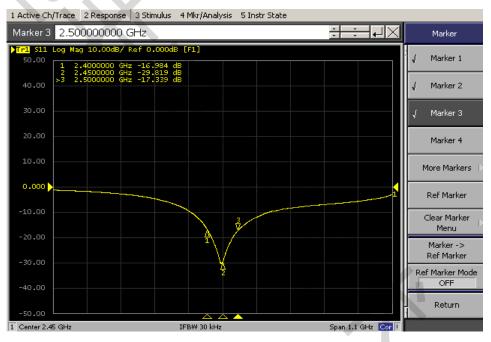
6. Dimensions (unit: mm)

blic errand: ±0.2mm



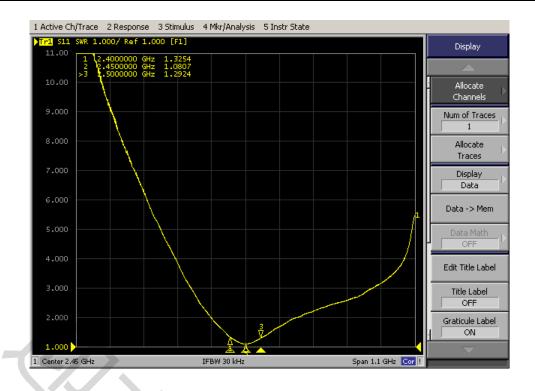
7. Measurement Characteristics:

(1) Return Loss

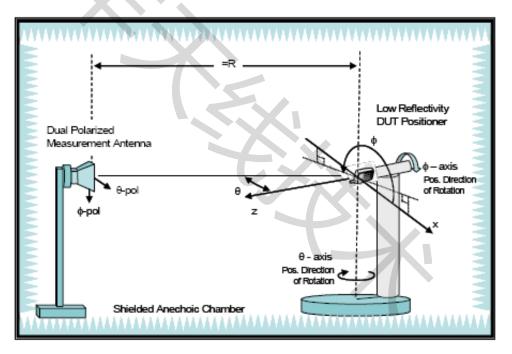


(2) VSWR

Tolerances (Unless oth	erwise specified)	- 3				
X: ± 1	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				
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		NO.	S2B4BB1F1B78000	В		
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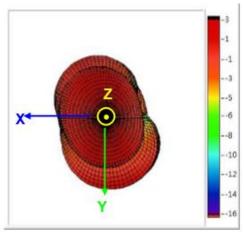
8. Three D Radiation Pattern measurements

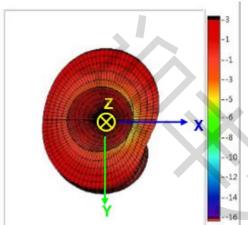


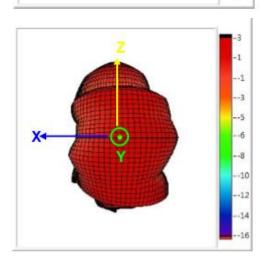
9. Radiation Pattern

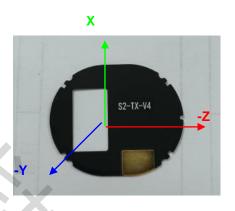
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Angle: ±	Hole Dia. : ±		市迎丰天线技术有限公 N YINGFENG ANTENNA TECHNOLOG			
Tolerances (Unless oth X: ± 1 X.X: ±	• •					

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









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

	PART	S2B4BB1F1B78000	REV.	
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Unit : mm	THIS SPECIFICATION IS THE PROPERTY OF LINICIPON TECHNOLOGIE			
Hole Dia. : ±			-	
erwise specified) 0.1			_	
	Hole Dia. : ± Unit : mm Checked By : Simon	Name	0.1 X.XX:±0.01 Hole Dia.:± SHEN ZHEN YINGFENG ANTENNA TECHNOLOGY Unit:mm THIS SPECIFICATION IS THE PROPERTY OF UNICTRON TECH CORPORATION AND SHALL NOT BE REPRODUCED OR US CIRCUMSTANCES WITHOUT WRITTEN PERMISSION	