BT FPC Antenna (MD060-R)

1. Explanation of Product Number

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Product Description:

(1) Product Categories:

B:BT Antenna

(2) Dimensions:

B1:29.21*7.80*0.15 (mm)

(3) Material:

F: FPC

(4) Working Frequencies:

1B: 2.4G-2.5G

(5) Antenna Series:

01: Serial number

Tolerances (Unless otherwise 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: Andy Checked By: Simon Designed By:Simon Approved By:Simon PART SARABBATEARS.	TITLE: BT FPC Antenna(MD060-R)		NO.	S2B4BB1F1B56000	С	
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 THIS SPECIFICATION IS THE PROPERTY OF UNICTRON TECHNOLOGIES CORPORATION AND SHALL NOT BE REPRODUCED OR USED IN ALL CIRCUMSTANCES WITHOUT WRITTEN PERMISSION		(MD000 D)	PART	C2D4DD4E4DE6000	REV.	
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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.

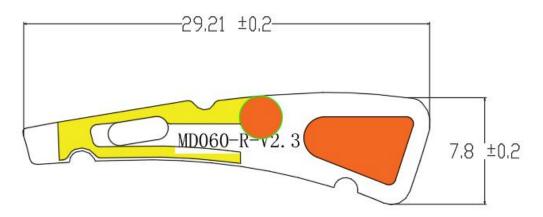
5. Antenna Electrical Specifications :

Characteristics	Spec		Unit	
Outline Dimensions	29.21		mm	
Frequency	24		MHz	
Impedance		50		Ω
Polarization	Linear			
Return Loss Table		Return Loss		
Freq.Band	2.4G Hz	2.45G Hz	2.5	G Hz
dB	-12	-30	-	12
VSWR Table		VSWR	<u> </u>	
Freq.Band	2.4G Hz	2.45G Hz	2.5	G Hz
	1.5	1.1	1	.6
GAIN Table	То	tal Gain = Xpol + Pp	ol	
Freq.Band	2400MHz	2450MHz	2500N	1Hz
Peak Gain(dBi)	1.32	1.68	1.	72

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TITLE: BT FPC Antenna(MD060-R)		NO.	S2B4BB1F1B56000	С
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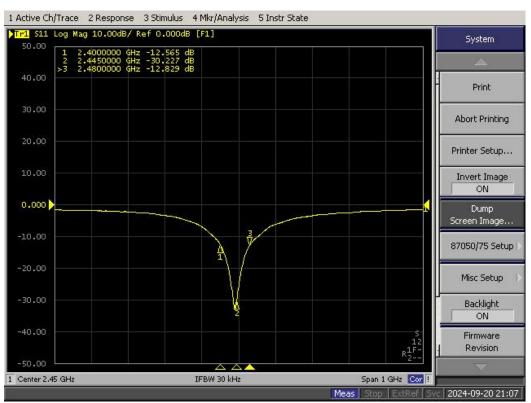
6. Dimensions (unit: mm)

blic errand: ±0.2mm



7. Measurement Characteristics:

(1) Return Loss

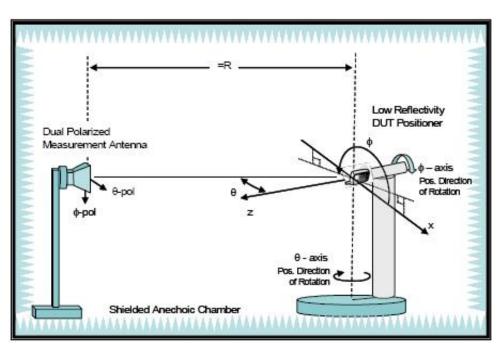


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(2) VSWR



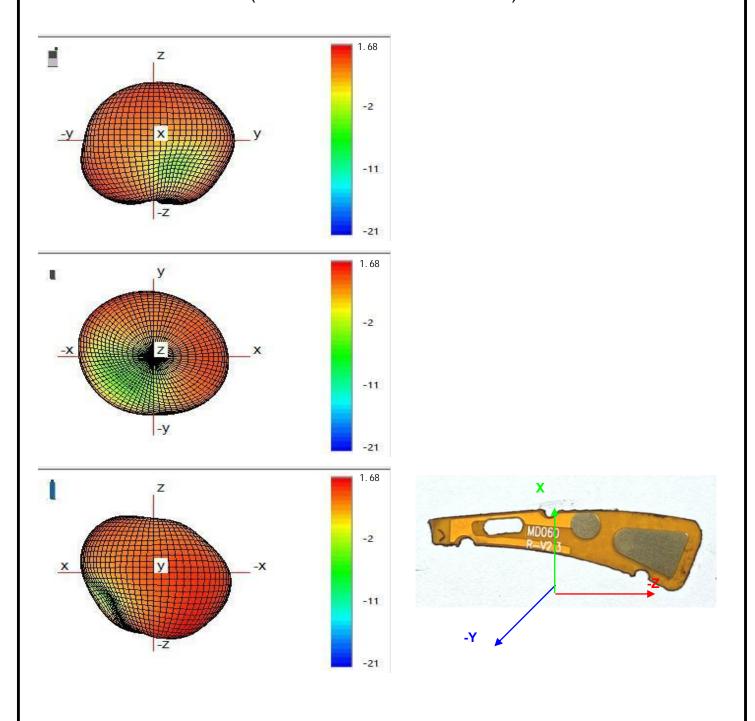
8. Three D Radiation Pattern measurements



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9. Radiation Pattern

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



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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 (%)	30.2	32.1	35.9	35	37.8	37.3
Gain (dBi)	1.32	1.47	1.68	1.55	1.79	1.72

10-1 产品包装 Product packaging

版本 edition:: V2.0	页码 Page: 1/1
1.产品排版: 44*3=132PCS	2.离型纸隔层摆放保护天线 Barrier paper
7 7777	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
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10-2.Revision Control:

Revision	Date	Content	Remark
Α	2024-07-29	New Issued.	N/A

TITLE: BT FPC Antenna(MD060-R)		NO.	320400 IF 1030000	С	
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