

PSA

# 佳邦科技股份有限公司

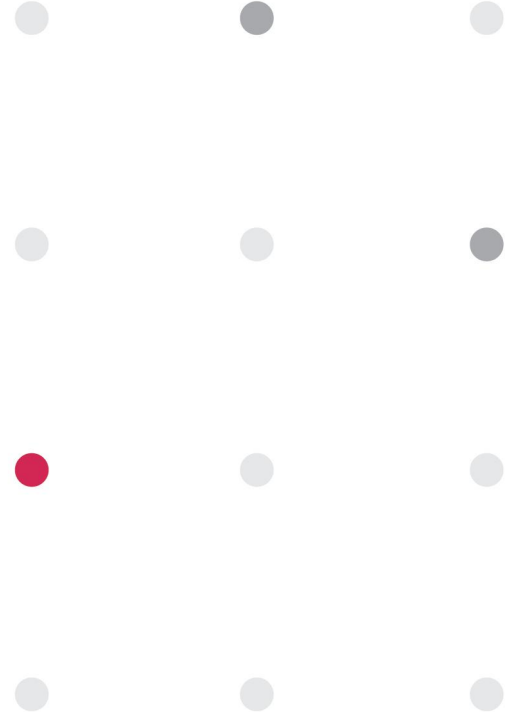
INPAQ TECHNOLOGY CO., LTD.

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**Model: EAN00023**

PSA

PASSIVE SYSTEM ALLIANCE  
INPAQ TECHNOLOGY CO., LTD.





# OUTLINE

## 1. Measurement Information

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## 2. Antenna Characteristics

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## 3. Summary

# 1. Measurement Information

## 1.1 Experimental Setup



# 1. Measurement Information

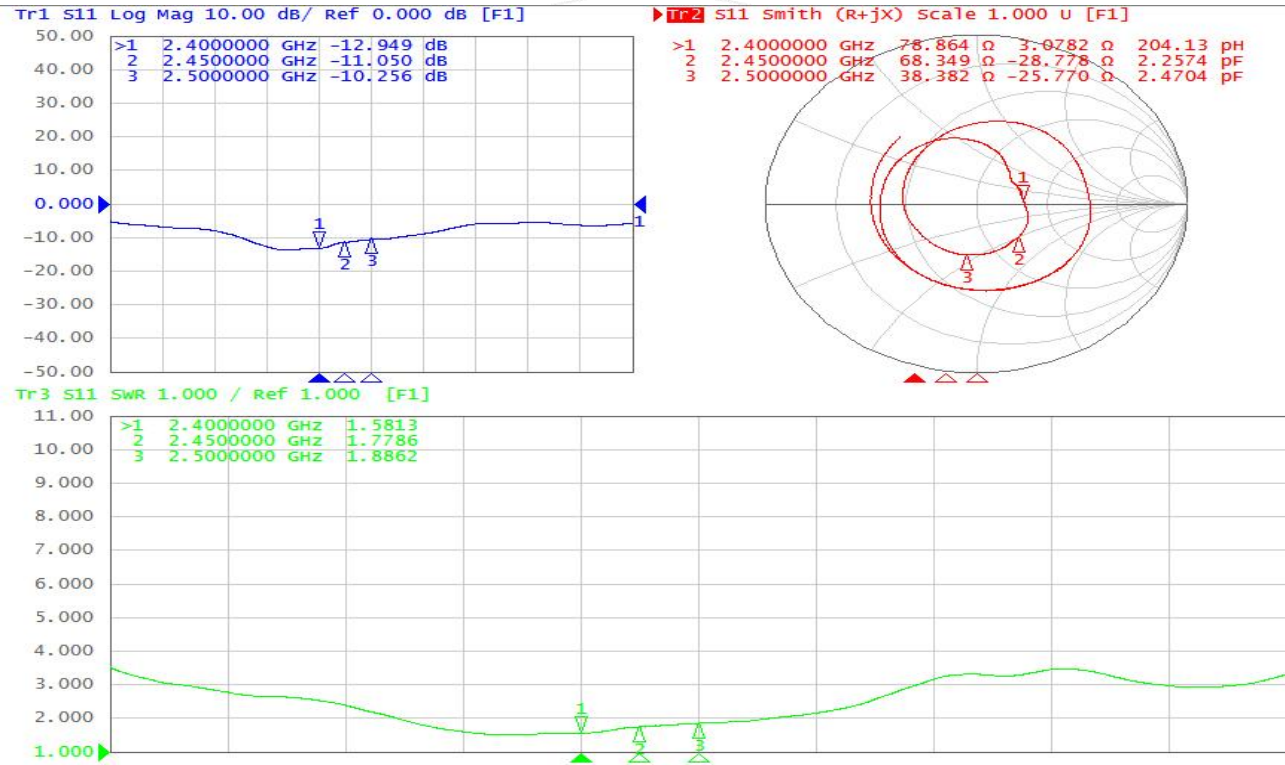
## 1.2 Antenna Solution Detail

天线位置



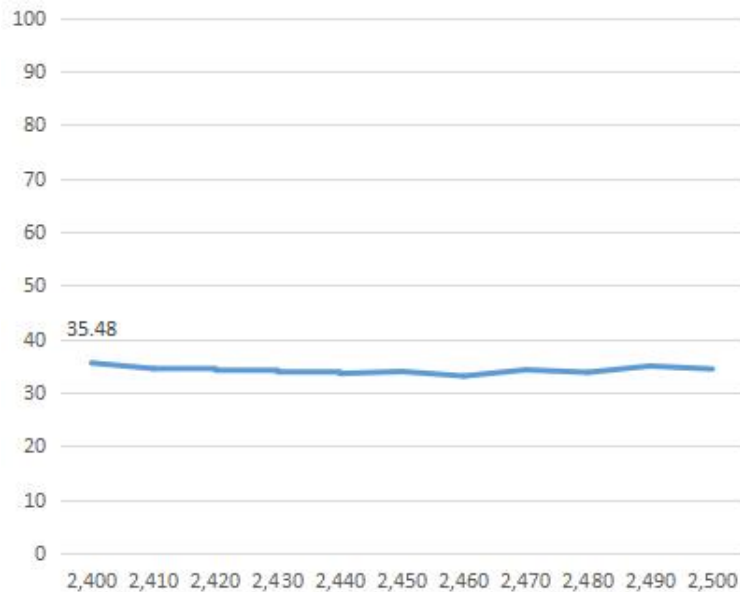
## 2. Antenna Characteristics

### 2.1 S-Parameter

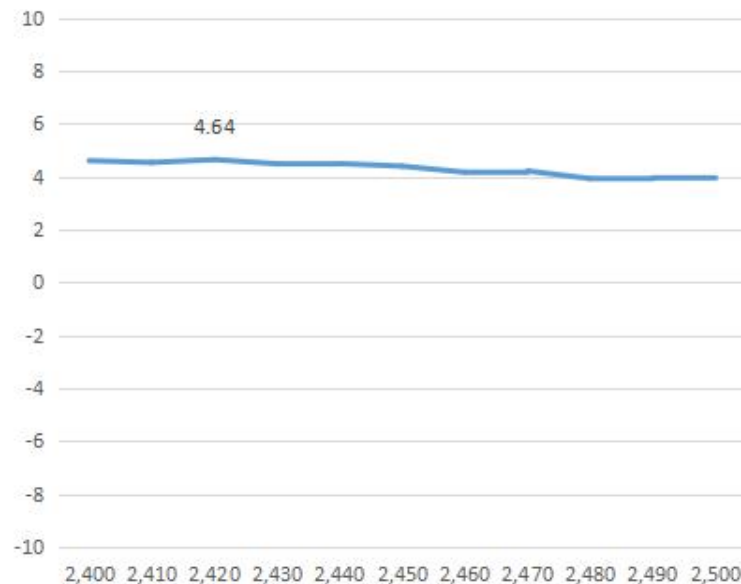


## 2. Antenna Characteristics

### 2.2 Antenna Efficiency and Peak Gain



Maximum Efficiency at 2400 MHz : 35.48%



Maximum Peak Gain at 2420MHz :4.64dBi



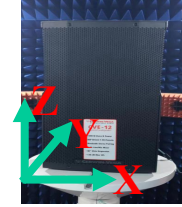
## 2. Antenna Characteristics

### 2.2 Antenna Efficiency and Peak Gain

	ANT	
Frequency (GHz)	Efficiency (%)	Peak gain (dBi)
2.4	35.48	4.6
2.45	33.88	4.39
2.5	34.36	3.91

## 2. Antenna Characteristics

### 2.3 3 views of antenna



X-Z plane



Y-Z plane

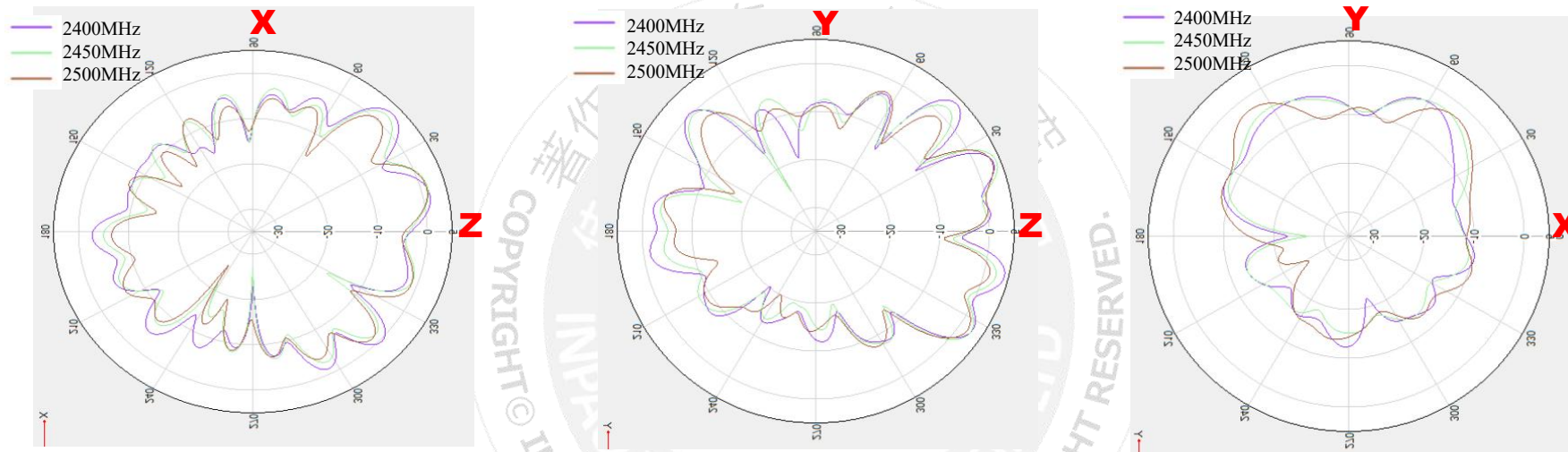


X-Y plane



## 2. Antenna Characteristics

### 2.3 2D Radiation Patterns

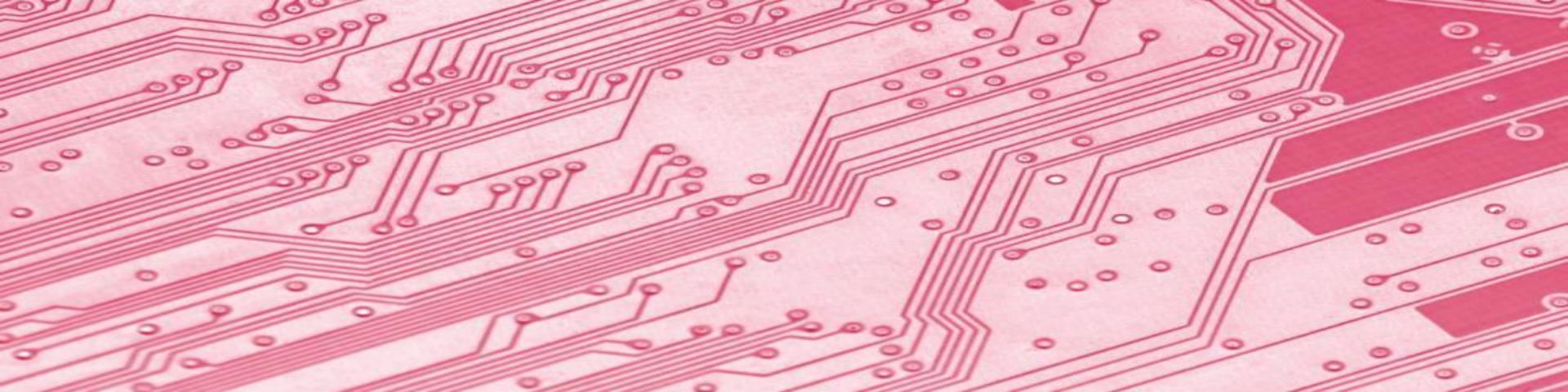


Frequency [MHz]	ZX plane		ZY plane		XY plane	
	Max Value [dBi]	Average [dBi]	Max Value [dBi]	Average [dBi]	Max Value [dBi]	Average [dBi]
2400	3.22	-5.17	4.19	-4.64	-3.23	-10.62
2450	2.19	-5.95	4.23	-5.35	-2.66	-10.36
2500	1.2	-6.6	3.34	-6.14	-2.49	-10.13

### 3. Summary

- The performance of antennas is shown in table

	ANT
<b>Maximum Efficiency (%)</b>	<b>35.48</b>
<b>Maximum Gain (dBi)</b>	<b>4.64</b>

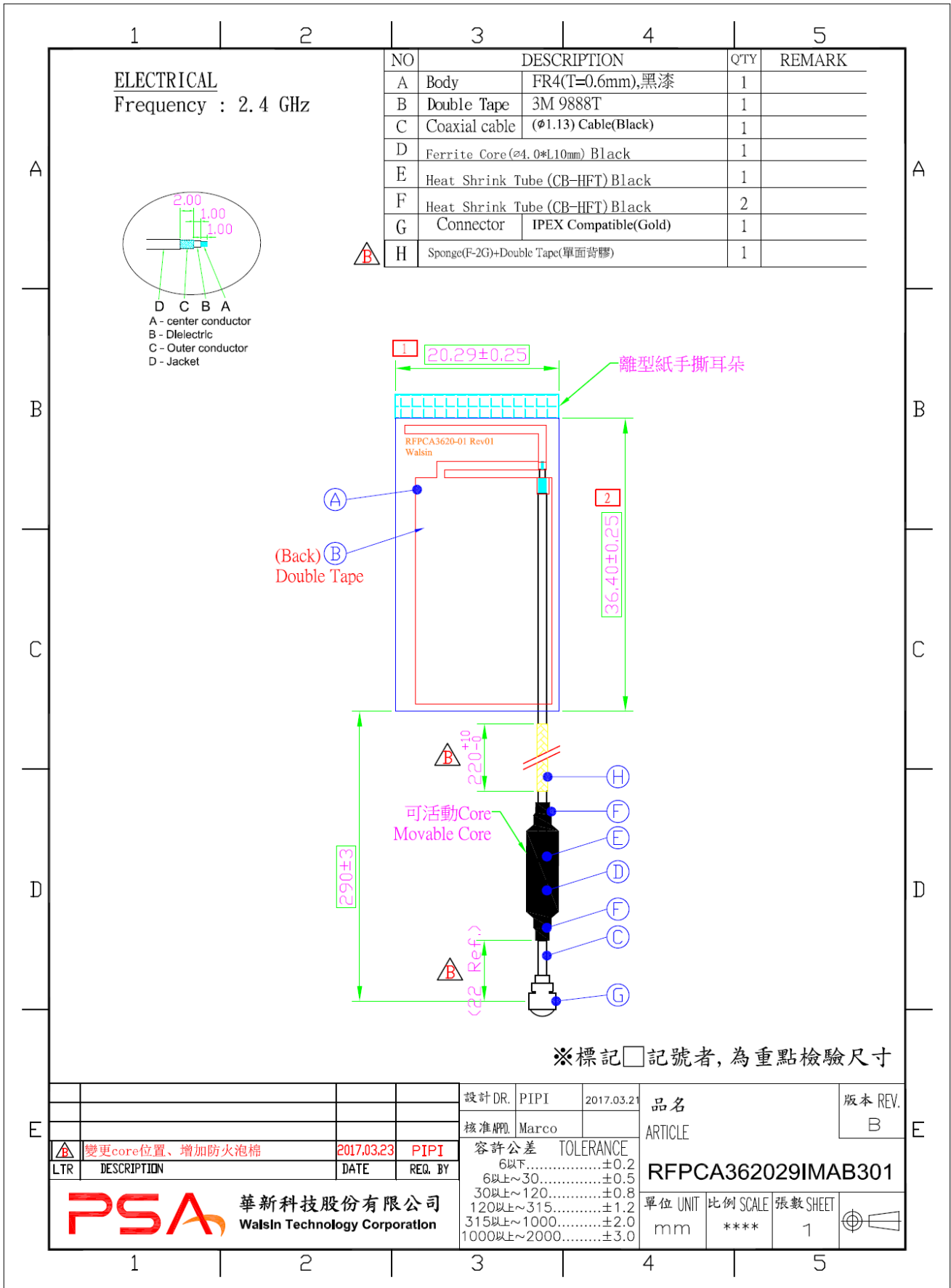


# Title for Image (above image could be replaced)

## Content Details

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# Dimensions



# Thank you

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