


1.Explanation of part number :

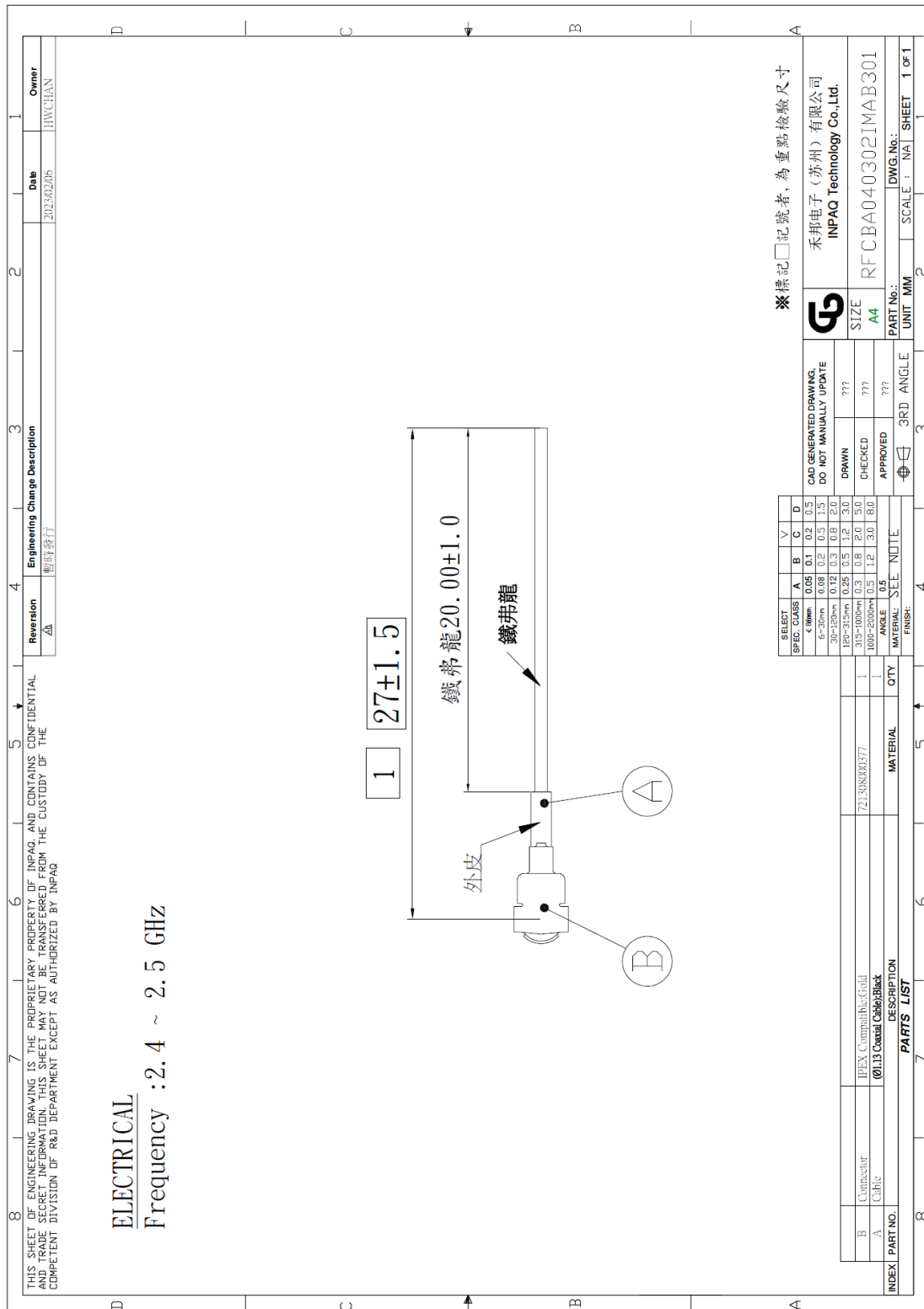
RF	CBA	0403	02	I	M	A	B	3	01
Type Code	Product Code	Connector Dimension (Unit: mm)	Cable Length (unit: cm)	Connector Brand	Type of Connector	Application	Project status	Wire Diameter	Project
Walsin RF Device	CBA: Cable Assembly	Per 2 digits of length, width e.g.:0403 Length 4.7mm, Width 3.0mm	2 digits for cable length e.g.: 02 Length 2.7cm	A: N C:MCX D:IPEX III E: IPEX IV F: IPEX A13 H: Hirose I: IPEX M: MMCX S: SMA T: TNC U:MURATA N: None	A: Reverse Female B: Reverse Male F: Female M: Male N: None	0: 0GHz 3: 3GHz 5: 5 GHz 6: 6GHz A: 2.4GHz ISM band B: GSM 900/1800 dual band G: GPS band L: 2.4/5.2/5.8 GHz tri-band N: NFC T:LTE band W: WCDMA band	B: MP T:During Test X: Pile Run	0:None 1:Ø0.81 2:Ø1.32 3:Ø1.13 4:Low Loss Ø1.13 5:Ø0.50 6:RG316 7:Ø1.37 8:RG178 9:Low Loss Ø1.37 A:RG174 B:RG178 單芯線	01~99 series number


2.Electrical Specification :

Item	Specification
Frequency Range	2.4 ~ 2.5 GHz
Return Loss	-3dB(Max)
VSWR	6 max.
Peak Gain	-0.80 dBi
Polarization	Linear
Radiation Pattern	Omni-directional
Impedance	50Ω
Operation Temperature	-20℃ ~ +65℃

UNLESS OTHER SPECIFIED TOLERANCES ON : X=N/A X.X=N/A X.XX=N/A ANGLES=N/A HOLEDIA=N/A			INPAQ TECHNOLOGY CO., LTD.	
SCALE : N/A	UNIT : mm			
DRAWN BY : 詹惠雯	CHECKED BY : 詹惠雯	THIS DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF INPAQ TECHNOLOGY CO.,LTD.AND SHALL NOT BE REPRODUCED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS OR DEVICES WITHOUT PERMISSION		
DESIGNED BY : 黃瑞郎	APPROVED BY : 陳振榮			
TITLE : RFCBA040302IMAB301		DOCUMENT NO.	ENS070028440-000899910250	SPEC REV. A0

3. Antenna Drawing :

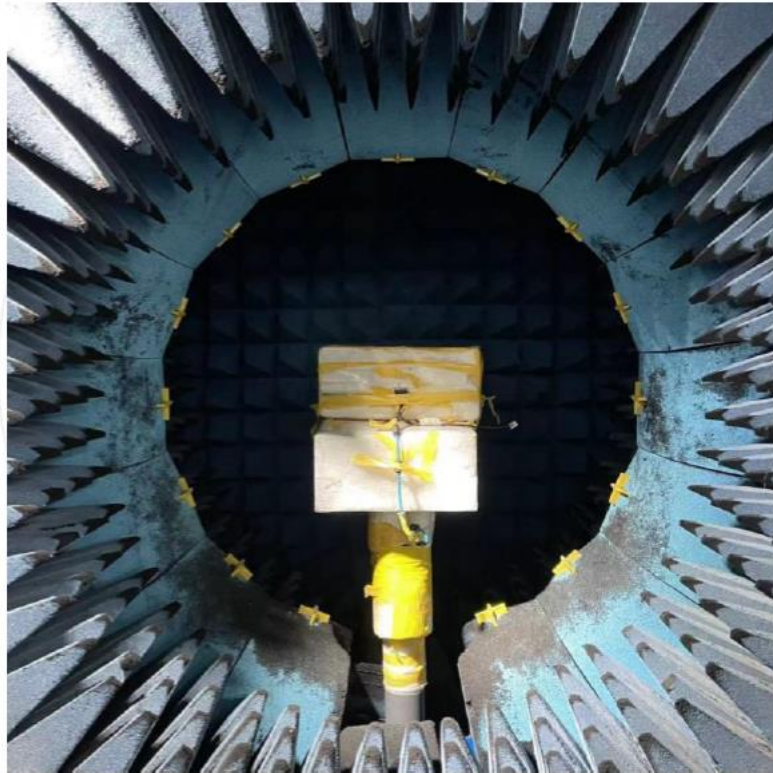
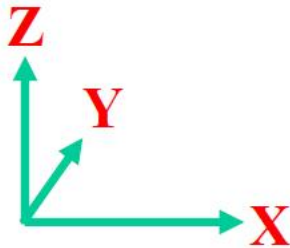


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4. Performance Report :


Test Report

Experimental Setup



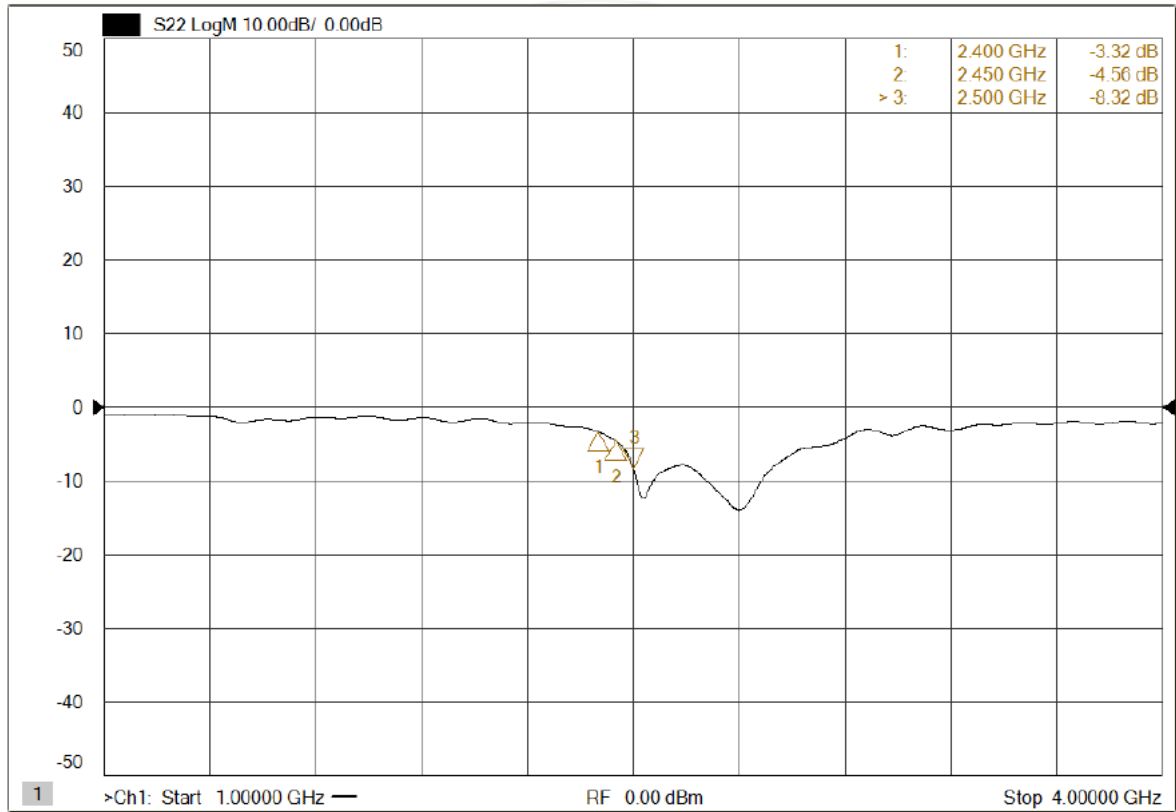
Antenna Solution Detail




UNLESS OTHER SPECIFIED TOLERANCES ON : X=N/A X.X=N/A X.XX=N/A ANGLES=N/A HOLEDIA=N/A		 INPAQ TECHNOLOGY CO., LTD.
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ELECTRICAL CHARACTERISTICS

Return Loss



UNLESS OTHER SPECIFIED TOLERANCES ON : X=N/A X.X=N/A X.XX=N/A ANGLES=N/A HOLEDIA=N/A		 INPAQ TECHNOLOGY CO., LTD.
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■ Antenna Efficiency & Peak Gain

2500 ~ 2500 MHz



Maximum Efficiency at 2500 MHz : 25.28 %

Maximum Peak Gain at 2500 MHz : -0.80 dBi

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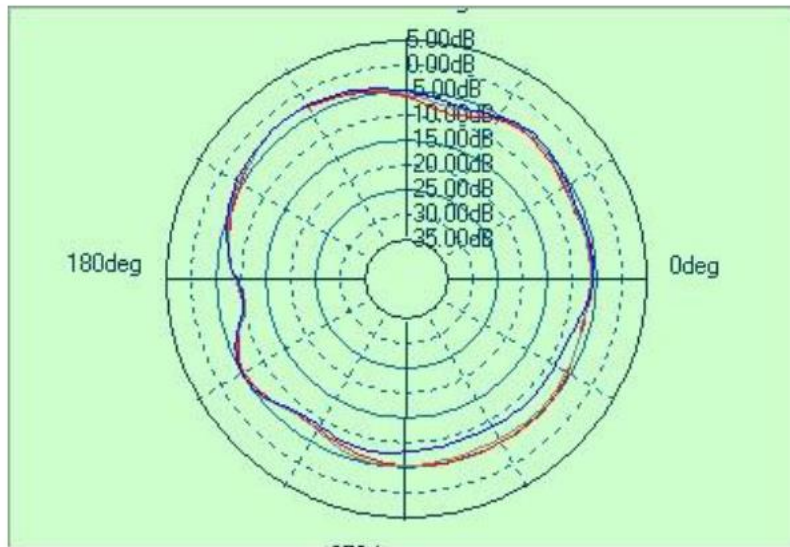
RADIATION PATTERN


2500 ~ 2500 MHz

X-Z Plane

Phi=0.00deg

Gain . dB

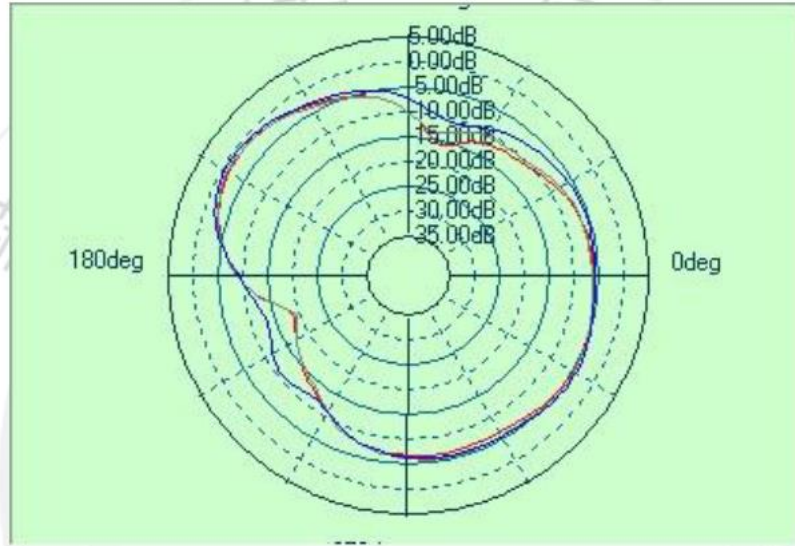



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Y-Z Plane

Phi=90.00deg

Gain . dB

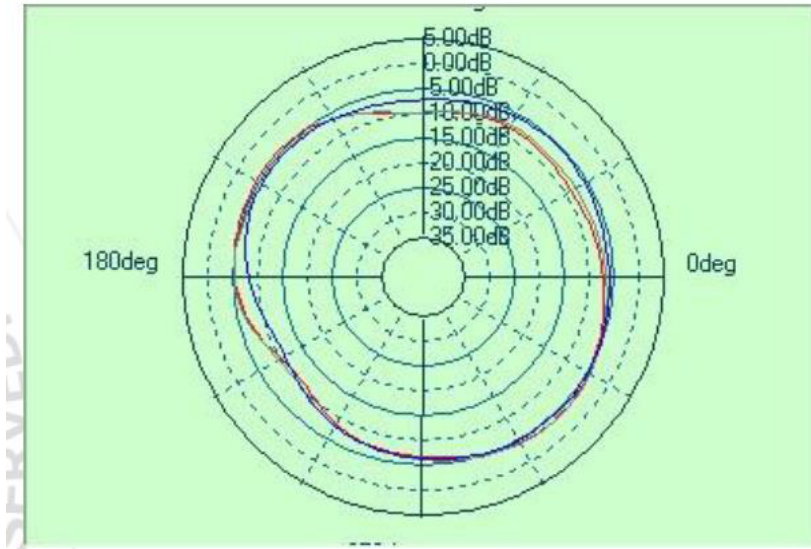


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X-Y Plane

Theta=90.00deg

Gain . dB



Frequency [MHz]	ZX plane		ZY plane		XY plane	
	Max Value [dB]	Average [dB]	Max Value [dB]	Average [dB]	Max Value [dB]	Average [dB]
2400	-3.33	-6.02	-1.68	-6.70	-4.02	-6.84
2450	-3.23	-5.90	-1.60	-6.50	-3.81	-6.67
2500	-3.23	-6.28	-0.80	-5.80	-4.71	-6.61

UNLESS OTHER SPECIFIED TOLERANCES ON:
 X=N/A X.X=N/A X.XX=N/A
 ANGLES=N/A HOLEDIA=N/A



INPAQ TECHNOLOGY CO., LTD.

SCALE: N/A UNIT: mm
 DRAWN BY: 詹惠雯 CHECKED BY: 詹惠雯
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5. Package

禾邦電子有限公司					
RFCBA040302IMAB301生規	頁次： 4 之 3 版次：A0版				
2023/3/9					
包裝圖					
<p>圖一</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  單pcs產品 </div> <div style="text-align: center;">  自封袋 </div> <div style="text-align: center;">  100PCS/袋 </div> </div> <p>圖二</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div> <p>圖三</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div>					
<p>產品包裝規範：</p> <ol style="list-style-type: none"> 將每100PCS產品放入自封袋中,封口並粘貼製造標籤 (如圖一) 將泡棉放入外箱中(如圖二) 將裝好的成品(如圖三)放入外箱中·上下各放1片珍珠棉·每箱放5000PCS·封箱需6面封箱·呈“工”字封箱。 <p>製造標籤圖示：實物標籤內容僅作參考 具體內容以出貨料號為準</p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Metal Antenna 370625 RFMTA370625IMAB301 75B1031604 10</p>  <p>WW0121-031922193619-200 75B1031604 0001</p> </div> <div style="width: 50%;"> <p>第一排：機種+空格+Antenna+空格+規格的6-11位 第二排：規格+空格+批號+空格+數量 第三排：規格內容：規格+批號+序號(同第四排最後的4碼流水碼)+數量(單位是K/PCS) 第四排：“-”+打印者工號+“-”月份+日期+年+時+分+秒+“-”+“當次打印的”標籤數量” +批號+4碼流水碼</p> </div> </div> <p>製造標籤規格：銅版紙 (L85±5mm*W25±3mm) 字體規格：標楷體 製造標籤條碼規格：code 128 (高度80mm)</p> <p style="text-align: right; font-size: small;">標籤注釋權屬 (PSA) 華新科技股份有限公司</p>					
核准：	何耀輝	審核：	趙文豹	制定：	付猛

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