

No. 90, Ke Yi Street, Zhounan Town, Miaoli County, 350402

RFMTA221300NNAB002

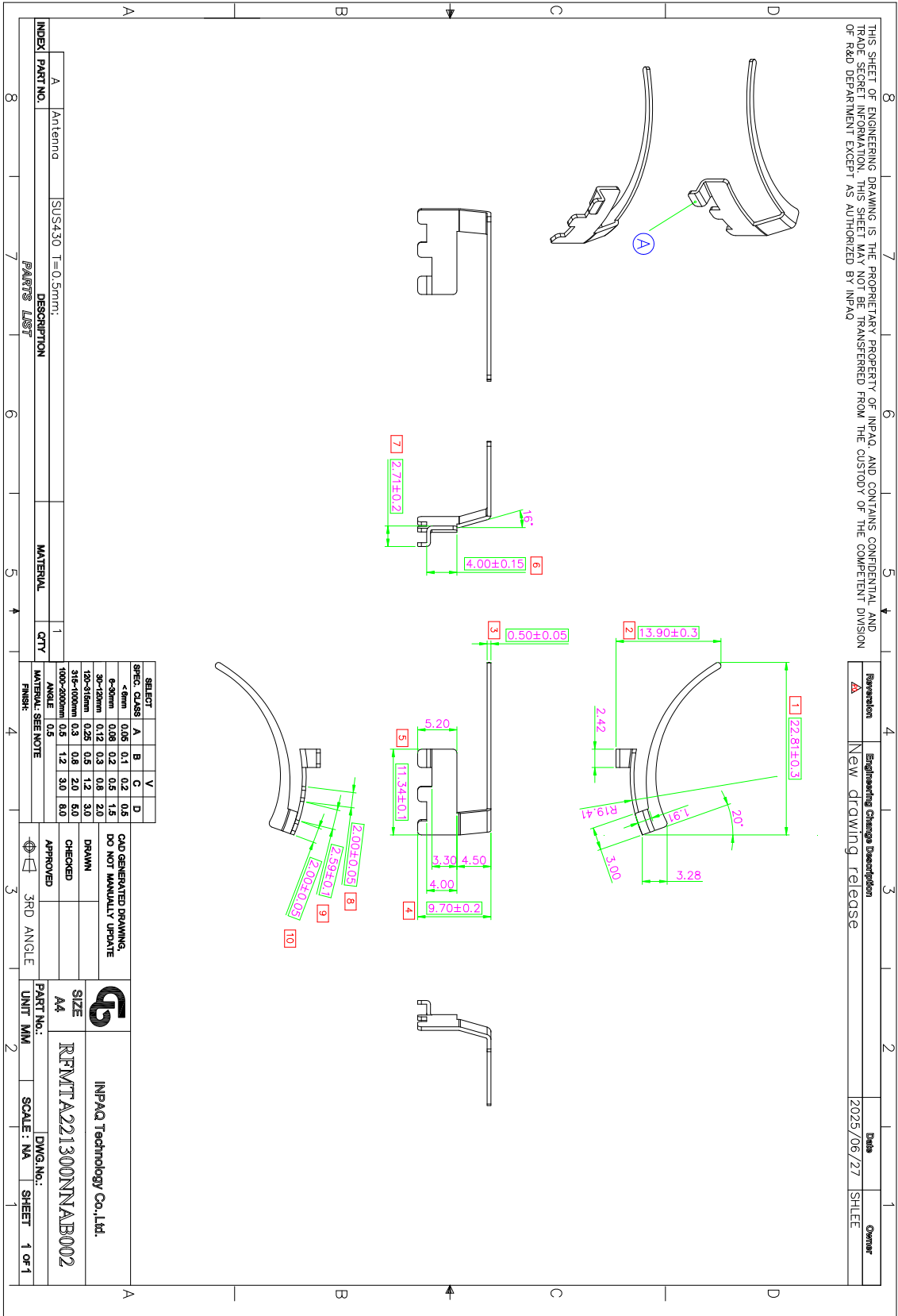
1. Explanation of part number :

RF	MTA	2213	00	N	N	A	B	0	02
Type Code	Product Code	Dipole Dimension (Unit: mm)	Cable Length (unit: cm)	Connector Brand	Type of Connector	Application	Project status	Wire Diameter	Project
RF Device	MTA: Metal Antenna	Per 2 digits of length, width e.g.: 2513 Length 25.79mm, Width 13.8mm	2 digits for cable length e.g.:00 Length None	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: 0.81 3: 1.13 6:RG316 7: 1.37 8:RG178	01~99 series number

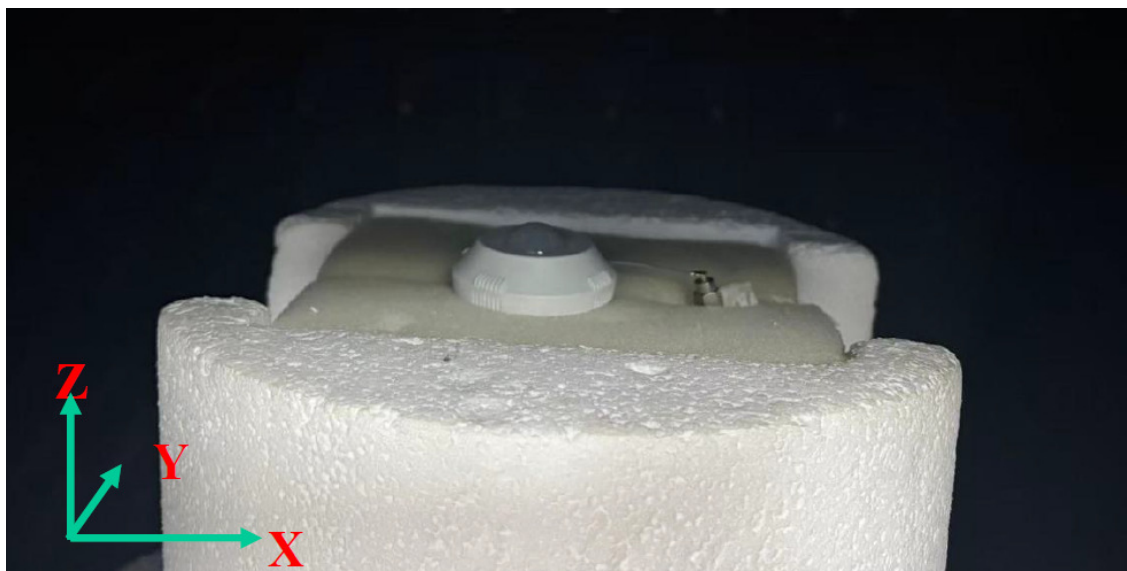
2. Electrical Specification :

Item	Specification
Working Frequency Range	2.4~2.5 GHz
Return Loss	-10dB(Max)
VSWR	2 max.
Peak Gain	0.6 dBi
Polarization	Linear Vertical
Radiation Pattern	Directional
Impedance	50Ω
Operation Temperature	-20℃ ~ +65℃

3. Antenna Drawing :



4. Performance Report :

Test Report**■ Experimental Setup**

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

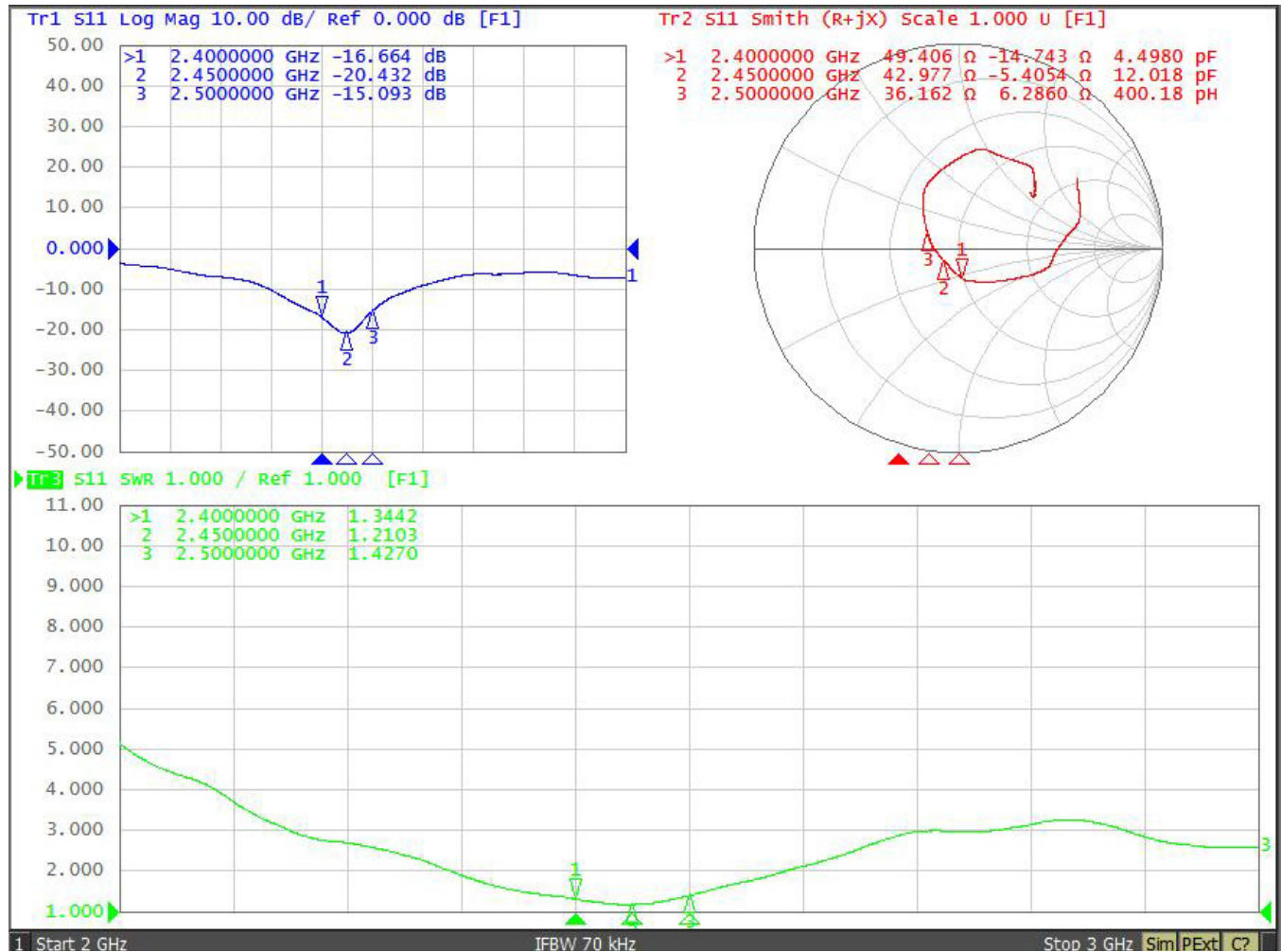
**INPAQ TECHNOLOGY CO., LTD.****SCALE : N/A****UNIT : mm****DRAWN BY : 李欣樺****CHECKED BY : 詹惠雯****DESIGNED BY : 林育帆****APPROVED BY : 陳振榮**

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TITLE : RFMTA221300NNAB002**DOCUMENT
NO.****SPEC REV.
P1**

ELECTRICAL CHARACTERISTICS

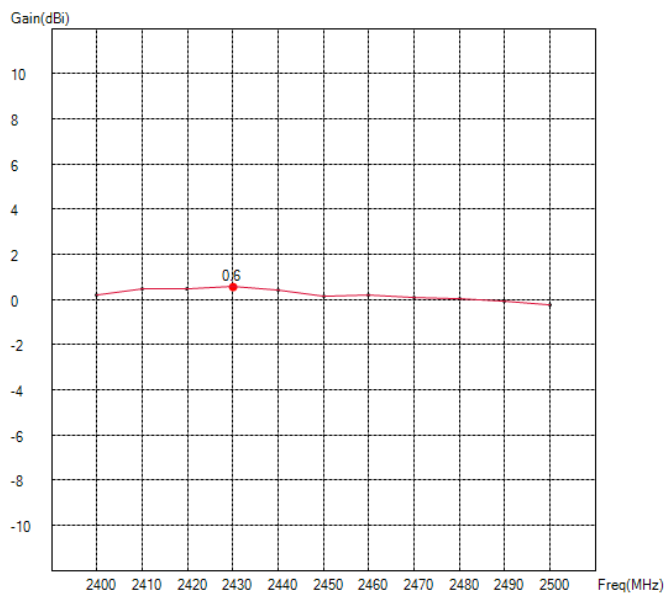
S-Parameter



Antenna Efficiency and Peak Gain



Maximum Efficiency at 2430MHz : 49.36 %



Maximum Peak Gain at 2430MHz : 0.6 dBi

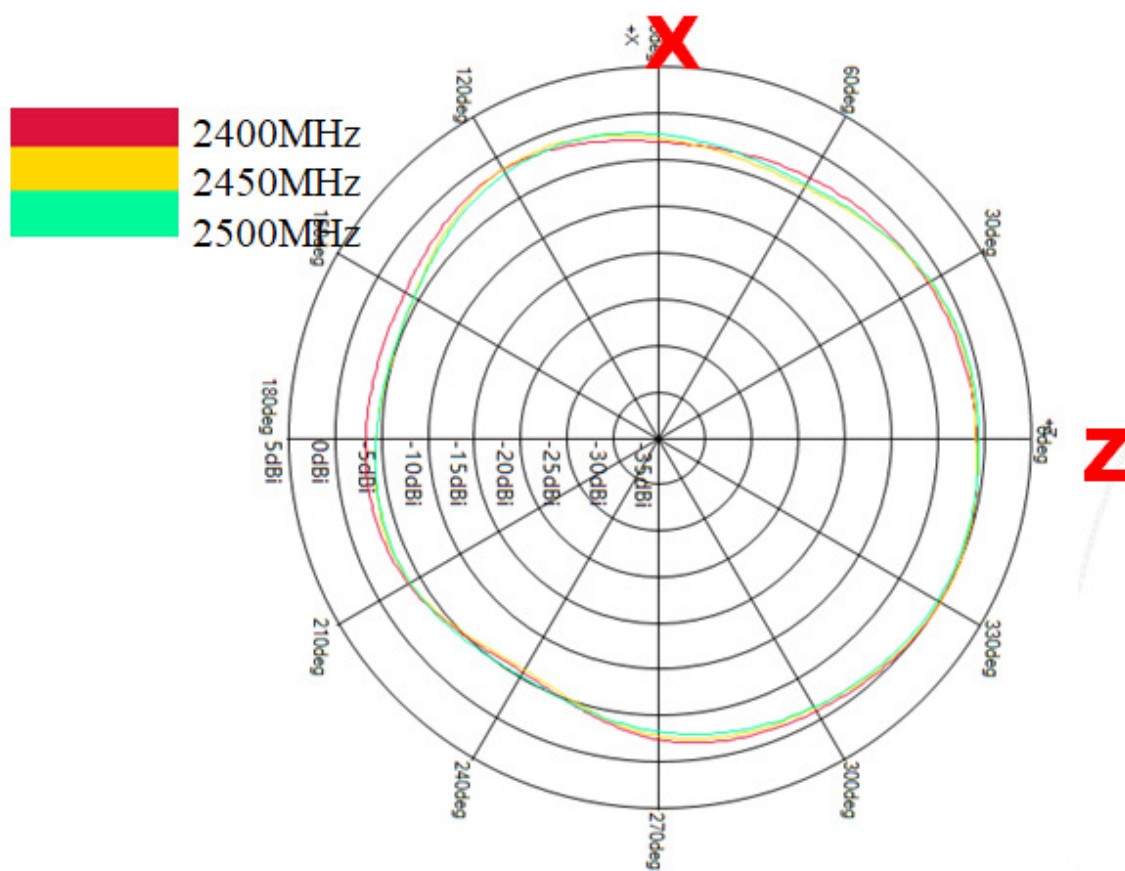
RADIATION PATTERN

2400~2500 MHz

X-Z Plane

Phi=0.00deg

Gain . dBi



Y-Z Plane

Phi=90.00deg

Gain . dBi

