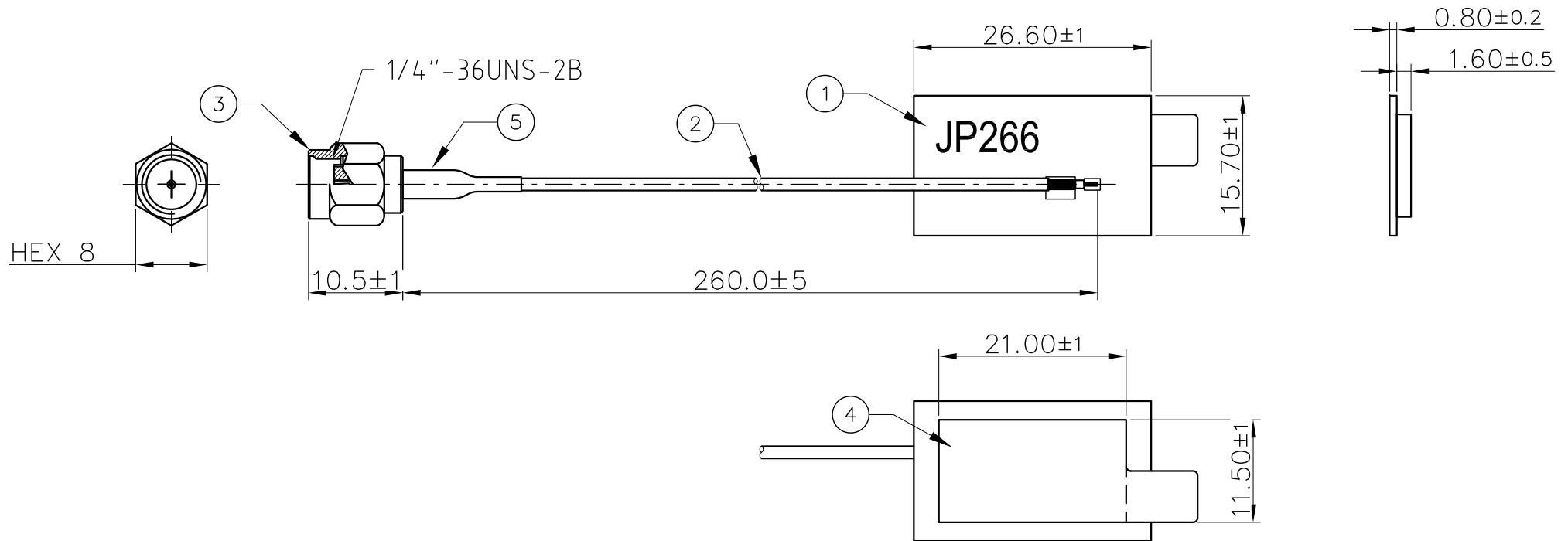


| NO. | NAME            | FINSH       | MAT'L | Q'TY | MEMO        |
|-----|-----------------|-------------|-------|------|-------------|
| 1.  | PCB             | BLACK       | FR4   | 1    |             |
| 2.  | Cable           | WHITE       | --    | 1    | ø1.37       |
| 3.  | Connector       | GOLD PLATED | BRASS | 1    | RP SMA PLUG |
| 4.  | 拉耳泡綿背膠          | WHITE       | --    | 1    | T=1.6mm     |
| 5.  | Heat-Shrinkable | BLACK       | PE    | 1    |             |



| PROJECTION                                                                            |       | TOLERANCE UNLESS<br>OTHERWISE SPECIFIED |        |          | 亞驪企業股份有限公司<br>ARISTOTLE ENTERPRISES INC.<br><br>TITLE<br><br>RFA-25-JP266-79W-260<br><br>DWG NO.<br><br>RFA-25-JP266-79W-260 |
|---------------------------------------------------------------------------------------|-------|-----------------------------------------|--------|----------|------------------------------------------------------------------------------------------------------------------------------|
|  |       |                                         |        |          |                                                                                                                              |
| UNITS                                                                                 |       | LINER                                   | ANGLE  |          |                                                                                                                              |
| MM                                                                                    |       | .X ±1.0                                 | X° ±5° |          |                                                                                                                              |
|                                                                                       |       | .XX ±0.5                                |        |          |                                                                                                                              |
|                                                                                       |       | .XXX ±0.2                               |        |          |                                                                                                                              |
| REV.                                                                                  | A     |                                         |        |          |                                                                                                                              |
| SHEET                                                                                 | 1/1   | CHKD.                                   |        |          |                                                                                                                              |
| SIZE                                                                                  | SCALE |                                         |        |          |                                                                                                                              |
| A4                                                                                    | 1:1   | DRAW                                    | Gino   | 20230524 |                                                                                                                              |

|      |      |      |      |       |       |       |      |          |                      |         |
|------|------|------|------|-------|-------|-------|------|----------|----------------------|---------|
| 3.   |      |      |      | REV.  | A     |       |      |          | RFA-25-JP266-79W-260 |         |
| 2.   |      |      |      | SHEET | 1/1   | CHKD. |      |          |                      | DWG NO. |
| 1.   |      |      |      | SIZE  | SCALE |       |      |          |                      |         |
| REV. | ECN. | NAME | DATE | A4    | 1:1   | DRAW  | Gino | 20230524 | RFA-25-JP266-79W-260 |         |

### Antenna Type : PIFA

### RFA-25-JP266-79W-260

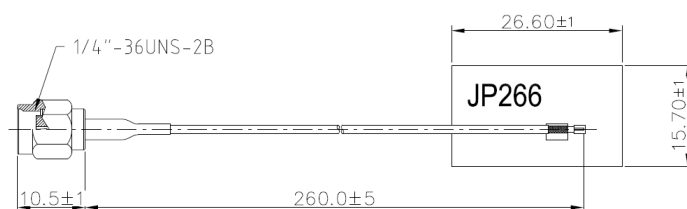
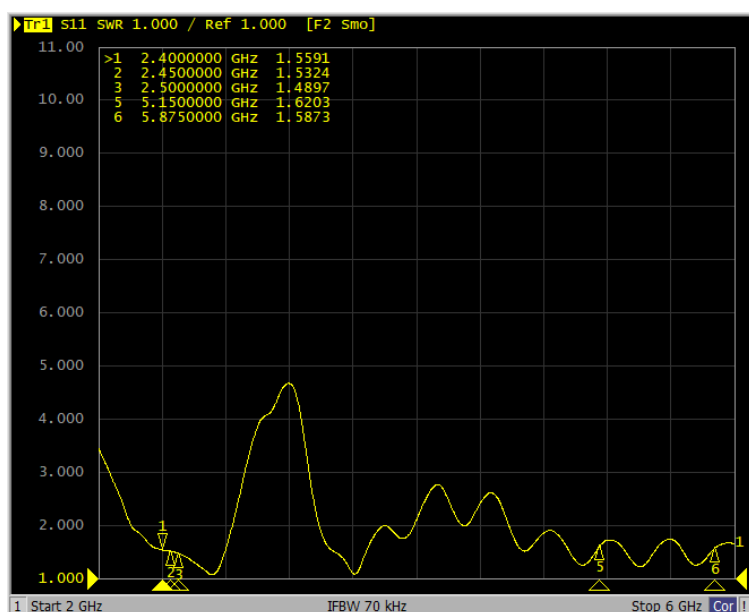
#### Electrical Specifications

|                 |                    |               |
|-----------------|--------------------|---------------|
| Frequency range | 2400-2500 MHz      | 5150-5875 MHz |
| Peak gain       | 6.44 dBi           | 8.26 dBi      |
| Average gain    | -2.24 dBi          | -2.71 dBi     |
| VSWR(in Device) | 2.0 : 1 Max.       | 2.0 : 1 Max.  |
| Polarization    | Linear, vertical   |               |
| Impedance       | 50 $\Omega$        |               |
| Connector       | RP SMA PLUG        |               |
| Cable           | $\varnothing$ 1.37 |               |

#### Environmental & Mechanical Characteristics

|             |                 |
|-------------|-----------------|
| Temperature | - 40°C to +85°C |
| Humidity    | 95% @ 25°C      |

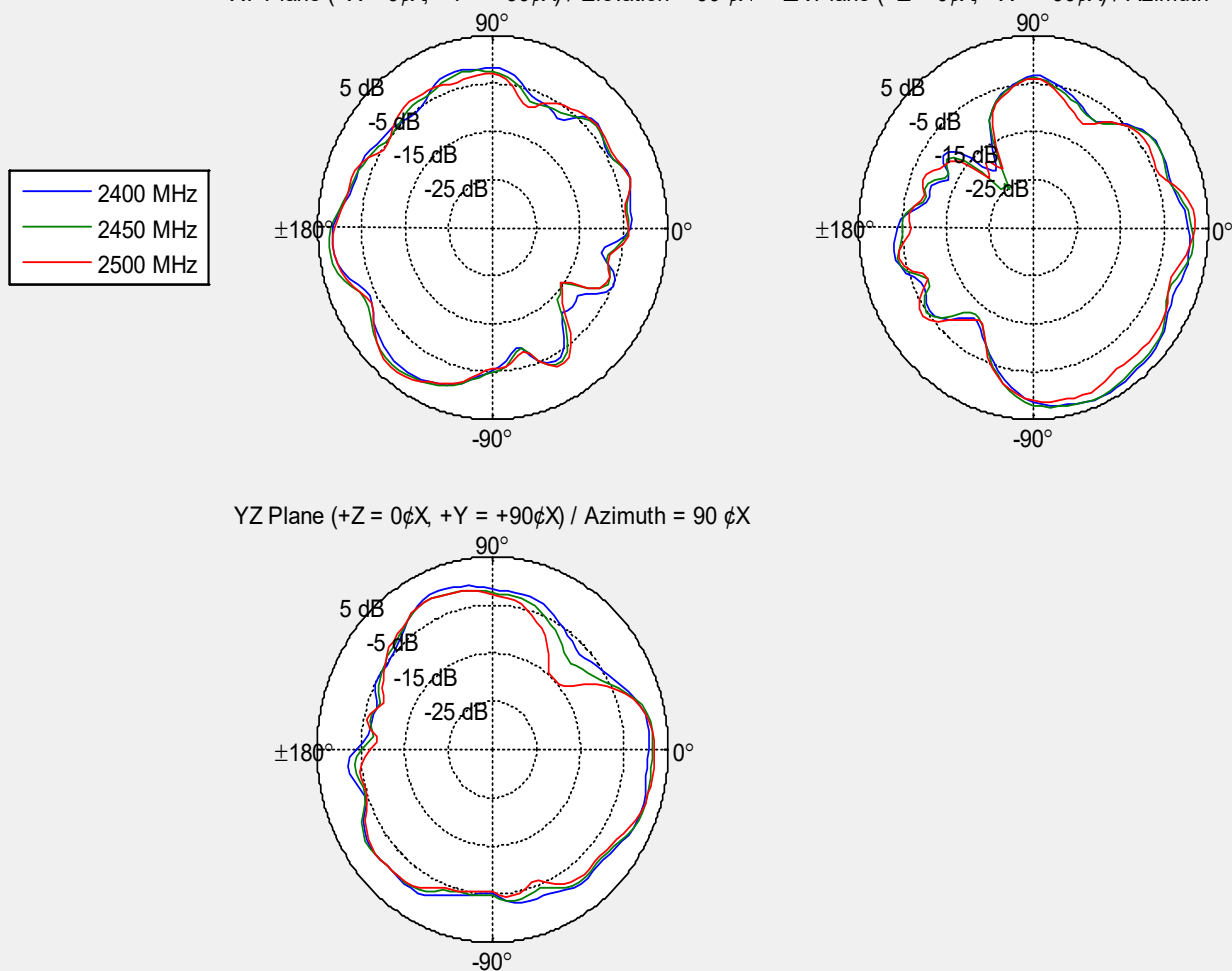
#### VSWR



## Radiation Pattern

2G Band = 2400 - 2500 MHz % 2G BAND

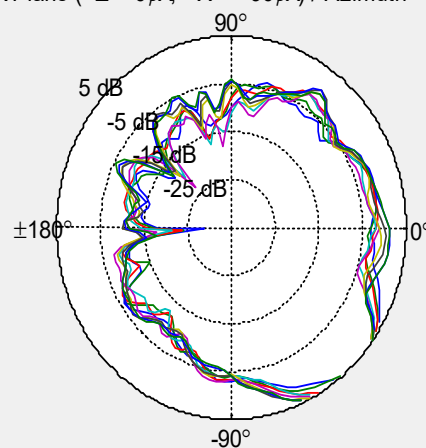
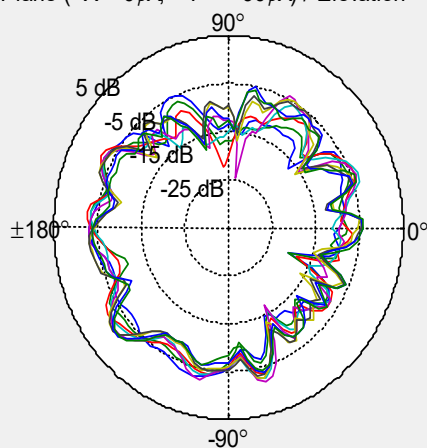
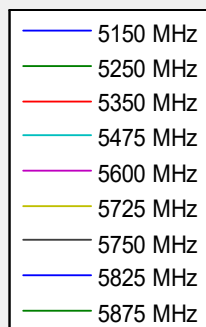
XY Plane (+X = 0°X, +Y = +90°X) / Elevation = 90°X    ZX Plane (+Z = 0°X, +X = +90°X) / Azimuth = 0°X



## Radiation Pattern

5G Band = 5100 - 5975 MHz

XY Plane ( $+X = 0^\circ$ ,  $+Y = +90^\circ$ ) / Elevation =  $90^\circ$     ZX Plane ( $+Z = 0^\circ$ ,  $+X = +90^\circ$ ) / Azimuth =  $0^\circ$



YZ Plane ( $+Z = 0^\circ$ ,  $+Y = +90^\circ$ ) / Azimuth =  $90^\circ$

