

# 1. WA234 UAV SRD LF ANT0

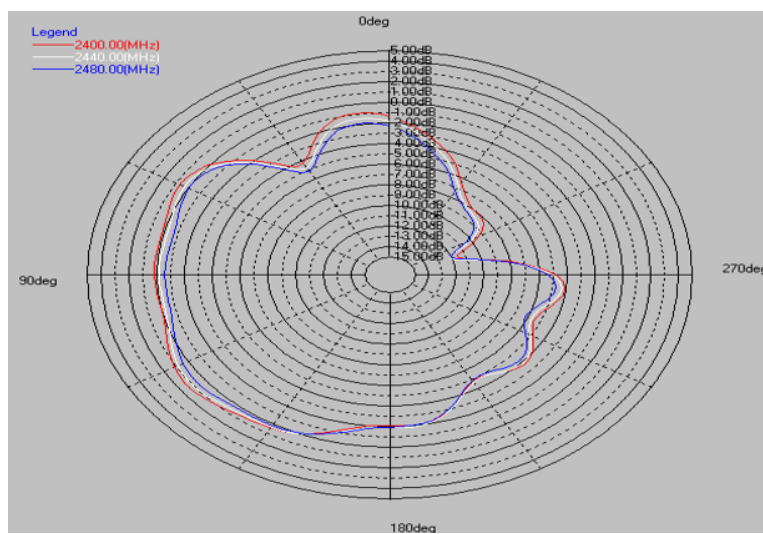
## 1.1 Basic Specifications

| No. | Specification          | Descriptions                                                                           | Notes |  |
|-----|------------------------|----------------------------------------------------------------------------------------|-------|--|
| 1   | Antenna Name           | WA234 UAV SRD<br>LF ANT0                                                               |       |  |
| 2   | Brand                  | DJI                                                                                    |       |  |
| 3   | Operation<br>Frequency | 2.4~2.483GHz;<br>5.15~5.25GHz;<br>5.725~5.85GHz                                        |       |  |
| 4   | Connector Type         | IPEX                                                                                   |       |  |
| 5   | Impedance              | 50ohm                                                                                  |       |  |
| 6   | Gain                   | 1.5 dBi@2.4~2.483GHz<br>2.5 dBi@5.15~5.25GHz<br>2 dBi@5.725~5.85GHz                    |       |  |
| 7   | Efficiency             | $\geq 40\%$                                                                            |       |  |
| 8   | VSWR                   | $\leq 3$                                                                               |       |  |
| 9   | Polarization type      | Linear                                                                                 |       |  |
| 10  | 3dB Beamwidth          | Omnidirectional horizontal                                                             |       |  |
| 11  | Weight                 |                                                                                        |       |  |
| 12  | Manufacturer           | Kunshan Innwave<br>Communication Technology<br>Co., Ltd.<br>INPAQ Technology Co., Ltd. |       |  |

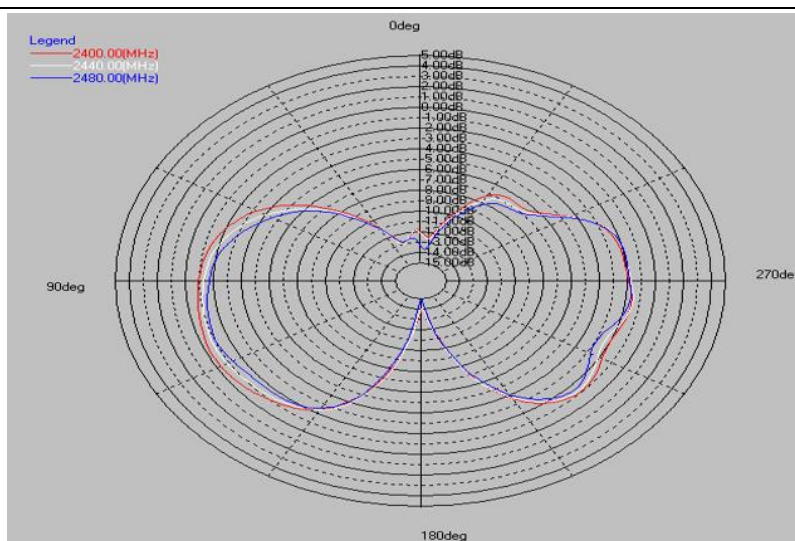
## 1.2 radiation pattern

| Frequency | Efficiency( ) | E Total. dB(dB) |
|-----------|---------------|-----------------|
| 2400MHz   | 53%           | 1.50            |
| 2420MHz   | 55%           | 1.32            |
| 2440MHz   | 57%           | 1.43            |
| 2460MHz   | 56%           | 1.44            |
| 2480MHz   | 54%           | 1.44            |
| 5150MHz   | 52%           | 2.41            |
| 5200MHz   | 51%           | 2.43            |
| 5250MHz   | 53%           | 2.50            |
| 5725MHz   | 56%           | 1.71            |
| 5775MHz   | 58%           | 2.00            |
| 5800MHz   | 55%           | 1.91            |
| 5850MHz   | 55%           | 1.94            |

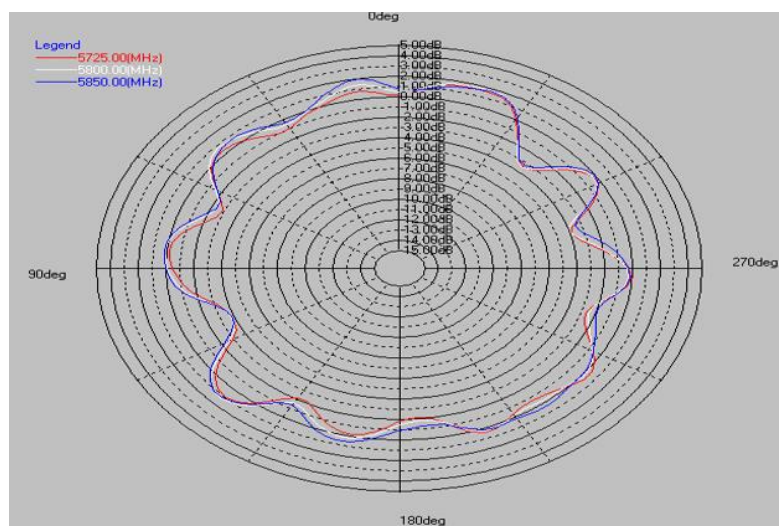
### 2.4 Horizontal



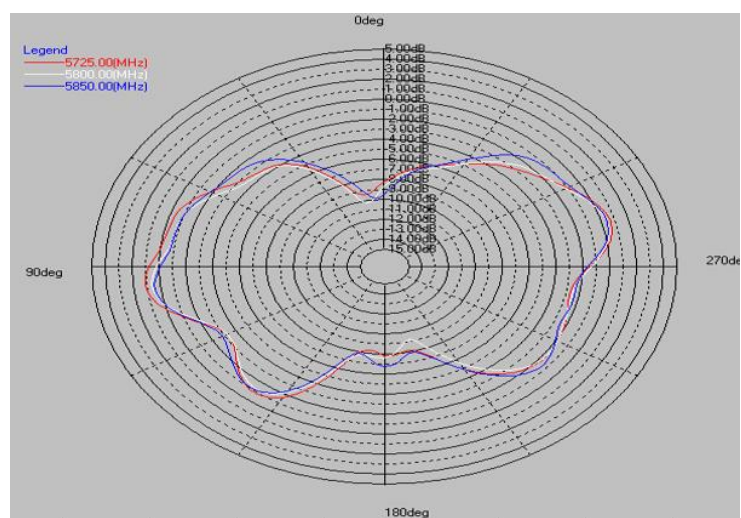
### 2.4vertical



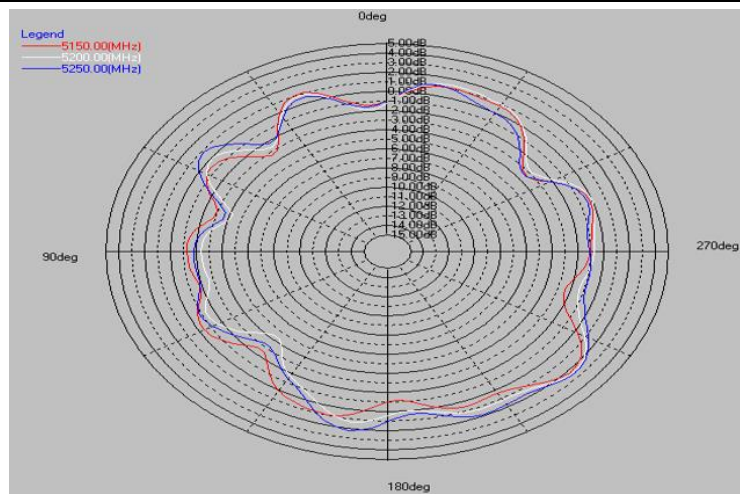
5.8Horizontal



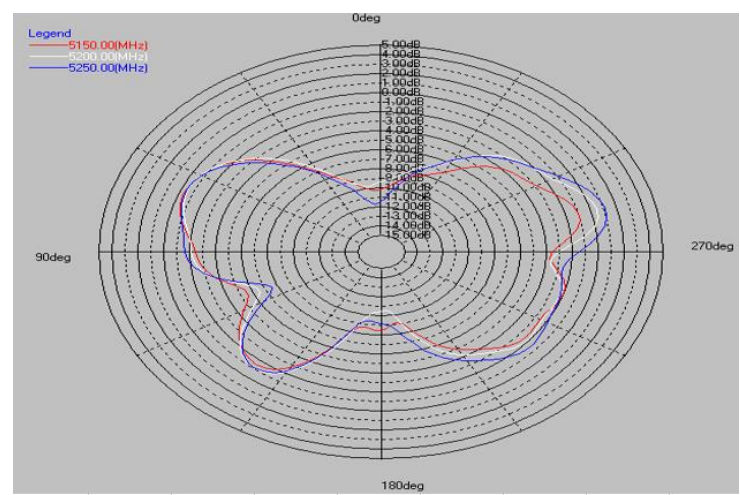
5.8vertical



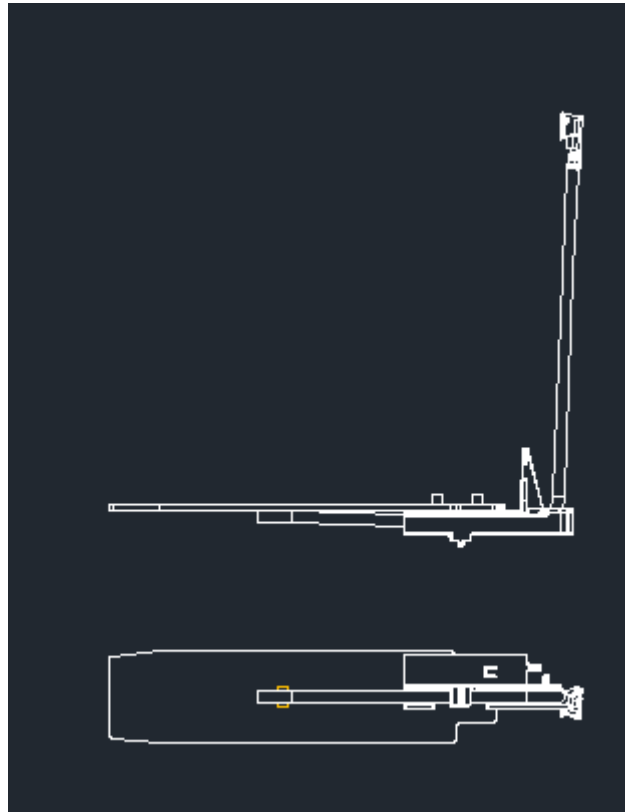
5.2Horizontal



## 5.2vertical



### 1.3 Structure drawing





## 2. WA234 UAV SRD RF ANT1

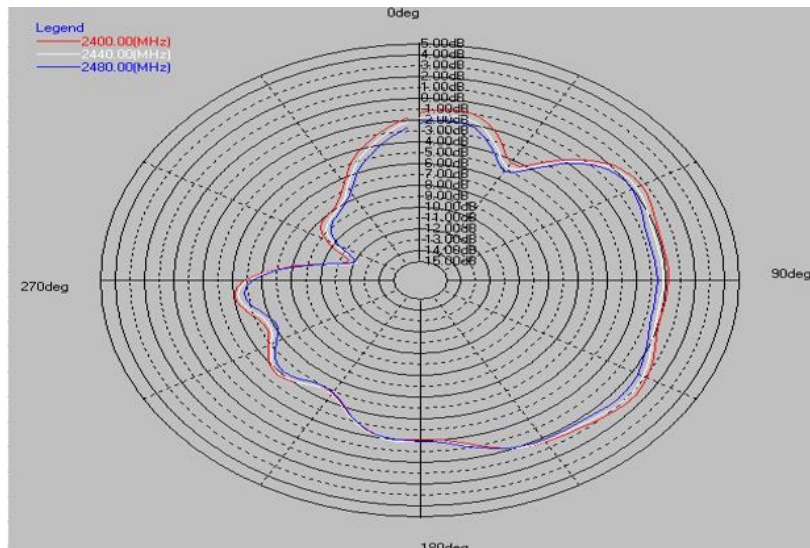
### 1.1 Basic Specifications

| No. | Specification          | Descriptions                                                                            | Notes |  |
|-----|------------------------|-----------------------------------------------------------------------------------------|-------|--|
| 1   | Antenna Name           | WA234 UAV SRD<br>RF ANT1                                                                |       |  |
| 2   | Brand                  | DJI                                                                                     |       |  |
| 3   | Operation<br>Frequency | 2.4~2.483GHz;<br>5.15~5.25GHz;<br>5.725~5.85GHz                                         |       |  |
| 4   | Connector Type         | 4 代 IPEX                                                                                |       |  |
| 5   | Impedance              | 50ohm                                                                                   |       |  |
| 6   | Gain                   | 1.5 dBi@2.4~2.483GHz<br>2.5 dBi@5.15~5.25GHz<br>2 dBi@5.725~5.85GHz                     |       |  |
| 7   | Efficiency             | $\geq 40\%$                                                                             |       |  |
| 8   | VSWR                   | $\leq 3$                                                                                |       |  |
| 9   | Polarization type      | Linear                                                                                  |       |  |
| 10  | 3dB Beamwidth          | Omnidirectional horizontal                                                              |       |  |
| 11  | Weight                 |                                                                                         |       |  |
| 12  | Manufacturer           | Kunshan Innowave<br>Communication Technology<br>Co., Ltd.<br>INPAQ Technology Co., Ltd. |       |  |

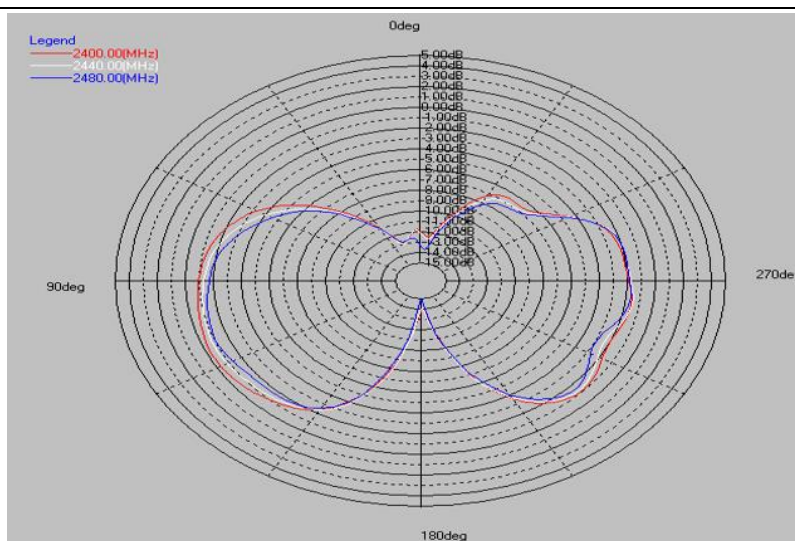
## 1.2 radiation pattern

| Frequency | Efficiency( ) | E Total. dB(dB) |
|-----------|---------------|-----------------|
| 2400MHz   | 50%           | 1.41            |
| 2420MHz   | 53%           | 1.46            |
| 2440MHz   | 55%           | 1.50            |
| 2460MHz   | 54%           | 1.46            |
| 2480MHz   | 53%           | 1.37            |
| 5150MHz   | 48%           | 2.36            |
| 5200MHz   | 51%           | 2.50            |
| 5250MHz   | 48%           | 2.47            |
| 5725MHz   | 51%           | 1.73            |
| 5775MHz   | 54%           | 1.88            |
| 5800MHz   | 55%           | 1.97            |
| 5850MHz   | 53%           | 1.93            |

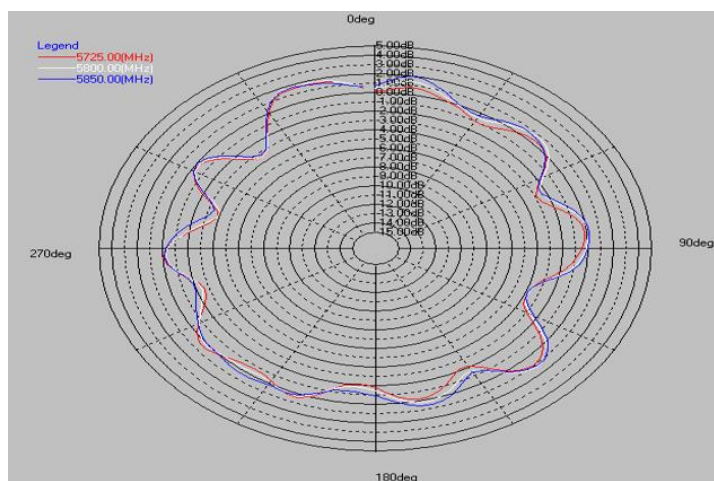
### 2.4Horizontal



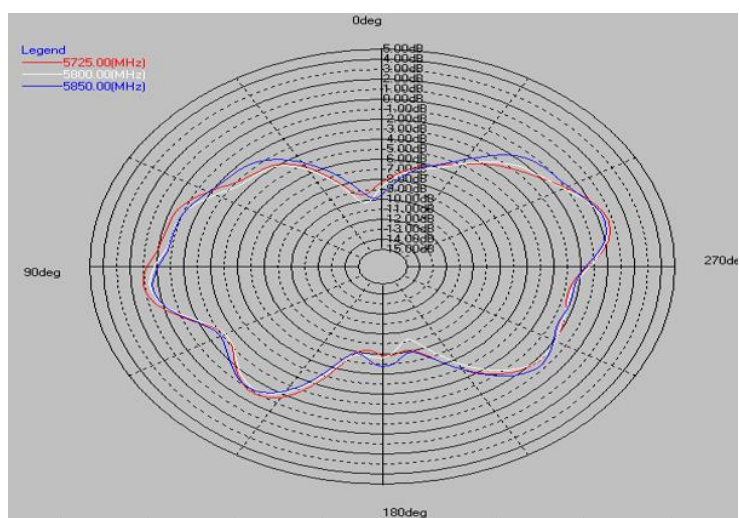
### 2.4vertical



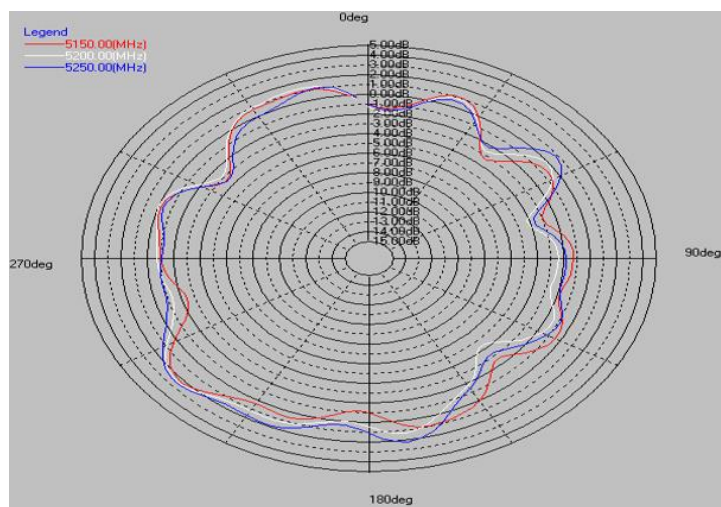
5.8Horizontal



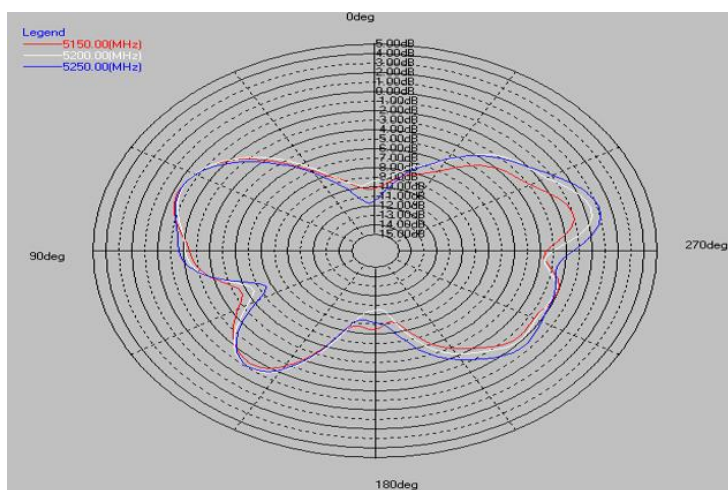
5.8vertical



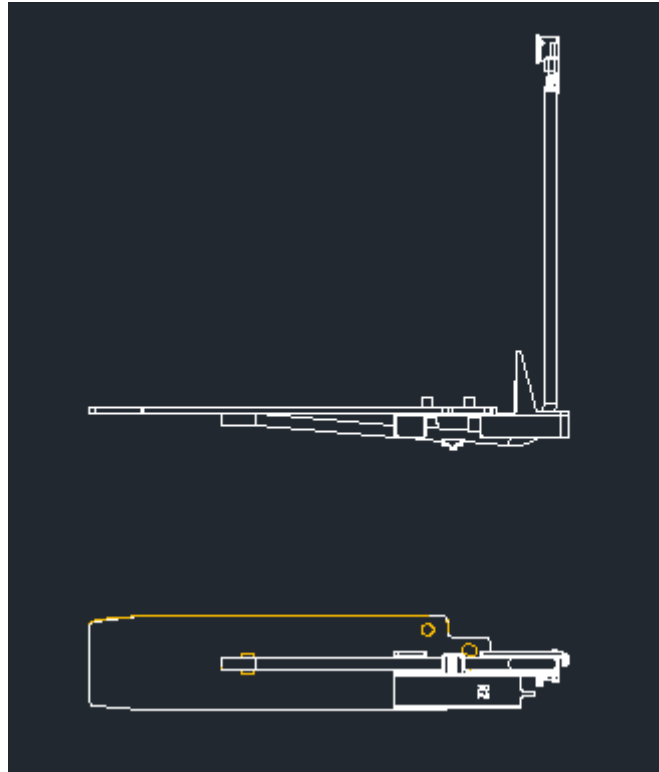
5.2Horizontal



## 5.2vertical



### 1.3 Structure drawing





### 3. WA234 UAV SRD LB ANT3

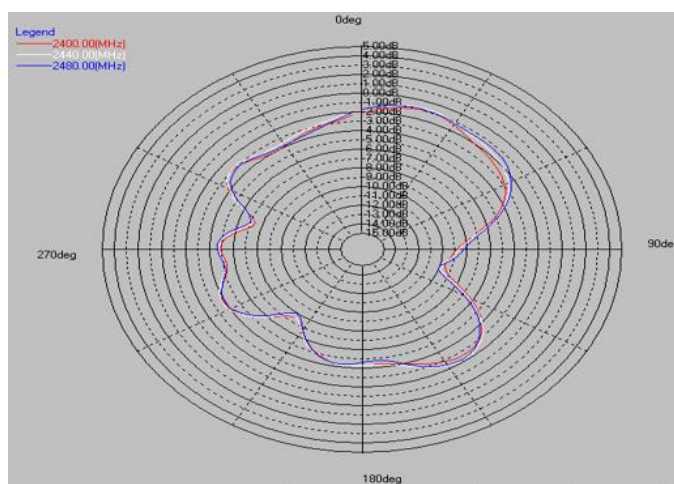
#### 1.1 Basic Specifications

| No. | Specification          | Descriptions                                                                            | Notes |  |
|-----|------------------------|-----------------------------------------------------------------------------------------|-------|--|
| 1   | Antenna Name           | WA234 UAV SRD<br>LB ANT3                                                                |       |  |
| 2   | Brand                  | DJI                                                                                     |       |  |
| 3   | Operation<br>Frequency | 2.4~2.483GHz;<br>5.15~5.25GHz;<br>5.725~5.85GHz                                         |       |  |
| 4   | Connector Type         | IPEX                                                                                    |       |  |
| 5   | Impedance              | 50ohm                                                                                   |       |  |
| 6   | Gain                   | 1 dBi@2.4~2.483GHz<br>1 dBi@5.15~5.25GHz<br>2.5 dBi@5.725~5.85GHz                       |       |  |
| 7   | Efficiency             | $\geq 30\%$                                                                             |       |  |
| 8   | VSWR                   | $\leq 3$                                                                                |       |  |
| 9   | Polarization type      | Linear                                                                                  |       |  |
| 10  | 3dB Beamwidth          | Omnidirectional horizontal                                                              |       |  |
| 11  | Weight                 |                                                                                         |       |  |
| 12  | Manufacturer           | Kunshan Innowave<br>Communication Technology<br>Co., Ltd.<br>INPAQ Technology Co., Ltd. |       |  |

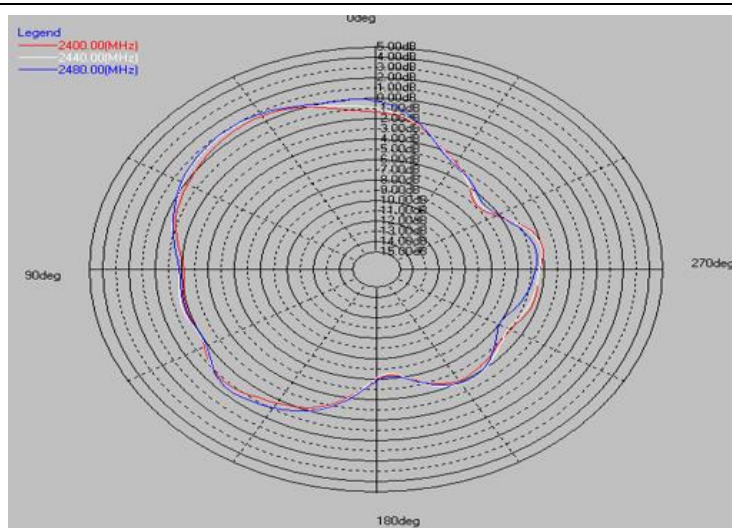
## 1.2 radiation pattern

| Frequency | Efficiency( ) | E Total. dB(dB) |
|-----------|---------------|-----------------|
| 2400MHz   | 51%           | 1.00            |
| 2420MHz   | 52%           | 0.92            |
| 2440MHz   | 52%           | 0.96            |
| 2460MHz   | 56%           | 0.94            |
| 2480MHz   | 55%           | 0.92            |
| 5150MHz   | 30%           | 0.97            |
| 5200MHz   | 31%           | 1.00            |
| 5250MHz   | 36%           | 0.92            |
| 5725MHz   | 53%           | 2.42            |
| 5775MHz   | 56%           | 2.46            |
| 5800MHz   | 55%           | 2.49            |
| 5850MHz   | 53%           | 2.42            |

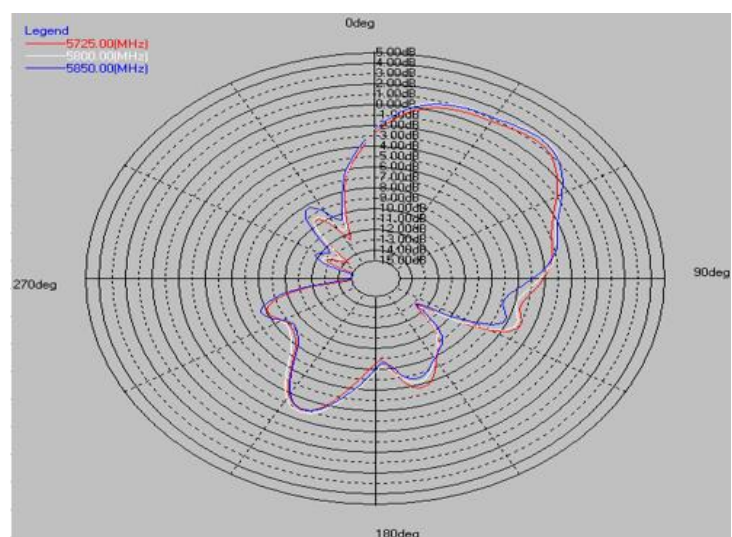
### 2.4Horizontal



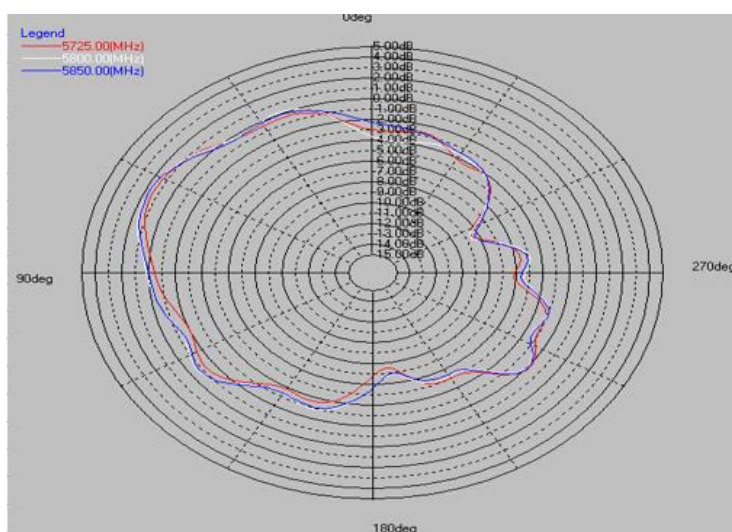
### 2.4vertical



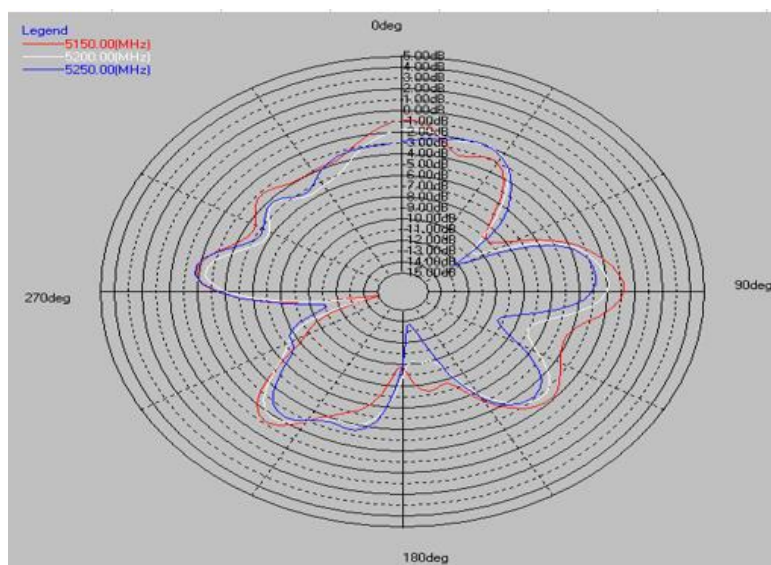
5.8Horizontal



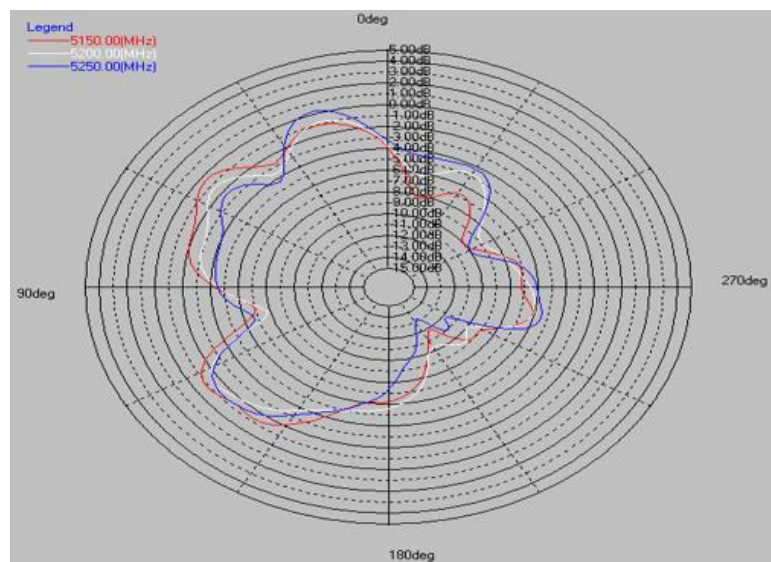
5.8vertical



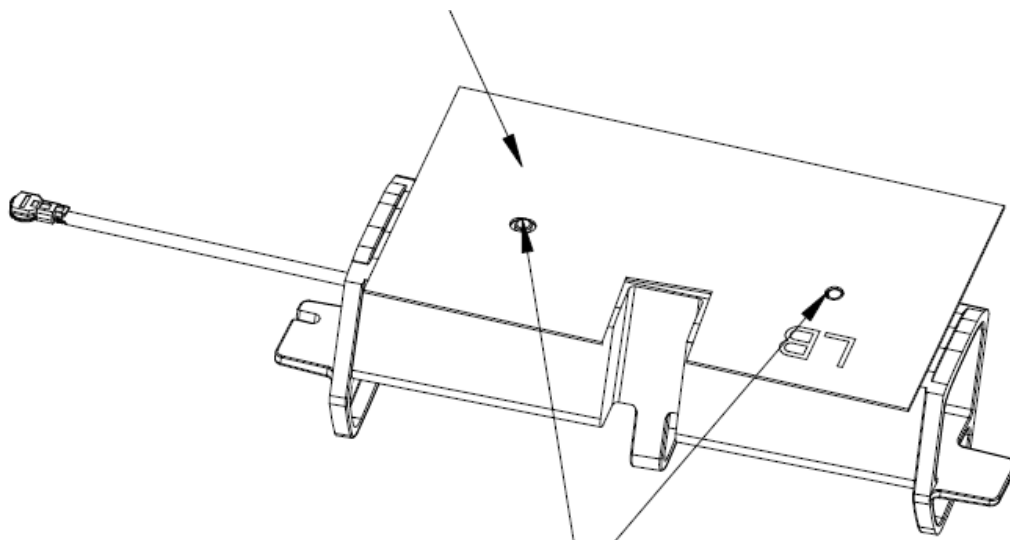
5.2Horizontal



## 5.2vertical



## 1.3 Structure drawing



## 4. WA234 UAV SRD RB ANT2

### 1.1 Basic Specifications

| No. | Specification          | Descriptions                                                      | Notes |  |
|-----|------------------------|-------------------------------------------------------------------|-------|--|
| 1   | Antenna Name           | WA234 UAV SRD<br>RB ANT2                                          |       |  |
| 2   | Brand                  | DJI                                                               |       |  |
| 3   | Operation<br>Frequency | 2.4~2.483GHz;<br>5.15~5.25GHz;<br>5.725~5.85GHz                   |       |  |
| 4   | Connector Type         | IPEX                                                              |       |  |
| 5   | Impedance              | 50ohm                                                             |       |  |
| 6   | Gain                   | 1 dBi@2.4~2.483GHz<br>1 dBi@5.15~5.25GHz<br>2.5 dBi@5.725~5.85GHz |       |  |

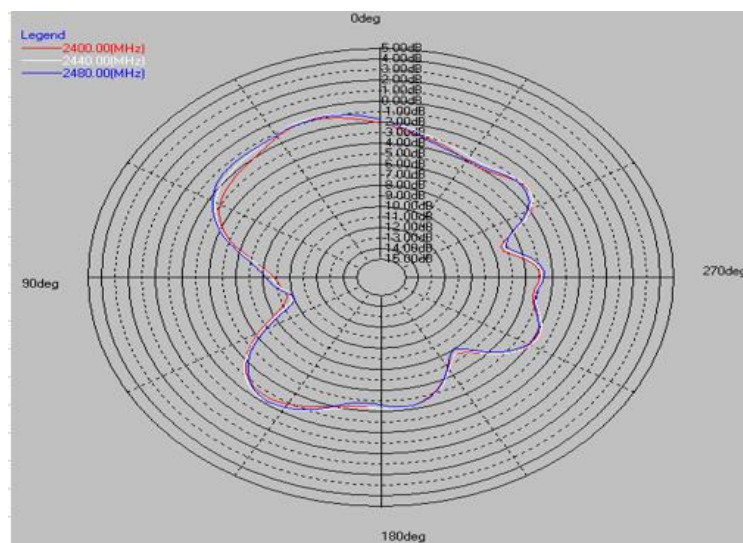


|    |                   |                                                                                         |  |  |
|----|-------------------|-----------------------------------------------------------------------------------------|--|--|
| 7  | Efficiency        | $\geq 30\%$                                                                             |  |  |
| 8  | VSWR              | $\leq 3$                                                                                |  |  |
| 9  | Polarization type | Linear                                                                                  |  |  |
| 10 | 3dB Beamwidth     | Omnidirectional horizontal                                                              |  |  |
| 11 | Weight            |                                                                                         |  |  |
| 12 | Manufacturer      | Kunshan Innowave<br>Communication Technology<br>Co., Ltd.<br>INPAQ Technology Co., Ltd. |  |  |

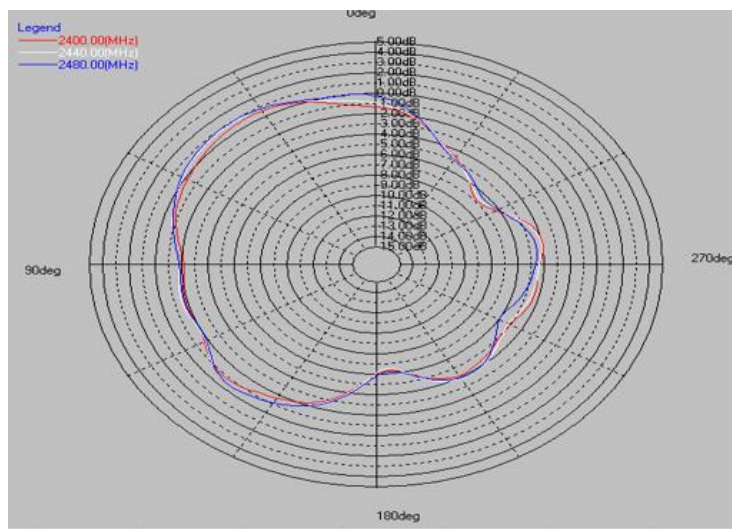
## 1.2 radiation pattern

| Frequency | Efficiency( ) | E Total. dB(dB) |
|-----------|---------------|-----------------|
| 2400MHz   | 53%           | 0.95            |
| 2420MHz   | 51%           | 0.96            |
| 2440MHz   | 52%           | 1.00            |
| 2460MHz   | 53%           | 0.92            |
| 2480MHz   | 51%           | 0.91            |
| 5150MHz   | 31%           | 0.87            |
| 5200MHz   | 36%           | 1.00            |
| 5250MHz   | 37%           | 0.97            |
| 5725MHz   | 52%           | 2.44            |
| 5775MHz   | 53%           | 2.42            |
| 5800MHz   | 56%           | 2.50            |
| 5850MHz   | 57%           | 2.47            |

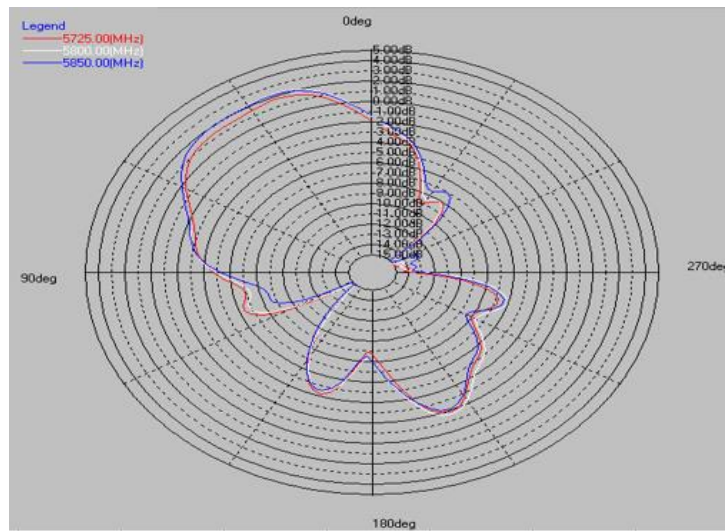
### 2.4Horizontal



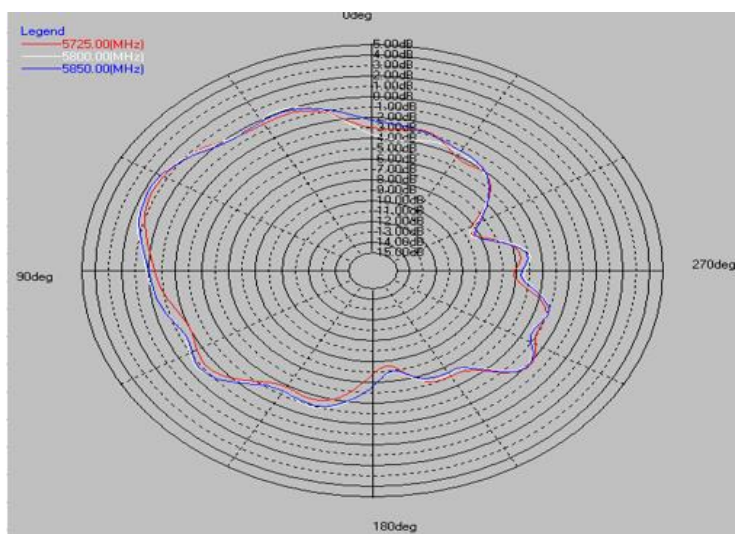
### 2.4vertical



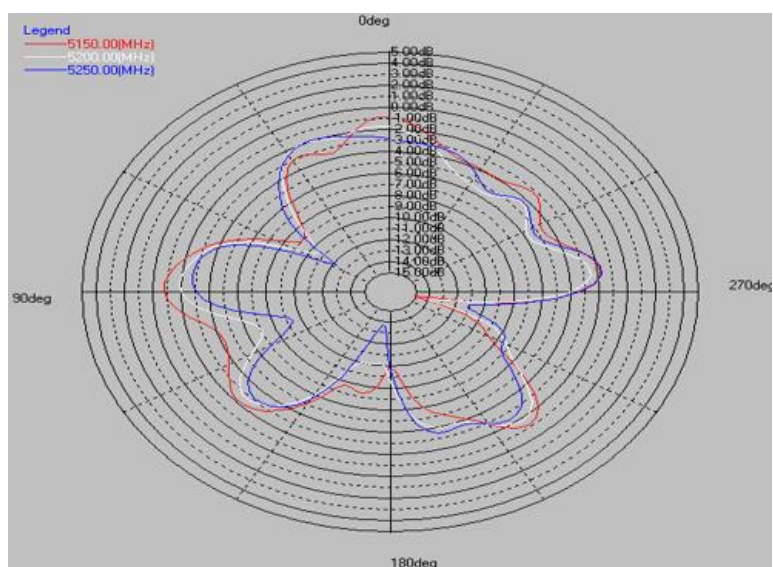
5.8Horizontal



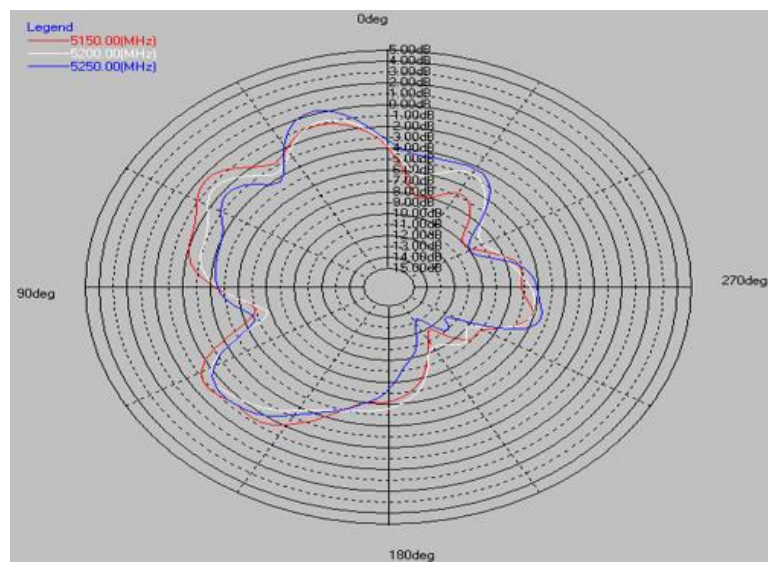
5.8vertical



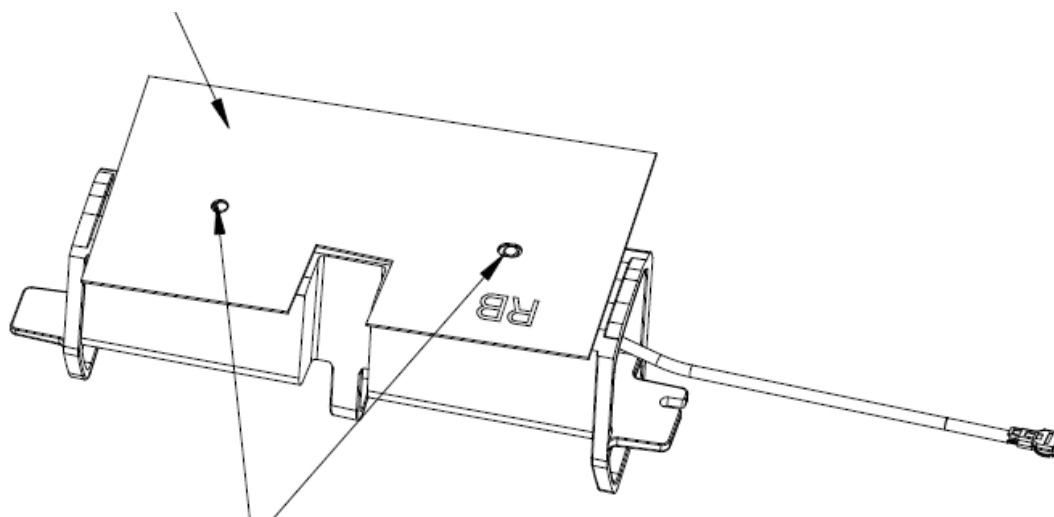
5.2Horizontal



5.2vertical



## 1.3 Structure drawing



# 5. WA234 UAV SRD LF-2 ANT5 & WIFI ANT

## 1.1 Basic Specifications

| No. | Specification          | Descriptions                                                      | Notes |  |
|-----|------------------------|-------------------------------------------------------------------|-------|--|
| 1   | Antenna Name           | WA234 UAV SRD<br>LF-2 ANT5 & WIFI                                 |       |  |
| 2   | Brand                  | ANT                                                               |       |  |
| 3   | Operation<br>Frequency | 2.4~2.483GHz;<br>5.15~5.25GHz;<br>5.725~5.85GHz                   |       |  |
| 4   | Connector Type         | 4 代 IPEX                                                          |       |  |
| 5   | Impedance              | 50ohm                                                             |       |  |
| 6   | Gain                   | 1 dBi@2.4~2.483GHz<br>1 dBi@5.15~5.25GHz<br>2.5 dBi@5.725~5.85GHz |       |  |

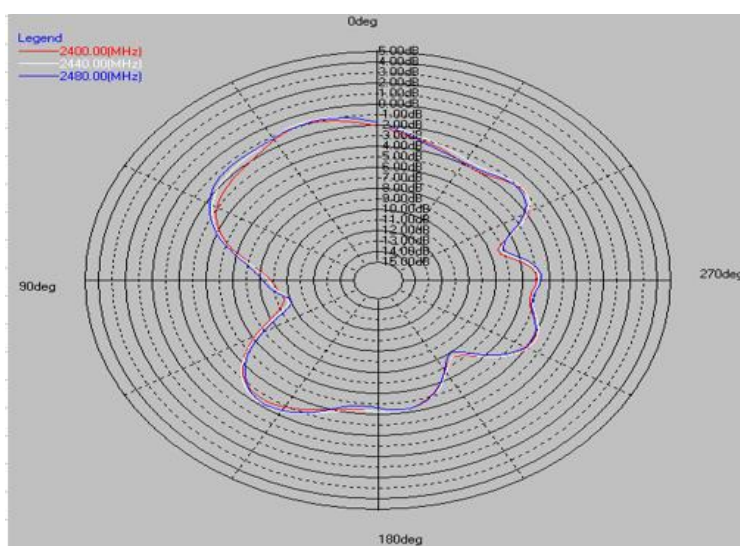


|    |                   |                                                                                         |  |  |
|----|-------------------|-----------------------------------------------------------------------------------------|--|--|
| 7  | Efficiency        | $\geq 30\%$                                                                             |  |  |
| 8  | VSWR              | $\leq 3$                                                                                |  |  |
| 9  | Polarization type | Linear                                                                                  |  |  |
| 10 | 3dB Beamwidth     | Omnidirectional horizontal                                                              |  |  |
| 11 | Weight            |                                                                                         |  |  |
| 12 | Manufacturer      | Kunshan Innowave<br>Communication Technology<br>Co., Ltd.<br>INPAQ Technology Co., Ltd. |  |  |

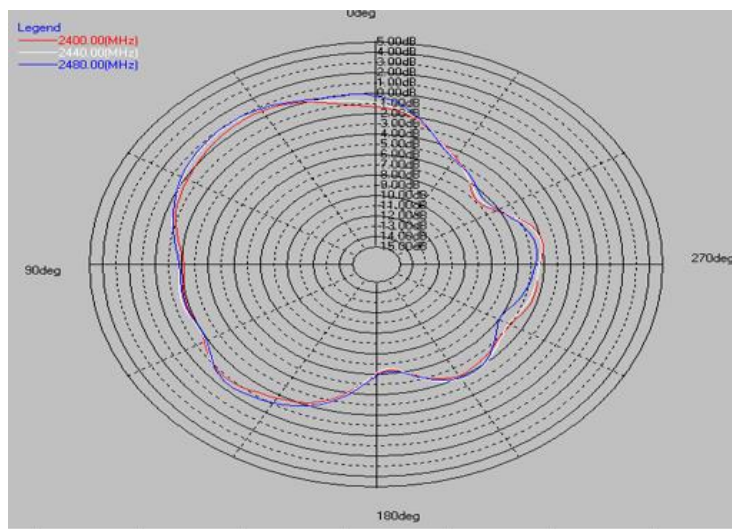
## 1.2 radiation pattern

| Frequency | Efficiency( ) | E Total. dB(dB) |
|-----------|---------------|-----------------|
| 2400MHz   | 50%           | 0.91            |
| 2420MHz   | 53%           | 0.92            |
| 2440MHz   | 54%           | 0.95            |
| 2460MHz   | 56%           | 1.00            |
| 2480MHz   | 55%           | 0.93            |
| 5150MHz   | 32%           | 0.82            |
| 5200MHz   | 31%           | 0.85            |
| 5250MHz   | 34%           | 1.00            |
| 5725MHz   | 53%           | 2.3             |
| 5775MHz   | 55%           | 2.50            |
| 5800MHz   | 53%           | 2.48            |
| 5850MHz   | 54%           | 2.42            |

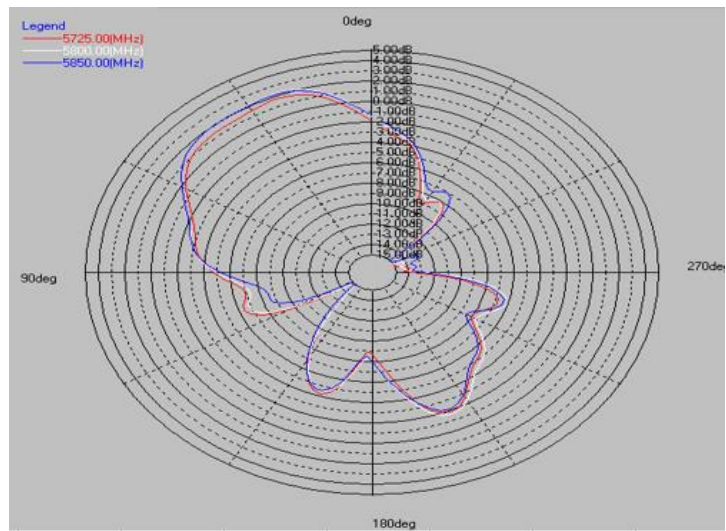
### 2.4Horizontal



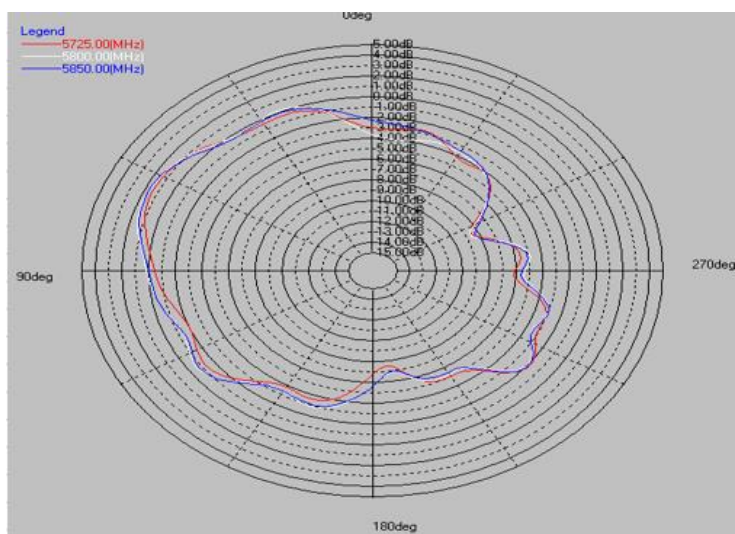
### 2.4vertical



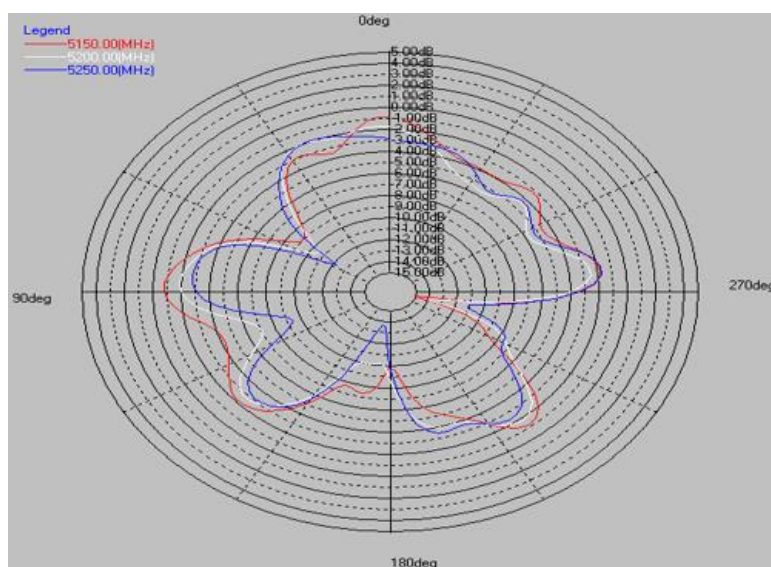
5.8Horizontal



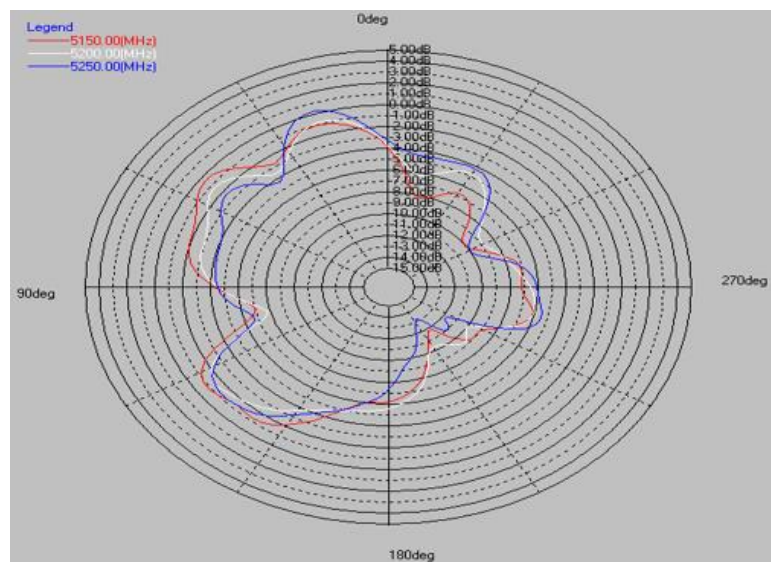
5.8vertical



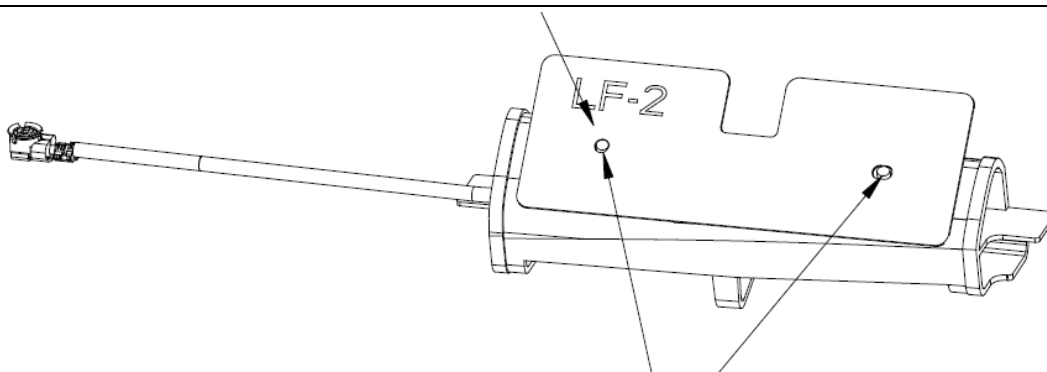
5.2Horizontal



5.2vertical



## 1.3 Structure drawing



## 6. WA234 UAV SRD RF-2 ANT4

### 1.1 Basic Specifications

| No. | Specification          | Descriptions                                                      | Notes |  |
|-----|------------------------|-------------------------------------------------------------------|-------|--|
| 1   | Antenna Name           | WA234 UAV SRD<br>RF-2 ANT4                                        |       |  |
| 2   | Brand                  | DJI                                                               |       |  |
| 3   | Operation<br>Frequency | 2.4~2.483GHz;<br>5.15~5.25GHz;<br>5.725~5.85GHz                   |       |  |
| 4   | Connector Type         | 4 代 IPEX                                                          |       |  |
| 5   | Impedance              | 50ohm                                                             |       |  |
| 6   | Gain                   | 1 dBi@2.4~2.483GHz<br>1 dBi@5.15~5.25GHz<br>2.5 dBi@5.725~5.85GHz |       |  |
| 7   | Efficiency             | $\geq 30\%$                                                       |       |  |
| 8   | VSWR                   | $\leq 3$                                                          |       |  |
| 9   | Polarization type      | Linear                                                            |       |  |
| 10  | 3dB Beamwidth          | Omnidirectional horizontal                                        |       |  |

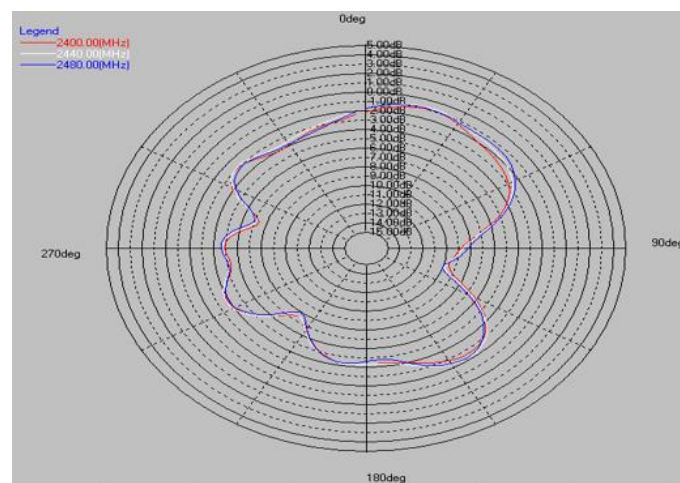


|    |              |                                                                                         |  |  |
|----|--------------|-----------------------------------------------------------------------------------------|--|--|
| 11 | Weight       |                                                                                         |  |  |
| 12 | Manufacturer | Kunshan Innowave<br>Communication Technology<br>Co., Ltd.<br>INPAQ Technology Co., Ltd. |  |  |

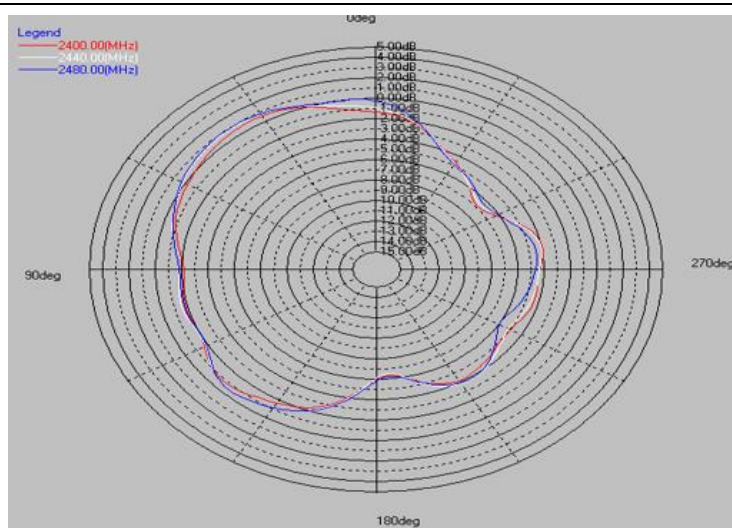
## 1.2 radiation pattern

| Frequency | Efficiency( ) | E Total. dB(dB) |
|-----------|---------------|-----------------|
| 2400MHz   | 50%           | 0.82            |
| 2420MHz   | 52%           | 0.92            |
| 2440MHz   | 51%           | 0.91            |
| 2460MHz   | 51%           | 1.00            |
| 2480MHz   | 52%           | 0.94            |
| 5150MHz   | 34%           | 0.92            |
| 5200MHz   | 31%           | 1.00            |
| 5250MHz   | 30%           | 0.89            |
| 5725MHz   | 55%           | 2.43            |
| 5775MHz   | 51%           | 2.50            |
| 5800MHz   | 53%           | 2.44            |
| 5850MHz   | 54%           | 2.41            |

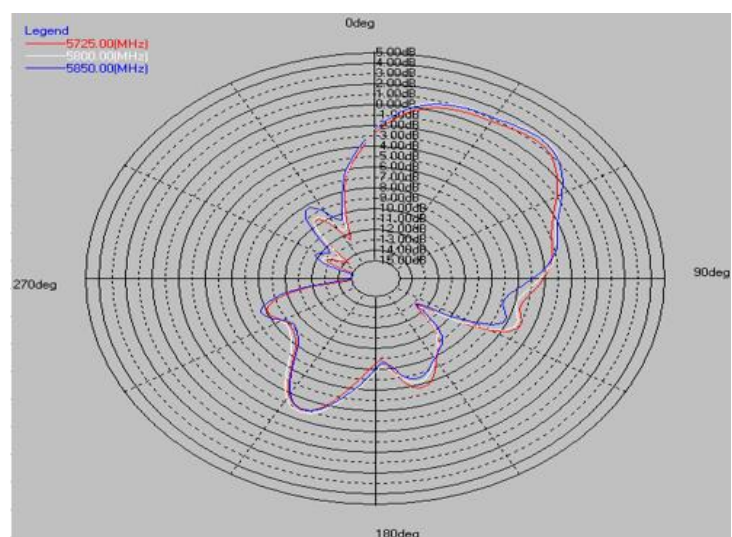
### 2.4Horizontal



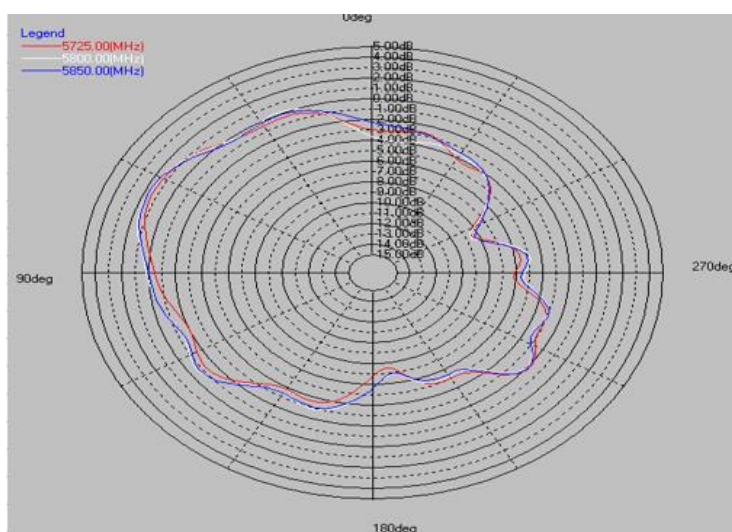
### 2.4vertical



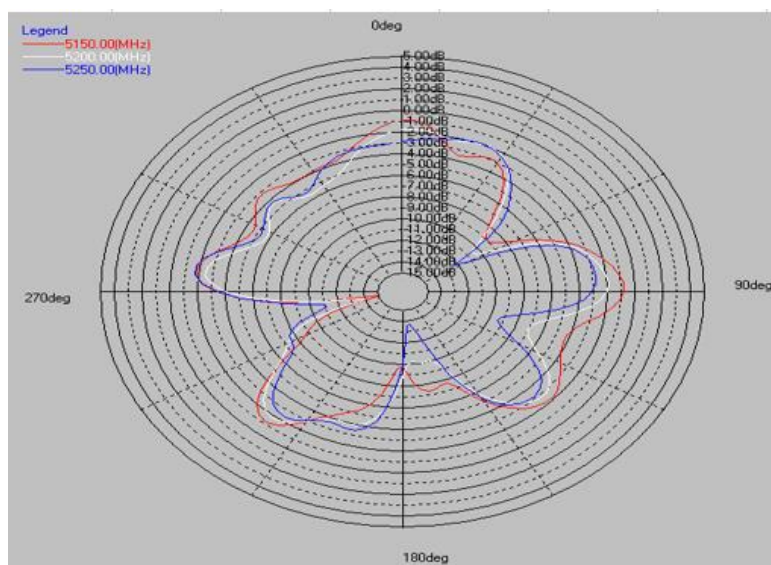
5.8Horizontal



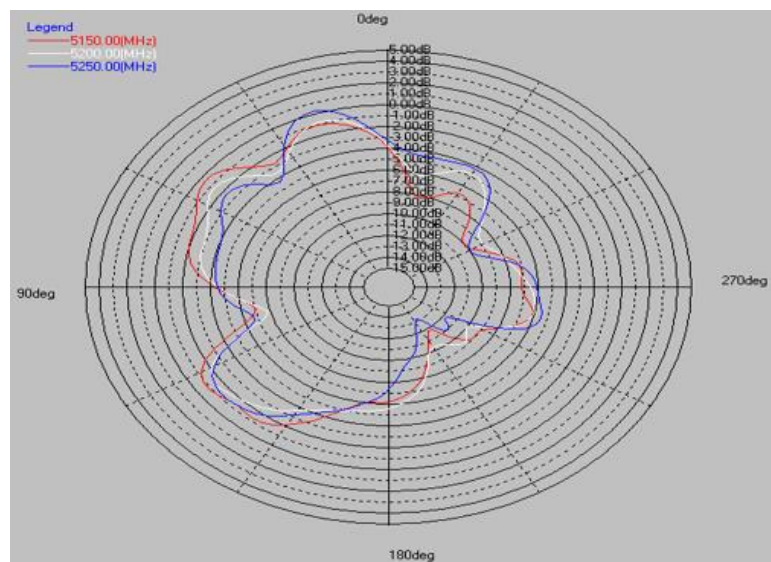
5.8vertical



5.2Horizontal



5.2vertical



### 1.3 Structure drawing

