

# 1. WM265 UAV SDR RB ANT0

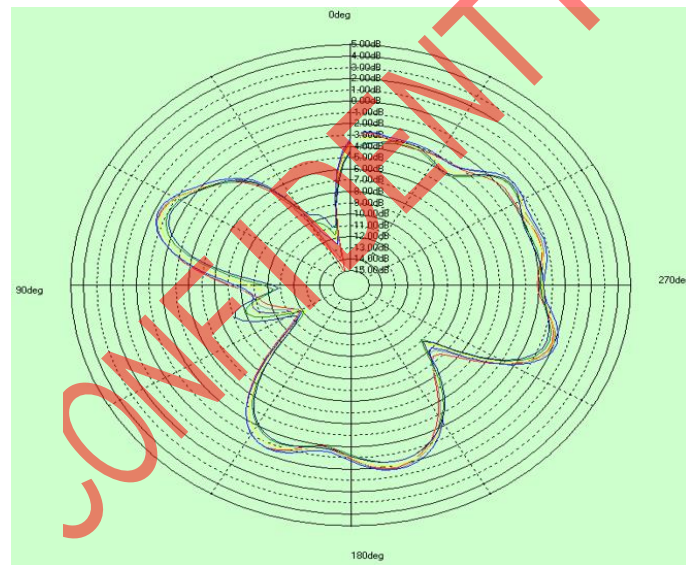
## 1.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	WM265 UAV SDR RB ANT0		
2	Brand	DJI		
3	Operation Frequency	2.4~2.483GHz; 5.15~5.25GHz; 5.725~5.85GHz		
4	Connector Type	1 代 IPEX		
5	Impedance	50ohm		
6	Gain	1.5 dBi@2.4~2.483GHz 3 dBi@5.15~5.25GHz; 3 dBi@5.725~5.85GHz		
7	Efficiency	$\geq 50\%$		
8	VSWR	$\leq 2.5$		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional Vertical		
11	Weight			

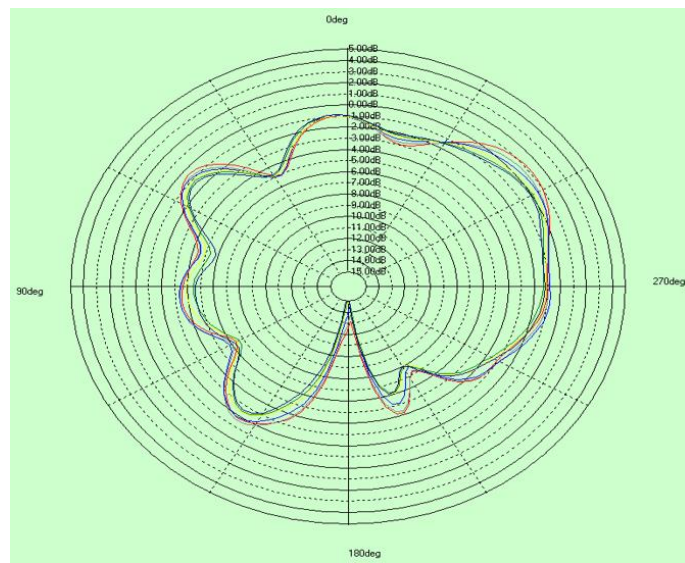
## 1.2 radiation pattern

Frequency	Efficiency( )	E Total. dB(dB)
2400MHz	51%	1.43649
2420MHz	52%	1.466
2440MHz	53%	1.48475
2460MHz	53%	1.4676
2480MHz	51%	1.37426
5150MHz	42%	0.95423
5200MHz	42%	0.98421
5250MHz	42%	1.02146
5725MHz	52%	2.81937
5775MHz	52%	2.92576
5800MHz	52%	2.85842
5850MHz	50%	2.73477

2.4G 水平面



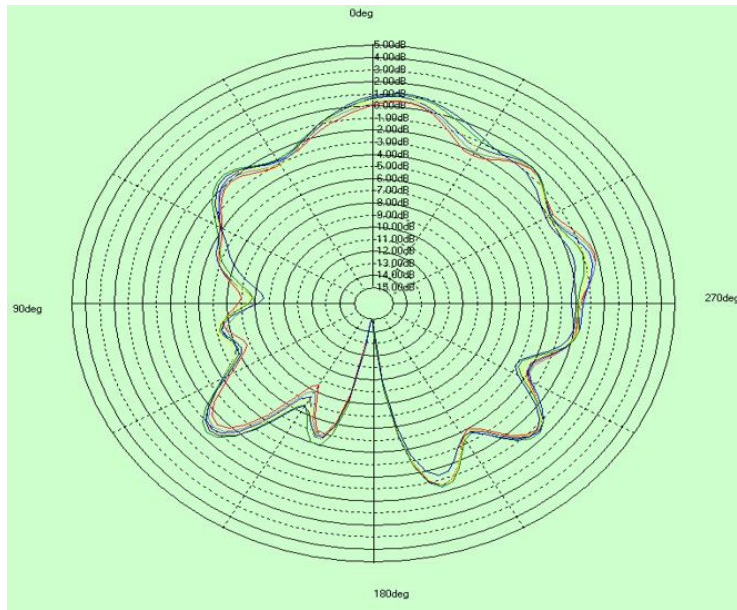
2.4G 俯仰面



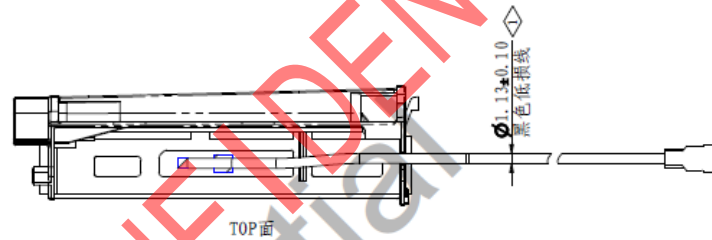
5.1G/5.8G 水平面



5.1G/5.8G 俯仰面



### 2.3 Structure drawing



## 2. WM265 UAV SDR LF ANT1

### 2.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	WM265 UAV SDR LF ANT1		
2	Brand	DJI		
3	Operation	2.4~2.483GHz; 5.15~5.25GHz;		



	Frequency	5.725~5.85GHz		
4	Connector Type	1 代 IPEX		
5	Impedance	50ohm		
6	Gain	2 <a href="#">dBi@2.4~2.483GHz</a> 1.0dBi@5.15~5.25GHz; 2.5 dBi@5.725~5.85GHz		
7	Efficiency	$\geq 50\%$		
8	VSWR	$\leq 2.5$		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional horizontal		
11	Weight			

CONFIDENTIAL

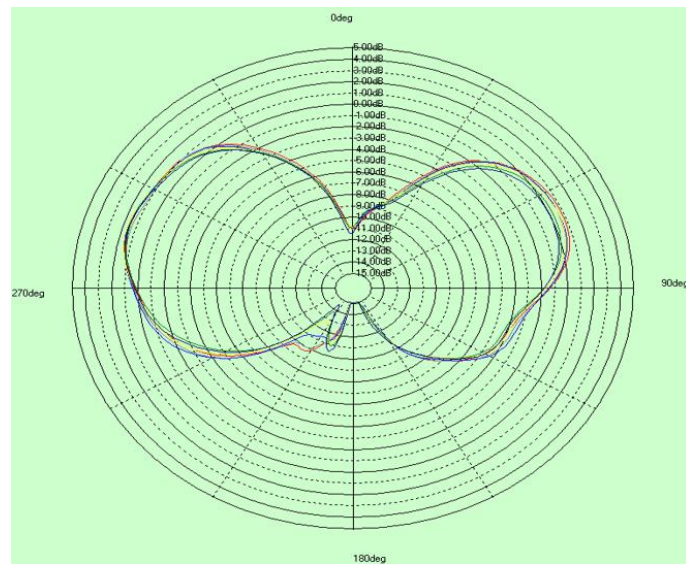
## 2.2 radiation pattern

Frequency	Efficiency( )	E Total. dB(dB)
2400MHz	61%	1.78888
2420MHz	62%	1.78554
2440MHz	63%	1.93675
2460MHz	61%	1.63152
2480MHz	59%	1.59199
5150MHz	42%	1.07821
5200MHz	42%	1.14368
5250MHz	42%	1.20145
5725MHz	54%	2.35058
5775MHz	55%	2.40539
5800MHz	56%	2.47963
5850MHz	54%	2.41271

2.4G 水平面



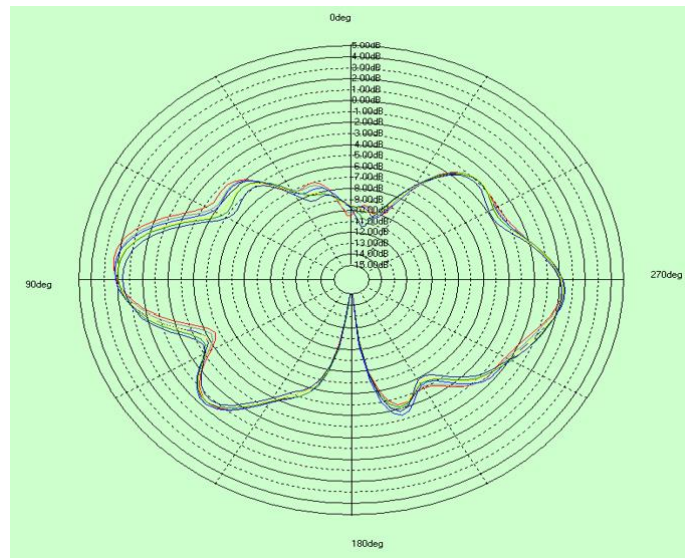
2.4G 俯仰面



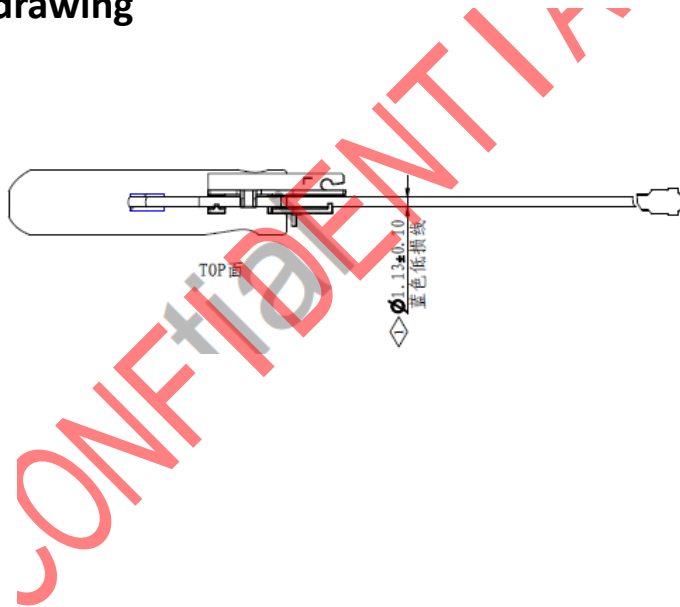
5.1G/5.8G 水平面



5.1G/5.8G 俯仰面



### 2.3 Structure drawing







## 3. WM265 UAV SDR RF ANT2

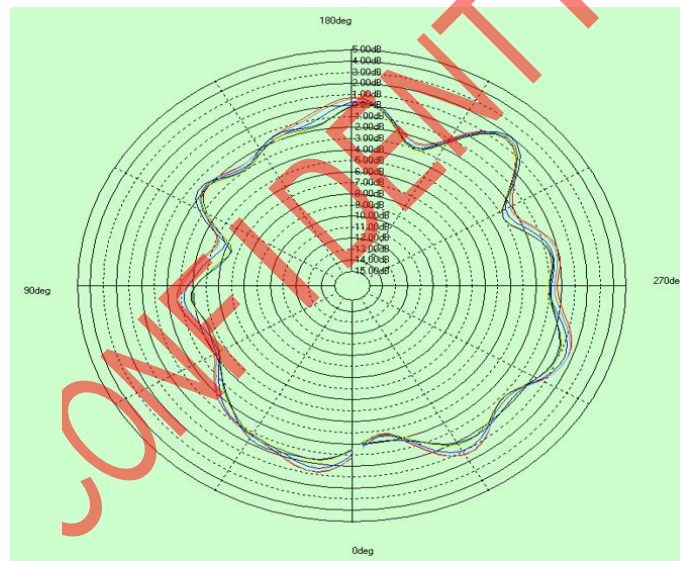
### 3.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	WM265 UAV SDR RF ANT2		
2	Brand	DJI		
3	Operation Frequency	2.4~2.483GHz; 5.15~5.25GHz; 5.725~5.85GHz		
4	Connector Type	1代 IPEX		
5	Impedance	50ohm		
6	Gain	2 dBi@2.4~2.483GHz 1.0dBi@5.15~5.25GHz; 2.5 dBi@5.725~5.85GHz		
7	Efficiency	$\geq 50\%$		
8	VSWR	$\leq 2.5$		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional horizontal		
11	Weight			

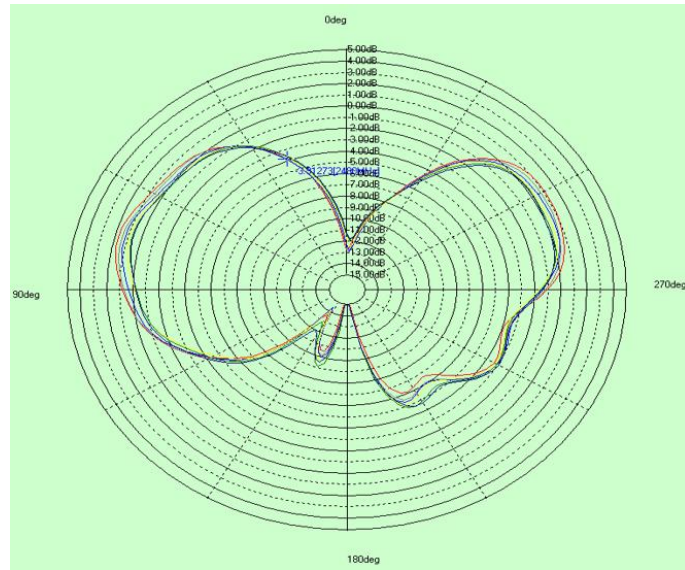
### 3.2 radiation pattern

Frequency	Efficiency( )	E Total. dB(dB)
2400MHz	59%	1.64122
2420MHz	60%	1.87162
2440MHz	61%	1.84796
2460MHz	62%	1.99157
2480MHz	61%	1.70693
5150MHz	42%	2.64217
5200MHz	42%	2.61375
5250MHz	42%	2.71246
5725MHz	54%	2.48951
5775MHz	53%	2.40645
5800MHz	52%	2.34776
5850MHz	53%	2.39765

2.4G 水平面



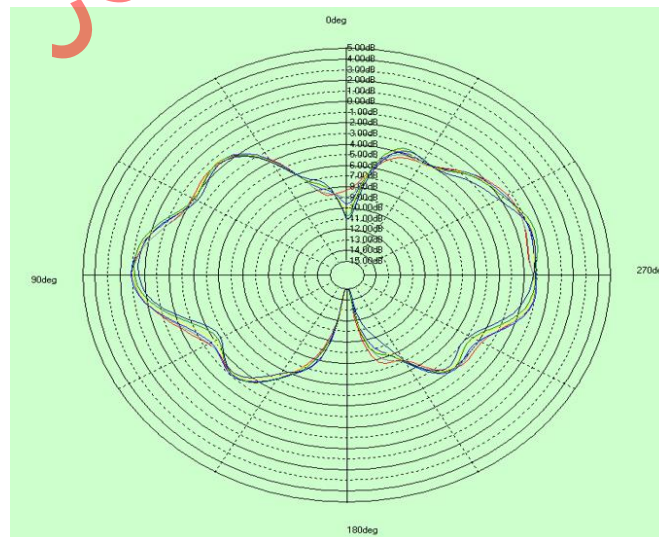
2.4G 俯仰面



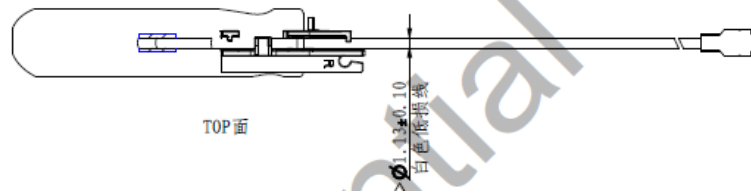
5.1G/5.8G 水平面



5.1G/5.8G 俯仰面



### 3.3 Structure drawing





## 4. WM265 UAV SDR LB ANT3

### 4.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	WM265 UAV SDR LB ANT3		
2	Brand	DJI		
3	Operation Frequency	2.4~2.483GHz; 5.15~5.25GHz; 5.725~5.85GHz		
4	Connector Type	1代 IPEX		
5	Impedance	50ohm		
6	Gain	1.5 dBi@2.4~2.483GHz 3 dBi@5.15~5.25GHz; 3 dBi@5.725~5.85GHz		
7	Efficiency	$\geq 50\%$		
8	VSWR	$\leq 2.5$		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional Vertical		
11	Weight			

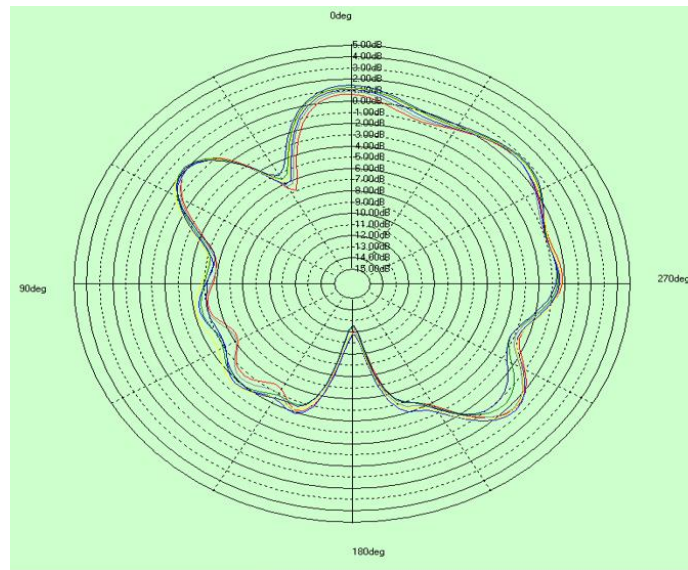
## 4.2 radiation pattern

Frequency	Efficiency( )	E Total. dB(dB)
2400MHz	53%	1.42422
2420MHz	54%	1.45707
2440MHz	55%	1.49203
2460MHz	52%	1.44166
2480MHz	51%	1.39642
5150MHz	52%	2.75162
5200MHz	52%	2.77423
5250MHz	52%	2.75613
5725MHz	50%	2.65794
5775MHz	53%	2.92507
5800MHz	52%	2.71814
5850MHz	50%	2.67981

2.4G 水平面



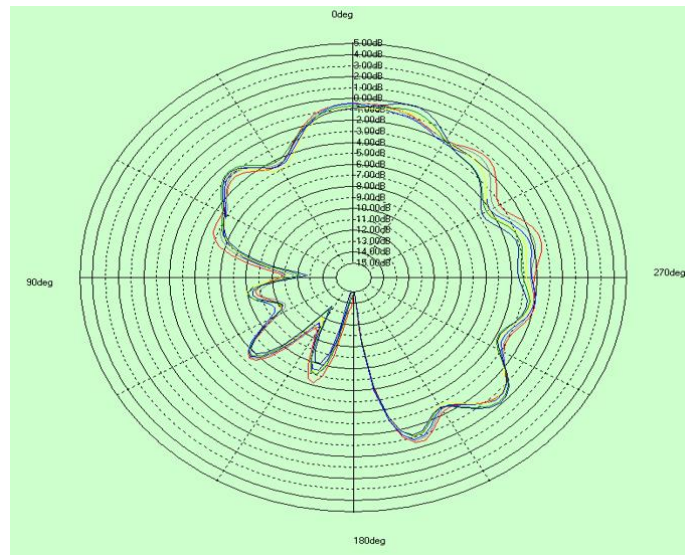
2.4G 俯仰面



5.1G/5.8G 水平面



5.1G/5.8G 俯仰面



### 3.3 Structure drawing

