

# 1. WA520 UAV SDR LF ANT1

## 1.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	WA520 UAV SDR LF ANT1		
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 2 dBi@5.15~5.25GHz 2 dBi@5.725~5.85GHz		
7	Efficiency	$\geq 50\%$		
8	VSWR	$\leq 3$		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional horizontal		
11	Weight			
12	Manufacturer	Kunshan Innowave Communication Technology Co., Ltd. Address: No.55,Shengchuang Road, Yushan Town, Kunshan City,Jiangsu Province,China  INPAQ Technology Co., Ltd.		

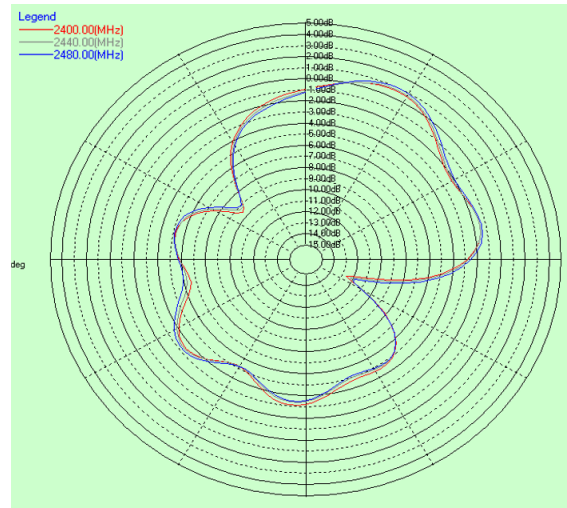


		Address: No.5, Chunqiu Road, Panyang Industrial Park, Huangdai Town, Xiangcheng Zone, Suzhou City, 215143 Jiangsu Province, China		
--	--	---	--	--

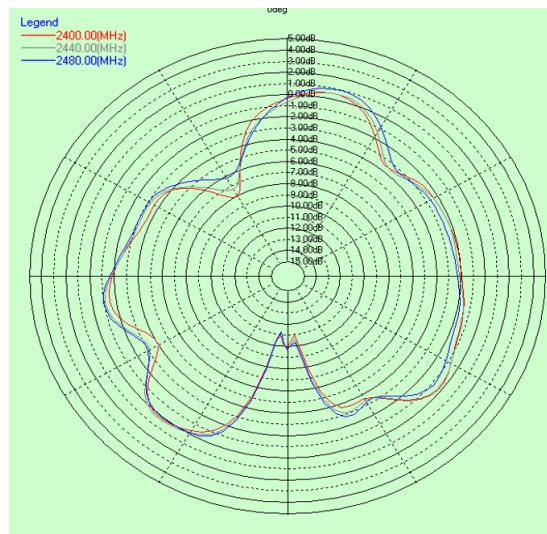
## 1.2 radiation pattern

Frequency	Efficiency( )	E Total. dB(dB)
2400MHz	55%	1.34701
2420MHz	57%	1.38828
2440MHz	62%	1.49659
2460MHz	57%	1.41909
2480MHz	59%	1.48553
5150MHz	54%	1.88326
5200MHz	55%	1.95529
5250MHz	56%	1.98512
5725MHz	62%	1.89361
5775MHz	63%	1.89837
5800MHz	64%	1.92971
5850MHz	63%	1.91366

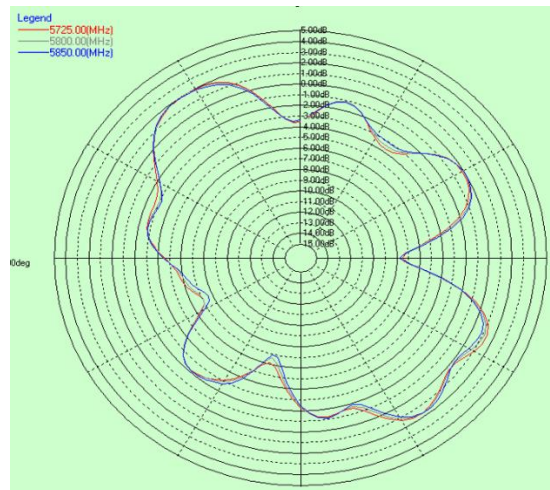
### 2.4 水平面



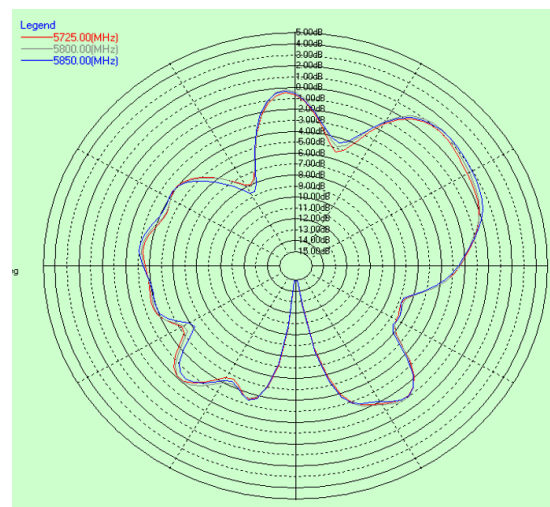
### 2.4 俯仰面



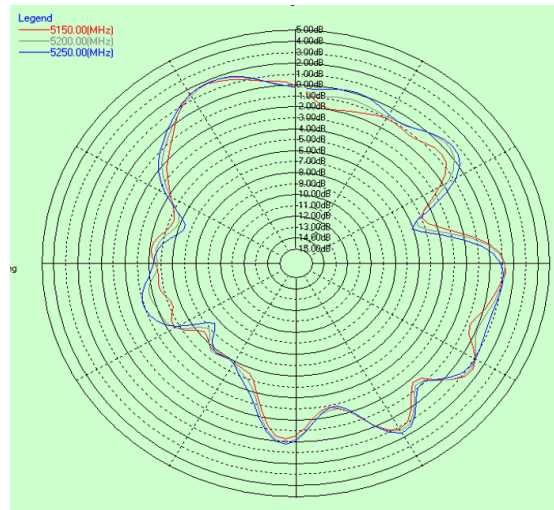
5.8 水平面



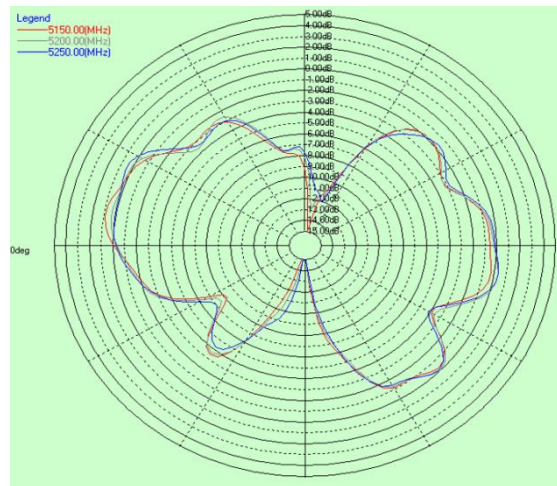
5.8 俯仰面



5.2 水平面



## 5.2 俯仰面



## 1.3 Structure drawing



## 2. WA520 UAV SDR LB ANT0

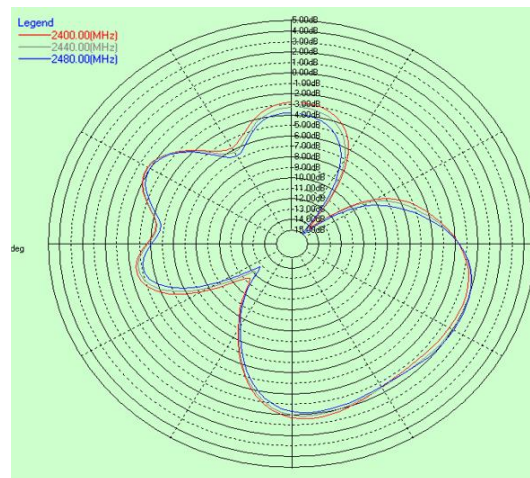
### 1.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	WA520 UAV SDR LB 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 2 dBi@5.15~5.25GHz 2 dBi@5.725~5.85GHz		
7	Efficiency	$\geq 50\%$		
8	VSWR	$\leq 3$		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional horizontal		
11	Weight			
12	Manufacturer	Kunshan Innowave Communication Technology Co., Ltd. INPAQ Technology Co., Ltd.		

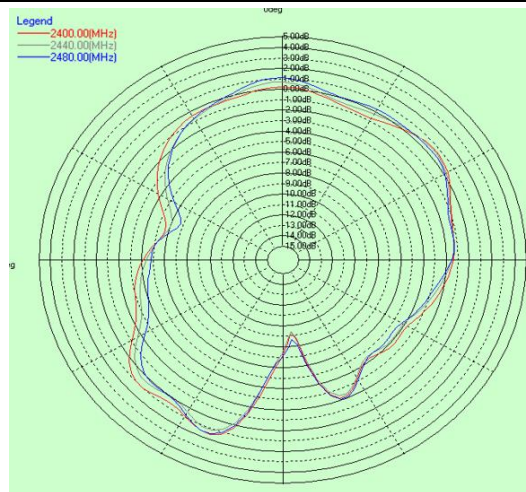
## 1.2 radiation pattern

Frequency	Efficiency( )	E Total. dB(dB)
2400MHz	60%	1.47517
2420MHz	58%	1.39783
2440MHz	63%	1.48685
2460MHz	57%	1.38987
2480MHz	58%	1.36859
5150MHz	55%	1.91419
5200MHz	56%	1.99008
5250MHz	55%	1.95134
5725MHz	63%	1.85508
5775MHz	65%	1.96305
5800MHz	64%	1.97055
5850MHz	63%	1.87395

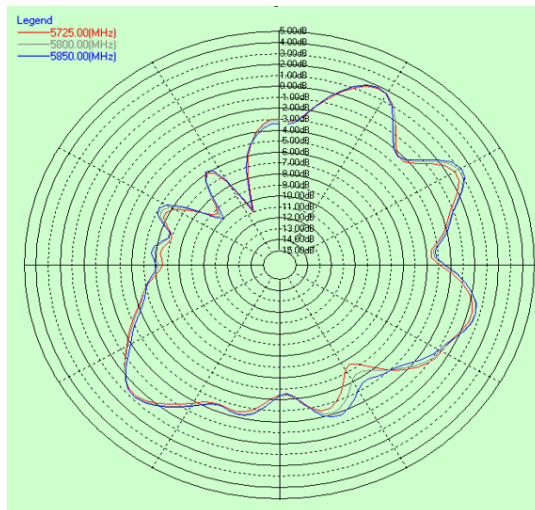
### 2.4 水平面



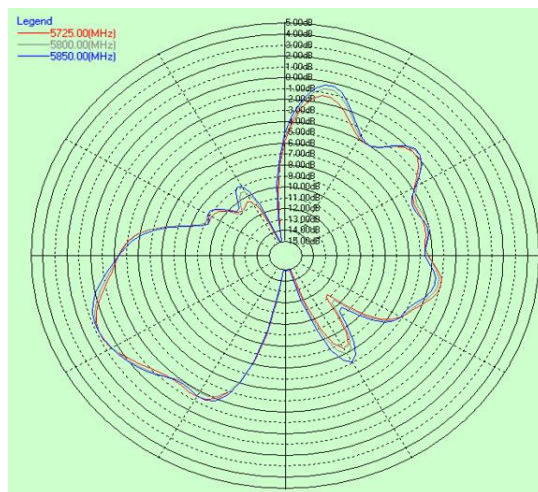
### 2.4 俯仰面



5.8 水平面

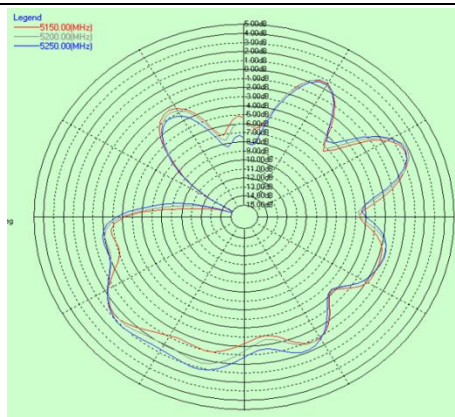


5.8 俯仰面

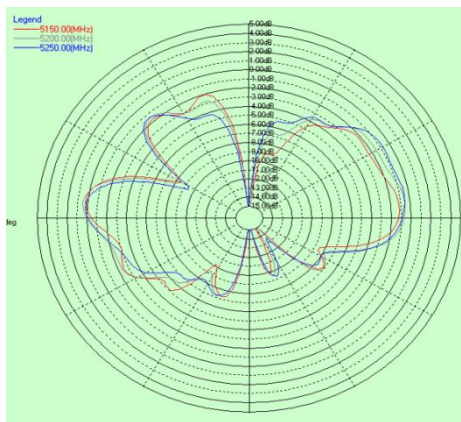


5.2 水平面





## 5.2 俯仰面



## 1.3 Structure drawing



### 3. WA520 UAV SDR RB ANT2

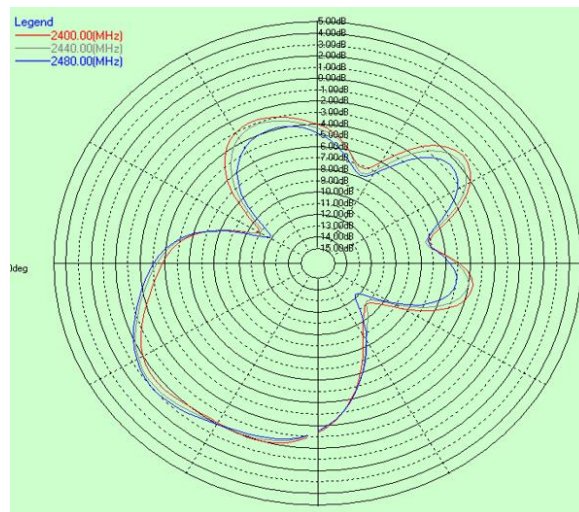
#### 1.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	WA520 UAV SDR RB 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	1.5 dBi@2.4~2.483GHz 2 dBi@5.15~5.25GHz 2 dBi@5.725~5.85GHz		
7	Efficiency	$\geq 50\%$		
8	VSWR	$\leq 3$		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional horizontal		
11	Weight			
12	Manufacturer	Kunshan Innowave Communication Technology Co., Ltd. INPAQ Technology Co., Ltd.		

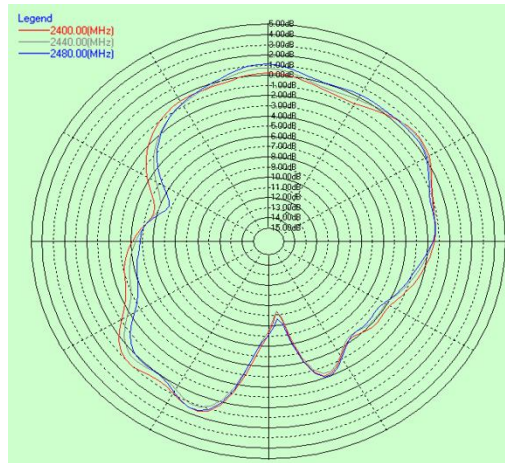
## 1.2 radiation pattern

Frequency	Efficiency( )	E Total. dB(dB)
2400MHz	57%	1.3921
2420MHz	58%	1.4214
2440MHz	62%	1.4851
2460MHz	56%	1.3775
2480MHz	56%	1.3792
5150MHz	52%	1.7708
5200MHz	53%	1.847
5250MHz	55%	1.9342
5725MHz	64%	1.8194
5775MHz	67%	1.9254
5800MHz	67%	1.9424
5850MHz	63%	1.8749

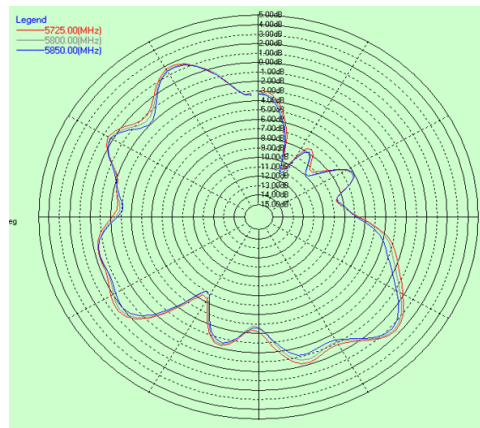
### 2.4 水平面



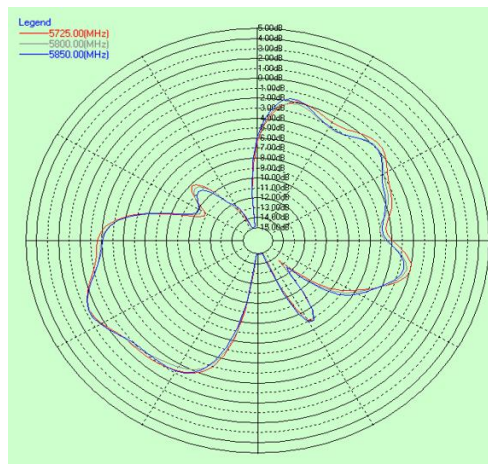
### 2.4 俯仰面



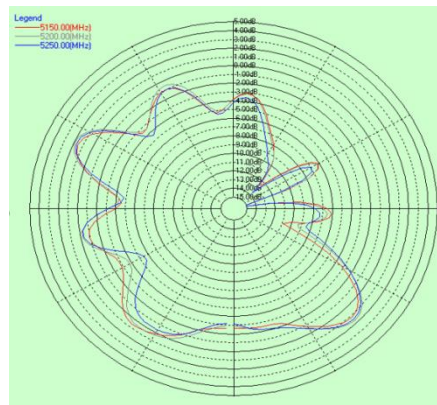
5.8 水平面



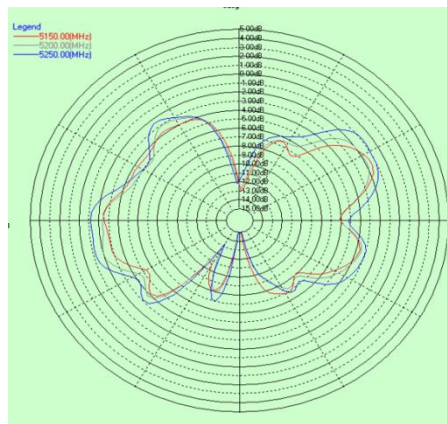
5.8 俯仰面



5.2 水平面



## 5.2 俯仰面



## 1.3 Structure drawing



## 4. WA520 UAV SDR RF ANT3 & WIFI ANT

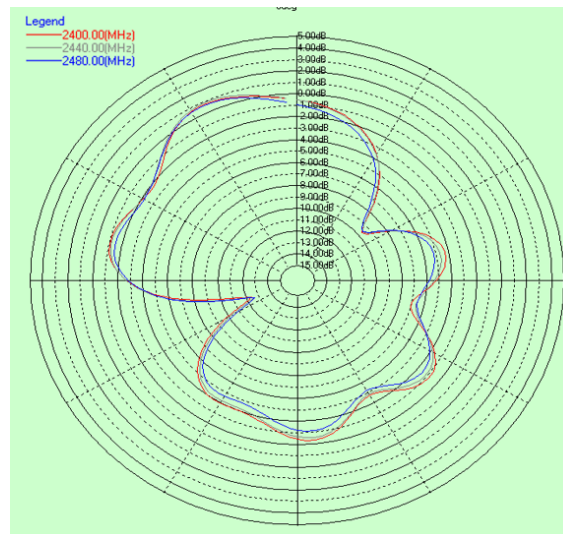
### 1.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	WA520 UAV SDR RF ANT3 & WIFI ANT		
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 2 dBi@5.15~5.25GHz 2 dBi@5.725~5.85GHz		
7	Efficiency	$\geq 50\%$		
8	VSWR	$\leq 3$		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional horizontal		
11	Weight			
12	Manufacturer	Kunshan Innowave Communication Technology Co., Ltd. INPAQ Technology Co., Ltd.		

## 1.2 radiation pattern

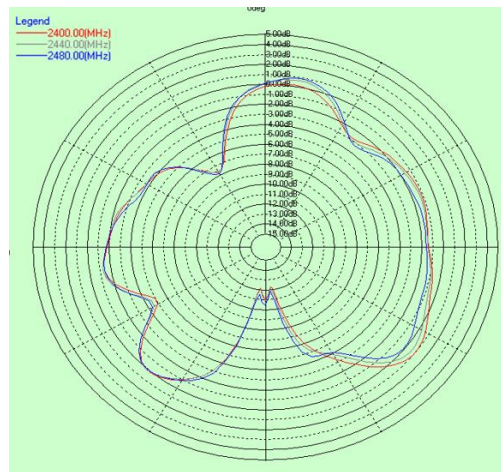
Frequency	Efficiency( )	E Total. dB(dB)
2400MHz	59%	1.41572
2420MHz	58%	1.45613
2440MHz	62%	1.49417
2460MHz	59%	1.44582
2480MHz	59%	1.49202
5150MHz	53%	1.85721
5200MHz	55%	1.88323
5250MHz	56%	1.92538
5725MHz	63%	1.91691
5775MHz	64%	1.92934
5800MHz	63%	1.93576
5850MHz	63%	1.82654

### 2.4 水平面

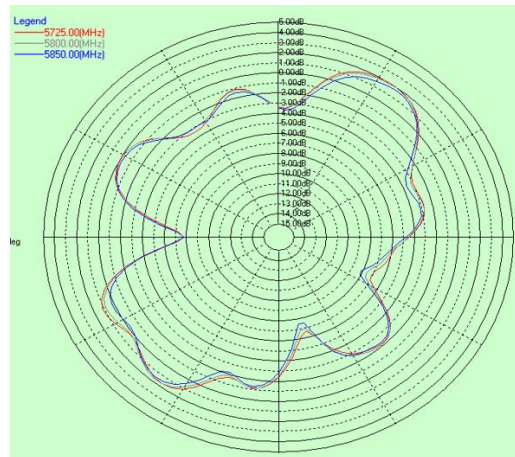


### 2.4 俯仰面

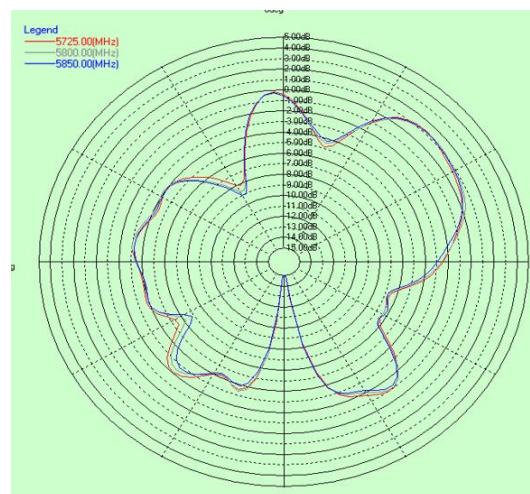




5.8 水平面

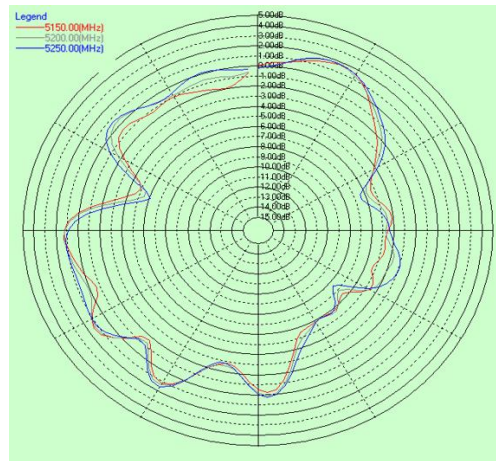


5.8 俯仰面

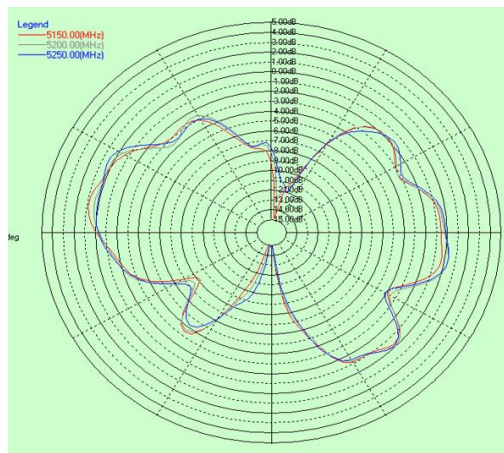


5.2 水平面





### 5.2 俯仰面



### 1.3 Structure drawing