

# 1. AG701 UAV SDR ANT0&ANT2

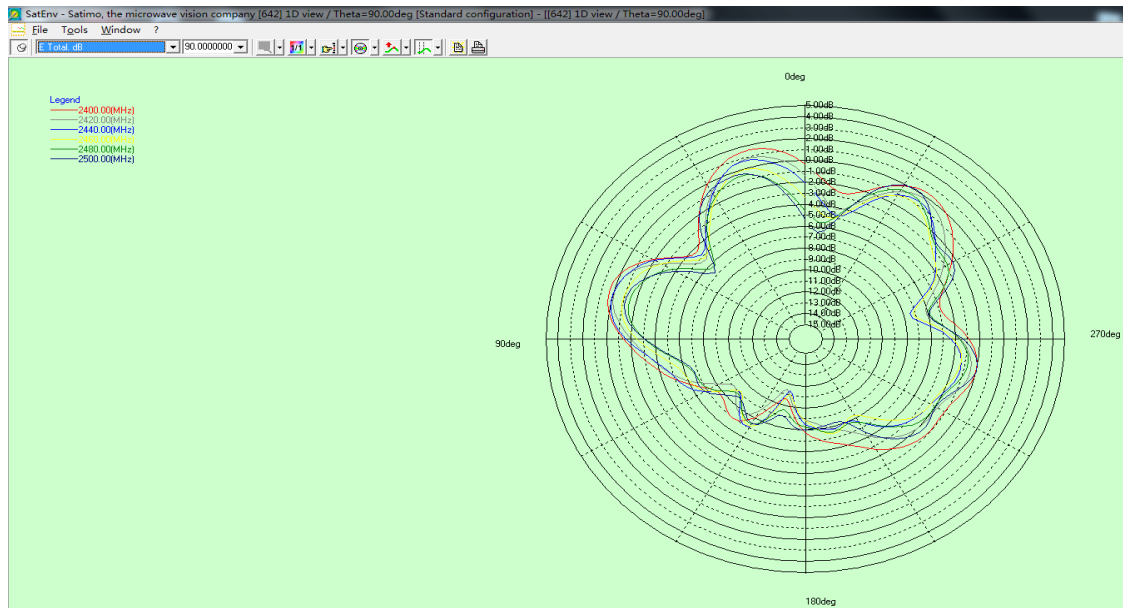
## 1.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	AG701 UAV SDR ANT0 AG701 UAV SDR ANT2		
2	Brand	DJI		
3	Operation Frequency	2.4~2.483GHz; 5.725~5.85GHz		
4	Connector Type	SSMA JACK 180°		
5	Impedance	50ohm		
6	Gain	2.5 dBi@2.4~2.483GHz 2.0 dBi@5.725~5.85GHz		
7	Efficiency	$\geq 40\%$		
8	VSWR	$\leq 2.5$		
9	Polarization type	Linear		
10	3dB Beamwidth	$> 180^\circ$		
11	Weight			

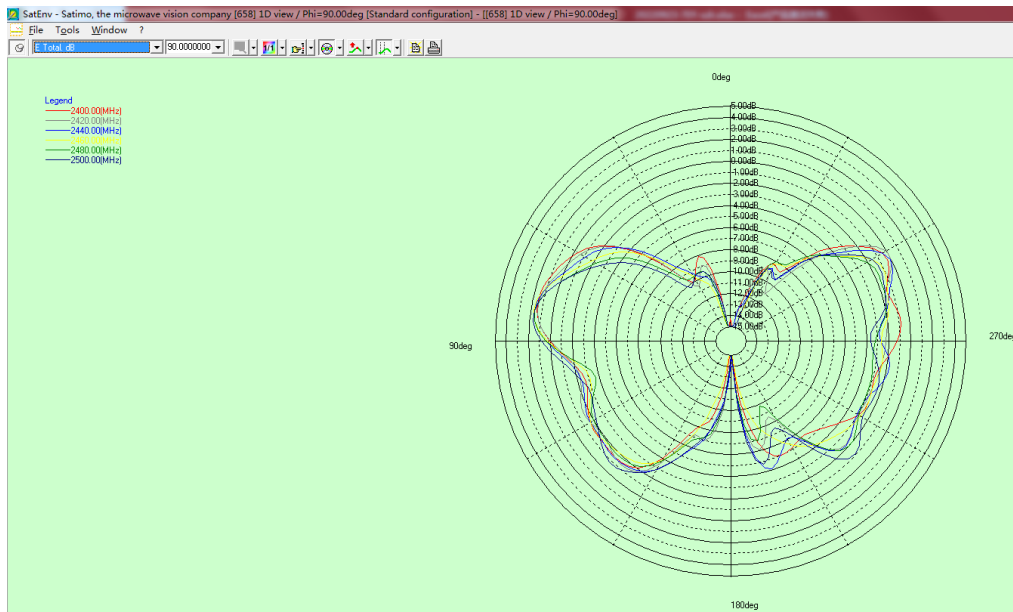
## 1.2 radiation pattern

Frequency	E Total (dB)	Efficiency
2400MHz	2.26304	52%
2420MHz	2.30375	48%
2440MHz	2.45889	48%
2460MHz	2.43928	50%
2480MHz	2.47043	50%
5725MHz	1.88859	41%
5775MHz	1.89646	45%
5800MHz	1.95105	41%
5850MHz	1.97708	41%

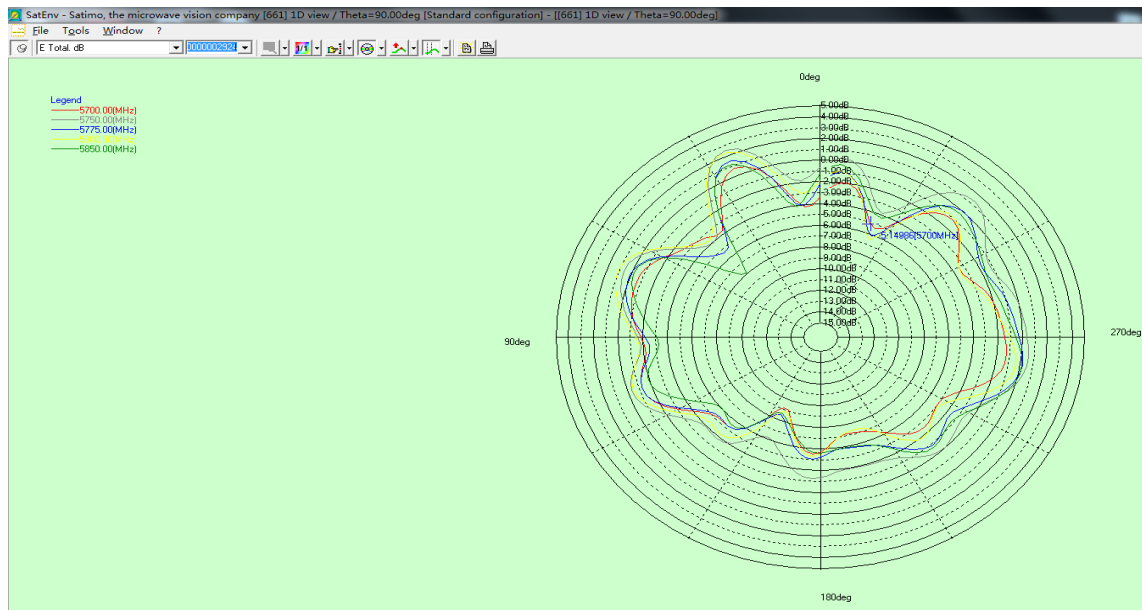
### 2.4G 水平面 (Theat=90°)



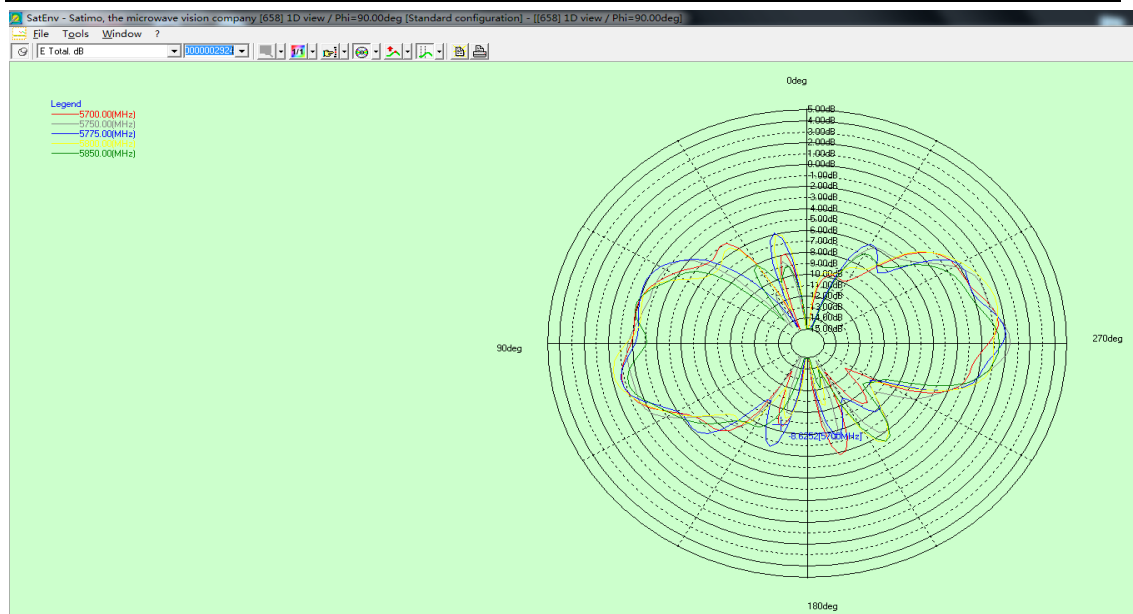
### 2.4G 俯仰面 (Phi=90°)



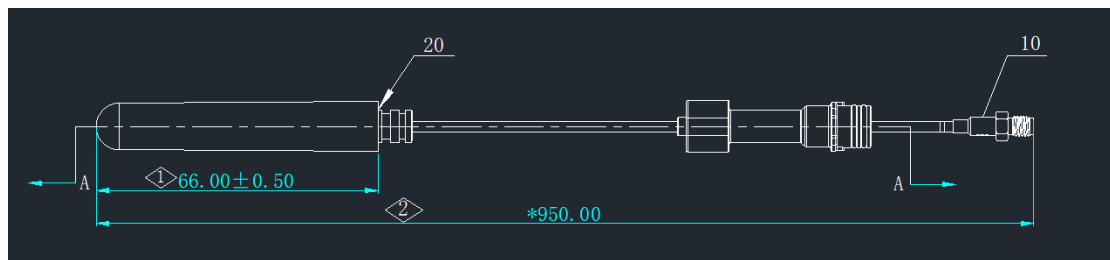
5.8G 水平面 (Theta=90°)



5.8G 俯仰面 (Phi=90°)



### 1.3 Structure drawing





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## 2. AG701 UAV SDR RF ANT1&ANT3

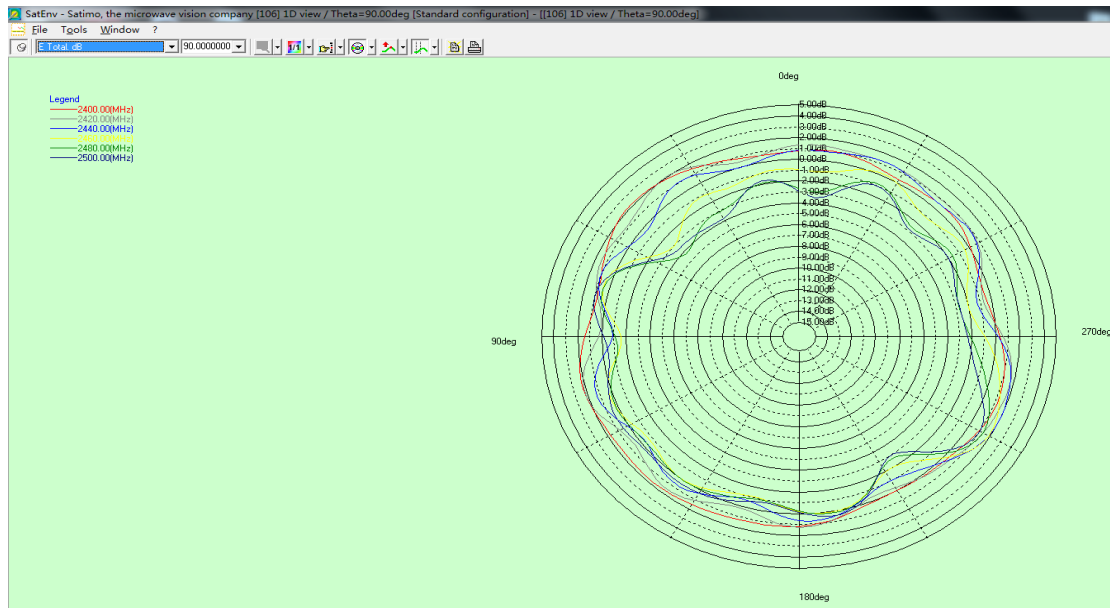
### 2.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	AG701 UAV SDR ANT1 AG701 UAV SDR ANT3		
2	Brand	DJI		
3	Operation Frequency	2.4~2.483GHz; 5.725~5.85GHz		
4	Connector Type	SSMA JACK 180°		
5	Impedance	50ohm		
6	Gain	2.5 dBi@2.4~2.483GHz 2.0 dBi@5.725~5.85GHz		
7	Efficiency	$\geq 60\%$		
8	VSWR	$\leq 2.5$		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional horizontal		
11	Weight			

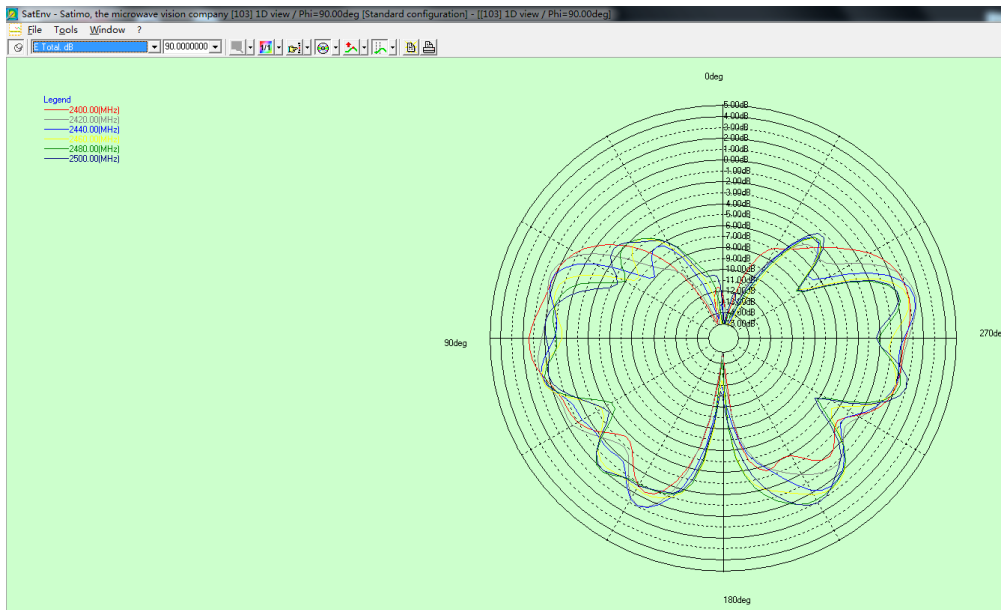
## 2.2 radiation pattern

Frequency	E Total (dB)	Efficiency
2400MHz	2.33798	66%
2420MHz	2.34491	61%
2440MHz	2.47271	62%
2460MHz	2.46699	64%
2480MHz	2.45913	63%
5725MHz	2.01315	64%
5775MHz	2.00707	69%
5800MHz	2.10899	68%
5850MHz	2.06503	65%

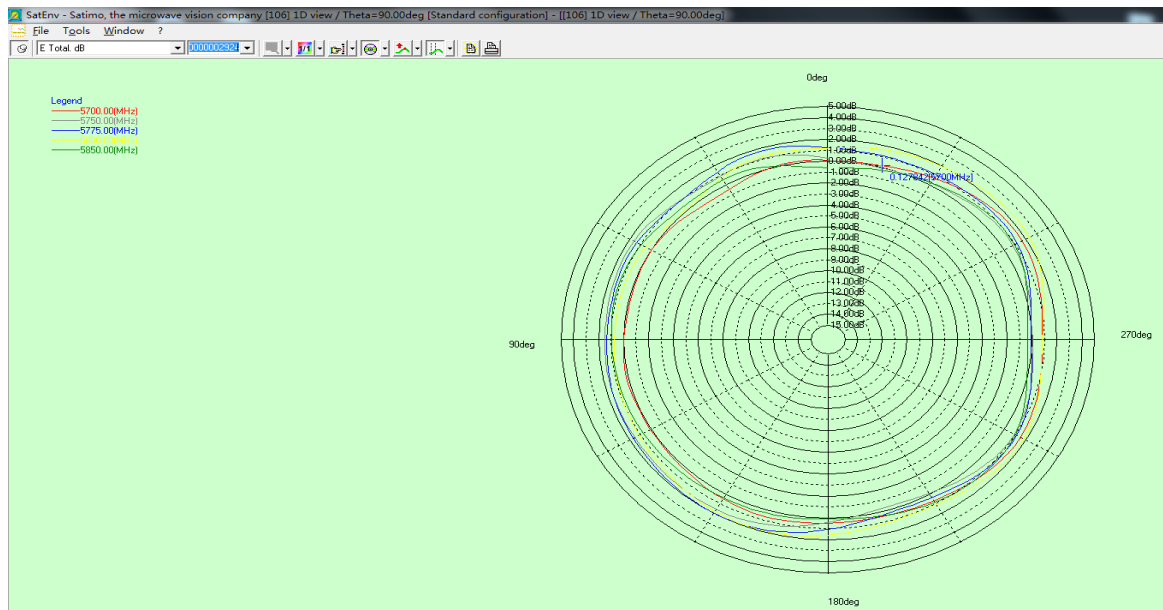
### 2.4G 水平面 (Theat=90°)



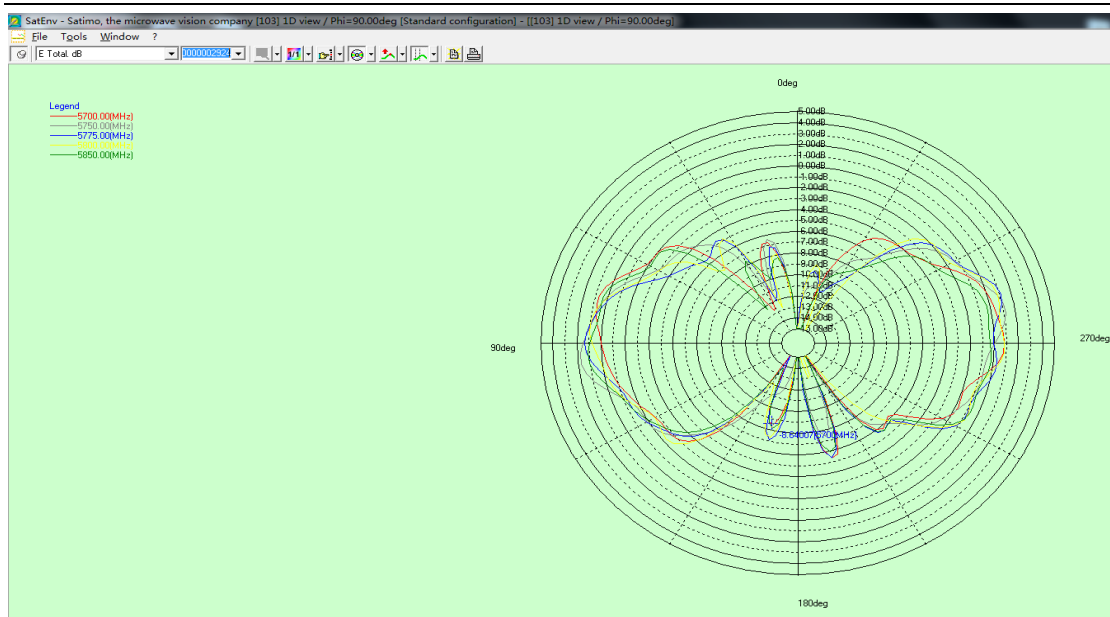
### 2.4G 俯仰面 (Phi=90°)



5.8G 水平面 (Theat=90°)



5.8G 俯仰面 (Phi=90°)



## 2.3 Structure drawing

