

1. AG901 UAV SDR ANT1&ANT3

1.1 Basic Specifications

No.	Specification	Descriptions	Notes
1	Antenna Name	AG901 UAV SDR ANT1 AG901 UAV SDR ANT3	Nose position
2	Brand	DJI	
3	Operation Frequency	2.4~2.483GHz; 5.725~5.85GHz	
4	Connector Type	SSMA PLUG 180°	
5	Impedance	50ohm	
6	Gain	3.5 dBi@2.4~2.483GHz 4.0 dBi@5.725~5.85GHz	
7	Efficiency	$\geq 60\%$	
8	VSWR	≤ 2.5	
9	Polarization type	Linear	
10	3dB Beamwidth	$> 180^\circ$	



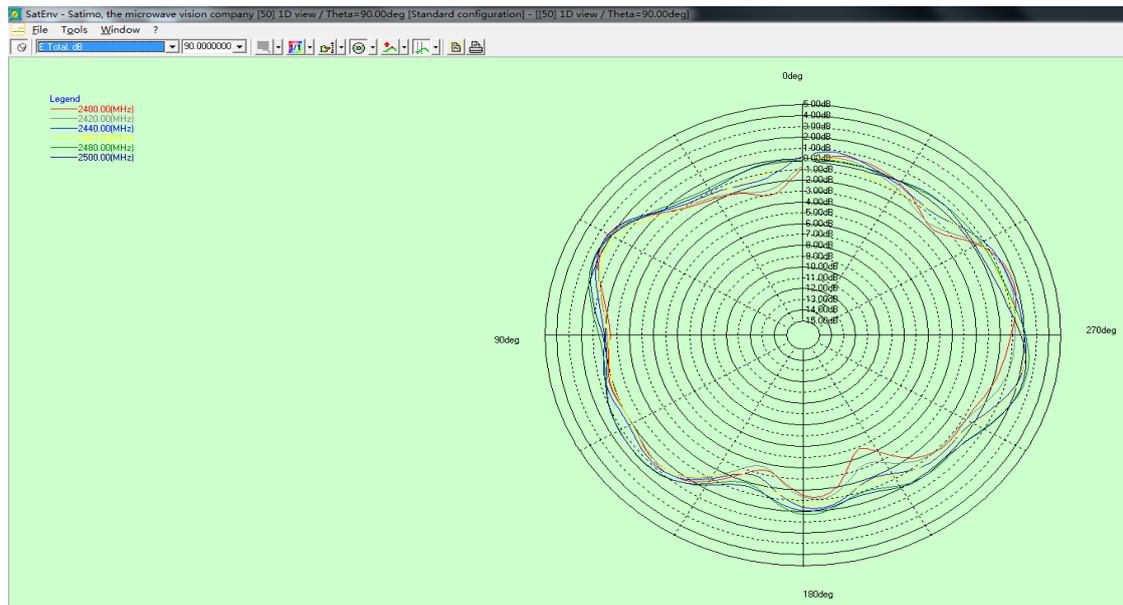
11	Weight		
12	Manufacturer	<p>INPAQ TECHNOLOGY (SUZHOU) CO., LTD.</p> <p>Address: No.5, Chunqiu Road, Panyang Industrial Park, Huangdai Town, Xiangcheng Zone, Suzhou City, 215143 Jiangsu Province, China</p> <p>Shenzhen ZTX Communication Technology Co.,Ltd Address: NO.34,ShilongRoad,Bao'anDi stricShenzhen.Guangdong Province,China</p>	

1.2 radiation pattern

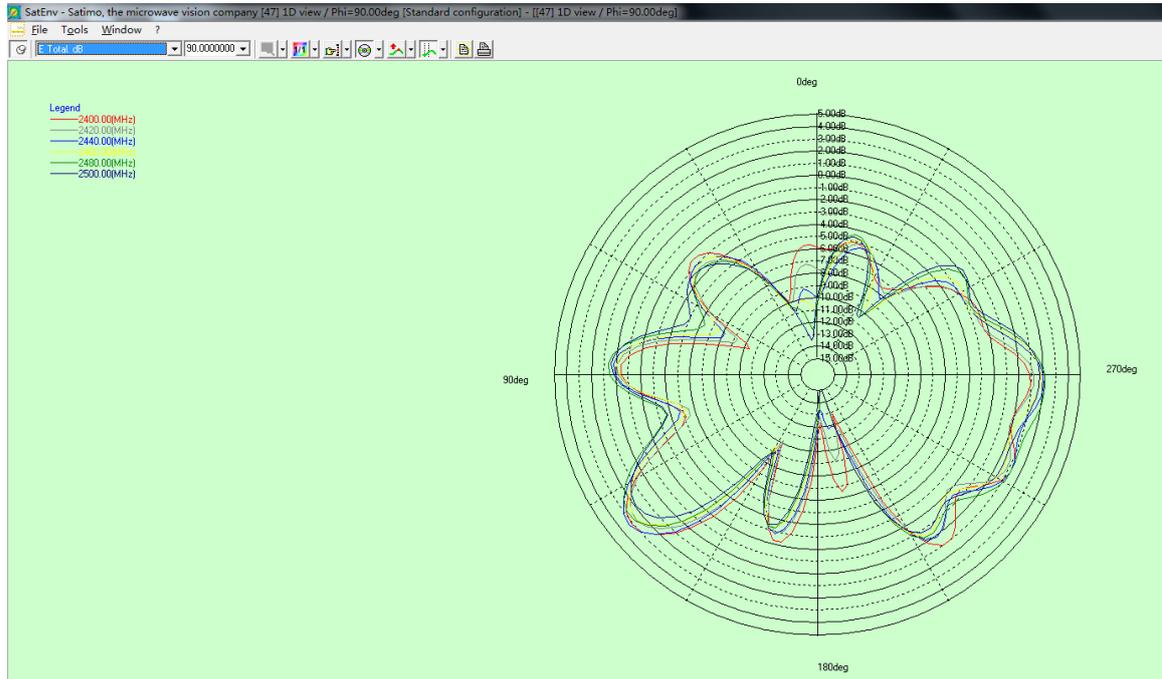
Frequency	E Total (dB)	Efficiency
2400MHz	3.27312	70%
2420MHz	3.3102	75%
2440MHz	3.40517	78%
2460MHz	3.50742	73%
2480MHz	3.37709	71%
5725MHz	3.85259	67%

5775MHz	3.89695	68%
5800MHz	4.09529	70%
5850MHz	3.95367	68%

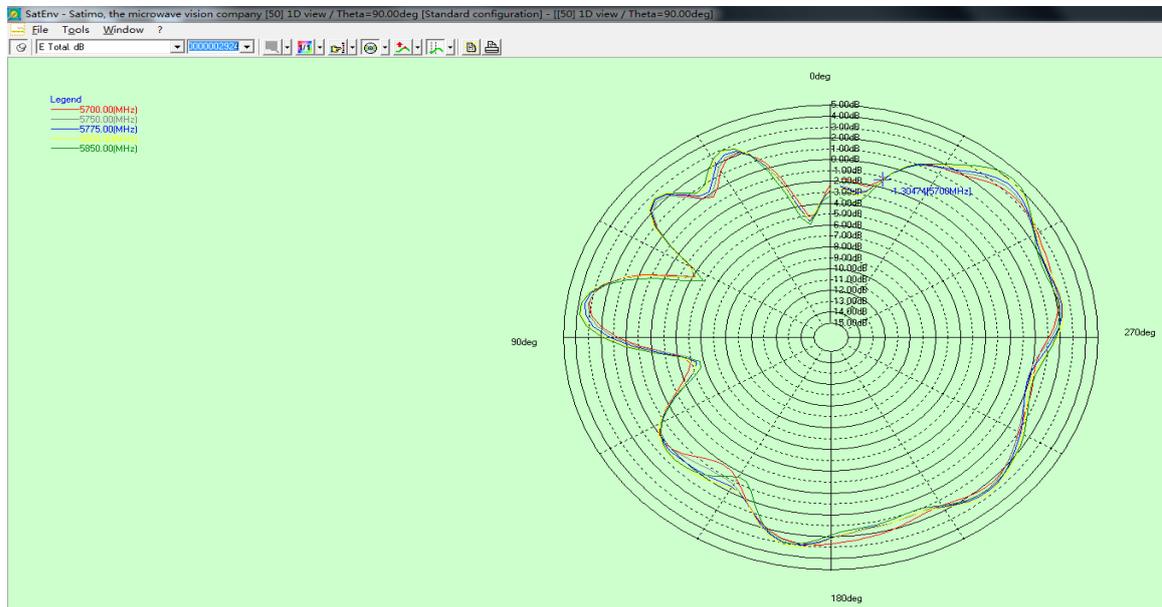
2.4G 水平面 (Theat=90°)



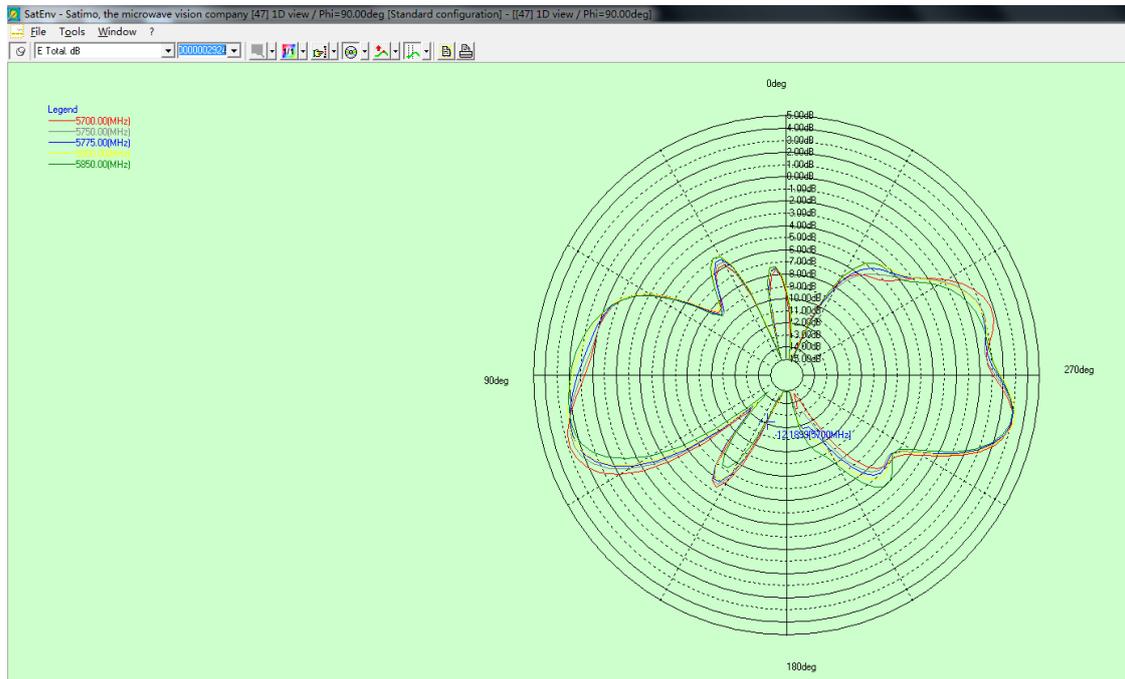
2.4G 俯仰面 (Phi=90°)



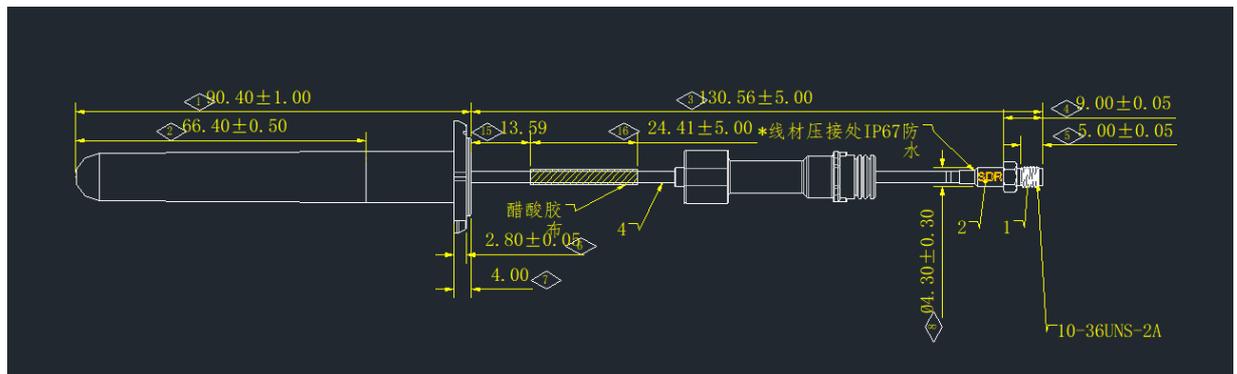
5.8G 水平面 (Theat=90°)



5.8G 俯仰面 (Phi=90°)



1.3 Structure drawing





2. AG901 UAV SDR RF ANT0&ANT2

2.1 Basic Specifications

No.	Specification	Descriptions	Notes
1	Antenna Name	AG901 UAV SDR ANT0 AG901 UAV SDR ANT2	Tail position
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	3.0 dBi@2.4~2.483GHz 3.0 dBi@5.725~5.85GHz	
7	Efficiency	$\geq 50\%$	
8	VSWR	≤ 2.5	
9	Polarization type	Linear	
10	3dB Beamwidth	Omnidirectional horizontal	



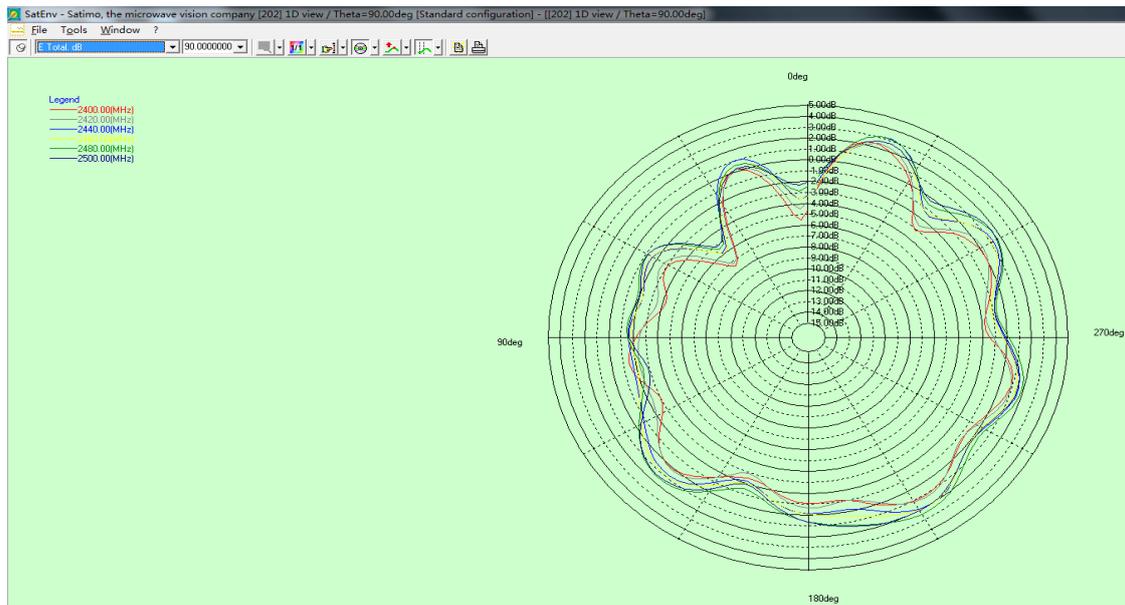
11	Weight		
12	Manufacturer	<p>Shenzhen ZTX Communication Technology Co.,Ltd Address: NO.34,ShilongRoad,Bao'an DistricShenzhen.Guangdon g Province,China</p> <p>Kunshan Innowave Communication TechnologyCo.Lt Address:No.55,Shengchua ng Road,Yushan Town Kunshan City.Jiangsu Province.China</p>	

2.2 radiation pattern

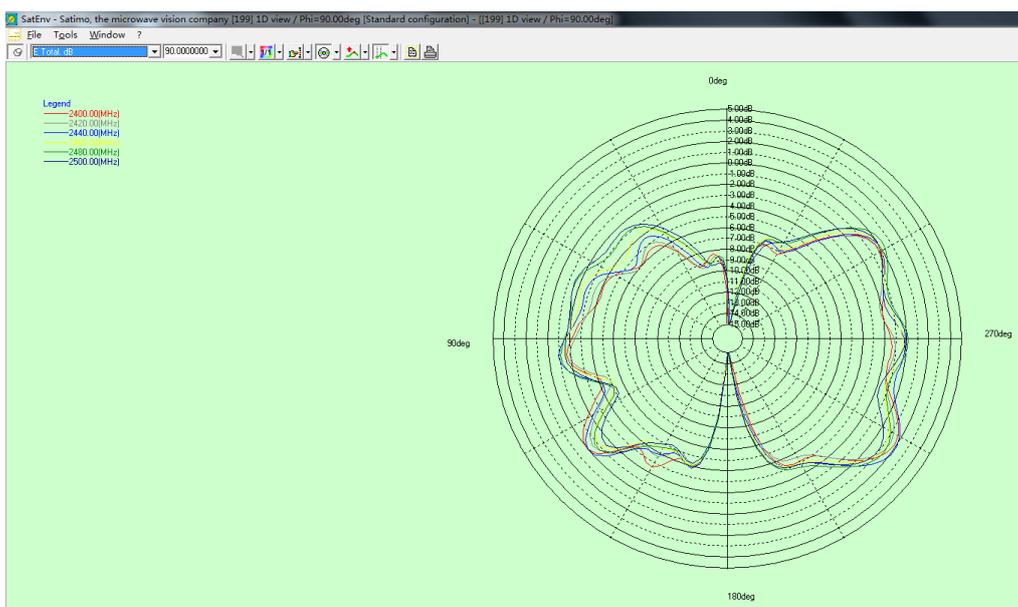
Frequency	E Total (dB)	Efficiency
2400MHz	2. 64845	62%
2420MHz	2. 82933	65%
2440MHz	2. 89089	64%
2460MHz	2. 61873	62%
2480MHz	2. 47334	67%
5725MHz	2. 86973	57%

5775MHz	2.99051	57%
5800MHz	2.93384	56%
5850MHz	2.06518	57%

2.4G 水平面 (Theta=90°)

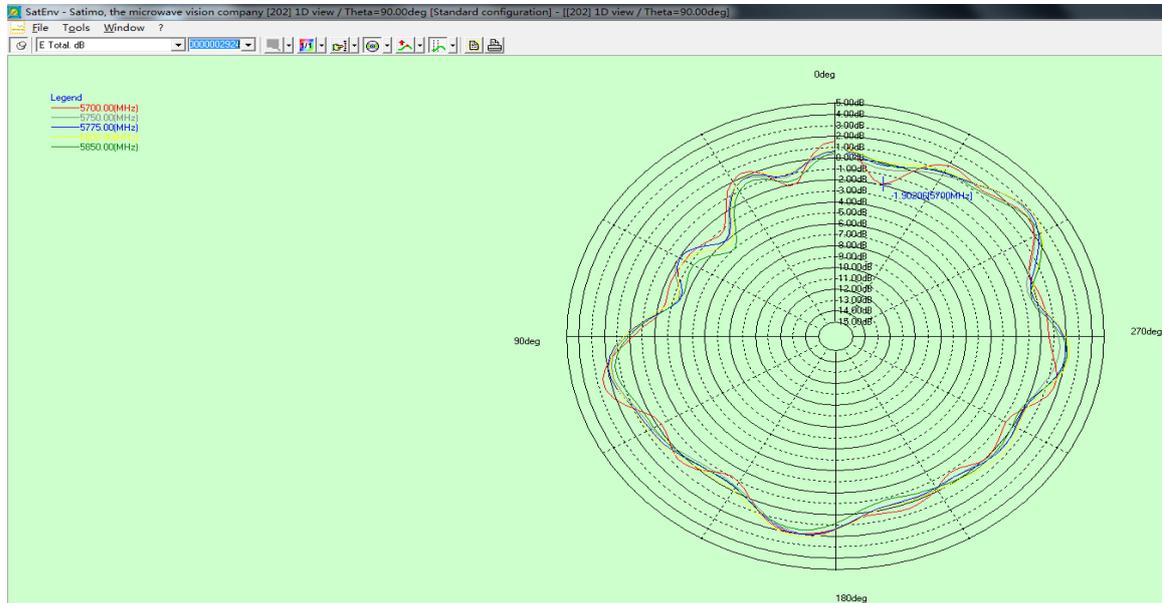


2.4G 俯仰面 (Phi=90°)

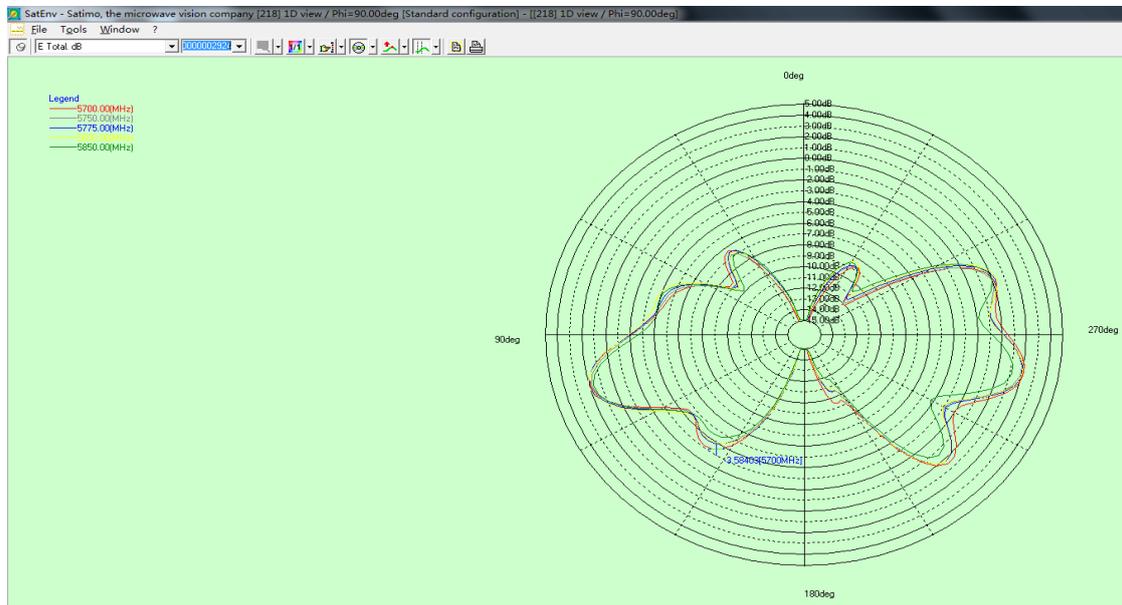




5.8G 水平面 (Theat=90°)



5.8G 俯仰面 (Phi=90°)



2.3 Structure drawing

