1. AG811 UAV SDR ANT1&ANT3

1.1 Basic Specifications

No.	Specification	Descriptions	Notes
1	Antenna Name	AG811 UAV SDR ANT1 AG811 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 3.0 dBi@5.725~5.85GHz	
7	Efficiency	≥50%	
8	VSWR	≤2.5	
9	Polarization type	Linear	
10	3dB Beamwidth	＞180°	

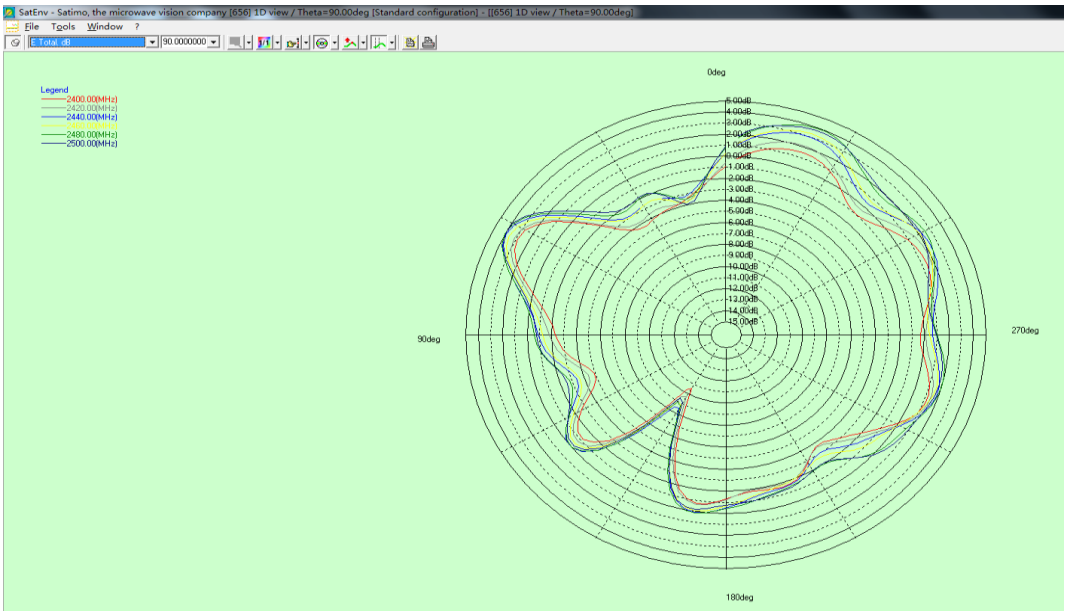
11	Weight		
12	Manufacturer	INPAQ TECHNOLOGY (SUZHOU) CO., LTD. Address: No.5, Chunqiu Road, Panyang Industrial Park, Huangdai Town, Xiangcheng Zone, Suzhou City, 215143 Jiangsu Province, China Shenzhen ZTX Communication Technology Co.,Ltd Address：NO.34,ShilongRoad,Bao'anDistricShenzhen.Guangdong Province,China	

1.2 radiation pattern

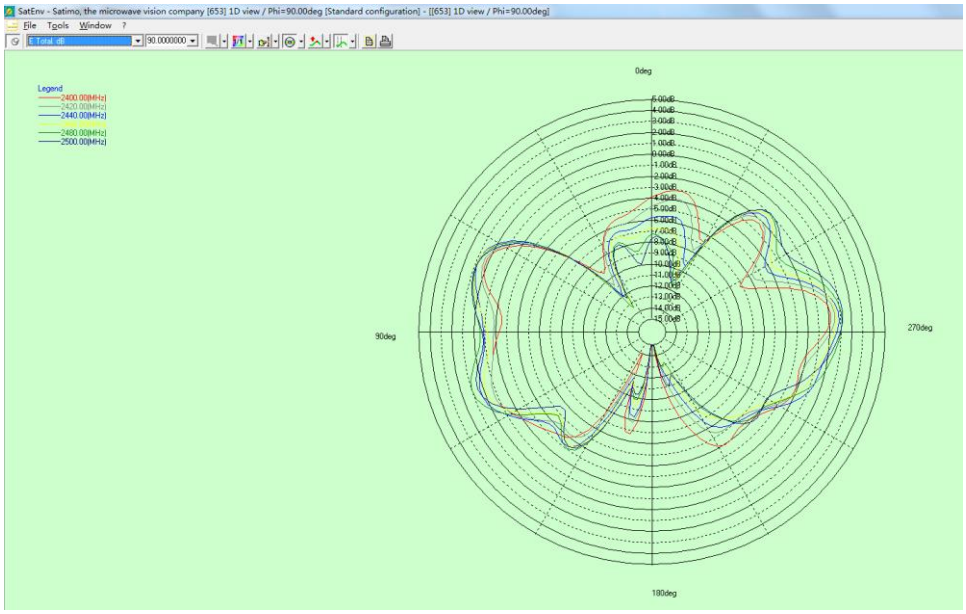
Frequency	E Total (dB)	Efficiency
2400MHz	3.46802	54%
2420MHz	3.44966	55%
2440MHz	3.3551	56%
2460MHz	3.33363	57%
2480MHz	3.24501	55%

5725MHz	2.86438	54%
5775MHz	2.92108	55%
5800MHz	3.03083	56%
5850MHz	2.85795	52%

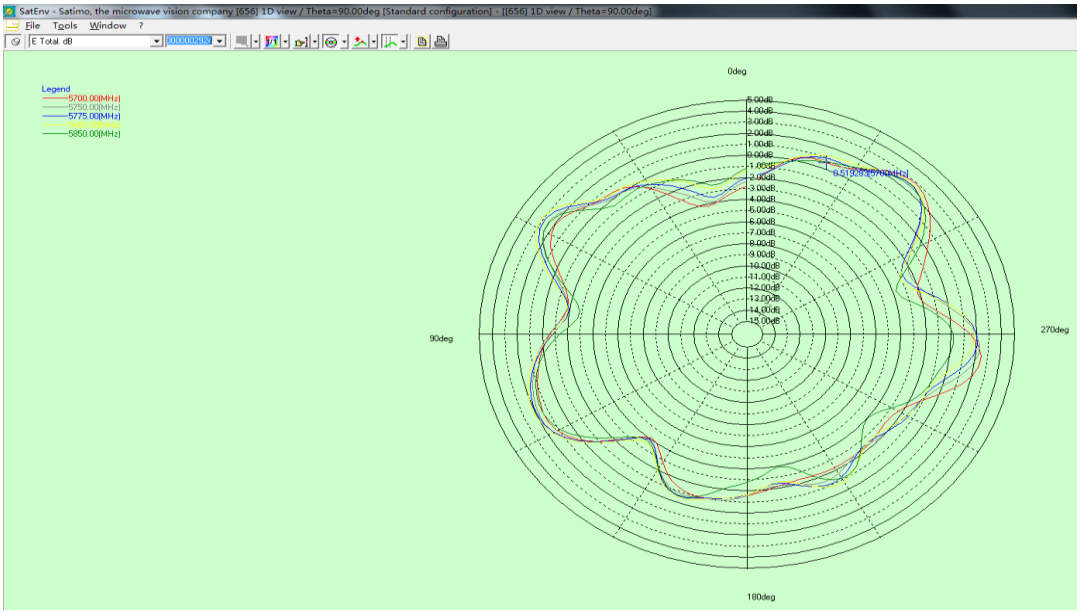
2.4G 水平面（Theat=90°）



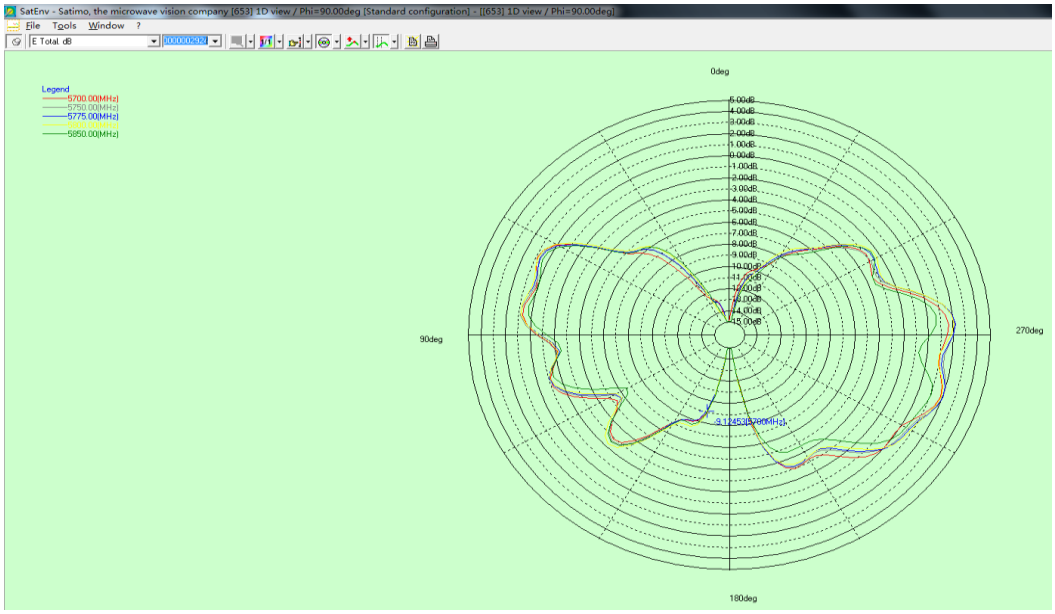
2.4G 俯仰面（Phi=90°）



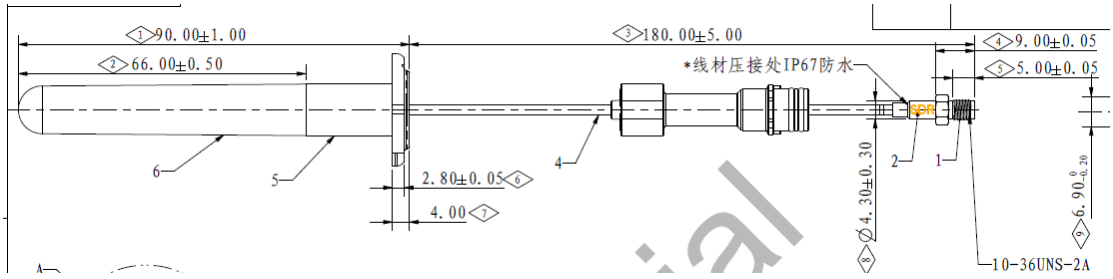
5.8G 水平面（Theat=90°）



5.8G 俯仰面（Phi=90°）



1.3 Structure drawing



2. AG811 UAV SDR RF ANT0&ANT2

2.1 Basic Specifications

No.	Specification	Descriptions	Notes
1	Antenna Name	AG811 UAV SDR ANT0 AG811 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	3.5dBi@2.4~2.483GHz 3.0 dBi@5.725~5.85GHz	
7	Efficiency	≥40%	
8	VSWR	≤2.5	
9	Polarization type	Linear	
10	3dB Beamwidth	Omnidirectional horizontal	

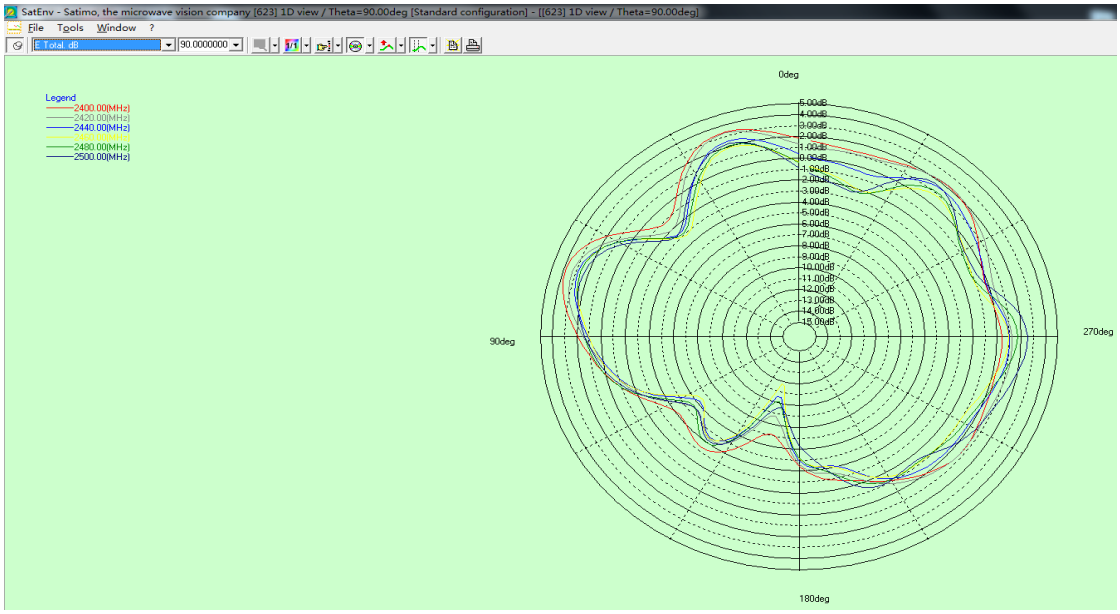
11	Weight		
12	Manufacturer	Shenzhen ZTX Communication Technology Co.,Ltd Address： NO.34,ShilongRoad,Bao'anDistricShenzhen.Guangdong Province,China Kunshan Innowave Communication TechnologyCo.Lt Address:No.55,Shengchuang Road,Yushan Town Kunshan City.Jiangsu Province.China	

2.2 radiation pattern

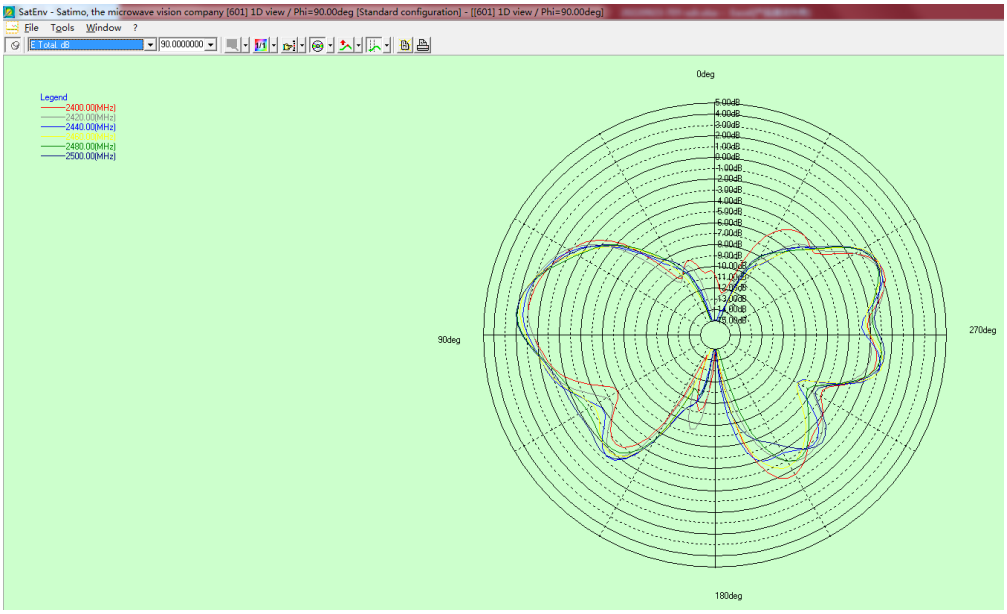
Frequency	E Total (dB)	Efficiency
2400MHz	2.91571	56%
2420MHz	3.05128	57%
2440MHz	3.48817	59%
2460MHz	3.16023	55%
2480MHz	2.91571	53%
5725MHz	2.71019	42%

5775MHz	3.00977	46%
5800MHz	2.94058	45%
5850MHz	2.55981	43%

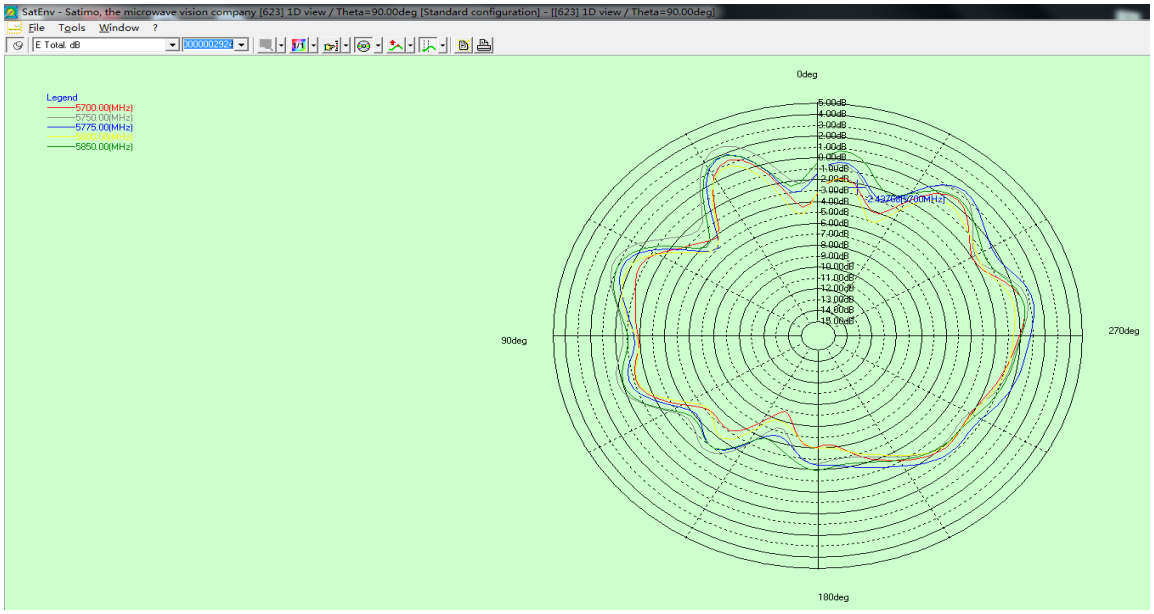
2.4G 水平面（Theat=90°）



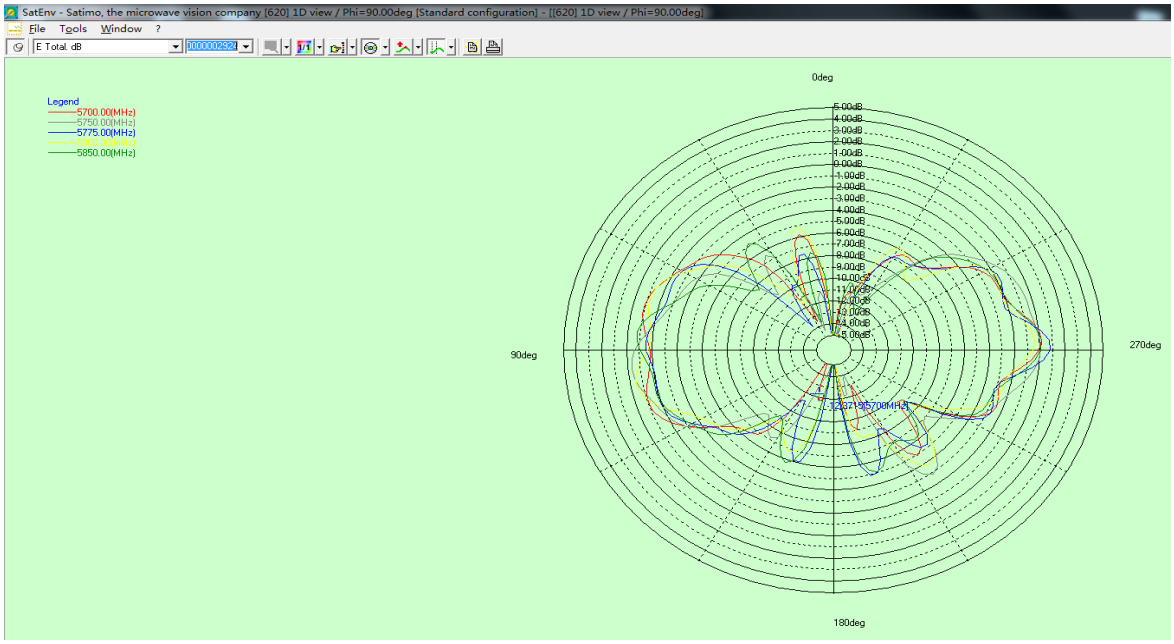
2.4G 俯仰面（Phi=90°）



5.8G 水平面（Theat=90°）



5.8G 俯仰面（Phi=90°）



2.3 Structure drawing