

1. AG711 UAV SDR RF ANT0&ANT2

1.1 Basic Specifications

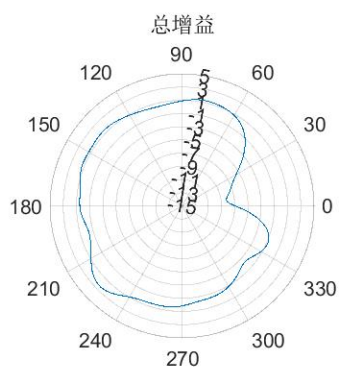
No.	Specification	Descriptions	Notes
1	Antenna Name	AG711 UAV SDR ANT0 AG711 UAV SDR ANT1	Tail position
2	Brand	DJI	
3	Operation Frequency	2.4~2.483GHz; 5.125-5.25GHz 5.725~5.85GHz	
4	Connector Type	MiniFraka	
5	Impedance	50ohm	
6	Gain	2.5dBi@2.4~2.483GHz 2.0dbi@5.125-5.25GHz 2.5dBi@5.725~5.85GHz	
7	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'a	

		nDistricShenzhen.Guangdo ng Province,China Kunshan Innowave Communication TechnologyCo.Lt Address:No.55,Shengchua ng Road,Yushan Town Kunshan City.Jiangsu Province.China	
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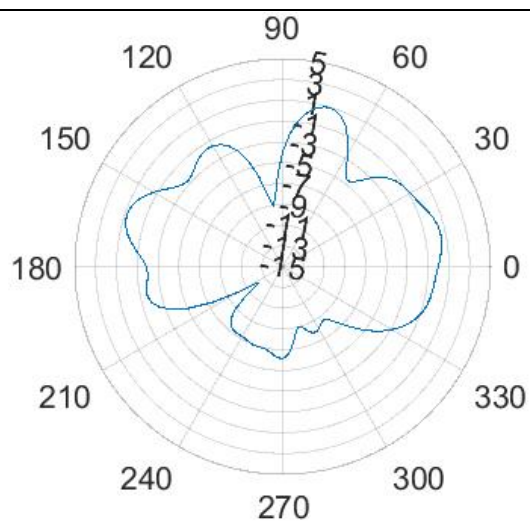
1.2 radiation pattern

Frequency	E Total (dB)	Efficiency
2400MHz	2.3	46%
2420MHz	2.5	57%
2440MHz	2.3	55%
2460MHz	2.3	55%
2480MHz	2.4	53%
5200MHz	2.0	43%
5725MHz	2.1	52%
5775MHz	2.4	46%
5800MHz	2.5	45%
5850MHz	2.5	48%

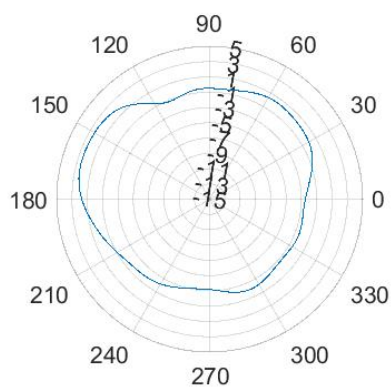
2.4G 水平面 (Theat=90°)



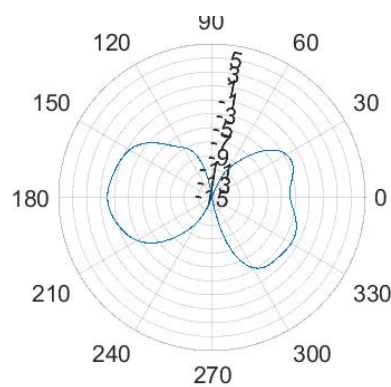
2.4G 俯仰面 (Phi=0°)



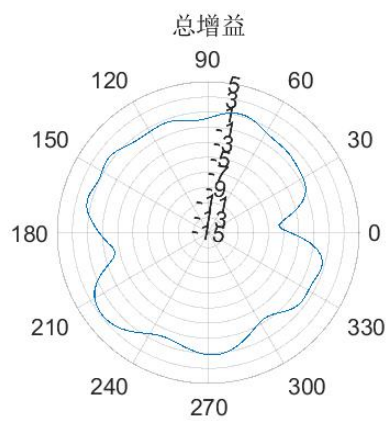
5.2G 水平面 (Theat=90°)



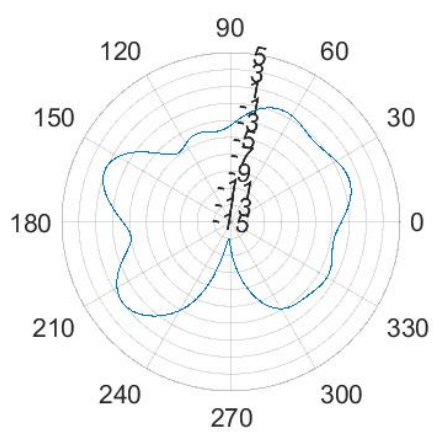
5.2G 俯仰面 (Phi=0°)



5.8G 水平面 (Theat=90°)



5.8G 俯仰面 ($\Phi=0^\circ$)



1.3 Structure drawing

