

AC203 Wi-Fi Antenna

4.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	<u>AC203 Wi-Fi ANT</u>		
2	Brand	<u>DJI</u>		
3	Operation Frequency	<u>2.4~2.483GHz;</u> <u>5.150~5.875GHz</u>		
4	Connector Type	弹片		
5	Impedance	50ohm		
6	Gain	WiFi: -3dBi@2.4~2.4835GHz 1.0dBi@5.15~5.25GHz 0.7dBi@5.725~5.85GHz BT: -3dBi@2.4~2.4835GHz		
7	Efficiency	$\geq 20\%$		
8	VSWR	≤ 2		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional horizon		
11	Manufacturer	SZ DJI Osmo Technology Co., Ltd. 4F, Jingkou Community Comprehensive Service Building, No. 83 Bishui Road North, Guangming Street, Guangming District, Shenzhen, Guangdong Province, China		



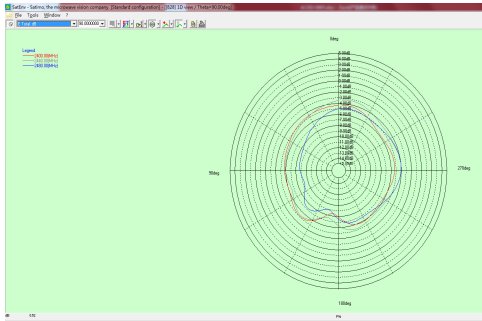
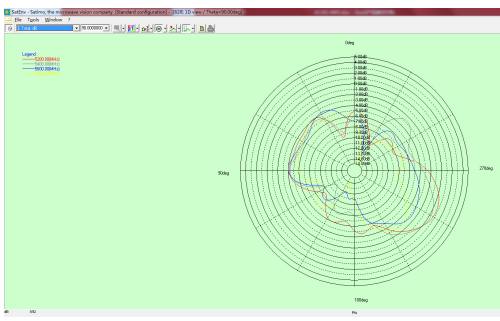
12	Antenna type	Integrated antenna		
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4.2 Gain & Efficiency

Frequency (MHz)	Efficiency	Gain(dBi)
2400MHz	15%	-4
2420MHz	19%	-3.4
2440MHz	22%	-3
2460MHz	21%	-3.1
2480MHz	19%	-3.4
5150MHz	34%	0.5
5200MHz	37%	1.0
5250MHz	39%	1.0
5725MHz	32%	0.7
5750MHz	29%	0.5
5775MHz	26%	0.4
5800MHz	25%	0.4
5825MHz	24%	0.3
5850MHz	23%	0.2

4.3 radiation pattern

	2.4GHz	5.1&5.8GHz
Theta=90		

4.4 Structure drawing