

DJI Antenna Datasheet

ASVL01-high gain antenna

1.Basic Specifications

No.	Specification	Descriptions	Notes
1	Antenna Name	ASVL01-high gain antenna	
2	Brand	DJI	
3	Operation Frequency	2.4~2.483GHz; 5.15~5.25GHz; 5.25~5.35GHz; 5.47~5.725GHz; 5.725~5.875GHz	
4	Connector Type	SMA	
5	Impedance	50ohm	
6	Gain	3.75dBi@2.4GHz; 4.5dBi@5.1GHz; 4.5dBi@5.2GHz; 4.5dBi@5.5GHz; 6.3dBi@5.8GHz	
7	Efficiency	$\geq 70\%$	
8	VSWR	≤ 2	
9	Polarization type	Linear	
10	3dB Beamwidth	Omnidirectional horizon	
11	Weight		

2.Gain & Efficiency

频率	Gain (dB)
2400MHz	3.45455
2420MHz	3.74795
2440MHz	3.46325
2460MHz	3.44102
2480MHz	3.60147
5100MHz	4.47815
5150MHz	4.42207
5200MHz	4.54034
5250MHz	4.62527
5300MHz	4.63707
5350MHz	4.66229
5470MHz	4.63825
5500MHz	4.68991
5550MHz	4.78243
5600MHz	4.87928
5625MHz	5.14962
5650MHz	5.30756
5675MHz	5.53586
5700MHz	5.74699
5725MHz	5.81045
5750MHz	5.92295
5775MHz	6.06599
5800MHz	6.17539
5825MHz	6.28555
5850MHz	6.29639
5875MHz	6.25391
5900MHz	6.27392

频率	Efficiency
2400MHz	90%
2420MHz	96%
2440MHz	87%
2460MHz	91%
2480MHz	84%
5100MHz	79%
5150MHz	77%
5200MHz	82%
5250MHz	80%
5300MHz	78%
5350MHz	92%
5470MHz	88%
5500MHz	89%
5550MHz	87%
5600MHz	89%
5625MHz	87%
5650MHz	89%
5675MHz	93%
5700MHz	88%
5725MHz	97%
5750MHz	94%
5775MHz	96%
5800MHz	95%
5825MHz	97%
5850MHz	95%
5875MHz	96%
5900MHz	98%

3. radiation pattern



