

1. WA 341 UAV WIFI ANT0 L

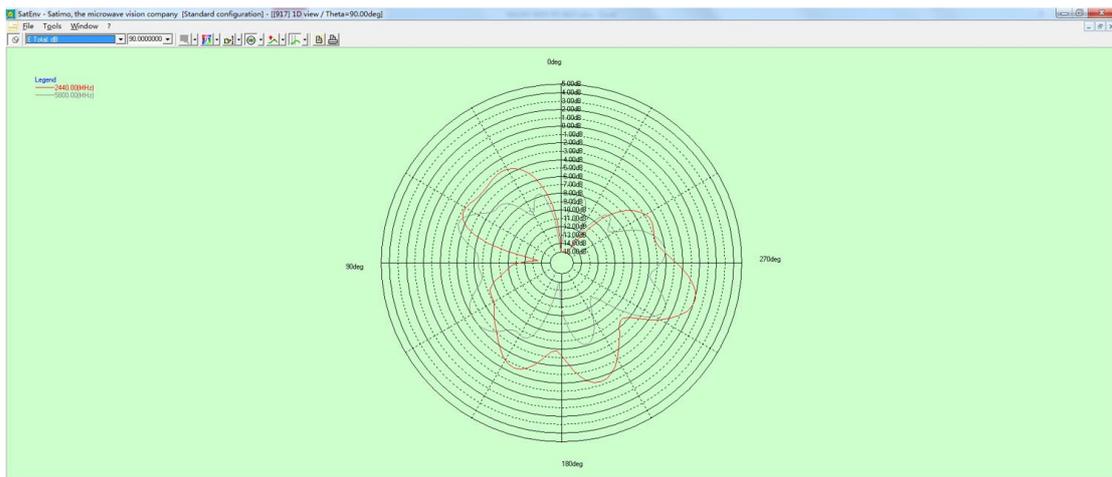
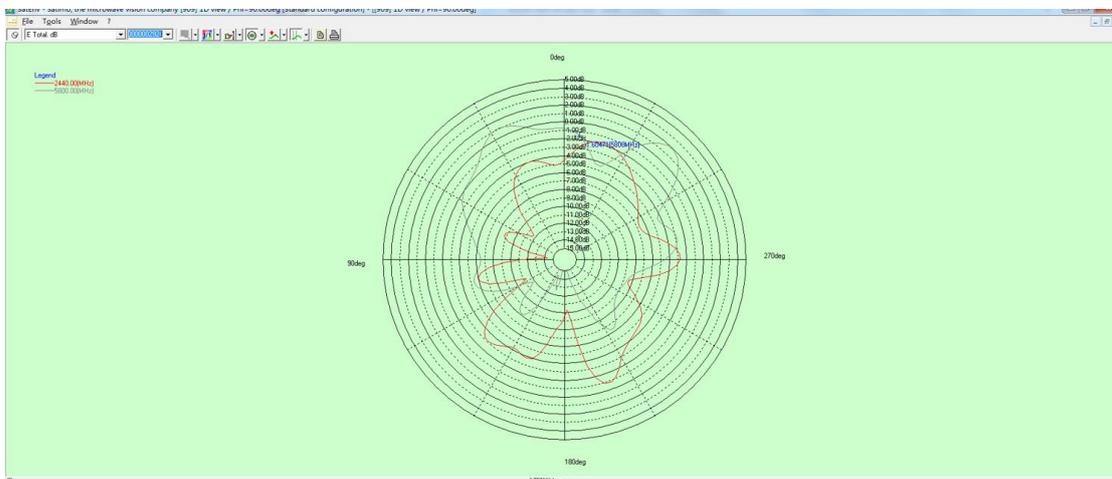
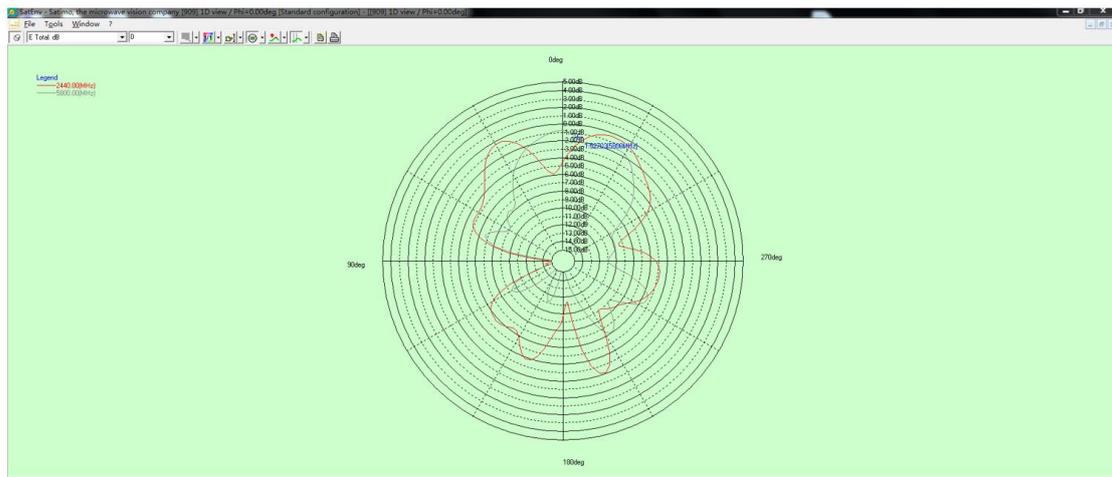
1.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	WA341 UAV WIFI ANT0 L		
2	Brand	DJI		
3	Operation Frequency	2.4~2.483GHz; 5.725~5.85GHz		
4	Connector Type	4 代 IPEX		
5	Impedance	50ohm		
6	Gain	0.86dBi@2.4~2.483GHz 1.94dBi@5.15~5.25GHz 2.55dBi@5.725~5.85GHz		
7	Efficiency	$\geq 20\%$		
8	VSWR	≤ 3.0		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional horizontal		
11	Manufacturer	1. Meizhou Benchuang Electronics Co., Ltd 2. Shenzhen Kinwong Electronic Co., Ltd.		



1.2 radiation pattern

Frequency (MHz)	Efficiency	Frequency (MHz)	Gain
2400MHz	28%	2400MHz	-0.14
2410MHz	28%	2410MHz	-0.41
2420MHz	29%	2420MHz	-0.56
2430MHz	32%	2430MHz	-0.24
2440MHz	34%	2440MHz	0.56
2450MHz	33%	2450MHz	0.41
2460MHz	33%	2460MHz	0.33
2470MHz	33%	2470MHz	0.80
2480MHz	34%	2480MHz	0.68
2490MHz	32%	2490MHz	0.59
2500MHz	33%	2500MHz	0.86
5150MHz	26%	5150MHz	1.94
5200MHz	29%	5200MHz	1.38
5250MHz	34%	5250MHz	1.05
5300MHz	39%	5300MHz	1.99
5350MHz	38%	5350MHz	1.49
5400MHz	41%	5400MHz	1.83
5450MHz	41%	5450MHz	2.42
5500MHz	38%	5500MHz	2.55
5525MHz	37%	5525MHz	2.40
5550MHz	36%	5550MHz	2.23
5575MHz	35%	5575MHz	2.07
5600MHz	34%	5600MHz	1.86
5625MHz	33%	5625MHz	1.67
5650MHz	30%	5650MHz	1.31
5675MHz	28%	5675MHz	0.90
5700MHz	27%	5700MHz	0.66
5725MHz	26%	5725MHz	0.36
5750MHz	28%	5750MHz	0.06
5775MHz	29%	5775MHz	0.24
5800MHz	29%	5800MHz	0.96
5825MHz	27%	5825MHz	0.27
5850MHz	23%	5850MHz	0.55





1.3 Structure drawing



2. WA341UAV WIFI ANT1 R

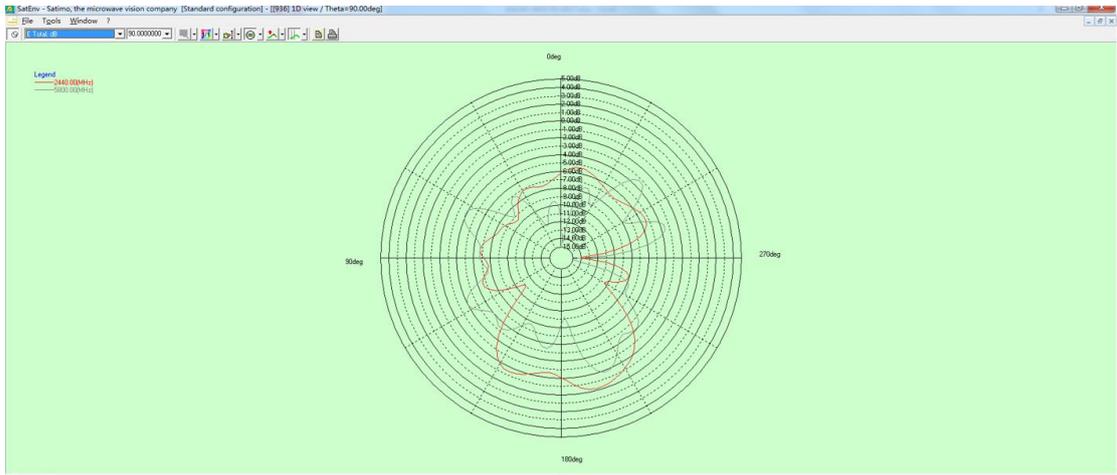
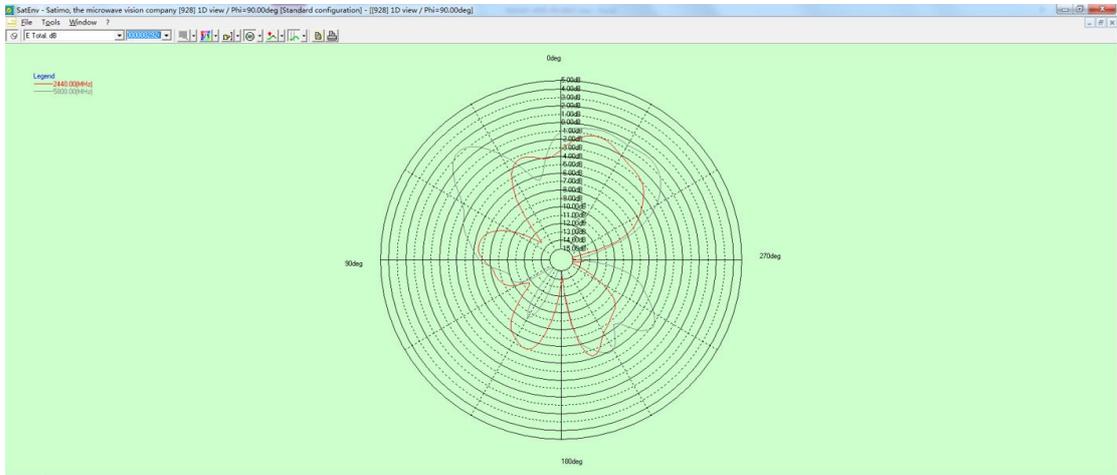
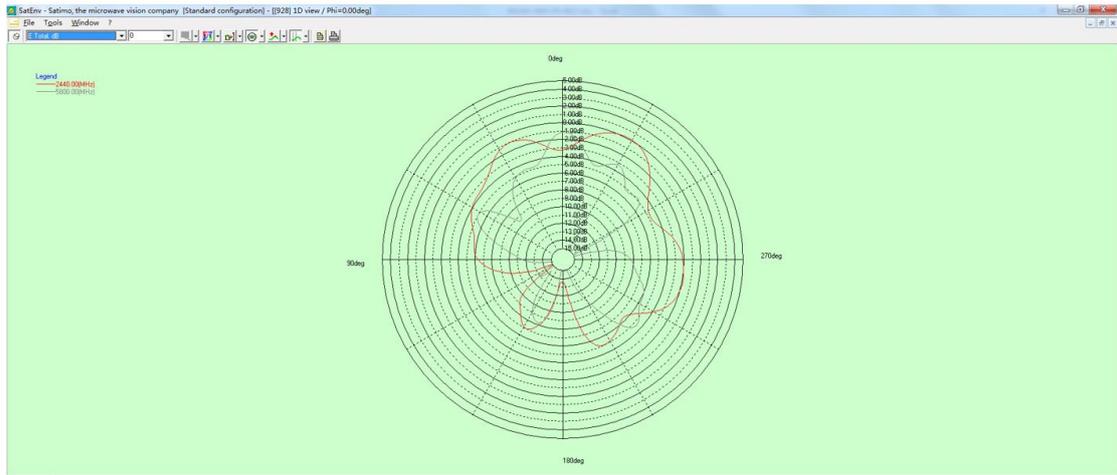
2.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	WA <u>341</u> UAV WIFI ANT1 R		
2	Brand	DJI		
3	Operation Frequency	2.4~2.483GHz; 5.725~5.85GHz		
4	Connector Type	4 代 IPEX		
5	Impedance	50ohm		
6	Gain	1.14dBi@2.4~2.483GHz 2.26dBi@5.15~5.25GHz 2.89 dBi@5.725~5.85GHz		
7	Efficiency	$\geq 20\%$		
8	VSWR	≤ 3.0		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional horizontal		
11	Manufacturer	1. Meizhou Benchuang Electronics Co., Ltd 2. Shenzhen Kinwong Electronic Co., Ltd.		



2.2 radiation pattern

Frequency (MHz)	Efficiency	Frequency (MHz)	Gain
2400MHz	28%	2400MHz	0.43
2410MHz	28%	2410MHz	0.22
2420MHz	29%	2420MHz	0.61
2430MHz	31%	2430MHz	1.04
2440MHz	32%	2440MHz	1.14
2450MHz	31%	2450MHz	1.01
2460MHz	30%	2460MHz	0.74
2470MHz	30%	2470MHz	0.27
2480MHz	29%	2480MHz	-0.05
2490MHz	28%	2490MHz	-0.29
2500MHz	27%	2500MHz	-0.26
5150MHz	14%	5150MHz	-1.40
5200MHz	19%	5200MHz	0.50
5250MHz	28%	5250MHz	2.26
5300MHz	36%	5300MHz	2.17
5350MHz	34%	5350MHz	2.69
5400MHz	35%	5400MHz	2.39
5500MHz	33%	5500MHz	2.39
5525MHz	34%	5525MHz	2.89
5550MHz	34%	5550MHz	2.04
5575MHz	34%	5575MHz	2.09
5600MHz	33%	5600MHz	2.75
5625MHz	32%	5625MHz	2.23
5650MHz	30%	5650MHz	2.65
5675MHz	29%	5675MHz	2.19
5700MHz	30%	5700MHz	1.95
5725MHz	29%	5725MHz	1.70
5750MHz	30%	5750MHz	1.50
5775MHz	30%	5775MHz	1.71
5800MHz	29%	5800MHz	1.56
5825MHz	27%	5825MHz	1.00
5850MHz	25%	5850MHz	0.15





2.3 Structure drawing