

WA141 UAV SDR LB ANT0

1.1 Basic Specifications

No.	Specification	Descriptions	Notes
1	Antenna Name	WA141 UAV SDR LB ANT0	
2	Brand	DJI	
3	Operation Frequency	2.4~2.483GHz; 5.15~5.25GHz; 5.725~5.85GHz	
4	Connector Type	4 代 IPEX	
5	Impedance	50ohm	
6	Gain	1.5 dBi@2.4~2.483GHz 0.35 dBi@5.15~5.25GHz 2.0 dBi@5.725~5.85GHz	
7	Efficiency	≥40%	
8	VSWR	≤3	
9	Polarization type	Linear	
10	3dB Beamwidth	Omnidirectional horizontal	
11	Antenna Type	PIFA	
12	Manufacturer	Kunshan Innowave Communication Technology Co., Ltd. Address: No. 1689, Zizhu Road, Yushan	

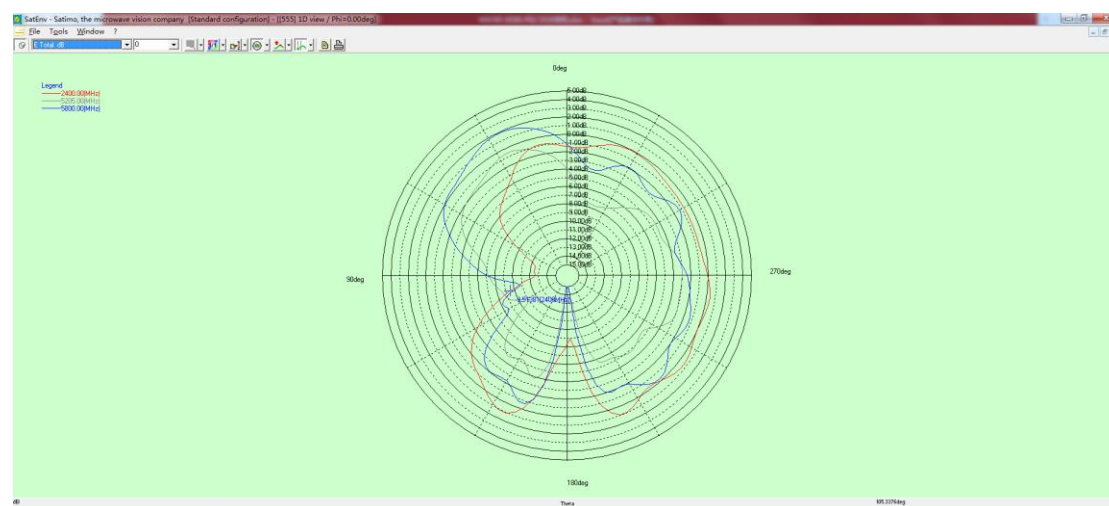


		Town, Kunshan City, Jiangsu Province	
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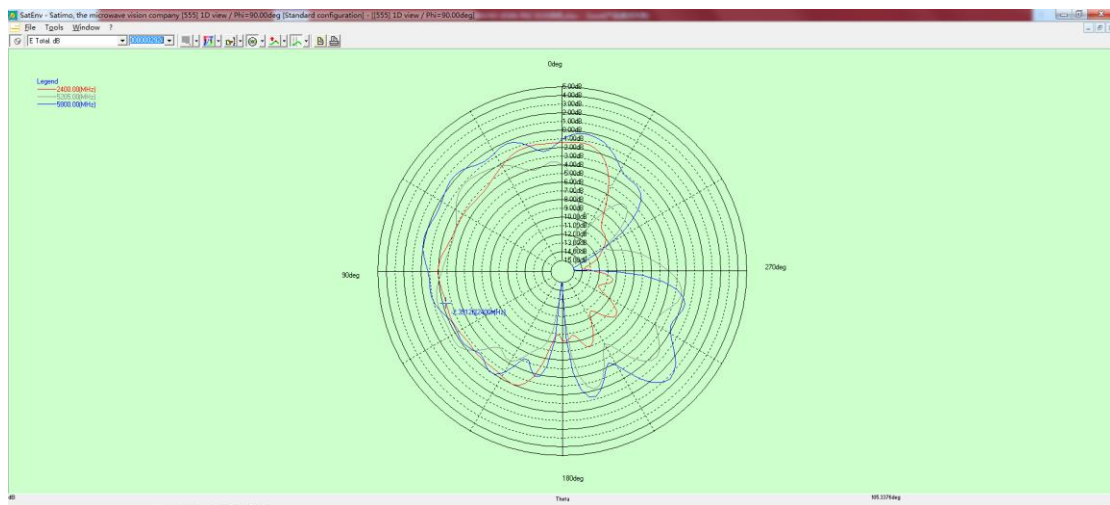
1.2 radiation pattern

Frequency	Efficiency()	E Total. dB(dB)
2.4	48%	1.5
2.44	46%	1.38
2.48	40%	0.45
5.2	35%	0.35
5.725	57%	1.86
5.8	61%	2.0
5.85	59%	2.0

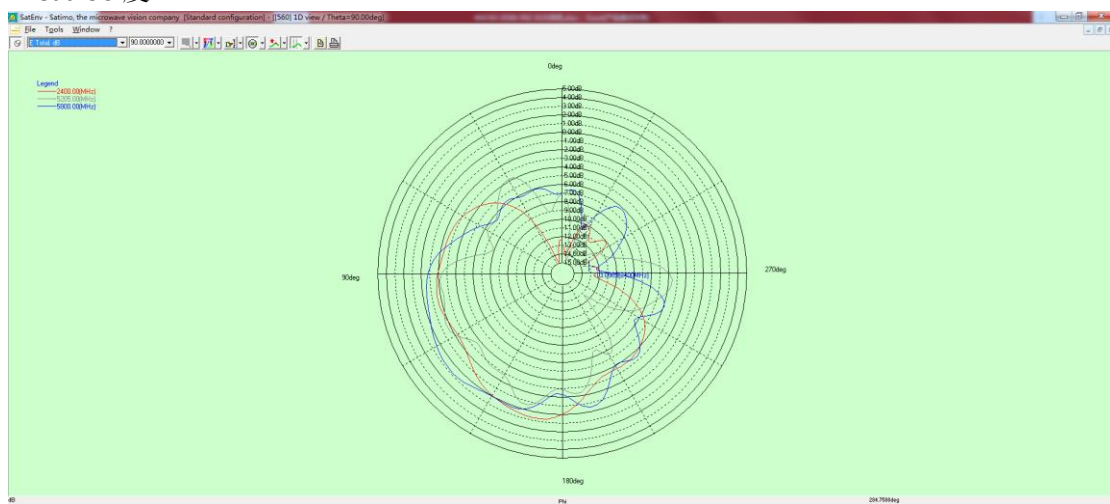
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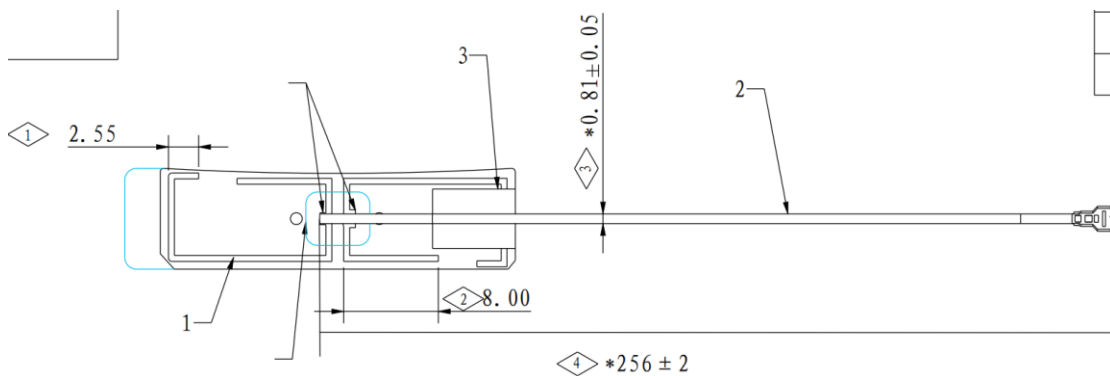
PHI=90 度



Theat=90 度



1.3 Structure drawing





WA141 UAV SDR RB ANT1

1.1 Basic Specifications

No.	Specification	Descriptions	Notes
1	Antenna Name	WA141 UAV SDR RB ANT1	
2	Brand	DJI	
3	Operation Frequency	2.4~2.483GHz; 5.15~5.25GHz; 5.725~5.85GHz	
4	Connector Type	4 代 IPEX	
5	Impedance	50ohm	
6	Gain	1.5 dBi@2.4~2.483GHz 0.66 dBi@5.15~5.25GHz 2.0 dBi@5.725~5.85GHz	
7	Efficiency	$\geq 40\%$	
8	VSWR	≤ 3	
9	Polarization type	Linear	
10	3dB Beamwidth	Omnidirectional horizontal	
11	Antenna Type	PIFA	
12	Manufacturer	Kunshan Innowave Communication Technology Co., Ltd. Address: No. 1689, Zizhu Road, Yushan	

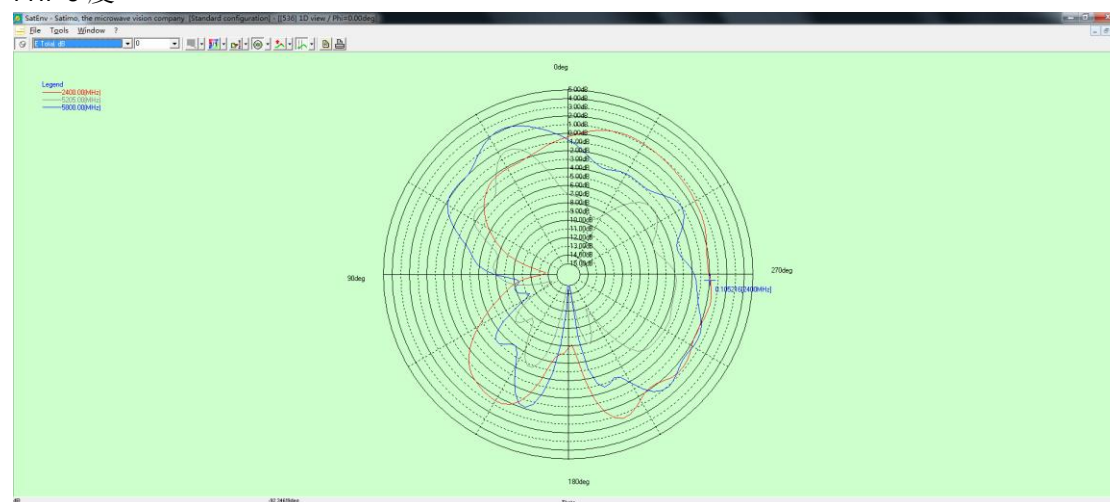


Town, Kunshan City, Jiangsu Province

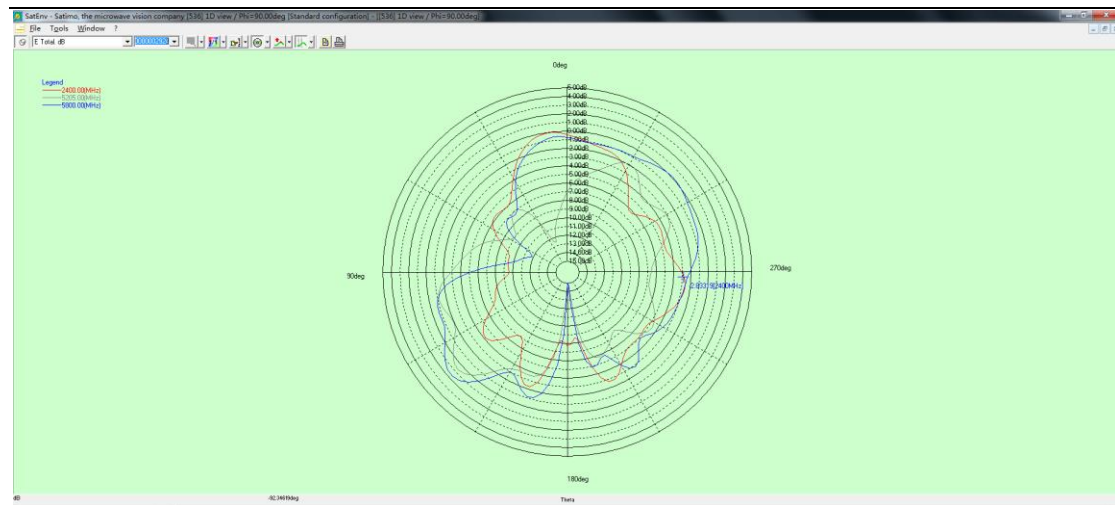
1.2 radiation pattern

Frequency	Efficiency()	E Total. dB(dB)
2.4	52%	1.5
2.44	48%	1.45
2.48	42%	1.19
5.2	36%	0.66
5.725	59%	1.6
5.8	64%	2.0
5.85	62%	1.8

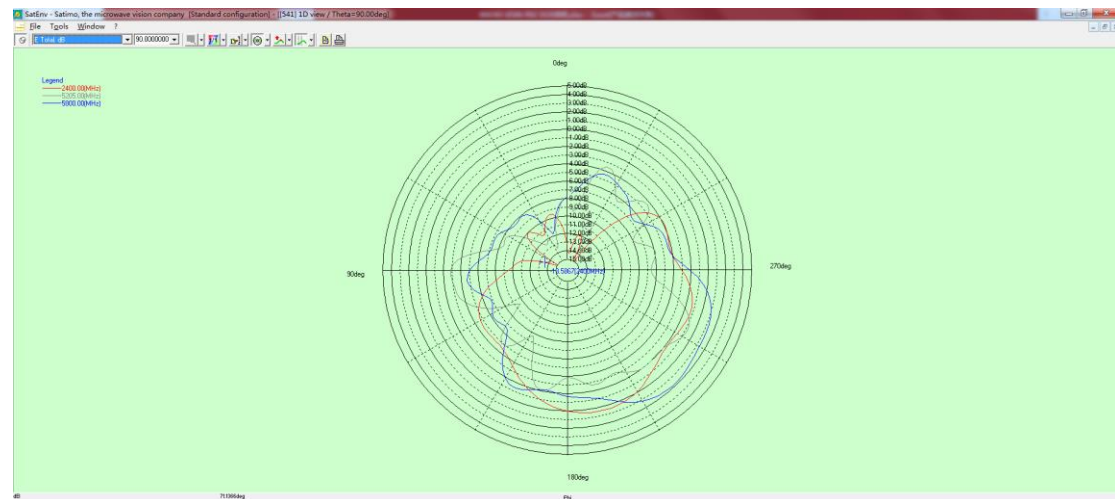
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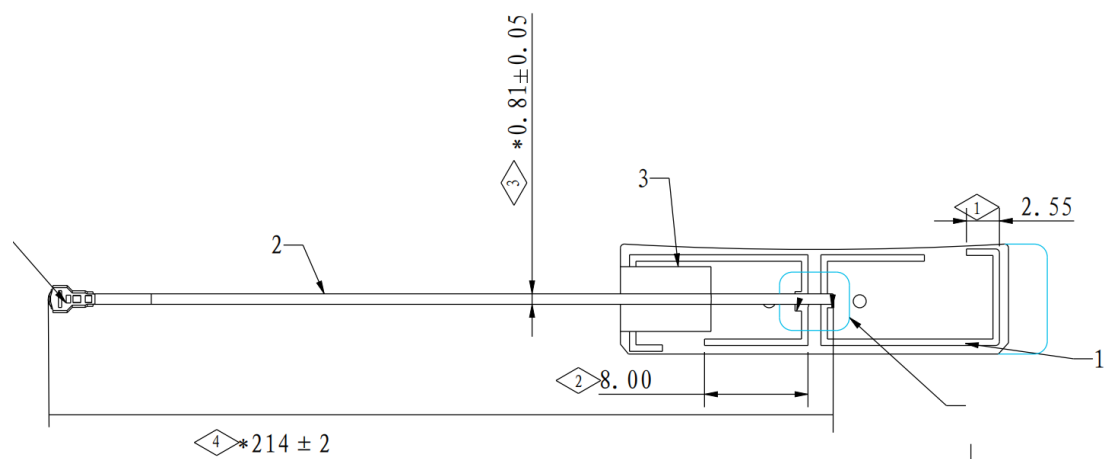
PHI=90 度



Theta=90 度



1.3 Structure drawing





WA141 UAV SDR RF ANT 2

1.1 Basic Specifications

No.	Specification	Descriptions	Notes
1	Antenna Name	WA141 UAV SDR RF ANT 2	
2	Brand	DJI	
3	Operation Frequency	2.4~2.483GHz; 5.15~5.25GHz; 5.725~5.85GHz	
4	Connector Type	4 代 IPEX	
5	Impedance	50ohm	
6	Gain	1.46 dBi@2.4~2.483GHz 0.49 dBi@5.15~5.25GHz 2.1 dBi@5.725~5.85GHz	
7	Efficiency	$\geq 40\%$	
8	VSWR	≤ 3	
9	Polarization type	Linear	
10	3dB Beamwidth	Omnidirectional horizontal	
11	Antenna Type	PIFA	
12	Manufacturer	Kunshan Innowave Communication Technology Co., Ltd.	

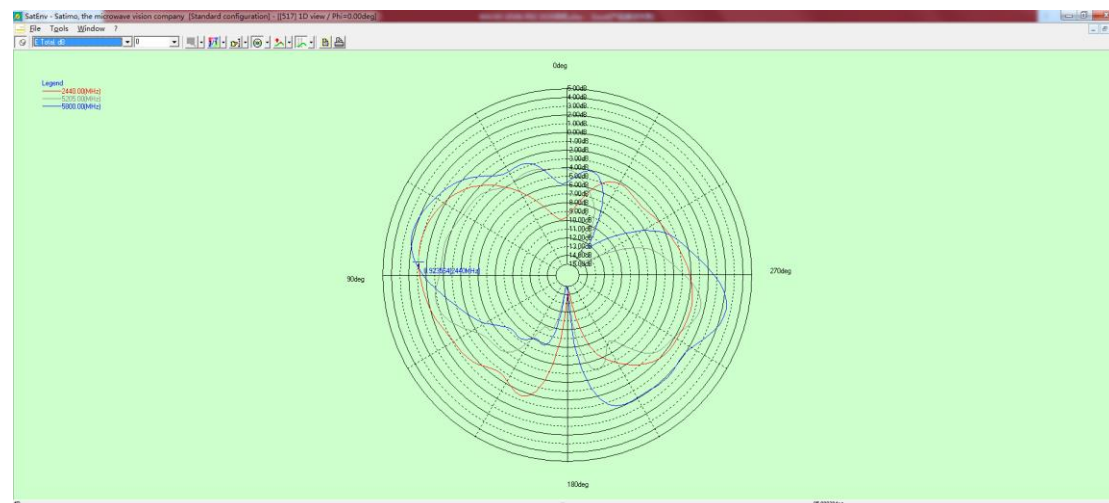


		Address: No. 1689, Zizhu Road, Yushan Town, Kunshan City, Jiangsu Province	
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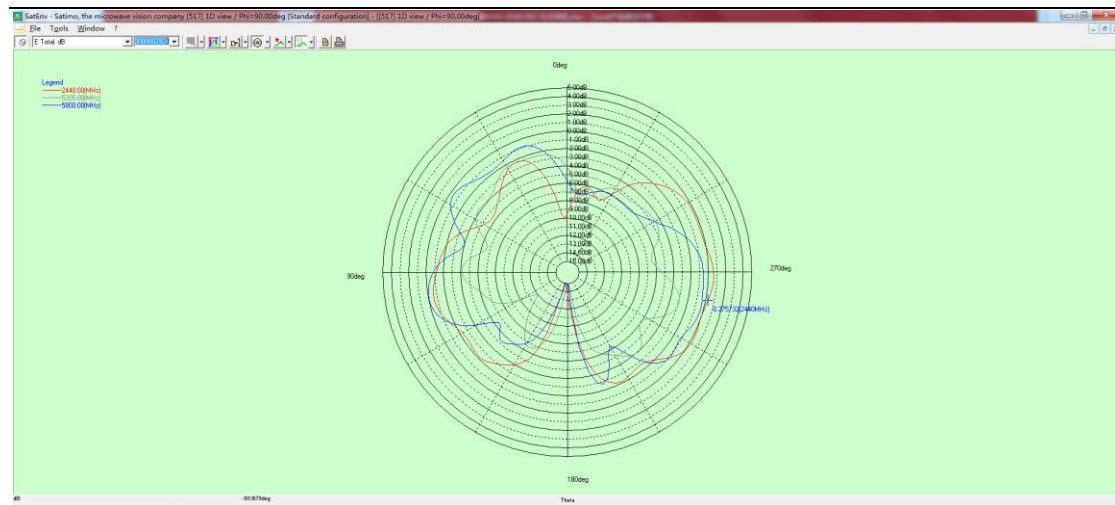
1.2 radiation pattern

Frequency	Efficiency()	E Total. dB(dB)
2.4	60%	0.9
2.44	65%	1.46
2.48	64%	0.93
5.2	37%	0.49
5.725	61%	1.95
5.8	65%	2.1
5.85	60%	1.85

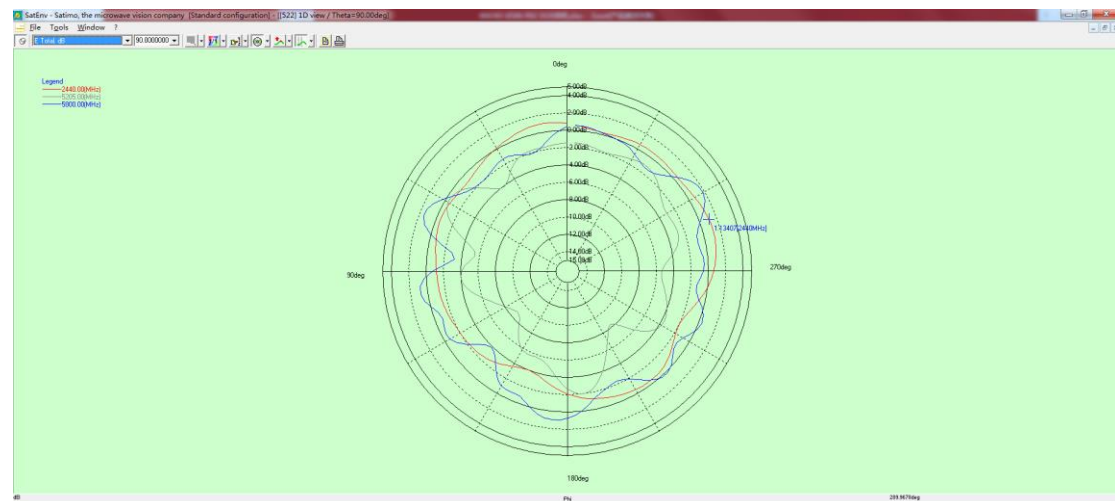
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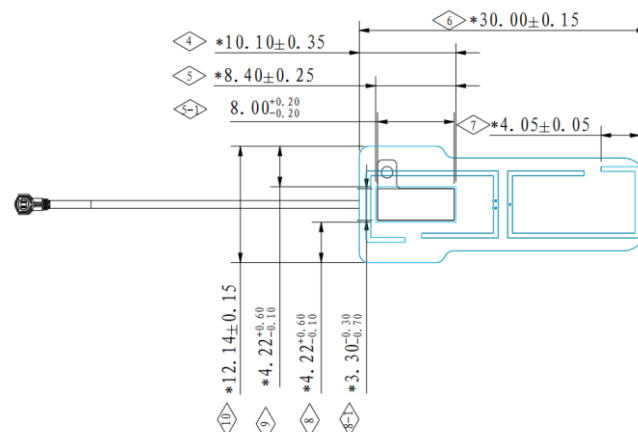
PHI=90 度



Theta=90 度



1.3 Structure drawing





2. WA141 UAV SDR/WIFI/BT LF ANT 3

1.1 Basic Specifications

No.	Specification	Descriptions	Notes
1	Antenna Name	WA141 UAV SDR/WIFI/BT LF ANT 3	
2	Brand	DJI	
3	Operation Frequency	2.4~2.483GHz; 5.15~5.25GHz; 5.725~5.85GHz	
4	Connector Type	4 代 IPEX	
5	Impedance	50ohm	
6	Gain	1.15 dBi@2.4~2.483GHz 0.09 dBi@5.15~5.25GHz 1.9 dBi@5.725~5.85GHz	
7	Efficiency	$\geq 40\%$	
8	VSWR	≤ 3	
9	Polarization type	Linear	
10	3dB Beamwidth	Omnidirectional horizontal	

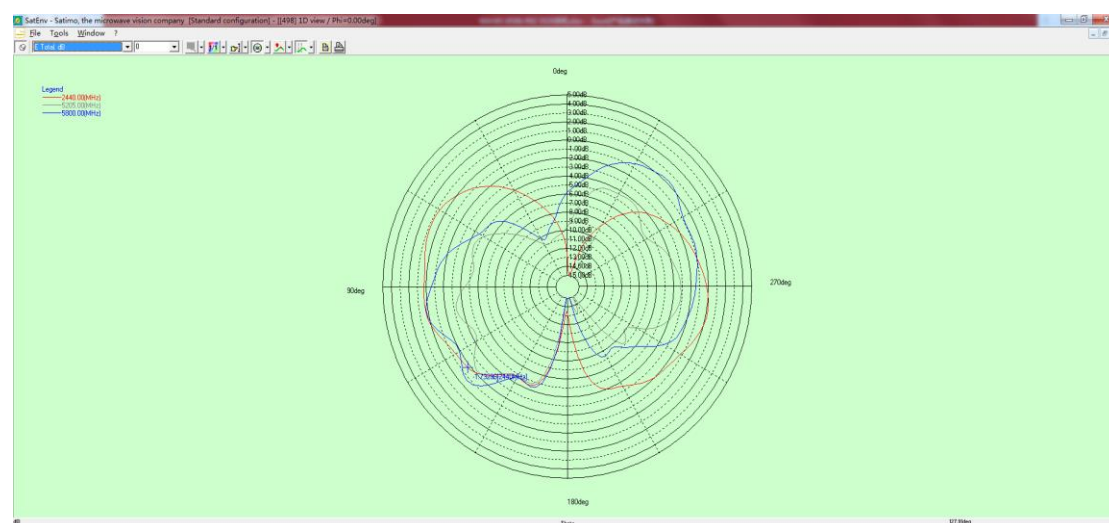


11	Antenna Type	PIFA	
12	Manufacturer	Kunshan Innowave Communication Technology Co., Ltd. Address: No. 1689, Zizhu Road, Yushan Town, Kunshan City, Jiangsu Province	

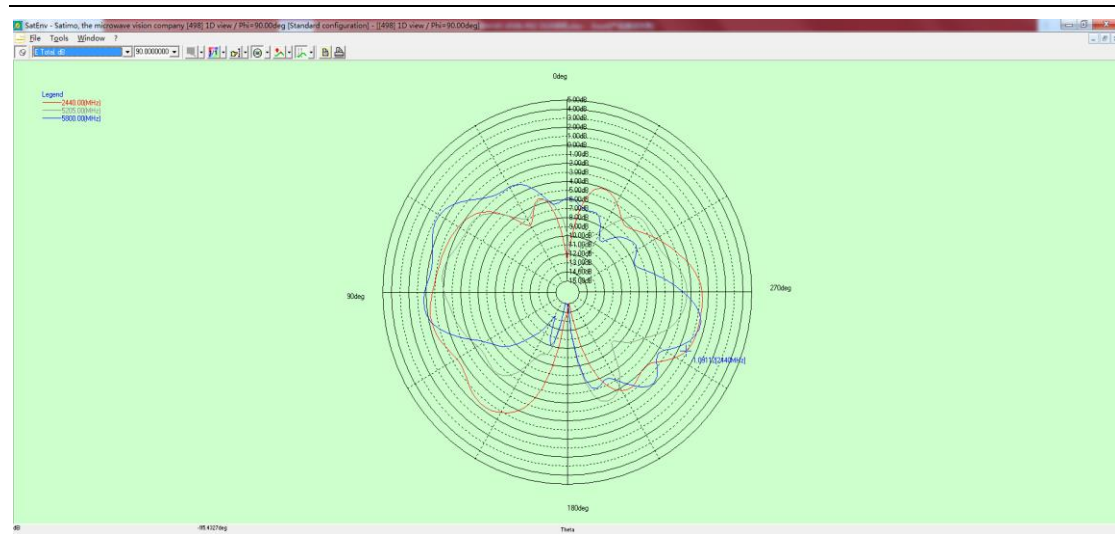
1.2 radiation pattern

Frequency	Efficiency()	E Total. dB(dB)
2.4	56%	1.0
2.44	65%	1.15
2.48	62%	1.1
5.2	36%	0.09
5.725	58%	1.9
5.8	60%	1.8
5.85	54%	1.2

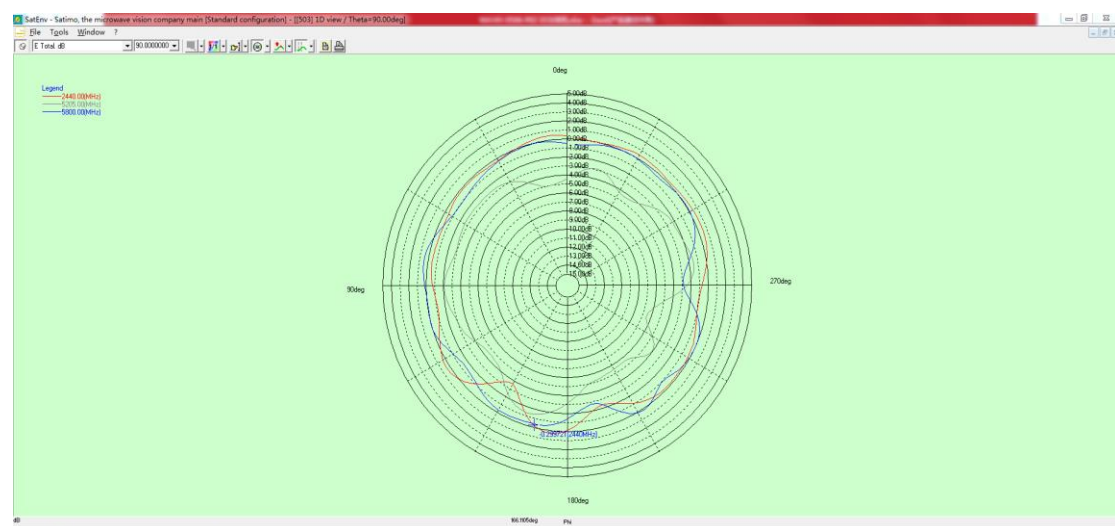
PHI=0 度



PHI=90 度



Theat=90 度



1.3 Structure drawing

