

1. RC701 WIFI ANT2

Model name: RC701 WIFI ANT2 LEFT

1.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	RC701 WIFI ANT2 LEFT		
2	Brand	DJI		
3	Operation Frequency	2.4~2.483GHz; 5.15~5.25GHz 5.725~5.85GHz		
4	Connector Type	IPEX-1		
5	Impedance	50ohm		
6	Gain	4.56 dBi @2.4~2.483GHz 3.34 dBi@5.15~5.25GHz 4.81 dBi@5.725~5.85GHz		
7	Efficiency	$\geq 45\%$		
8	VSWR	≤ 3.0		
9	Polarization type	Linear		
10	3dB <u>Beamwidth</u>	Omnidirectional horizontal		
11	Weight			

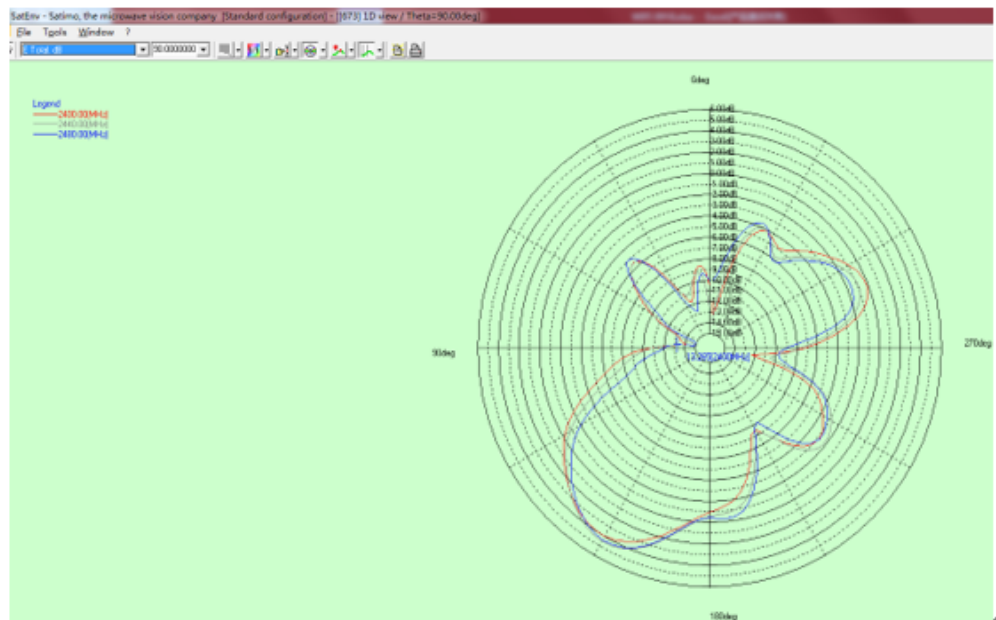
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1.2 radiation pattern

Frequency (MHz)	Efficiency	Gain(dBi)
2400	57%	4.22
2440	60%	4.56
2480	61%	4.35
5150	48%	2.82
5200	45%	2.89
5250	47%	3.34
5725	56%	4.01
5750	59%	4.53
5800	60%	4.63
5850	61%	4.81

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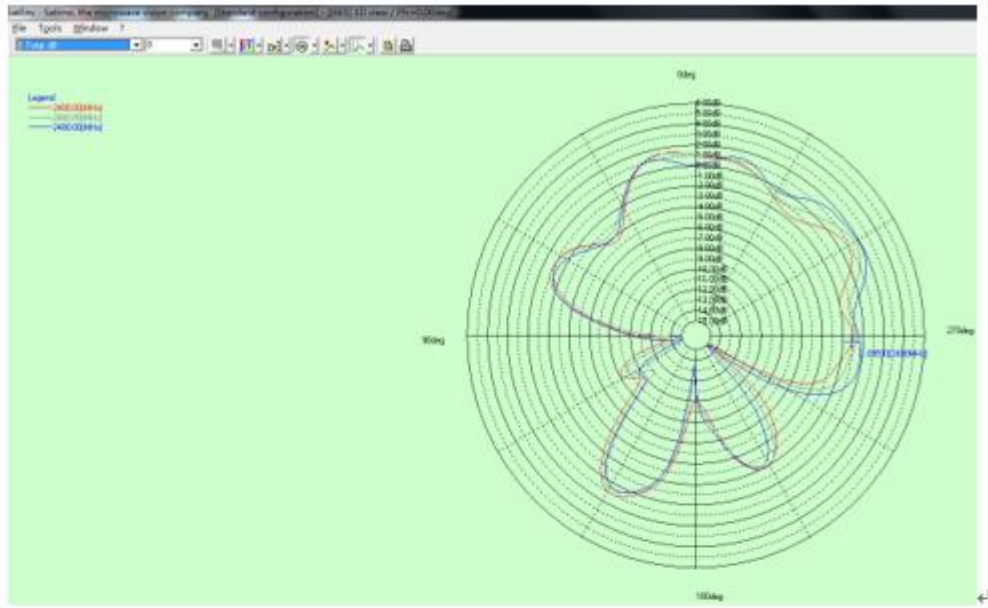
2.4G 水平面



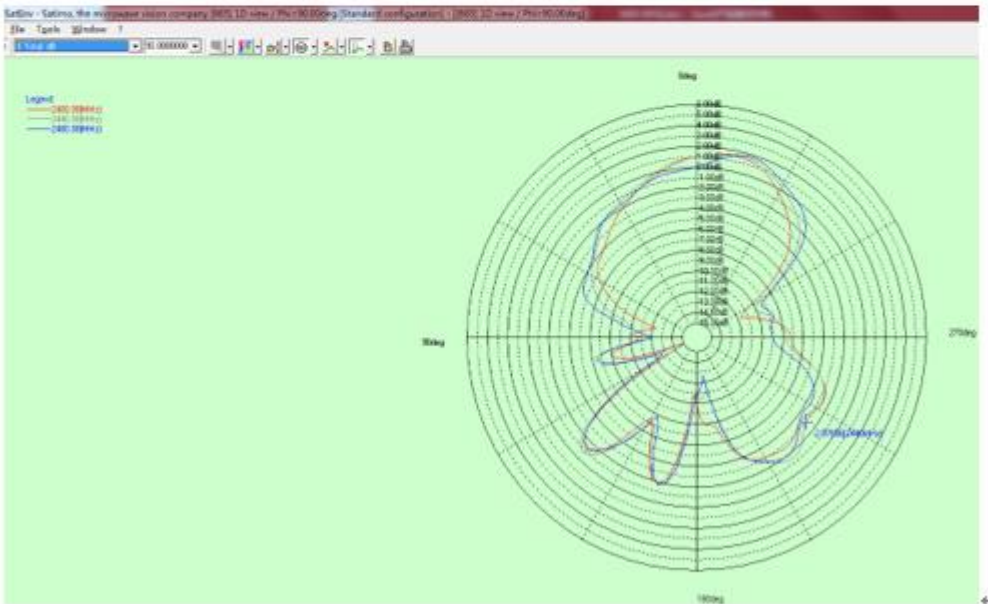
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2.4G 俯仰面

Phi=0

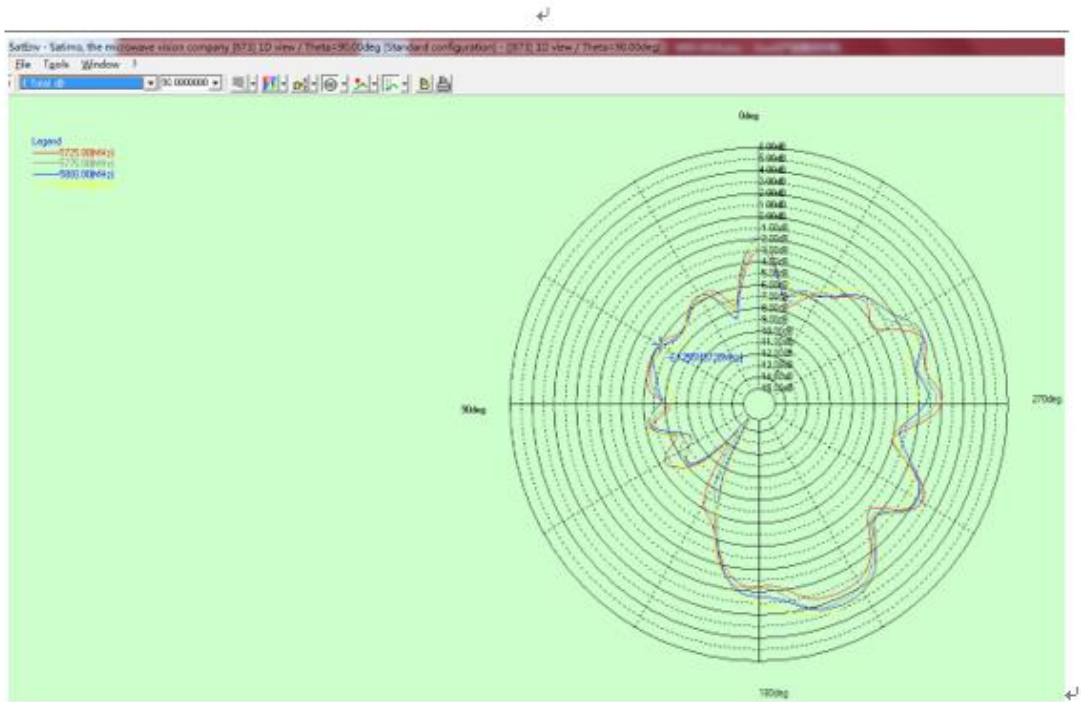


Phi=90°



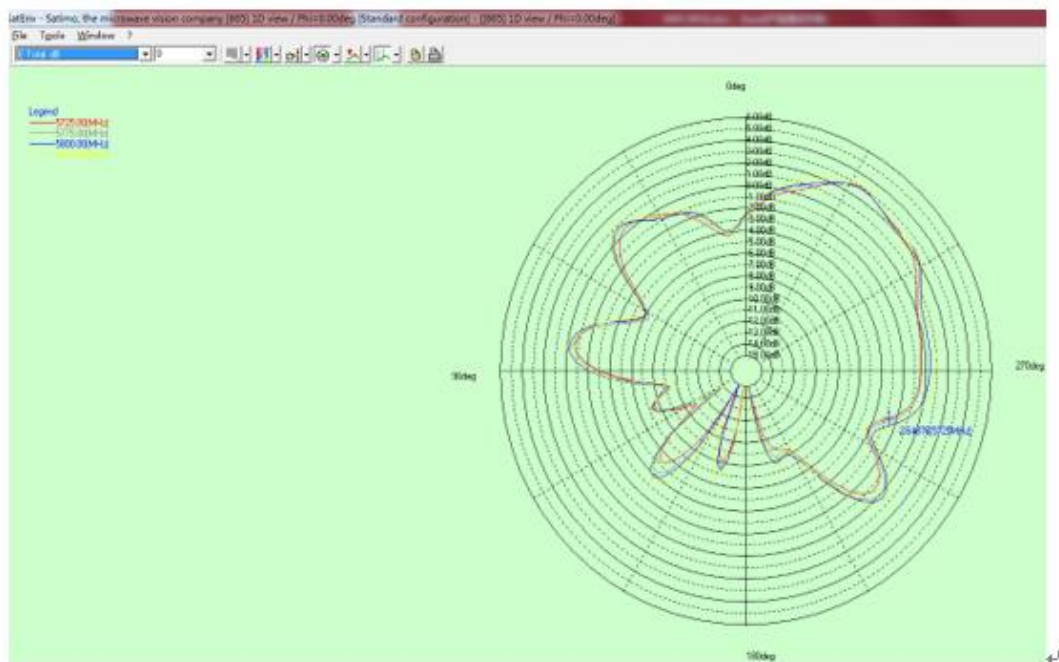
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5.8G 水平面↕

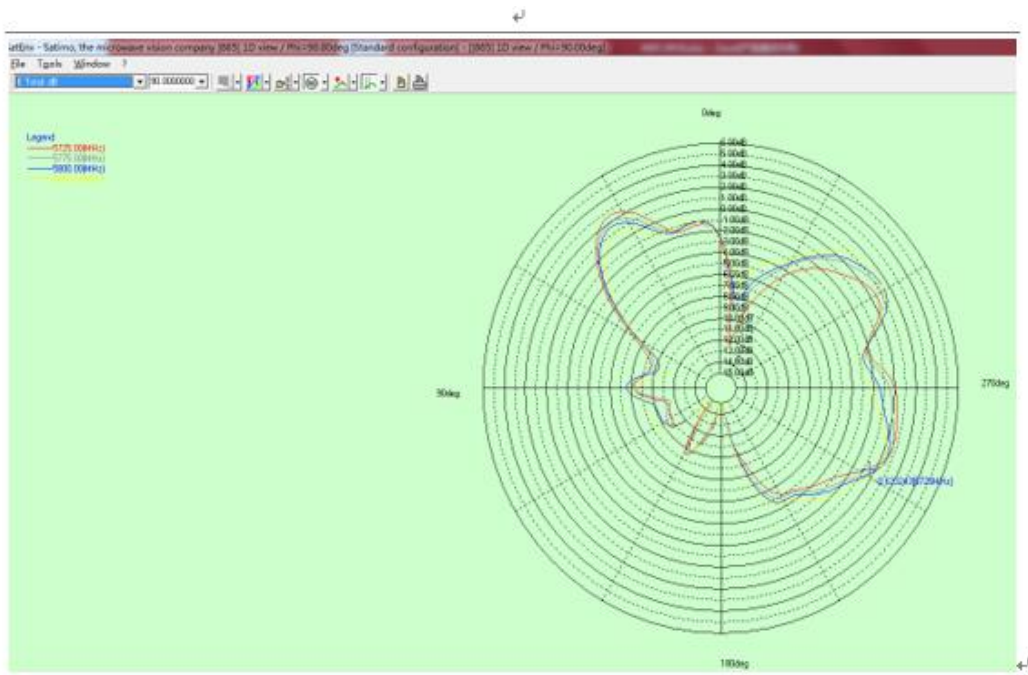


5.8G 俯仰面

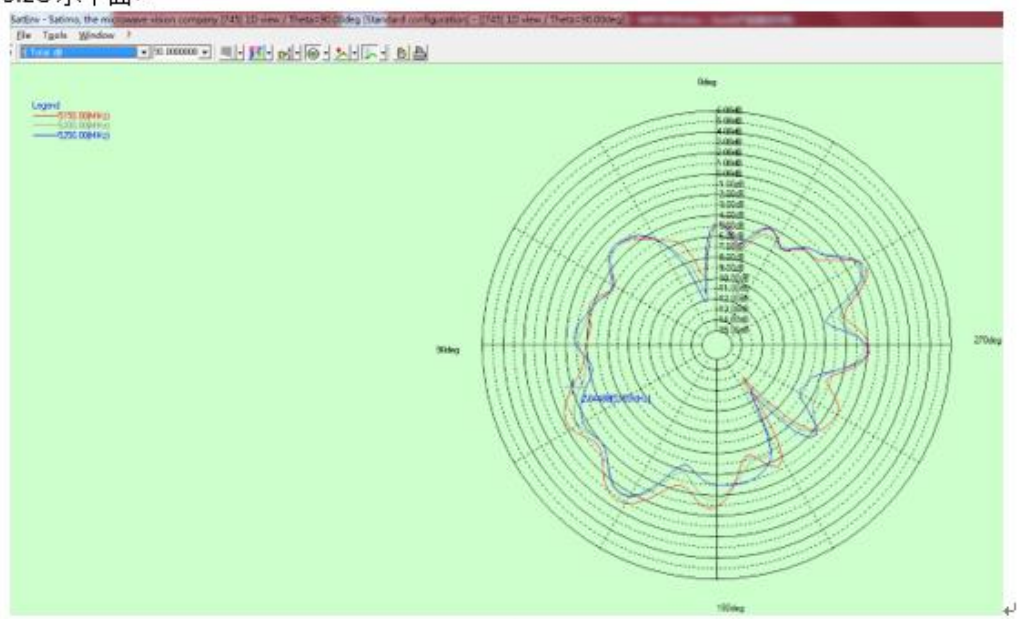
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Phi=90

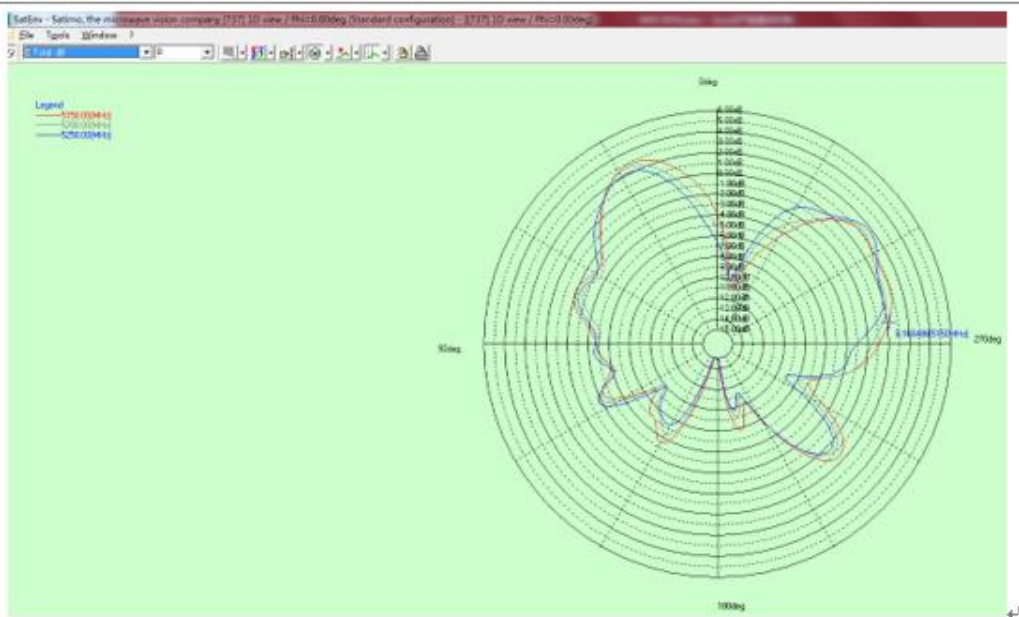


5.2G 水平面

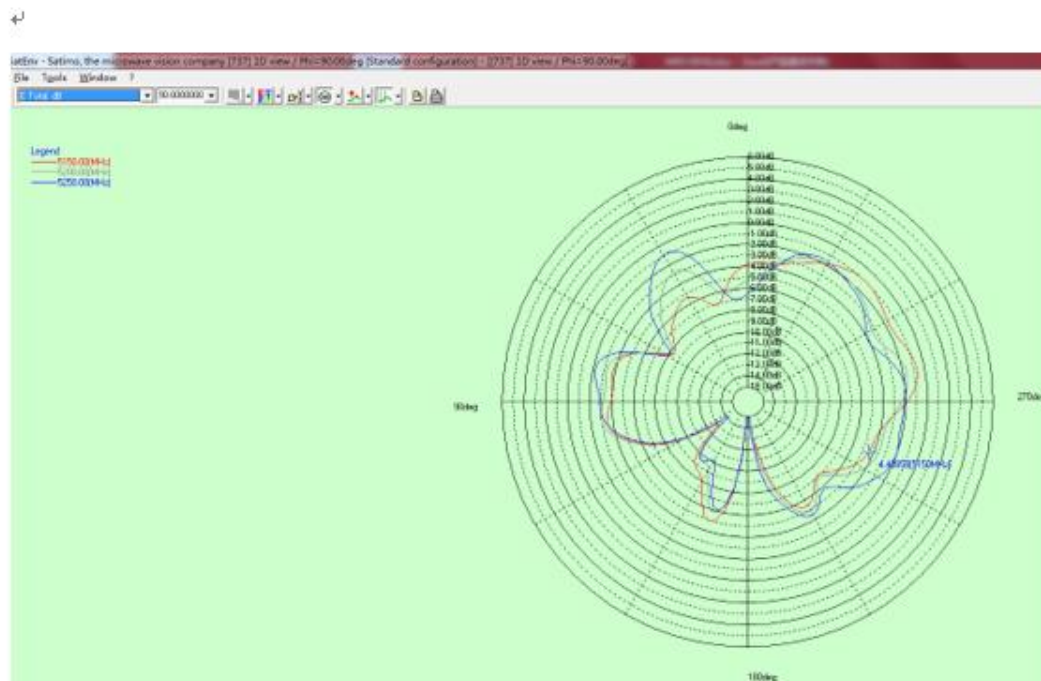


5.2G 俯仰面

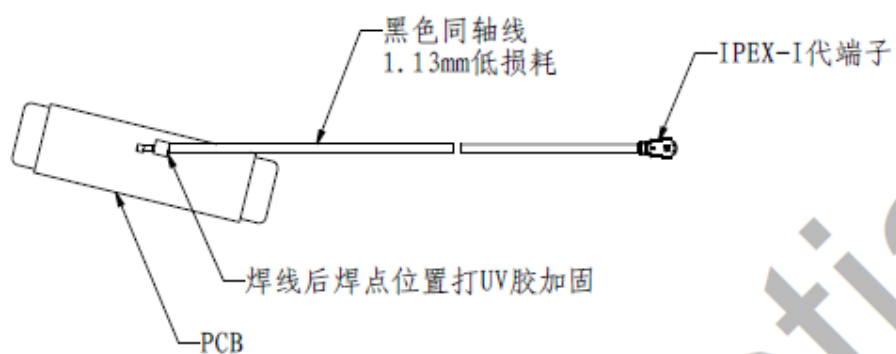
Phi=0



Phi=90°



• 1.3 Structure drawing



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1. RC701 WIFI ANT3

Model name: RC701 WIFI ANT3 LEFT

1.1 Basic Specifications

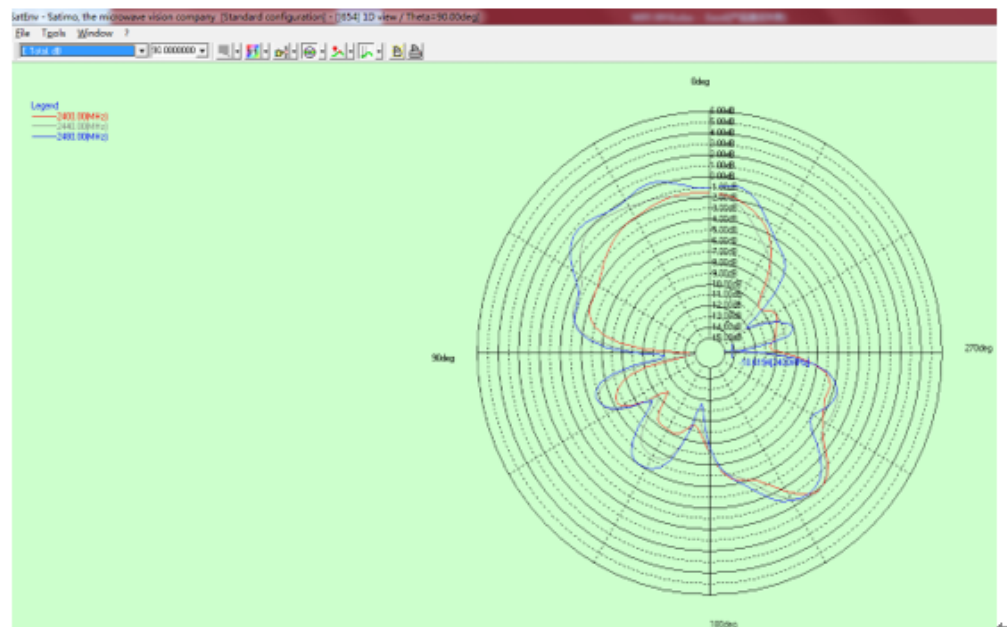
No.	Specification	Descriptions	Notes	
1	Antenna Name	RC70 WIFI ANT 3 RIGHT		
2	Brand	DJI		
3	Operation Frequency	2.4~2.483GHz; 5.15~5.25GHz 5.725~5.85GHz		
4	Connector Type	IPEX-1		
5	Impedance	50ohm		
6	Gain	2.30 dBi @2.4~2.483GHz 5.34 dBi@5.15~5.25GHz 5.72 dBi@5.725~5.85GHz		
7	Efficiency	≥45%		
8	VSWR	≤3.0		
9	Polarization type	Linear		
10	3dB <u>Beamwidth</u>	Omnidirectional horizontal		
11	Weight			

1.2 radiation pattern

Frequency (MHz)	Efficiency	Gain(dBi)
2400	46%	1.81
2440	51%	2.30
2480	53%	2.24
5150	56%	5.34
5200	51%	5.30
5250	52%	5.34
5725	58%	5.72
5750	56%	5.07
5800	55%	4.80
5850	53%	4.38

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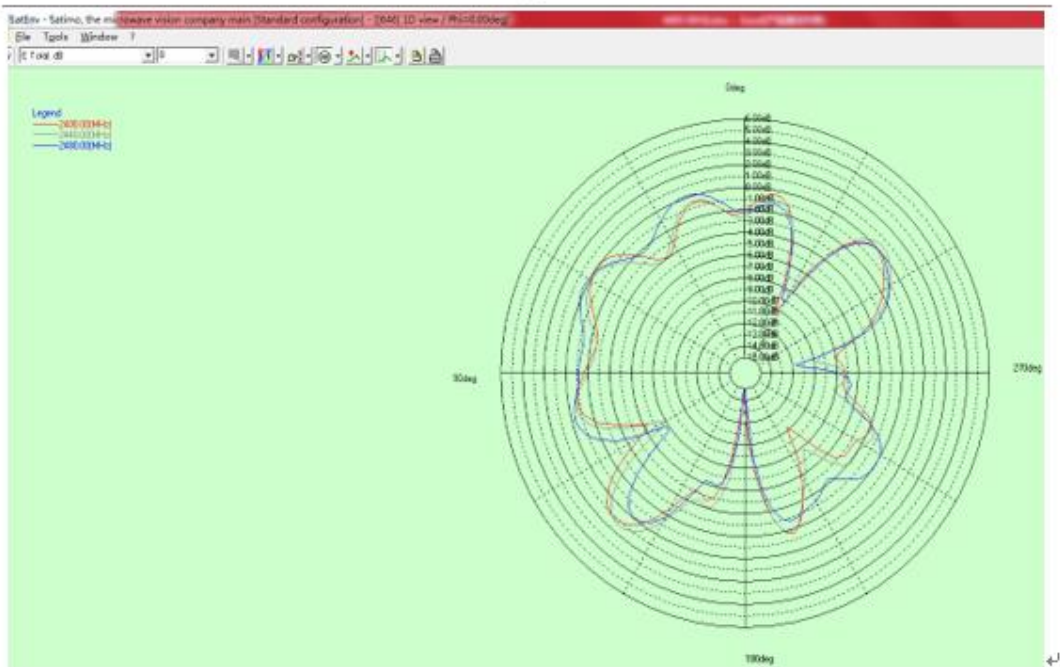
2.4G 水平面



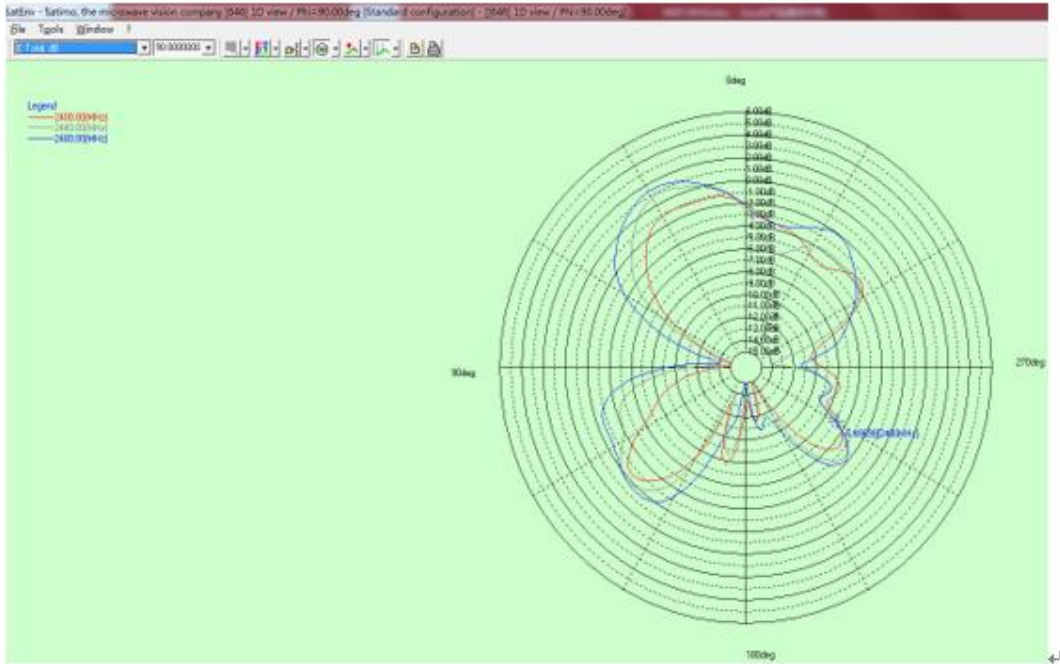
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2.4G 俯仰面

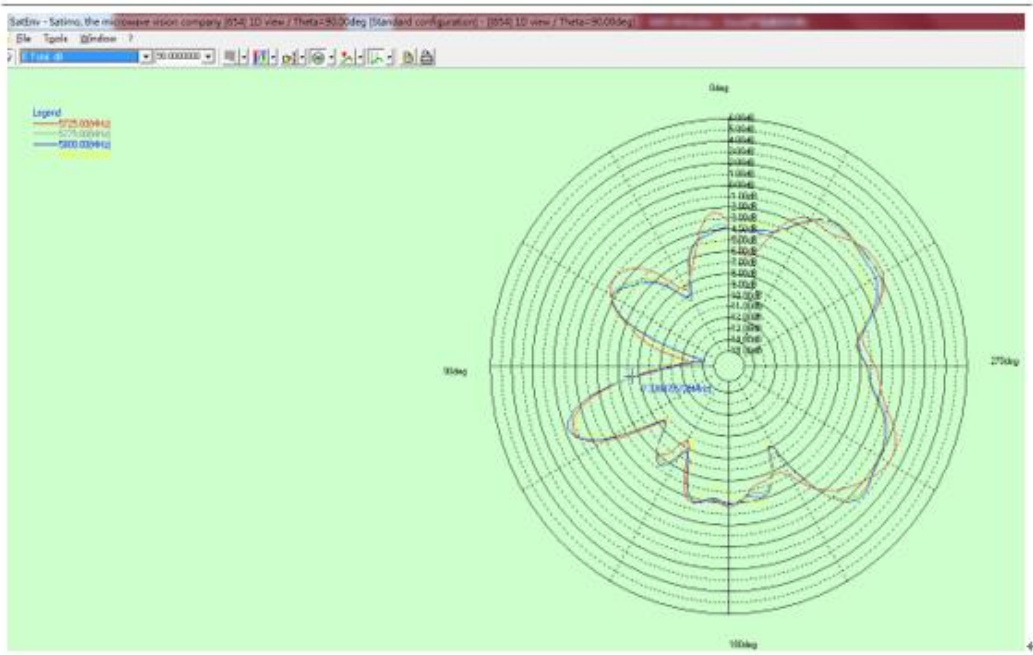
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Phi=90°

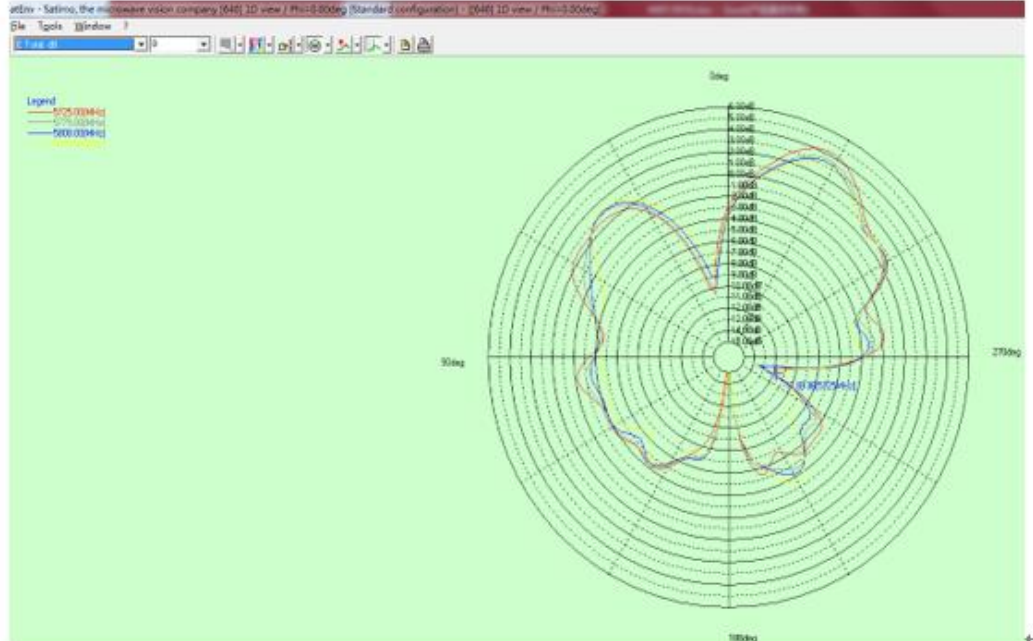


5.8G 水平面

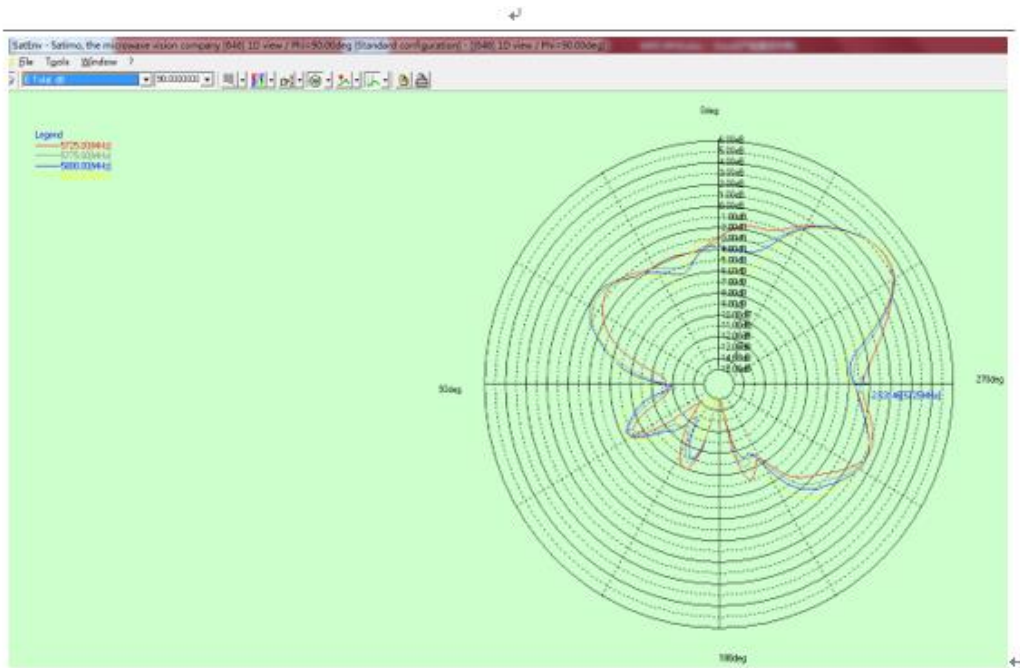


5.8G 俯仰面

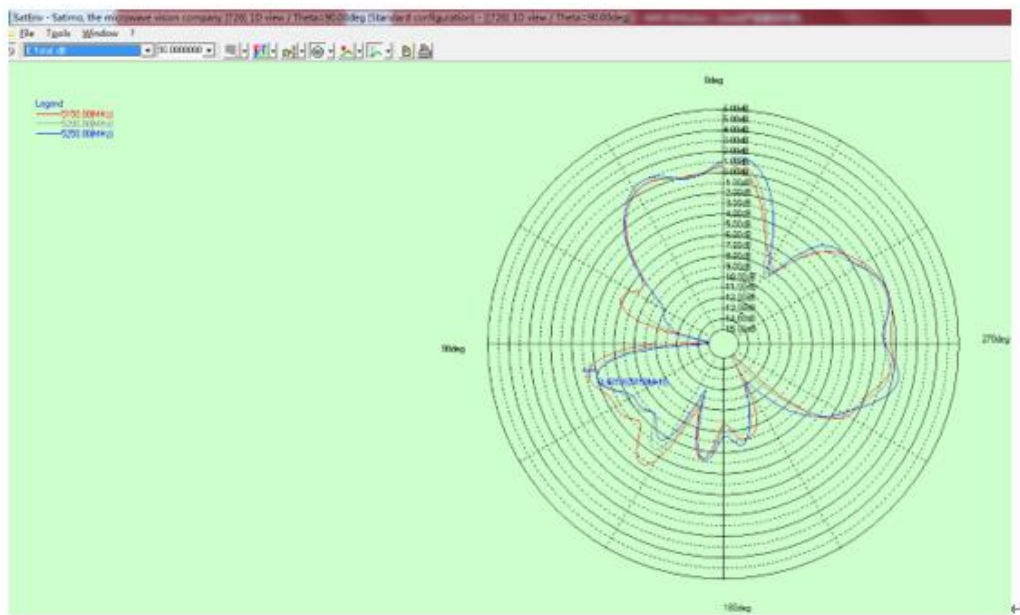
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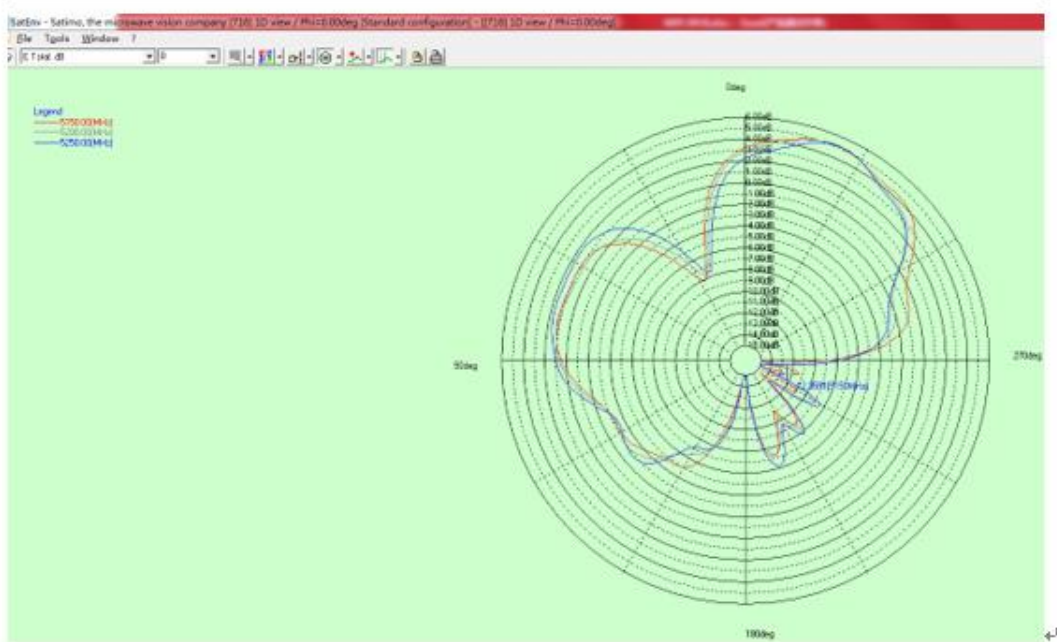
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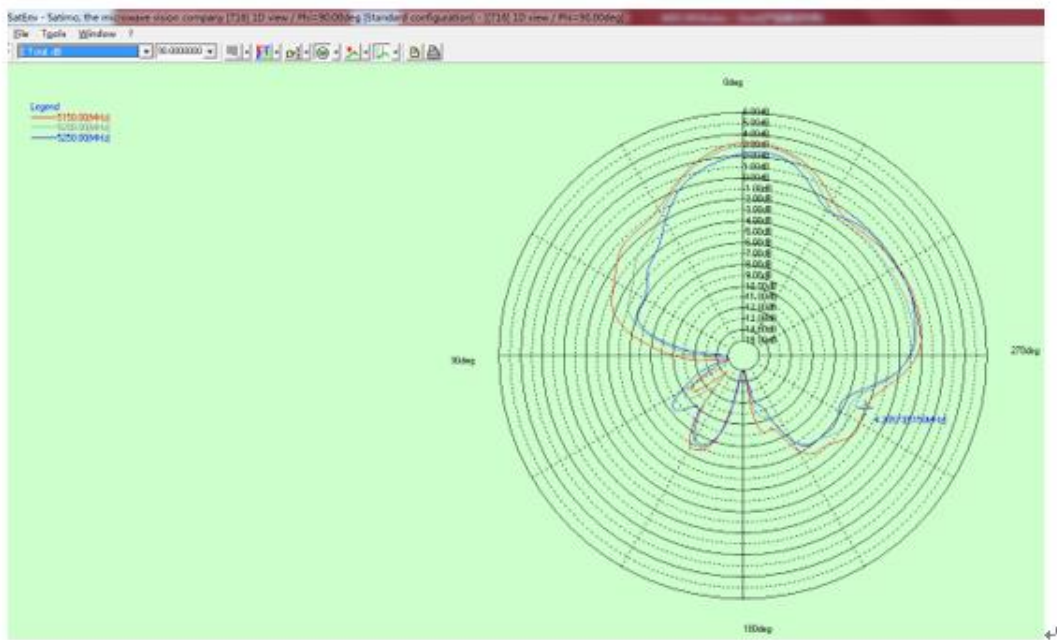
5.2G 水平面



5.2G 俯仰面
Phi=0

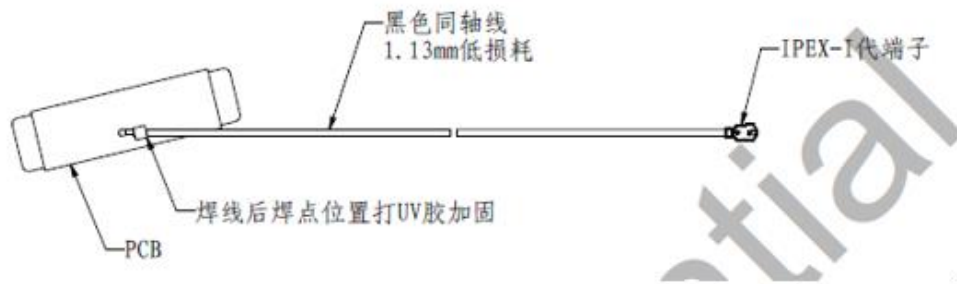


Phi=90°



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• 1.3 Structure drawing



Name of the antenna manufacturer INPAQ Technology Suzhou CO.Ltd

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Website of the antenna manufacturer www.inpaq.com