

1. RAPTOR UAV SDR RB ANT0

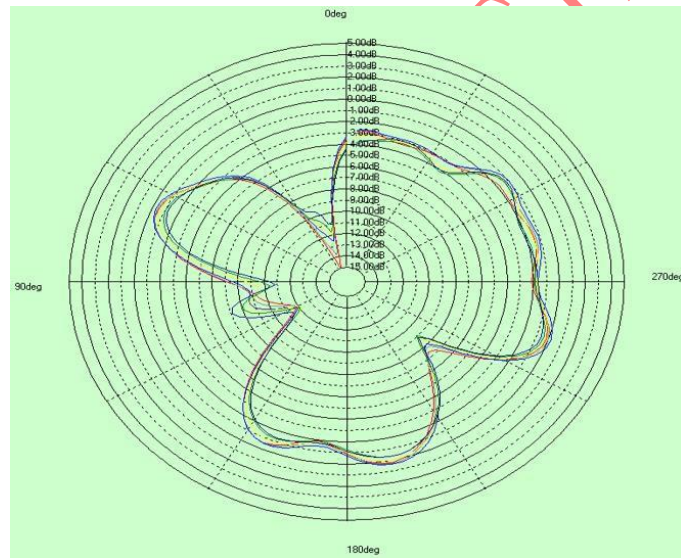
1.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	RAPTOR UAV SDR RB ANT0		
2	Brand	N/A		
3	Operation Frequency	2.4~2.483GHz; 5.15~5.25GHz; 5.725~5.85GHz		
4	Connector Type	1代 IPEX		
5	Impedance	50ohm		
6	Gain	1.5 dBi@2.4~2.483GHz 1 dBi@5.15~5.25GHz; 3 dBi@5.725~5.85GHz		
7	Efficiency	$\geq 50\%$		
8	VSWR	≤ 2.5		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional Vertical		
11	Weight			

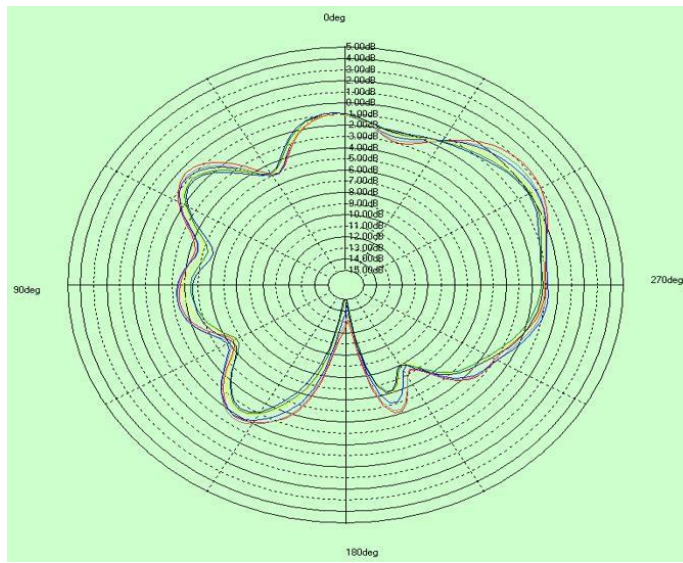
1.2 radiation pattern

Frequency	Efficiency()	E Total. dB(dB)
2400MHz	51%	1.43649
2420MHz	52%	1.466
2440MHz	53%	1.48475
2460MHz	53%	1.4676
2480MHz	51%	1.37426
5150MHz	42%	0.95423
5200MHz	42%	0.98421
5250MHz	42%	1.02146
5725MHz	52%	2.81937
5775MHz	52%	2.92576
5800MHz	52%	2.85842
5850MHz	50%	2.73477

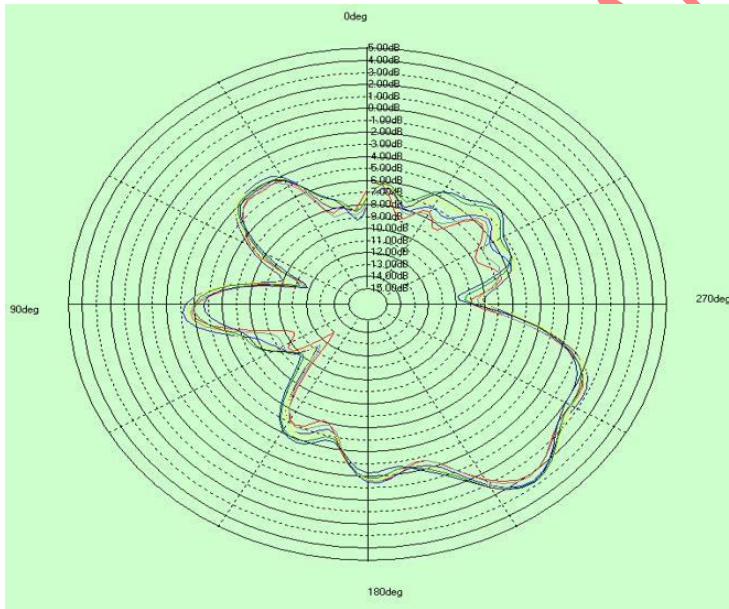
2.4G 水平面



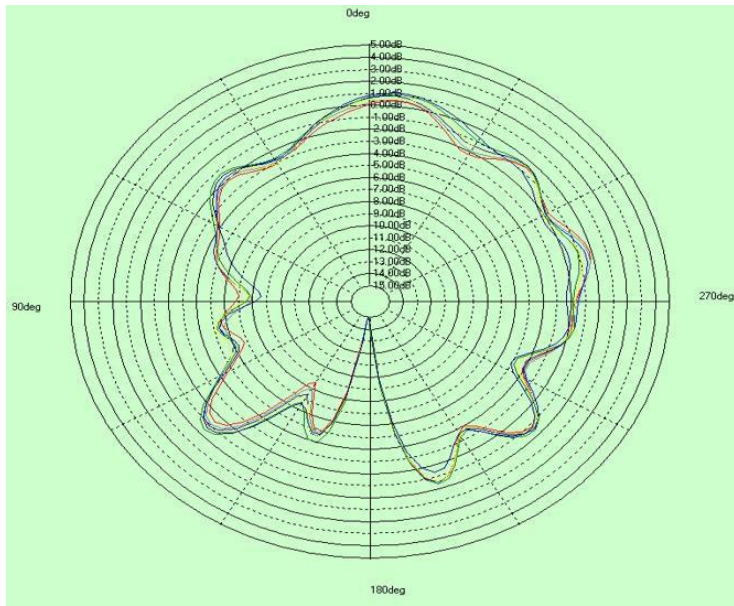
2.4G 俯仰面



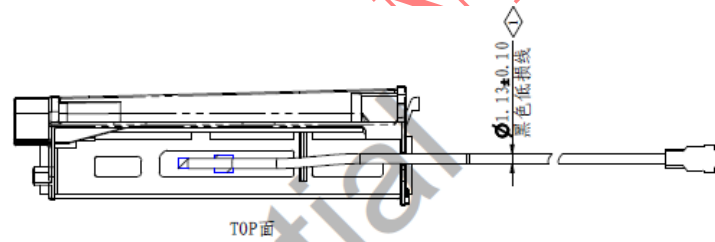
5.1G/5.8G 水平面



5.1G/5.8G 俯仰面



2.3 Structure drawing



2. RAPTOR UAV SDR LF ANT1

2.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	RAPTOR UAV SDR LF ANT1		
2	Brand	N/A		
3	Operation	2.4~2.483GHz; 5.15~5.25GHz;		

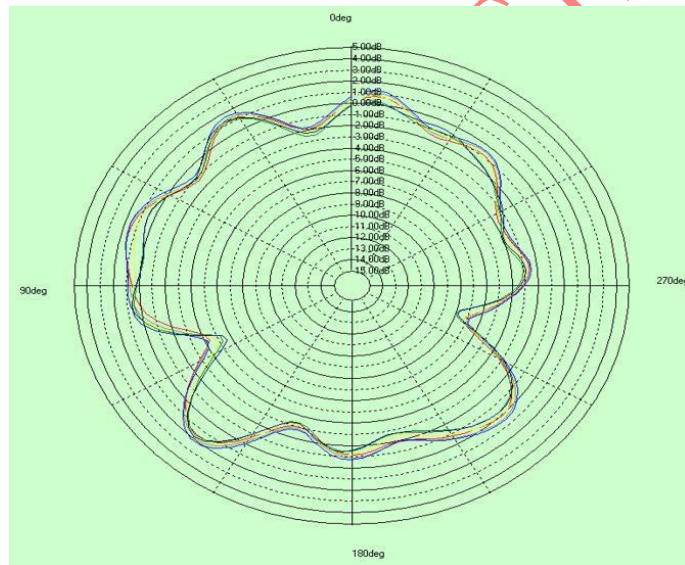
	Frequency	5.725~5.85GHz		
4	Connector Type	1代 IPEX		
5	Impedance	50ohm		
6	Gain	2 dBi@2.4~2.483GHz 1.0dBi@5.15~5.25GHz; 2.5 dBi@5.725~5.85GHz		
7	Efficiency	$\geq 50\%$		
8	VSWR	≤ 2.5		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional horizontal		
11	Weight			

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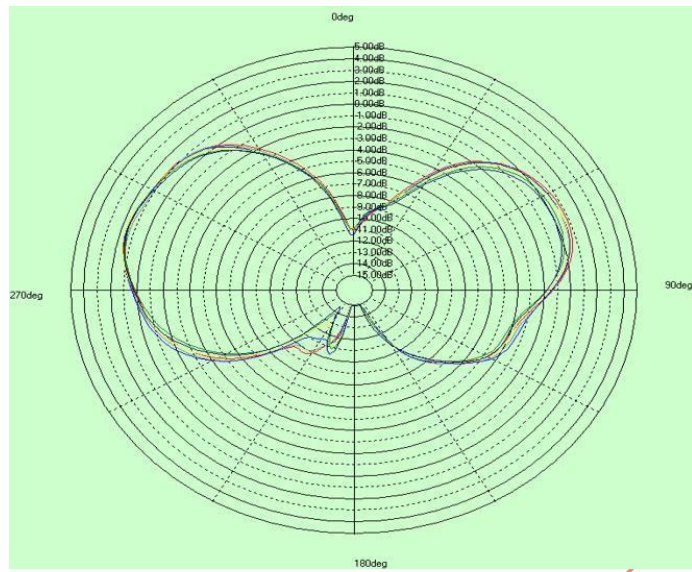
2.2 radiation pattern

Frequency	Efficiency()	E Total. dB(dB)
2400MHz	61%	1.78888
2420MHz	62%	1.78554
2440MHz	63%	1.93675
2460MHz	61%	1.63152
2480MHz	59%	1.59199
5150MHz	42%	1.07821
5200MHz	42%	1.14368
5250MHz	42%	1.20145
5725MHz	54%	2.35058
5775MHz	55%	2.40539
5800MHz	56%	2.47963
5850MHz	54%	2.41271

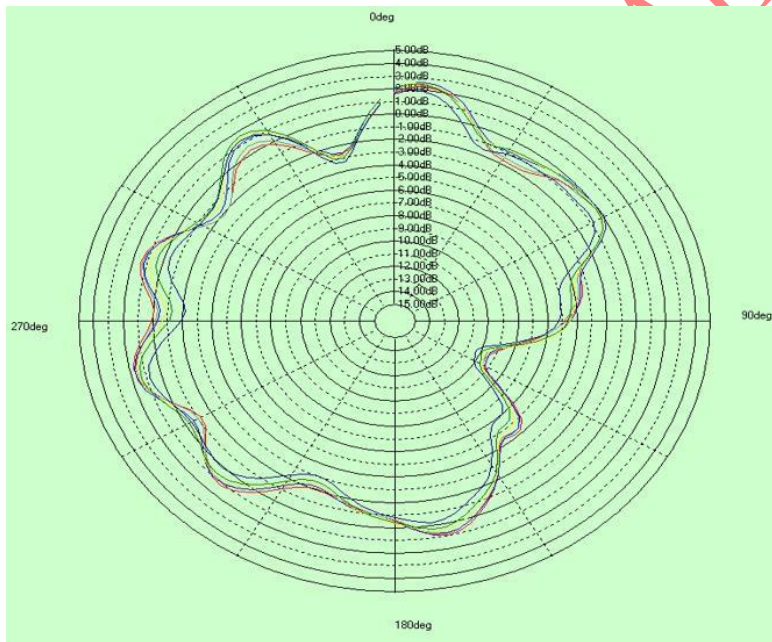
2.4G 水平面



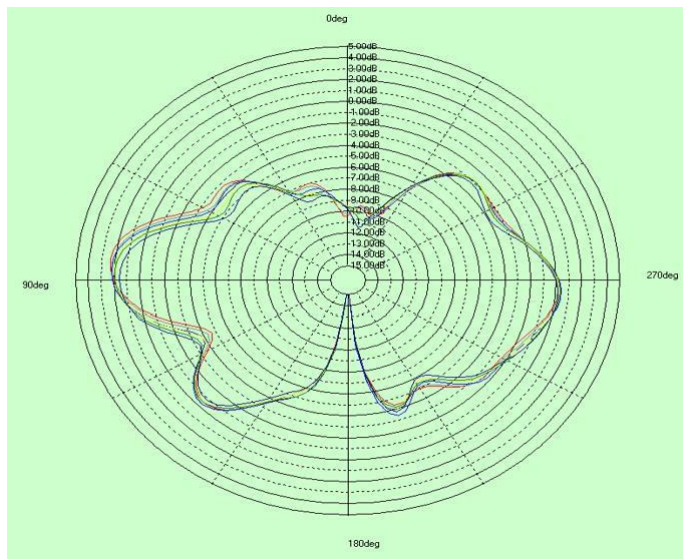
2.4G 俯仰面



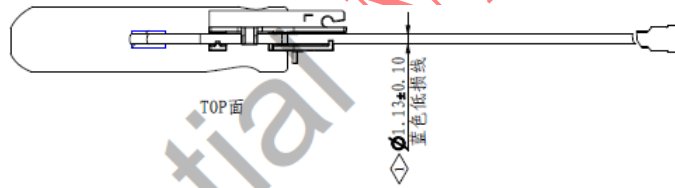
5.1G/5.8G 水平面



5.1G/5.8G 俯仰面



2.3 Structure drawing



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3. RAPTOR UAV SDR RF ANT2

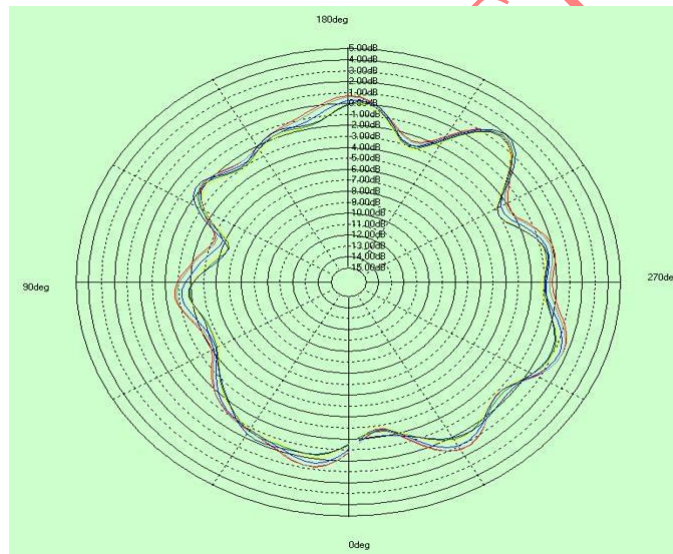
3.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	RAPTOR UAV SDR RF ANT2		
2	Brand	N/A		
3	Operation Frequency	2.4~2.483GHz; 5.15~5.25GHz; 5.725~5.85GHz		
4	Connector Type	1代 IPEX		
5	Impedance	50ohm		
6	Gain	2 dBi@2.4~2.483GHz 3.0dBi@5.15~5.25GHz; 2.5 dBi@5.725~5.85GHz		
7	Efficiency	$\geq 50\%$		
8	VSWR	≤ 2.5		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional horizontal		
11	Weight			

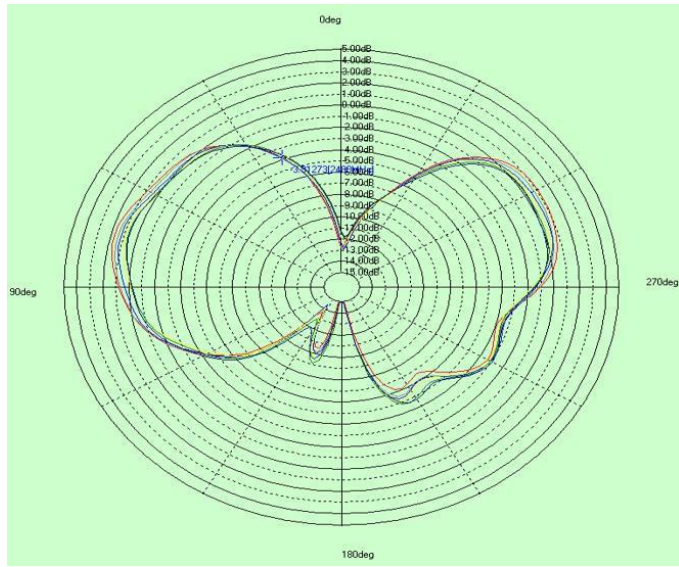
3.2 radiation pattern

Frequency	Efficiency()	E Total. dB(dB)
2400MHz	59%	1.64122
2420MHz	60%	1.87162
2440MHz	61%	1.84796
2460MHz	62%	1.99157
2480MHz	61%	1.70693
5150MHz	42%	2.64217
5200MHz	42%	2.61375
5250MHz	42%	2.71246
5725MHz	54%	2.48951
5775MHz	53%	2.40645
5800MHz	52%	2.34776
5850MHz	53%	2.39765

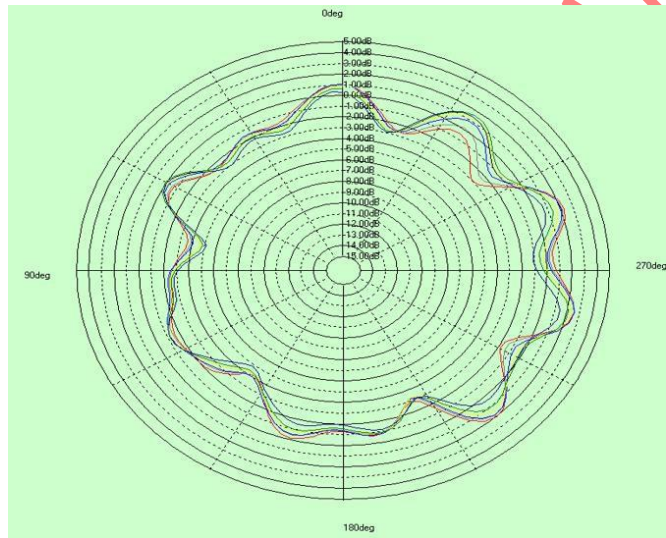
2.4G 水平面



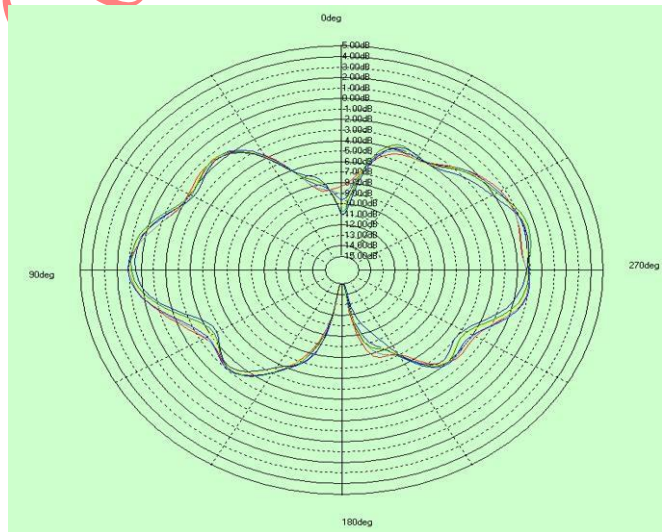
2.4G 俯仰面



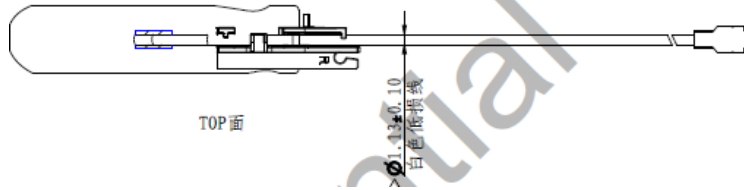
5.1G/5.8G 水平面



5.1G/5.8G 俯仰面



3.3 Structure drawing



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4. RAPTOR UAV SDR LB ANT3

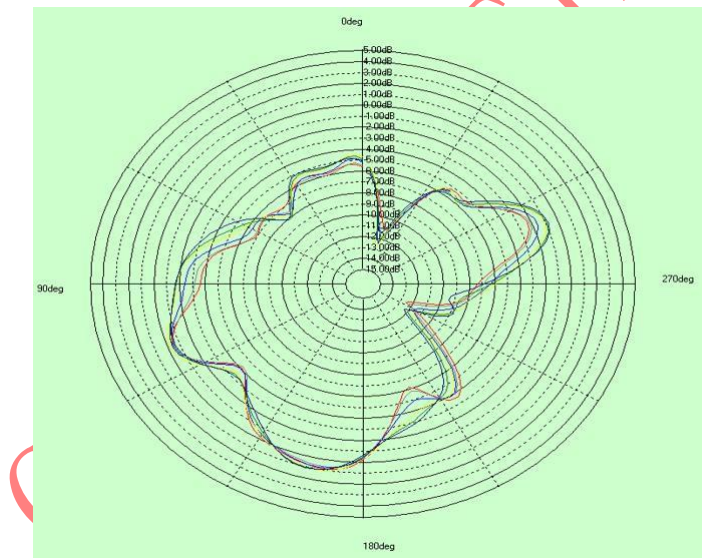
4.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	RAPTOR UAV SDR LB ANT3		
2	Brand	N/A		
3	Operation Frequency	2.4~2.483GHz; 5.15~5.25GHz; 5.725~5.85GHz		
4	Connector Type	1代 IPEX		
5	Impedance	50ohm		
6	Gain	1.5 dBi@2.4~2.483GHz 3 dBi@5.15~5.25GHz; 3 dBi@5.725~5.85GHz		
7	Efficiency	$\geq 50\%$		
8	VSWR	≤ 2.5		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional Vertical		
11	Weight			

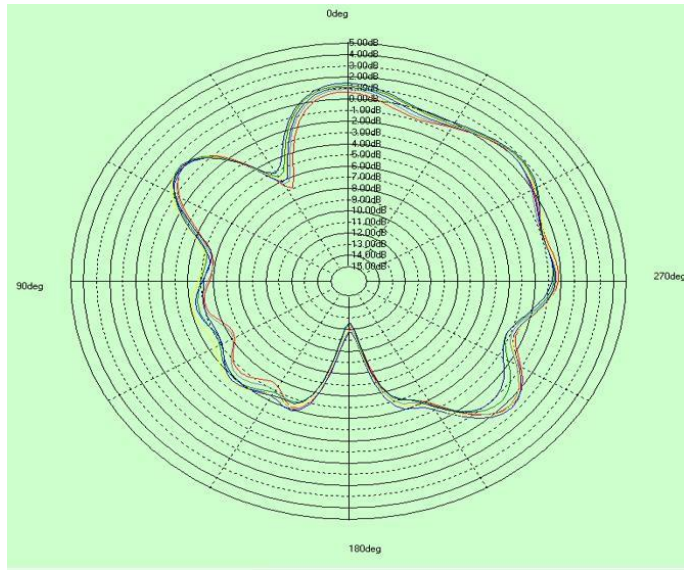
4.2 radiation pattern

Frequency	Efficiency()	E Total. dB(dB)
2400MHz	53%	1.42422
2420MHz	54%	1.45707
2440MHz	55%	1.49203
2460MHz	52%	1.44166
2480MHz	51%	1.39642
5150MHz	52%	2.75162
5200MHz	52%	2.77423
5250MHz	52%	2.75613
5725MHz	50%	2.65794
5775MHz	53%	2.92507
5800MHz	52%	2.71814
5850MHz	50%	2.67981

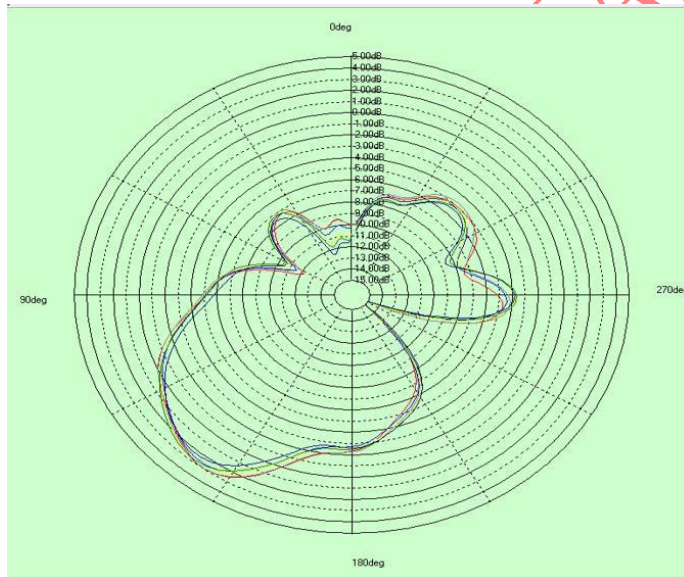
2.4G 水平面



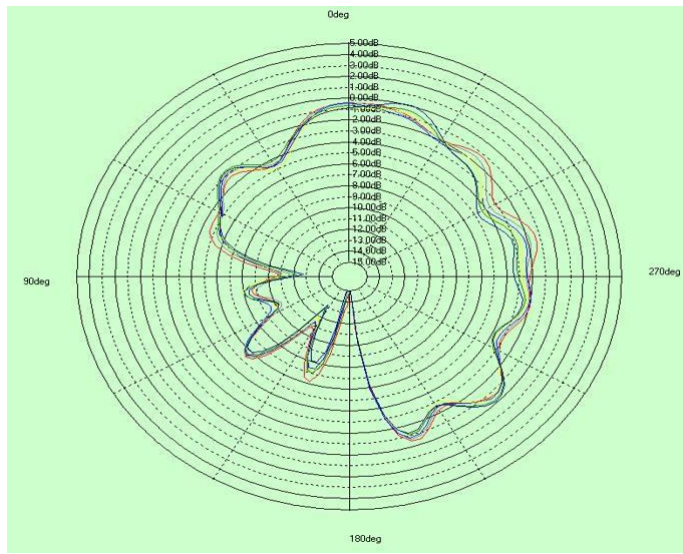
2.4G 俯仰面



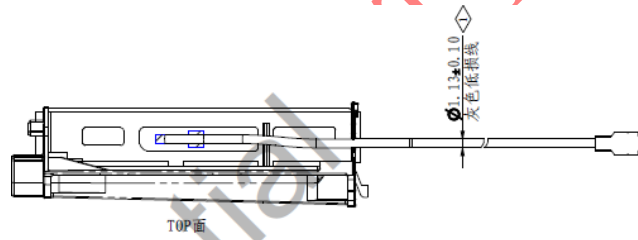
5.1G/5.8G 水平面



5.1G/5.8G 俯仰面



3.3 Structure drawing



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