

1. UAV SDR LF ANT1

1.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	UAV SDR LF ANT1		
2	Brand	Spatial Hover		
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 1.0 dBi@5.15~5.25GHz 2.5 dBi@5.725~5.85GHz		
7	Efficiency	$\geq 40\%$		
8	VSWR	≤ 2.5		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional horizontal		
11	Weight			

Manufacture name: Kunshan Innnowave Communication

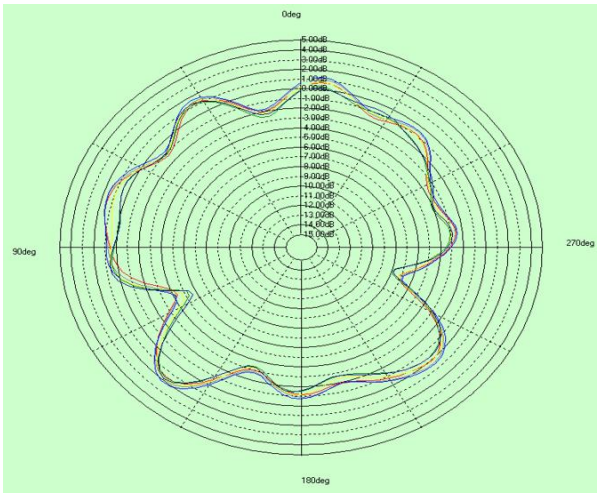
Technology Co., Ltd.

Address: No. 55, Shengchuang Road, Yushan Town, Kunshan City, Jiangsu Province, China

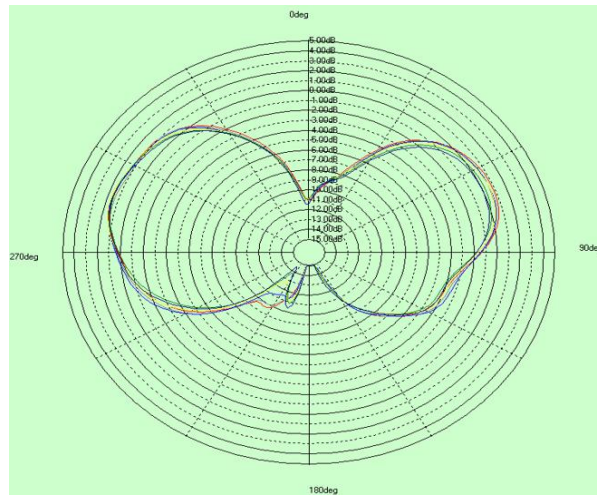
1.2 radiation pattern

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%	0.95423
5200MHz	42%	0.98421
5250MHz	42%	1.02146
5725MHz	54%	2.35058
5775MHz	55%	2.40539
5800MHz	56%	2.47963
5850MHz	54%	2.41271

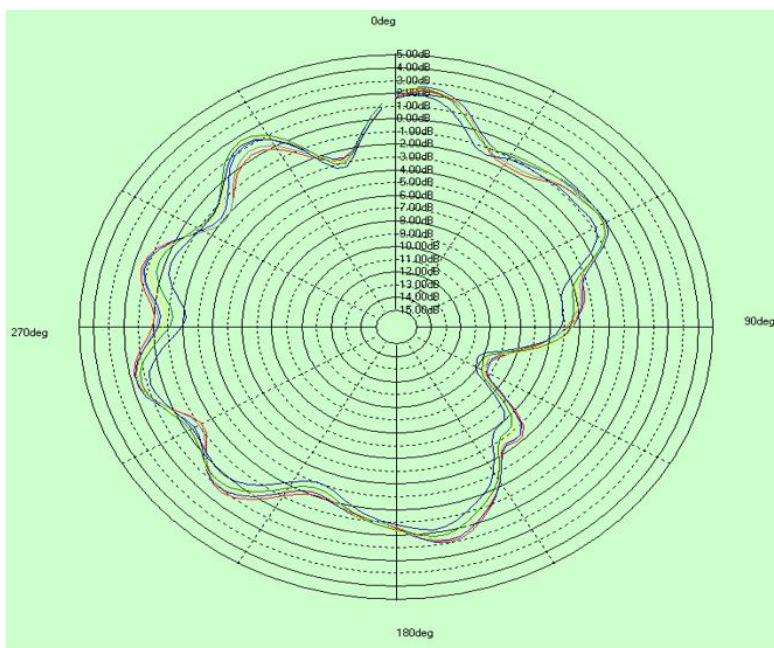
2.4 水平面



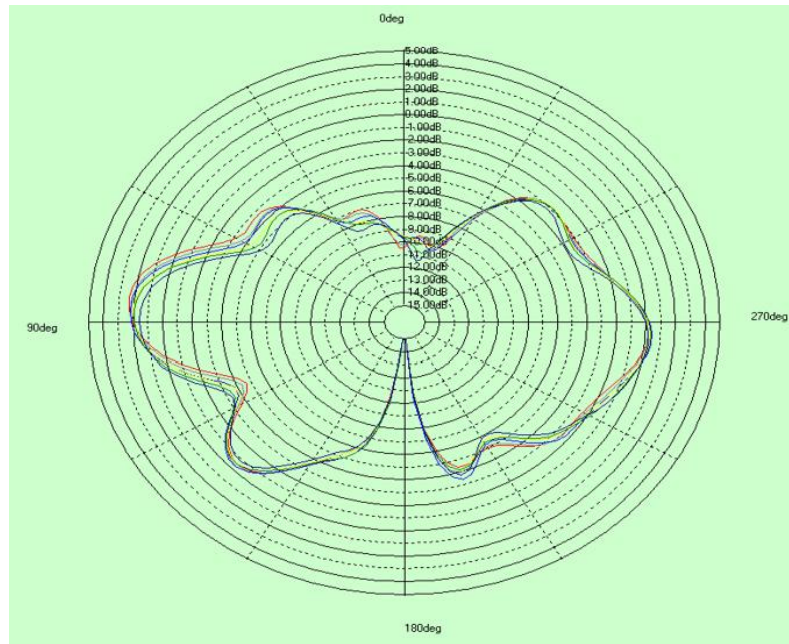
2.4 俯仰面



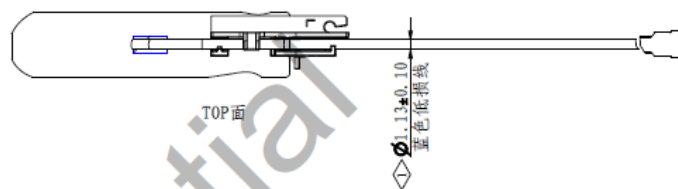
5.2/5.8 水平面



5.2/5.8 俯仰面



1.3 Structure drawing



2. UAV SDR RF ANT2

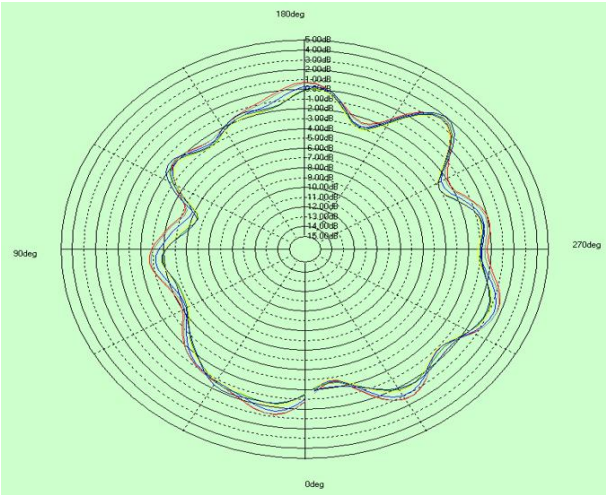
2.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	UAV SDR RF ANT2		
2	Brand	Spatial Hover		
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 1.0 dBi@5.15~5.25GHz 2.5 dBi@5.725~5.85GHz		
7	Efficiency	≥40%		
8	VSWR	≤2.5		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional horizontal		
11	Weight			

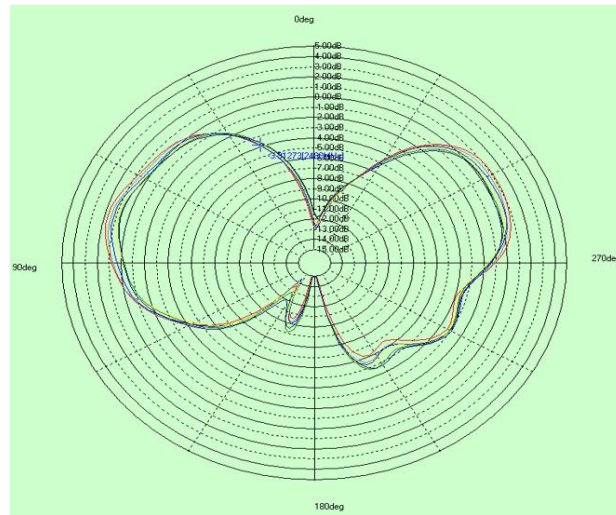
2.2 radiation pattern

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%	1. 07821
5200MHz	42%	1. 14368
5250MHz	42%	1. 20145
5725MHz	54%	2. 48951
5775MHz	53%	2. 40645
5800MHz	52%	2. 34776
5850MHz	53%	2. 39765

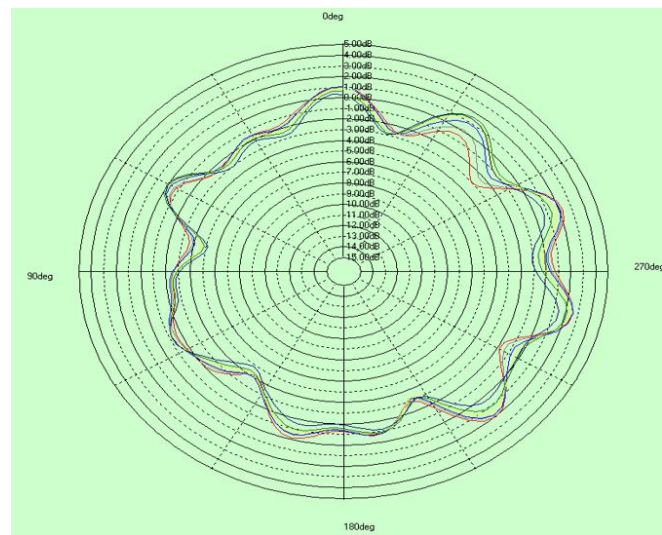
2.4 水平面



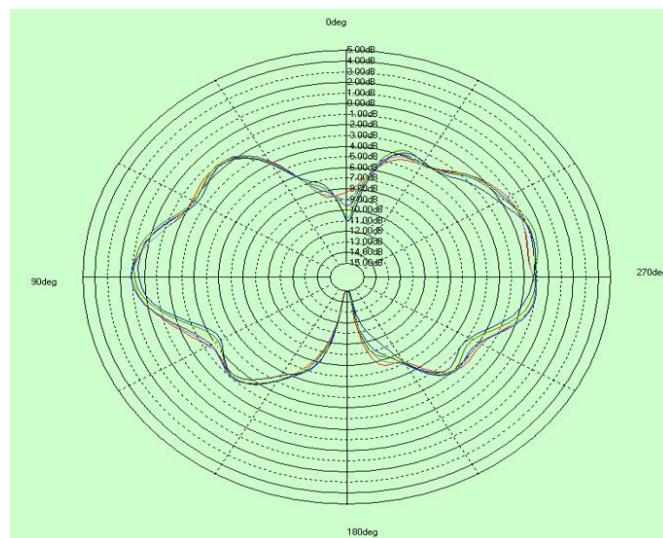
2.4 俯仰面



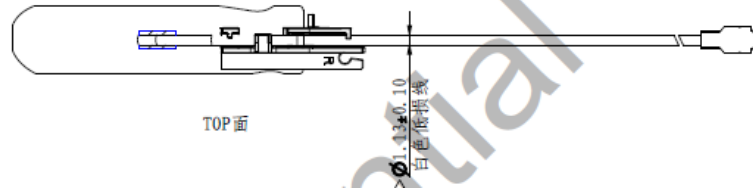
5.2/5.8 水平面



5.2/5.8 俯仰面



2.3 Structure drawing



3. UAV SDR LB ANT3

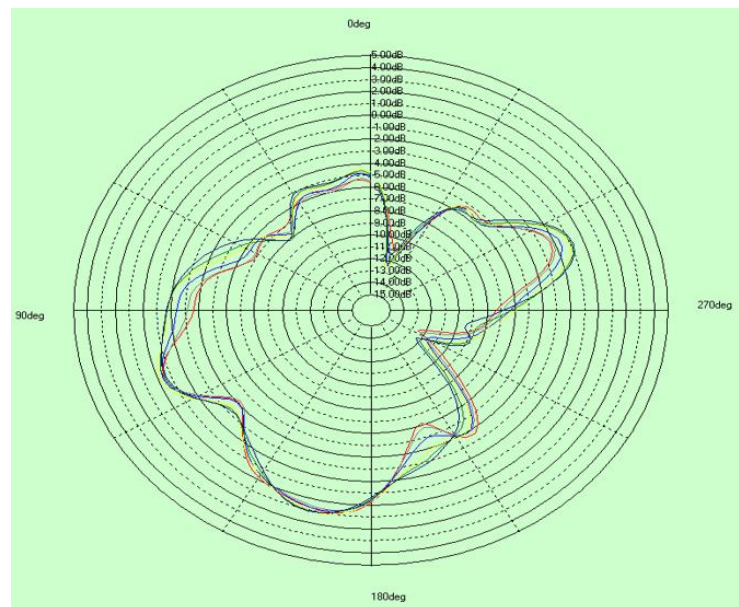
3.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	UAV SDR LB ANT3		
2	Brand	Spatial Hover		
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	≥50%		
8	VSWR	≤2.5		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional Vertical		
11	Weight			

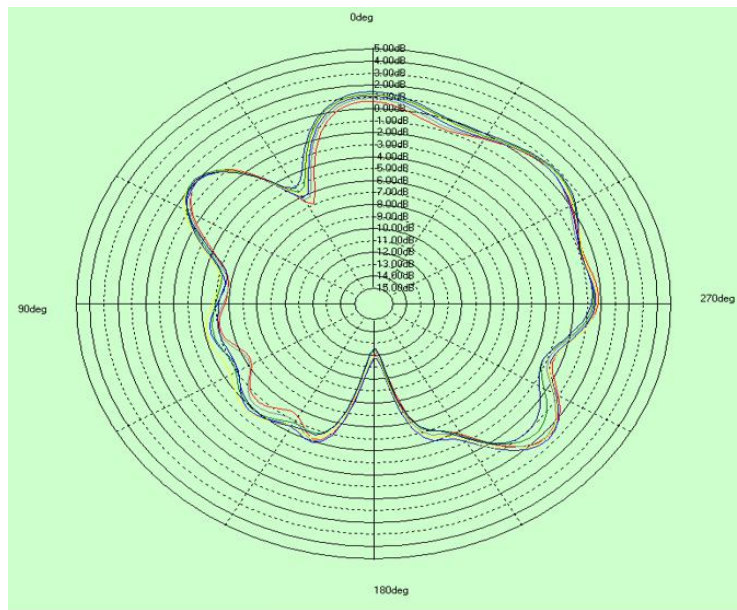
3.2 radiation pattern

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	51%	2.64217
5200MHz	51%	2.61375
5250MHz	52%	2.71246
5725MHz	50%	2.65794
5775MHz	53%	2.92507
5800MHz	52%	2.71814
5850MHz	50%	2.67981

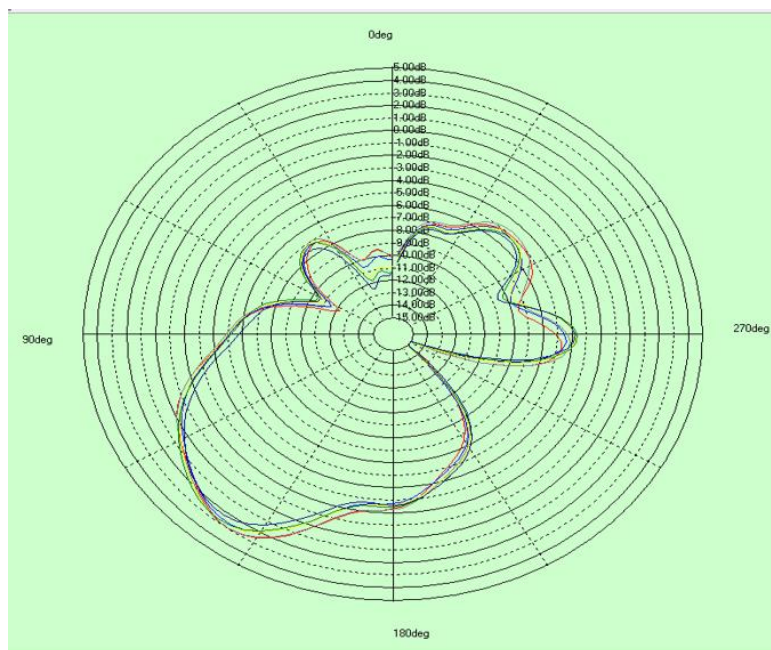
2.4 水平面



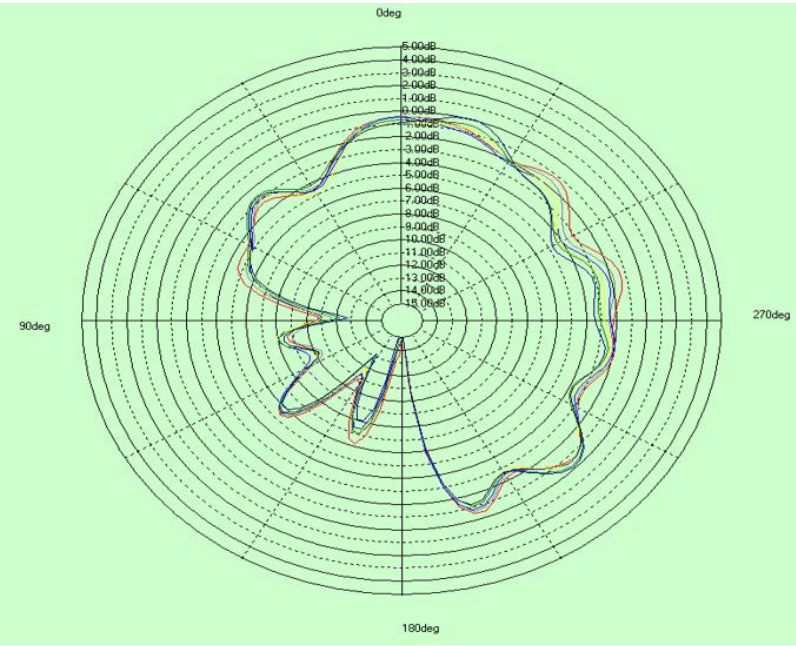
2.4 俯仰面



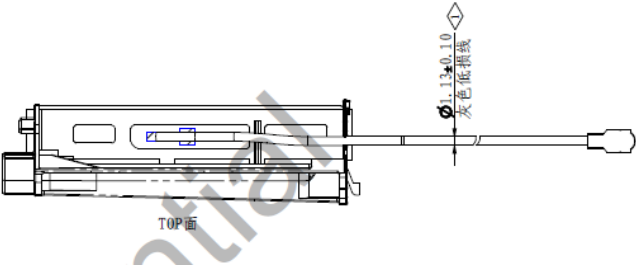
5.2/5.8 水平面



5.2/5.8 俯仰面



3.3 Structure drawing



4. UAV SDR RB ANT0

4.1 Basic Specifications

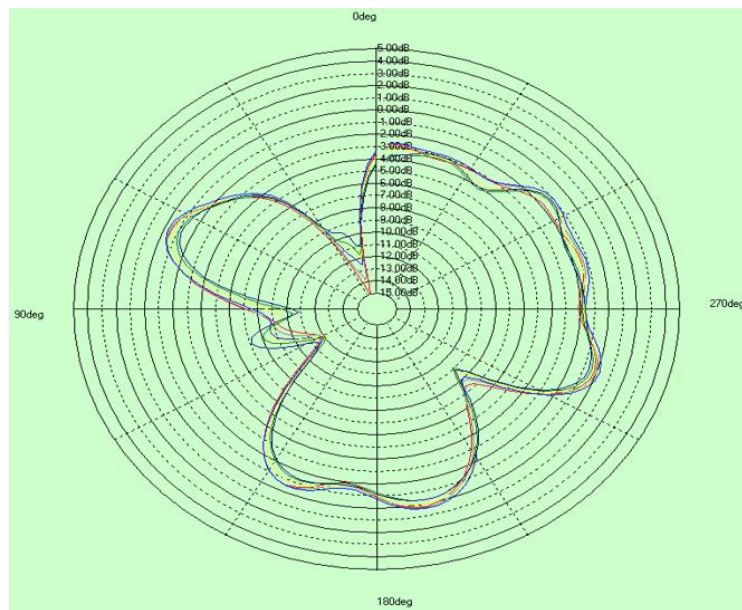
No.	Specification	Descriptions	Notes	
1	Antenna Name	UAV SDR RB ANT0		
2	Brand	Spatial Hover		
3	Operation	2.4~2.483GHz; 5.15~5.25GHz;		

	Frequency	5.725~5.85GHz		
4	Connector Type	1 代 IPEX		
5	Impedance	50ohm		
6	Gain	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			

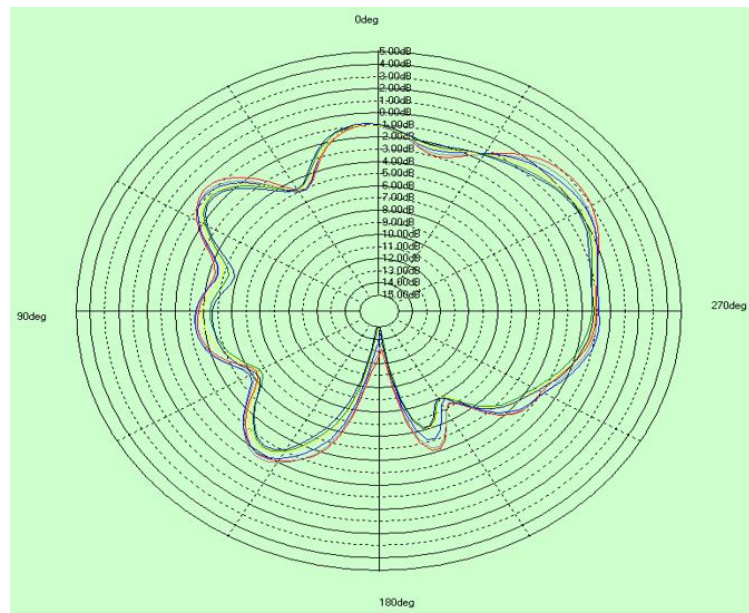
4.2 radiation pattern

Frequency	Efficiency()	E Total. dB(dB)
2400MHz	51%	1.43649
2420MHz	52%	1.466
2440MHz	53%	1.48475
2460MHz	53%	1.4676
2480MHz	51%	1.37426
5150MHz	52%	2.75162
5200MHz	52%	2.77423
5250MHz	52%	2.75613
5725MHz	52%	2.81937
5775MHz	52%	2.92576
5800MHz	52%	2.85842
5850MHz	50%	2.73477

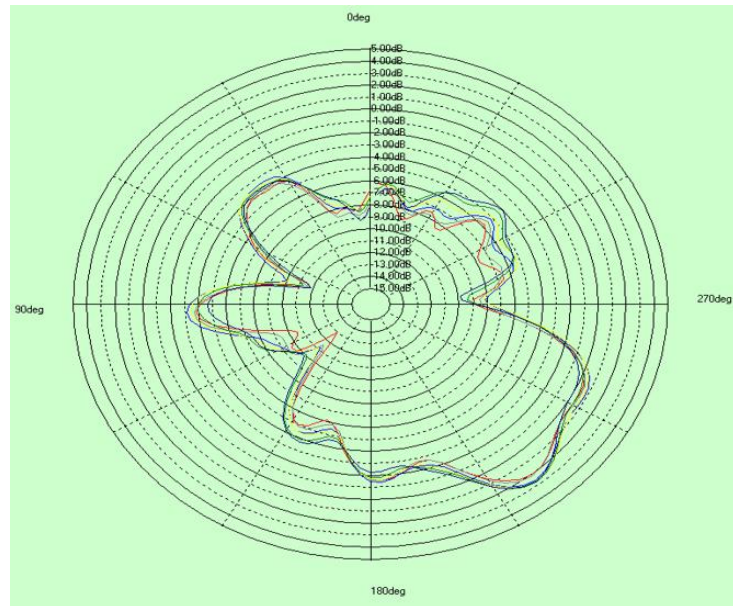
2.4 水平面



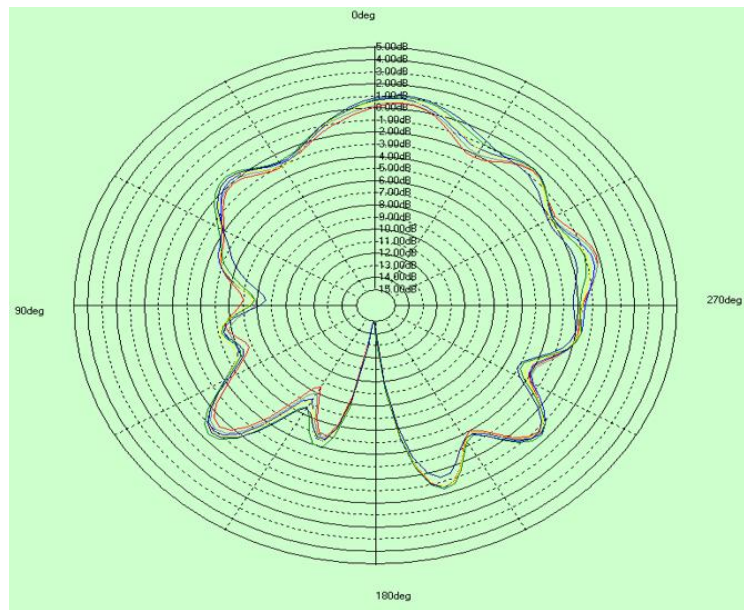
2.4 俯仰面



5.2/5.8 水平面



5.2/5.8 俯仰面



4.3 Structure drawing

