

1. BA020 WIFI ANT0

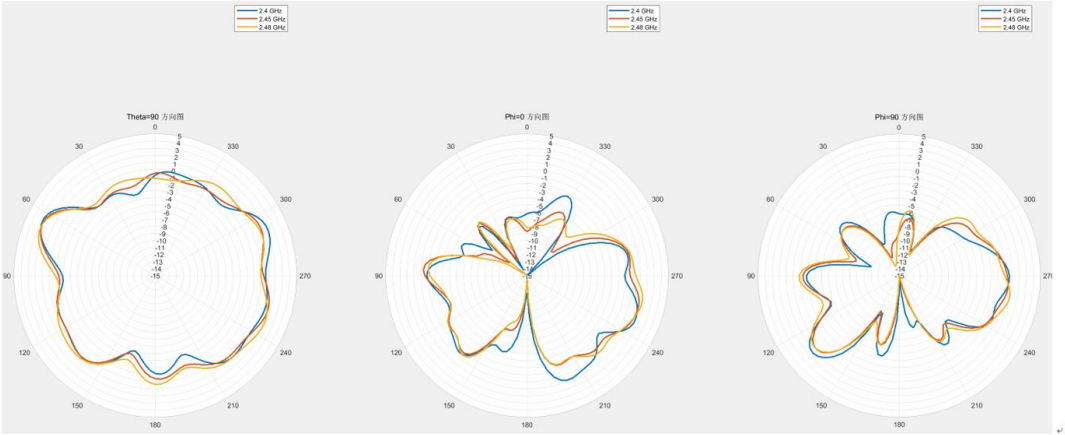
1.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	WIF ANT0		
2	Brand			
3	Operation Frequency	2.4~2.483GHz; 5.725~5.85GHz		
4	Connector Type	IPEX		
5	Impedance	50ohm		
6	Gain	3.07 dBi@2.4~2.483GHz 3.46 dBi@5.725~5.85GHz		
7	Efficiency	$\geq 50\%$		
8	VSWR	≤ 2.5		
9	Polarization type	Linear		
10	3dB Beamwidth	$>180^\circ$		
11	Weight			
12	Manufacturer	Kunshan Innowave Communication Technology Co., Ltd.		

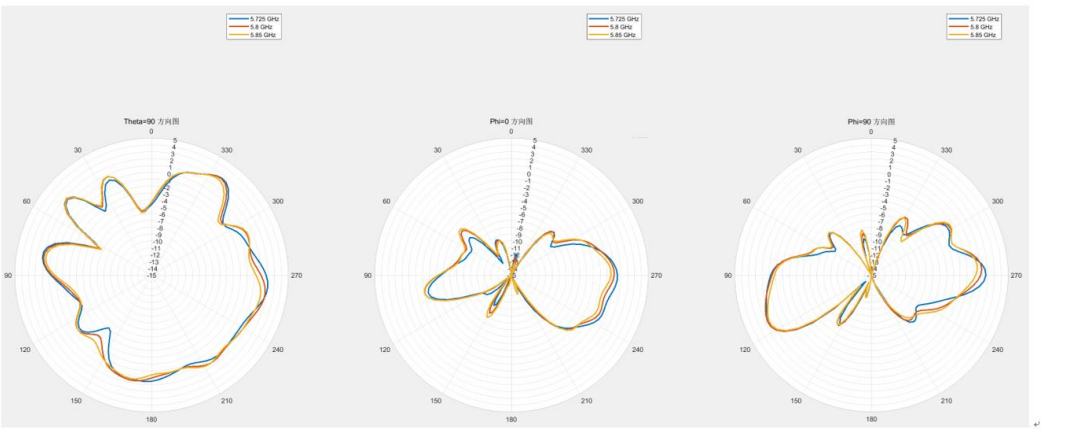
1.2 radiation pattern

Frequency	Efficiency(%)	E Total. dB(dB)
2400MHz	52	2.87
2420MHz	51	2.74
2440MHz	50	3.07
2460MHz	50	2.31
2480MHz	52	2.93
5725MHz	55	3.11
5775MHz	56	3.23
5800MHz	56	3.46
5850MHz	57	3.25

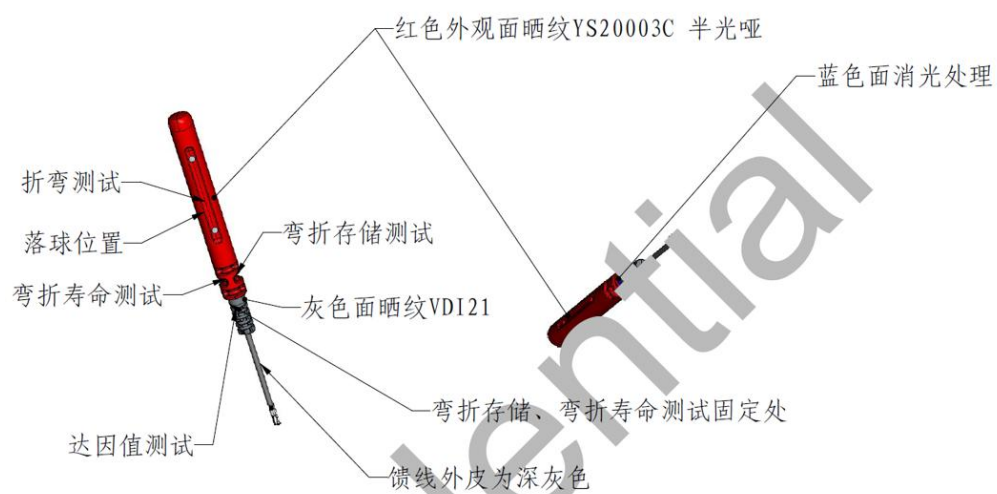
2.4G



5.8G



▪ 1.3 Structure drawing



2. BA020 SDR ANT1

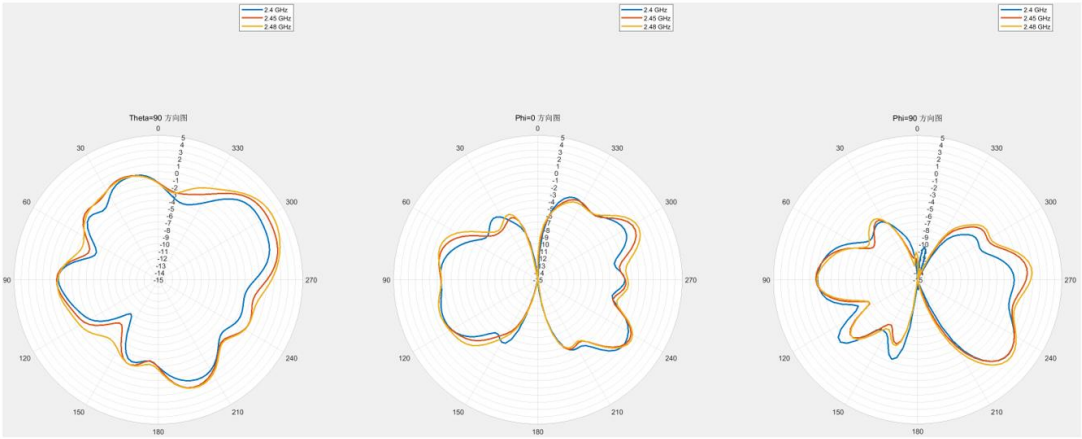
2.1 Basic Specifications

No.	Specification	Descriptions	Notes	
1	Antenna Name	BA020 WIFI ANT1		
2	Brand			
3	Operation Frequency	2.4~2.483GHz; 5.725~5.85GHz		
4	Connector Type	IPEX		
5	Impedance	50ohm		
6	Gain	3.21 dBi@2.4~2.483GHz 3.15 dBi@5.725~5.85GHz		
7	Efficiency	$\geq 52\%$		
8	VSWR	≤ 2.5		
9	Polarization type	Linear		
10	3dB Beamwidth	Omnidirectional horizontal		
11	Weight			
12	Manufacturer	Kunshan Innowave Communication Technology Co., Ltd.		

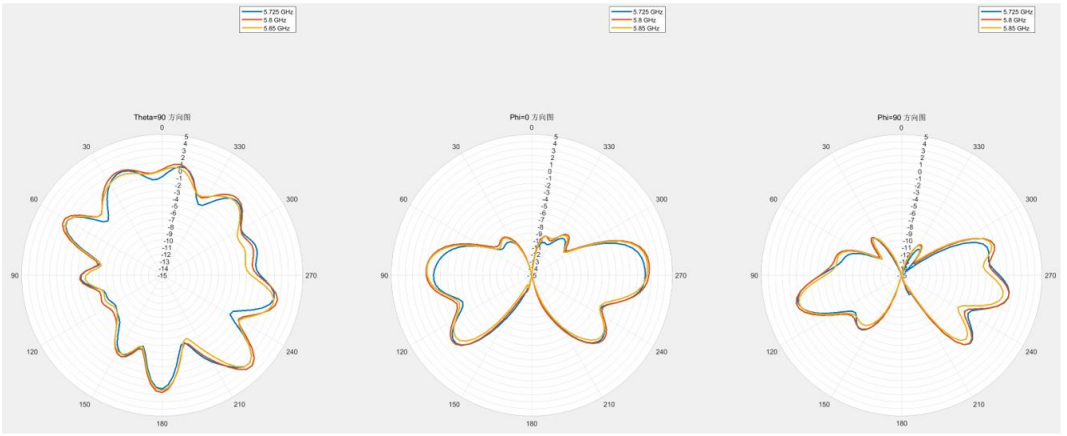
2.2 radiation pattern

Frequency	Efficiency()	E Total. dB(dB)
2400MHz	50%	1.84
2420MHz	53%	2.01
2440MHz	58%	2.47÷
2460MHz	59%	2.84
2480MHz	59%	3.21
5725MHz	50%	2.61
5775MHz	52%	2.81
5800MHz	53%	3.15
5850MHz	54%	2.63

2.4G



5.8G



▪ 2.3 Structure drawing

