Announcement

- The result of this report will be invalid without examining and verifying by our company.
- Self-correction of the report is not accepted.

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Post Code：518055

Testing Result

Name	RFID Antenna	Serial Number	#1
Model		Quantity	1
Inspection date	2023-09-18	Stage	Good
Examination date	2023-09-18	Contact	
Authorized by	R&D		
Address	Foshan City, Guangdong, China		
Result	OK		
Remark	/		

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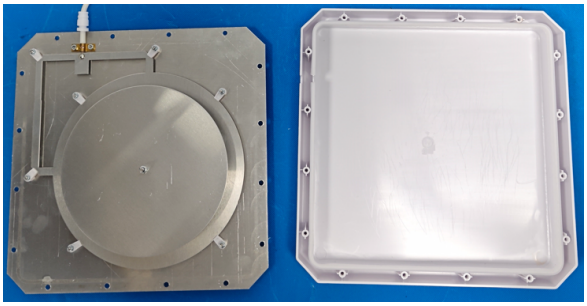
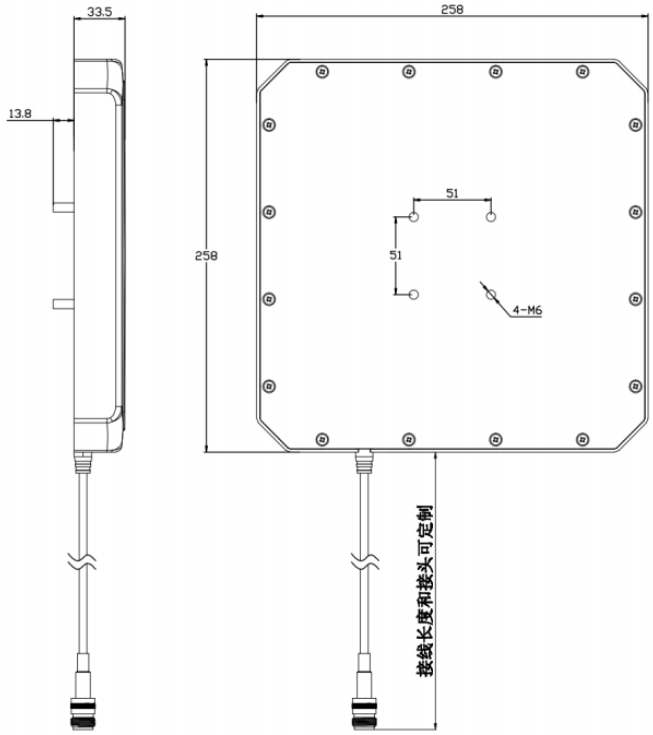
1、Antenna Technical Specification

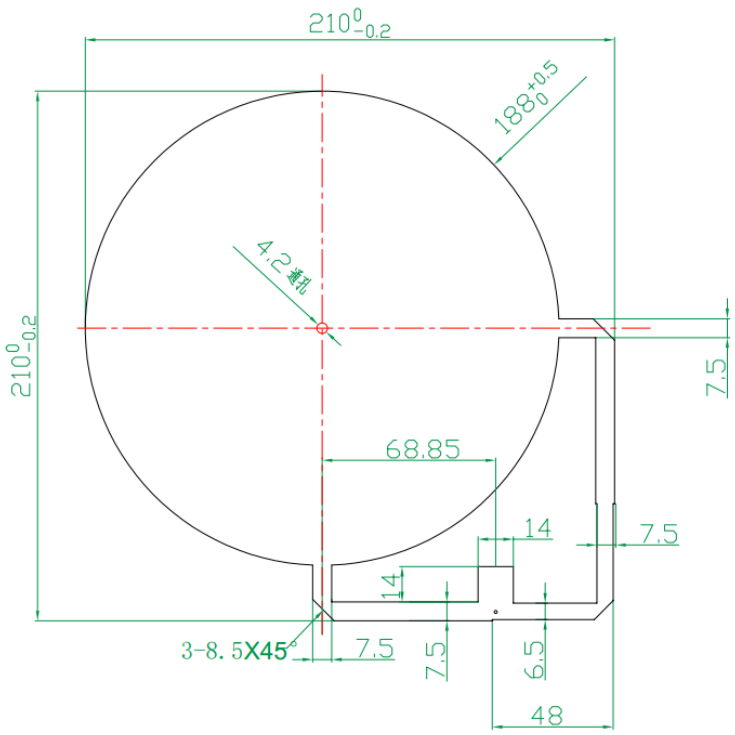
Electrical Specifications	
Frequency Range(MHz)	865-868/902-928
Gain(dBi)	9dBi
Polarization	Circular
Beam Width(°)	Hor:60±3° Ver: 60±3°
VSWR	≤1.5
Impedance(Ω)	50
MAX.Power(W)	50
Lightning protection	DC Grounding
Mechanical Spefications	
Connector	RP-SMA
Dimension(mm)	258*258*33.5 mm
Antenna weight(kg)	TBD
Reflector material	Aluminum
Radome material	ABS
Radome color	White
Mounting hardware(mm)	Φ40～Φ50

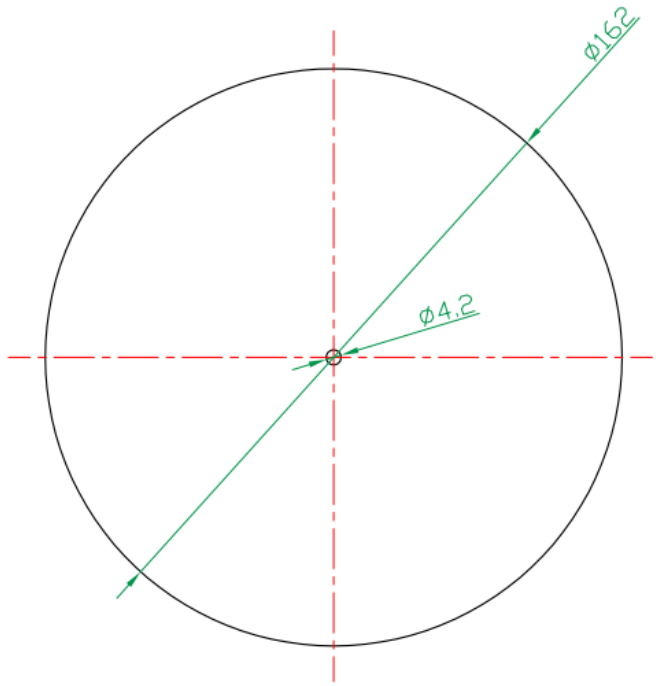
2、Product pictures



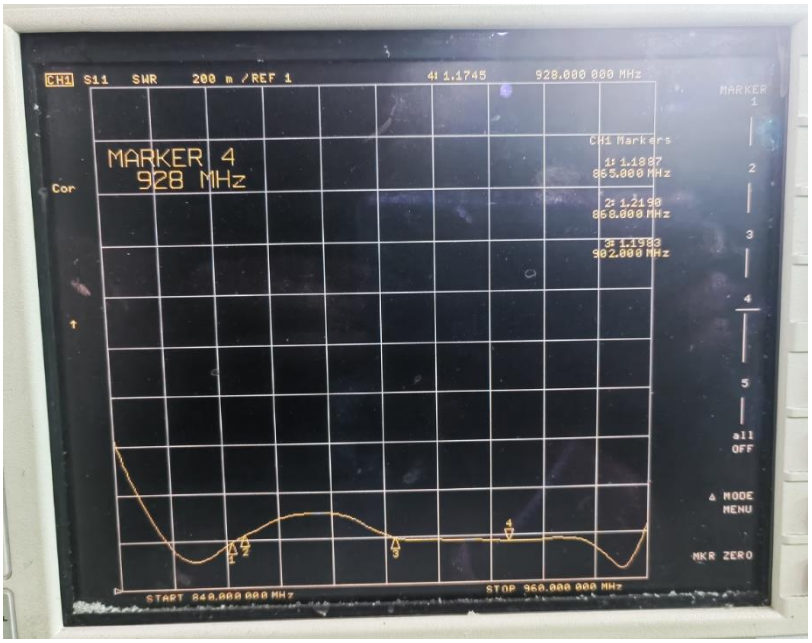
3、Engineering Drawing Unit:mm




210 0 -0.2
188 +0.5 0
4.2通孔
210 0 -0.2
7.5
68.85
14
7.5
14
3-8.5X45°
7.5
7.5
6.5
48

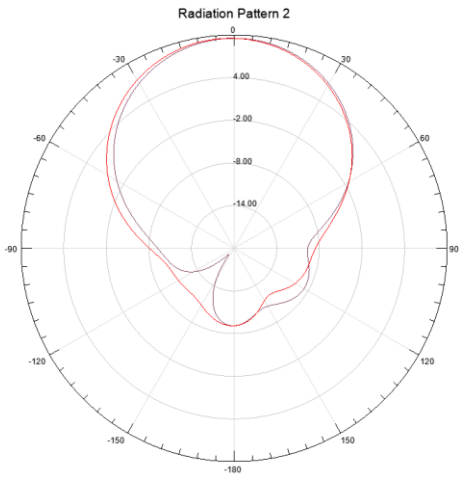

ø162
ø4.2

4、Antenna VSWR

860-940MHz	865-868/902-928
	≦1.3
	

5 、 Antenna Radiation Pattern

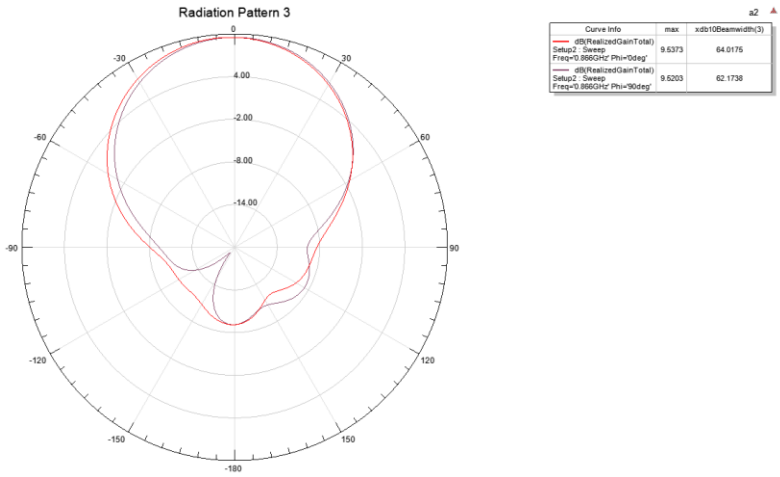
1 、 865MHz



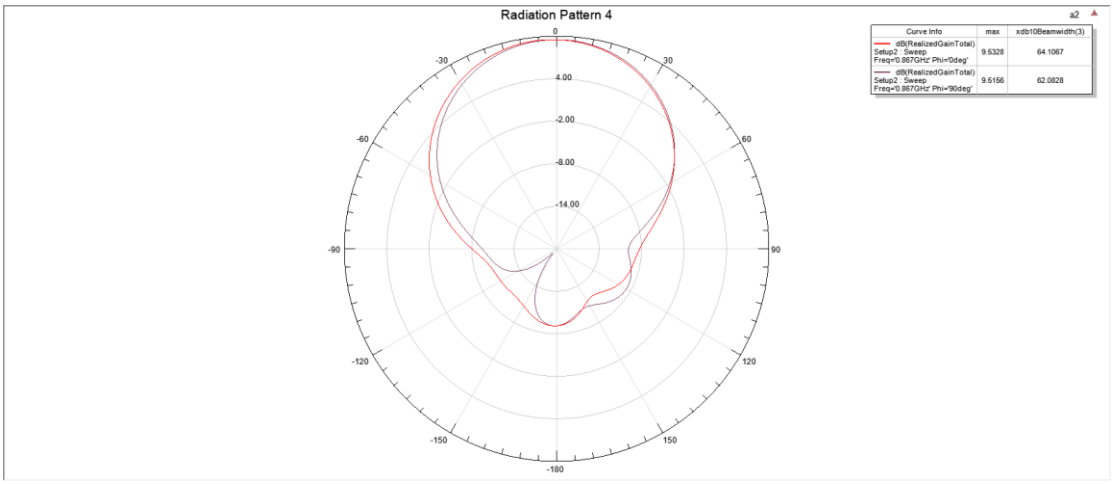
a2

Curve Info	max	xdb10Beamwidth(3)
dB(RealizedGainTotal) Setup2 : Sweep Freq='0.865GHz' Phi='0deg'	9.5421	63.9260
dB(RealizedGainTotal) Setup2 : Sweep Freq='0.865GHz' Phi='90deg'	9.5252	62.2709

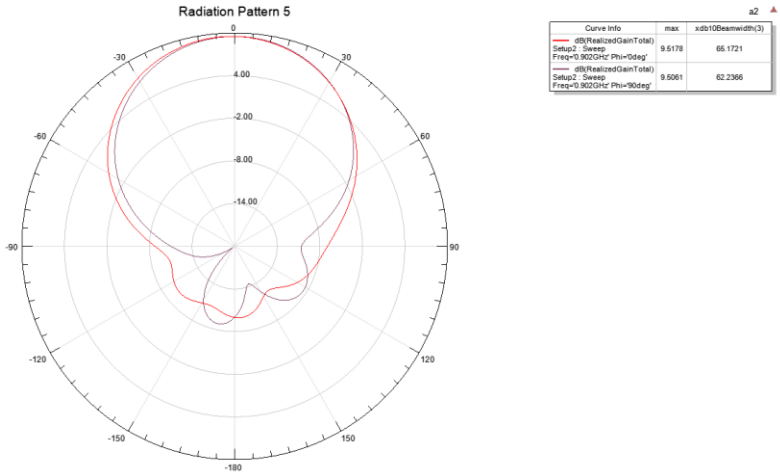
1、866MHz



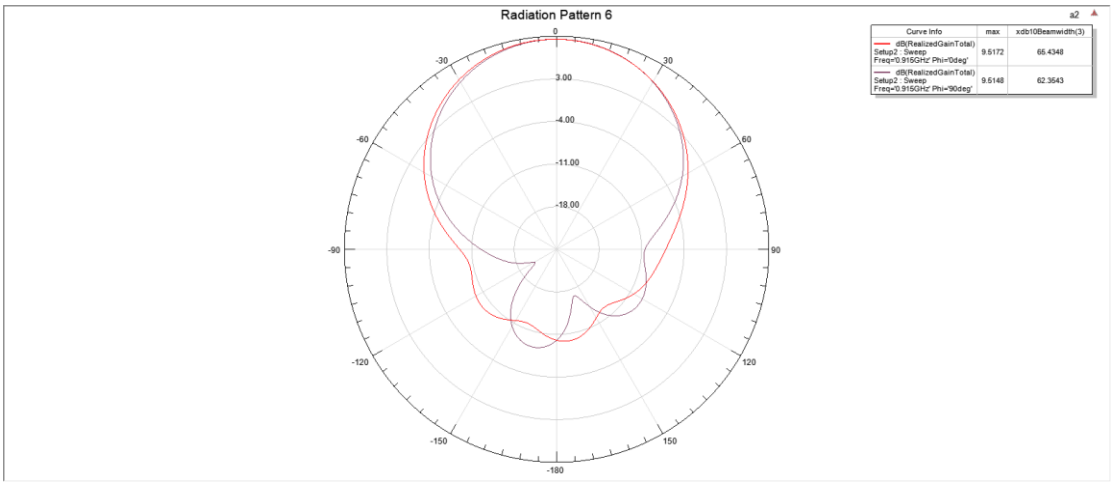
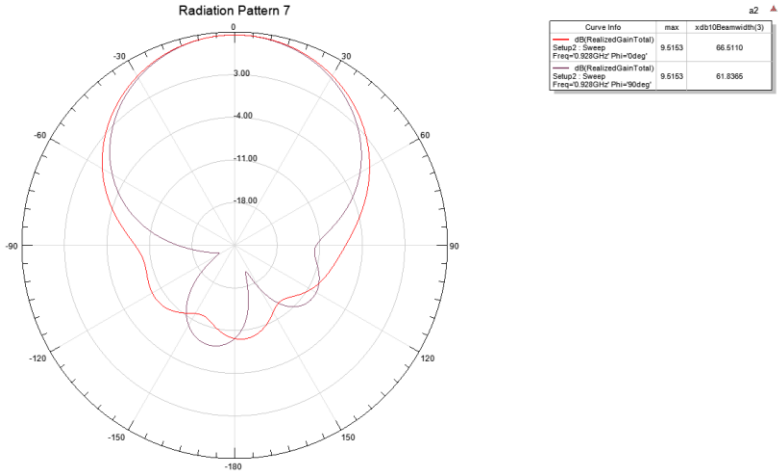
1、867MHz



1、902MHz



1、915MHz



1、928MHz