

Sample: RFID Antenna

Bands: 902-928MHz

Written by: Research & Development

SHENZHEN SYSIOT CO., LTD.

Announcement

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

Address: Room 261, Yiben E-Commerce and Industrial Park, Chaguang Road,

Nanshan District, Shenzhen, China

Email: sales@sysiot.cn

Website: [Http://www.sysiot.cn](http://www.sysiot.cn)

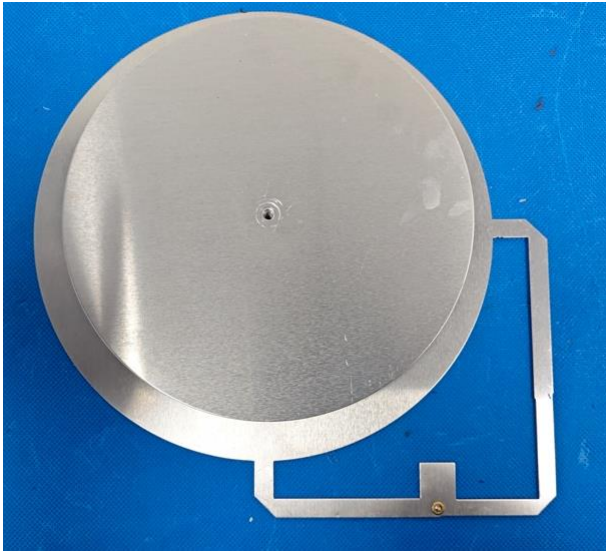
Testing Result

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	/		

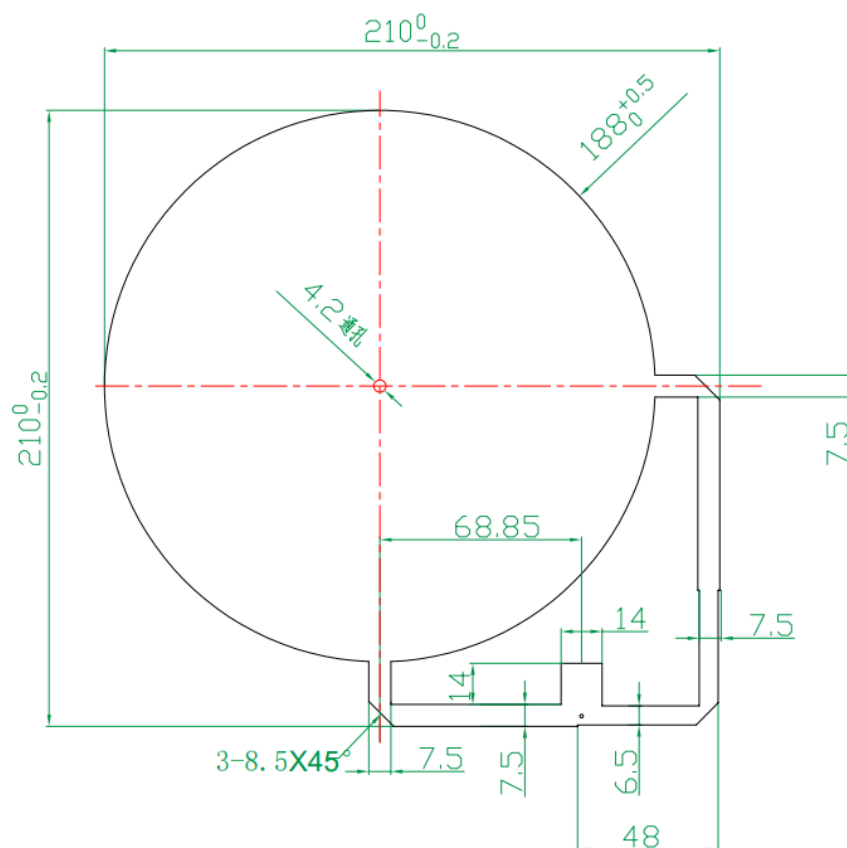
1、Antenna Technical Specification

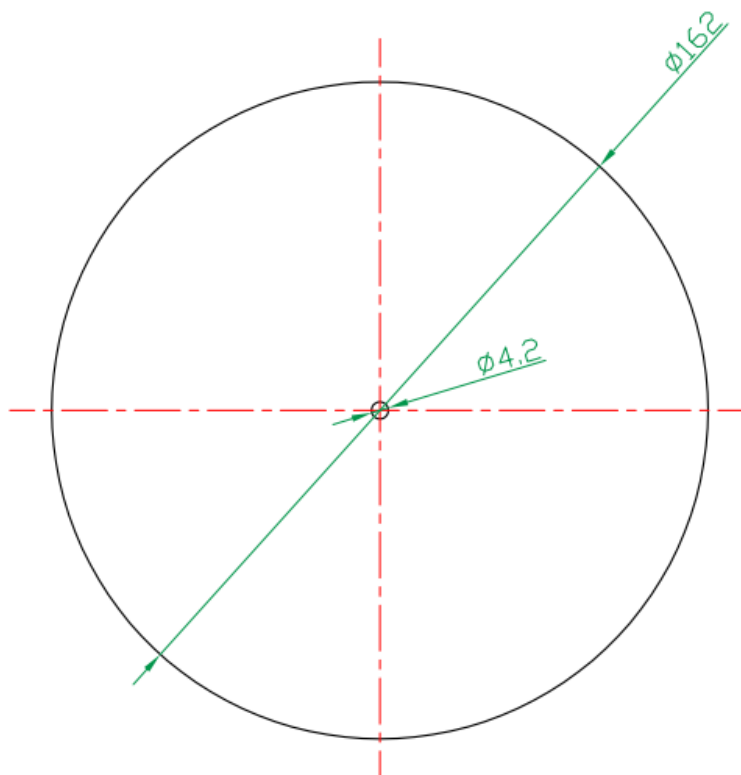
Electrical Specifications	
Frequency Range(MHz)	902-928
Gain(dBi)	9.52
Polarization	Circular
Beam Width(°)	Hor:60±3° Ver: 60±3°
VSWR	≤1.5
Impedance(Ω)	50
MAX.Power(W)	50
Lightning protection	DC Grounding
Mechanical Specifications	
Connector	-
Dimension(mm)	210*210*80 mm
Antenna weight(kg)	TBD
Reflector material	Aluminum
Radome material	ABS
Radome color	Black
Mounting hardware(mm)	Φ 40~ Φ 50

2、Product pictures



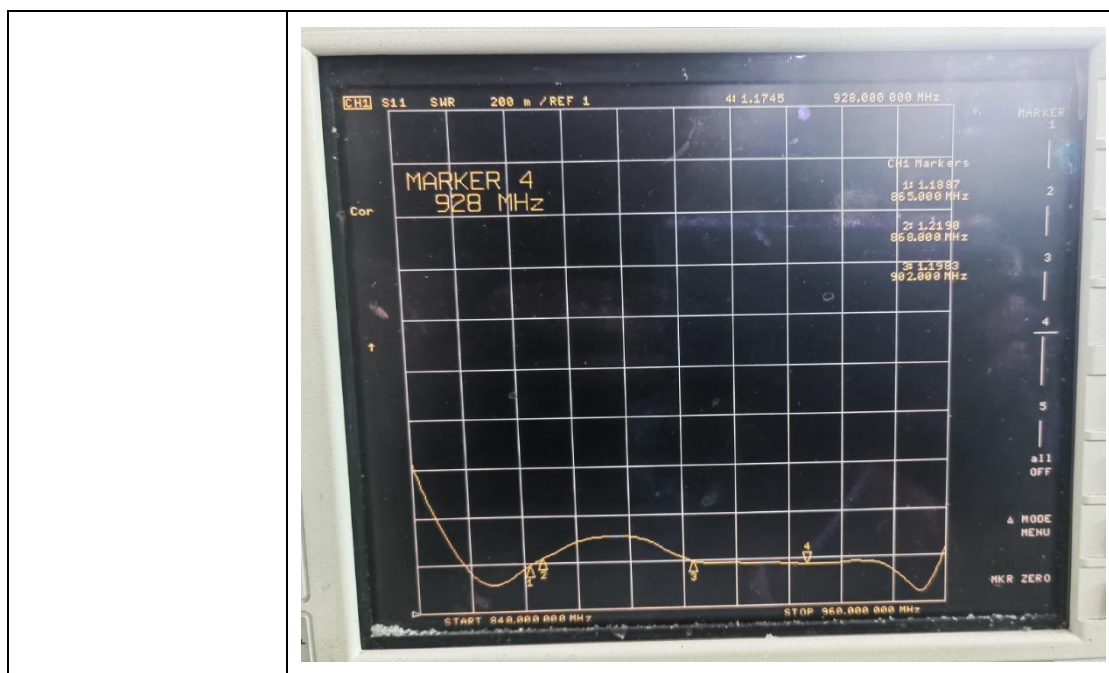
3、Engineering Drawing





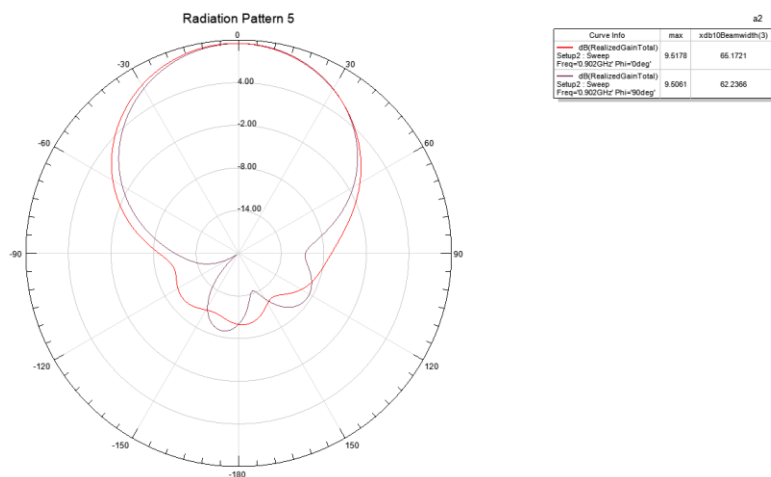
4、Antenna VSWR

902-928MHz	902-928
	≤ 1.3

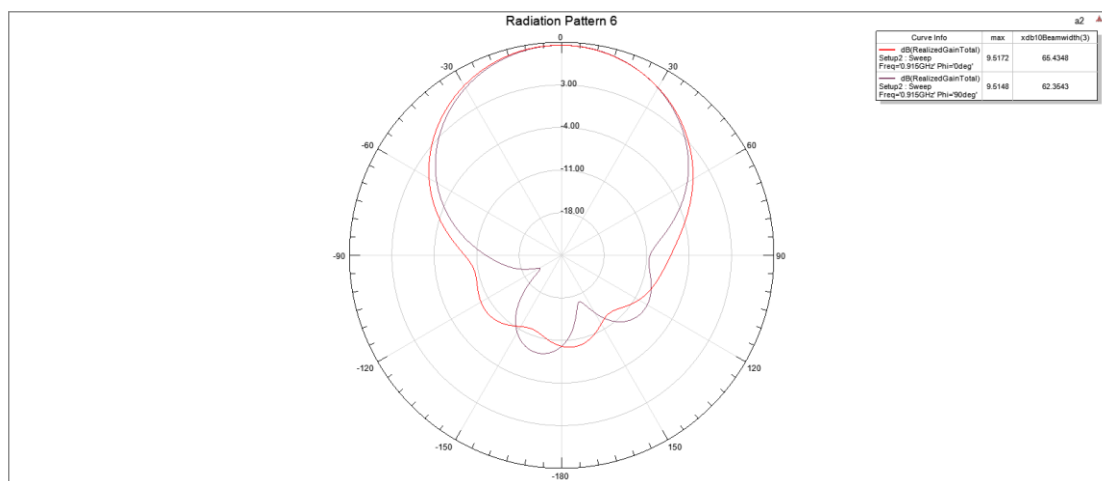


5、Antenna Radiation Pattern

1、902MHz



1、915MHz



1、928MHz

