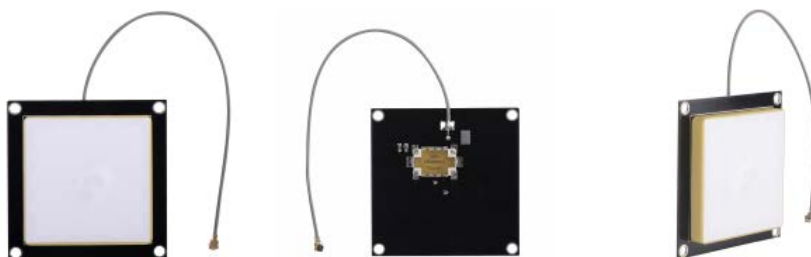


## 1: 产品规格

- 客户名称
- 产品型号: BSL5040A5-915MHZ
- 产品描述: RFID读写器内置天线



● Electrical Characteristics 技术参数

Antenna (天线)		
1	Antenna model(天线规格)	4050D (40mm*40mm*5mm)
2	Frequency Range(频率范围)	915MHz±2MHz
3	V.S.W.R (驻波比)	1.5 MAX
4	Band With@10dB(10dB带宽)	8MHz MIN @10dB return loss
5	Gain(增益)	1.5dB typ @50mm*50mm groundplane
6	Impendence (阻抗)	50Ω
7	Polarization (极化方式)	RHCP

● Material (材料)

No	Part Name	SPEC
1	Antenna	Dielectric Ceramics
2	PCB	FR4
3	Bridge(电桥)	HCO900A03
4	Resistance (电阻)	100Ω (0603)
5	RF Cable (线材)	RG1.13
		L=135mm
6	RF Connector (接头)	IPEX-1代

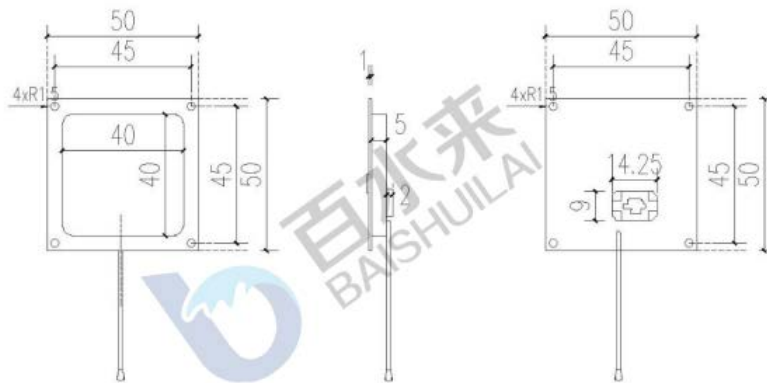
● Environment Condition

1	Working Temp (工作温度)	-40°C ~ +85°C, 10%~95% RH
2	Storage Temp (贮存温度)	-55°C ~ +100°C, 10%~95% RH
3	Vibration (震动)	Sine sweep @1.5mmAM10~55Hz each Axis

- Testing Curve (测试图表) terial  
Patch Simth& VSWR (天线阻抗及驻波比)

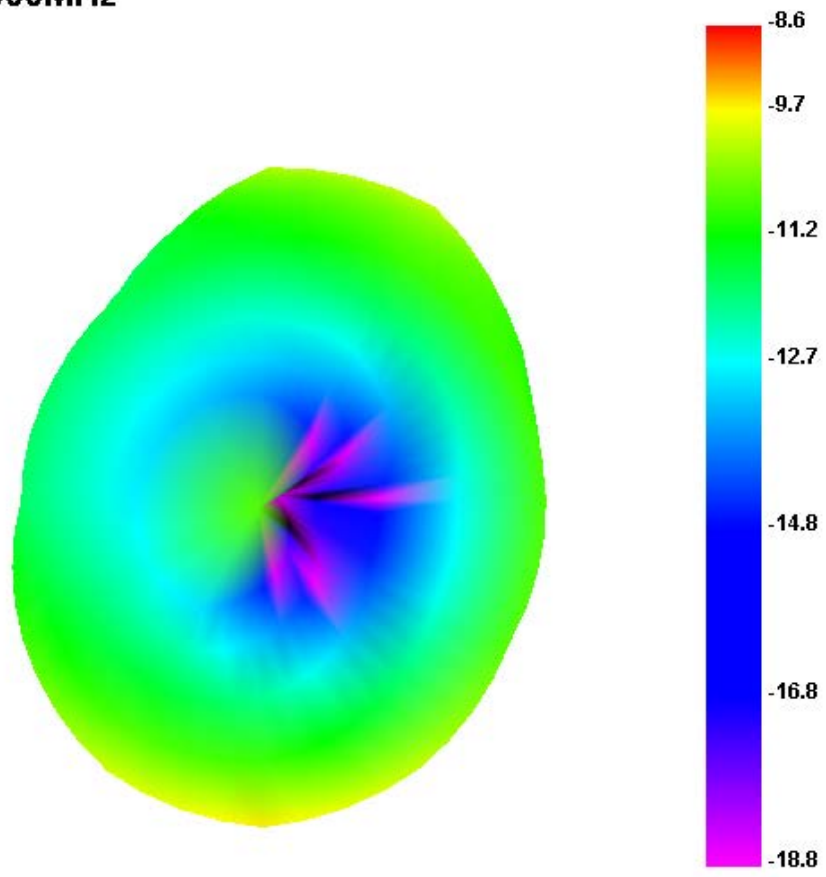


- Structure (结构图)



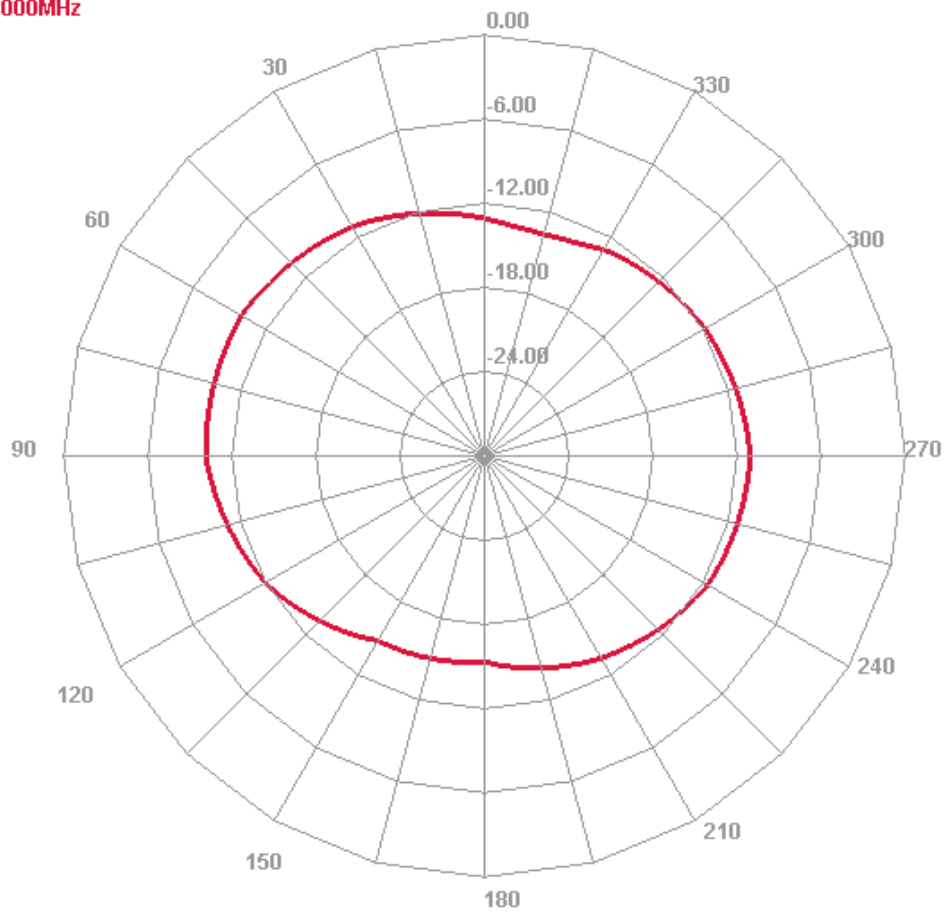
## 2: 场行测试

902.000MHz

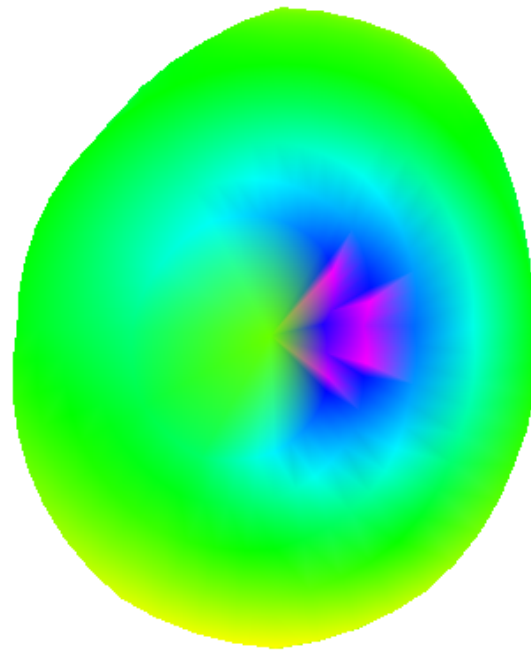


# Horizontal

902.000MHz

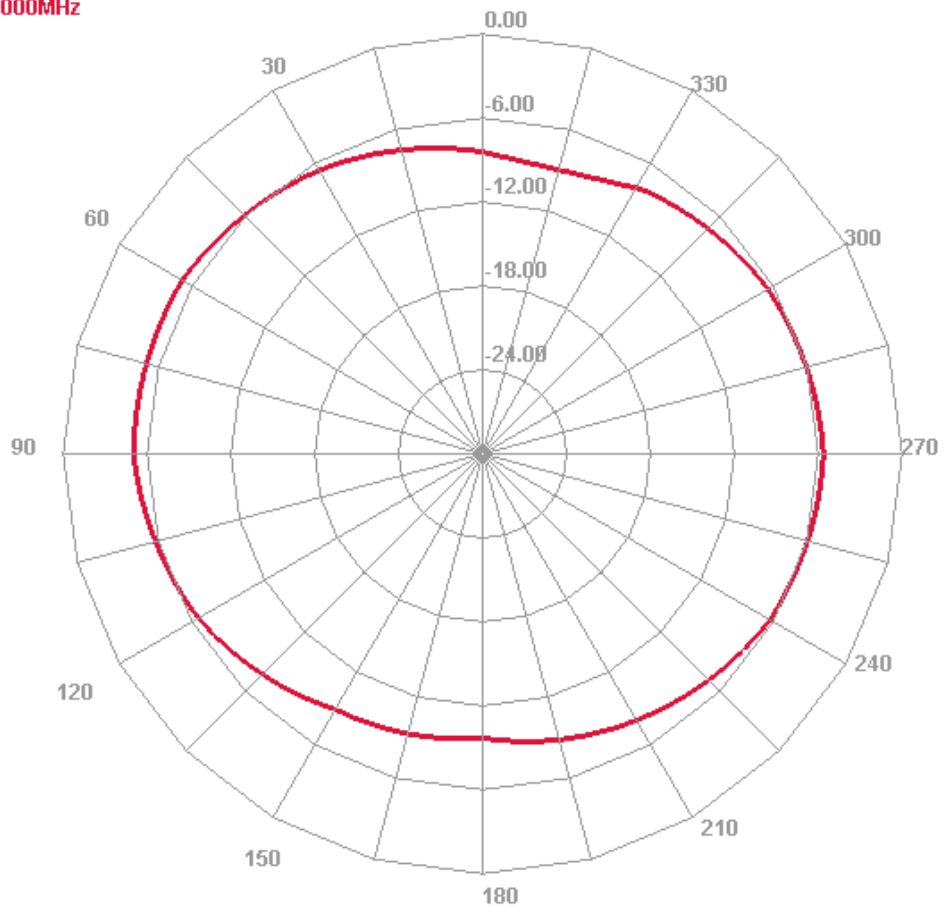


914.000MHz

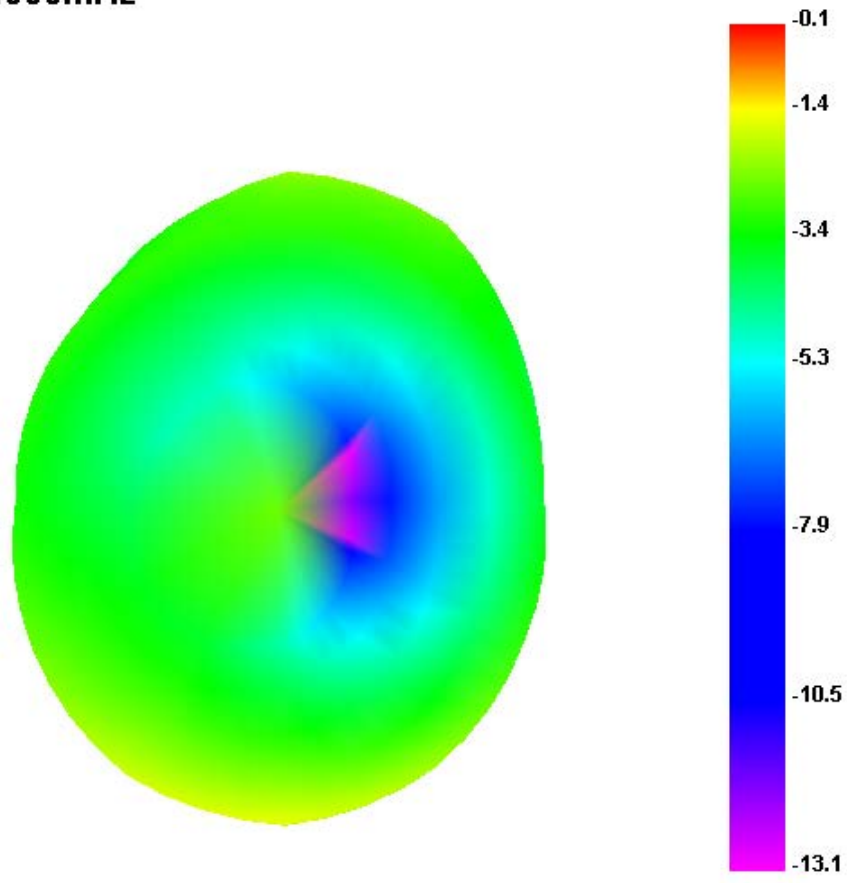


# Horizontal

914.000MHz



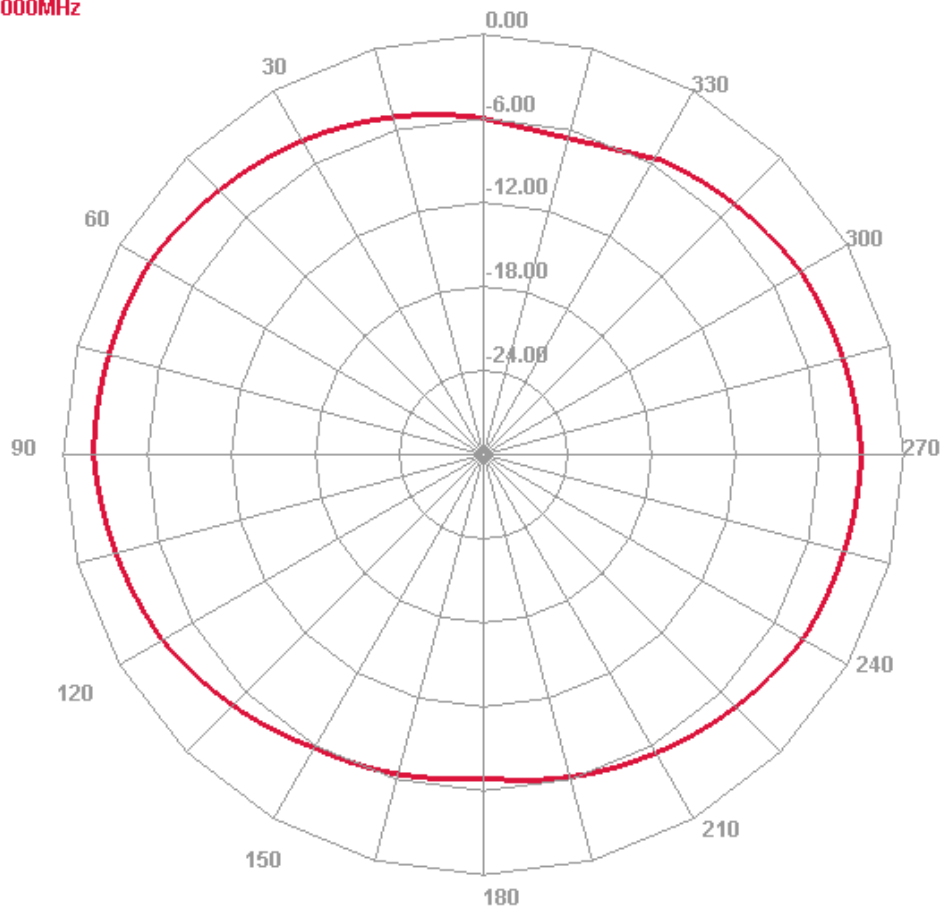
920.000MHz



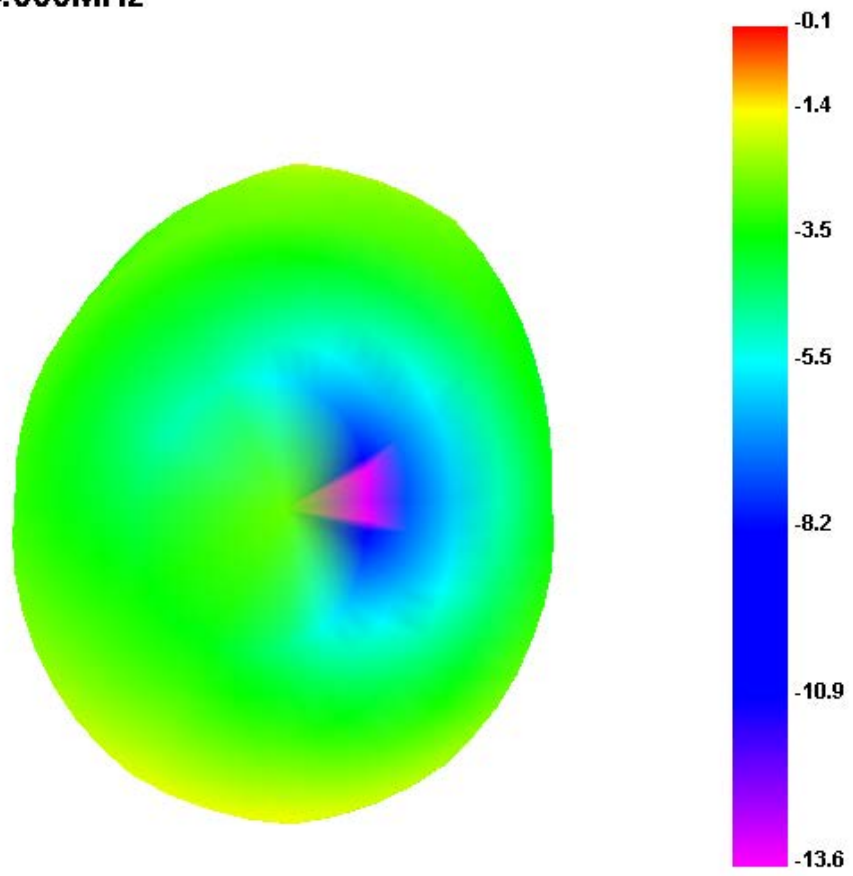


# Horizontal

920.000MHz

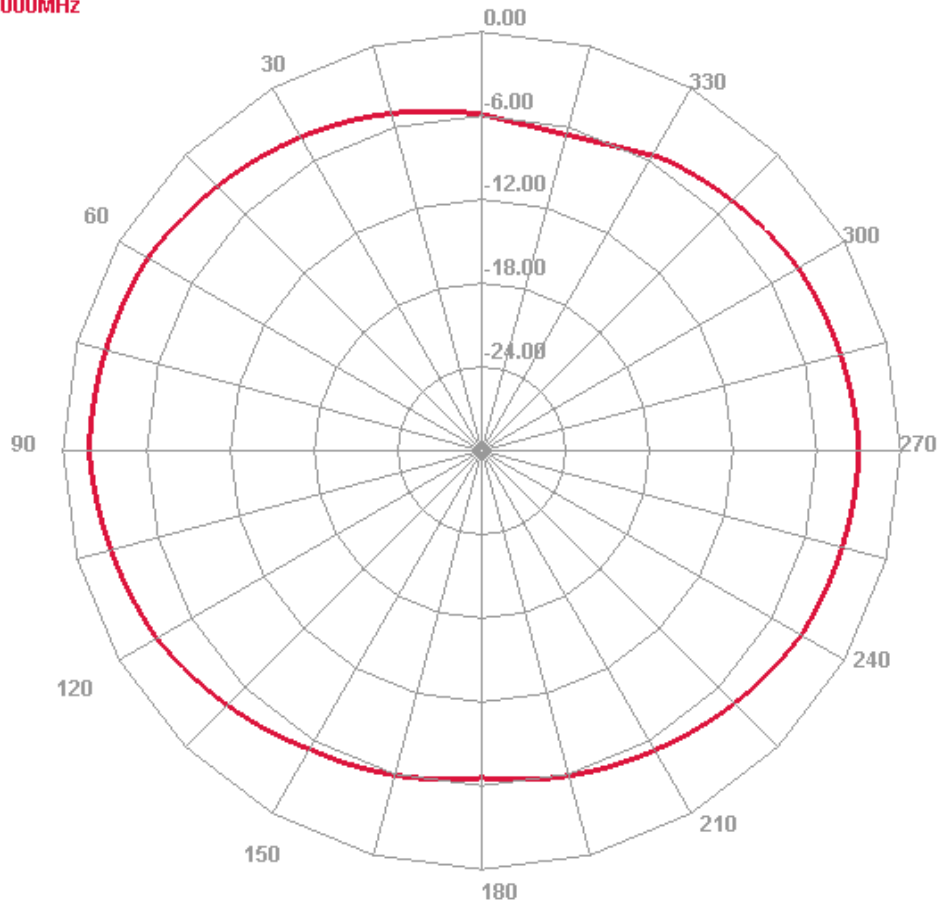


924.000MHz

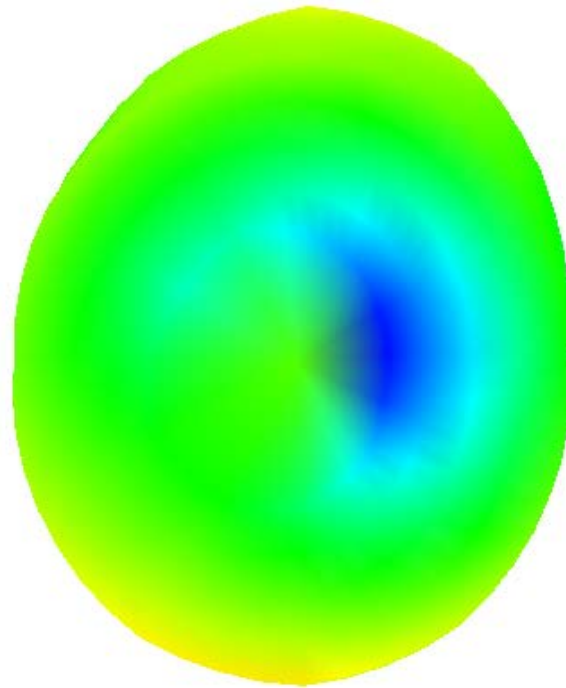


# Horizontal

924.000MHz



928.000MHz



# Horizontal

928.000MHz

