

BEEDANCING (CHINA) LIMITED
No.43,Lane 505,Luoying Rd.,Luodian Town,Baoshan District,Shanghai
City,China

It is hereby declared that the product

Model No.: PW Smart Mat-6m, PW Smart Mat-3m
FCC ID: 2AOIRPWSMARTMAT6M

fulfills the requirement in FCC test relating to the antenna type.

The device specified above confirms to the FCC recommendations for right-handed circular polarization antenna type(s) described below:

Model No. of antenna: N/A

Type of antenna: right-handed circular polarization

Gain of the antenna: 5.0 dBi

Frequency range: 903-927 MHz

The mounting of the antenna is fixed to the radio module and no other antenna should be used.

Company name: BEEDANCING (CHINA) LIMITED

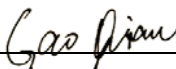
Address: No.43,Lane 505,Luoying Rd.,Luodian Town,Baoshan District,Shanghai City,China

City: Shanghai

ZIP / Postal code: 201314

Country: China

Place: China Date: 2018/04/20

Signature: 

承认书

SPECIFICATION FOR APPROVAL

客 户 **BEEDANCING (CHINA) LIMITED**
CUSTOMER

料 号 AN-Antenna-UHF-5dBi
PART NUMBER

品 名 UHF RFID 5dBi Plate Antenna
PRODUCT NAME

日 期 **2017/11/29**
D A T E

版 本
VERSION Ver1.0

UHF RFID 5dBi Plate Antenna

电性能指标 Electrical Performance Index

Frequency range (MHz) 频率范围	903-927
Polarization 极化	right-handed circular polarization 右旋圆极化
Gain (dBi) 增益	5.0
Impedance (Ω) 阻抗	50
Maximum Input Power (W) 最大输入功率	50
S11 回波系数	≤-10dB

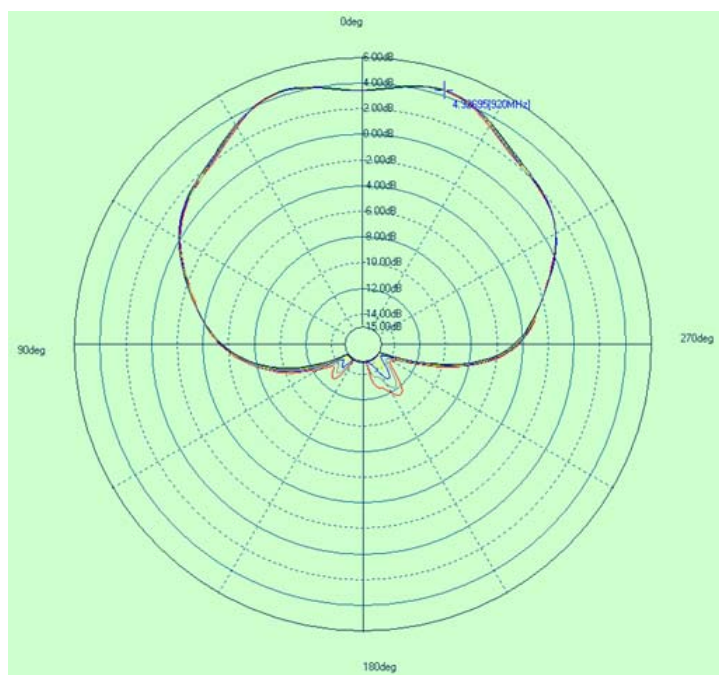
UHF RFID 5dBi Plate Antenna

天线方向图 Antenna Pattern

X-Z PLANE

Far-field Pattern @ $\Phi=0^\circ$

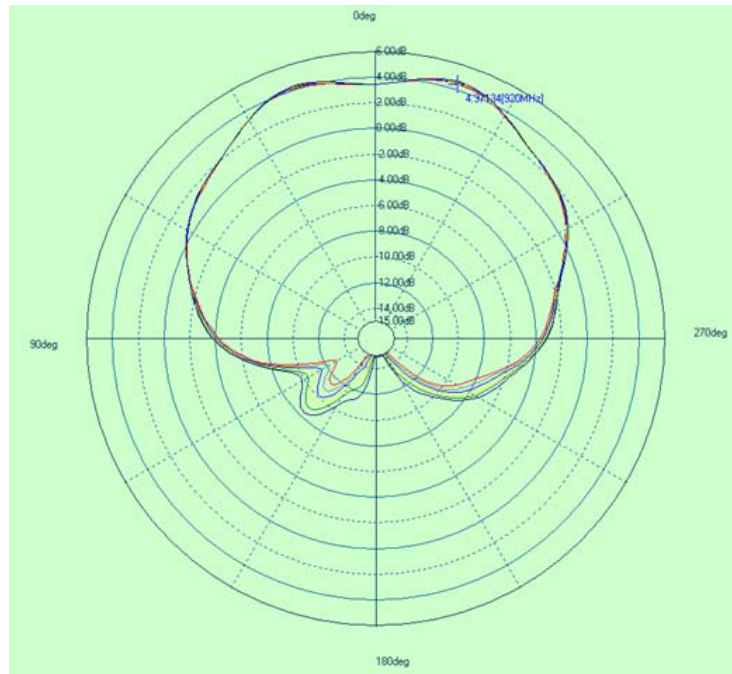
Co-Pol Efficiency: 80% @ Freq:903~927MHz



Y-Z PLANE

Far-field Pattern @ $\Phi=90^\circ$

Co-Pol Efficiency: 80% @ Freq:903~927MHz



UHF RFID 5dBi Plate Antenna

机械指标 Mechanical index

Connector 接口	设备一体机构
Length (mm) 天线长度	120*120
Radome material 天线外罩材料	PU
Radome color 天线外罩颜色	White 白色
Operation Temperature (°C) 工作温度	-20~80
Humidity (%) 湿度	5~95

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产品外形图 Product Profile

