



# RFID NFC antenna specification

Latest version V1.0

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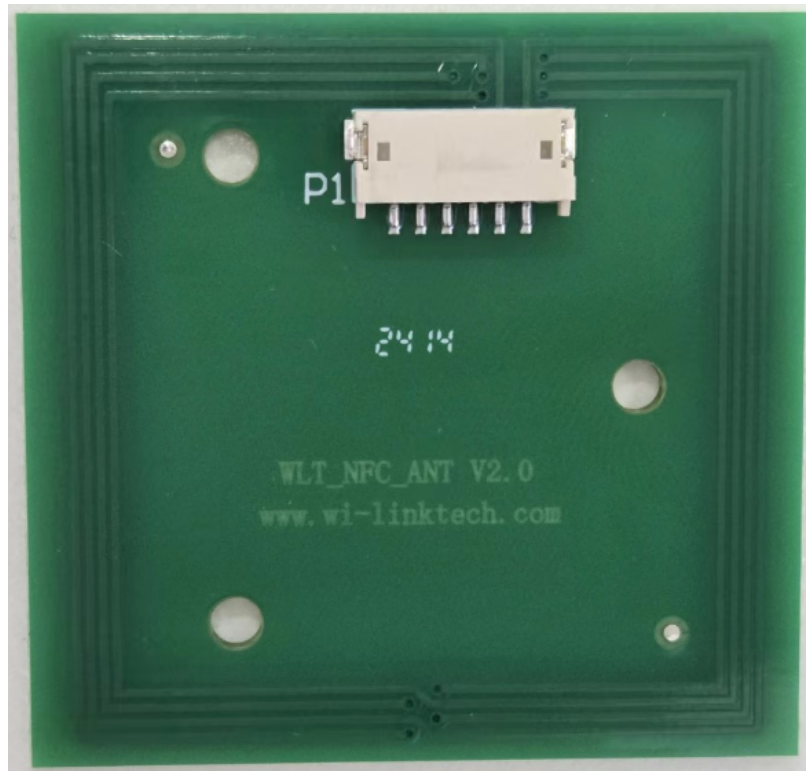
# 1. Antenna parameters

Design Specifications	Typical	Units
Antenna type	PCB antenna	
working Frequency	13.56	MHZ
Gain	3	DBi
Antenna efficiency	35~80	%
VSWR	<1.8	
Ploriaztion	Vertical polarization	
Radiation pattern	omnidirectional	
impedance	30	ohm
Power handling	33	dbm
Interface	6Pin 1.5mmHorizontal patch connector	
Overall dimensions	45*43	mm
Weight	No requirement	
Operatin Temp	-30-70	°C
Storing Temp	-30-70	°C

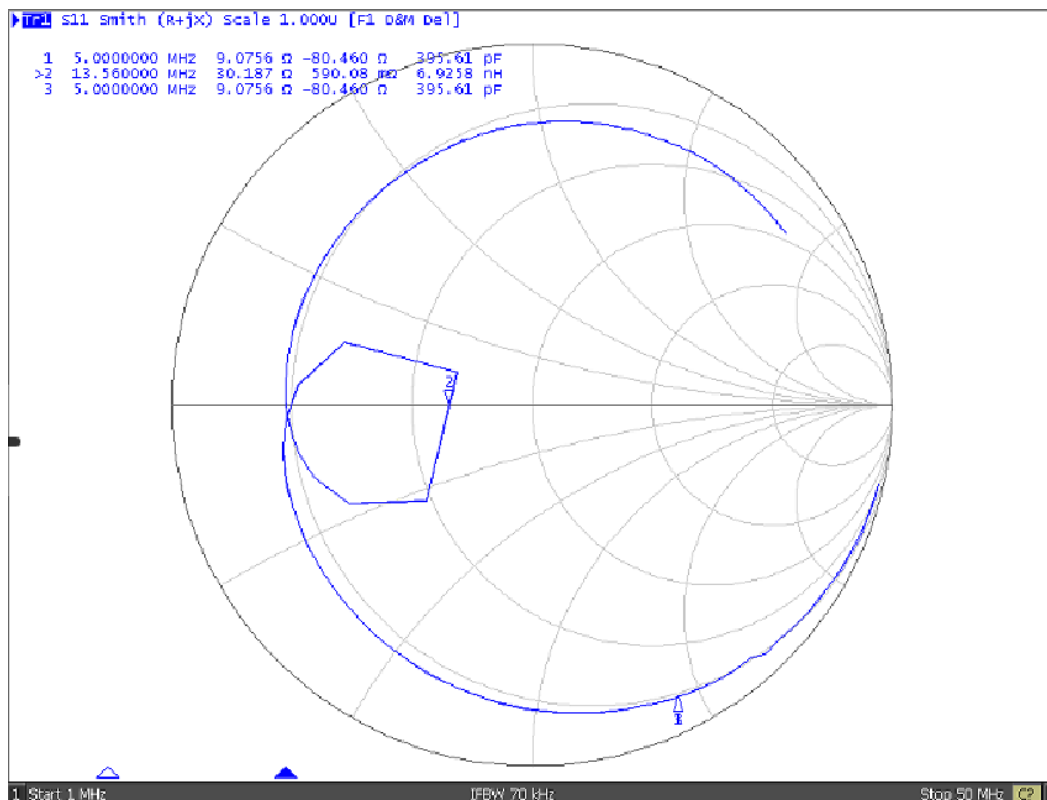
Note: 1. Antenna parameters are tested according to the simulated environment, and there will be performance deviations for different products.

2. Antenna function is more sensitive, the main body surrounding structure changes, please inform us to evaluate.

## 2. Antenna PCBA diagram



## 3. Smith Chart



# 4. Antenna size diagram

