

1. Overview

1.1 Description

Description: Vx00-NFC Ant. -305

Model: RD542403NB56-1

Manufacturer: Shenzhen Etheta Communication Technology Co., LTD.

1.2 Antenna Photo

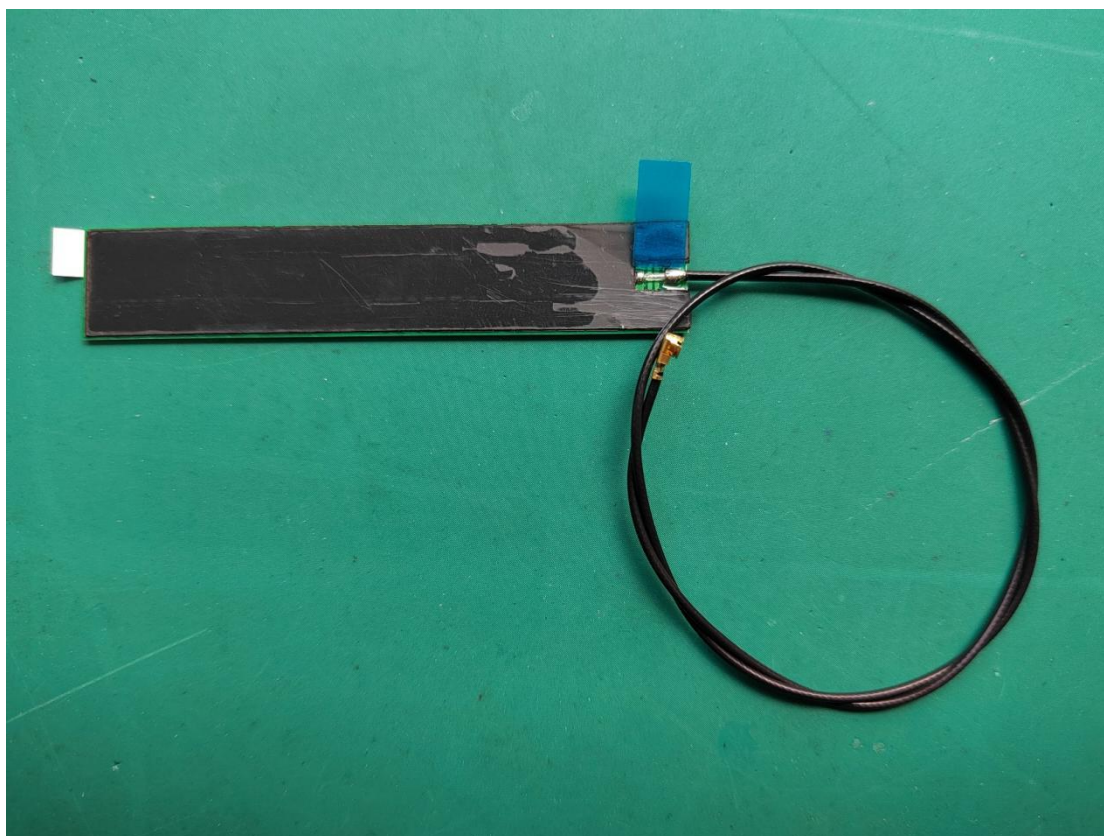


Figure 1 天线照片

2. Antenna Specification

2.1 Specification

电气参数(Parameter)	
工作频率 (Frequency)	13.56MHz
回波损耗(Return Loss)	$\leq -11.41\text{dB}$
机械参数(Mechanical Parameter)	
外形尺寸(External dimensions)	13*70mm
接口类型 (Connector)	一代 I-pex
线缆类型 (Cable type)	ϕ 1.13mm
Cable 长度 (Cable length)	305mm
环境参数(Environment Parameter)	
工作温度(Operation Temperature)	$-40^{\circ}\text{C}\sim 85^{\circ}\text{C}$
储藏温度(Storage Temperature)	$-40^{\circ}\text{C}\sim 85^{\circ}\text{C}$
盐雾测试(Salt Spray Test)	48H

2.2 S11

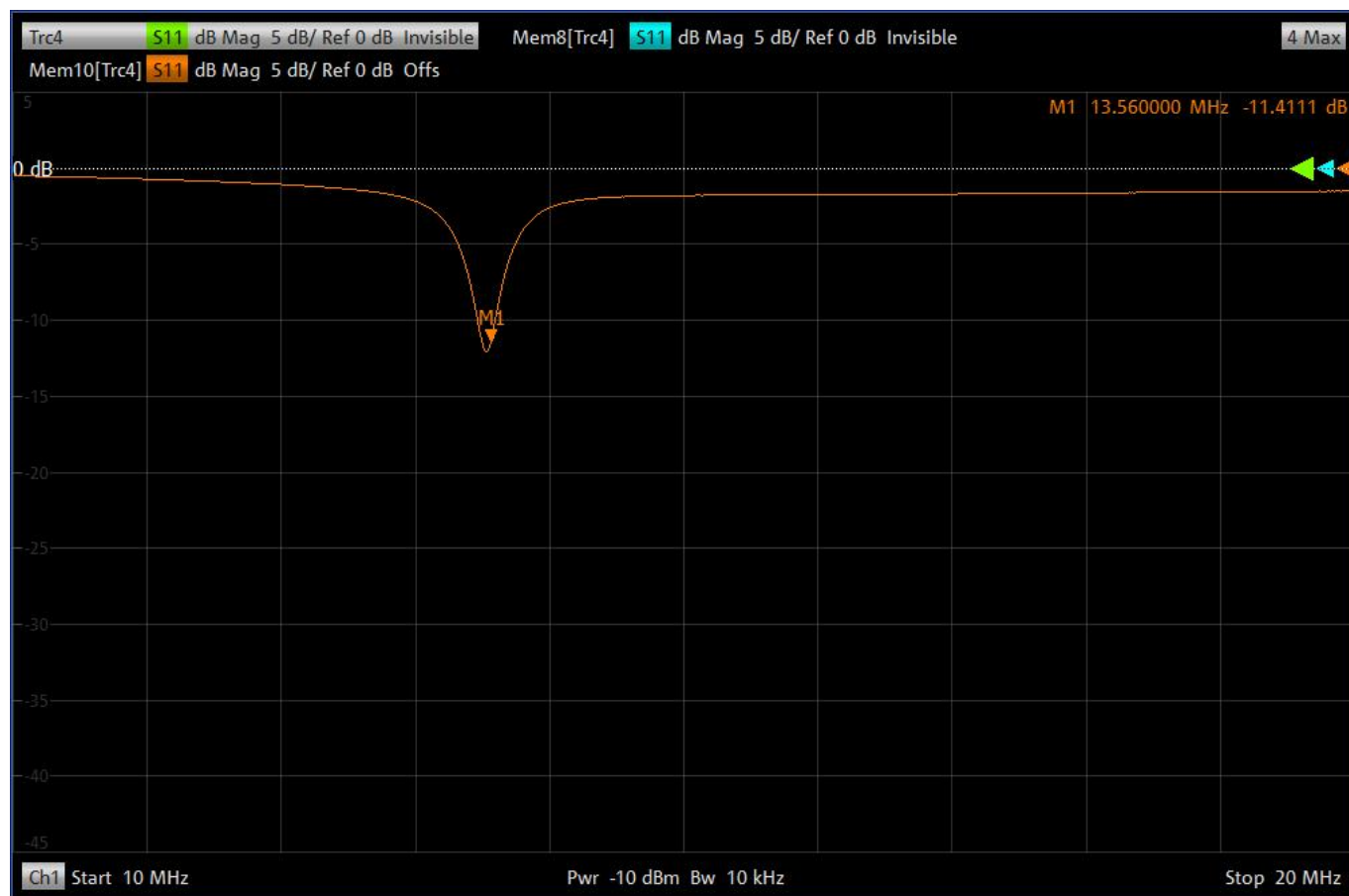


Figure 2 S11

3. Antenna drawing

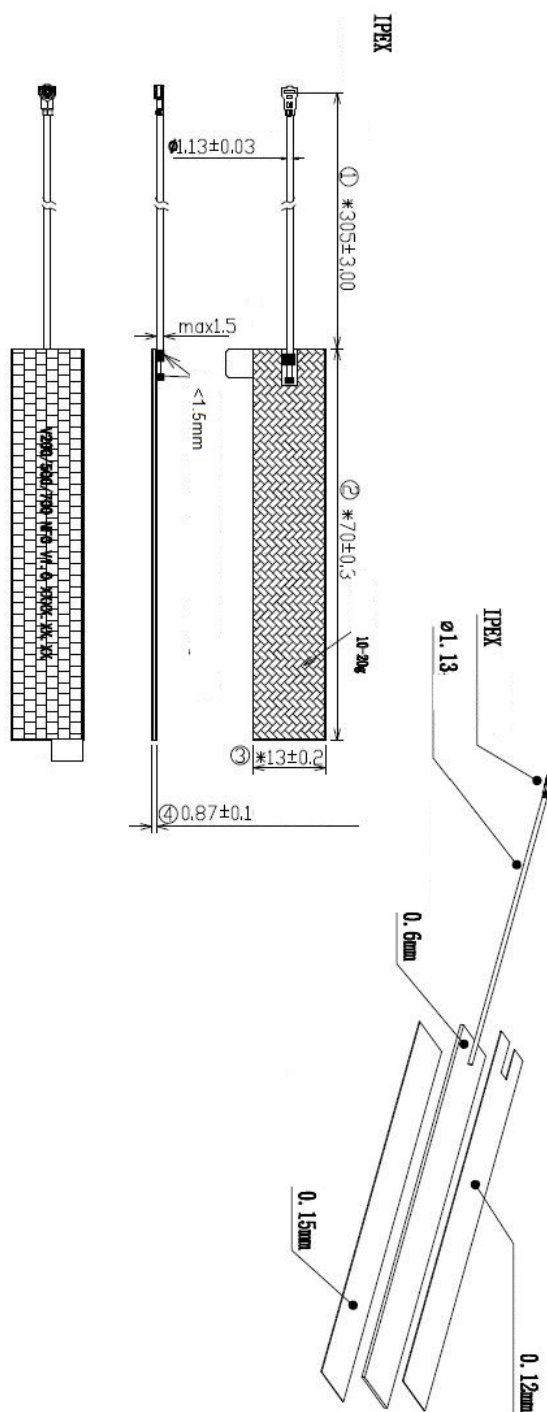


Figure 3 Antenna structure diagram