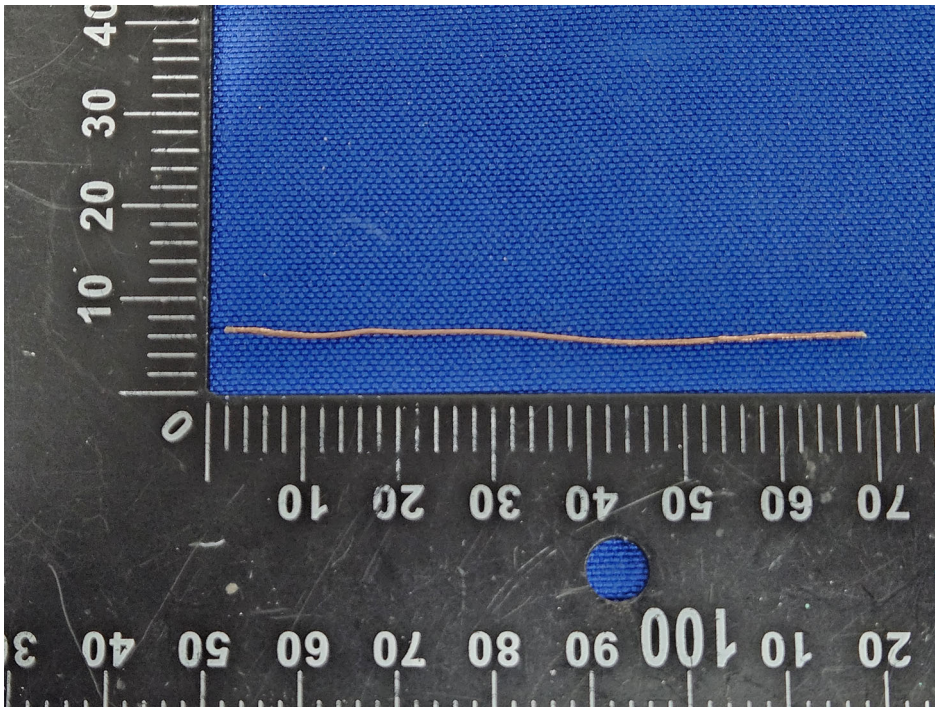

Antenna specification

1、Antenna introduction

Manufacturer: Lenze Design Inc

Address : 7th Floor,Ching Po Building,Shenzhen Special Zone Press Group,Futian District,Shenzhen

2、Antenna shape



3、Antenna parameter

The Internal antenna operates at 88.1-107.9 MHz and generates resonance in this band. The table below shows the main parameters of the antenna.

Frequency (MHz)	88.1 ~ 107.9 MHz
VSWR	≤ 1.95
Impedance	50 Ohm Nominal
Return Loss	-15 dB Max
Radiation	Omni-directional
Gain (Peak)	1.06 dBi
Polarization	Linear, Vertical
Admitted Power	1MW
Connector	Tin

4、 Antenna gain report

Spectrum Detector:

PK

Test Date :

Feb 18, 2022

Test By:

Mark

Temperature :

25°C

Test Result:

PASS

Humidity :

52 %

Modulation:

FM

Frequency VNA (MHz)	E Total. dB(dB)
88.1MHz	0.042
89.1MHz	0.081
92.1MHz	0.278
95.1MHz	0.263
98.0MHz	0.302
100.3MHz	0.072
102.6MHz	0.582
104.5MHz	0.366
105.6MHz	0.658
106.1MHz	1.056
107.9MHz	1.060