

Xiamen Hanin Electronic Technology Co., Ltd.

Specification for approval

Customer: STAR MICRONICS CO., LTD.

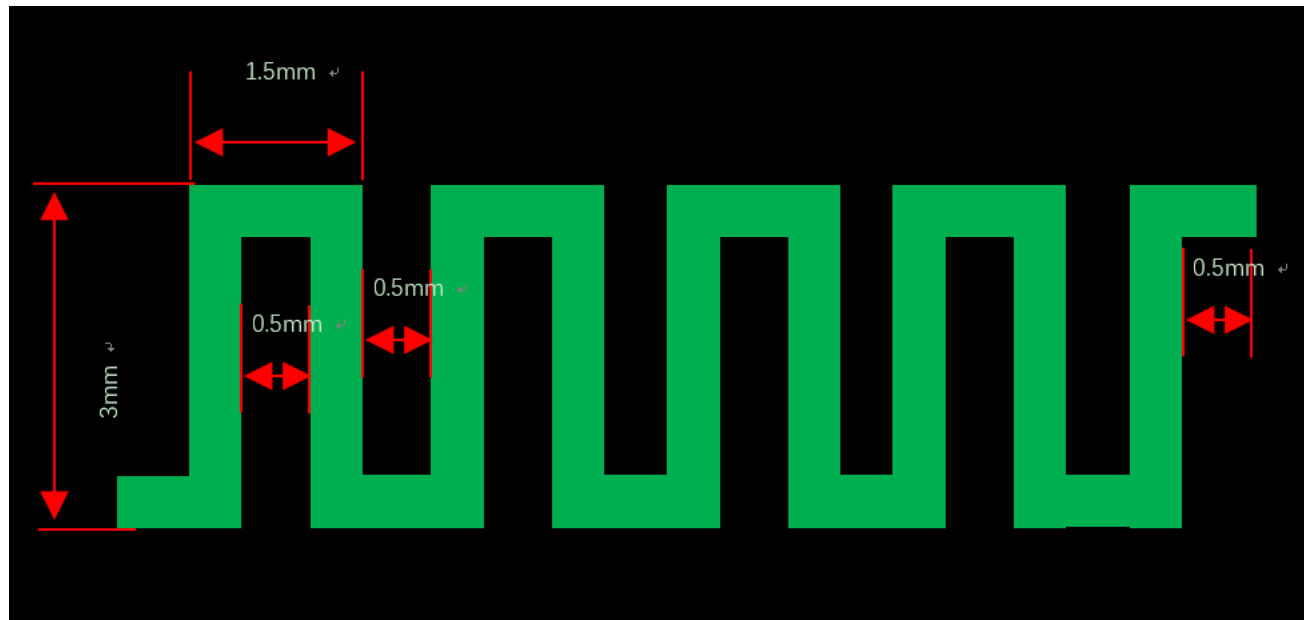
Antenna model number: ANT1211

Antenna type: PCB Antenna (Impedance 50 Ohm)

Date: 2020.08.03

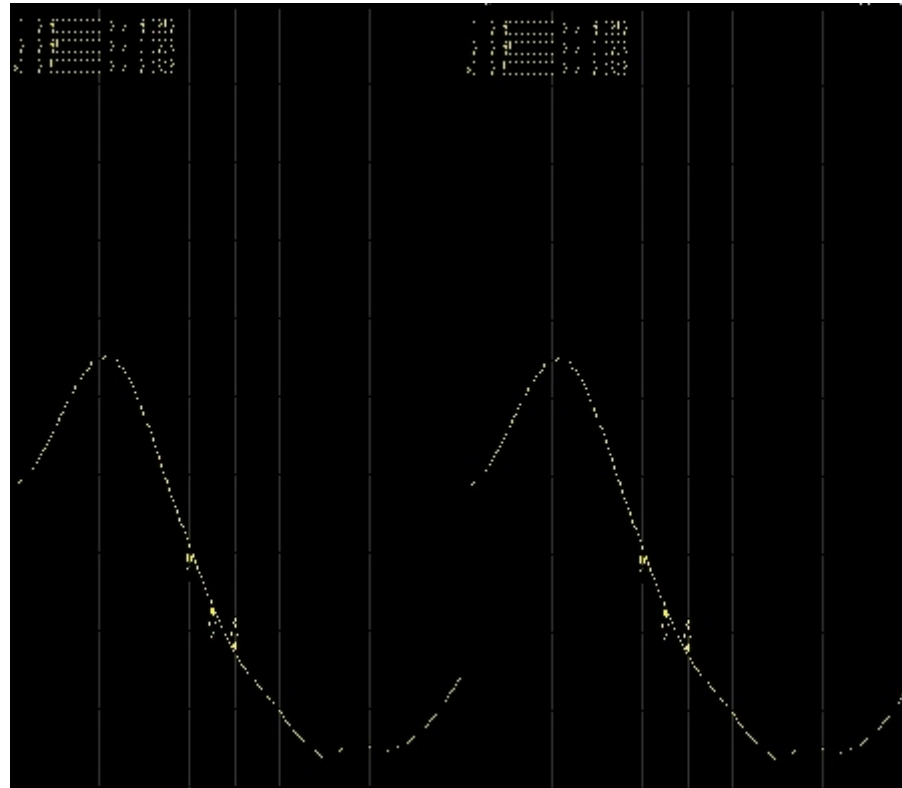
1. Product Overview & Dimension

ANT M/N: ATN1211



2. Test Result

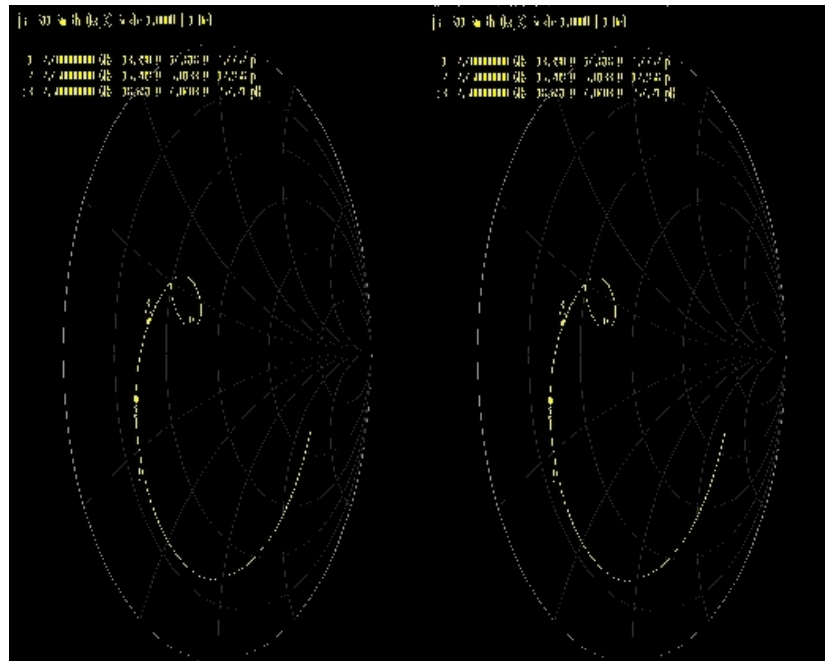
2.1 VSWR



Frequency (MHz)	2400	2450	2500
VSWR	4.08	3.32	2.69

2. Test Result

2.2 SMISH



Frequency (MHz)	2400	2450	2500
SMISH	13.39	15.20	18.68

2. Test Result

2.1 GAIN & Efficiency

Frequency(MHz)	Efficiency (%)	Average GAIN(dB)	Peak GAIN (dBi)
2400	4.33	-13.64	-0.72
2450	5.26	-12.79	0.00
2500	5.96	-12.25	-0.83

2.2 Test Plots

