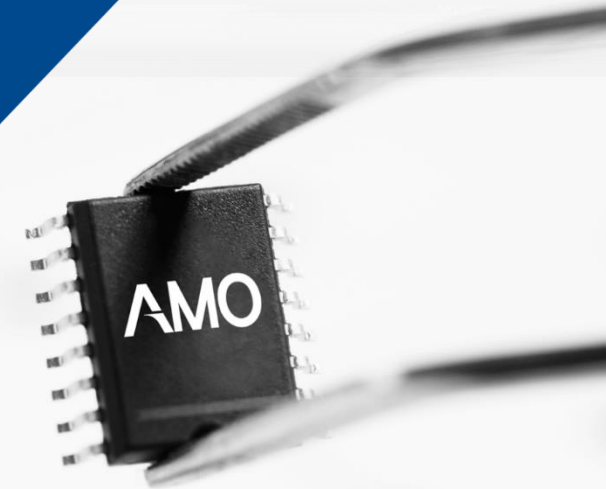


# Antenna Specification

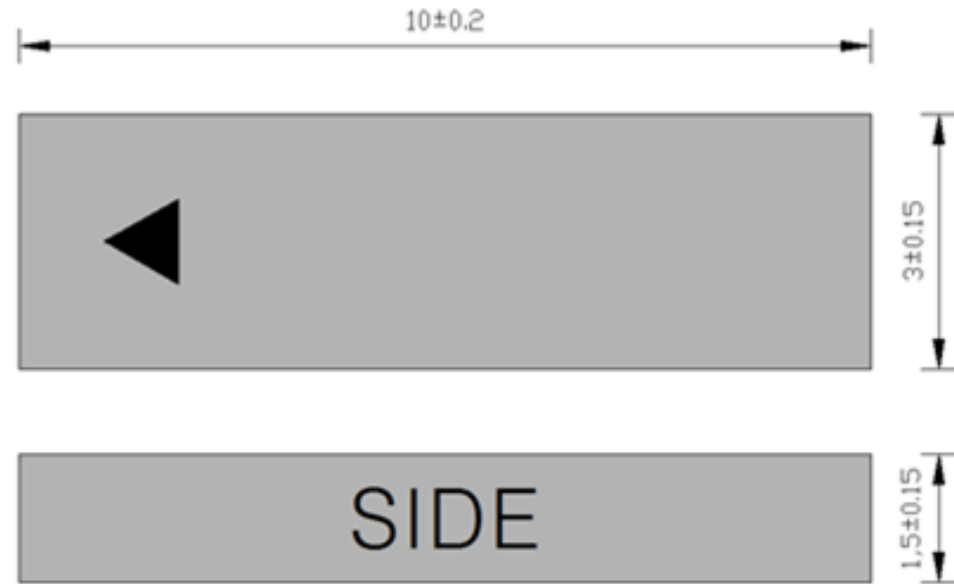
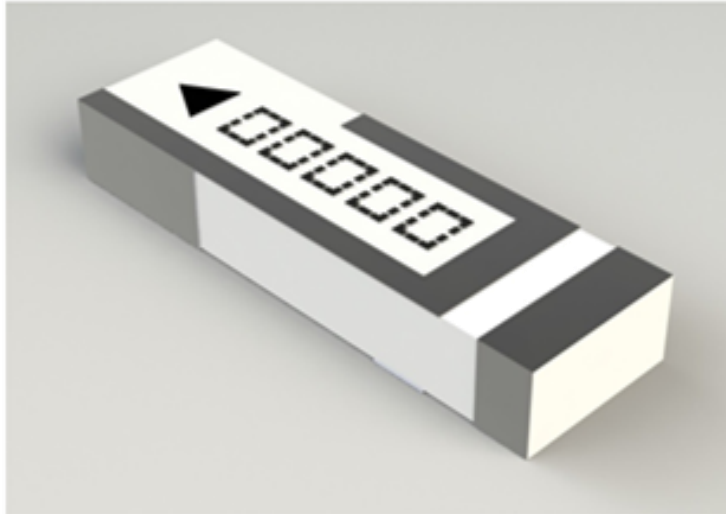
[P/N : AMAN1003015ST07]

2022.09.22



**Confidential**

# 1. Antenna Dimension

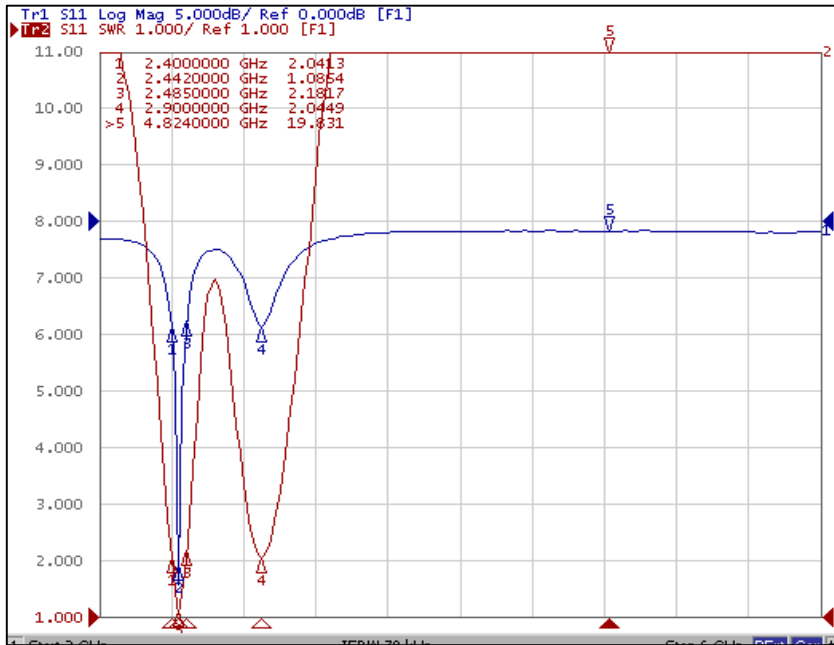


[unit : mm]

No	Item	Specification
1	Antenna Type	Chip Type
2	Dimensions (LxWxH)	10.0x3.0x1.5 mm <sup>3</sup>
3	Weight	Typical 110mg
4	Operating Temperature	-40 ~ +125 °C

## 2. Antenna Electrical Specification

### 2-1) Antenna S-parameter



Return Loss / VSWR

### 2-2) Antenna gain Table

Frequency [MHz]	Efficiency [%]	Avg. Gain [dBi]	Peak Gain [dBi]
2400	66.79	-1.75	1.06
2442	70.83	-1.50	1.57
2485	50.17	-3.00	0.20

## 2. Antenna Electrical Specification

### 2-3) Chamber & Measurement Instrument

Passive measurement chamber

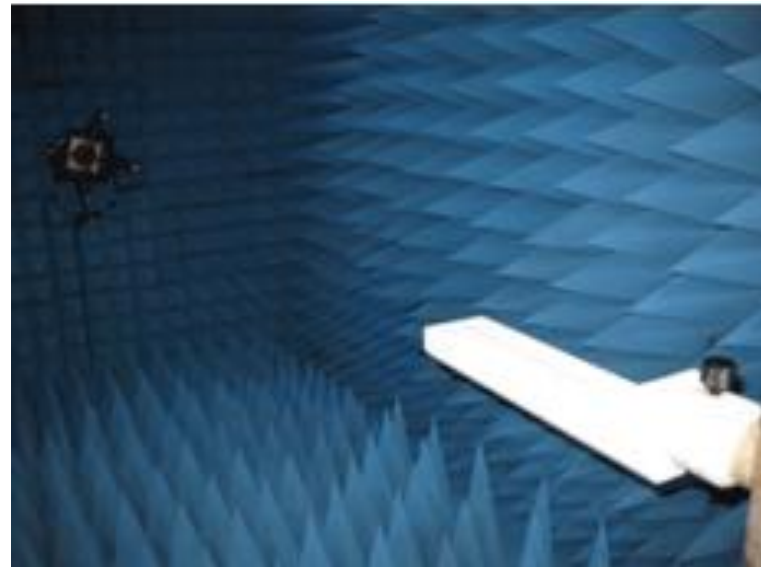
- Size : 6 \* 3 \* 3 m (MTG)
- Measuring instrument : E5071C (KESIGHT)



[E5071C]



[Passive Chamber]



## 2. Antenna Electrical Specification

### 2-4) 2D & 3D Radiation Pattern

