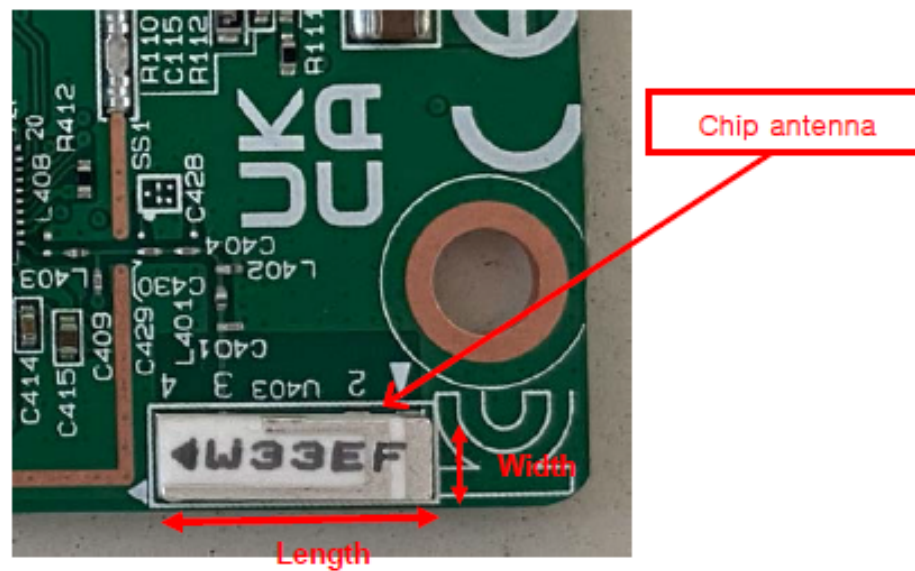


Antenna Information

Item	Contents
Antenna Type	Chip antenna
Antenna peak gain	1.57 dB i
Manufacturer / Model name	AMOTECH / AMAN1003015ST07
Address of manufacturer	380, Namdongseo-ro, Namdong-gu, Incheon, 21629, Republic of Korea
Test laboratory	AMOTECH
Antenna Length	1.0 cm
Antenna Width	0.3 cm

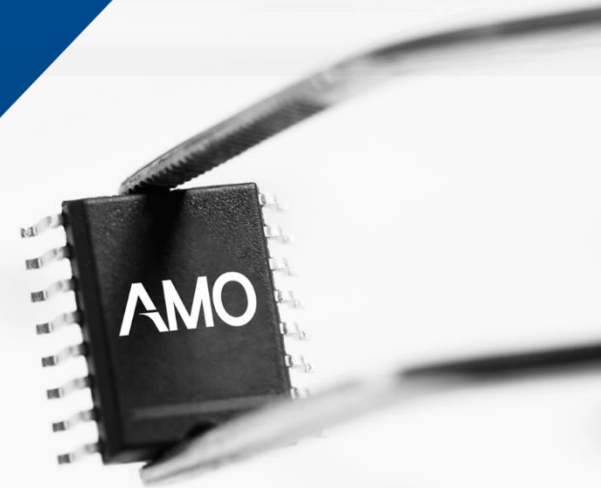


Model name: LVRF-001

Antenna Specification

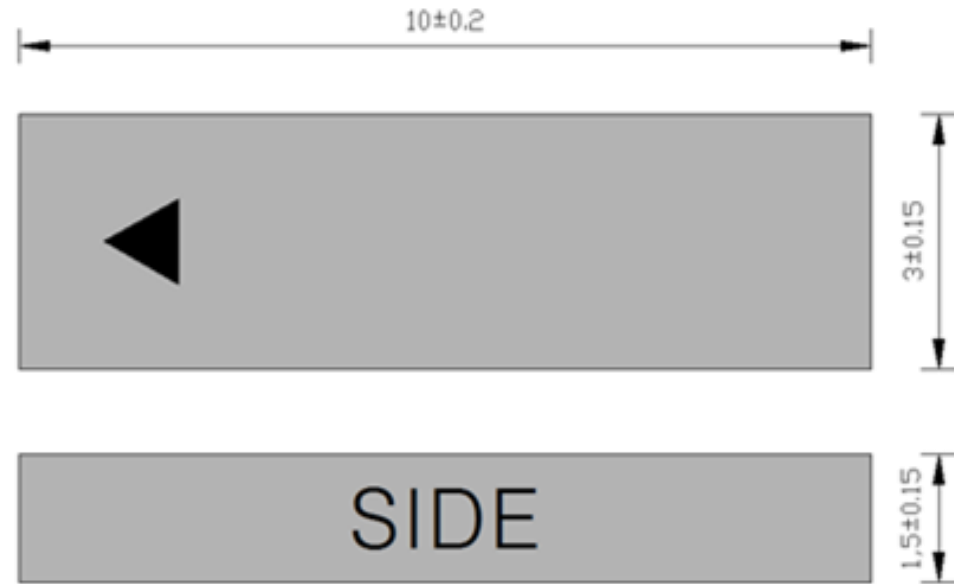
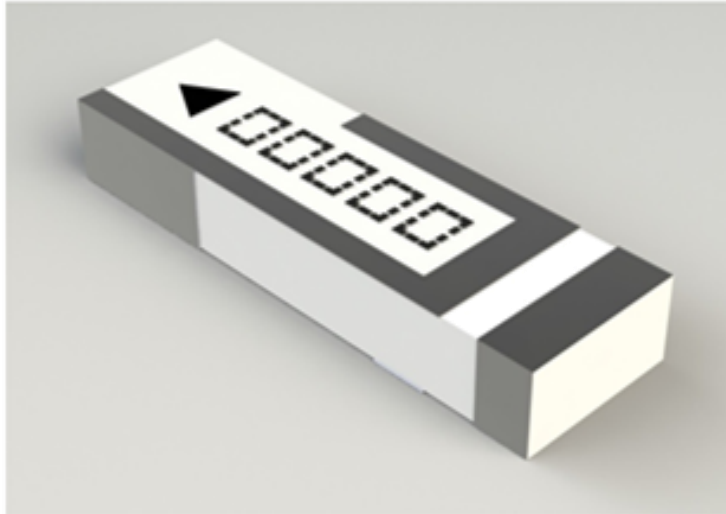
[P/N : AMAN1003015ST07]

2022.09.22



Confidential

1. Antenna Dimension

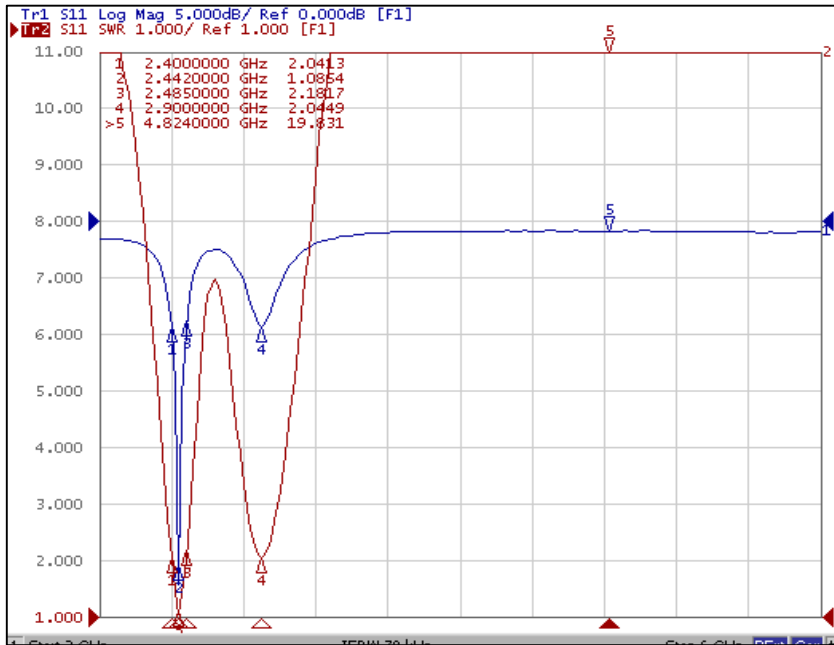


[unit : mm]

No	Item	Specification
1	Antenna Type	Chip Type
2	Dimensions (LxWxH)	$10.0 \times 3.0 \times 1.5 \text{ mm}^3$
3	Weight	Typical 110mg
4	Operating Temperature	$-40 \sim +125 \text{ }^\circ\text{C}$

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

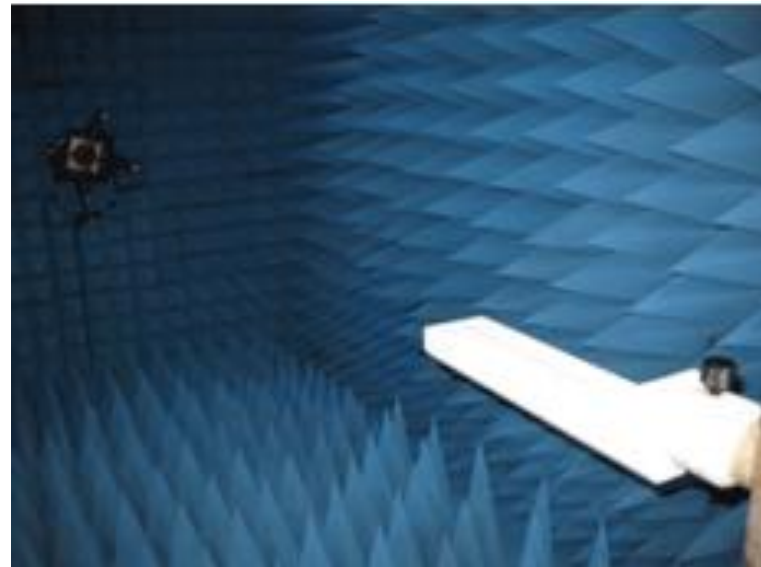
- Size : 6 * 3 * 3 m (MTG)
- Measuring instrument : E5071C (KESIGHT)



[E5071C]



[Passive Chamber]



2. Antenna Electrical Specification

2-4) 2D & 3D Radiation Pattern

