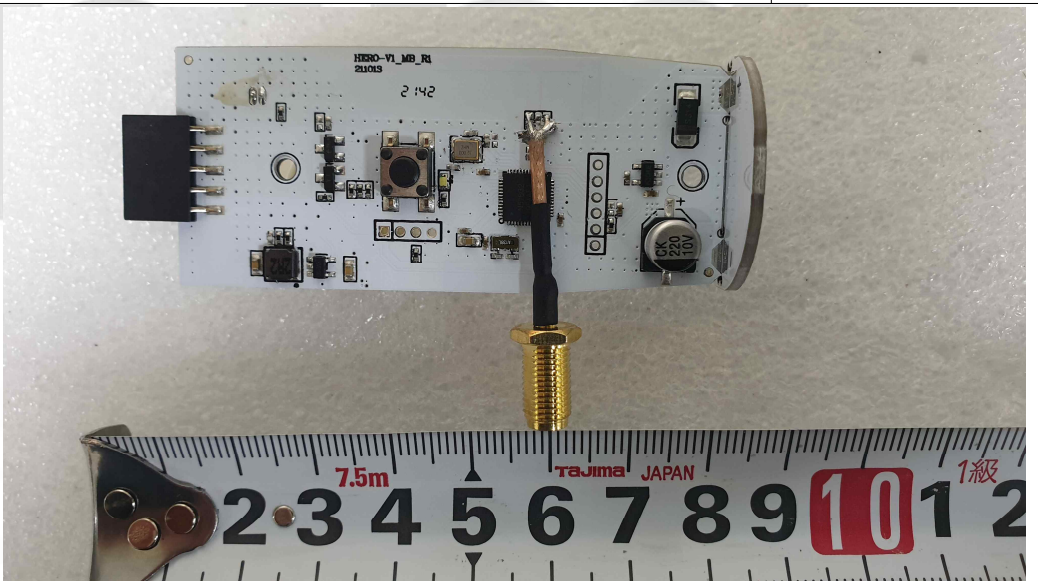


## 1. DUT information

| Items               | Specifications                                                                      | Remarks       |
|---------------------|-------------------------------------------------------------------------------------|---------------|
| Product name        | LIM YOUNG WOONG OFFICIAL LIGHT STICK                                                |               |
| Model name          | HERO-OLS01                                                                          |               |
| Serial number       | -                                                                                   |               |
| Operating Frequency | (2.4 ~ 2.5) GHz                                                                     |               |
| VSWR                | 2.0 Less Than                                                                       | Nominal Value |
| Antenna Gain        | -2.0 dBi(@ 2.45 GHz)                                                                |               |
| Polarization        | Linear                                                                              |               |
| Size                | (72 x 31 x 30) mm                                                                   | L x W x T     |
| Photograph          |  |               |

※ The above DUT information was provided by the applicant of the test.

## 2. Test information

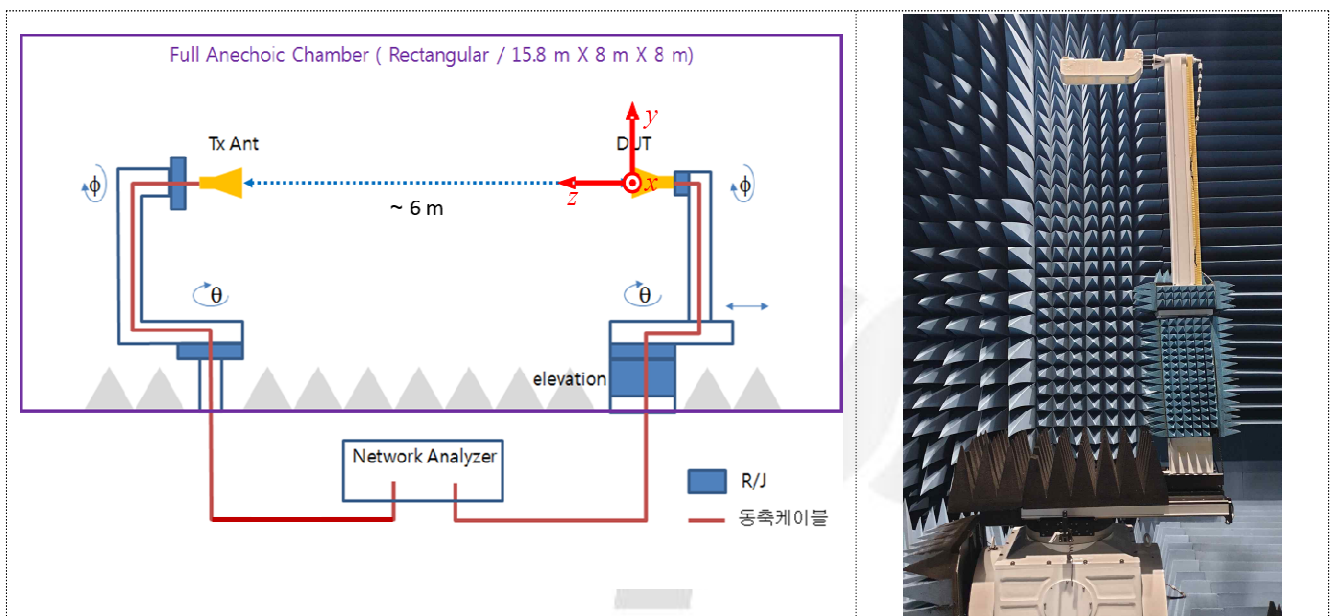
### A. Equipments

| No. | Equipments                 | Manufacturer     | Model         | S/N    |
|-----|----------------------------|------------------|---------------|--------|
| 1   | ZNA Network Analyzer       | ROHDE & SCHWARZ  | ZNA26         | 101268 |
| 2   | Quad-ridged Horn           | MTG              | QRH004060     | -      |
| 3   | Double Ridged Horn Antenna | Schwarzbeck Mess | BBHA 9120 LFA | 253    |

## B. Environment

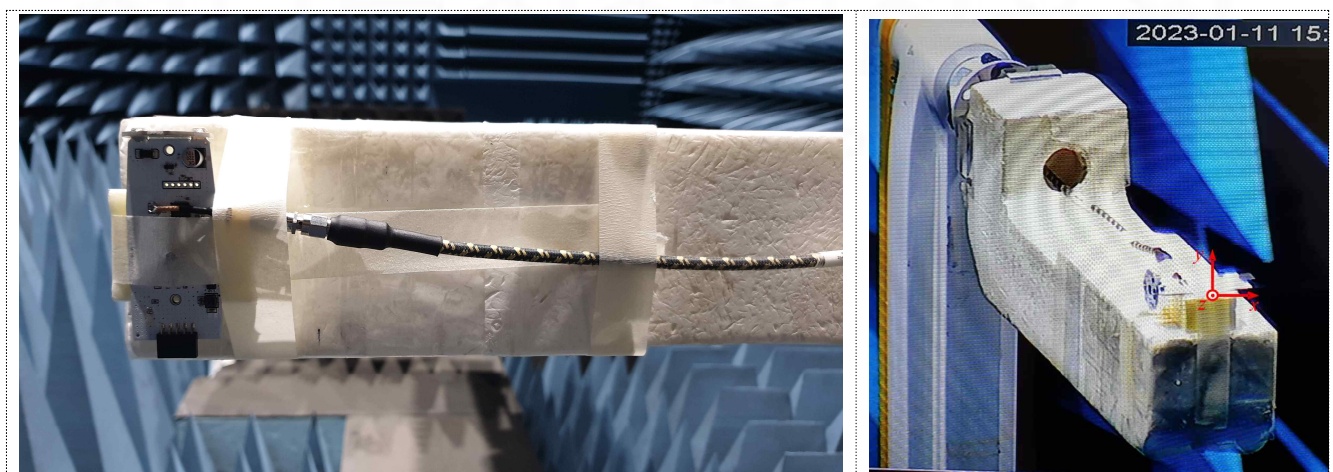
| Date of test  | Temperature                 | Humidity                     |
|---------------|-----------------------------|------------------------------|
| 2023. 01. 11. | $(22 \pm 1) ^\circ\text{C}$ | $(36 \pm 3) \% \text{ R.H.}$ |

## C. Configuration



< Test configuration >

< Test layout >



< DUT layout >

< Orientation >

## D. Test method: Gain-Transfer Measurements

\* Refer to the ANSI/IEEE Std 149-1979 IEEE Standard Test Procedures for Antennas