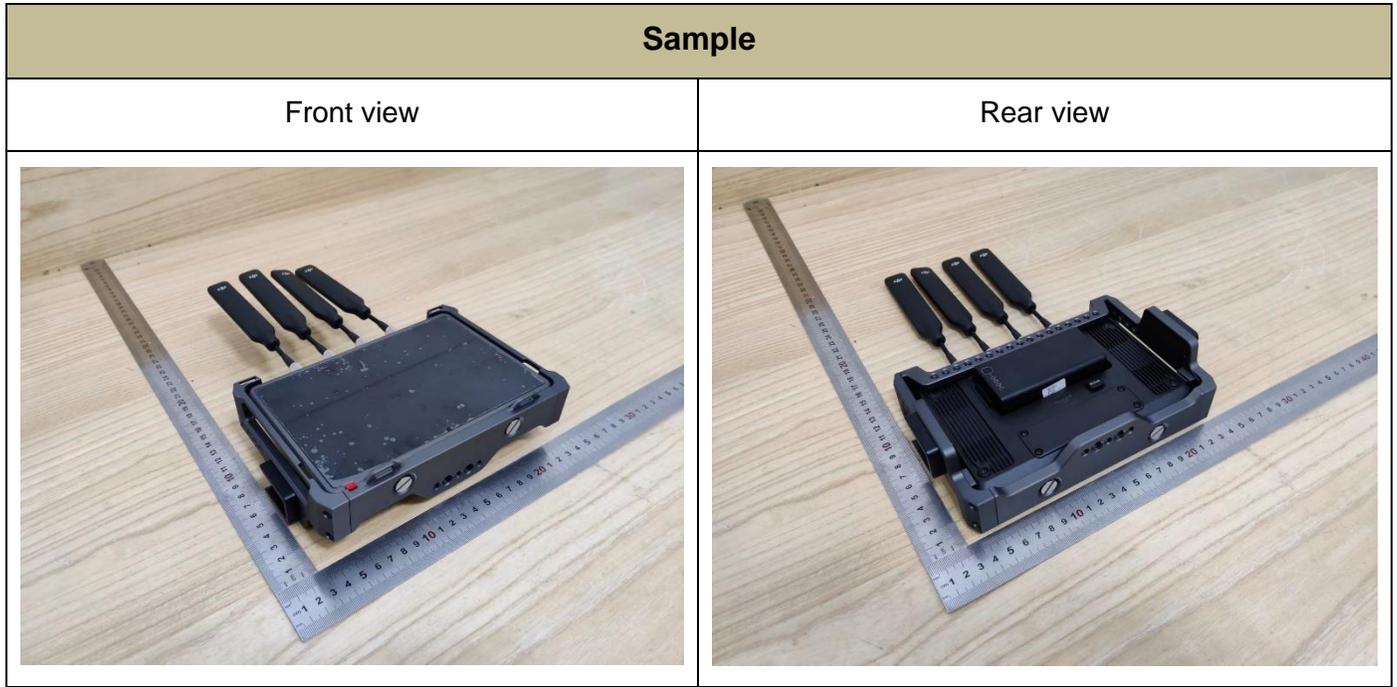


## Appendix A

# Photo

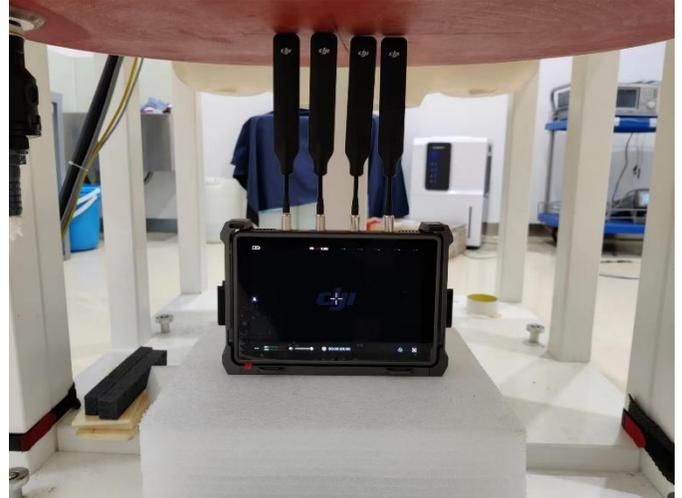


# Test position

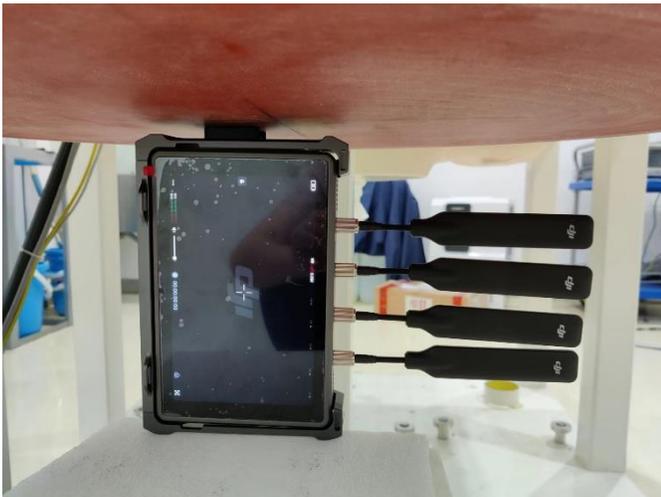
Back side (0mm)



Top surface(0mm)



Left side(0mm)

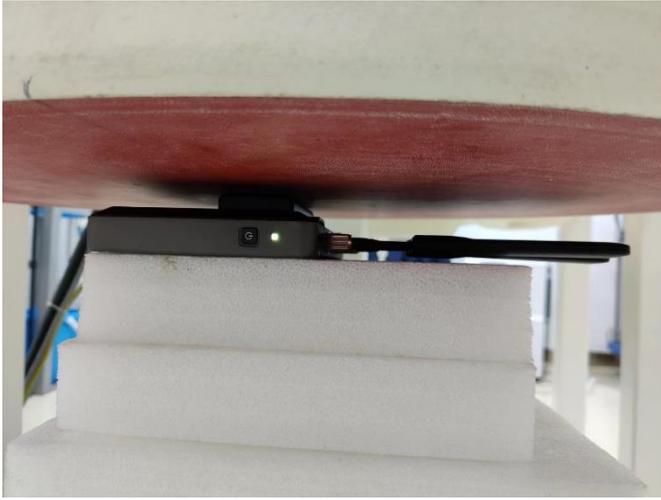


Right side(0mm)



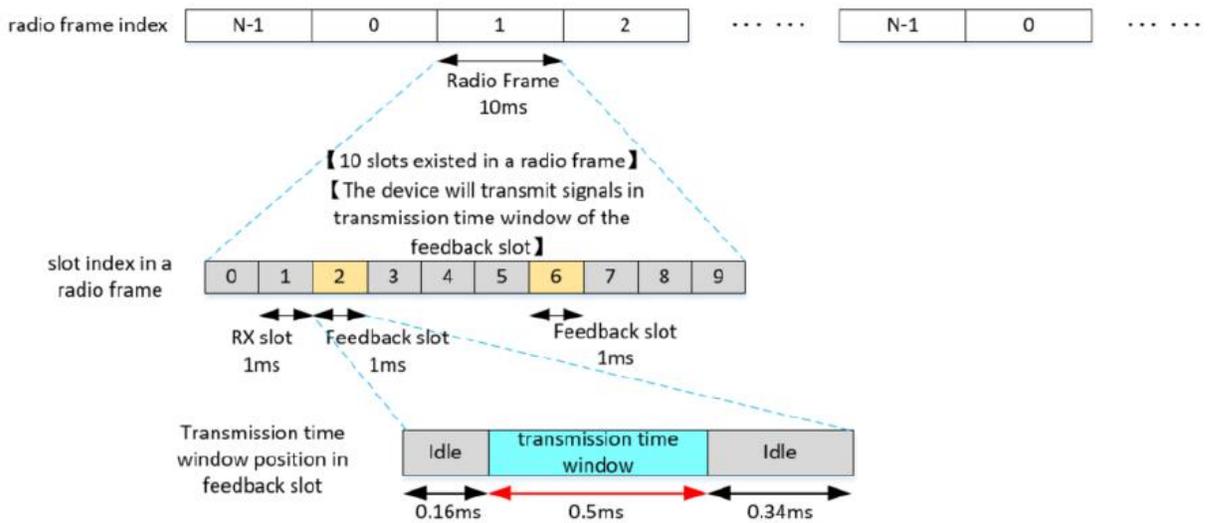
Back Side with protrusions removed(0mm)

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Operation description of Low Duty Cycle



Legend

- 10ms Radio Frame
- Feedback slot
- RX slot
- Transmission time window

Transmitting and receiving sequence diagram:

1. the transmitted signals are OFDM modulated symbols.
2. the duty cycle  $\approx 10\%$  ( $2 \times 0.5\text{ms}$  in every 10ms).
3. transmit time window lengths are fixed to 0.5ms.
4. if the data needs to be retransmitted, it will be retransmitted in the next transmission time window, and will not be transmitted in the receiving slot and idle time