

## 13. FREQUENCY SEPARATION

### 13.1. MEASUREMENT PROCEDURE

The EUT shall have its hopping function enabled. Use the following spectrum analyzer settings:

1. Span: Wide enough to capture the peaks of two adjacent channels.
2. RBW: Start with the RBW set to approximately 30% of the channel spacing; adjust as necessary to best identify the center of each individual channel.
3. Video (or average) bandwidth (VBW)  $\geq$  RBW.
4. Sweep: Auto. e) Detector function: Peak. f) Trace: Max hold. g) Allow the trace to stabilize.

Use the marker-delta function to determine the separation between the peaks of the adjacent channels.

### 13.2. TEST SETUP (BLOCK DIAGRAM OF CONFIGURATION)

Same as described in section 6.2

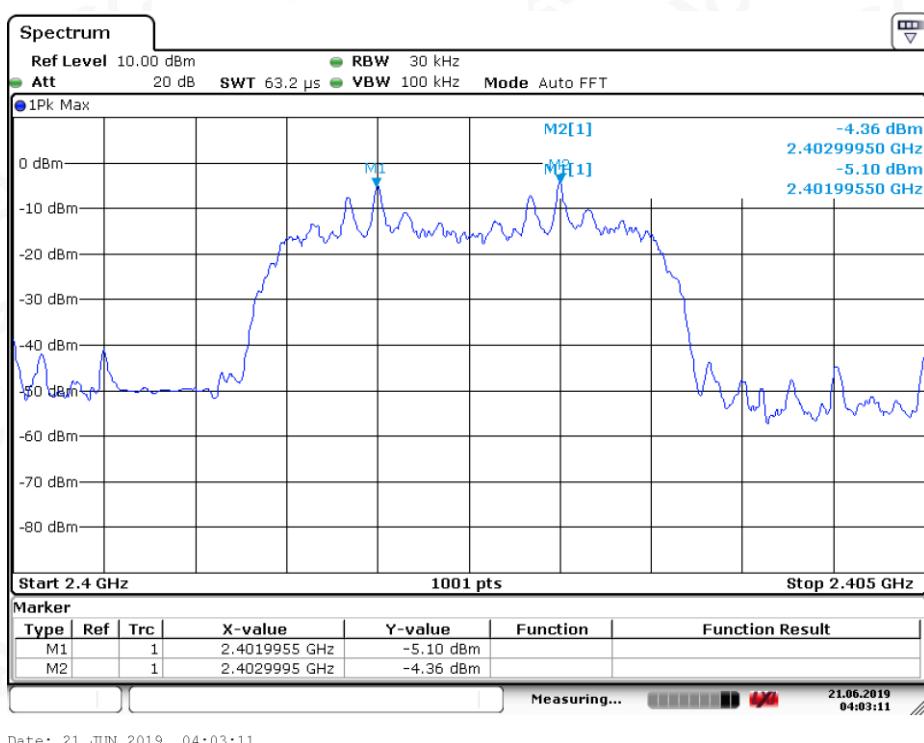
### 13.3. MEASUREMENT EQUIPMENT USED

The same as described in section 6.3

### 13.4. LIMITS AND MEASUREMENT RESULT

CHANNEL	CHANNEL SEPARATION	LIMIT	RESULT
	KHz	KHz	
CH01-CH02	1004	$\geq 25$ KHz or 2/3 20 dB BW	Pass

TEST PLOT FOR FREQUENCY SEPARATION



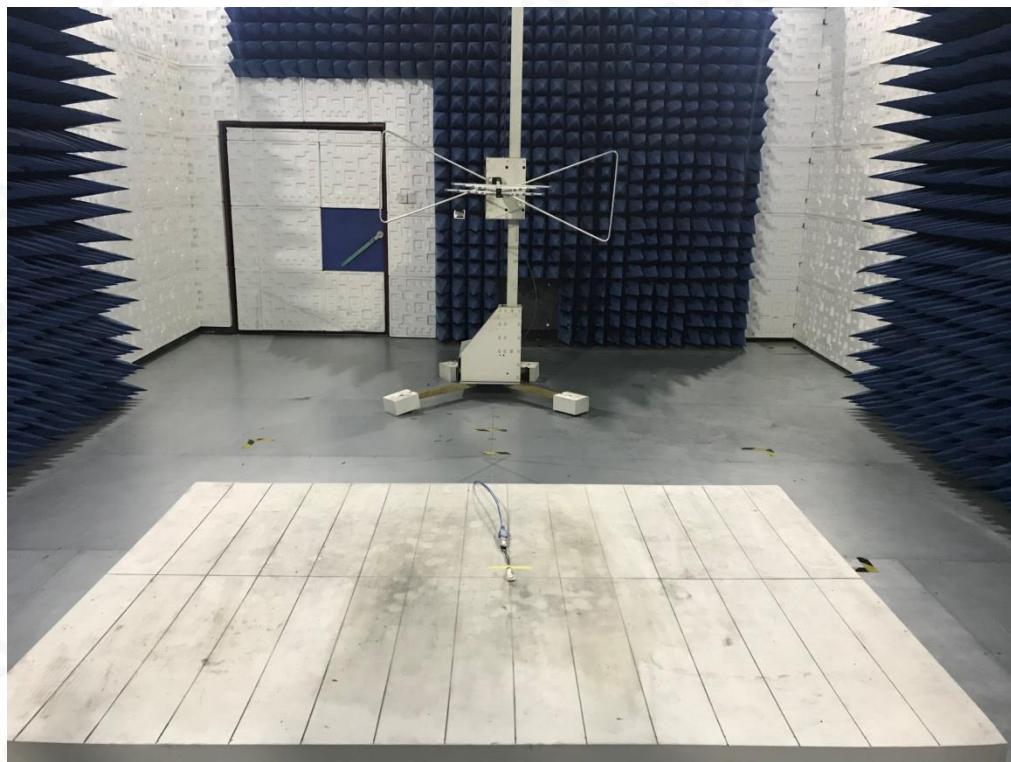
Note: The  $\pi/4$ DQPSK modulation is the worst case and recorded in the report.



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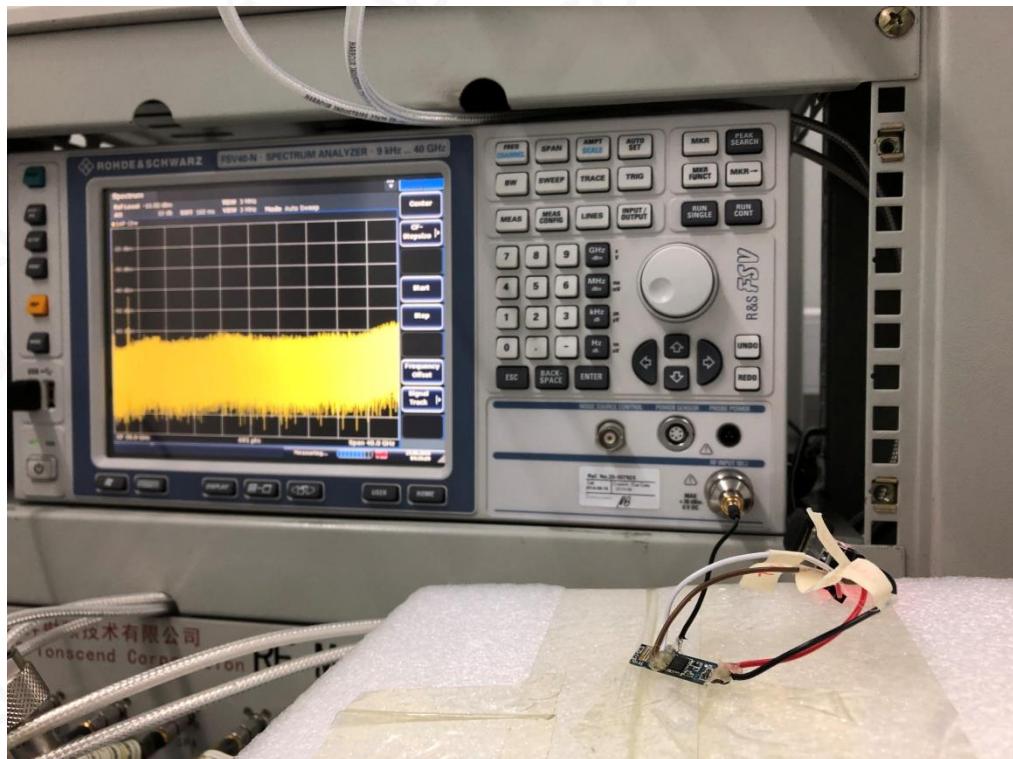
**APPENDIX A: PHOTOGRAPHS OF TEST SETUP****RADIATED EMISSION TEST SETUP BELOW 1GHZ****RADIATED EMISSION TEST SETUP ABOVE 1GHZ**

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## CONDUCTED TEST SETUP



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**APPENDIX B: PHOTOGRAPHS OF EUT**  
**ALL VIEW OF EUT****RIGHT EARPHONE**  
**TOP VIEW OF EUT**

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## BOTTOM VIEW OF EUT



## FRONT VIEW OF EUT

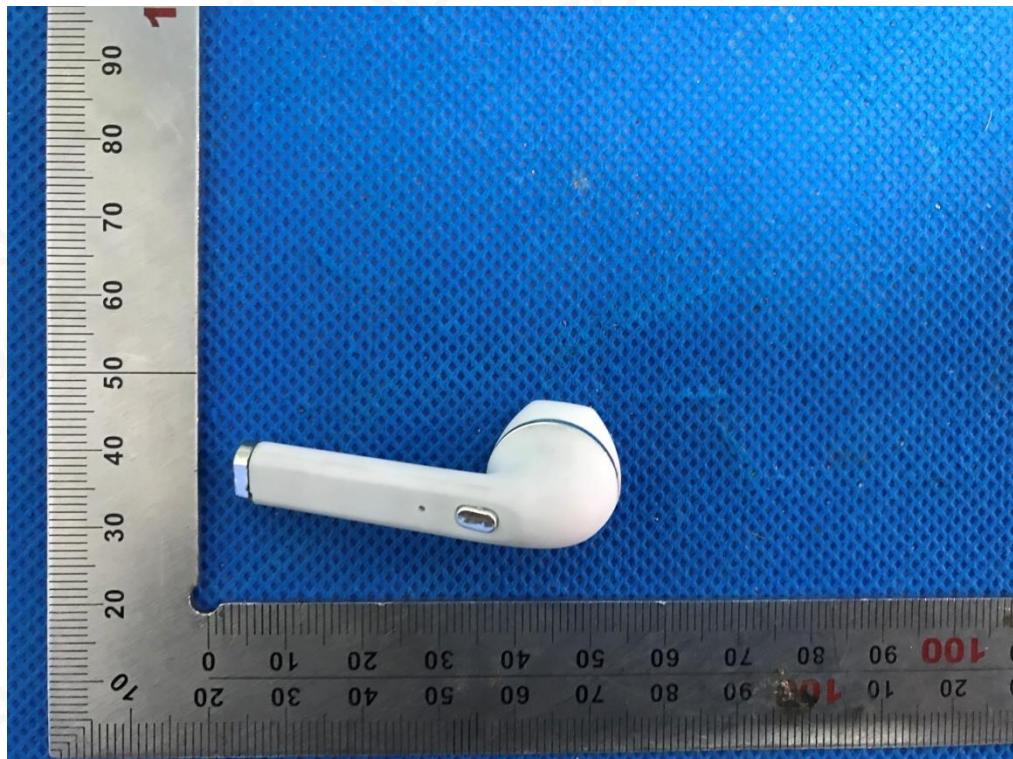


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BACK VIEW OF EUT



LEFT VIEW OF EUT

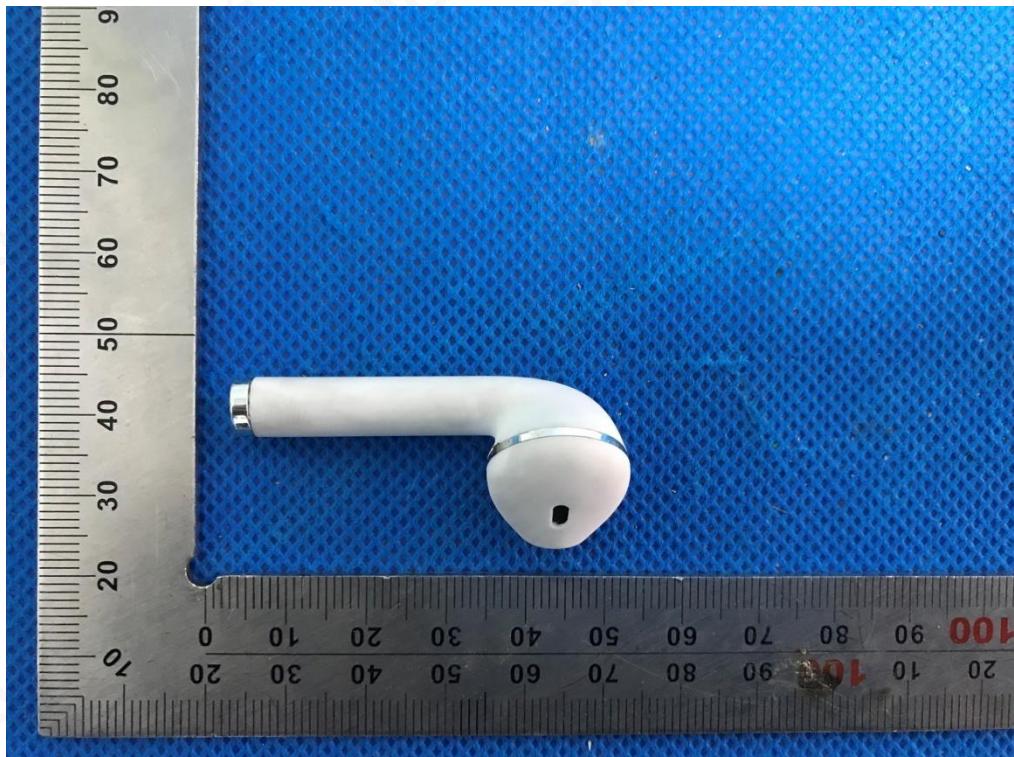


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## RIGHT VIEW OF EUT



## OPEN VIEW OF EUT

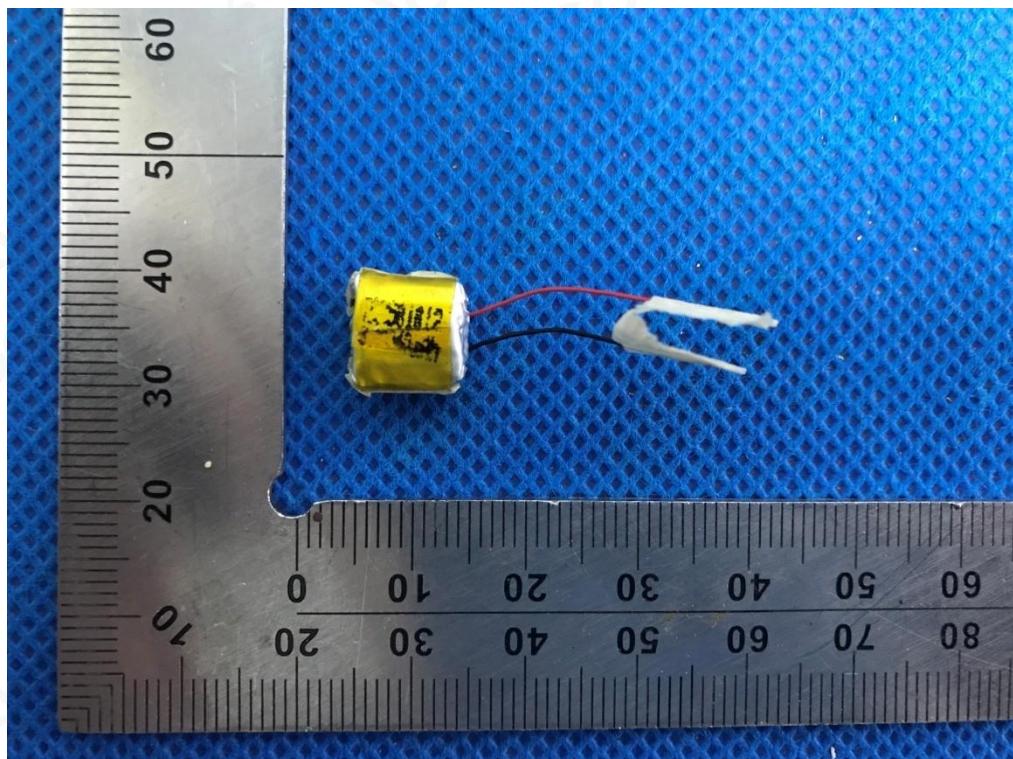


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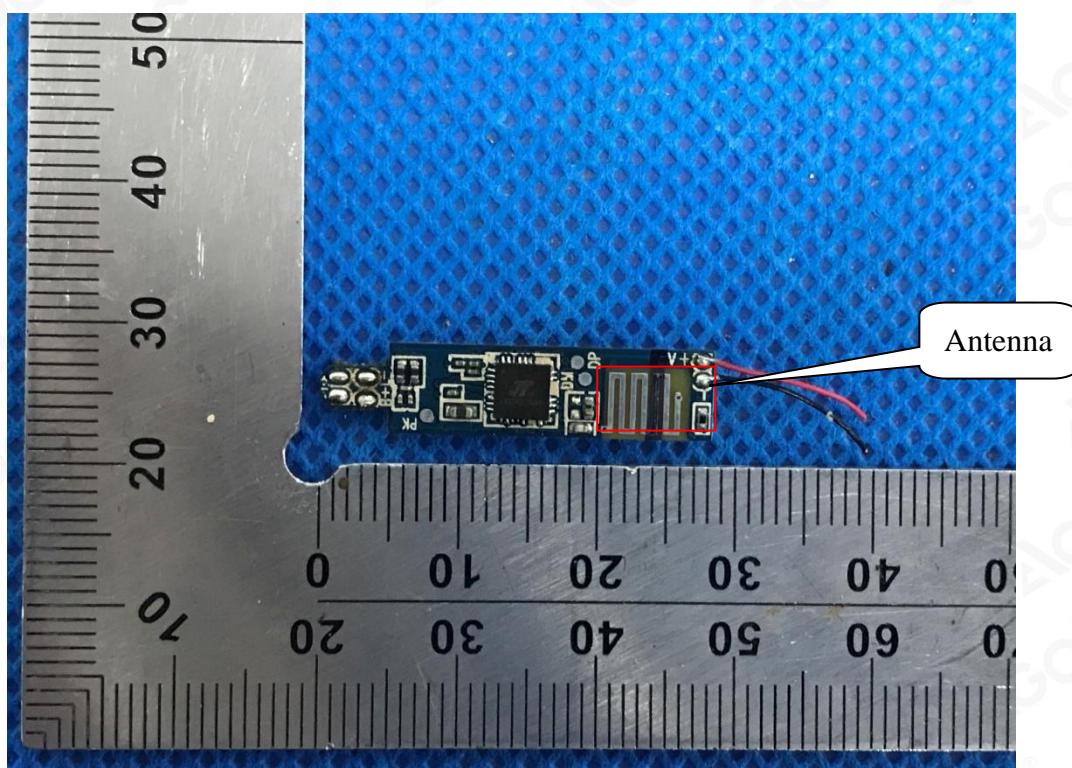
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## BATTERY OF EUT



INTERNAL VIEW OF EUT-1

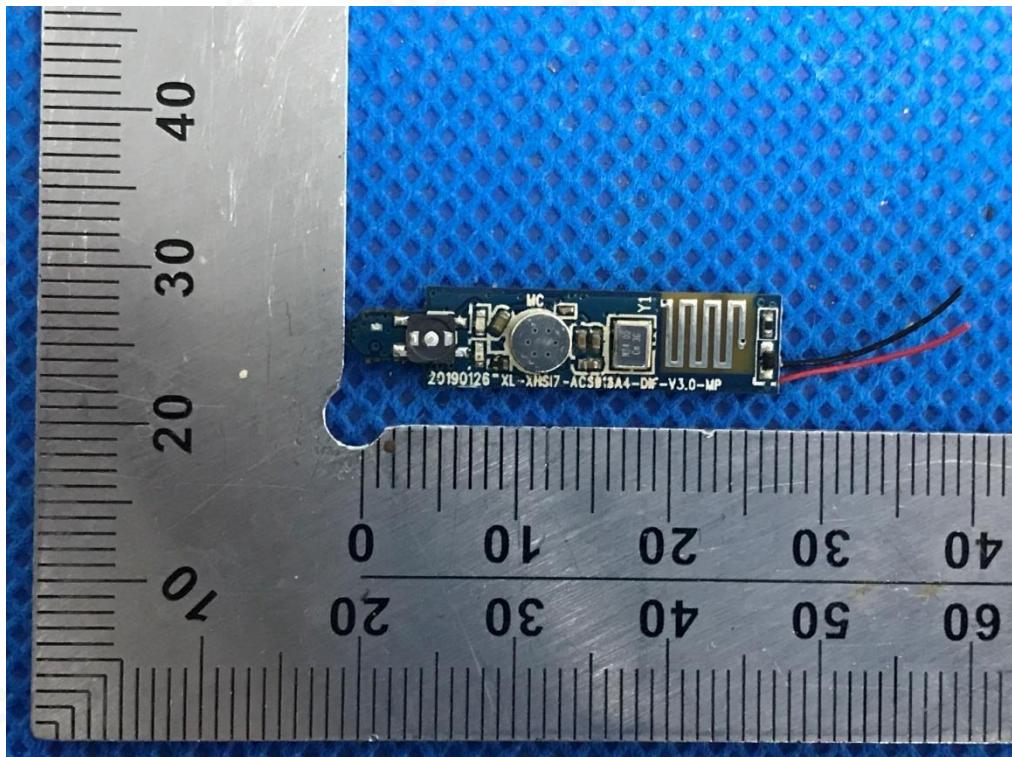


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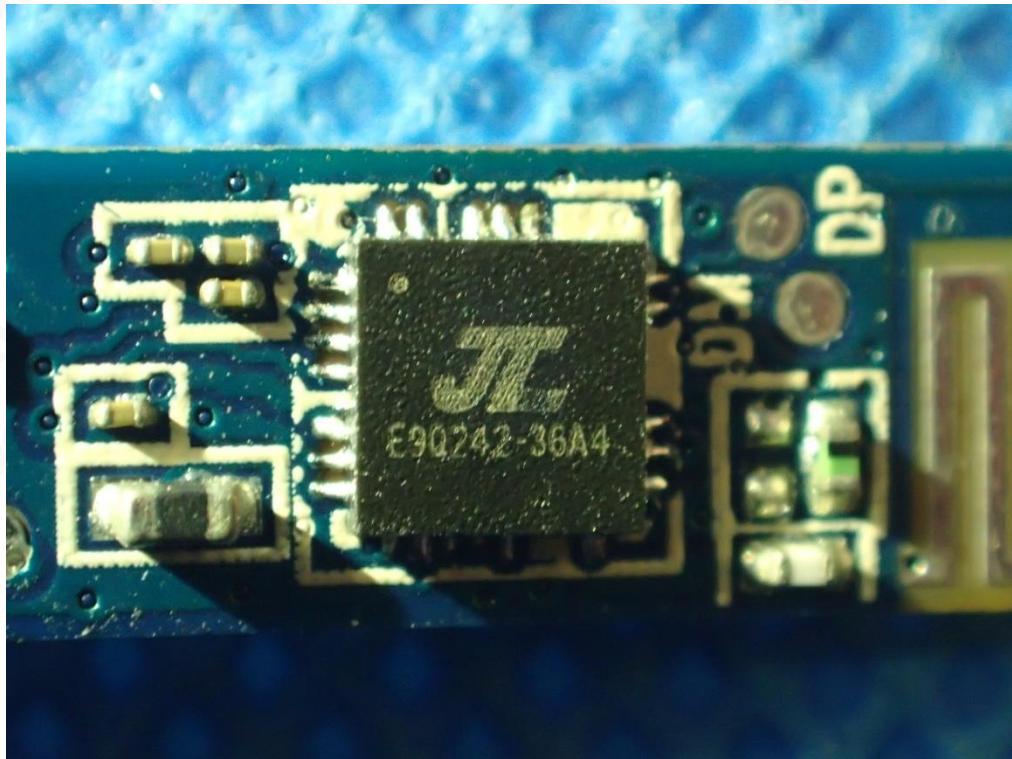
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## INTERNAL VIEW OF EUT-2



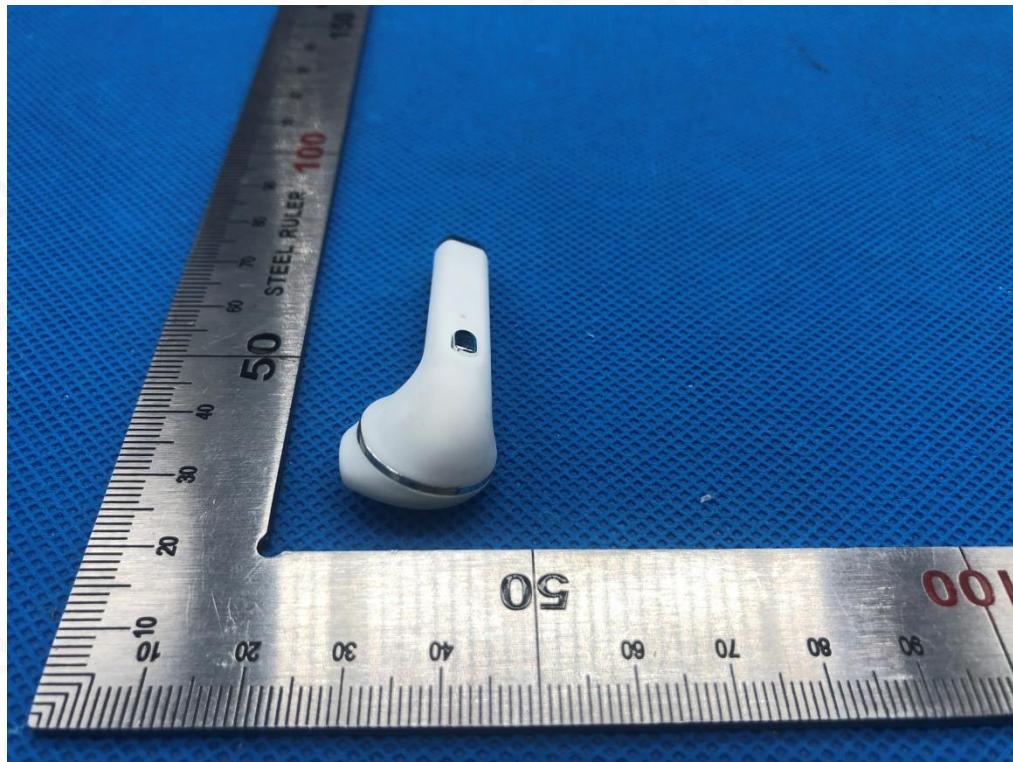
## INTERNAL VIEW OF EUT-3



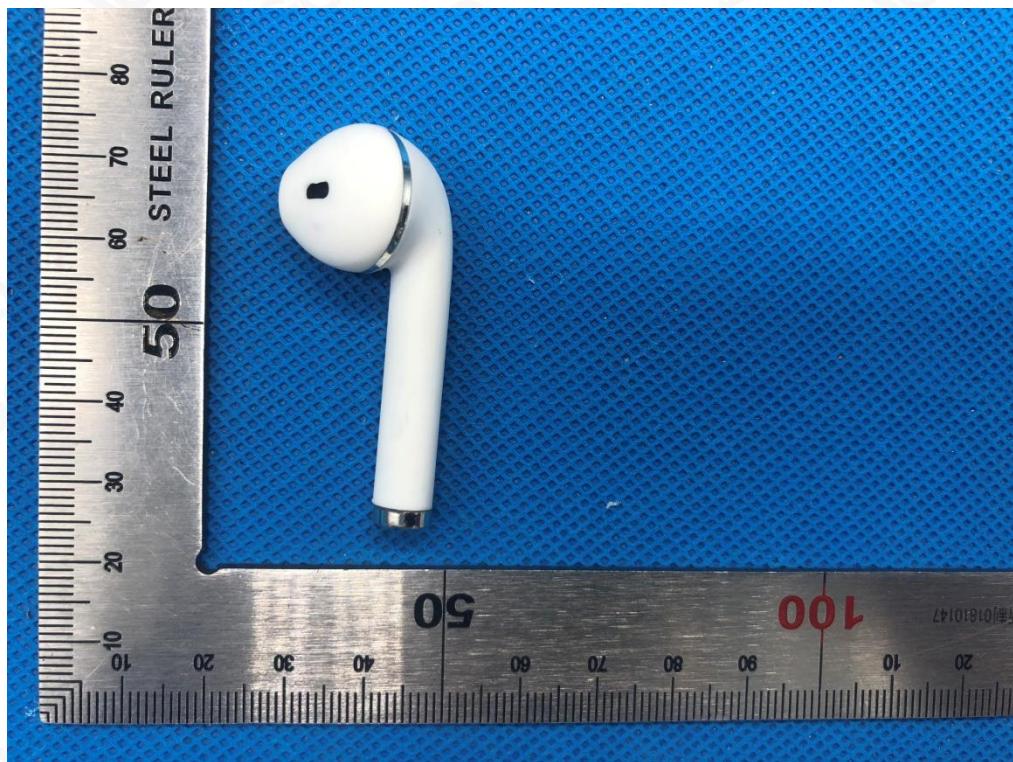
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LEFT EARPHONE  
TOP VIEW OF EUT

BOTTOM VIEW OF EUT

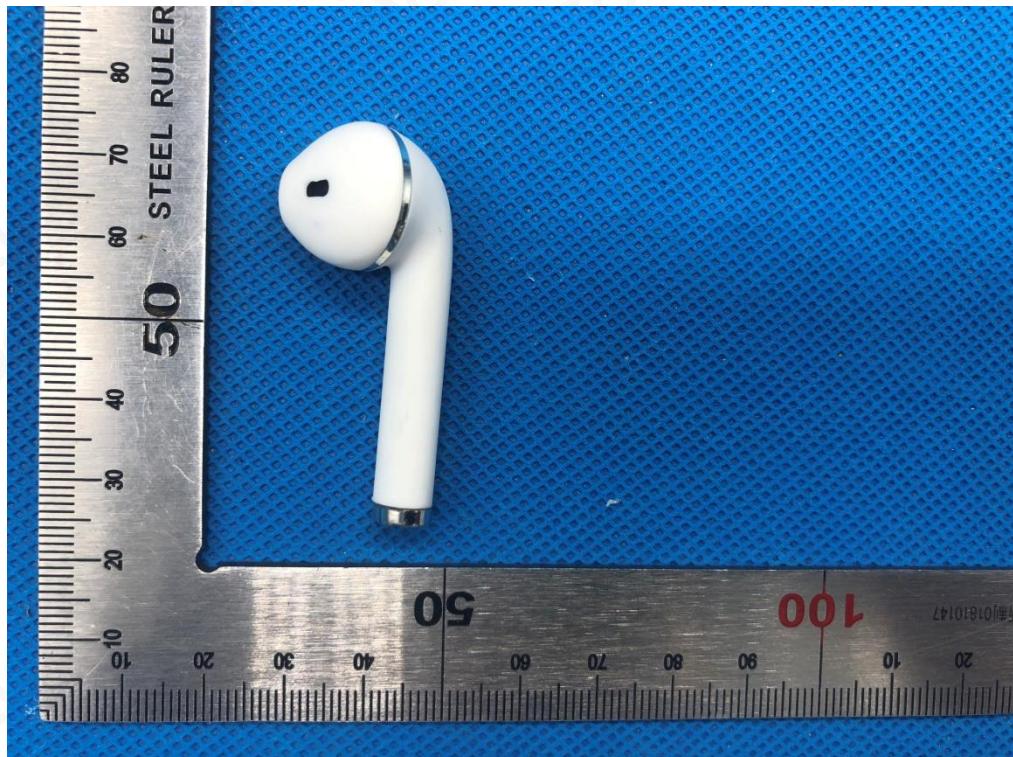


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FRONT VIEW OF EUT



BACK VIEW OF EUT



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LEFT VIEW OF EUT



RIGHT VIEW OF EUT

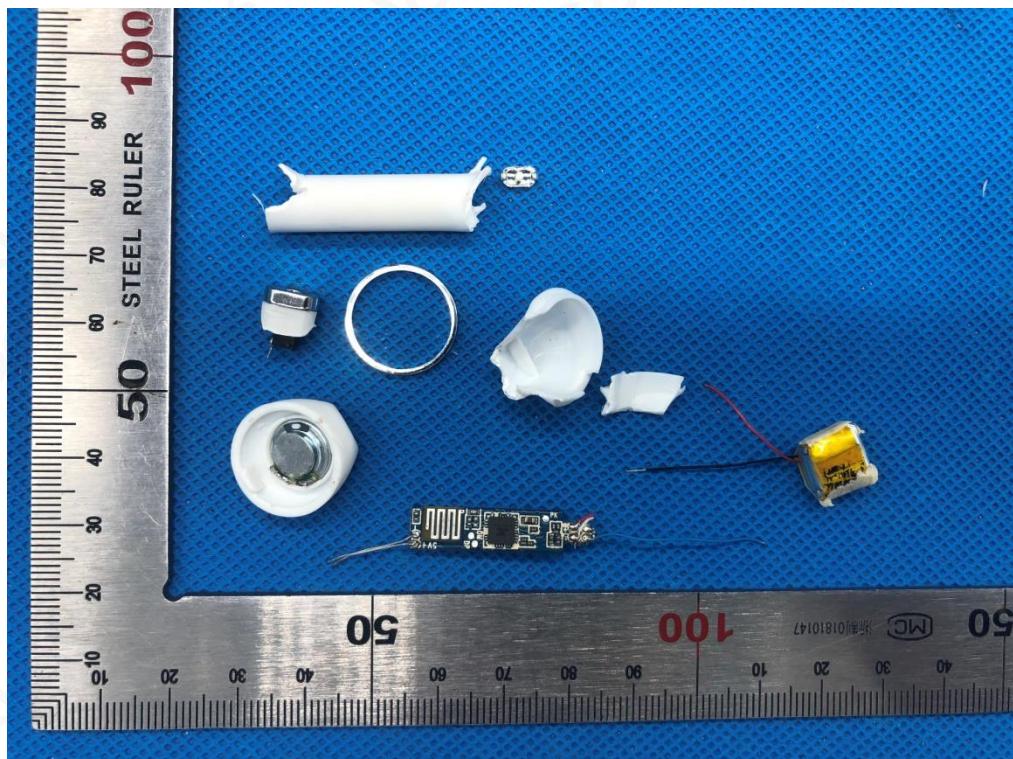


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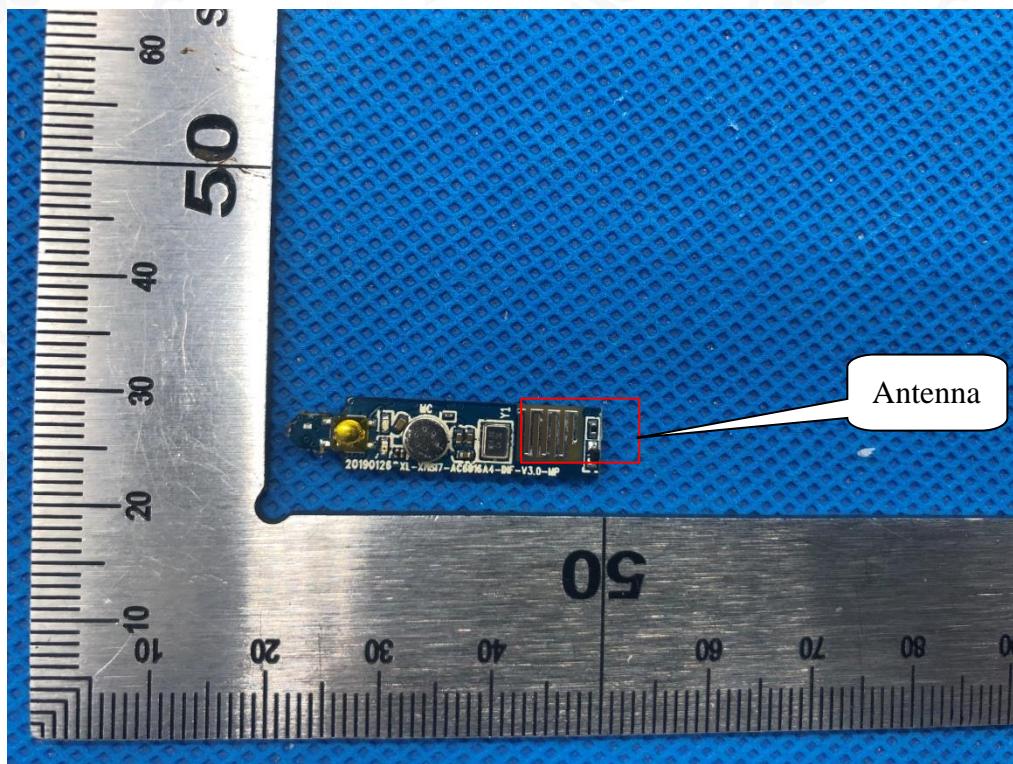
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## OPEN VIEW OF EUT



## INTERNAL VIEW OF EUT-1

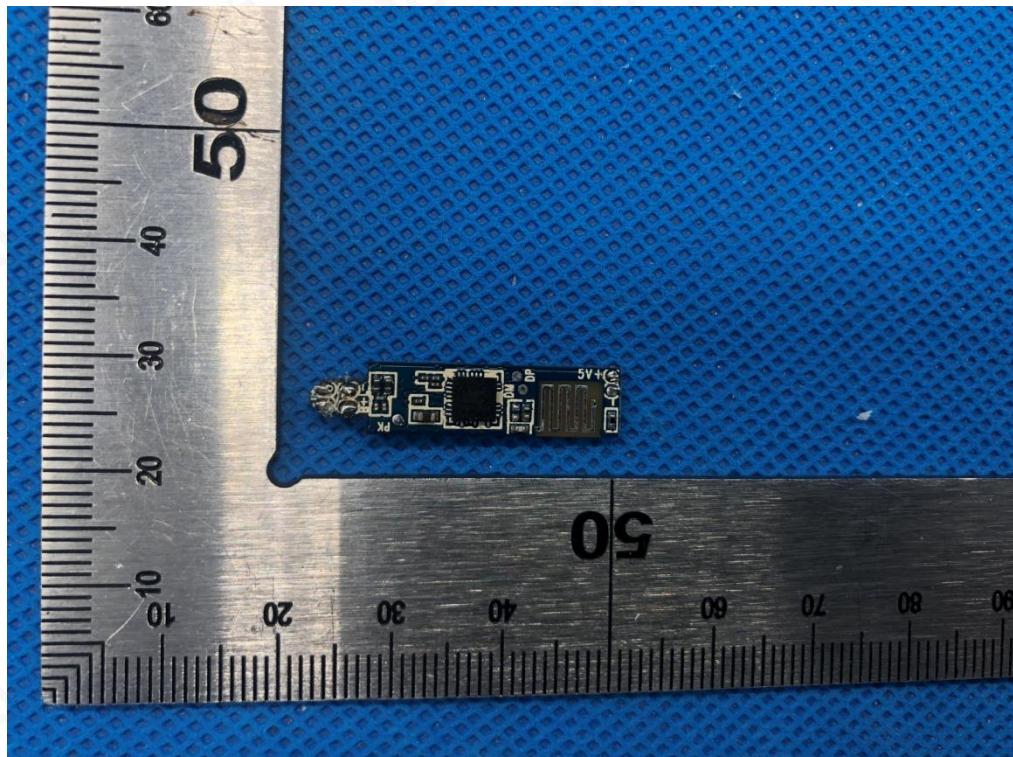


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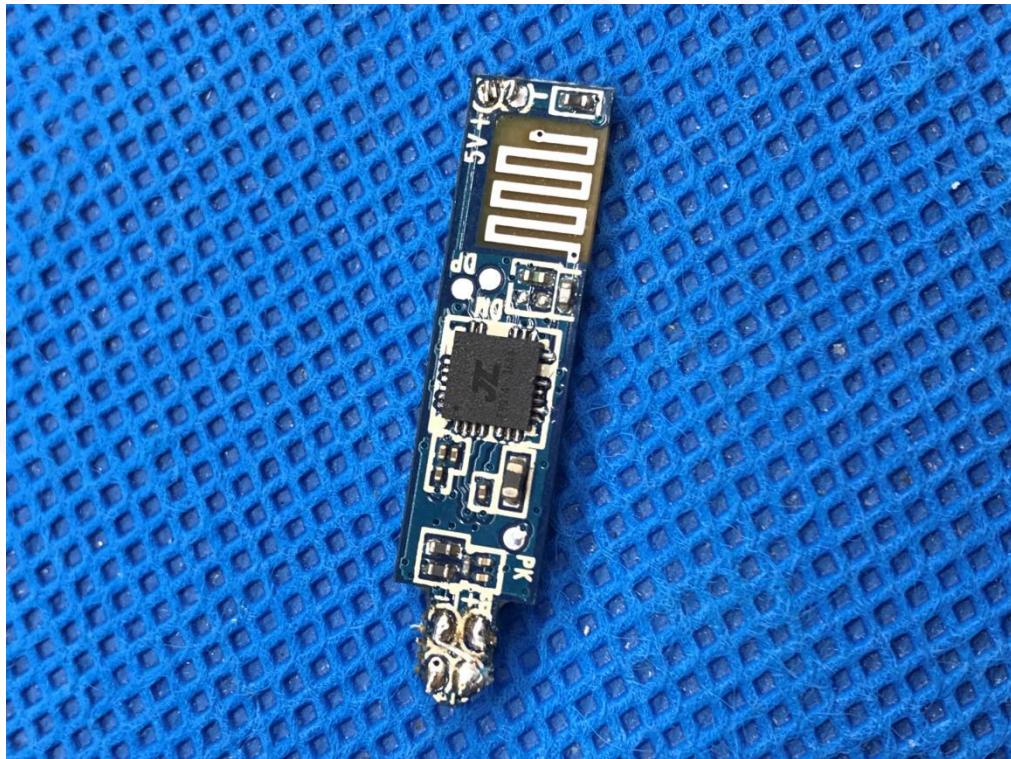
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## INTERNAL VIEW OF EUT-2



## INTERNAL VIEW OF EUT-3

**----END OF REPORT----**

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