

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)

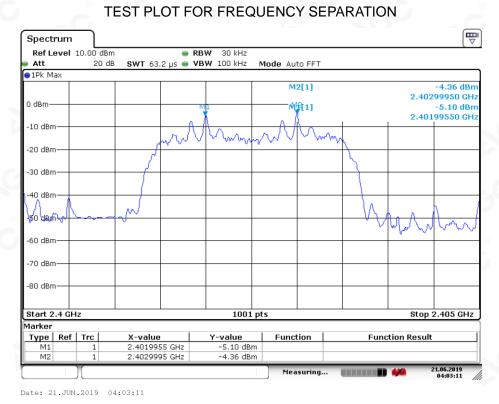
Same as described in section 6.2

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	Pass
CH01-CH02	1004	>=25 KHz or 2/3 20 dB BW	



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





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APPENDIX A: PHOTOGRAPHS OF TEST SETUP

RADIATED EMISSION TEST SETUP ABOVE 1GHZ

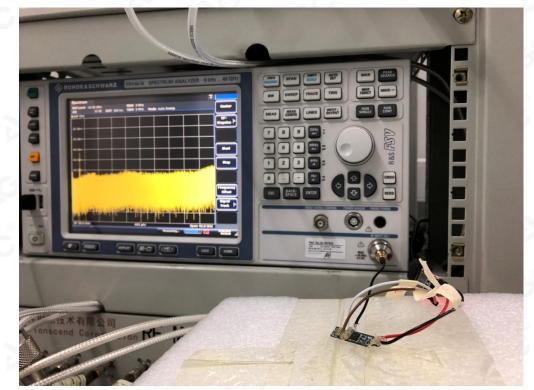






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CONDUCTED TEST SETUP







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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

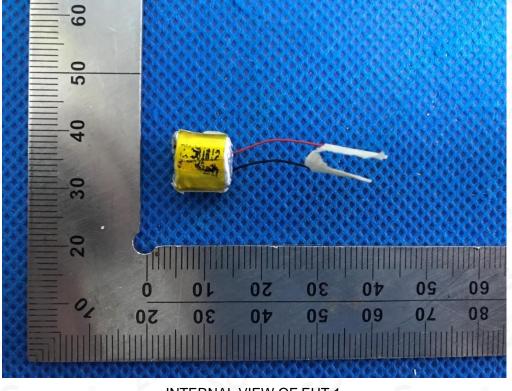




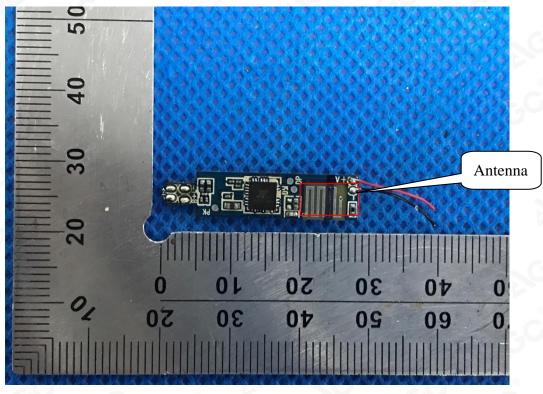


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BATTERY OF EUT



INTERNAL VIEW OF EUT-1

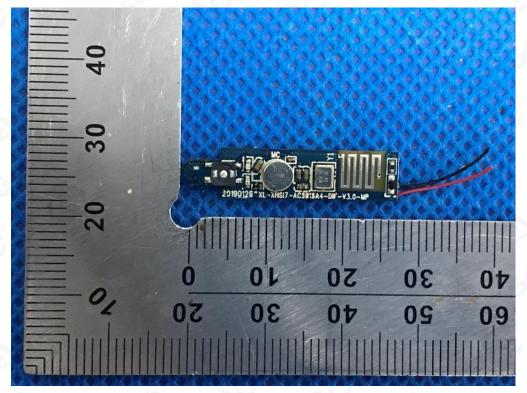




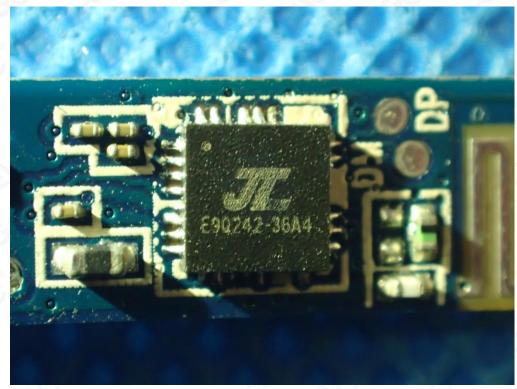


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INTERNAL VIEW OF EUT-2



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

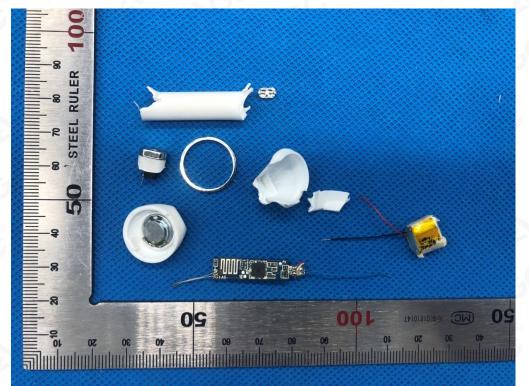




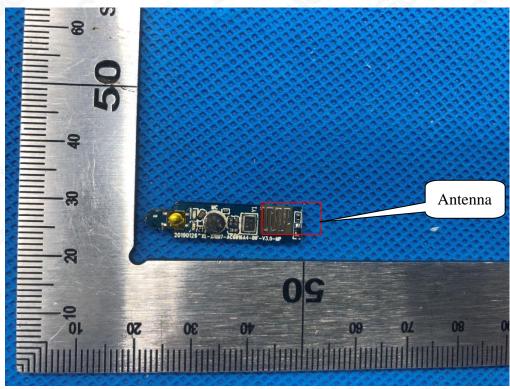


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OPEN VIEW OF EUT



INTERNAL VIEW OF EUT-1

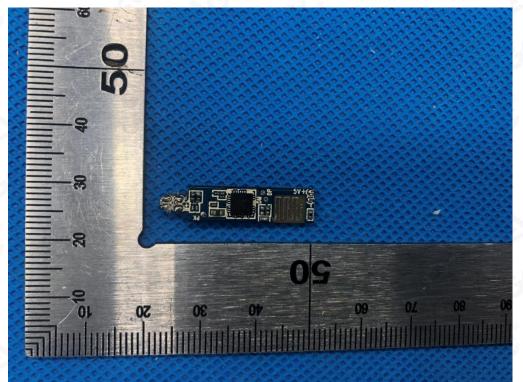




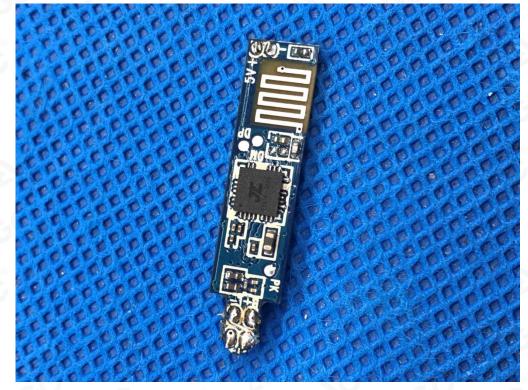


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INTERNAL VIEW OF EUT-2



INTERNAL VIEW OF EUT-3



----END OF REPORT----



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