

## FCC - TEST REPORT

Report Number : **60.790.21.072.01E01** Date of Issue : August 27, 2021

Model : **B-UHR CONNECTED**

Product Type : **Connected Watch**

Applicant : Mok 26 Hong Kong Limited.

Address : Unit 813, 8/F, Block A, Tonic Industrial Centre, 26 Kai Cheung Road, Kowloon Bay, Kowloon, Hong Kong.

Production Facility : Kendy Electrontics (Dongguan) Co. Ltd

Address : Xingsi Huangtang Village, Hengli Town, Dongguan City, Guangdong Province, P. R. China.

Test Result :  **Positive  Negative**

Total pages including Appendices : 14

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## 2 Description of the Equipment Under Test

### Description of the Equipment Under Test

Product: Connected Watch

Model no.: B-UHR CONNECTED

FCC ID: 2A2F6BUC

Rating 3.0 V DC (1 x CR 2450 Battery)

Description of the EUT: EUT is considered as a Connected Watch. More details of EUT technical specification please refer to the User's Manual.

### Auxiliary Equipment and Used during Test:

DESCRIPTION	MANUFACTURER	MODEL NO.	S/N
/	/	/	/

### Auxiliary Software Used during Test:

DESCRIPTION	SOFTWARE NAME	VERSION	REMARK
/	/	/	/

### 3 Summary of Test Standards

#### Test Standards

FCC Part 15 Subpart B 10-1-20 Edition  
Federal Communications Commission, PART 15 — Radio Frequency Devices,  
Subpart B — Unintentional Radiators

All the tests were performed using the procedures from ANSI C63.4(2014).

## 4 Details about the Test Laboratory

### Site 1

Company name: TÜV SÜD Certification and Testing (China) Co., Ltd. Shenzhen Branch  
Building 12&13 Zhiheng Wisdomland Business Park,  
Nantou Checkpoint Road 2,  
Shenzhen 518052, P.R.China  
FCC Registration Number: 514049

Emission Tests	
Test Item	Test Site
<b>FCC Part 15 Subpart B</b>	
FCC Title 47 Part 15.109 Radiated Emission	Site1
FCC Title 47 Part 15.107 Conduct Emission	NIL

## 4.1 Test Equipment Site List

### Radiated Emission – Site 2

DESCRIPTION	MANUFACTURER	MODEL NO.	EQUIPMENT ID	SERIAL NO.	CAL. DUE DATE
EMI Test Receiver	Rohde & Schwarz	ESR 7	68-4-74-19-001	102176	2022-6-4
Trilog Super Broadband Test Antenna	Schwarzbeck	VULB 9163	68-4-80-14-002	707	2022-7-23
Horn Antenna	Rohde & Schwarz	HF907	68-4-80-14-005	102294	2022-6-23
Loop Antenna	Rohde & Schwarz	HFH2-Z2	68-4-80-14-006	100398	2021-9-2
Pre-amplifier	Rohde & Schwarz	SCU 18	68-4-29-14-001	102230	2022-6-6
Attenuator	Agilent	8491A	68-4-81-16-001	MY39264334	2022-6-3
3m Semi-anechoic chamber	TDK	SAC-3 #1	68-4-90-14-001	----	2022-10-28
Test software	Rohde & Schwarz	EMC32	68-4-90-14-001-A10	Version10.35.02	N/A

### Conducted Emission Test – Site 2

DESCRIPTION	MANUFACTURER	MODEL NO.	EQUIPMENT ID	SERIAL NO.	CAL. DUE DATE
EMI Test Receiver	Rohde & Schwarz	ESR 3	68-4-74-14-001	101782	2022-6-4
LISN	Rohde & Schwarz	ENV4200	68-4-87-14-001	100249	2022-6-5
LISN	Rohde & Schwarz	ENV432	68-4-87-16-001	101318	2022-6-5
LISN	Rohde & Schwarz	ENV216	68-4-87-14-002	100326	2022-6-5
ISN	Rohde & Schwarz	ENY81	68-4-87-14-003	100177	2022-6-5
ISN	Rohde & Schwarz	ENY81-CA6	68-4-87-14-004	101664	2022-6-5
High Voltage Probe	Schwarzbeck	TK9420(VT9420)	68-4-27-14-001	9420-584	2022-6-5
RF Current Probe	Rohde & Schwarz	EZ-17	68-4-27-14-002	100816	2022-6-5
Attenuator	Shanghai Huaxiang	TS2-26-3	68-4-81-16-003	080928189	2022-6-3
Test software	Rohde & Schwarz	EMC32	68-4-90-14-003-A10	Version9.15.00	N/A
Shielding Room	TDK	CSR #1	68-4-90-19-004	----	2022-11-07

## 4.2 Measurement System Uncertainty

### Measurement System Uncertainty Emissions

System Measurement Uncertainty	
Items	Extended Uncertainty
Uncertainty for Radiated Emission in 3m chamber 9kHz-30MHz	4.76dB
Uncertainty for Radiated Emission in 3m chamber 30MHz-1000MHz	Horizontal: 4.63dB; Vertical: 4.61dB;
Uncertainty for Radiated Emission in 3m chamber 1000MHz-25000MHz	Horizontal: 4.65dB; Vertical: 4.64dB;
Uncertainty for Conducted Emission 150kHz-30MHz	3.21dB

## 5 Summary of Test Results

Emission Tests					
FCC Part 15 Subpart B		Pages	Test Result		
Test Condition				Pass	Fail
FCC Title 47 Part 15.109 Radiated Emission 30MHz-1000MHz		12-13	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FCC Title 47 Part 15.107 Conduct Emission 150kHz-30MHz		NIL	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

## 6 General Remarks

### Remarks

This submittal(s) (test report) is intended for **FCC ID: 2A2F6BUC**, complies with Section 15.107, 15.109 of the FCC Part 15, Subpart B rules.

### SUMMARY:

- All tests according to the regulations cited on page 8 were
  - - Performed
  - **Not** Performed
- The Equipment Under Test
  - - **Fulfills** the general approval requirements.
  - **Does not** fulfill the general approval requirements.

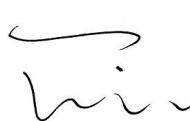
Sample Received Date: July 5, 2021

Testing Start Date: July 6, 2021

Testing End Date: July 9, 2021

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Reviewed by:



Eric LI  
EMC Project Manager



Prepared by:



Hosea CHAN  
EMC Project Engineer

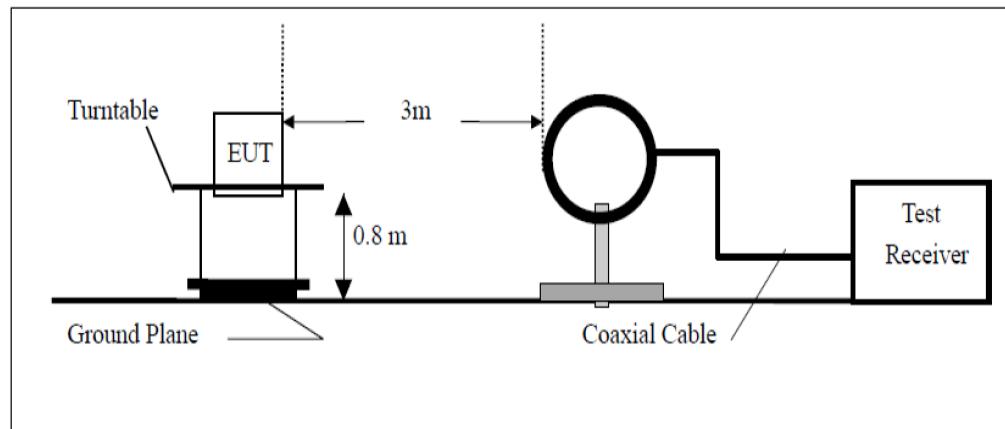
Tested by:



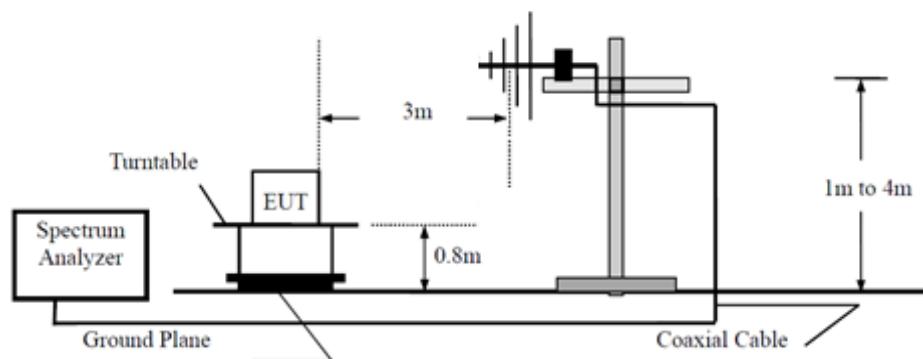
Louise Liu  
EMC Test Engineer

## 7 Test Setups

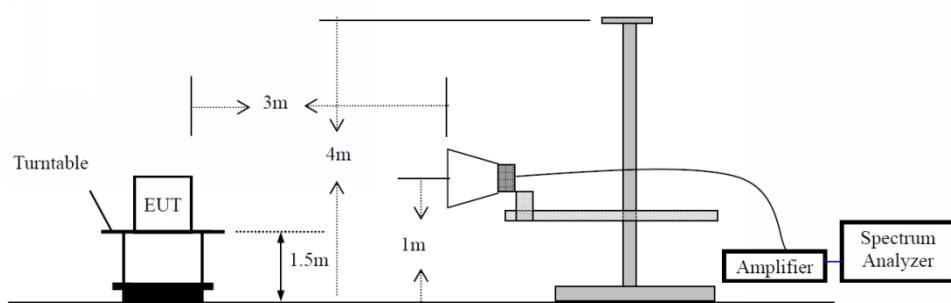
### 7.1 Radiated test setups 9kHz-30MHz



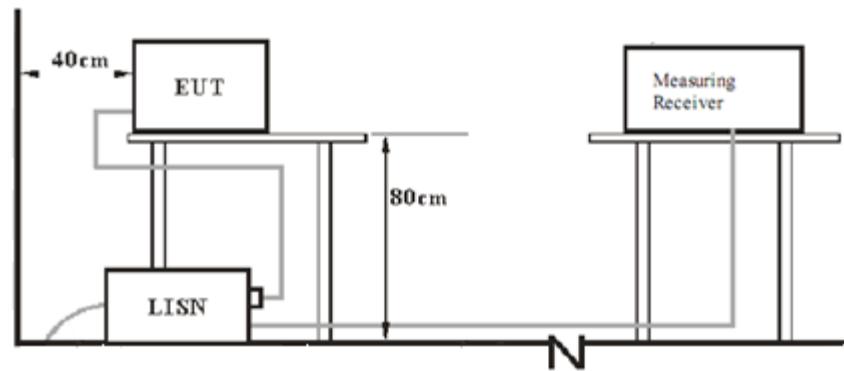
### 7.2 Radiated test setups Below 1GHz



### 7.3 Radiated test setups Above 1GHz



## 7.4 AC Power Line Conducted Emission

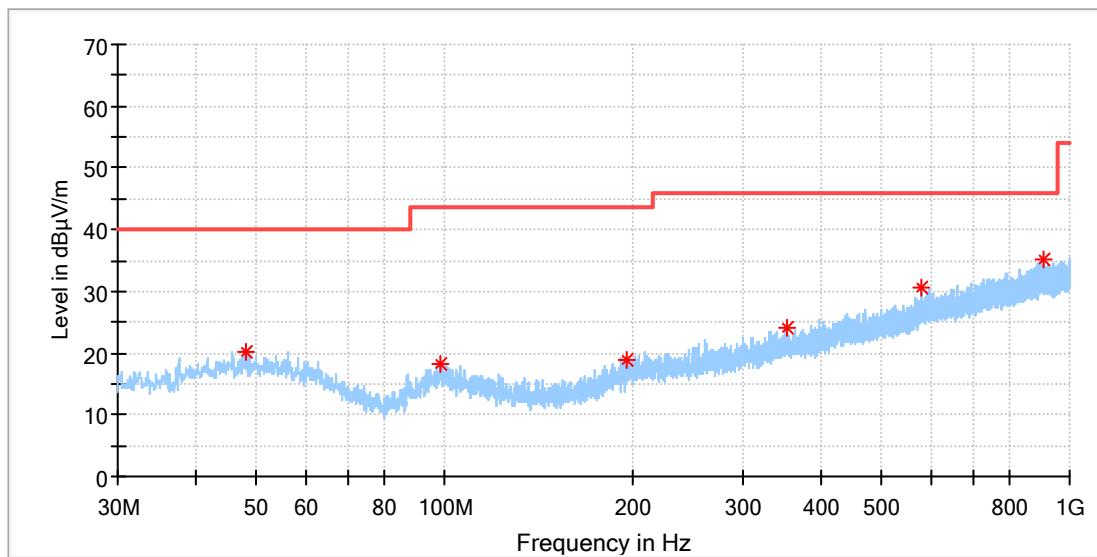


## 8 Emission Test Results

### 8.1 Radiated Emission

EUT: B-UHR CONNECTED  
 Op Condition: BLE Rx mode  
 Test Specification: FCC 15.109  
 Comment: 3.0V DC, Antenna: Horizontal

Test Result  
 Passed  
 Not Passed

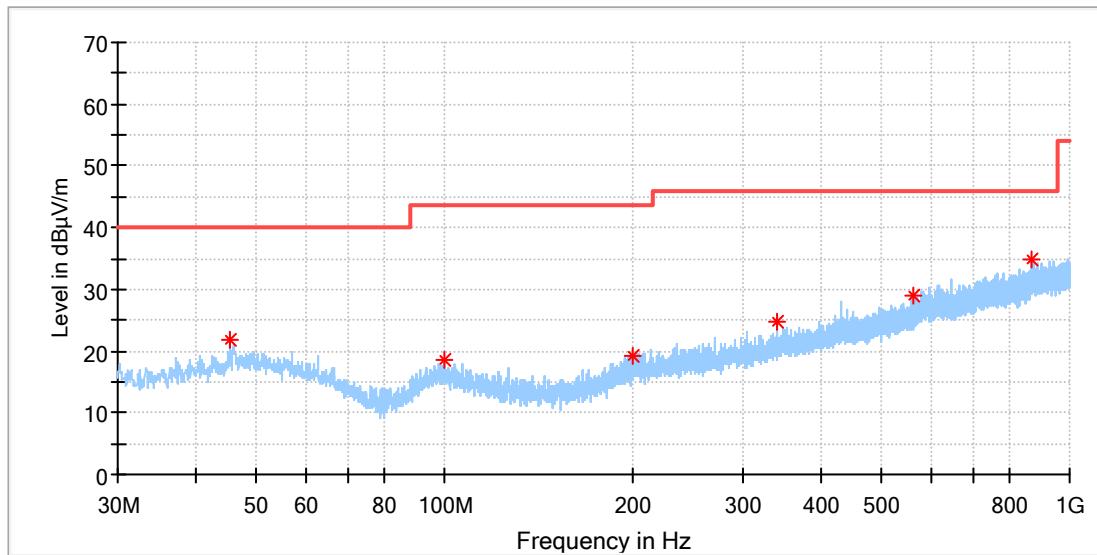


Frequency (MHz)	MaxPeak (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Corr. (dB/m)
48.066250	20.16	40.00	19.84	17.85
98.324375	18.19	43.50	25.31	16.05
196.173125	18.85	43.50	24.65	16.17
353.131250	24.09	46.00	21.91	20.64
579.141250	30.58	46.00	15.42	24.99
908.092500	35.06	46.00	10.94	29.63

## Radiated Emission

EUT: B-UHR CONNECTED  
 Op Condition: BLE Rx mode  
 Test Specification: FCC 15.109  
 Comment: 3.0V DC, Antenna: Vertical

Test Result  
 Passed  
 Not Passed



Frequency (MHz)	MaxPeak (dB $\mu$ V/m)	Limit (dB $\mu$ V/m)	Margin (dB)	Corr. (dB/m)
45.459375	21.70	40.00	18.30	17.73
100.082500	18.60	43.50	24.90	16.24
200.659375	19.08	43.50	24.42	16.55
340.581875	24.60	46.00	21.40	20.16
560.529375	29.10	46.00	16.90	24.36
866.988750	34.74	46.00	11.26	28.85

## 8.2 Conducted Emission at AC Power line

Conducted Emission testing is not applicable for this product because it is powered by DC power, and do not operate from the AC power lines or contain provisions for operation while connected to the AC power lines. See FCC 15.107(d).