

Report No.:	TW2406150-02E				
Applicant:	Shenzhen Jingwah Information Technology Co., Ltd.				
Product:	Philips Smart Conference Watch				
Model No.:	VTR5206 (see the page 4 for additional models)				
Trademark:	PHILIPS				
Test Standards:	FCC Part 15.249				
Test result:	It is herewith confirmed and found to comply with the requirements set up by ANSI C63.10 &FCC Part 15 Subpart C, Paragraph 15.249 regulations for the evaluation of electromagnetic compatibility				

Approved By

Terry long

Terry Tang

Manager

Dated:

June 29, 2024

Results appearing herein relate only to the sample tested The technical reports is issued errors and omissions exempt and is subject to withdrawal at

# SHENZHEN TIMEWAY TESTING LABORATORIES

Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le Village, Nanshan District, Shenzhen, China Tel (755) 83448688, Fax (755) 83442996, E-Mail:info@timeway-lab.com



# **Special Statement:**

# FCC-Registration No.: 744189

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 744189.

# Industry Canada (IC) — Registration No.: 5205A

The EMC Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 5205A.

# A2LA (Certification Number:5013.01)

The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (A2LA). Certification Number:5013.01

# CAB identifier: CN0033

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# 1.0 General Details

1.1 Test Lab Details

Name:	SHENZHEN TIMEWAY TESTING LABORATORIES.
Address:	Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le
	Village, Nanshan District, Shenzhen, China
Telephone:	(755) 83448688
Fax:	(755) 83442996
Site on File	with the Federal Communications Commission – United Sates
Registration	Number: 744189
For 3m Anec	choic Chamber

# 1.2 Applicant Details

Applicant:	Shenzhen Jingwah Information Technology Co., Ltd.
Address:	6F, Bldg.4, Jinghua Square, No. 168, Zhenzhong Rd., Fuqiang Community, Huaqiangbei,
	Futian District, Shenzhen

1.3 Description of EUT

Description of EUT	
Product:	Philips Smart Conference Watch
Manufacturer:	Speech Processing Solutions GmbH
Address:	Gutheil-Schoder-Gasse 8-12, 1102 Vienna, Austria
Trademark:	PHILIPS
Additional Trademark:	N/A
Model Number:	VTR5206
Additional Model Name	VTR5206Pro, VTR5208, VTR5208Pro, VTR5306, VTR5306Pro, VTR5308,
	VTR5308Pro, VTR5506, VTR5506Pro, VTR5508, VTR5508Pro, VTR5606,
	VTR5606Pro, VTR5608, VTR5608Pro, VTR5706, VTR5706Pro, VTR5708,
	VTR5708Pro, VTR5806, VTR5806Pro, VTR5808, VTR5808Pro, VTR5906,
	VTR5906Pro, VTR5908, VTR5908Pro, R10, R11, R12, R13, R14, R15, R16,
	R17, R18, R19, D10, D11, D12, D13, D14, D15, D16, D17, D18, D19
Rating:	DC5V
Battery:	DC3.8V, 350mAh Li-ion battery
Modulation Type:	GFSK (Bluetooth Low Energy)
<b>Operation Frequency:</b>	2402-2480MHz
Channel Separate:	2MHz
Channel Number:	40
Hardware Version:	B5215V3.1
Software Version:	best1502x_ibrt

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Serial No.:VTR520620240422115BAntenna DesignationIntegral antenna with gain -4.13dBi Max (Get from the antenna specification)

- 1.4 Submitted Sample: 2 Samples
- 1.5 Test Duration 2024-06-24 to 2024-06-29
- 1.6 Test Uncertainty

Conducted Emissions Uncertainty =3.6dB Radiated Emissions below 1GHz Uncertainty =4.7dB Radiated Emissions above 1GHz Uncertainty =6.0dB Conducted Power Uncertainty =6.0dB Occupied Channel Bandwidth Uncertainty =5% Conducted Emissions Uncertainty =3.6dB Note: The measurement uncertainty is for coverage factor of k=2 and a level of confidence of 95%.

1.7 Test Engineer

Andy - Xing

The sample tested by

Print Name: Andy Xing

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2.0 Test Equipment					
Instrument Type	Manufacturer	Model	Serial No.	Date of Cal.	Due Date
ESPI Test Receiver	R&S	ESPI 3	100379	2023-07-14	2024-07-13
LISN	R&S	EZH3-Z5	100294	2023-07-14	2024-07-13
LISN	R&S	EZH3-Z5	100253	2023-07-14	2024-07-13
Impuls-Begrenzer	R&S	ESH3-Z2	100281	2023-07-14	2024-07-13
Loop Antenna	EMCO	6507	00078608	2022-07-18	2025-07-17
Spectrum	R&S	FSIQ26	100292	2023-07-14	2024-07-13
Horn Antenna	A-INFO	LB-180400-KF	J211060660	2022-07-18	2025-07-17
Horn Antenna	R&S	BBHA 9120D	9120D-631	2022-07-18	2024-07-17
Power meter	Anritsu	ML2487A	6K00003613	2023-07-14	2024-07-13
Power sensor	Anritsu	MA2491A	32263	2023-07-14	2024-07-13
Bilog Antenna	Schwarebeck	VULB9163	9163/340	2022-07-18	2025-07-17
9*6*6 Anechoic			N/A	2022-07-26	2025-07-25
EMI Test Receiver	RS	ESVB	826156/011	2023-07-14	2024-07-13
EMI Test Receiver	RS	ESCS 30	834115/006	2023-07-14	2024-07-13
Spectrum	HP/Agilent	E4407B	MY50441392	2023-07-14	2024-07-13
Spectrum	RS	FSP	1164.4391.38	2023-07-14	2024-07-13
RF Cable	Zhengdi	ZT26-NJ-NJ-8M/FA		2023-07-14	2024-07-13
RF Cable	Zhengdi	7m		2023-07-14	2024-07-13
Pre-Amplifier	Schwarebeck	BBV9743	#218	2023-07-14	2024-07-13
Pre-Amplifier	HP/Agilent	8449B	3008A00160	2023-07-14	2024-07-13
LISN	SCHAFFNER	NNB42	00012	2023-07-14	2024-07-13
ESPI Test Receiver	R&S	ESPI 3	100379	2023-07-14	2024-07-13
LISN	R&S	EZH3-Z5	100294	2023-07-14	2024-07-13

### 2.1 Automation Test Software

For Conducted Emission Test

Name	Version	
EZ-EMC	Ver.EMC-CON 3A1.1	

#### For Radiated Emissions

Name	Version
EMI Test Software BL410-EV18.91	V18.905
EMI Test Software BL410-EV18.806 High Frequency	V18.06

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The EUT has been tested according to the following specifications:

### **3.0** Technical Details

### 3.1 Summary of test results

The EOT has been tested according to th	<b>5 k</b>		
Standard	Test Type	Result	Notes
FCC Part 15, Paragraph 15.203	Antenna Requirement	Pass	Complies
FCC Part 15, Paragraph 15.207	Conducted Emission Test	Pass	Complies
FCC Part 15 Subpart C Paragraph 15.249(a) & 15.249(b) Limit	Field Strength of Fundamental	Pass	Complies
FCC Part 15, Paragraph 15.209	Radiated Emission Test	Pass	Complies
FCC Part 15 Subpart C Paragraph 15.249(d) Limit	Band Edge Test	Pass	Complies

## 3.2 Test Standards

FCC Part 15 Subpart C, Paragraph 15.249 , ANSI C63.4 :2014 and ANSI C63.10 :2013

#### 4.0 EUT Modification

No modification by SHENZHEN TIMEWAY TESTING LABORATORIES

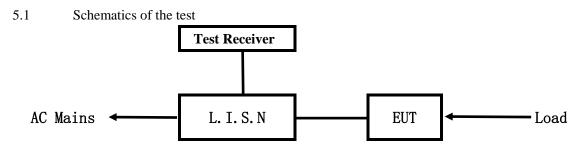
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# 5. Power Line Conducted Emission Test



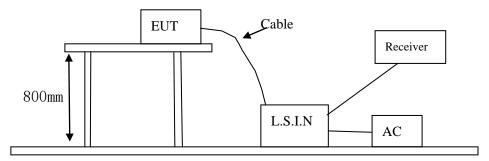
EUT: Equipment Under Test

5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.10-2013. The Frequency spectrum from 0.15MHz to 30MHz was investigated. The LISN used was 500hm/50uH as specified by section 5.1 of ANSI C63.10-2013.

Test Voltage: 120V~, 60Hz

Block diagram of Test setup



5.3 Configuration of the EUT

The EUT was configured according to ANSI C63.10-2013. All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below. 40 channels are provided to the EUT

Device	Manufacturer	Model	FCC ID	
Philips Smart	Speech Processing Solutions	VTR5206 (see the page 4 for		
Conference Watch	GmbH	additional models)	RBD-VTR5206	

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### B. Internal Device

Device	Manufacturer	Model	FCC ID/DOC
N/A			

### C. Peripherals

Device	Manufacturer	Model	Rating
Power Supply	KEYU	KA23-0502000DEU	Input: 100-240V~, 50/60Hz, 0.35A;
			Output: DC5V, 2A

# 5.4 EUT Operating Condition

- Operating condition is according to ANSI C63.10-2013
- A Setup the EUT and simulators as shown on follow
- B Enable AF signal and confirm EUT active to normal condition

## 5.5 Power line conducted Emission Limit according to Paragraph 15.207

	0 01	1
Frequency	Limits (d	IB μ V)
(MHz)	Quasi-peak Level	Average Level
$0.15~\sim~0.50$	66.0~56.0*	56.0~46.0*
$0.50~\sim~5.00$	56.0	46.0
$5.00~\sim~30.00$	60.0	50.0

Notes: 1. \*Decreasing linearly with logarithm of frequency.

2. The tighter limit shall apply at the transition frequencies

# 5.6 Test Results:

Pass

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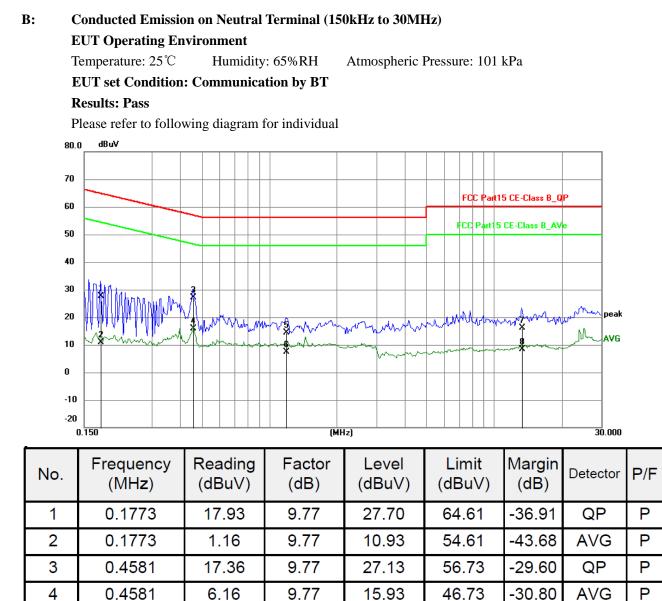
Conducted Emission on Live Terminal (150kHz to 30MHz) A: **EUT Operating Environment** Humidity: 65%RH Temperature: 25℃ Atmospheric Pressure: 101 kPa EUT set Condition: Communication by BT **Results: Pass** Please refer to following diagram for individual dBu¥ 80.0 70 FCC Part15 CE-Class B\_QP 60 FCC Part 15 CE-Class B AVe 50 40 30 peal 20 AVG 10 0 -10 -20 (MHz) 30.000 0.150 Frequency Margin Reading Factor Level Limit No. Detector P/F 

	(IVIHZ)	(abuv)	(ab)	(dBuv)	(abuv)	(aB)		
1	0.1695	18.36	9.77	28.13	64.98	-36.85	QP	Ρ
2	0.1695	1.55	9.77	11.32	<mark>54.98</mark>	-43.66	AVG	Ρ
3	0.3840	17.97	9.76	27.73	58.19	-30.46	QP	Ρ
4	0.3840	7.55	9.76	17.31	48.19	-30.88	AVG	Ρ
5	0.4620	22.39	9.77	32.16	<b>5</b> 6.66	-24.50	QP	Ρ
6	0.4620	11.98	9.77	21.75	46.66	-24.91	AVG	Ρ
7	12.9489	5.57	10.29	15.86	60.00	-44.14	QP	Ρ
8	12.9489	-1.84	10.29	8.45	50.00	-41.55	AVG	Ρ

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5

6

7

8

1.1873

1.1873

13.2843

13.2843

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9.79

9.79

10.30

10.30

4.60

-2.31

5.91

-1.82

14.39

7.48

16.21

8.48

56.00

46.00

60.00

50.00

QP

AVG

QP

AVG

-41.61

-38.52

-43.79

-41.52

Ρ

Ρ

Ρ

Ρ

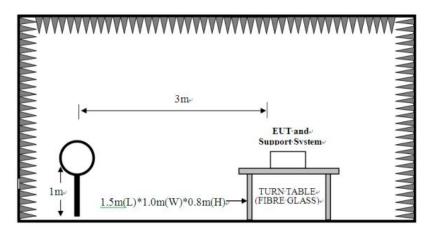


# 6 Radiated Emission Test

- 6.1 Test Method and test Procedure:
- (1) The EUT was tested according to ANSI C63.10-2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) The EUT, peripherals were put on the turntable which table size is 1m x 1.5 m, table high 0.8 m. All set up is according to ANSI C63.10-2013.
- (3) The frequency spectrum from 30 MHz to 25 GHz was investigated. All readings from 30 MHz to 1 GHz are quasi-peak values with a resolution bandwidth of 120 kHz. All readings are above 1 GHz, peak values with a resolution bandwidth of 1 MHz (Note: for Fundamental frequency radiated emission measurement, RBW=3MHz, VBW=10MHz). Measurements were made at 3 meters.
- (4) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (5) The antenna polarization: Vertical polarization and Horizontal polarization.

# Block diagram of Test setup

For radiated emissions from 9kHz to 30MHz



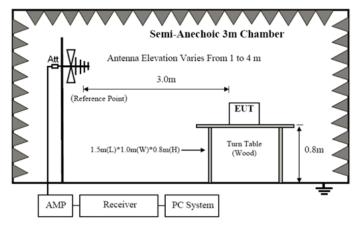
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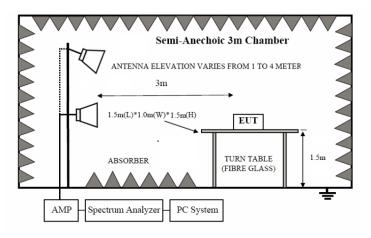
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For radiated emissions from 30MHz to1GHz



For radiated emissions above 1GHz



- 6.2 Configuration of The EUT Same as section 5.3 of this report
- 6.3 EUT Operating Condition Same as section 5.4 of this report.

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# 6.4 Radiated Emission Limit

All emission from a digital device, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strength specified below:

# A FCC Part 15 Subpart C Paragraph 15.249(a) Limit

Fundamental Frequency	Field Stre	ength of Fundame	ntal (3m)	Field St	trength of Harmo	nics (3m)
(MHz)	mV/m	dBu	V/m	uV/m	dBu	V/m
2400-2483.5	50	94 (Average)	114 (Peak)	500	54 (Average)	74 (Peak)

Note: 1. RF Field Strength  $(dBuV) = 20 \log RF$  Voltage (uV)

2.Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

3. The emission limit in this paragraph is based on measurement instrumentation employing an average detector.

# B. Frequencies in restricted band are complied to limit on Paragraph 15.209.

1		
Frequency Range (MHz)	Distance (m)	Field strength (dB $\mu$ V/m)
0.009-0.490	3	20log(2400/F(kHz)) +40log (300/3)
0.490-1.705	3	20log(24000/F(kHz)) +40log (30/3)
1.705-30	3	69.5
30-88	3	40.0
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

Note: 1. RF Voltage  $(dBuV) = 20 \log RF$  Voltage (uV)

2. In the Above Table, the tighter limit applies at the band edges.

3. Distance refers to the distance in meters between the measuring instrument antenna and the EUT

4. All scanning using PK detector. And the final emission level was get using QP detector for frequency range from 30-1000MHz.As to 1G-25G, the final emission level got using PK. For fundamental measurement, PK detector used.

5. For radiated emissions from 9kHz to 30MHz, the emission level is much less than the limit for more than 20dB. No necessary to take down the record.

6. This is a portable device. The radiated emissions should be tested under 3-axes position (Lying, Side, and Stand), After pre-test. It was found that the worse radiated emission was get at the lying position.

7. Battery fully charged was used during the test.

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# 6.5 Test result

# A Fundamental & Harmonics Radiated Emission Data

Please refer to the following test plots for details: Low Channel-2402MHz

### Horizontal

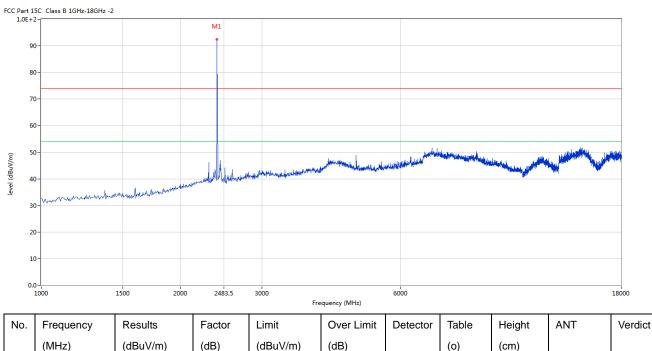
1

2402

92.39

-3.57

114.0



-21.61

Peak

160.00

100

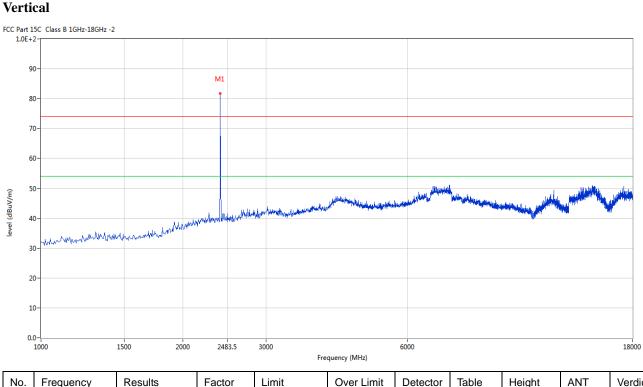
Horizontal

Pass

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No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2402	81.68	-3.57	114.0	-32.32	Peak	244.00	100	Vertical	Pass

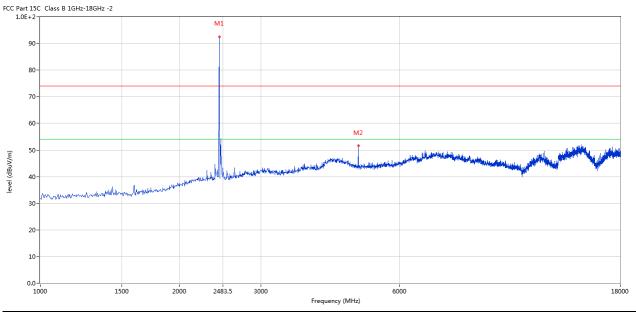
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# Please refer to the following test plots for details: Middle Channel-2440MHz

#### Horizontal

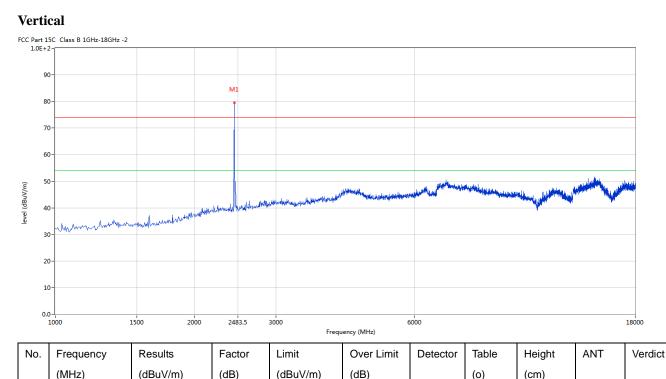


No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2440	92.51	-3.57	114.0	-21.49	Peak	183.00	100	Horizontal	Pass
2	4879.280	51.58	3.20	74.0	-22.42	Peak	177.00	100	Horizontal	Pass

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153.00

100

Vertical

Pass

Peak

The report refers only to the sample tested and does not apply to the bulk.

79.49

2440

1

-3.57

114.0

-34.51

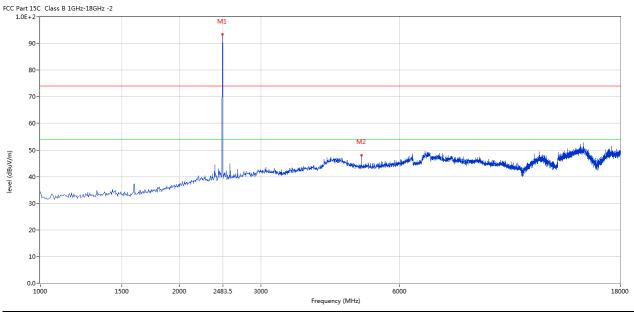
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# Please refer to the following test plots for details: High Channel-2480MHz

#### Horizontal

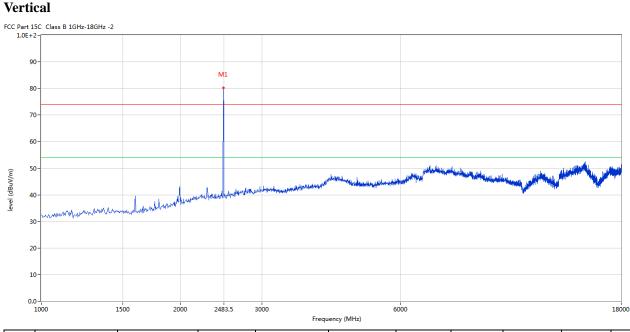


No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	93.39	-3.57	114.0	-20.61	Peak	172.00	100	Horizontal	Pass
2	4960.010	48.09	3.36	74.0	-25.91	Peak	167.00	100	Horizontal	Pass

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No.	Frequency	Results	Factor	Limit	Over Limit	Detector	Table	Height	ANT	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(o)	(cm)		
1	2480	80.31	-3.57	114.0	-33.69	Peak	236.00	100	Vertical	Pass

Note: (2) Emission Level = Reading Level + Antenna Factor + Cable Loss-Amplifier

(3) Margin=Emission-Limits

- (4) According to section 15.35(b), the peak limit is 20dB higher than the average limit
- (5) For test purpose, keep EUT continuous transmitting
- (5) For emission above 18GHz and Below 30MHz, It is only the floor noise. No necessary to take down.
- (6) the measured PK value less than the AV limit.

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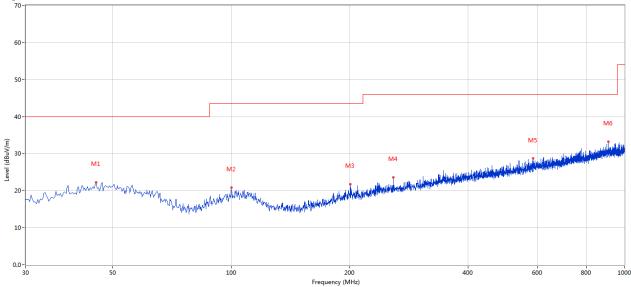
# B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

# Results: Pass

Please refer to following diagram for individual

FCC\_FCC Part 15C Class B 30MHz-1GHz



No.	Frequency	Results	Factor	Limit	Margin	Detector	Table	Height	Antenna	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(Degree)	(cm)		
1	45.274	22.23	-11.40	40.0	17.77	Peak	346.00	100	Horizontal	Pass
2	100.065	20.89	-13.52	43.5	22.61	Peak	245.00	100	Horizontal	Pass
3	200.920	21.73	-13.44	43.5	21.77	Peak	151.00	100	Horizontal	Pass
4	258.135	23.57	-11.85	46.0	22.43	Peak	315.00	100	Horizontal	Pass
5	584.944	28.68	-5.41	46.0	17.32	Peak	34.00	100	Horizontal	Pass
6	909.085	33.19	-1.75	46.0	12.81	Peak	248.00	100	Horizontal	Pass

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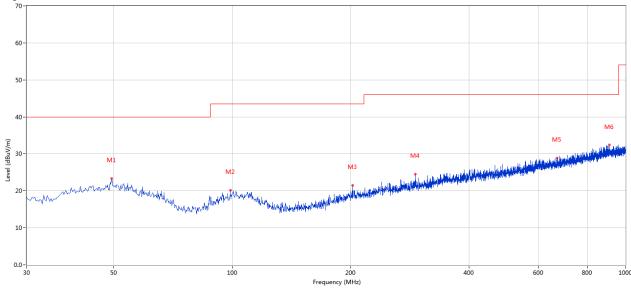
### Radiated Emission In Vertical (30MHz----1000MHz)

EUT set Condition: Keep Tx transmitting

# Results: Pass

#### Please refer to following diagram for individual

FCC\_FCC Part 15C Class B 30MHz-1GHz



No.	Frequency	Results	Factor	Limit	Margin	Detector	Table	Height	Antenna	Verdict
	(MHz)	(dBuV/m)	(dB)	(dBuV/m)	(dB)		(Degree)	(cm)		
1	49.395	23.31	-11.28	40.0	16.69	Peak	55.00	100	Vertical	Pass
2	99.095	20.15	-13.66	43.5	23.35	Peak	127.00	100	Vertical	Pass
3	202.374	21.47	-13.39	43.5	22.03	Peak	184.00	100	Vertical	Pass
4	292.077	24.49	-11.26	46.0	21.51	Peak	216.00	100	Vertical	Pass
5	669.313	28.90	-4.41	46.0	17.10	Peak	66.00	100	Vertical	Pass
6	911.025	32.37	-1.78	46.0	13.63	Peak	78.00	100	Vertical	Pass

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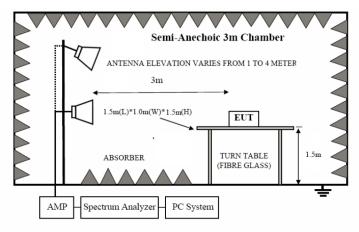


# 7. Band Edge

# 7.1 Test Method and test Procedure:

- The EUT was tested according to ANSI C63.10–2013. The radiated test was performed at Timeway EMC Laboratory. This site is on file with the FCC laboratory division, Registration No. 744189
- (2) Set Spectrum as RBW=1MHz, VBW=3MHz and Peak detector used for PK value. RBW=1MHz, VBW=10Hz and Peak detector used for AV value.
- (3) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (4) The antenna polarization: Vertical polarization and Horizontal polarization.

# 7.2 Radiated Test Setup



For the actual test configuration, please refer to the related items - Photos of Testing

# 7.3 Configuration of The EUT

Same as section 5.3 of this report

# 7.4 EUT Operating Condition

Same as section 5.4 of this report.

# 7.5 Band Edge Limit

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

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## 7.6 Test Result

	Product:	Philips	s Smart Co	nference Wat	tch	Polarity		Н	orizontal	
	Mode	K	Keeping Tra	ansmitting	Г	Test Voltag	je	I	DC3.8V	
Te	mperature		24 deg	g. C,		Humidity		5	56% RH	
Τe	est Result:		Pas	ss						
2 Part 1 1.0E+	15C Class B 1GHz-18GHz	2 -2								
								M1		
g	90-									
8	30-							/		
7	70-						/	\\	\	
									$\langle \rangle$	
6	50 -						M2			
							1 .		<u>````</u>	
5	50- 10-bi salihida salasha dinakadan	handing have sublitive to deal data and a data a	and a telefort and a triffic to the	an oddaet	, how the definition of the		الملك		and the	14.44.11.
4		herteningen af sterner of dest	รางสถาระหรือราย สามารถ	ar a performan for the state of t	. Led Millional H		ALL AND		august a second s	YA di An
4	10- <b>14,04//////////////////////////////</b> ////////	lovin Lawrence (1994)	ฟรียา ( horizon ( horizon)	internetet gemeendet Atradisionseks	. danih dhekalah dhekalah		A A A A A A A A A A A A A A A A A A A			la di dan
4 3 2	10 - <mark>16 - 18 - 18 - 18 - 18 - 18 - 18 - 18 - </mark>	bolini hannon og for han	warren beisteratuistaan	ea a pair de la maral de la charachta	. davil Aleisekildisionaldi		ALAN AND AND AND AND AND AND AND AND AND A			landin dan
4 3 2	10- <b>14,41444,414-444-444-4</b> 444,4444	lesterbarenterfeldstaren digig	an a	iatasoolet in Jacobel ol Likaakiisaaaha	. d. mil. Antol Maldulana dati		A A A A A A A A A A A A A A A A A A A			fan
4 3 2 1	10 - <mark>16 - 18 - 18 - 18 - 18 - 18 - 18 - 18 - </mark>	losten Lucennen fiskelske sen dit hoge	nan kana kana kana kana kana kana kana				A AND A A			2410
4 3 2 1	10 - <mark>14 - 11 - 14 - 14 - 14 - 14 - 14 - 1</mark>				Frequency (MHz)					
4 3 2 1 0	10 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -	Results	Factor	Limit	Frequency (MHz) Over Limit	Detector	Table	Height	ANT	
4 3 2 1 0 0	10-14-111111111111111111111111111111111	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Frequency (MHz) Over Limit (dB)	Detector	(o)	(cm)		Verdio
3 2 1 0 No.	10 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -	Results (dBuV/m) 91.94	Factor (dB) -3.57	Limit (dBuV/m) 74.0	Frequency (MHz) Over Limit (dB) 17.94	Detector Peak	(o) 152.00	(cm) 100	Horizontal	Verdio N/A
4 3 1 0 No.	10-14-111111111111111111111111111111111	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Frequency (MHz) Over Limit (dB)	Detector	(o)	(cm)		Verdio
4 3 2 1 0 <b>No.</b>	10 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -	Results (dBuV/m) 91.94	Factor (dB) -3.57	Limit (dBuV/m) 74.0	Frequency (MHz) Over Limit (dB) 17.94	Detector Peak	(o) 152.00	(cm) 100	Horizontal	Verdio N/A

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Product:		Phili	ps Smart C	atch	Detector		Vertical			
Mode		Keeping Transmitting				Test Voltage		DC3.8V		
Temperature		24 deg. C,				Humidi	-		6% RH	
Te	est Result:		Pass							
C Part : 1.0E+	15C Class B 1GHz-18GHz +2-r	z -2								
ġ	90-							M1		
8	80-							$\sim$		
7	70-							$/ \chi$		
	60-						,	$f = \lambda$	N	
c	60-						/		1	
					M	3			<u>N</u>	
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3	40	a State State State State and State	ni kuning ku Kuning kuning	na gilana an Èairleann an Èairlean la			/M2 •			
2	40				Frequency (MHz)		unithing of a			24
2	40- 20- 10- 2370 Frequency	Results	Factor	Limit	Frequency (MHz)	Detector	Table	Height	ANT	24
3	40	Results (dBuV/m)	(dB)	Limit (dBuV/m)	Frequency (MHz) Over Limit (dB)		Table (o)	(cm)	ANT	24 Verdic
2	40- 20- 10- 2370 Frequency	Results		Limit	Frequency (MHz)	Detector Peak	Table	-		24
2 2 1 0 No.	40	Results (dBuV/m)	(dB)	Limit (dBuV/m)	Frequency (MHz) Over Limit (dB)		Table (o)	(cm)	ANT	24 Verdic
2 2 1 1 0 No.	40 - 2402.052	Results (dBuV/m) 80.93	(dB) -3.57	Limit (dBuV/m) 74.0	Frequency (MHz) Over Limit (dB) 6.93	Peak	Table (o) 250.00	(cm) 100	ANT	24 Verdic N/A

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Product:		Philips Smart Conference Watch					rity	]	Horizontal	
	Mode	Keeping Transmitting					ltage		DC3.8V	
Te	emperature		24 deg. C, Pass				Humidity		56% RH	
Te	est Result:									
CC Part : 1.0E+	15C Class B 1GHz-18GH:	z -2								
	90-		ا سر	V1						
-										
8	80 -									
7	70-									
6	50 -		/	$\sim$	、 、					
		<u>ل</u> ار	-		<b>\</b>					
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level (dBuV/m		Mulatin and a second		M •	<b>1</b>	ille star de la company		headanna i dheanna ghadh	unishi ka shunnin ka ka ma	ta di kata malapat
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	40 - <del>Min an allan an a</del>	Mulet Harrison		M •	<b>1</b>	Hale to the second s	-ristantestatestatest	ersterne i annen ferte	ugarhirtessifternettessenssion	e-gite-maps
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level (dbuV/m	40 - <mark>What was the set of the set</mark>			248			-artistation and a defe	er berne i arriver beb	and the subsection of the subs	
level (dBuV/m	40	Results	Factor	•	3.5	Detector	Table	Height	ANT	250
level (dBuV/m	40		Factor (dB)	248	3.5 Frequency (MHz)					250
level (dBuV/m	10	Results		248 Limit	3.5 Frequency (MHz) Over		Table	Height		250
(dpn/) (d	40 - 244 40 40 40 40 40 40 40 40 40 40 40 40 4	Results (dBuV/m)	(dB)	248 Limit (dBuV/m)	3.5 Frequency (MHz) Over Limit (dB)	Detector	Table (o)	Height (cm)	ANT	250 Verdic

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]	Product: Philips Smart Conference				atch	Detecto	or	V	<i>Vertical</i>	
	Mode Keeping Transmittin					Test Volta	age	DC3.8V		
Te	Temperature			24 deg. C,			ty	56% RH		
Te	est Result:		Pass							
1.0E+ 9 8	15C Class B 1GHz-18GHz 2- 	-2	M1							
(mu/um) 4 3	io - io -	adalah kandra kandra kandra		Me	Maataliikoo kaasaa ka d	in han der i der sinder der sinder	lkus kaan asali	entralisationalisationalisation	than the stand of	<b>A</b> Mandar
(m 5 (m/ngp) 4 3 2 1	50 - 10 - <mark>14 John Andrea Hallen andre</mark> 10 -	attere den den de ser an de se		2483.5		te for de constant de la constant de	dhaigh magaidh	galleniainskerenia	te at the multiplicity of the	2500
((( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( ( (	50 - 10 -	Results (dBuV/m)	Factor (dB)			Detector	Table (o)	Height (cm)	ANT	
(ш//ляр) 4 3 2 1	0- 10- 10- 10- 10- 10- 10- 10- 1	Results		Limit	Frequency (MHz)		Table	Height		2500

Note: The PK emission level less than the AV limit. No necessary to record the AV emission level.

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## 8.0 Antenna Requirement

### **Applicable Standard**

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

This product has an PCB antenna. The antenna gain is -4.13dBi Max. It fulfills the requirement of this section. Test Result: Pass

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Product:	Philips Smart Conference Watch					de:	Keep transmitting		
Mode	Keeping Transmitting				Test Voltage		DC3.8V		
Temperature		24 deg. (			Humidi	ity	56% RH		
Test Result:		Pass			Detecto	or		РК	
0dB Bandwidth	1.244MHz								
	Marker	1 [T1 r	ndB]	RBW	100 k	Hz	RF Att	20 dB	
Ref Lvl	ndB	20.	.00 dB	VBW	300 k	Hz			
10 dBm	BW	1.244488	398 MHz	SWT	5 m	ıs	Unit	dBn	n
10				1	▼1	[T1]		4.36 dBm	2
0			$\sim$	$\sim$			2.4022	8557 GHz	
0					ndi	8	1.2444	0.00 dB	
1.0						1 [T]		8898 MHz	
-10		11/				т2	2.4014	1383 GHz	
		X			VΤ	2 🔨 т :	-1	.5.73 dBm	
-20	1					Ň	2.40265832 G		11
	$\sim$						1 million		
-30									
								X	
-40								1 k	
<b>W</b>								hand	
-50									
-60									1
7.0									
-70									1
-80									1
0.0									
-90 Center 2.402	GHz	L	300	kHz/	L	L	Sp	an 3 MHz	1

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Product:	Philips S	mart Conference Watch	Test Mode	: Keep tra	ansmitting	
Mode	Kee	ping Transmitting	Test Voltag	e DC	C3.8V	
Temperature		24 deg. C,	Humidity	56% RH		
Test Result:		Pass	Detector	]	PK	
20dB Bandwidth		1.238MHz				
<b>K</b>	Marke	er 1 [T1 ndB]	RBW 100 }	KHZ RF Att	20 dB	
Ref Lvl	ndB	20.00 dB		<hz< td=""><td></td></hz<>		
10 dBm 10	BW	1.23847695 MHz	SWT 5 n	ns Unit	dBm	
10			1 1	[T1]	4.18 dBm	
0		$\sim$	$\sim \wedge$	2.44028	3557 GHz	
			nd. BW	1.23847	7695 MHz	
-10				1 [T1] -1	5.79 dBm	
10				T2 2.43941	L984 GHz	
-20		X	VΤ	2 [T1] -1!	5.99 dBm	
1MAX		/		2.44063	1MA	
-30	- mark			1 hours		
-30						
- 4 0						
-40					Ly.	
-50					V. an	
-50						
-60						
-80						
-70						
-70						
-80						
-90 Center 2	.44 GHz	300	kHz/	L Spa	an 3 MHz	
Date: 27	JUN 2024	10:51:20				

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Product:	Philips Smart Conference Watch	Test Mode:	Keep transmitting		
Mode	Keeping Transmitting	Test Voltage	DC3.8V 56% RH		
Temperature	24 deg. C,	Humidity			
Test Result:	Pass	Detector	РК		
20dB Bandwidth	1.244MHz				
K.	Marker 1 [T1 ndB]	RBW 100 kHz	z RF Att 20 dB		
Ref Lvl	ndB 20.00 dB	VBW 300 kHz			
10 dBm	BW 1.24448898 MHz	SWT 5 ms	Unit dBm		
10		1 1 [	T1] 3.53 dBm		
		$\sim$ $1$	2.48028557 GHz		
0		ndB	20.00 dB		
		BW	1.24448898 MHz [T1] -16.72 dBm		
-10			2 2.47941383 GHz		
		▼12	[T1] -16.29 dBm		
-20			2.48065832 GHz		
-30					
-40			le le		
-50			- Alle		
-30					
-60					
-70					
-80					
-90					
Center 2.4	48 GHz 300	kHz/	Span 3 MHz		
Date: 27	JUN.2024 11:03:29				

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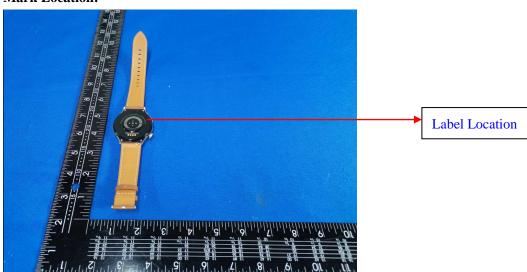


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# 10.0 FCC ID Label

## FCC ID: RBD-VTR5206

The label must not be a stick-on paper label. The label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.



#### Mark Location:

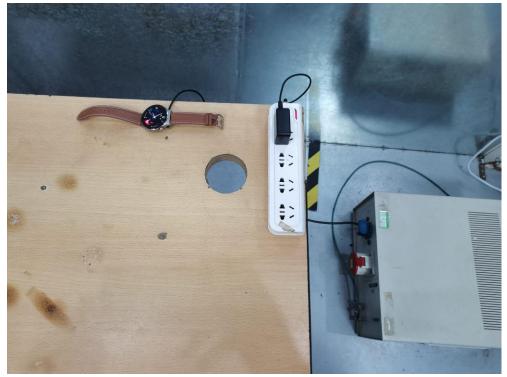
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#### 11.0 Photo of testing

11.1 Conducted test View--



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Radiated emission test view



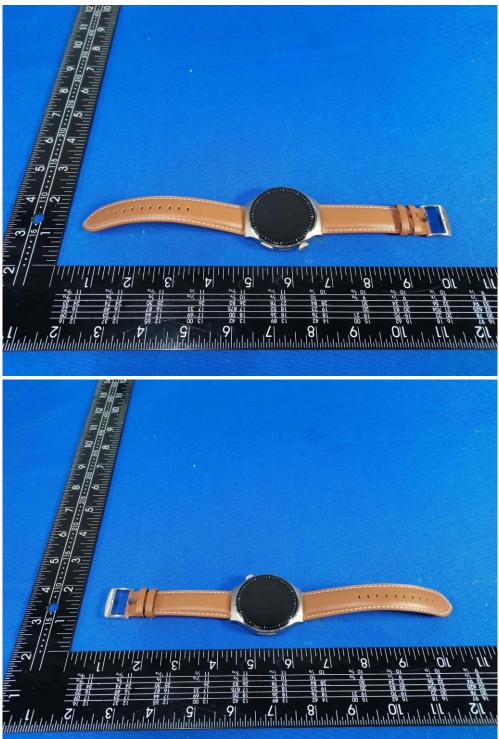
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#### 11.2 Photographs - EUT

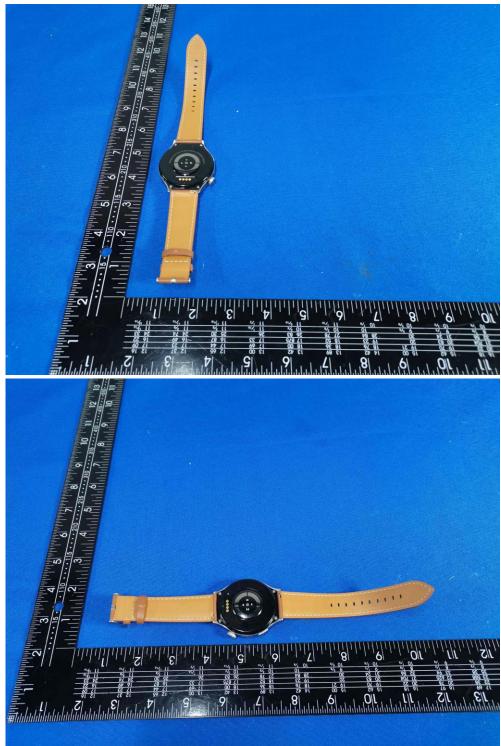
Outside View



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Outside View



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Inside View

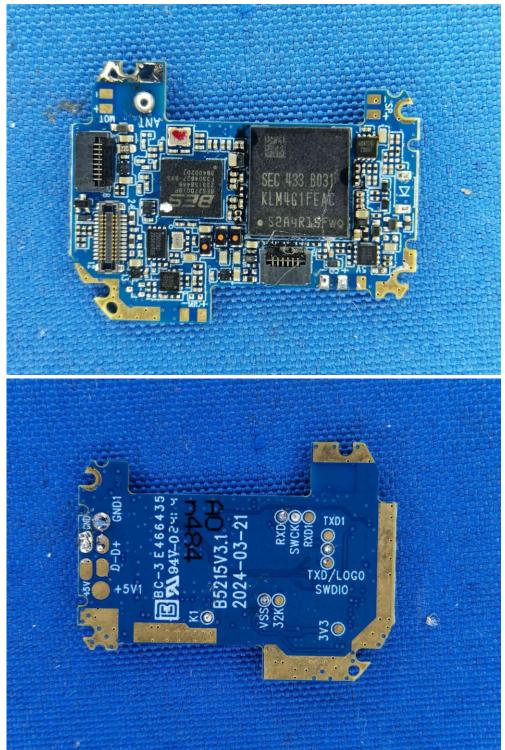


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Inside View

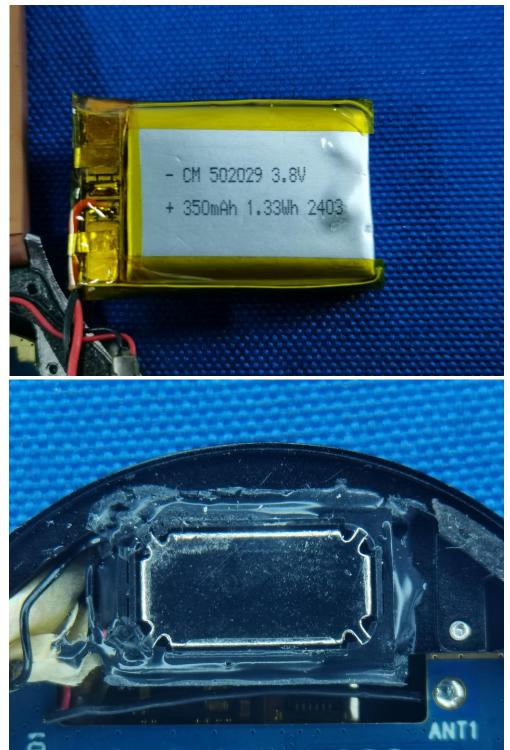


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Inside View



-End of the Report--

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