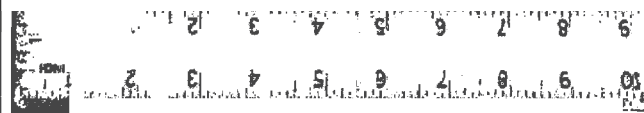


<b>Prüfbericht-Nr.:</b> Test Report No.:	17053120 002	<b>Auftrags-Nr.:</b> Order No.:	164091712	Seite 1 von 19 Page 1 of 19
<b>Kunden-Referenz-Nr.:</b> Client Reference No.:	625545	<b>Auftragsdatum:</b> Order date:	25.04.2017	
<b>Auftraggeber:</b> Client:	Upright Technologies LTD, Sha'ar ha-Ir, 3rd Floor Derech HaAtsma'ut 56, Yehud 5630425, Israel			
<b>Prüfgegenstand:</b> Test item:	Bluetooth Wearable Device (UPRIGHT)			
<b>Bezeichnung / Typ-Nr.:</b> Identification / Type No.:	UR-01B-01A, UR-01C-01A, UR-01C-02A			
<b>Auftrags-Inhalt:</b> Order content:	FCC and IC approval			
<b>Prüfgrundlage:</b> Test specification:	CFR47 FCC Part 15: Subpart B Section 15.107 CFR47 FCC Part 15: Subpart B Section 15.109 RSS-Gen Issue 4 November 2014 ICES-003 Issue 5 August 2012			
<b>Wareneingangsdatum:</b> Date of receipt:	10.04.2017			
<b>Prüfmuster-Nr.:</b> Test sample No.:	A000536142-004, A000536142-006			
<b>Prüfzeitraum:</b> Testing period:	20.04.2017 - 12.05.2017			
<b>Ort der Prüfung:</b> Place of testing:	Accurate Technology Co., Ltd.			
<b>Prüflaboratorium:</b> Testing laboratory:	TÜV Rheinland (Shenzhen) Co., Ltd.			
<b>Prüfergebnis*:</b> Test result*:	Pass			
<b>geprüft von / tested by:</b>		<b>kontrolliert von / reviewed by:</b>		
11.06.2017	Ryan Yang / Assistant Project Manager	12.06.2017	Sam Lin / Technical Certifier	
<b>Datum</b> Date	<b>Name / Stellung</b> Name / Position	<b>Unterschrift</b> Signature	<b>Datum</b> Date	<b>Name / Stellung</b> Name / Position
				<b>Unterschrift</b> Signature
<b>Sonstiges / Other:</b> This is for Class II permissive change. This report is for adding additional model. The new model UR-01C-02A is identical to the original model UR-01C-01A in circuit diagram except for enclosure change and minor modification in non-transmitter portion, hence only radiated emission and conducted emission were applied to model UR-01C-02A only. Refer to TÜV Rheinland report 17053120 001 for details of the original test data. FCC ID: 2AFW3-UR01 IC: 20607-UR01, HVIN: UR-01C-02A				
<b>Zustand des Prüfgegenstandes bei Anlieferung:</b> Condition of the test item at delivery:		<b>Prüfmuster vollständig und unbeschädigt</b> Test item complete and undamaged		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
<b>Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens.</b> This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.				

## TEST SUMMARY

### **5.1.1 ANTENNA REQUIREMENT**

*RESULT: Pass*

### **5.1.2 RADIATED EMISSIONS**

*RESULT: Pass*

### **5.1.3 CONDUCTED EMISSIONS**

*RESULT: Pass*

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## 1. General Remarks

### 1.1 Complementary Materials

All attachments are integral parts of this test report. This applies especially to the following appendix:

Appendix A: Test Results

## 2. Test Sites

### 2.1 Test Facilities

Accurate Technology Co., Ltd.

(FCC Registration No.: 752051 & IC Registration Number: 5077A-2)

F1, Bldg A, Changyuan New Material Port, Keyuan Rd., Science & Industry Park,  
Nanshan District, Shenzhen, 518057, P.R. China

The tests at the test site have been conducted under the supervision of a TÜV engineer.

## 2.2 List of Test and Measurement Instruments

**Table 1: List of Test and Measurement Equipment**

Kind of Equipment	Manufacturer	Type	S/N	Calibrated until
<b>Conducted emissions</b>				
Test Receiver	Rohde & Schwarz	ESCS30	100307	Jan.10, 2018
L.I.S.N.	Schwarzbeck	NLSK8126	8126431	Jan.10, 2018
Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100305	Jan.10, 2018
<b>Radiated emissions</b>				
Spectrum Analyzer	Rohde&Schwarz	FSV40	101495	Jan.10, 2018
Test Receiver	Rohde& Schwarz	ESR	101817	Jul. 29, 2017
Bilog Antenna	Schwarzbeck	VULB9163	9163-194	Jan.14, 2018
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan.14, 2018
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan.14, 2018
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	Jan.10, 2018
RF Switching Unit+PreAMP	Compliance Direction	RSU-M2	38322	Jan.10, 2018
Pre-Amplifier	Agilent	8447D	294A10619	Jan.10, 2018
Pre-Amplifier	Rohde&Schwarz	CBLU1183540-01	3791	Jan.10, 2018

## 2.3 Traceability

All measurement equipment calibrations are traceable to NIST or where calibration is performed outside the United States, to equivalent nationally recognized standards organizations.

## 2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

## 2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table,

Items		Extended Uncertainty
CE	Disturbance Voltage (dBuV)	U=1.94dB, k=2, $\sigma$ =95%
RE (9kHz-30MHz)	Field strength (dBuV/m)	U=3.08dB, k=2, $\sigma$ =95%
RE (30-1000MHz)	Field strength (dBuV/m)	U=4.42dB, k=2, $\sigma$ =95%
RE (above 1000MHz)	Field strength (dBuV/m)	U=4.06dB, k=2, $\sigma$ =95%

## 2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached at Appendix A of this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) file for certification follow-up purposes.

## 2.7 Status of Facility Used for Testing

The Accurate Technology Co., Ltd. facility located at F1, Bldg A, Changyuan New Material Port, Keyuan Rd., Science & Industry Park, Nanshan District, Shenzhen, 518057, P.R. China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

### 3. General Product Information

#### 3.1 Product Function and Intended Use

The EUT is Bluetooth wearable device. It supports Bluetooth 4.0 Low Energy wireless technology.

These two models are identical with RF design except for minor circuitry for non-transmitter portions. Following is difference between these models.

- Both models are sharing an identical RF design (antenna, matching components and peripheral components).
- Chargers charging current resistors are different between the two models.
- Battery is identical.
- Accelerometer and strain gage amplifier are different between the two models.
- All mechanical parts are identical for both models.
- Model UR-01C-01A has multiple assemblies for the same system.
- Model UR-01C-02A is identical to model UR-01C-01A in circuit diagram except for minor modification in non-transmitter portion.

Details refer to following table.

Description	Model UR-01B-01A	Model UR-01C-01A	Model UR-01C-02A	Remarks
<b>Radio Chip</b>	CC2540/CC2541	CC2540/CC2541	Identical to model UR-01C-01A	Both components are from the same family. RF performance unchanged.
<b>Antenna</b>	IFA	IFA	Identical to model UR-01C-01A	Identical design
<b>Charging Current</b>	60-75mA	60-77mA	Identical to model UR-01C-01A	N/A
<b>Charging Current Resistors</b>	2	5	Direct USB connection	N/A
<b>Accelerometer</b>	ADXL362	BMA 2xx or LIS2xx	Less components assembled, modification in non-transmitter portion	Model UR-01C-01A has double foot print, only one is assembled
<b>Amplifier</b>	AD8426	INA 326 or INA2xx with/without MCP6001	Less components assembled, modification in non-transmitter portion	Model UR-01C-01A has double foot print, only one is assembled, with its peripheral resistors
<b>Enclosure</b>	Same	Same	Different	--

\*x- may be any number or character, indicate for various components from the same family.

For details refer to the User Manual, Technical Description and Circuit Diagram.

## 3.2 Ratings and System Details

**Table 2: Technical Specification of EUT**

Technical Specification	Value
Kind of Equipment:	Bluetooth Wearable Device (UpRight)
Type Designation:	UR-01B-01A, UR-01C-01A, UR-01C-02A
FCC ID:	2AFW3-UR01
IC:	20607-UR01
Type of Equipment:	Class B digital equipment
Equipment Class:	DTS
Wireless Technology:	Bluetooth 4.0 Low Energy
Operating Frequency Range:	2402-2480MHz for Bluetooth
Channel Number:	40 channels for Bluetooth 4.0 Low Energy
Channel Separation:	2MHz for Bluetooth 4.0 Low Energy
Type of Modulation:	GFSK for Bluetooth 4.0 Low Energy
Operating Voltage:	DC 5V via UpRight Charger for charging DC 3.7V via Internal Lithium-ion Battery
Operating Temperature Range:	0°C to 40°C
Antenna Type:	IFA Antenna for Bluetooth
Smart Antenna Systems:	Not Applicable
Number of Antenna:	1 for Bluetooth
Antenna Gain:	Max. 5.3dBi for Bluetooth

**Table 3: Marketed UpRight Charger**

Description	Manufacturer	Model	S/N	Rating	Remark
UpRight Charger	UpRight Technologies LTD	CH-51A-51A, CH-51A-51B	--	Input: DC 5V, 0.12A Output: DC 5V, 0.12A	Only for model UR-01B-01A and UR-01C-01A



**Table 4: List of Radio Frequency Channel, Bluetooth 4.0 Low Energy**

RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)	RF Channel	Frequency (MHz)
0	2402.00	11	2424.00	22	2446.00	33	2468.00
1	2404.00	12	2426.00	23	2448.00	34	2470.00
2	2406.00	13	2428.00	24	2450.00	35	2472.00
3	2408.00	14	2430.00	25	2452.00	36	2474.00
4	2410.00	15	2432.00	26	2454.00	37	2476.00
5	2412.00	16	2434.00	27	2456.00	38	2478.00
6	2414.00	17	2436.00	28	2458.00	39	2480.00
7	2416.00	18	2438.00	29	2460.00	--	--
8	2418.00	19	2440.00	30	2462.00	--	--
9	2420.00	20	2442.00	31	2464.00	--	--
10	2422.00	21	2444.00	32	2466.00	--	--

### 3.3 Independent Operation Modes

The basic operation modes are:

- A. Bluetooth operation, transmitting
  - a. Low Channel
  - b. Mid Channel
  - c. High Channel
- B. Bluetooth operationg, receiving
  - a. Low Channel
  - b. Mid Channel
  - c. High Channel
- C. Battery Charging via AC/DC adapter
- D. Off

### 3.4 Noise Generating and Noise Suppressing Parts

Refer to the Circuit Diagram.

### 3.5 Submitted Documents

- Bill of Material	- Circuit Diagram
- PCB Layout	- Instruction Manual
- Photo Document	- Rating Label

## 4. Test Set-up and Operation Modes

### 4.1 Principle of Configuration Selection

**Emission:** The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

### 4.2 Test Operation and Test Software

Due to difference describe in clause 3.1, all tests were applied to model UR-01C-02A only, only radiated emissions and conducted emissions were applied to this model for demonstrate compliance with the requirement.

### 4.3 Special Accessories and Auxiliary Equipment

**Table 5: List of Accessories and Auxiliary Equipment**

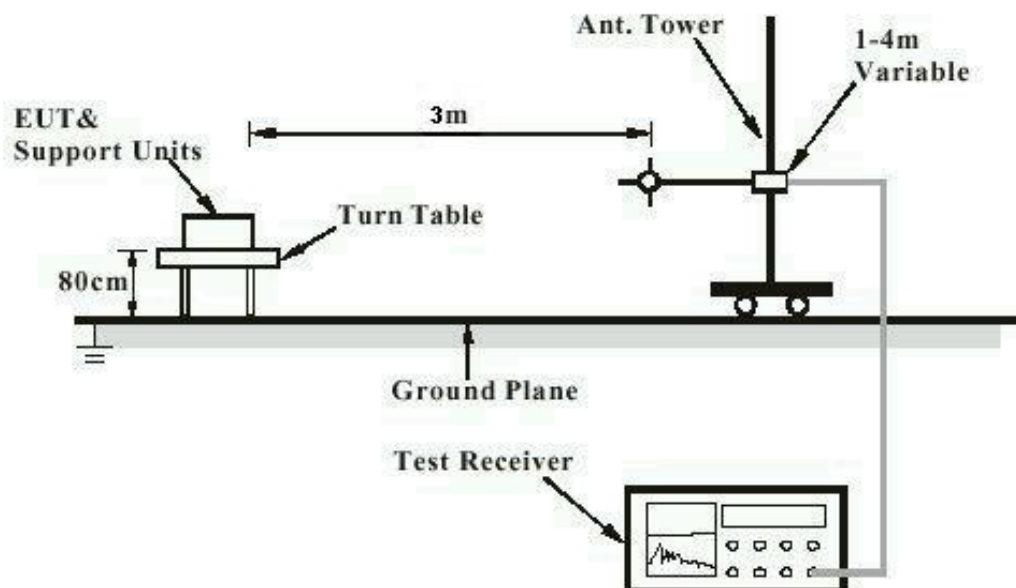
Description	Manufacturer	Model	S/N	Rating
Laptop	Lenovo	ThinkPad X240	PD-01UAM3	Input: DC 20V, 3.25A
Standard AC/DC Adapter	Samsung	ETA-U90CBC	SC2D312GS/B-E	Input: 100-240V, 0.35A Output: DC 5.0V, 2.0A

### 4.4 Countermeasures to achieve EMC Compliance

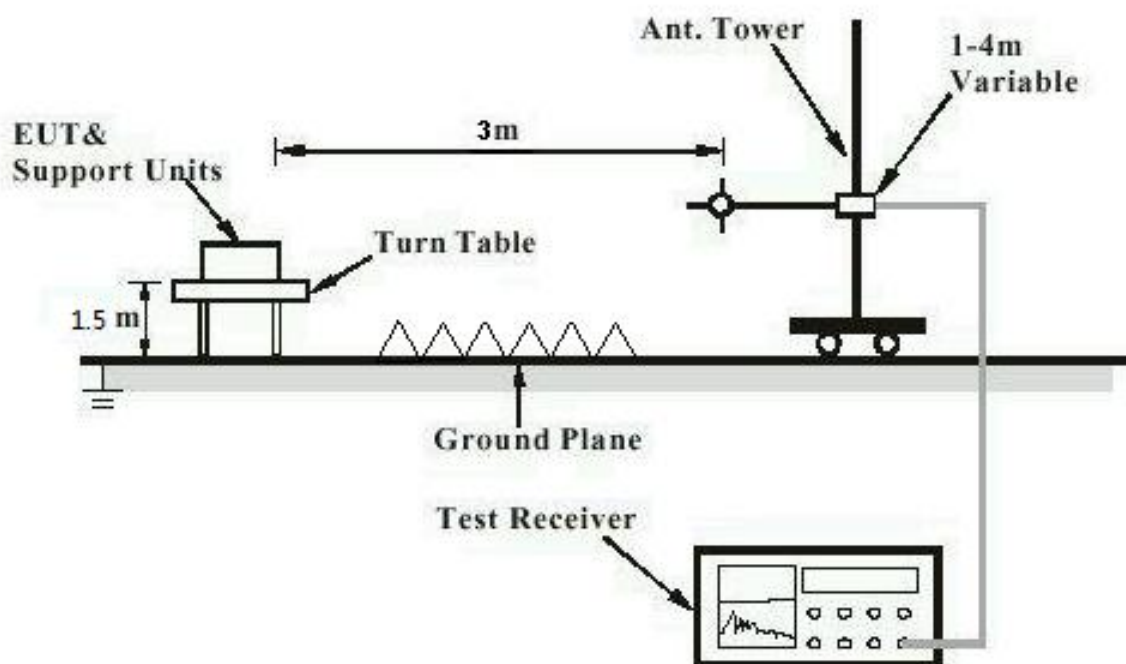
The test sample which has been tested contained the noise suppression parts as described in the Constructional Data Form or the Technical Construction File. No additional measures were employed to achieve compliance.

## 4.5 Test Setup Diagram

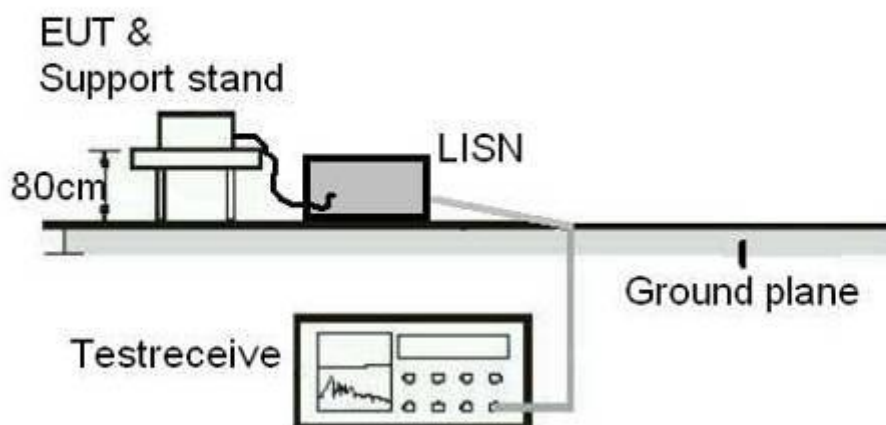
### Diagram of Measurement Configuration for Radiation Test below 1 GHz



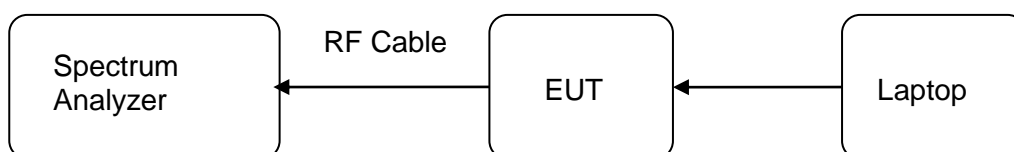
### Diagram of Measurement Configuration for Radiation Test above 1 GHz



### Diagram of Measurement Equipment Configuration for Conduction Measurement



### Diagram of Measurement Equipment Configuration for Transmitter Measurement



## 5. Test Results

### 5.1 Transmitter Requirement & Test Suites

#### 5.1.1 Antenna Requirement

**RESULT:****Pass**

Test date	:	2017-04-20 to 2017-05-12
Test standard	:	FCC Part 15.247(b)(4) and Part 15.203
Limit	:	the use of antennas with directional gains that do not exceed 6 dBi

According to the manufacturer declared, the EUT has an internal antenna, the directional gain of antenna is 5.3dBi for Bluetooth, and the antenna connector is designed with permanent attachment and no consideration of replacement. Therefore the EUT is considered sufficient to compliance the provision.

Refer to EUT photo for details.

## 5.1.2 Radiated emissions

**RESULT:****Pass**

Date of testing	:	2017-04-20 to 2017-05-12
Test standard	:	FCC Part 15.109 ICES-003 Issue 5
Basic standard	:	ANSI C63.4: 2014
Frequency range	:	30 – 6000MHz
Limits	:	FCC Part 15.109(a) Table 5 of ICES-003
Kind of test site	:	3m Semi-Anechoic Chamber

**Test Setup**

Input Voltage	:	DC 5V (via AC/DC adapter)
Operation Mode	:	C
Ambient temperature	:	23°C
Relative humidity	:	50%
Atmospheric pressure	:	101.0 kPa

The highest frequency of the internal sources of the EUT is less than 108 MHz, the measurement shall only be made up to 6 GHz.

Refer to attached Appendix A for details.

### 5.1.3 Conducted emissions

**RESULT:****Pass**

Date of testing	:	2017-04-20 to 2017-05-12
Test standard	:	FCC Part 15.107 RSS-Gen Clause 8.8 ICES-003 Issue 5
Basic standard	:	ANSI C63.4: 2014 ANSI C63.10:2013
Frequency range	:	0.15MHz – 30MHz
Limits	:	FCC Part 15.107(a) Table 3 of RSS-Gen Table 2 of ICES-003
Kind of test site	:	Shield Room

**Test Setup**

Input Voltage	:	DC 5V (via AC/DC adapter)
Operation Mode	:	C
Ambient temperature	:	23°C
Relative humidity	:	50%
Atmospheric pressure	:	101.0 kPa

Refer to attached Appendix A for details.



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# Appendix A

## Test Results

**APPENDIX A.1: RADIATED EMISSIONS, MODEL UR-01C-02A WITH AC/DC ADAPTER..... 2**  
BATTERY CHARGING VIA AC/DC ADAPTER ..... 2

**APPENDIX A.2: CONDUCTED EMISSIONS, MODEL UR-01C-02A WITH AC/DC ADAPTER ..... 6**  
BATTERY CHARGING VIA AC/DC ADAPTER ..... 6

**Appendix A.1: Radiated Emissions, Model UR-01C-02A with AC/DC adapter**  
Battery Charging via AC/DC adapter



**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: TUV2017 #1239

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: Bluetooth Wearable Device (UpRight)

Mode: D

Model: UR-01C-02A

Manufacturer: UpRight

Polarization: Vertical

Power Source: AC 120V/60Hz

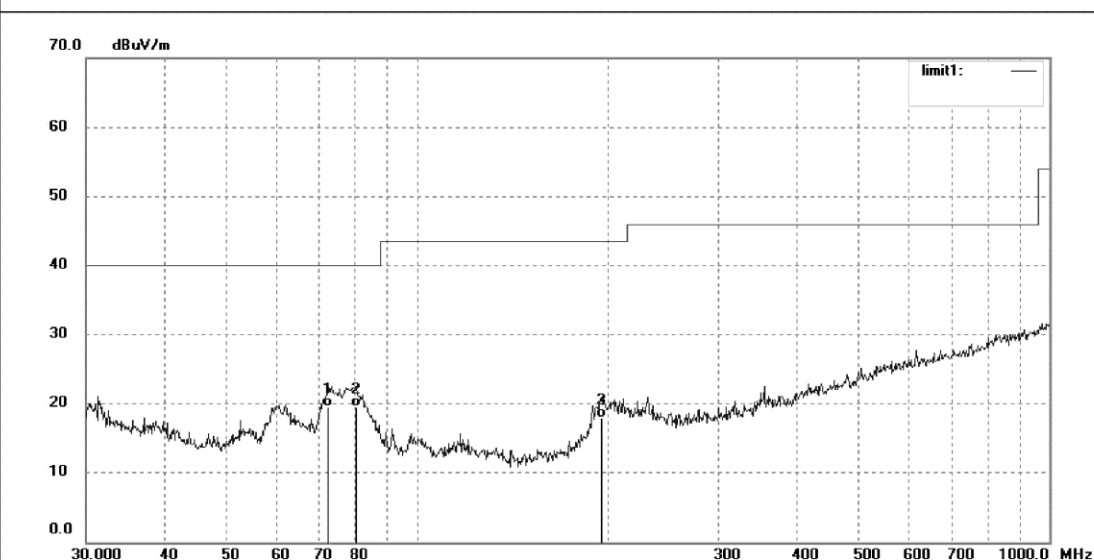
Date: 2017-4-21

Time:

Engineer Signature: LGWADE

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	72.3375	35.81	-16.38	19.43	40.00	-20.57	QP			
2	80.3619	35.94	-16.38	19.56	40.00	-20.44	QP			
3	195.8220	30.28	-12.30	17.98	43.50	-25.52	QP			

**ACCURATE TECHNOLOGY CO., LTD.**
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: TUV2017 #1240

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: Bluetooth Wearable Device (UpRight)

Mode: D

Model: UR-01C-02A

Manufacturer: UpRight

Polarization: Horizontal

Power Source: AC 120V/60Hz

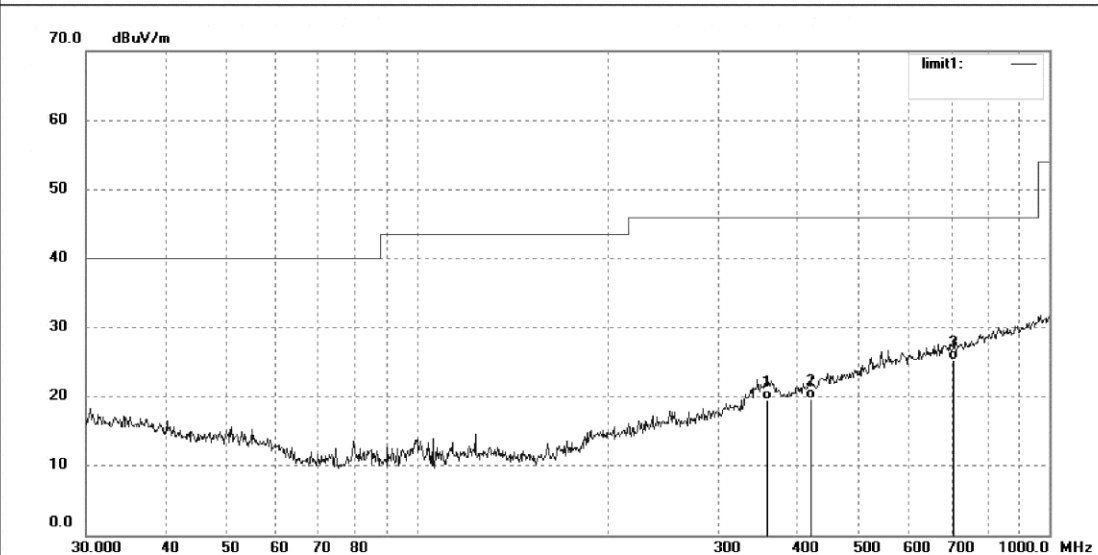
Date: 2017-4-21

Time:

Engineer Signature: LGWADE

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	357.9286	26.78	-7.30	19.48	46.00	-26.52	QP			
2	419.1080	25.56	-5.79	19.77	46.00	-26.23	QP			
3	706.6997	26.22	-0.92	25.30	46.00	-20.70	QP			



**ACCURATE TECHNOLOGY CO., LTD.**

F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: TUV2017 #1245

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: Bluetooth Wearable Device (UpRight)

Mode: D

Model: UR-01C-02A

Manufacturer: UpRight

Polarization: Horizontal

Power Source: AC 120V/60Hz

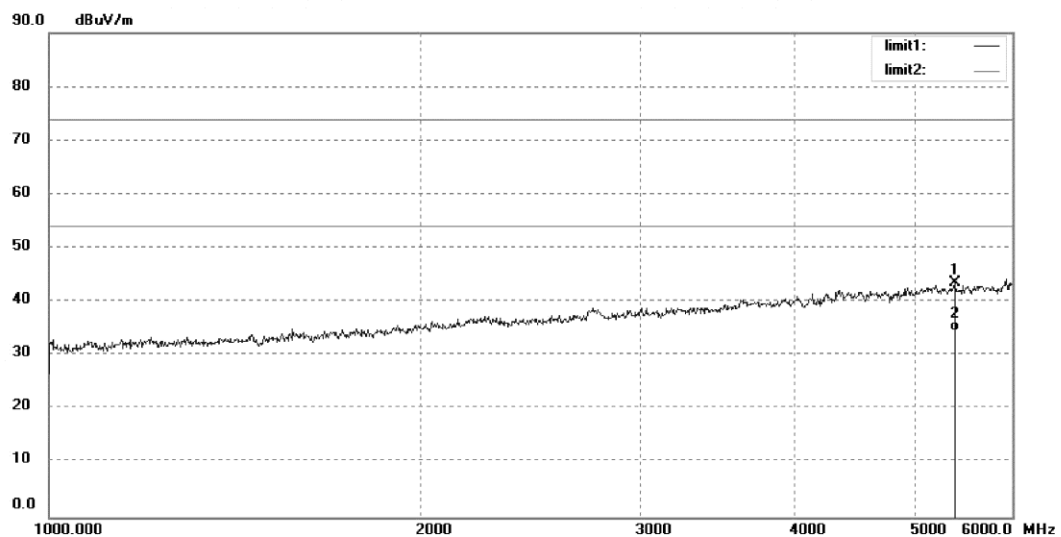
Date: 2017-4-21

Time:

Engineer Signature: LGWADE

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5388.429	36.74	6.84	43.58	74.00	-30.42	peak			
2	5388.429	27.81	6.84	34.65	54.00	-19.35	AVG			

**ACCURATE TECHNOLOGY CO., LTD.**
 F1,Bldg,A,Changyuan New Material Port Keyuan Rd,  
 Science & Industry Park,Nanshan Shenzhen,P.R.China

Site: 2# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: TUV2017 #1246

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 23 C / 48 %

EUT: Bluetooth Wearable Device (UpRight)

Mode: D

Model: UR-01C-02A

Manufacturer: UpRight

Polarization: Vertical

Power Source: AC 120V/60Hz

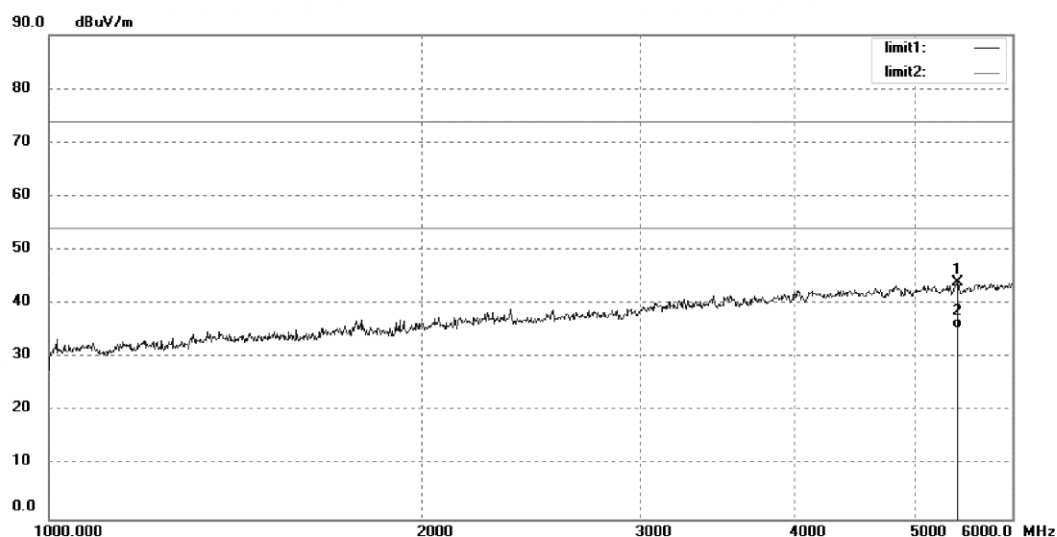
Date: 2017-4-21

Time:

Engineer Signature: LGWADE

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	5417.471	37.10	6.93	44.03	74.00	-29.97	peak			
2	5417.471	28.48	6.93	35.41	54.00	-18.59	AVG			

## Appendix A.2: Conducted Emissions, Model UR-01C-02A with AC/DC adapter Battery Charging via AC/DC adapter

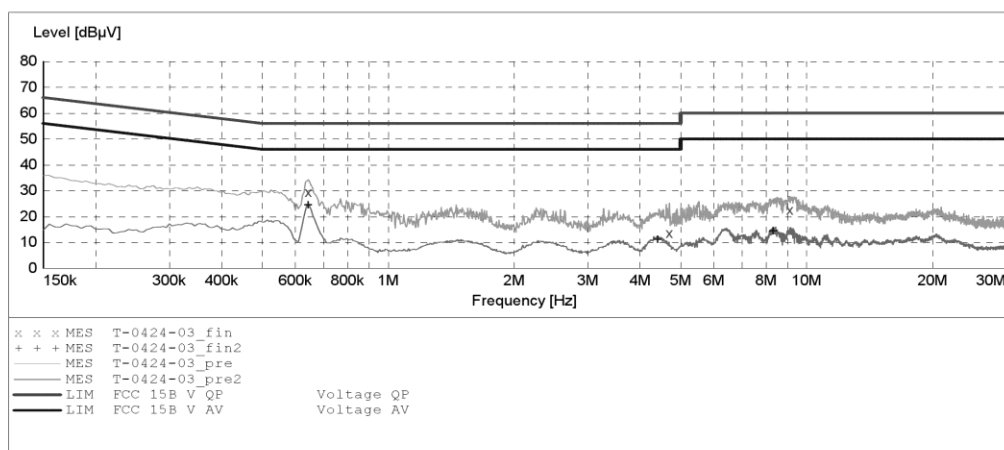
ACCURATE TECHNOLOGY CO., LTD

### CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: Bluetooth Wearable Device (UpRight) M/N:UR-01C-02A  
Manufacturer: UpRight  
Operating Condition: D  
Test Site: 1#Shielding Room  
Operator: Wade  
Test Specification: N 120V/60Hz  
Comment: Mains Port  
Start of Test: 4/24/2017 /

### SCAN TABLE: "V 9K-30MHz fin"

Short Description: SUB\_STD\_VTERM2 1.70  
Start Stop Step Detector Meas. IF Transducer  
Frequency Frequency Width Time Bandw.  
9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008  
Average  
150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008  
Average



### MEASUREMENT RESULT: "T-0424-03\_fin"

4/24/2017

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.645000	29.30	10.8	56	26.7	QP	N	GND
4.700000	13.50	11.1	56	42.5	QP	N	GND
9.120000	22.50	11.3	60	37.5	QP	N	GND

### MEASUREMENT RESULT: "T-0424-03\_fin2"

4/24/2017

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.645000	24.30	10.8	46	21.7	AV	N	GND
4.410000	11.00	11.1	46	35.0	AV	N	GND
8.320000	14.40	11.3	50	35.6	AV	N	GND

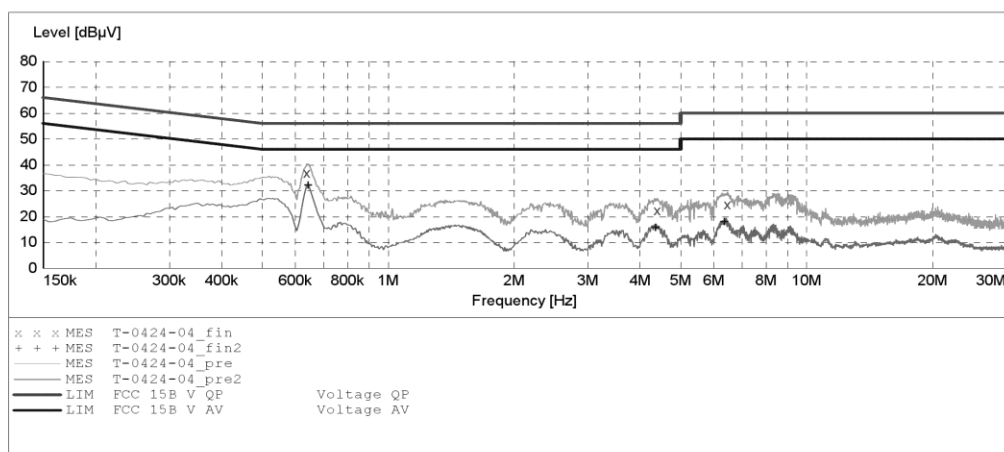
**ACCURATE TECHNOLOGY CO., LTD**

**CONDUCTED EMISSION STANDARD FCC PART 15 B**

EUT: Bluetooth Wearable Device (UpRight) M/N:UR-01C-02A  
 Manufacturer: UpRight  
 Operating Condition: D  
 Test Site: 1#Shielding Room  
 Operator: Wade  
 Test Specification: L 120V/60Hz  
 Comment: Mains Port  
 Start of Test: 4/24/2017 /

**SCAN TABLE: "V 9K-30MHz fin"**

Short Description: \_SUB\_STD VTERM2 1.70  
 Start Stop Step Detector Meas. IF Transducer  
 Frequency Frequency Width Time Bandw.  
 9.0 kHz 150.0 kHz 100.0 Hz QuasiPeak 1.0 s 200 Hz NSLK8126 2008  
 Average  
 150.0 kHz 30.0 MHz 5.0 kHz QuasiPeak 1.0 s 9 kHz NSLK8126 2008  
 Average



**MEASUREMENT RESULT: "T-0424-04\_fin"**

4/24/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.640000	36.80	10.8	56	19.2	QP	L1	GND
4.400000	22.40	11.1	56	33.6	QP	L1	GND
6.470000	24.60	11.2	60	35.4	QP	L1	GND

**MEASUREMENT RESULT: "T-0424-04\_fin2"**

4/24/2017

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.645000	31.90	10.8	46	14.1	AV	L1	GND
4.360000	15.70	11.1	46	30.3	AV	L1	GND
6.370000	18.00	11.2	50	32.0	AV	L1	GND