



RF Exposure Evaluation Report

Application No.: SZEM2009009954CR
Applicant: Shenzhen Gotron Electronic CO., LTD.
Address of Applicant: 518, 5F, R&D building, Tsinghua Hi-Tech park, Nanshan district, Shenzhen 518057 P.R. China
Manufacturer: Shenzhen Gotron Electronic CO., LTD.
Address of Manufacturer: 518, 5F, R&D building, Tsinghua Hi-Tech park, Nanshan district, Shenzhen 518057 P.R. China
Equipment Under Test (EUT):
Product Name: Smart Sports Watch
Model No.: Ulefone Watch
Trade Mark: ulefone
Standards: EN 62479:2010
Date of Receipt: 2019-08-13 (for original report SZEM190801743703)
Date of Test: 2019-08-14 to 2019-08-17 (for original report SZEM190801743703)
2019-08-26 (for original report SZEM190801743703)
Date of Issue: 2020-10-09 (for new report SZEM200900995403)

Test Result:	PASS *
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* In the configuration tested, the EUT detailed in this report complied with the standards specified above.

The CE mark as shown below can be used, under the responsibility of the manufacturer, after completion of an EU Declaration of Conformity and compliance with all relevant EU Directives.

Keny Xu

Keny Xu
EMC Laboratory Manager



SGS-CSTC Standards Technical Services Co., Ltd.
Shenzhen Branch (EMC Laboratory)

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Shenzhen Branch

Report No.: SZEM200900995403

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Revision Record				
Version	Chapter	Date	Modifier	Remark
01		2020-10-09		Original

Authorized for issue by:				
				
		Bill Chen /Project Engineer		
				
		Eric Fu /Reviewer		



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3 General Information of EUT

Power supply:	DC 3.8V by rechargeable battery which charged from USB port
Cable:	USB cable: 60cm, Unshielded
Operation Frequency:	2402MHz to 2480MHz
Bluetooth Version:	V4.2
Modulation Type:	GFSK
Number of Channels:	40
Channel Spacing:	2MHz
Antenna Type:	FPC Antenna
Antenna Gain:	-0.49dBi
EIRP:	-0.75dBm(0.84mW)*
*	The EIRP data refer to the report SZEM200900995402.

Remark:

Original model No. in report SZEM190801743703: ID205L.

The model ID205L was only tested in report SZEM190801743703.

New model No. in report SZEM200900995403: Ulefone Watch

This report was an additional report copied from the report SZEM190801743703, just deleted the information of factory and changed the applicant, manufactory, product description, model No. and trade mark. Since according to the declaration from the applicant, the electrical circuit design, layout, components used and internal wiring for the model in the report SZEM190801743703 were exactly the same as the model in this report, only different on mode name.

Therefore original data were kept in this report.



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3.1 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

No. 1 Workshop, M-10, Middle section, Science & Technology Park, Shenzhen, Guangdong, China
518057

Telephone: +86 (0) 755 2601 2053 Fax: +86 (0) 755 2671 0594

No tests were sub-contracted.

3.2 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **A2LA (Certificate No. 3816.01)**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

- **VCCI**

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

- **FCC –Designation Number: CN1178**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1178. Test Firm Registration Number: 406779.

- **Innovation, Science and Economic Development Canada**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0006.

IC#: 4620C.

3.3 Deviation from Standards

None.

3.4 Abnormalities from Standard Conditions

None.

3.5 Other Information Requested by the Customer

None.



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4 EN 62479 REQUIREMENT

4.1 General Description of Applied Standards

Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human exposure to electromagnetic fields (10 MHz to 300 GHz)

4.2 Human exposure to the Electromagnetic fields

This International Standard provides simple conformity assessment methods for low-power electronic and electrical equipment to an exposure limit relevant to electromagnetic fields (EMF). If such equipment cannot be shown to comply with the applicable EMF exposure requirements using the methods included in this standard for EMF assessment, then other standards, including IEC 62311 or other (EMF) product standards, may be used for conformity assessment.

4.3 RF Exposure Evaluation

4.3.1 Limit

According to EN 62479 clause 4.2 Low-power electronic and electrical equipment is deemed to comply with the provisions of this standard if it can be demonstrated using routes B, C or D that the available antenna power and/or the average total radiated power is less than or equal to the applicable low-power exclusion level P_{max} .

$P_{max} = 20 \text{ mW}$ (13 dBm) according to ICNIRP guidelines, since the EUT is General public used.

Remark:

- B: The input power level to electrical or electronic components that are capable of radiating electromagnetic energy in the relevant frequency range is so low that the available antenna power and/or the average total radiated power cannot exceed the low-power exclusion level defined in EN 62479 clause 4.2
- C: The available antenna power and/or the average total radiated power are limited by product standards for transmitters to levels below the low-power exclusion level defined in EN 62479 clause 4.2
- D: Measurements or calculations show that the available antenna power and/or the average total radiated power are below the low-power exclusion level defined in EN 62479 clauses 4.2.

4.3.2 Test Result

The EIRP of the EUT is -0.75dBm(0.84mW) which is below the max permitted sending level of 20 mW, and then the EUT is not need to conduct SAR measurement.

5 EUT Photos

Refer to Appendix A - Photographs of EUT Constructional Details for SZEM2009009954CR.

- End of the Report -

