

# Lumi United Technology Co., Ltd.

## CE TEST REPORT

### SCOPE OF WORK:

Article 3.1a health of RE directive (2014/53/EU) – EMF report

**Model:**  
SSM-U02

**REPORT NUMBER**  
200700673SHA-003

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**Applicant** : Lumi United Technology Co., Ltd.  
8th Floor, JinQi Wisdom Valley, No.1 Tangling Road, Liuxian Ave,  
Taoyuan Residential District, Nanshan District, Shenzhen. China

**Manufacturer** : Same as applicant

**Manufacturing site** : CHINAGPS CO., LTD.  
F1-3, Manufacturing Center, No.1, SEG Navigation Science and  
Technology Park, Baolong Industrial City, Longgang District,  
Shenzhen P.R.China

### Summary

The equipment complies with the requirements according to the following standard(s) or Specification:

**1999/519/EC:** COUNCIL RECOMMENDATION of 12 July 1999 on the limitation of exposure of the general public to electromagnetic fields (0 Hz to 300 GHz)

**EN 50663: 2017:** Generic standard for assessment of low power electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (10MHz – 300GHz)

**EN 62479: 2010:** 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)

**PREPARED BY:**

**REVIEWED BY:**



Project Engineer  
Eric Li

Reviewer  
Wakeyou Wang

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**Revision History**

<b>Report No.</b>	<b>Version</b>	<b>Description</b>	<b>Issued Date</b>
200700673SHA-003	Rev. 01	Initial issue of report	July 3, 2020
200700673SHA-003	Rev. 01	Client update the rating voltage 250V~ to 100-250V~, we add the 120V~ data	August 28, 2020

## Appendix I

According to relevant limit showed in Appendix II of this report, the low-power exclusion level for the EUT is 20mW.

As we can see from the test report 200700673SHA-001:

The maximum radiated power is 9.52dBm less than 10dBm = 10mW

Conclusion: This device complies with requirements of 2014/53/EU (Article 3.1a, human exposure to Electromagnetic Fields).

**Appendix II**

**Limit for Electromagnetic Exposure Evaluation**

Low-power exclusion level for EN 62479:

Guideline / Standard	$P_{max}$ (mW)	Exposure tier	Region of body
ICNIRP	20	General public	Head and trunk
	40	General public	Limbs
	100	Occupational	Head and trunk
	200	Occupational	Limbs

Low-power exclusion level for EN 50663:

Exposure tier	Region of body	$P_{max}$ (mW)
General public	Head and trunk	20
	Limbs	40
Workers	Head and trunk	100
	Limbs	200

\*\*\*\*\* END \*\*\*\*\*