

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-U01

REPORT NUMBER
200501653SHA-003

ISSUE DATE
August 28, 2020

DOCUMENT CONTROL NUMBER
TTRF62479_V1
© 2018 Intertek



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

This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

Revision History

Report No.	Version	Description	Issued Date
200501653SHA-003	Rev. 01	Initial issue of report	June 30, 2020
200501653SHA-003	Rev. 02	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 200501653SHA-001:

The maximum radiated power is 9.95dBm 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 *****