

# HEALTH TEST REPORT

**Sample :** Omega 2S

**Trade Name :** N/A

**Main Model :** OM-O2SP

**Additional Model :** OM-O2S, OM-O2SU

**Report No. :** UNIA21110809ER-03

## Prepared for

Onion Corporation

895 Don Mills Road, Tower-2, Suite 900, Toronto, Ontario, M3C 1W3, Canada

## Prepared by

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## TEST RESULT CERTIFICATION

**Applicant** ..... : Onion Corporation  
**Address** ..... : 895 Don Mills Road, Tower-2, Suite 900, Toronto, Ontario, M3C 1W3, Canada  
**Manufacturer** ..... : Onion Corporation  
**Address** ..... : 895 Don Mills Road, Tower-2, Suite 900, Toronto, Ontario, M3C 1W3, Canada  
**Product description**  
**Product**..... : Omega 2S  
**Trade Name**..... : N/A  
**Model Name** ..... : OM-O2SP, OM-O2S, OM-O2SU  
**Standards**..... : EN 50663:2017  
                               : EN 62479:2010

**Date of Test** ..... :  
**Date (s) of performance of tests**..... : Nov. 08, 2021 ~ Nov. 11, 2021  
**Date of Issue**..... : Nov. 25, 2021  
**Test Result**..... : Pass

Prepared by:

kahn.yang

Kahn yang /Editor

Reviewer:

sky dong

Sky dong/Supervisor

Approved &amp; Authorized Signer:

liuze

Liuze/Manager

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## 1 TEST LOCATION

Test Laboratory : Shenzhen United Testing Technology Co., Ltd.

Address : 2F, Annex Bldg, Jiahuangyuan Tech Park, #365 Baotian 1 Rd, Tiegang Community, Xixiang Str, Bao'an District, Shenzhen, China

## 2 GENERAL INFORMATION

The following information of EUT submitted and identified by applicant:

<b>Product:</b>	Omega 2S
<b>Trade Name:</b>	N/A
<b>Main Model:</b>	OM-O2SP
<b>Additional Model:</b>	OM-O2S, OM-O2SU
<b>Model Difference:</b>	All model's the function, software and electric circuit are the same, only with a product color and model named different. Test sample model: OM-O2SP.
<b>Frequency Range:</b>	WiFi 2.4G 802.11b/g/n(HT20): 2412~2472 MHz WiFi 2.4G 802.11n(HT40): 2422~2462 MHz
<b>Number of Channels:</b>	802.11b/g/n(HT20): 13CH 802.11n(HT40): 9CH
<b>Modulation Type:</b>	WiFi 2.4G 802.11b/g/n(HT20): 2412~2472 MHz WiFi 2.4G 802.11n(HT40): 2422~2462 MHz
<b>Power supply:</b>	DC 3.3V
<b>Product Description:</b>	The EUT is an Omega 2S.  Based on the application, features, or specification exhibited in User's Manual, more details of EUT technical specification, please refer to the User's Manual.

### 3 GENERAL INFORMATION AND LIMIT

Equipment complying with the requirements for the general public is deemed to comply with the requirements for workers without further testing.

The conformity assessment to demonstrate equipment compliance shall be made according to EN 62479:2010, 4.1 and Clause 6.

If routes B, C or D of 4.1 of EN 62479:2010 are followed then the values of Pmax, as described in 4.2 of EN 62479:2010 and given in Annex A of EN 62479:2010, shall be met in below Table

Exposure tier	Region of body	Pmax(mW)
General public	Head and trunk	20
	Limbs	40
Workers	Head and trunk	100
	Limbs	200

1. Typical usage, installation and the physical characteristics of equipment make it inherently compliant with the applicable EMF exposure levels such as those listed in the bibliography. This low-power equipment includes unintentional (or non-intentional) radiators, for example incandescent light bulbs and audio/visual (A/V) equipment, information technology equipment (ITE) and multimedia equipment (MME) that does not contain radio transmitters.

NOTE Equipment is described as A/V equipment, ITE or MME if its main use is playback/recording of music, voice or images, or processing of digital information.

2. 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 4.2.

3. 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 4.2.

4. 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 4.2.

### 4 RESULT

The available antenna power of EUT is 11.63dBm < 13.01dBm, the power is below the low-power exclusion level defined in 4.2(Pmax: 20mW).

\*\*\*End of Report\*\*\*



## Statement

- 1.This report must have the signature of the authorized signatory and the special seal of the report, otherwise it will be considered invalid. If there is no anti-counterfeiting electronic seal of the laboratory in the report in PDF format or it is displayed as "x", the report is invalid.
- 2.This report shall not be modified, added or deleted without authorization.
- 3.The results of this report are only valid for the EUT provided by Applicant to our laboratory for inspection (That is,EUT received by our laboratory.Without special explanation, it refers to the samples presented in the report " PHOTO OF EUT ").
- 4.If there is any objection to the test data and conclusions of this report, please submit it in writing within 10 working days after the date of issuance of the report.
- 5.Without the written consent of the laboratory, this report shall not be copied (except for full copy), nor shall it be used as publicity materials or advertising.
- 6.The cover of the report is for decoration only, not included in the body of the report.
- 7.The paper report issued by our laboratory has the same effect as the electronic report. In case of any difference between the two, the electronic report shall prevail.
- 8.The Chinese and English reports issued by our laboratory have the same effect. In case of any difference in understanding, the Chinese version shall prevail.
- 9.Please provide the complete report documents issued by our laboratory when inquiring the report.
- 10.For cases where compliance is determined based on test values, when relevant specifications, standards, documents, and customers have no relevant requirements and no other special instructions, the test report issued by this laboratory is carried out in full value and adopts ILAC-G8:09 /2019 "Simple Acceptance Rule" for judgment.
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