

HEALTH TEST REPORT

Product : Omega 2S

Trade Name : N/A

Model Name : OM-O2S

Serial Model : OM-O2SP, OM-O2ST

Report No. : UNIA19042502HR-01

Prepared for

Onion Corporation

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

Prepared by

Shenzhen United Testing Technology Co., Ltd.

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TEST RESULT CERTIFICATION

Applicant's name.....: Onion Corporation

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

Manufacture's Name.....: Onion Corporation

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

Product description

Product name.....: Omega 2S

Trade Mark.....: N/A

Model and/or type reference : OM-O2S, OM-O2SP, OM-O2ST

Standards.....: EN 50663:2017

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Date of Test.....:

Date (s) of performance of tests.....: Apr. 25, 2019 ~ Apr. 30, 2019

Date of Issue.....: Apr. 30, 2019

Test Result.....: Pass

Prepared by:

Bob Liao

Bob Liao/Editor

Reviewer:



Kahn yang/Supervisor

Approved & Authorized Signer:

Liuze

Liuze/Manager



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1 TEST FACTORY

Test Firm : 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

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19. The testing quality system of our laboratory meets with ISO/IEC-17025 requirements, which is approved by CNAS. This approval result is accepted by MRA of APLAC.

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

CNAS-LAB Code: L6494

The EMC Laboratory has been assessed and in compliance with CNAS-CL01 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:2017 General Requirements) for the Competence of testing Laboratories.

Designation Number: CN1227

Test Firm Registration Number: 674885

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files.

2 GENERAL INFORMATION

Equipment:	Omega 2S				
Trade Mark:	N/A				
Model Name:	OM-O2S				
Serial No.:	OM-O2SP, OM-O2ST				
Model Difference:	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-O2S.				
Frequency Range:	WiFi 2.4G 802.11b/g/n(HT20): 2412~2472 MHz WiFi 2.4G 802.11n(HT40): 2422~2462 MHz				
Number of Channels:	802.11b/g/n(HT20): 13CH 802.11n(HT40): 9CH				
Modulation Type:	CCK, OFDM, DBPSK, DAPSK				
Product Description:	<p>The EUT is a Omega 2S.</p> <table border="1"> <tr> <td>Operating frequency:</td><td>N/A</td></tr> <tr> <td>Connecting I/O port:</td><td>N/A</td></tr> </table> <p>Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as an ITE/Computing Device. More details of EUT technical specification, please refer to the User's Manual.</p>	Operating frequency:	N/A	Connecting I/O port:	N/A
Operating frequency:	N/A				
Connecting I/O port:	N/A				

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 11.61 dBm < 13.01dBm, the power is below the low-power exclusion level defined in 4.2(Pmax: 20mW).

End of Report