

Onion Corporation

HEALTH REPORT

Prepared For:	Onion Corporation 187 Denison Street, Markham, ON, Canada L3R 1B5
Product Name:	Omega 2
Trade Name:	N/A
Model:	OM-2, OM-2P
Prepared By:	Shenzhen United Testing Technology Co., Ltd. 2F, Annex Bldg, Jiahuangyuan Tech Park, #365 Baotian 1 Rd, Tiegang Community, Xixiang Str, Bao'an District, Shenzhen, China
Test Date:	Aug., 04, 2017 – Aug., 14, 2017
Date of Report:	Aug., 14, 2017
Report No.:	UNI2017081417HR-01

TEST REPORT DECLARATION

Applicant	:	Onion Corporation
Address	:	187 Denison Street, Markham, ON, Canada L3R 1B5
Manufacturer	:	Onion Corporation
Address	:	187 Denison Street, Markham, ON, Canada L3R 1B5
EUT Description	:	Omega 2
Model Number	:	OM-2, OM-2P

Test Standards:

EN62479:2010

The EUT described above is tested by Shenzhen United Testing Technology Co., Ltd. EMC Laboratory to determine the maximum emissions from the EUT and ensure the EUT to be compliance with the immunity requirements of the EUT. Shenzhen United Testing Technology Co., Ltd. Laboratory is assumed full responsibility for the accuracy of the test results. Also, this report shows that the EUT technically complies with the 2014/53/EU directive and its amendment requirements.

The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the laboratory.

Prepared by:

Kahn Yang
Kahn yang/Editor

Reviewer:

Sherwin Qian
Sherwin Qian/Supervisor

Approved & Authorized Signer:

Liuze/Manager

Introduction

According to its specifications, the EUT must comply with the requirements of the following standards:

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)]

Limit

A. 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.

B. The input power level to electrical or electronic components that is 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.

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 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 4.2.

RF EXPOSURE MEASUREMENT

Introduction

The justification for this criterion is that the most stringent basic restriction at frequencies between 10 MHz and 10 GHz is on localized SAR in the head. Any device with output power below 20 mW cannot produce an exposure exceeding this restriction under the most pessimistic exposure conditions.

20mW=13.01dBm

Test data

WIFI:

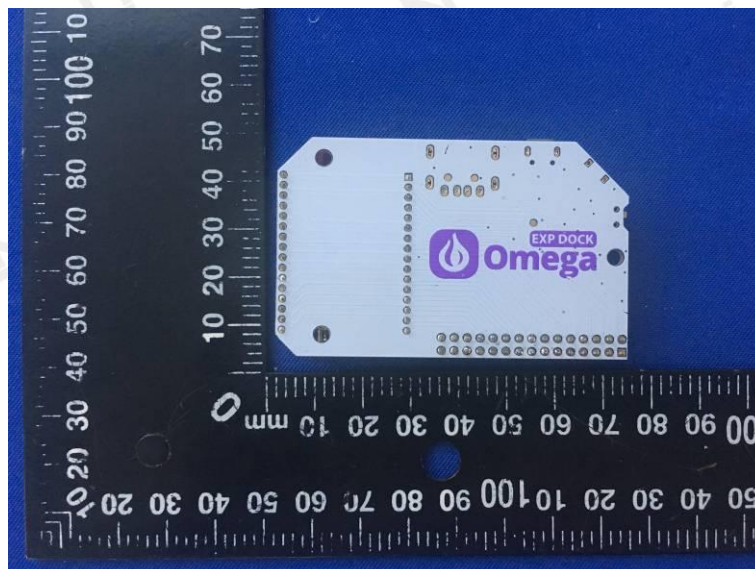
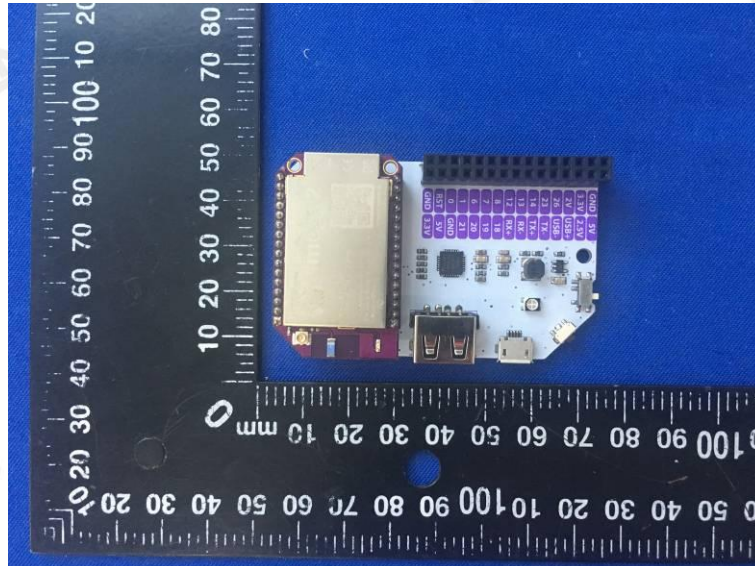
The EUT was tested EIRP: **9.2dBm < 13.01dBm**, the power are below the low-power exclusion level defined in 4.2 (Pmax: 20mW).

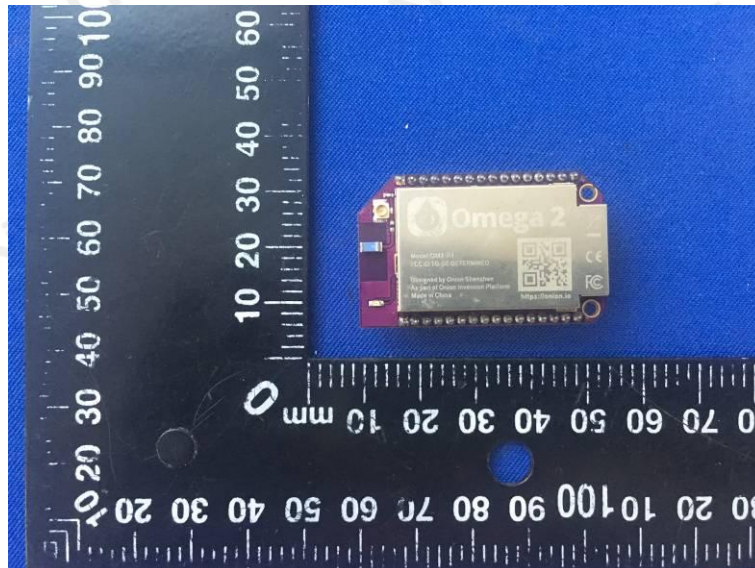
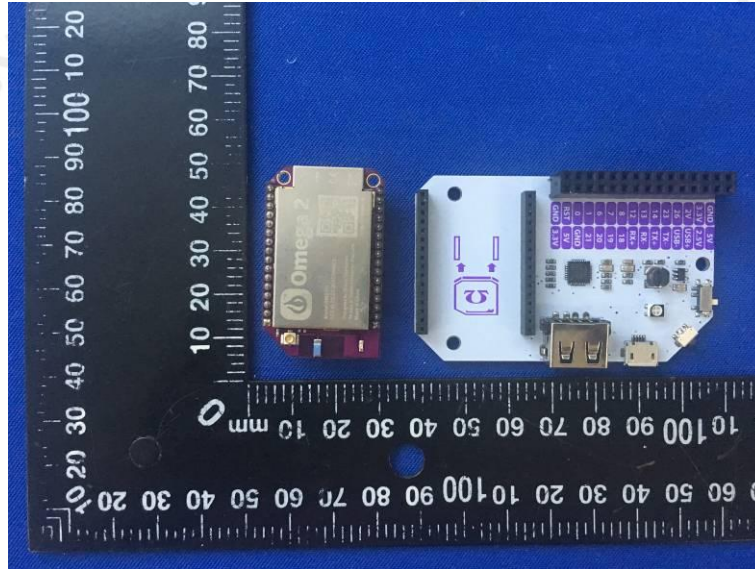
Test results

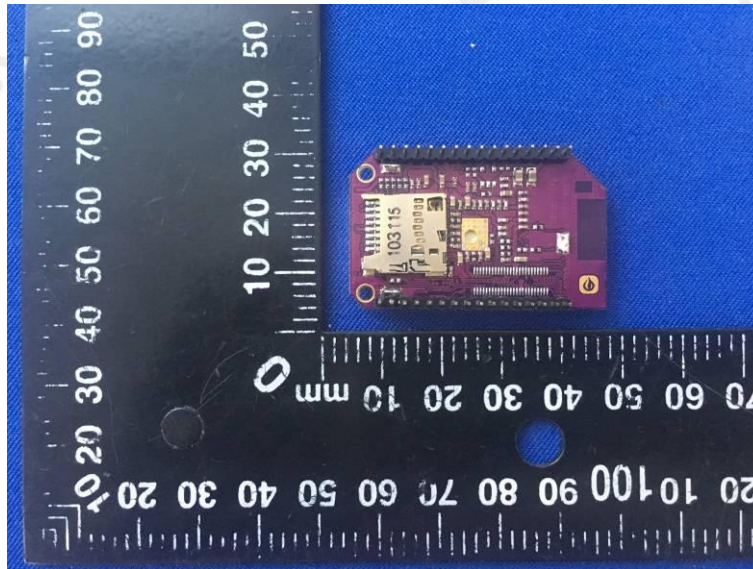
The measurement results comply with the limit of EN 62479:2010.



APPENDIX I







End of the Report