CERTIFICATE of COMPLIANCE

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***R210-146222* / *9 Sep 2020* / Rev A**

for Radio Equipment in JAPAN

MiCOM Labs Inc. declares, on the basis of the assessment of the tests and the technical documentation provided by the applicant that the following product complies with the requirements of the above noted regulator.

Product Name:
ODYSSEY - X86J4105864

Approval Holder Name:
Seeed Technology Co., Ltd.

MiCOM Labs, Inc. INCORPORATED JAN. 25, 2002 CALIFORNIA

Gordon Hurst, Product Certifier

This Certificate is Issued under the Authority of:
MiCOM Labs Inc., 575 Boulder Court, Pleasanton, California 94566, USA
Registered Certification Body ID Number: 210

Doc - Cert v2.1

Product Name:

ODYSSEY - X86J4105864

Product Model Numbers: **ODYSSEY - X86J4105864 Win10 Enterprise Activated Mini PC (Linux and Arduino Core) with 8GB RAM + 64GB eMMC, ODYSSEY - X86J4105864 Most expandable Win10 Mini PC (Linux and Arduino Core) with 8GB RAM + 64GB eMMC, ODYSSEY - X86J4105800 Most expandable Win10 Mini PC (Linux and Arduino Core) with 8GB RAM**

Brand Name: **Seeed Studio**

Approval Holder: **Seeed Technology Co., Ltd.**, 9F, G3 Building, TCL International E City, Zhongshanyuan Road, Nanshan District, Shenzhen, Guangdong Province, P.R.C

Test Lab: **Shenzhen Anbotek Compliance Laboratory Limited**, 1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, China

Standards

Group
Article 2 paragraph 1 item (19)
Article 2 paragraph 1 item (19)-3

Description of Apparatus

Company Name	**Seeed Technology Co., Ltd.**
Certification No.	**R210-146222**
Issue Date / Rev	**9 Sep 2020 / Rev A**
Equipment Description	**ODYSSEY - X86J4105864**
Brand Name	**Seeed Studio**
Hardware Version	**REV1.3**
Firmware Version	**101-E**

Emission Information

Technology	Frequency Range		Emission Designator	RF Power		Field Strength		Antenna Power
	From	To		Max.	Type	dBuV/m	@Dist.	
Bluetooth BDR	2402MHz	2480MHz	78M5F1D	--	--	--	--	0.03mW/MHz
Bluetooth EDR	2402MHz	2480MHz	78M7G1D	--	--	--	--	0.03mW/MHz
Bluetooth BLE	2402MHz	2480MHz	1M05F1D	2.7mW	Conducted	--	--	--
802.11b	2412MHz	2472MHz	13M4G1D	--	--	--	--	5.2mW/MHz
802.11g	2412MHz	2472MHz	16M9D1D	--	--	--	--	5.2mW/MHz
802.11n(HT20)	2412MHz	2472MHz	18M1D1D	--	--	--	--	8mW/MHz
802.11n(HT40)	2422MHz	2462MHz	37M0D1D	--	--	--	--	4.4mW/MHz
802.11a	5180MHz	5240MHz	17M1D1D	--	--	--	--	2.2mW/MHz
802.11ac(VHT20)	5180MHz	5240MHz	18M0D1D	--	--	--	--	3.2mW/MHz

Emission Information - Continued

Technology	Frequency Range		Emission Designator	RF Power		Field Strength		Antenna Power
	From	To		Max.	Type	dBuV/m	@Dist.	
802.11ac(VHT40)	5190MHz	5230MHz	36M4D1D	--	--	--	--	3.2mW/MHz
802.11ac(VHT80)	5210MHz	5210MHz	75M2D1D	--	--	--	--	0.8mW/MHz

Antennas

Antenna Type	Manufacturer	Model/Part No.	Gain (dBi)	Frequency Range (MHz)
PIFA	SiliconDeliveryTechnology	Universalantenna	3.09	2400-2500
PIFA	SiliconDeliveryTechnology	Universalantenna	3.32	5180-5850

Technical Construction File Details: (Documents Reviewed)

Technical Report(s):
Article 2 paragraph 1 item (19):
18220WC00116101
18220WC00116102
18220WC00116103
Article 2 paragraph 1 item (19)-3:
18220WC00116104

Supporting Documentation:
Service Agreement
Agent Authorization
ISO 9001 Cert and/or Japan Product Quality
Japan Application
Japan Radio Protection Declaration
Antenna Specifications
Block Diagram
BOM or Parts List
External Photographs (MIC Reported)
Internal Photographs (MIC Reported)
Label and its Location
Operational Description
PCB Layout
Schematics
Test Setup - Japan
User Manual

Type Marking

The validity of this Certificate is limited to products, which are equal to the one examined in the type - examination.
• When the manufacturer(or holder of this certificate) is placing the product on the Japanese market, the product must be affixed with the following Specified Radio Equipment marking:

