

TCB

GRANT OF EQUIPMENT
AUTHORIZATION

TCB

Certification
Issued Under the Authority of the
Federal Communications Commission
By:

UL VS Ltd
Pavilion A Ashwood Park, Ashwood
Way
Basingstoke, RG23 8BG
United Kingdom

Date of Grant: 06/24/2019
Application Dated: 06/20/2019

Raspberry Pi Trading Ltd
Maurice Wilkes Building
Cowley Road
Cambridge, Cambridgeshire, CB4 0DS
United Kingdom

Attention: Gordon Hollingworth , Dr

NOT TRANSFERABLE

EQUIPMENT AUTHORIZATION is hereby issued to the named GRANTEE,
and is VALID ONLY for the equipment identified hereon for use under the
Commission's Rules and Regulations listed below.

FCC IDENTIFIER: 2ABCB-RPI4B
Name of Grantee: Raspberry Pi Trading Ltd
Equipment Class: Part 15 Spread Spectrum Transmitter
Notes: Single Board Computer
Modular Type: Single Modular

| <u>Grant Notes</u> | <u>FCC Rule Parts</u> | <u>Frequency Range (MHZ)</u> | <u>Output Watts</u> | <u>Frequency Tolerance</u> | <u>Emission Designator</u> |
|--------------------|-----------------------|------------------------------|---------------------|----------------------------|----------------------------|
| CC | 15C | 2402.0 - 2480.0 | 0.0031 | | |

Power is conducted. For satisfying FCC rule part 2.1091, RF exposure compliance; this device must be used at a distance of at least 20 cm from all persons. Co-location of this module with other transmitters that operate simultaneously are required to be evaluated using the FCC multi-transmitter procedures. The host integrator must follow the integration instructions provided by the module manufacturer and ensure that the composite-system end product complies with the FCC requirements by a technical assessment or evaluation to the FCC rules and to KDB Publication 996369. The module grantee is responsible for providing the documentation to the system integrator on restrictions of use, for continuing compliance of the module

CC: This device is certified pursuant to two different Part 15 rules sections.

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**FCC IDENTIFIER: 2ABCB-RPI4B
Name of Grantee: Raspberry Pi Trading Ltd
Equipment Class: Digital Transmission System
Notes: Single Board Computer
Modular Type: Single Modular**

| <u>Grant Notes</u> | <u>FCC Rule Parts</u> | <u>Frequency Range (MHZ)</u> | <u>Output Watts</u> | <u>Frequency Tolerance</u> | <u>Emission Designator</u> |
|--------------------|-----------------------|----------------------------------|-------------------------|--------------------------------|--------------------------------|
| CC | 15C | 2402.0 - 2480.0 | 0.0017 | | |
| CC | 15C | 2412.0 - 2462.0 | 0.0214 | | |
| CC | 15C | 2422.0 - 2452.0 | 0.0219 | | |

Power is conducted. For satisfying FCC rule part 2.1091, RF exposure compliance; this device must be used at a distance of at least 20 cm from all persons. Co-location of this module with other transmitters that operate simultaneously are required to be evaluated using the FCC multi-transmitter procedures. The host integrator must follow the integration instructions provided by the module manufacturer and ensure that the composite-system end product complies with the FCC requirements by a technical assessment or evaluation to the FCC rules and to KDB Publication 996369. The module grantee is responsible for providing the documentation to the system integrator on restrictions of use, for continuing compliance of the module.

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**FCC IDENTIFIER: 2ABCB-RPI4B
Name of Grantee: Raspberry Pi Trading Ltd
Equipment Class: Unlicensed National Information
Infrastructure TX
Notes: Single Board Computer
Modular Type: Single Modular**

| <u>Grant Notes</u> | <u>FCC Rule Parts</u> | <u>Frequency Range (MHZ)</u> | <u>Output Watts</u> | <u>Frequency Tolerance</u> | <u>Emission Designator</u> |
|--------------------|-----------------------|------------------------------|---------------------|----------------------------|----------------------------|
| 38 CC | 15E | 5180.0 - 5240.0 | 0.0275 | | |
| 38 CC | 15E | 5190.0 - 5230.0 | 0.0269 | | |
| 38 CC | 15E | 5210.0 - 5210.0 | 0.0148 | | |
| 38 CC ND | 15E | 5260.0 - 5320.0 | 0.0282 | | |
| 38 CC ND | 15E | 5270.0 - 5310.0 | 0.0275 | | |
| 38 CC ND | 15E | 5290.0 - 5290.0 | 0.0141 | | |
| 38 CC ND | 15E | 5500.0 - 5700.0 | 0.0095 | | |
| 38 CC ND | 15E | 5510.0 - 5670.0 | 0.0214 | | |
| 38 CC ND | 15E | 5530.0 - 5530.0 | 0.0214 | | |
| 38 CC | 15E | 5745.0 - 5825.0 | 0.017 | | |
| 38 CC | 15E | 5755.0 - 5795.0 | 0.0209 | | |
| 38 CC | 15E | 5755.0 - 5755.0 | 0.0214 | | |

Power is conducted. For satisfying FCC rule part 2.1091, RF exposure compliance; this device must be used at a distance of at least 20 cm from all persons. Co-location of this module with other transmitters that operate simultaneously are required to be evaluated using the FCC multi-transmitter procedures. The host integrator must follow the integration instructions provided by the module manufacturer and ensure that the composite-system end product complies with the FCC requirements by a technical assessment or evaluation to the FCC rules and to KDB Publication 996369. The module grantee is responsible for providing the documentation to the system integrator on restrictions of use, for continuing compliance of the module. This device has 20/40/80 MHz bandwidth modes as described in this filing.

38: This device has shown compliance, in all grant-listed U-NII sub-bands, with the new rules for U-NII devices adopted under Docket No. 13-49 and may be marketed, manufactured or imported after the June 1, 2016 transition deadline.

CC: This device is certified pursuant to two different Part 15 rules sections.

ND: This UNII device complies with the Transmit Power Control (TPC) and Dynamic Frequency Selection (DFS) requirements in Section 15.407(h).

