

CERTIFICATE OF ACCEPTANCE FOR CANADA



CURTIS-STRAUS

Certificate No. : CS21654

ISED Number (Label) : 6549A-W8997M1216

Certificate issued to (holder) : **MARVELL SEMICONDUCTOR, INC.**
5488 Marvell Lane
Santa Clara CA 95054 USA

Type of certification : **New Single Certification**

Hardware Version Identification Number (HVIN) : **W8997-M1216**

Product Marketing Name (PMN) : **IEEE 802.11 2X2 MU-MIMO ac/a/b/g/n Wireless LAN + Bluetooth NGFF Module**

Type of radio equipment : **Spread Spectrum / Digital Device (2400-2483.5 MHz)
Spread Spectrum / Digital Device (5725-5850 MHz)
WLAN, Bluetooth Device, Modular Approval**

Product Description : **IEEE 802.11 2X2 MU-MIMO ac/a/b/g/n Wireless LAN + Bluetooth NGFF Module**

Specifications : **RSS-Gen, Issue No. 4, Issue Date: November 2014
RSS-102, Issue No. 5, Issue Date: March 2015
RSS-247, Issue No. 1, Issue Date: May 2015**

| Frequency range | R.F. power rating/field strength | Antenna information | Emission designator |
|-----------------|----------------------------------|---------------------------------------|---------------------|
| 2412-2462 MHz | 0.412 W | Detachable PIFA antenna with 2.98 dBi | 13M5D1D |
| 2412-2462 MHz | 0.932 W | Detachable PIFA antenna with 2.98 dBi | 17M5D1D |
| 2412-2462 MHz | 0.898 W | Detachable PIFA antenna with 2.98 dBi | 18M0D1D |
| 2422-2452 MHz | 0.886 W | Detachable PIFA antenna with 2.98 dBi | 36M7D1D |
| 2402-2480 MHz | 0.003 W | Detachable PIFA antenna with 2.98 dBi | 890KF1D |
| 2402-2480 MHz | 0.005 W | Detachable PIFA antenna with 2.98 dBi | 1M18F1D |
| 2402-2480 MHz | 0.003 W | Detachable PIFA antenna with 2.98 dBi | 1M03D1D |
| 5180-5240 MHz | 0.029 W | Detachable PIFA antenna with 5.16 dBi | 18M2D1D |
| 5180-5240 MHz | 0.029 W | Detachable PIFA antenna with 5.16 dBi | 17M8D1D |
| 5190-5230 MHz | 0.053 W | Detachable PIFA antenna with 5.16 dBi | 36M7D1D |
| 5210-5210 MHz | 0.040 W | Detachable PIFA antenna with 5.16 dBi | 76M3D1D |
| 5260-5320 MHz | 0.144 W | Detachable PIFA antenna with 5.16 dBi | 18M1D1D |
| 5260-5320 MHz | 0.148 W | Detachable PIFA | 17M8D1D |

Curtis-Straus LLC ~ A Bureau Veritas Company
Email: certification@curtis-straus.com
C1047

Certification Body No. US0106

| | | | |
|---------------|---------|---------------------------------------|---------|
| | | antenna with 5.16 dBi | |
| 5270-5310 MHz | 0.100 W | Detachable PIFA antenna with 5.16 dBi | 36M7D1D |
| 5290-5290 MHz | 0.039 W | Detachable PIFA antenna with 5.16 dBi | 76M3D1D |
| 5500-5700 MHz | 0.135 W | Detachable PIFA antenna with 5.16 dBi | 17M8D1D |
| 5500-5700 MHz | 0.137 W | Detachable PIFA antenna with 5.16 dBi | 17M8D1D |
| 5510-5670 MHz | 0.109 W | Detachable PIFA antenna with 5.16 dBi | 36M7D1D |
| 5530-5530 MHz | 0.029 W | Detachable PIFA antenna with 5.16 dBi | 76M3D1D |
| 5745-5825 MHz | 0.183 W | Detachable PIFA antenna with 5.16 dBi | 25M5D1D |
| 5745-5825 MHz | 0.194 W | Detachable PIFA antenna with 5.16 dBi | 22M9D1D |
| 5755-5795 MHz | 0.077 W | Detachable PIFA antenna with 5.16 dBi | 37M4D1D |
| 5775-5775 MHz | 0.018 W | Detachable PIFA antenna with 5.16 dBi | 76M8D1D |

Test laboratory : **Bureau Veritas Consumer Products Services (H.K.) Ltd.,
Taoyuan Branch
E-2, No.1, Li Hsin 1st Road, Hsinchu Science Park,
Hsinchu City 30078 Taiwan**

Test lab company No. : **20331**

Certification of equipment means only that the equipment has met the requirements of the above-noted specification. Licence applications, where applicable to use certified equipment, are acted on accordingly by the Industry Canada issuing office and will depend on the existing radio environment, service and location of operation. This certificate is issued on condition that the holder complies and will continue to comply with the requirements and procedures issued by Industry Canada. The equipment for which this certificate is issued shall not be manufactured, imported, distributed, leased, offered for sale or sold unless the equipment complies with the applicable technical specifications and procedures issued by Industry Canada.

La certification du matériel signifie seulement que le matériel a satisfait aux exigences de la norme indiquée ci-dessus. Les demandes de licences nécessaires pour l'utilisation du matériel certifié sont traitées en conséquence par le bureau de délivrance d'Industrie Canada et dépendent des conditions radio ambiantes, du service et de l'emplacement d'exploitation. Le présent certificat est délivré à la condition que le titulaire satisfasse et continue de satisfaire aux exigences et aux procédures d'Industrie Canada. Le matériel à l'égard duquel le présent certificat est délivré ne doit pas être fabriqué, importé, distribué, loué, mis en vente ou vendu à moins d'être conforme aux procédures et aux spécifications techniques applicables publiées par Industrie Canada.

I hereby attest that the subject equipment was tested and found in compliance with the above-noted specification.
J'atteste, par la présente, que le matériel a fait l'objet d'essai et a été jugé conforme à la spécification ci-dessus.

Date of issue: February 13, 2017

Authorized by:



For Curtis-Straus LLC
Ami Soni
Certifier