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► Reg. No. NL0001

CERTIFICATION No
No. DE CERTIFICATION 3147A-VELAIF820

Issued 09 November 2023

Page 1 of 2
This certificate has ONE AnnexKIWA No.
No. DE KIWA 232170325/AA/00TEST SITE No.
No. DE LABORATOIRE TW2732ISSUED TO
DÉLIVRÉ A Laird Connectivity LLC
W66N220 Commerce Court Cedarburg WI 53012 United States Of
America (Excluding The States Of Alaska)TYPE OF EQUIPMENT
GENRE DE MATÉRIEL Bluetooth deviceTRADE NAME AND MODEL
MARQUE ET MODELE Laird Connectivity / Vela IF820

CERTIFIED TO CERTIFIÉ SELON LE	SPECIFICATION CAHIER DES CHARGES	RSS-102	ISSUE EDITION	5
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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 ISED 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 ISED. 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 ISED.

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'ISDE 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'ISDE. 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 ISDE.

ISSUED BY KIWA NEDERLAND B.V. (NL0001), RECOGNIZED CERTIFICATION BODY BY INNOVATION, SCIENCE AND ECONOMIC DEVELOPMENT CANADA, ACCORDING THE CANADIAN CERTIFICATION BODY SCHEME (CB-02).
DÉLIVRÉ PAR KIWA NEDERLAND B.V. (NL0001), ORGANISME DE CERTIFICATION RECONNU PAR INNOVATION, SCIENCES ET DÉVELOPPEMENT ÉCONOMIQUE CANADA, SELON LE SYSTÈME D'ORGANISME DE CERTIFICATION DE CANADA (CB-02).

*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*

Ron Scheepers
Managing director



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[https://www.kiwa.com/nl/en/markets/
radio-wireless-and-electrical-
equipment/](https://www.kiwa.com/nl/en/markets/radio-wireless-and-electrical-equipment/)

Chamber of commerce
08090048

TEST REPORTS
RAPPORTAGE DE TEST

- SPORTON INTERNATIONAL INC. Wensan Laboratory: CA390652, 19 October 2023
- International Certification Corp.: CR341801AD, 19 September 2023
- International Certification Corp.: CR341801AE, 19 September 2023
- International Certification Corp.: CA341801, 19 September 2023

FREQUENCY RANGE BANDE DE FRÉQUENCES	EMISSION DESIGNATION DESIGNATION D'ÉMISSION	R.F. POWER RATING PUISSANCE NOMINALE H.F.
2402-2480 MHz	1M08F1D	0.008 W
2404-2478 MHz	2M08F1D	0.008 W
2402-2480 MHz	912KF1D	0.006 W
2402-2480 MHz	1M21F1D	0.003 W

ANTENNA INFORMATION
INFORMATION D'ANTENNE

Chip, max gain of 1 dBi at 2.4 GHz

PCB Dipole, max gain of 2 dBi at 2.4 GHz

PCB Dipole, max gain of 2 dBi at 2.4 GHz

Dipole, max gain of 2.32 dBi (Cable loss: 0.7 dB) at 2.4 GHz

PIFA, max gain of 2 dBi at 2.4 GHz

REMARKS
REMARQUES

C4PC: Adding a portable platform (Product name: Bluetooth 5.4 Dual Mode USB Adapter , Model name: Vela IF820).

Antenna: chip Antenna with 1dBi @ 2.4GHz.

SAR has been evaluated at 5 mm. The highest reported SAR value for body is 0.09 W/kg.

Radio module.