

TECHNICAL ACCEPTANCE CERTIFICATE

CERTIFICAT D'ACCEPTABILITÉ TECHNIQUE

CERTIFICATION No. No. DE CERTIFICATION	3147A-MSD50NBT			
TELEFICATION No. No. DE TELEFICATION	162170056/AA/01			
TEST SITE No. No. DE LABORATOIRE	10807C-1			
ISSUED TO DÉLIVRÉ A	LAIRD TECHNOLOGIES			
TYPE OF EQUIPMENT GENRE DE MATÉRIEL	Bluetooth device Local Area Network (LAN) Device Spread Spectrum/Digital Device (2400-2483.5 MHz)			
TRADE NAME AND MODEL MARQUE ET MODELE	Laird / MSD50NBT			
CERTIFIED TO CERTIFIÉ SELON LE	SPECIFICATION CAHIER DES CHARGES	RSS-102 RSS-247	ISSUE EDITION	5 2

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 ISDE 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 ISDE. 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 ISDE.

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 TELEFICATION BV (NL0001), RECOGNIZED CERTIFICATION BODY BY INNOVATION, SCIENCE AND ECONOMIC DEVELOPMENT CANADA
DÉLIVRÉ PAR TELEFICATION BV (NL0001), ORGANISME DE CERTIFICATION RECONNU PAR INNOVATION, SCIENCES ET DÉVELOPPEMENT ÉCONOMIQUE 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 04 May 2018 BY

Mohammad Elhaj
Product Assessor

This certificate has one annex.



TEST REPORTS
RAPPORTAGE DE TEST

- International Certification Corp.: CR591103-02AN, 24 April 2018
- International Certification Corp.: CZ591103-02, 24 April 2018
- International Certification Corp.: CR591103AC, 22 February 2016
- International Certification Corp.: CR591103AD, 22 February 2016
- International Certification Corp.: CR591103AE, 22 February 2016
- International Certification Corp.: CR591103AN, 22 February 2016
- International Certification Corp.: CZ591103, 22 February 2016

FREQUENCY RANGE BANDE DE FRÉQUENCES	EMISSION DESIGNATION DESIGNATION D'ÉMISSION	R.F. POWER RATING PUISSANCE NOMINALE H.F.
2402-2480 MHz	881KF1D	0.005 W
2402-2480 MHz	1M21F1D	0.005 W
2402-2480 MHz	1M06F1D	0.005 W
2412 - 2462 MHz (11 channels)	11M8G1D	0.253 W
2412 - 2462 MHz (11 channels)	18M2D1D	0.488 W
5180-5240 MHz (4 channels)	17M6D1D	0.076 W
5190-5230 MHz (2 channels)	36M0D1D	0.194 W
5260-5320 MHz (4 channels)	17M6D1D	0.080 W
5270-5310 MHz (2 channels)	35M8D1D	0.079 W
5500-5580 MHz (5 channels)	19M1D1D	0.125 W
5510-5550 MHz (2 channels)	36M3D1D	0.128 W
5660-5700 MHz (3 Channels)	17M7D1D	0.072 W
5670 MHz (1 channel)	36M3D1D	0.106 W
5745-5825 MHz (5 channels)	18M2D1D	0.129 W
5755-5795 MHz (2 channels)	36M4D1D	0.136 W

ANTENNA INFORMATION
INFORMATION D'ANTENNE

Antennas:

Laird,MAF94051, Dipole antenna, max gain of 2.1 dBi at 2.4 GHz and max gain of 3.4 dBi at 5 GHz

Antennas:

Laird,NanoBlade-IP04, PCB antenna, max gain of 2.0 dBi at 2.4 GHz and max gain of 4.0 dBi at 5 GHz

Antennas:

Laird,MAF95310, PCB antenna, max gain of 2.79 dBi at 2,4 GHz and max gain of 3.38 dBi at 5 GHz

Antennas:

Laird,NanoBlue-IP04, PCB antenna, max gain of 2.0 dBi at 2. 4 GHz

Antennas:

Ethertronics, WLNA_1000146, Dipole antenna, max gain of 2.5 dBi at 2.4 GHz and max gain of 3.5 dBi at 5 GHz

REMARKS

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C2PC: Standard has been upgraded to RSS 247- Issue2

Modular Approval

2TX MIMO