



▶ Reg. No. NL0001

**TECHNICAL ACCEPTANCE CERTIFICATE**      **CERTIFICAT D'ACCEPTABILITÉ TECHNIQUE**

CERTIFICATION No. No. DE CERTIFICATION	▶ 3147A-WB45NBT			
TELEFICATION No. No. DE TELEFICATION	▶ 152170248/AA/00			
TEST SITE No. No. DE LABORATOIRE	▶ 10807A-2			
ISSUED TO DÉLIVRÉ A	▶ Laird Technologies			
TYPE OF EQUIPMENT GENRE DE MATÉRIEL	▶ Spread Spectrum/Digital Device (2400-2483.5 MHz) Local Area Network (LAN) Device Modular Approval Bluetooth Device			
TRADE NAME AND MODEL MARQUE ET MODELE	▶ Laird Technologies WB45NBT			
CERTIFIED TO CERTIFIÉ SELON LE	▶ SPECIFICATION CAHIER DES CHARGES	RSS-247	ISSUE EDITION	1

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.

ISSUED BY TELEFICATION BV, RECOGNIZED CERTIFICATION BODY BY INDUSTRY CANADA  
DÉLIVRÉ PAR TELEFICATION BV, ORGANISME DE CERTIFICATION RECONNU 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 23 September 2015 BY

W.J.M. Jong  
Manager Product Certification

This certificate has one annex.

*W.J.M. Jong*  
i.o.



TEST REPORTS  
RAPPORTAGE DE TEST

- ▶ - International Certification Corp.: CR350301AC, 20 August 2013
- International Certification Corp.: CR350301AN, 20 August 2013
- International Certification Corp.: CR350301AE, 20 August 2013
- International Certification Corp.: CR350301AI, 20 August 2013
- International Certification Corp.: CR350301AD, 20 August 2013
- International Certification Corp.: CZ350301, 20 August 2013
- International Certification Corp.: CR350301-01AC, 15 September 2015
- International Certification Corp.: CR350301-01AD, 15 September 2015
- International Certification Corp.: CR350301-01AE, 15 September 2015
- International Certification Corp.: CR350301-01AN, 15 September 2015
- International Certification Corp.: CR350301-01AI, 15 September 2015

FREQUENCY RANGE BANDE DE FRÉQUENCES ▼	EMISSION DESIGNATION DESIGNATION D'ÉMISSION ▼	R.F. POWER RATING PUISSANCE NOMINALE H.F. ▼
2412-2462 MHz (11 channels)	23M3D1D	0.2 W
5745-5825 MHz (5 channels)	17M9D1D	0.074 W
5180-5240 MHz (4 channels)	18MOD1D	0.049 W
5260-5320 MHz (4 channels)	18MOD1D	0.047 W
5500-5580 MHz (5 channels)	18M1D1D	0.061 W
5660-5700 MHz (3 Channels)	18MOD1D	0.05 W
2402-2480 MHz (79 channels)	1M16KF1D	0.005 W
2402-2480 MHz (40 channels)	877KF1D	0.007 W
2412-2462 MHz (11 channels)	14MOD1D	0.076 W

ANTENNA INFORMATION  
INFORMATION D'ANTENNE ▼

Antennas for Bluetooth:

PCB antenna, max gain of 2 dBi at 2.4 GHz

Antennas for Bluetooth, IEEE a/b/g/n:

Dipole antenna, max gain of 2 dBi at 2.4 GHz and max gain of 2 dBi at 5 GHz

PCB antenna, max gain of 2 dBi at 2.4 GHz and max gain of 4 dBi at 5 GHz

PCB antenna, max gain of 2.21 dBi at 2.4 GHz and max gain of 2.21 dBi at 5 GHz

PCB antenna, max gain of 2.79 dBi at 2.4 GHz and max gain of 3.38 dBi at 5 GHz

PIFA antenna, max gain of 2.5 dBi at 2.4 GHz and max gain of 3.5 dBi at 5 GHz

Dipole antenna, max gain of 1.87 dBi at 2.4 GHz and max gain of 0.94dBi at 5 GHz

Dipole antenna, max gain of 1.32 dBi at 2.4 GHz and max gain of 2.75dBi at 5 GHz

REMARKS  
REMARQUES ▼

Module

C2PC: Non-transmitter components depopulate/ new antennas addition