



American Certification Body Inc.  
6731 Whittier Ave, C110, McLean, VA 22101

June 13, 2012

Our Ref: ATCB012253

**LS Research, LLC  
W66N220 Commerce Court  
Cedarburg, WI 53012  
USA**

**Attention: William Steinike**

Dear Sir/Madame:

ACB, Inc. has reviewed the related documents and is pleased to advise that this application meets Industry Canada's procedural and specification requirements for certification. Copies of the original submission documents should be maintained for 10 years.

The assigned certification number must be shown on each equipment model. This certification identification information may be shown on the equipment model identification plate or on a separate label that shall be indelible and tamper proof. The certification number shall be prefixed with the letters "IC:". The radio equipment is certified as described on the attached certificate(s).

We have notified the Bureau so they may record this equipment in the Department's Radio Equipment List (REL). Please note that certified equipment shall not be distributed, leased, sold, or offered for sale in Canada before the details of the certification appear in the REL. Status of this listing in the Industry Canada's REL list may be found at the following web address:

<http://www.ic.gc.ca/app/sitt/reitel/srch/nwRdSrch.do?lang=eng>

Sincerely,

Michael F. Violette  
Director



**TECHNICAL ACCEPTANCE  
CERTIFICATE**

**CERTIFICAT D'ACCEPTABILITÉ  
TECHNIQUE**

CERTIFICATION No.  
No. DE CERTIFICATION

► 5969A-TIWI101 (Existing Family)

ISSUED TO  
DÉLIVRÉ A

► LS Research, LLC  
W66N220 Commerce Court  
Cedarburg, WI 53012  
USA

TYPE OF EQUIPMENT  
TYPE DE MATÉRIEL

► Bluetooth Device, Modular Approval  
Spread Spectrum / Digital Device (2400 - 2483.5 MHz)

TRADE NAME AND MODEL  
MARQUE ET MODELE

► TiWi-BLE

FREQUENCY RANGE  
BANDE DE FRÉQUENCES

► BT (Bluetooth) & BLE (Bluetooth low energy): 2402 - 2480 MHz  
WL: 2412 - 2462 MHz

EMISSION DESIGNATION  
DESIGNATION D'ÉMISSION

► BT: 875KFXD; BLE: 945KF1D;  
WL1: 9M62G1W & WL2: 17M6W1W

R.F. POWER RATING  
PUISSANCE NOMINALE H.F.

► BT: 0.0053 - 0.0063 Watts (conducted); BLE: 0.0095 - 0.0101 Watts (conducted);  
WL1: 0.076 - 0.093 Watts (conducted); WL2: 0.016 - 0.020 Watts (conducted)

ANTENNA  
ANTENNE

► ext. dipole w/ 4.3 dBi max. gain & PIFA antenna w/ - 0.6 dBi max. gain

TEST LABORATORY  
LABORATOIRE D'ESSAI

► LS Research, LLC  
W66 N 220 Commerce Court  
Cedarburg, WI 53012 USA

SITE NUMBER ► 3088A-2  
NUMÉRO DE SITE

Tel: (262)421-4991, Fax: (262) 364-2649  
email: twhite@lsr.com

CERTIFIED TO  
CERTIFIÉ SELON LE

► SPECIFICATION  
CAHIER DES CHARGES

**RSS-210**

ISSUE **8**  
ÉDITION

Certification of equipment means only that the equipment has met the requirements of the above noted specification. License 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.

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.

This certificate is issued on condition that the holder complies and will continue to comply with the requirements of the radio standards specifications 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.

Le présent certificat est délivré à 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 jugé conforme à la spécification ci-dessus.

ORIGINAL DATE OF ISSUE: June 13, 2012

REVISED DATE OF ISSUE: N/A

**Michael F. Violette**  
Director