



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

August 10, 2012

Our Ref: ATCB012274

**LS Research, LLC
W66N220 Commerce Court
Cedarburg, Wisconsin
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/reltel/srch/nwRdSrch.do?lang=eng>

Sincerely,

Michael F. Violette
Director



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

REF No. ► ATCB012274

TECHNICAL ACCEPTANCE CERTIFICATE

CERTIFICAT D'ACCEPTABILITÉ TECHNIQUE

CERTIFICATION No.
No. DE CERTIFICATION

► 5969A-TIWI501 (Single)

ISSUED TO
DÉLIVRÉ À

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

TYPE OF EQUIPMENT
TYPE DE MATÉRIEL

► Spread Spectrum/Digital Device (2400-2483.5 MHz), Modular Approval
Spread Spectrum/Digital Device (5725-5850 MHz), Bluetooth Device, Wi-Fi Device
Local Area Network (LAN) Device

TRADE NAME AND MODEL
MARQUE ET MODÈLE

► TiWi5

FREQUENCY RANGE
BANDE DE FRÉQUENCES

► 802.11b/g/n: 2412~2462MHz, 802.11a/n: 5745~5825MHz, 802.11a/n: 5180~5240MHz
802.11a/n: 5280~5320MHz, 802.11a/n: 5470~5725MHz, Bluetooth 2402~2480MHz

EMISSION DESIGNATION
DESIGNATION D'ÉMISSION

► 11g: 16M4D2W, 11n20: 17M6D2W, 11n20: 22M8D2W, 11a: 30M5D2W
11a: 23M3D2W, Bluetooth EDR: 1M20FXD

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

► 11b: 0.158 W, 11a: 0.114 W, 11a: 0.023 W
11a: 0.051 W, 11a: 0.040 W, Bluetooth: EDR: 0.012 W

ANTENNA
ANTENNE

► 2.0dBi - Dipole,
1.0dBi @ 2.4GHz Chip Antenna, -1.5dBi @ 5.8GHz Chip Antenna

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.

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.

I hereby attest that the subject equipment was tested and found in compliance with the above-noted specification.

ORIGINAL DATE OF ISSUE: August 10, 2012
REVISED DATE OF ISSUE: N/A

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 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.

J'atteste par la présente que le matériel a fait l'objet d'essai et jugé conforme à la spécification ci-dessus.

Michael F. Violette
Director