

**OEM Installation Guidance Document**  
For iDevices, LLC. BCM20736S  
FCC ID: 2ABDJ -BRCM1078; IC ID: 11569AA -BRCM1078

**Conditions on using iDevices, LLC.'s regulatory approvals:**

- A. Customer must ensure that its product (the “CUSTOMER Product”) is electrically identical to iDevices LLC.'s product. Customer acknowledges that any modifications to iDevices, LLC.'s product may invalidate regulatory approvals in relation to the CUSTOMER Product, or may necessitate notifications to the relevant regulatory authorities.
- B. OEMs must inform iDevices, LLC. of any changes which may require the Class I or Class II permissive changes for the FCC. Any substituted antenna and RF cable assemblies must be approved by iDevices, LLC. in order to maintain compliance.
- C. Appropriate labels must be affixed to the CUSTOMER Product that comply with applicable regulations in all respects.
- D. A user's manual or instruction manual must be included with the customer product that contains the text as required by applicable law. Without limitation of the foregoing, an example (for illustration purposes only) of possible text to include is set forth below:

## **1. USA—Federal Communications Commission (FCC)**

### **FCC COMPLIANCE STATEMENT:**

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

### **INFORMATION TO USER:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by tuning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the distance between the equipment and the receiver.

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- Connect the equipment to outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Information to system integrators:

- A. System integrators must include the FCC ID on the end product.
- B. Integration into hosts other than approved host under the LMA requires coordination with iDevices, LLC's through a Class 2 permissive change.

**FCC Radio-Frequency Exposure & Approval Conditions:**

1. The antenna(s) used for this transmitter must not be collocated or operating in conjunction with any other antenna or transmitter within a host device, except in accordance with FCC multi-transmitter product procedures.
2. No change to the antennas nor replacements can be used with this device.
3. The regulatory label on the final system must include the statement: "Contains FCC ID: 2ABDJ-RBCM1078" or using electronic labeling method as documented in KDB 784748.
4. The final system integrator must ensure there is no instruction provided in the user manual or customer documentation indicating how to install or remove the transmitter module.
5. The final host manual shall include the following regulatory statement:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by tuning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:

  - Reorient or relocate the receiving antenna
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- Connect the equipment to outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

## **2. Canada - Industry Canada (IC)**

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

This radio transmitter, IC ID: 11569A-BRCM1078, has been approved by Industry Canada to operate with the onboard antenna with a maximum gain of de -1.5dBi. Any other antennas with a different type or having a gain greater than -1.5dBi are strictly prohibited for use with this device. The required antenna impedance is 50 ohms.

Caution: Exposure to Radio Frequency Radiation. To comply with RSS 102 RF exposure compliance requirements, for mobile configurations, this device must not be co-located or operating in conjunction with any other antenna or transmitter.

System integrators must include a label with "Contains IC: 11569A-BRCM1078" on the end product. Industry Canada user statements should be provided in both English and French, at the time each product is offered for sale or lease in Canada.

Integration into hosts other than approved host under the LMA requires coordination with Broadcom through a Class 2 permissive change.

French: Cet appareil est conforme avec Industrie Canada exempts de licence standard RSS (s) . Son fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas provoquer d'interférences et ( 2) cet appareil doit accepter toute interférence , y compris celles pouvant causer un mauvais fonctionnement de l'appareil.

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Conformément à la réglementation d'Industrie Canada, cet émetteur radio ne peut fonctionner à l'aide d'une antenne d'un type et maximum ( ou moins ) Gain approuvé pour l'émetteur par Industrie Canada. Pour réduire le risque d'interférence avec d'autres utilisateurs, le type d'antenne et son gain doivent être choisis afin que la puissance isotrope rayonnée équivalente (PIRE ) ne dépasse pas ce qui est nécessaire pour une communication réussie .

Cet émetteur radio , IC ID: 11569A - BRCM1078 , a été approuvé par Industrie Canada pour fonctionner avec l'antenne à bord avec un gain maximum de de- 1.5dBi . Tous les autres antennes avec un type différent ou ayant un gain supérieur à - 1.5dBi sont strictement interdits pour une utilisation avec cet appareil. L'impédance d'antenne requise est de 50 ohms.

Attention: Exposition aux radiations de fréquences radio. Pour se conformer aux normes RSS 102 exigences de conformité d'exposition aux radiofréquences , pour les configurations mobiles , ce dispositif ne doit pas être co- localisées ou opérant en conjonction avec une autre antenne ou transmetteur.

Les intégrateurs de systèmes doivent comporter une étiquette avec «Contient IC: 11569A-BRCM1078 " sur le produit final . Comptes d'utilisateur d'Industrie Canada devraient être fournis en anglais et en français , au moment où chaque produit est offert à la vente ou la location au Canada.

Intégration dans des hôtes autres que l'hôte approuvé en vertu de la LMA nécessite une coordination avec Broadcom par un changement permissive classe 2.

### **3. Europe - EU Restrictions**

This equipment needs to be marked with the CE symbol and can be used throughout the European community.

Caution: Exposure to Radio Frequency Radiation.

To comply with RF exposure compliance requirements, for mobile configurations, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons.

Note for system integrators:

- The module is tested to comply with the requirement of the R&TTE Directive. System integrators are responsible for compliance of the final device with the R&TTE Directive.

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- Packaging: CE Marking must also be on the outer packaging of the product. The outer packaging must also provide an indication as to where the device is intended to be used and OR conversely, where there may be restrictions for use.