

## 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.
- 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.

**CAUTION:** (this only applicable to 5GHz device)

This device is restricted to indoor use due to its operation in the 5.15 to 5.25 GHz frequency range. FCC requires this product to be used indoors for frequency range 5.15 to 5.25 GHz to reduce the potential for harmful interference to co-channel Mobile Satellite systems.

High power radars are allocated as primary users of the 5.25 to 5.35 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and/or damage this device.

### **Exposure to Radio Frequency Radiation**

To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons. This device must not be co-located or operating in conjunction with any other antenna or transmitter within a host device, except in accordance with FCC multi-transmitter product procedures.

## FCC Regulatory Compliance Requirements

To comply with RF exposure compliance, the following restrictions and requirements must be followed when this device is integrated in the final host end product.

- Maintain at least a 20 cm separation between the antenna and the user's body when this module is used as mobile device per the definition of section 2.1091 of FCC rules.
- If the module is installed in the Netbook/notebook/laptop portable host per the definition of section 2.1093 of FCC rules, antenna-to-user separation distance has to be at least 11.3 cm.
- Only antenna with same type and lower gain as documented in the FCC database can be used.
- 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.
- A label with the following statements must be attached to the host end product: This device contains Tx FCC ID: HLZ-BRCM1050.
- The user manual of final host must be clearly defines operating requirements and conditions that must be observed to ensure compliance with current FCC RF exposure guidelines.
- The host end product must comply applicable FCC Part 15 unintentional emission testing requirement and be properly authorized per FCC Part 15.
- 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 except such device has implemented two-ways authentication between module and the host system.