

**Agere Systems**

**CardBus 1102**

**Preliminary User Manual**

**Section: Regulatory Compliance Information**

## **Information to the user**

It is the policy of Agere Systems Inc. to provide customers with the latest available information. All updates to this document will appear in the English version first. This document provides regulatory information about Agere wireless LAN products. This product can operate on channels in frequency bands in 2.4 GHz and 5 GHz ranges, and uses DSSS (Direct Sequence Spread Spectrum) or OFDM radio technology. It is designed to be inter-operable with similar wireless products that comply with:

- IEEE 802.11 b/g/a Standards on Wireless LAN, as defined and approved by the Institute of Electrical and Electronics Engineers
- Wireless Fidelity (Wi-Fi) certification as defined by the Wi-Fi Alliance formerly known as WECA (Wireless Ethernet Compatibility Alliance)

For the country and date of manufacturing, consult the identification label of your wireless device.

## **1. Wireless LAN and your Health**

Wireless LAN products are radio devices that emit radio frequency electromagnetic energy. The level of energy emitted by Wireless LAN devices is much less than the electromagnetic energy emitted by devices like for example mobile telephones. Because Wireless LAN products operate within the guidelines found in radio frequency safety standards and recommendations, Agere believes this product is safe for use by consumers. These standards and recommendations reflect the consensus of the scientific community and result from deliberations of panels and committees of scientists who continually review and interpret the extensive research literature. See additional information for North America in section 2.1.

## **Important Safety Instructions**

When using this product, always follow the basic precautions to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Always install the product as described in the documentation that is included with your product.
2. Do not use this product near water, for example, near a bathtub, washbowl, and kitchen sink or laundry tub, in a wet basement or near a swimming pool.
3. Avoid using this product during an electric storm. There may be a remote risk of electric shock from lightning
4. Do not use this product to report a gas leak in the vicinity of the leak.

**SAVE THESE INSTRUCTIONS**

## **2. Regulatory Information**

You must install and use this device in strict accordance with the manufacturer's instructions as described in the user documentation that is included with your product. Before you start installation or use of this product, carefully read the contents of this document for device specific constraints or rules that may apply in the country where you want to use this product. The user must always ensure that country and/or channel selection of Peer-to-Peer groups or Base Station Networks matches the regulations of the country of operation.

In some situations or environments, the use of wireless devices may be restricted by the proprietor of the building or responsible representatives of the organization.

These situations may for example include:

- Using the wireless equipment on board of airplanes, or
- In any environment where the risk of interference to other devices or services is perceived or identified as harmful.

If you are uncertain of the policy that applies on the use of wireless equipment in a specific organization or environment (e.g. airports), you are encouraged to ask for authorization to use this device prior to turning on the equipment.

The manufacturer is not responsible for any radio or television interference caused by unauthorized modification of the device, or the substitution or attachment of connecting cables and equipment other than specified by manufacturer. The correction of interference caused by such unauthorized modification, substitution or attachment will be the responsibility of the user.

The manufacturer and its authorized resellers or distributors are not liable for any damage or violation that may arise from failing to comply with these guidelines.

### **2.1 North America**

#### **Canada** – Industry Canada (IC)

The wireless radio of this device complies with RSS 210 of Industry Canada. This Class B device complies with Canadian ICES-003 (NMB-003).

#### **USA** – Federal Communications Commission (FCC)

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

***Operation in frequency band 5150-5250 MHz is restricted to indoor environments only.***

## Exposure to Radio Frequency Radiation

SAR (Specific Absorption Rate) compliance has been established and found to comply in accordance with FCC OET Bulletin 65 and guidelines of IEEE C95.1-1995.

### Caution:



**To comply with the FCC RF Exposure compliance requirements, the user is advised to maintain a distance of at least 13 mm cm from the antenna of the device while in use**

## Federal Communications Commission Notice



This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the 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 turning 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 an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help.

The FCC requires the user to be notified that any changes or modifications to this device that are not expressly approved by Agere may void the user's authority to operate the equipment.