

## **431389RF module user manual**

The 431389RF module is installed in only Bose host products by Bose.  
The module is not being sold on the open market.

The RF output power is being stepped down in a linear fashion for increasing data rates to meet 802.11 EVM and regulatory requirements per FCC standards 15.247 and 15.407.

### **FCC COMPLIANCE STATEMENT**

**CAUTION:** Changes or modifications not expressly approved could void your authority to use this equipment.

This device complies with Part 15 of the FCC Rules. Operation 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

This transmitter has been approved for use in mobile RF exposure category configurations with the antennas installed to provide a separation distance of at least 20 cm for all persons.

Host products using this module must display the following information on the product label:

Contains FCC ID: A94431389RF

The maximum antenna gain including any cable losses shall be less than 0 dBi

### **INDUSTRY CANADA STATEMENT**

This device complies with Industry Canada license-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.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Cet émetteur a été approuvé pour une utilisation dans des configurations de catégorie d'exposition RF mobile avec les antennes installées pour fournir une distance de séparation d'au moins 20 cm pour toutes les personnes.

Host products using this module must display the following information on the product label:  
Contains IC 3232A-431389RF

Les produits hôtes utilisant ce module doivent afficher les informations suivantes sur l'étiquette du produit:  
Contient IC 3232A-431389RF

The maximum antenna gain including any cable losses shall be less than 0 dBi

The following needs to be in Spanish (some of it may be already)

"La operación de este equipo está sujeta a las siguientes dos condiciones: 1) es posible que este equipo o dispositivo no cause interferencia perjudicial y 2) este equipo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada."

"This equipment is designed to operate with the antennas listed below and for maximum antenna gain of 0 dB. The use with this equipment of antennas not included in this list or that have a gain greater than 0 dB are prohibited. The required impedance of the antenna is 50 ohms. "