

RF exposure



CAUTION! This equipment is approved for mobile and base station transmitting devices only. Antenna(s) used for this transmitter must be installed to provide a separation distance of at least 25 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.



ATTENTION! Cet équipement est approuvé pour la mobile et la station base dispositifs d'émission seulement. Antenne(s) utilisé pour cet émetteur doit être installé pour fournir une distance de séparation d'au moins 25 cm à partir de toutes les personnes et ne doit pas être situé ou fonctionner en conjonction avec tout autre antenne ou émetteur.

FCC-approved antennas

The can be installed using antennas and cables constructed with non-standard connectors (RPSMA, RPTNC, and so forth) An adapter cable may be necessary to attach the XBee connector to the antenna connector.

The modules are FCC approved for fixed base station and mobile applications for the channels indicated in the tables below. If the antenna is mounted at least 25 cm from nearby persons, the application is considered a mobile application.

The antennas below have been approved for use with this module. Digi does not carry all of these antenna variants. Contact Digi Sales for available antennas.

Bluetooth antennas

The following tables cover the antennas that are approved for use with the Bluetooth radio.

Integral antenna

Part number	Type (description)	Gain	Application
31000020-01	Integral antenna	-2.5 dBi	Fixed/Mobile

Dipole antennas

Part number	Type (description)	Gain	Application
A24-HASM-450	Dipole (Half-wave articulated RPSMA-4.5")	2.1 dBi	Fixed/Mobile
A24-HABUF-P5I	Dipole (Half-wave bulkhead mount U.FL w/ 5" pigtail)	2.0 dBi	Fixed/Mobile
A24-HASM-525	Dipole (Half-wave articulated RPSMA-5.25")	2.0 dBi	Fixed/Mobile

Flex PCB antennas

Part number	Type (description)	Gain	Application
FXP74.07.0100A	Flexible PCB, U.FL w/ 100mm pigtail	4.0 dBi	Fixed/Mobile

Cellular antennas

Antenna gain must be below:

Frequency band	Gain
Band 2 (1900 MHz)	9.70 dBi
Band 4 (1700 MHz)	6.00 dBi
Band 12 (700 MHz)	9.01 dBi

Bande de fréquence	Gain
Band 2 (1900 MHz)	9.70 dBi
Band 4 (1700 MHz)	6.00 dBi
Band 12 (700 MHz)	9.01 dBi

Labeling requirements for the host device

The device shall be properly labeled to identify the product within the host device. The certification labels of the module shall be clearly visible at all times when installed in the host device, otherwise the host device must be labeled to display the FCC ID and IC of the module, preceded by the words "Contains transmitter module", or the word "Contains", or similar wording expressing the same meaning, as follows:

- Contains FCC ID: MCQ-XB3C1
- Contains IC: 1846A-XB3C1
- Contains FCC ID:RI7XE866A1NA
- Contains IC: 5131A-XE866A1NA

L'appareil hôte doit être étiqueté comme il faut pour permettre l'identification des modules qui s'y trouvent. L'étiquettes de certification du module donné doit être posée sur l'appareil hôte à un endroit bien en vue en tout temps. En l'absence d'étiquette, l'appareil hôte doit porter une étiquette donnant le FCC ID et le IC du module, précédé des mots « Contient un module d'émission », du mot « Contient » ou d'une formulation similaire exprimant le même sens, comme suit:

- Contains FCC ID: MCQ-XB3C1
- Contains IC: 1846A-XB3C1
- Contains FCC ID:RI7XE866A1NA
- Contains IC: 5131A-XE866A1NA

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de classe B est conforme à la norme canadienne ICES-003.