

# Fresh Source International Inc.

## RF Specification

Operating Frequency:	2420, 2450, 2470 MHz
Type of Modulation:	GFSK
Number of Channels:	3 Channels
Channel Separation:	1 MHz
Antenna Type:	Integral
Antenna Gain:	0 dBi
Speciality:	N/A
Function:	N/A
Power Supply:	DC 3.3V
Power cord:	N/A

## 1. Requirement of FCC KDB 996369 D03 for module certification:

### 1.1 List of applicable FCC rules a:

The module complies with FCC Part 15.249

FCC ID: 2AXPN90-991-1 on User manual and on the external.



### 1.2 Summarize the specific operational use conditions:

The module has been certified for Portable applications. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### 1.3 Limited module procedures:

The module has not its own RF shielding, which belongs to Limited module Standard requires: RF shielding should be provided to the limited modular transmitter for our own products.

### 1.4 Trace antenna designs:

Not applicable.

### 1.5 RF exposure considerations:

This equipment complies with FCC's and IC's RF radiation exposure limits set forth for an

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uncontrolled environment. The antenna(s) used for this transmitter must not be collocated or operating in conjunction with any other antenna or transmitter.

## 1.6 Antennas:

Type	Gain	Impedance	Application
Integral Antenna	0 dBi	50Ω	Fixed

The antenna is permanently attached, can't be replaced.

## 1.7 Label and compliance information:

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.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: 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 and, if not installed and used in accordance with the instructions, 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 the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into 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 host product Labeling Requirements:

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NOTICE: The must make sure that FCC labeling requirements are met. This includes a clearly visible exterior label on the outside of the final product housing that displays the contents shown in below:

Contains FCC ID: 2AXPN90-991-1

## 1.8 Information on test modes and additional testing requirements:

When testing host product, the host manufacture should follow FCC KDB Publication 996369 D04 Module Integration Guide for testing the host products. The host manufacturer may operate their product during the measurements. In setting up the configurations, if the pairing and call box options for testing does not work, then the host product manufacturer should coordinate with the module manufacturer for access to test mode software. Simultaneously transmitting modules installed in the host should be all active.

## 1.9 Additional testing, Part 15 Subpart B disclaimer:

The modular transmitter is only FCC authorized for the specific rule parts (FCC Part 15.249) list on the grant, and that the host product manufacturer is responsible for compliance to any other FCC rules that apply to the host not covered by the modular transmitter grant of certification. The final host product still requires Part 15 Subpart B compliance testing with the modular transmitter installed when contains digital circuitry.