



AMPAK

WUBB-743GN_WO PIN

Evaluation Kits

User manual

Version 1.0

Revision History

Date	Revision Content	Revised By	Version
2015/04/20	Initial released	Morris	1.0

1. WUBB-743GN_WO PIN Evaluation Board Introduction

WUBB-743GN_WO PIN Evaluation board (EVB) likes as figure1. That is designed for IEEE802.11 b/g/n WLAN application. It is subject to provide a convenient environment for customer's verification on Wi-Fi function.

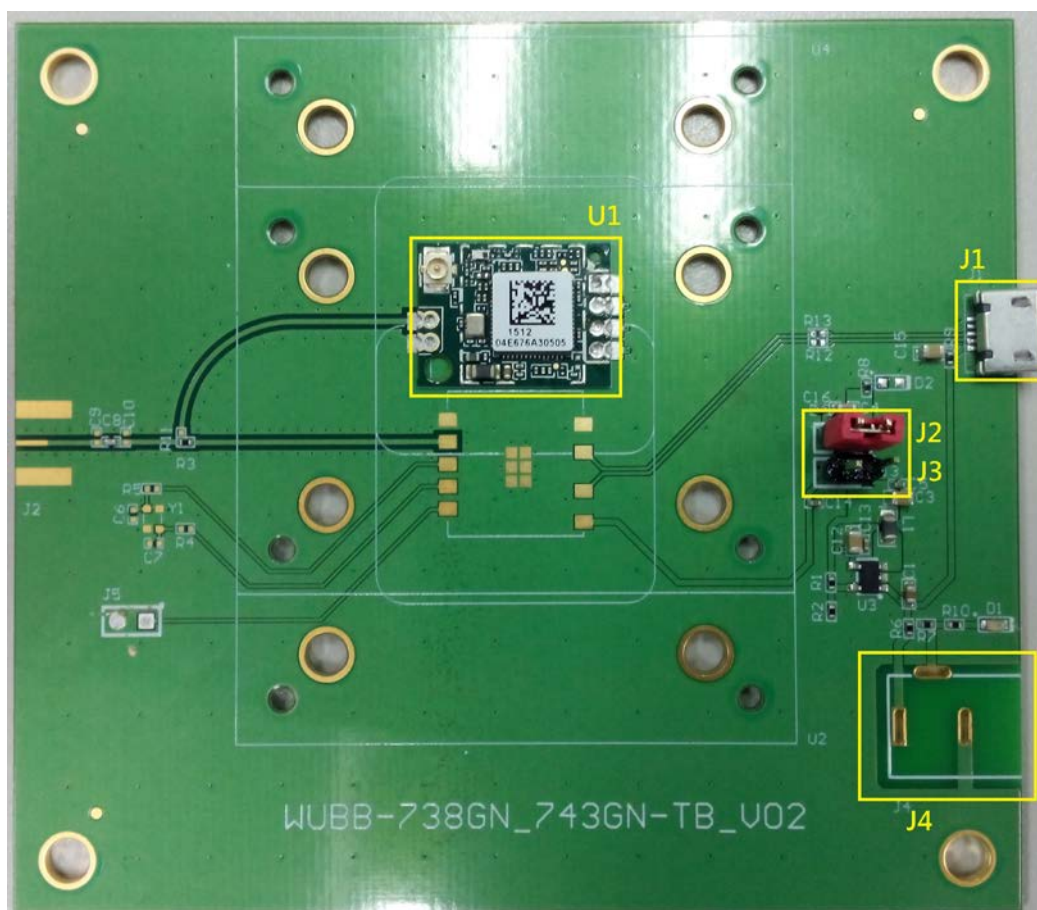


Figure1. Top view of WUBB-743GN_WO PIN EVB

Interface highlights:

1. U1: WUBB-743GN_WO PIN module.
2. J1: USB interface for Wi-Fi performance measured.
3. J2: VBAT(3.3V) for main system I/O power path(WUBB-743GN_WO PIN).
4. J3: VBAT(3.3V) for main system I/O power path(WUBB-738GN).
5. J4: 5V DC adaptor input connector.



2. WiFi function verification step

Hardware Setup:

- ❖ USB pin definition connects the J1 interface of WUBB-743GN_WO PIN evaluation board to Host USB control interface.
- ❖ Connects an external antenna at IPEX connector on the evaluation board.

WiFi software setup:

Please follow up software guideline of Ampak official released.



Federal Communication Commission Interference Statement

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 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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.

IMPORTANT NOTE:

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Country Code selection feature to be disabled for products marketed to the US/CANADA

This device is intended only for OEM integrators under the following conditions:

- 1) The antenna must be installed such that 20 cm is maintained between the antenna and users, and
- 2) The transmitter module may not be co-located with any other transmitter or antenna,
- 3) For all products market in US, OEM has to limit the operation channels in CH1 to CH11 for 2.4G band by supplied firmware programming tool. OEM shall not supply any tool or info to the end-user regarding to Regulatory Domain change.

As long as 3 conditions above are met, further transmitter test will not be required. However, the OEM integrator is still responsible for testing their end-product for any additional compliance requirements required with this module installed

IMPORTANT NOTE

In the event that these conditions can not be met (for example certain laptop configurations or co-location with another transmitter), then the FCC authorization is no longer considered valid and the FCC ID can not be used on the final product. In these circumstances, the OEM integrator will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate FCC authorization.

End Product Labeling

This transmitter module is authorized only for use in device where the antenna may be installed such that 20 cm may be maintained between the antenna and users. The final end product must be labeled in a visible area with the following: "Contains FCC ID: ZQ6-WUBB743GN".

Manual Information to the End User

The OEM integrator has to be aware not to provide information to the end user regarding how to install or remove this RF module in the user's manual of the end product which integrates this module.

The end user manual shall include all required regulatory information/warning as show in this manual.