

Federal Communications Commission
 Authorization and Evaluation Division
 Equipment Authorization Branch
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RE: Certification Application

HVIN : JODY-W377-00A, FCC ID : XPYJODY-W377, IC : 8595A-JODY-W377

HVIN : JODY-W377-00B, FCC ID : XPYJODY-W377, IC : 8595A-JODY-W377

Mode Function Declaration

Company name: u-blox AG

To whom it may concern:

We, the undersigned, declare for the devices described above that the operating mode of the modular transmitter is configured by host software. All customers of this product must sign a contractual agreement that restricts the host software to configure the modular transmitter in authorized modes of operation only. u-blox provides configuration files to all host product manufacturers that correspond to the modular transmitter authorization. We refer to the Software security and software configuration description which is part of this certification application for more details.

The modes of operation (and restrictions) enforced by contractual agreement and implemented by software configuration provided by u-blox are as follows:

1. The modular transmitter may use the Ad Hoc capability on all its operating frequencies (see Table 1).
2. The modular transmitter does not initiate transmission within the frequency band 5600 – 5650 MHz.

On DFS channels, the modular transmitter may operate as master and client.

3. The modular transmitter is not able to operate on non- US/Canadian frequencies within USA/Canada.

Frequency band [MHz]	Active scanning (the device can transmit a probe)	Passive scanning (the device is listen only with no probe)	Ad-hoc mode capability	Access point capability
2412 – 2462	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No
2467 – 2472	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No
5180 – 5240	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No
5280 – 5320	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No
5500 – 5700 (excl. 5600 – 5650)	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No
5745 – 5825	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No	<input checked="" type="checkbox"/> - Yes, <input type="checkbox"/> - No

Table 1 Active/Passive scanning, Ad-hoc mode/Access point capability of JODY-W3

Sincerely,




 u-blox AG
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Filip Kruzela, Certification Manager, u-blox AG