

IN – Information Note

Topic:	EMMY-W1 Initial Production status
	UBX-16017374
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1 Affected Products

Product Name	Ordering Code	Type Number	Remarks
EMMY-W161	EMMY-W161-00B	EMMY-W161-00B-00	
EMMY-W163	EMMY-W163-00B	EMMY-W163-00B-00	
EMMY-W165	EMMY-W165-00B	EMMY-W165-00B-00	
EMMY-W161-A	EMMY-W161-00A	EMMY-W161-00A-00	
EMMY-W163-A	EMMY-W163-00A	EMMY-W163-00A-00	
EMMY-W165-A	EMMY-W165-00A	EMMY-W165-00A-00	
EVK-EMMY-W161	EVK-EMMY-W161-A	EVK-EMMY-W161-A-01	Evaluation kit for EMMY-W161/165
EVK-EMMY-W163	EVK-EMMY-W163-A	EVK-EMMY-W163-A-01	Evaluation kit for EMMY-W163

2 Type of Change

- Others: Initial Production product status
- Hardware modification (label contents update)
- Documentation update

3 Description of Change

3.1 Initial Production product status

The products listed in section 1 are in Initial Production status. Table 1 shows the country-specific radio type approvals that have been acquired for different product variants of the EMMY-W1 series modules. The FCC approval allows for use as DFS client now, and approval for DFS master is in progress. Besides the completed radio type approvals, the changes compared to the Engineering Sample version are adjustments of the RF parameters, addition of FCC ID and IC ID on the module label, and full test coverage in the production system.

Product name	Certification EU R&TTE	US FCC	Canada IC	Japan MIC	Australia ACMA	South Korea KCC
EMMY-W161	✓	✓	✓		✓	
EMMY-W161-A	✓	✓	✓		✓	
EMMY-W163	✓	✓	✓	✓		✓
EMMY-W163-A	✓	✓	✓	✓		✓
EMMY-W165	✓	✓	✓			
EMMY-W165-A	✓	✓	✓			

Table 1: EMMY-W1 radio type approvals overview

3.2 Label contents update

The module label on the EMMY-W163 and EMMY-W163-A will be updated on February 6, 2017 to include also the certification markings and IDs for the Japan and Korea radio type approvals. Please see the Data sheet [1] for details of the updated label.

3.3 Documentation update

The following documents (either new or updated version) are now available:

- EMMY-W1 Data sheet [1]
 - Specifically note the errata of tolerances in the dimensional drawing
- EMMY-W1 System Integration Manual [2]
- EMMY-W1 Product Summary [3]
- EMMY-W1 Declaration of Conformity [4]
- EVK-EMMY-W1 User Guide [5]

3.3.1 Alternative to refer to the u-blox FCC ID

To simplify the certification process of the end-product that integrates the u-blox module, we now allow our customers to refer to the u-blox FCC ID and IC certification. This does not only make the initial certification easier, but also lowers the effort to keep the end-product up to date with upcoming regulatory changes, as u-blox will ensure that the modular approval is up to date. See the updated System Integration Manual [2] for further information.

4 Schedule

EMMY-W161, EMMY-W161-A, EMMY-W163 and EMMY-W163-A have reached Initial Production status on July 25, 2016. EMMY-W165 and EMMY-W165-A have reached Initial Production status on October 31, 2016. EVK-EMMY-W161 and EVK-EMMY-W163 have reached Initial Production status on November 28, 2016. Shipments from these dates contain products with Initial Production status.

The module label on EMMY-W163 and EMMY-W163-A will be updated on February 6, 2017. All EMMY-W163 and EMMY-W163-A shipments from February 6, 2017 will have the updated label.

The updated documents are available now.

5 Customer Impact and Recommended Action

Please go through the revision history of the Data Sheet [1] and System Integration Manual [2] to know the changes. Specifically note the errata of tolerances in the dimensional drawing in the Data Sheet.

Customers may need to update their Automated Optical Inspection (AOI) system to accept the new product label contents.

6 Reference Documents

- [1] [EMMY-W1 series Data Sheet, u-blox document UBX-15011785](#)
- [2] EMMY-W1 series System Integration Manual, u-blox document UBX-15024929 *
- [3] [EMMY-W1 series Product Summary, u-blox document UBX-15004186](#)
- [4] [EMMY-W1 EC Declaration of Conformity, u-blox document UBX-16007139](#)
- [5] [EVK-EMMY-W1 User Guide, u-blox document UBX-15012713](#)

* Contact u-blox support or your u-blox sales contact to request this document.