

# Annex 5: Customer declaration: HW change description v1.2 to Test Report 20-1-0017101T02a-C1

## 1 LOCU1xxx HW change description v1.2



Hardware change description  
SICK LOCU1xx – UWB TAG

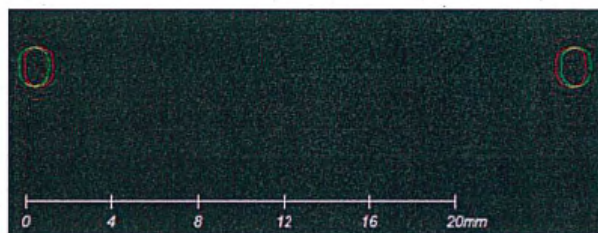
v1r3 -> v1r3.1 change description

Improvements/changes:

- v1r3.1 is a minor revision of v1r3 with improved coin battery holder.
- BOMs for all variants are equal for both v1r3 and v1r3.1 with a single exception: The only difference is for LOCU Battery Basic/Advanced assembly variant, where there is additional plate for negative battery contact (Keystone 2991).
- Revision label on the bottom side of PCB was changed for all variants.

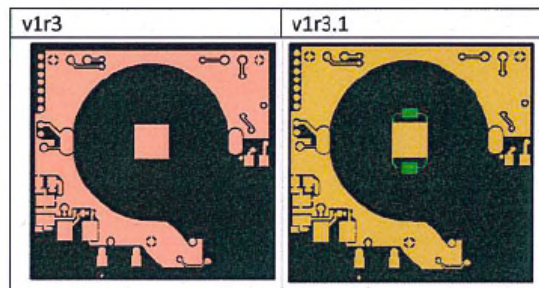
Details for changes of LOCU Battery Basic/Advanced bottom layer:

1. Battery holder: Pad adjustment of negative battery contact- milled grooves for battery holder are shifted in v1r3.1 comparing to v1r3. The pitch of grooves is increased by 0,45 mm.



- red mark - v1r3
- green mark - v1r3.1

2. Negative battery contact: Additional negative battery contact (Keystone 2991) added to v1r3.1:



RF performance is not affected, since antennas are on top side of the PCB, which is shielded by ground plane in the inner layer from the slightly adjusted bottom layer.

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Signature:

**End Of Annex 5**