

Declaration statement

Declaration

Blooloc declares the original test reports for 2ATEU-YB010050WT granted August 30th, 2019 are valid and represent the new FCC IDs 2ATEU-YB010030KT and 2ATEU-YB010040BT.

Blooloc declares the original test reports for 25076-YB010050WT granted September 3rd, 2019 are valid and represent the new IC IDs 25076-YB010030KT and 25076-YB010040BT.

Original test reports include MDE_OPTION_1904_FCC03_REV01-FINAL-2019-08-16 and MDE_OPTION_1904_FCC04-FINAL-2019-08-15

PCB similarities and changes

- The PCB layout on YB010030KT, YB010040BT and YB010050WT is nearly identical, but the form of the PCB is different (see pictures)
- Clock crystals on all designs are identical
- All three devices are based on the same radio chip (system on chip Nordic nrf52832) - the package of the chip on all devices is WLCSP
- Power supply is CR2032 on YB010030KT and YB010050WT; CR3032 YB010040BT. In all cases, the internal DCDC converter of the nrf52 is used to provide the power to the radio.
- Antenna design on YB010030KT and YB010040BT is identical. YB010050WT has an antenna specifically for its design - the characteristics of all antennas are known

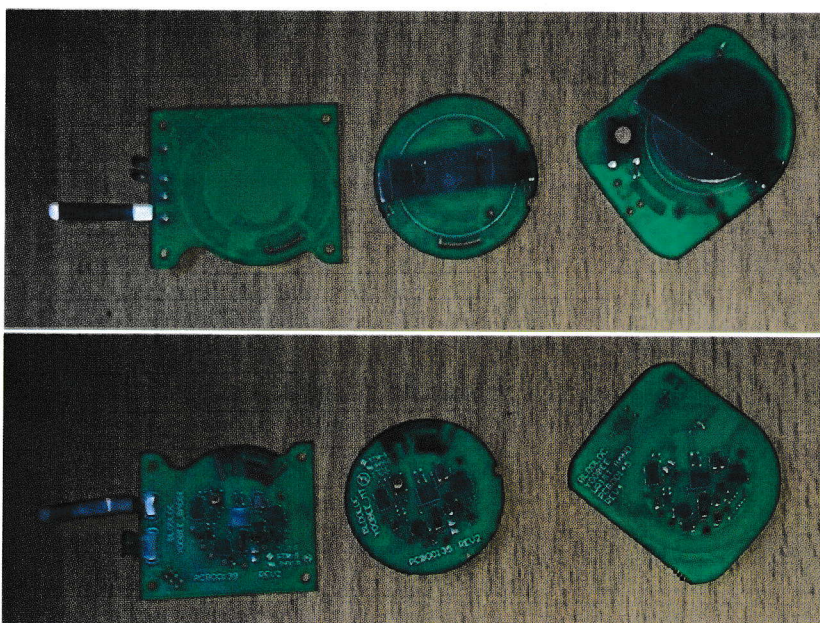


Figure 1 From L to R: YB0100-40BT, -30KT, -50WT

Signature

Date

September 23rd, 2019

Name and function

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