MT4ADS Operational Description - Addendum

Applicant: Otodata Wireless Network, Inc.
FCC ID: 2ADQFMT4ADS

We confirm that the MT4ADS in inherently compliant because it lacks the architecture to be able to have any software installed. This includes software produced or provided by **Kaspersky Lab, Inc.** or any of its successors and assignees, including equipment with integrated Kaspersky Lab, Inc. (or any of its successors and assignees) cybersecurity or anti-virus software is installed in the equipment being certified.

The MT4ADS does not possess the necessary architecture to support software developed or provided by Kaspersky Lab, Inc. This includes the following components:

- Absence of a Central Processing Unit (CPU)
- Lack of Random-Access Memory (RAM)
- No available storage space (HDD or SSD)
- Absence of an operating system (such as Microsoft Windows, Linux, or Apple macOS)

To provide a comprehensive operational description, please find below the Block Diagram of the MT4ADS circuitry:
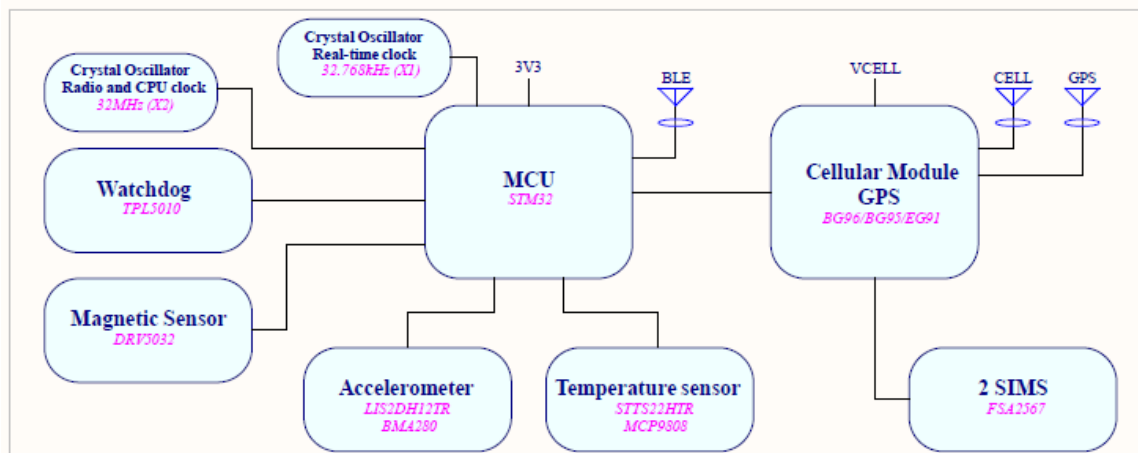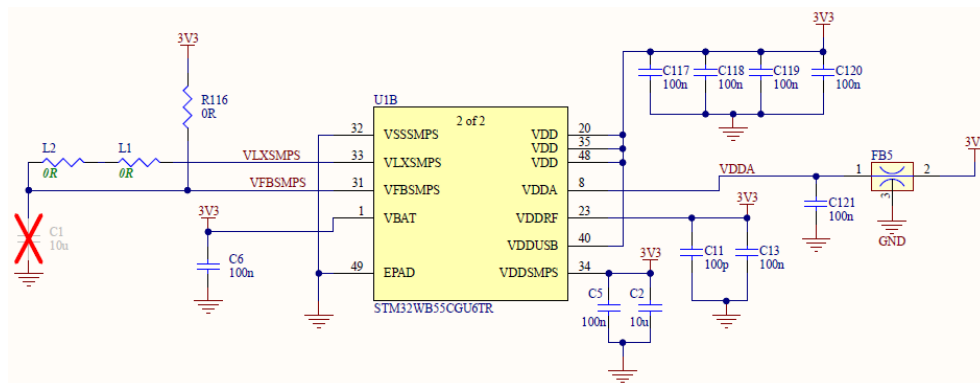

The only controller used on the MT4ADS is a STM32WB55CGU6TR Microcontroller unit (MCU), identified as U1 in our schematics.

As per the STM32WB55 datasheet, the configuration of this MCU only as 1 Mbyte of Flash memory. This is the only amount of memory located on the MT4ADS.

The MCU is detailed in 2 sections in our schematics: the power section and I/O section.

- Power section:

- I/O section:

The I/O section is utilized for factory programming of the device, receiving clock signals, reading sensor inputs (including Magnetic, Accelerometer, and Temperature), activating Bluetooth, and communication with the cellular module via UART.

Consequently, the MT4ADS is inherently compliant with the restrictions set forth on Kaspersky Lab, Inc.

Julien Renaud
Certification Manager
Otodata Wireless Network, Inc.
2024/10/17