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Subject: Usage of IC200
FCC ID: 2ASE6EDGEFCR3

Neu-Isenburg, 14.08.2019

Gentlemen:

We, MYNXG product GmbH, as a manufacturer of the device EDGE FCR 3 hereby provide this letter to explain the role of the IC200.

1 Intended use of the IC200

The IC200 is the CC2538 from Texas Instruments which is a Powerful Wireless Microcontroller System-On-Chip for 2.4-GHz IEEE 802.15.4, 6LoWPAN, and ZigBee® Applications.

The IC200 is mounted on the Connector Board of the Edge FCR 3 and it is used only as microcontroller to control the Sub-1GHz of the device. The peripherals of the IC200 used are:

- 1x USB 2.0 Full Speed (12 Mbps) which is connected through a USB hub to the CPU
- 1x SPI which is connected to the Sub-1GHz transceiver
- 3x GPIO which are connected to control the PA

The signed FW installed on CC2538 is only translating the USB commands coming from the CPU to SPI commands to control the Sub-1GHz transceiver and the GPIOs for the PA.

The RF Transceiver is switched off in the FW and there is no way for someone to enable as it is not supported.

2 Security

The FW is signed by the MYNXG Product GmbH and the signature is always read by the CPU. In case an intruder tries to install a different FW then the CPU will not allow to send any command to the USB.

Sincerely,



BERND MOELLER, CEO
MYNXG Product GmbH

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