

Date: April 3, 2023
DEKRA Testing and Certification, S.A.U.
Parque Tecnológico de Andalucía
C/ Severo Ochoa 2 & 6
29590 Campanillas
Málaga, España

Class II permissive change request letter

We,

Salto Systems S.L.,
Pol. Lanbarren, C/Arkotz 9, Oiartzun, Gipuzkoa, Spain

pursuant FCC §2.1043 and pursuant IC RSP-100, hereby request the evaluation of a Class II permissive change as described below for the following device.

FCC ID: UKCIQ2
PMN: IQ2.0
HVIN: IQ222, IQ223, IQ224
IC-ID: 10088A-IQ2
HMN: N/A
FVIN: N/A

The changes made to the currently certified model is the replacement from the previous BLE module BGM111 to the new BGM220 module.

In order to assemble the new BGM220 module in the PCB, following the instructions specified by module manufacturer, the IQ products have required more space on the PCB to integrate all the components from the mentioned component to operate properly, respecting former integration with BGM111 module.

Along with the change from the previous BGM111 BLE module to the new BGM220 module, the PCB supplier has changed in order to secure the PCB supply chain. The manufacturing tolerances of the new manufacturer have changed compared to the old one, requiring a new tuning of the IEEE 802.15.4 interface. The new tuning resulted in a lower output power than the old board, but with greater uniformity across all units produced, guaranteeing at the same time the absence of out-of-band interference. This tuning has been achieved modifying the values from elements L31 (an inductor).

Therefore, this product can be considered electrically identical to the corresponding already assessed radio module except for these replacements.

Updated operational Description, test reports and Block Diagram for this model have been developed.

Sincerely,





SALTO Systems, S.L.
C/Arkotz 9 Pol. Lanbarren 20180
Oiartzun (Gipuzkoa)

By: Borja Nieto
Title: **R&D Certifications Manager**
Company: Salto Systems S.L.
Telephone: +34 617 890 394
e-mail: b.nieto@saltosystems.com