

Date: August 21, 2023

DEKRA Testing and Certification, S.A.U.
Parque Tecnológico de Andalucía
C/ Severo Ochoa 2 & 6
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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: UKCWRD0M
PMN: Design XS - Wall Reader
HVIN: WRD0M
IC-ID: 10088A-WRD0M
HMN: N/A
FVIN: N/A

The changes made to the currently certified model are related to the DC/DC converter. A new solution has been implemented on WRD0M device, replacing previous component, which is not pin to pin compatible. Despite this change, the voltage transformation has the same values as the former DC/DC component had. Additionally, the LDO regulator has been substituted by a newer component.

The modifications mentioned above have required a new tuning of the RFID 13.56 MHz interface in order to improve and avoid undesired interferences in the out of band domain. This tuning has been achieved by modifying the values from elements c1a_1, c1b_1, c1a_2, c1b_2, c51, c14 (capacitors), R12, R15, R18 (resistors) and I1 (inductor).

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

Plus, the product marketing name for this device has evolved to Design XS Reader, for which we would like to make an update as well.

Updated operational Description, test reports, block diagram and internal pictures for this model have been developed.

Sincerely,



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