

NBB Controls + Components GmbH
Otto-Hahn-Straße 3 – 5 · 75248 Ölbronn-Dürn · GERMANY

02/17/2022

Telecommunication Certification Body
UL International (UK) Ltd.
Units 1-3, Horizon
Wade Road
Kingsland Business Park
Basingstoke
Hampshire
RG24 8AH
United Kingdom

Subject: FCC Single-Modular Approval Letter
FCC ID: SJ7TM2400A

To whom it may concern

We, NBB Controls & Components GmbH, hereby declare that the product, FCC ID: SJ7TM2400A, has met the single-modular approval requirements of FCC rule part §15.212(a)(1) and this is shown in the table below. The module will not be commercially available and will only be installed by NBB Controls & Components in our own products. Integration instructions are internal confidential manufacturing documents.

Requirement	Compliance: Yes or No along with a justification
The radio elements must have the radio frequency circuitry shielded. Physical components and tuning capacitor(s) may be located external to the shield, but must be on the module assembly	Yes The module has a shielding plate.
The module must have buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal	Yes All modulation and data inputs are buffered by circuitry on CC2520.
The module must contain power supply regulation on the module	Yes U3 separate DC/DC Converter on module
The module must contain a permanently attached antenna, or contain a unique antenna connector, and be marketed and operated only with specific antenna(s), per Sections 15.203, 15.204(b), 15.204(c), 15.212(a), 2.929(b)	Yes internal SMD: Molex 0479480001 external ROD: ANT-2.4-CW-HW-T with RP-SMA connector
The module must demonstrate compliance in a stand-alone configuration	Yes The RF-module is 10 cm extended from the host for testing.
The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements)	Yes The module has an own label and the ID will be shown ether on the display on the host or included on the host label
The module must comply with all specific rules applicable to the transmitter including all the conditions provided in the integration instructions by the grantee	The module complies with the operating requirements of Part 15
The module must comply with RF exposure requirements	Yes

Yours faithfully,



Alex Gorynin
Compliance Manager