



Date (2021-05-18)

Federal Communications Commission
 Equipment Authorization Branch
 7435 Oakland Mills Road
 Columbia, MD 21046

Modular Approval Request

FCC ID: 2AZB26430074203061

The following attestation addresses the requirements to support modular approval:

Modular approval requirement	Yes (provide brief statement)	No *
(a) 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, Progda Xampion PWB design included RF shield which cover all the BLE main module circuit components.	
(b) 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, The Xampion PWB design is based on Nordic semiconductor nRF52832 BLE microcontroller module with buffered modulation/data inputs.	
(c) The module must contain power supply regulation on the module	Design included Li-Ion/Polymer battery charger circuit which regulates battery charging levels and LDO circuit to regulate output level accuracy.	
(d) 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)	Antenna design included SMD mounted Ceramic chip Antenna. Chip antenna is tuned to operate most efficiency at Bluetooth frequencies.	
(e) The module must demonstrate compliance in a stand-alone configuration	Yes, module can compliance at stand-alone configuration.	
(f) 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, Module will be having permanently affixed FCC ID label information laser engraved to the mechanic cover.	

(g) The module must comply with all specific rules applicable to the transmitter. The grantee must provide comprehensive instructions to explain compliance requirements	Yes, Transmitter design is based on Nordic semiconductor nRF52832 BLE microcontroller module and same baseline has been comply approved in many similar designs.	
--	--	--

Modular approval requirement	Yes (provide brief statement)	No *
(h) The module must comply with RF exposure requirements	Our design baseline and Xampion design at FCC testing module comply with all RF exposure requirements.	

* Please provide a detailed explanation if the answer is "No."

Yours sincerely,



Name: Tero Suominen
Title: Chairman of the Board