



July 15<sup>th</sup>, 2024.

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

### **Request for Limited Modular Approval**

**FCC ID: 2BH2H-C02XOG02000**

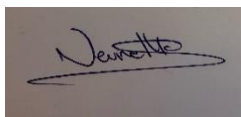
**The following attestation addresses the requirements to support modular approval:**

<b>Modular approval requirement</b>	<b>Yes (provide brief statement)</b>	<b>No *</b>
(1) The radio elements must have its own radio frequency circuitry shielded. The physical crystal and tuning capacitor(s) may be located external to the shield, but must be on the module assembly	The module contains a metal shield which covers all RF components and circuitry. The shield is located on the top of the board next to antenna connector	–
(2) The module must have buffered modulation/data inputs (if provided) to ensure that the device will comply with FCC requirements under conditions of excessive data rates or over-modulation.	Data to the modulation circuit is buffered as described in the operational description provided with the application.	–
(3) The module must contain its own power supply regulation on the module. This is intended to ensure that the module will comply with FCC requirements regardless of the design of the power supplying circuitry in the device into which the module is installed.	--	The module accepts power from an externally regulated power supply unit. It receives 3.3Volts DC.
(4) The module must comply with the antenna and transmission system requirements of §§ 15.203, 15.204(b), 15.204(c), 15.212(a), and 2.929(b). The antenna must either be permanently attached or employ a “unique” antenna coupler (at all connections between the module and the antenna, including the cable). The “professional installation” provision of § 15.203 is not applicable to modules but can apply to limited modular approvals under paragraph 15.212(b). 15.212(a)(1)(iv)	The module connects to its antenna using a standard SMA style connector. A list of antennas tested and approved with this device may be found in user’s manual provided with the application.	–
(5) The module must demonstrate compliance in a stand-alone configuration, the module must not be inside another device during testing. This is intended to demonstrate that the module can comply with Part 15 emission limits regardless of the device into which it is eventually installed.	–	The module was tested within a representative host (XtractOne Gateway, model: S00-XOG-02000) as shown in test setup photographs filed with this application

(6) The module must be labelled with its permanently affixed FCC ID label, or use an electronic display (See KDB Publication 784748 about labelling requirements)	--	The module is too small to have a label printed on it. The FCC ID is printed in the user manual and battery case of the host product.
(7) The module must comply with all specific rule or operating requirements applicable to the transmitter, including all the conditions provided in the integration instructions by the grantee. A copy of these instructions must be included in the application for equipment authorization.	Example: The module complies with FCC Part 15C requirements. Instructions to the OEM installer are provided in the installation manual filed with this application	–
(8) The module must comply with any applicable RF exposure requirements	The module meets Portable exclusion levels as shown in the RF exposure information filed with this application.	–

FCC Class II Permissive Change filing by the grantee (Xtract One) is required for each new host configuration.

Sincerely,



Signed by:

*Signature*

Nevine Demitri

*Print name*

Director of Innovation

*Title*

647-271 0723

*Phone*