



August 22, 2017

Modular Approval Request - FCC

FCC ID.: 2AL5J-120110

Product Name: NM120100

To whom it may concern:

Pursuant to the requirements of DA00-1407 and 996369 "D01 Module Equip Auth Guide v02" for modular approval of Part 15 devices:

| Requirement | Comments/Declaration |
|--|----------------------|
| i. The radio elements must have the radio frequency circuitry shielded. Physical/discrete and tuning capacitors may be located external to the shield, but must be on the module assembly. | |
| ii. 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. | |
| iii. The module must contain power supply regulation on the module. | |
| iv. 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). | |
| v. The module must demonstrate compliance in a stand-alone configuration | |
| vi. The module must be labeled with its permanently affixed FCC ID label, or use an electronic display | |
| vii. The module must comply with all specific rules applicable to the transmitter. The grantee must provide comprehensive instructions to explain compliance requirements. | |
| viii. The module must comply with RF exposure requirements. | |

Date: August 22, 2017

A handwritten signature in black ink, appearing to read 'Joshua K. H. Wong'.

Name: Joshua K. H. Wong

Title: Chief Executive Officer

On behalf of: Northern Mechatronics Inc.

Phone: +1 (519) 497-5076

Email: joshua@northernmechatronics.com