

Date: September 8, 2020

American Certification Body, Inc.

6731 Whittier Avenue

Suite C110

McLean, VA 22101

RE: FCC module criteria (15.212), FCC ID: 2ALHY1356NFC-FCC-IC

To Whom It May Concern:

Please be advised that the RS485 RFID Reader module complies with the required FCC module criteria (15.212) as listed below:-

- 1) The module does not have a metal shield. It complies with the required RF emissions regulations by design of careful filtering and tuning of the antenna circuit and use of components such as antenna circuit inductors and capacitors. The RF emissions and susceptibility of the module are guaranteed to remain the same as tested because firstly the antenna is constructed from printed circuit board tracks which by manufacture are identical on each unit made. Secondly the antenna circuit is not in any way adjustable for gain or any other setting by the installer or user that could alter its RF emissions or susceptibility in any way. Final/Host product testing will be performed by the host equipment manufacturer with the module in Situ.
- 2) The module does have buffered modulation/data inputs.
- 3) The module does has its own power supply regulation.
- 4) The module does meet Part 15 antenna requirements.
- 5) The module was Not tested in a stand-alone configuration and Radiated and AC powerline conducted emissions should be tested in the final host product to confirm compliance with the FCC's rules, and added to the existing certification.
- 6) The module is labelled with the FCC ID
- 7) The module does meet its own FCC rule part (47CFR part 15.225)
- 8) The module does meet the RF Exposure requirements for a mobile device (20cm)

Thank you for your attention to this matter.

Yours faithfully

By: Darren J Turner



Title: Managing Director (CEO)

On behalf of: Eccel Technology Ltd.