



Date: 12 March 2015

Federal Communications Commission  
Authorization and Evaluation Division

RE: Limited Modular Approval Request for FCC ID: 2AD9Z-INS1011976

To Whom It May Concern:

Thermo Fisher Scientific Inc. hereby requests modular approval of the RFID Module. The Part 15 Requirements for limited modular approval have been met and will be discussed below:

The RFID module consists of a transmitter in the 13.56MHz

The following applies to this module:

Module will be installed in the Ion Torrent S5™ and S5™XL Genetic Sequencer.  
Modules will only be installed by Thermo Fisher Scientific contract manufacturer at the factory during production.

The module has an E-field shielded antenna using PCB ground planes

It is powered/controlled by USB connected to host system.

It has its own power supply regulation from USB power.

The module has been tested with onboard antennas which are permanently attached. It has no antenna plugs.

The module has been tested in a stand-alone configuration.

The module is embedded in a system and not visible to user, system will carry electronic label accessible from main application screen.

The module complies with all applicable FCC rules. Instructions for maintaining compliance are provided in documents accompanying the host devices in which the module will be incorporated (Instructions for Use or Service Guide).

The module complies with applicable SAR and RF exposure requirements.

Signatory

A handwritten signature in blue ink, appearing to read "Scott Taylor".

Scott Taylor

Staff Engineer, Electrical