

Date: August 5, 2014

Dear Application Examiner,

Rehabilitation Institute of Chicago, would like to have your authorization for Module Approval specific to the portable device with FCC ID: 2ABS8CBM0114IL32. The requirements of FCC Code of Federal Regulations Title 47 Part 15.212 have been met as shown below:


FCC & IC Modular Approval Checklist:

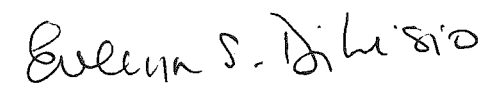
Modular approval requirement	Yes	No
(a) The radio elements must have the radio frequency circuitry shielded. Physical/discrete and tuning capacitors may be located external to the shield, but must be on the module assembly.	X	
Explanation: The radio portion of the module is contained in its own RF shielding. The shielding is installed at the factory. Please see the Internal Photos exhibit.		
(b) The module shall have buffered modulation/data input(s) (if such inputs are provided) to ensure that the module will comply with the requirements set out in the applicable RSS standard under conditions of excessive data rates or over-modulation.	X	
Explanation: The EUT has buffered data inputs to insure compliance with Part 15 requirements under conditions of excessive data rates or over-modulation. Please see the Schematics exhibit.		
(c) The module shall have its own power supply regulation on the module. This is to ensure that the module will comply with the requirements set out in the applicable standard regardless of the design of the power supplying circuitry in the host device which houses the module.	X	
Explanation: The EUT has its own power supply regulation to insure compliance with Part 15 requirements regardless of the quality or level of external DC supplying the module from the host unit. Please see Schematics exhibit. Also, the technical report exhibit contains AC power line conducted emissions data taken with the EUT powered from a linear power supply that contains no EMC suppression components.		

(d) The module shall comply with the provisions for external power amplifiers and antennas detailed in FCC Part 15.203, 15.204(b) & 15.204(c) and RSS-Gen Issue 3. The equipment certification submission shall contain a detailed description of the configuration of all antennas that will be used with the module.	X	
Explanation: The EUT meets the FCC antenna requirements. Please see the RIC Description of Operation exhibit.		
Modular approval requirement	Yes	No
(e) The module shall be tested for compliance with the applicable standard in a stand-alone configuration, i.e. the module must not be inside another device during testing.	X	
Explanation: The EUT was tested in a stand-alone configuration. The module was connected to the host device through typical connectors for product use; these connectors represent what a customer must install on their host device to use the module. Please see test setup photos exhibit and technical report exhibit.		
(f) The module must be labeled with its own FCC ID number and shall comply with Industry Canada's Category I equipment labeling requirements.	X	
Explanation: The EUT is labeled with its own FCC ID number. Please see FCC ID label & location exhibit. Since the FCC ID number will not be visible when the module is installed inside a host device, end users will be provided with instructions for how to label their product.		
(g) The module shall comply with applicable FCC RF exposure requirements, which are based on the intended use/configurations.	X	
Explanation: The EUT is compliant with all applicable RF exposure requirements. Please see RF Exposure Exhibit.		
(h) The modular transmitter must comply with any specific rules or operating requirements that ordinarily apply to a complete transmitter and the manufacturer must provide adequate instructions along with the module to explain any such requirements. A copy of these instructions must be included in the application for equipment authorization.	X	
Explanation: The EUT is compliant with all applicable FCC rules.		

Please contact me if you have any further questions. Thank you for your attention to this matter.

Regards,


Thomas Idstein
Engineering Manager
Rehabilitation Institute of Chicago
345 E Superior Street


Evelyn S. DiLisio
Executive Director, Research
Administration