

Federal Communication Commission

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Certification and Engineering Bureau

Innovation, Science and Economic Development Canada
Spectrum Engineering Branch
3701 Carling Avenue, Building 94
Ottawa, Ontario K2H 8S2

Subject: **Limited Modular Approval Attestation**
FCC Certification Number: SGI-RFM002
CN: 267AB
PMN: RFM002
Model Name/Number: RFM002

TO WHOM IT MAY CONCERN

Pursuant to Paragraphs RSP-100, Issue 11 and CFR § 15.212, we herewith declare for our module:

Modular approval requirement	Yes	No
(a) The radio elements must have the radio frequency circuitry be shielded. Physical/discrete and tuning capacitors may be located external to the shield, but must be on the module assembly.		x
The model above referred does not have its own RF shielding. This limitation is one of the reasons why Sivantos requests only the Limited Modular Approval. The module is to be used exclusively by Sivantos, integrated under controlled conditions and always assuring the total emission and immunity are within specifications. The module is a fully integrated radio module for short range wireless data exchange, including radio circuitry on board and is intended for Sivantos wireless hearing aids only. Therefore, the module cannot be used directly by end users. The behavior of the wireless module is locked by design and can only be changed by Sivantos, so the compliance of the end product is always ensured.		
(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 of ISED and with part 15 of FCC under conditions of excessive data rates or over-modulation.	x	
(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
The wireless parts of the radio module share the power supply with other digital parts, like Digital ASIC. As producer and integrator of the radio module, it is assured that the power supplied will not affect its correct functioning. We apply for a Limited Modular Approval also due to this constraint.		

(d) The module shall comply with the provisions for external power amplifiers and antennas detailed in the applicable RSS. The equipment certification submission shall contain a detailed description of highest antenna gain for each type of antenna.	x	
(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
The modular transmitter has been tested integrated on a typical host, a hearing aid instrument that best represents all the future hosts where the module will be used by Sivantos. Due to the size limitations of the hearing aid instruments, the radio module is in the same PCB of the host making impossible to test it on a standalone configuration.		
(f) The module comply or will comply with applicable RSS-102 exposure requirements and any applicable FCC RF exposure requirement in its intended use/configurations.	x	
Only applicable for FCC certification:		
g) The module must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number.		x
The size of the module is too small for the regulatory FCC label in its short form to be placed on the side of the plastic shell holding it, which is therefore displayed in the user manual.		
(h) The modular transmitter complies with all applicable FCC rules. Instructions for maintaining compliance are given in the user instructions.	x	

If you have any questions, please feel free to contact us at the address shown below.

Best regards,


 Sivantos GmbH
 23. Aug. 2019
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 VP Platform Development

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