



IKEA of Sweden AB

RE FCC ID: FHO-ICC-1

To the certification reviewer:

We are hereby applying for *limited* modular approval of the above-referenced FCC ID, based on compliance with *most* of the criteria as detailed below (*all except viii*).

Sincerely,



Printed name: Ulf Axelsson

July 6, 2016

Title: Component Development Engineer

Part 15 Unlicensed Single Modular Transmitter Approval Justification per 15.212

Requirement per 15.212	reference
(i) The radio elements of the modular transmitter must have their own RF shielding.	Yes. The module have a shield can.
(ii) The modular transmitter must have buffered modulation/data inputs (if such inputs are provided).	Yes. All data inputs have buffered inputs.
(iii) The modular transmitter must have its own power supply regulation.	Yes. The module will only be under two conditions; 1. With an external DCDC source at 3.25-3.35V 2. Coin cell battery 1.65-3.1V
(iv) The modular transmitter must comply with the antenna and transmission system requirements of §§ 15.203, 15.204(b) and 15.204(c).	Yes. The module is incorporating a pcb antenna as the only antenna option.
(v) The modular transmitter must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing for compliance with Part 15 parameters.	Yes. The module was tested standalone.



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<p>(vi) The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number. If the FCC ID is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module.</p>	<p>Yes. The FCC ID will be printed or labeled on every product using the module.</p>
<p>(vii) 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.</p>	<p>Yes. The module is compliant with all applicable FCC rules. If the RF module is sold stand alone to any manufacturer outside IKEA business or to end users, then a detailed instructions for remaining compliance will be given in the User Manual or equal.</p>
<p>(viii) The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.</p>	<p>No. The module complies with RF exposure requirements as "portable limb-worn" device and as "mobile" device with a separation distance equal to or more than 20cm between product and users body in normal operation. The module must only be installed in portable limb-worn devices (not body worn) or in mobile devices with a separation distance equal to or more than 20 cm from users body under normal operations. The module will always be installed in IKEA products, controlled by IKEA. The module documentation includes the above information.</p>