



May 29, 2018

**RE FCC ID: QHQ 20-10494**

**To the certification reviewer:**

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

Sincerely,

Mari Kaada

Corporate Regulatory Affairs Manager

Laerdal Medical AS

**Part 15 Unlicensed Single Modular Transmitter Approval Justification per 15.212**

<b>Requirement per 15.212</b>	<b>reference</b>
(i) The radio elements of the modular transmitter must have their own RF shielding.	Shielding is provided by a ground plane on the printed wiring board.
(ii) The modular transmitter must have buffered modulation/data inputs (if such inputs are provided).	All modulation and data inputs are buffered by circuitry on the transmitter chip.
(iii) The modular transmitter must have its own power supply regulation.	Power supply regulation is provided in two regulator steps. First a 3.3 V regulator on the module circuit board, then by internal circuitry on the transmitter chip.
(iv) The modular transmitter must comply with the antenna and transmission system requirements of §§ 15.203, 15.204(b) and 15.204(c).	The antenna is permanently attached.
(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.	Testing was performed with the module extended outside of the host.



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(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.	A sample of the host label is provided as an exhibit, showing the FCC identifier of the module.
(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>The module complies fully with the operating requirements of 47 CFR Part 15 as demonstrated in the test report exhibit. Example of host device User Guide and Important Product Information documents are provided as exhibits.</p> <p>These requirements will be fulfilled each time the module is used in a host device, as described in 00054577 Resusci Main Board Radio Module Installation Instructions (attached).</p>
(viii) The modular transmitter must comply with any applicable RF exposure requirements in its final configuration.	This module will always be installed in accordance with the installation instructions described in section (vii).

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