neo.cortec
Nannasgade 28, 2. Sal
2200 Copenhagen N
Denmark

FCC Modular Approval Request

Number: **CF305**
Version: **V03**
Date: 01-08-2011

To the FCC or FCC TCB handling this application

Hereby we,

Company name (grantee)	NEOCORTEC A/S
Addresss	Nannasgade 28, 2. sal
City / ZIP / State / Country	2200 Copenhagen N. Denmark.

request **modular approval** for the certification of our equipment within this application, identified by:

FCC ID:	**2AB76 NC2400C1**

The table below contains the justification for modular approval of this equipment:

Requirement	**Explanation from grantee** (do not write yes / no, but explain why it complies / how it is achieved)
1. The modular transmitter must have its own RF shielding.	All components, except output connector, are placed inside a metal shield.
2. The modular transmitter must have buffered modulation/data inputs (if such inputs are provided) to ensure that the module will comply with Part 15 requirements under conditions of excessive data rates or over-modulation.	Inputs are buffered i.e. module is controlled through serial busses and then controlled by internal SW.
3. The modular transmitter must have its own power supply regulation.	Radio transmitter/receiver is supplied from VDD through a local 1.8V supply contained in CPU/radio device.
4. The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(c). The antenna must either be permanently attached or employ a "unique" antenna coupler (at all connections between the module and the antenna, including the cable).	The module has a 50Ω output with an U.fl. connector. This is driven from radio through a balun.
5. The modular transmitter must be tested in a stand-alone configuration, i.e., the module must not be inside another device during testing. This is intended to demonstrate that the module is capable of complying with Part 15 emission limits regardless of the device into which it is eventually installed.	The module is tested on a carrierboard without any shielding.
6. The modular transmitter must be labeled with its own FCC ID number, and, 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. This exterior label can use wording such as the following: "Contains Transmitter Module FCC ID: XYZMODEL1" or "Contains FCC ID: XYZMODEL1." Any similar wording that expresses the same meaning may be used. The Grantee may either provide such a label, an example of which must be included in the application for equipment authorization, or, must provide adequate instructions along with the module which explain this requirement. In the latter case, a copy of these instructions must be included in the application for equipment authorization.	FCC ID is written on PCB rear side. This side is not visible when mounted in final product. Hence a label must be present on outside of final product. This will be indicated in user guide.
7. The modular transmitter must comply with any specific rule or operating requirements applicable to the 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. For example, there are very strict operational and timing requirements that must be met before a transmitter is authorized for operation under Section 15.231. For instance, data transmission is prohibited, except for operation under Section 15.231(e), in which case there are separate field strength level and timing requirements. Compliance with these requirements must be assured.	All radio activity is controlled by neo.cortec protocol. The end user do not have access to change the fundamental, and authorized, radio function.
8. The modular transmitter must comply with any applicable RF exposure requirements. For example, FCC Rules in Sections 2.1091, 2.1093 and specific Sections of Part 15, including 15.319(i), 15.407(f), 15.253(f) and 15.255(g), require that Unlicensed PCS, UNII and millimeter wave devices perform routine environmental evaluation for RF Exposure to demonstrate compliance. In addition, spread spectrum transmitters operating under Section 15.247 are required to address RF Exposure compliance in accordance with Section 15.247(b)(4). Modular transmitters approved under other Sections of Part 15, when necessary, may also need to address certain RF Exposure concerns, typically by providing specific installation and operating instructions for users, installers and other interested parties to ensure compliance.	The module is sold to and installed by an OEM. Guidelines for installation is outlined in user guide for the module.

Attestation (by grantee)

City and Country:	**Date:**	**Name:**	**Function:**	**Signature:** (or official company stamp)
Copenhagen, Denmark	2016-01-29	Thomas Steen Halkier	CEO