Gemalto M2M GmbH • Siemensdamm 50 • 13629 Berlin • Germany

Federal Communication Commission
Equipment Authorization Division, Application Processing Branch
7435 Oakland Mills Road
Columbia, MD 21048
USA

Name Axel Heike
Department Systemtest - Certifications

Phone +49 30 31102-8146
Fax +49 30 31102-8305
E-Mail Axel.Heike@gemalto.com

Your letter of
Our reference
Date 12 December 2018

Modular Approval Statement

FCC Certification Number: **QIPALAS66A-W**

KDB 996369 D01 & 47 CFR 15.212 - Modular Transmitters				
Request for Modular Approval		**X**	**Request for Limited Modular Approval**	
	Requirements		EUT Conditions	Comply (Y/N)
Single Modular Approval Requirements				
1	The radio elements of the modular transmitter must have their own shielding. The physical crystal and tuning capacitors may be located external to the shielded radio elements.		The modular transmitter has its own RF shielding. Please refer to external photos.	Y
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.		The module has buffered modulation/data inputs to ensure that the device will comply with Part 15 requirements with any type of input signal.	Y
3	The modular transmitter must have its own power supply regulation.		The modular transmitter has its own power supply regulation. Please refer to PMD9635 in Schematic.	Y
4	The modular transmitter must comply with the antenna requirements of Section 15.203 and 15.204(b)(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 requirements of antenna connector and spurious emissions have been fulfilled. Please refer to Test Report.	Y

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 modular transmitter is tested in a stand-alone configuration. Please refer to Setup Photo.	Y
6	The modular transmitter must be equipped with either a permanently affixed label or must be capable of electronically displaying its FCC identification number in accordance with 15.212 (a)(1)(vi)(A) / (B).	The modular transmitter is labelled with its own FCC ID. Labelling instructions for host devices are stated in the user manual under chapter "Compliance with FCC and IC Rules and Regulations"	Y
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.	The modular transmitter complies with any specific rules or operating requirements. Instructions are provided in the user manual.	Y
8	The modular transmitter must comply with any applicable RF exposure requirements. For example, FCC Rules in Sections 1.1310, 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. Modular	The modular transmitter complies with RF exposure requirements. Please refer to MPE calculation for the exposure information.	Y

	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.		

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

Sincerely,

Axel Heike
Certification Manager

Lars Wehmeier
Head of System Test