

# Equality Letter

For cellular module

Cinterion® **PLAS9-X**

GSM/GPRS/UMTS/HSPA+/LTE Data Only Module

FCC ID: QIPPLAS9-X

IC: 7830A-PLAS9X

Report Reference: MDE\_GEMALTO\_1711\_EL\_01

Date: 2017-11-16

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## **0 Administrative Data**

### **Applicant Data**

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|                |                                           |
|----------------|-------------------------------------------|
| Company name   | Gemalto M2M GmbH                          |
| Address        | Siemensdamm 50<br>13629 Berlin<br>Germany |
| Contact person | Mr. Leandro Wan-Dall<br>Manager Approval  |

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### **Testing Laboratory**

|                                      |                                            |
|--------------------------------------|--------------------------------------------|
| Company name                         | 7layers GmbH                               |
| Address                              | Borsigstr. 11<br>40880 Ratingen<br>Germany |
| DAkKS ISO/IEC 17025 accreditation    | D-PL-12140-01-00                           |
| FCC Test Site Listing                | 96716                                      |
| Industry Canada Test Site Acceptance | 3699A                                      |

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### **Project Data and Signature**

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|-----------------|------------------|
| Project Name    | MDE_GEMALTO_1711 |
| Assessment Date | 2017-11-16       |



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Andreas Tübel  
(Project Manager)

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## Revision History

| Report version control |              |                 |                  |
|------------------------|--------------|-----------------|------------------|
| Version                | Release date | Changes         | Version validity |
| initial                | 2017-11-16   | Initial version | valid            |
|                        |              |                 |                  |

## **1 Introduction**

The purpose of this documents is to show equality and differences of the mentioned products in regard to the market access requirements defined by FCC and ISSED. The result is documented in this document.

We herewith state/confirm that all compliance test was successfully performed on reference device ALAS6A-US, FCC certification number: QIPALAS6A-US granted on 10/05/2016 under applicable rules FCC Part 22, Subpart H, Part 24, Subpart E and Part 27, Subpart C and IC company number: 7830A-ALAS6AUS granted on 10/10/2016 under RSS-132, RSS133, RSS139 and RSS130.

The applicant takes full responsibility that the test data as referenced per section 4. below represents compliance for the new FCC ID and IC certification.

7layers has performed and/or organized the testing, re-testing and calculations necessary to show compliance of the product:

Cinterion® **PLAS9-X** herewith classified as a variant of the base model ALAS6A-US.

During the assessment process, all available documentation has been reviewed.

Details related to the compliance of this module(s) are covered by report(s):

(MDE\_GEMALTO\_1605\_FCCa) 2016-08-12  
(MDE\_GEMALTO\_1605\_FCC\_setups) 2016-09-07  
(MDE\_GEMALTO\_1605\_FCCb\_rev1) 2016-10-04  
(MDE\_GEMALTO\_1605\_MPEb\_rev1) 2016-09-26

## 2 Differences

No changes in design, circuitry or construction.

LTE band eFDD13 is enabled by SW.

## 3 Spot check verification data

Part 22.1 and part 22.4 for eFDD5 as well as part 24.1 and part 24.4 for eFDD2 was spot checked.

Details to be found at corresponding test report MDE\_GEMALTO\_1711\_FCCa\_rev1

## 4 Reference Section

Supported frequencies

|            | ALAS6A-US:<br>FCC ID: QIPALAS6A-US,<br>IC: 7830A-ALAS6AUS                                                                                                                                                                               | PLAS9-X:<br>FCC ID: QIPPLAS9-X,<br>IC: 7830A-PLAS9X                                                                                                                                                                                     |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Identical  | 824.2 MHz - 848.8 MHz<br>826.4 MHz - 846.6 MHz<br>824.7 MHz – 848.3 MHz<br>1850.2 MHz – 1909.8 MHz<br>1852.4 MHz – 1907.6 MHz<br>1850.7 MHz – 1909.3 MHz<br>1712.4 MHz – 1752.6 MHz<br>1710.7 MHz – 1754.3 MHz<br>699.7 MHz – 715.3 MHz | 824.2 MHz - 848.8 MHz<br>826.4 MHz - 846.6 MHz<br>824.7 MHz – 848.3 MHz<br>1850.2 MHz – 1909.8 MHz<br>1852.4 MHz – 1907.6 MHz<br>1850.7 MHz – 1909.3 MHz<br>1712.4 MHz – 1752.6 MHz<br>1710.7 MHz – 1754.3 MHz<br>699.7 MHz – 715.3 MHz |
| Variations | -                                                                                                                                                                                                                                       | 779.5 MHz – 784.5 MHz                                                                                                                                                                                                                   |