



Certification Body : **PayCert**  
48 Rue Montmartre  
75002 Paris  
France

Paris, May 15<sup>th</sup>, 2024

**XH Smart Tech (China) Co., Ltd.**  
Building A No.78 Fulin Road,  
Zhuhai, Guangdong 519030  
CHINA

***PURE Certification Letter – ICC Product***

**Certified ICC:**

Certificate Number: **XHS.CAR.153h.2023-042**  
Marketing Name: XH Mirach Gamma 4.1 V1.0  
Technical Name & Version: XH Mirach Gamma 4.1 v1.0

PURE Specification Reference: PURE Specifications for Issuers and Acquirers - Dual-Interface cards Version 1.5.3.h  
PURE ICC Test Plan: v2.5

**Characteristics:**

Product type: DI  
Contact protocol: T=0  
Contactless protocol: TypeA  
Chip: Tongxin Microelectronics Co, Ltd - THD89-F350A Rev.1.0  
Antenna reference: J046-1 (Half antenna)

Dear Customer,

PayCert has received a request, submitted by XH Smart Tech (China) Co., Ltd., your company, for the Certification of the ICC product XH Mirach Gamma 4.1 v1.0, hereafter referred to as the Product and identified above as XH Mirach Gamma 4.1 V1.0.

In connection with your request, we have received your Implementation Conformance Statement (ICS), referred to as XHS.CAR.153h.2023-042C validated 2024/04/30 and we have assessed your Test Report (ref. C23REP01-786 dated 2024/03/29), which was generated by FIME EMEA, following the *PURE DI Contact interface Test Specification v2.5*, *PURE DI Contactless interface Test Specification v2.5*.

After assessing such file in the Certification Evaluation Report (ref. PURE/EVR/CAR/2024-079 v1.0.0), PayCert has found reasonable evidence that the submitted samples of the Product complies to the *PURE Specifications for Issuers and Acquirers - Dual-Interface cards Version 1.5.3.h*, hereafter referred to as the "Reference Specification".



PayCert hereby grants the Product Certification of compliance with the requirements stated by the Reference Specification, and will include your Product in the certified products list, published on PURE Certification website ([www.pure-payments.com](http://www.pure-payments.com)).

Please note that PayCert's Certification is subject to the following terms and conditions as listed hereafter:

i) If the Product is changed, XH Smart Tech (China) Co., Ltd. must notify PayCert of this fact in writing. Any change in the Product that may generate a different behaviour with respect to the Reference Specification or a difference in the Product Implementation Conformance Statement will be considered a major modification subject to a new evaluation in order to maintain the present Certification.

ii) The Present Certification granted to XH Smart Tech (China) Co., Ltd. for the above referenced Product is non-transferable to any other vendor.

iii) Under no circumstances does this certification letter include or imply any product or service warranties from PayCert, including without limitation, any implied warranties of merchantability, fitness for purpose, or non-infringement, all of which are expressly disclaimed by PayCert.

iv) The Present Certification is issued on the basis of evidences, valid at the time of their issuance, of the product security and level 1 compliance from reputable sources but is not in itself an assessment of the presented evidences. It is the responsibility of the certificate's user to make sure the results of the level 1 and security assessments referenced hereafter are still valid and acceptable at the time of the product's approval or issuance.

Level 1 Approval Number	CT: EMVCo CCD LoA, XSTC0456v1 dated 2024/04/18, CL: BCTC Test Report, CVCL234LC1TP v1.0 dated 2023/11/08
Security Certification Letter	EMVCo Approval Letter Ref: XSTC0456v1

The Certification Body has the right to terminate or revoke the Certification should any of the aforementioned terms and conditions be not respected.

Name: Laurence MASSON

Title: Chief Operating Officer