

Date: August 26, 2019



Saul Gorin

Thumbzup UK Limited
Suite 105 Viglen House
Alperton Lane
London HA0 1HD
UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

Re: EMVCo Letter of Approval – Contactless Terminal Level 1

Approval Number: **16607 0819 260 26b 26b TUVP**

PCD Identification: **tCR2.1** Version: **P5.1.1**

Hardware: **tCR2.1 Main PCB** Version: **V2.0.2**

Software: **Alcineo_CL1** Version: **CL1_V2.6**

As tested in: **Payment Pebble tCR2.1 Version P5.1.1**

PCD/Terminal Configuration: **Samples are Fully Integrated Terminals (FIT)**

Analogue Test Cases: **2.6b** *Digital Test Cases:* **2.6b** *Interop Test Cases (Guideline):* **1.2.1**

Renewal Date: **August 22, 2023**

Dear Saul Gorin,

EMVCo, LLC ("EMVCo"), a Delaware limited liability company, has received your request for Level 1 terminal type approval for the proximity coupling device identified above. In connection with your request, we have reviewed your report, identified by file number 75943909-02 Version 01 which was generated by TÜV SÜD Product Service.

After assessing such file, EMVCo has found reasonable evidence that the submitted samples of the above referenced proximity coupling device sufficiently conform to Book D - EMV Contactless Communication Protocol Specification, Version 2.6 of March 2016.

EMVCo hereby (a) grants your proximity coupling device EMVCo Type Approval for Terminal Level 1, based on the requirements stated in the EMV 2.6 Specifications, and (b) agrees to include your proximity coupling device in EMVCo's approved proximity coupling device list.

EMVCo's grant to your proximity coupling device is subject to and specifically incorporates (i) the General Terms and Conditions to the Letter of Approval enclosed as Exhibit A, and (ii) the Specific Terms and Conditions to the Letter of Approval attached hereto as Attachment 1. Because EMVCo's grant is subject to such limitations, including certain events of termination, you and any third parties should confirm that such approval is current and has not been terminated by referring to the list of approved proximity coupling devices published on the EMVCo website (www.emvco.com).

Analog performance being evaluated using Contactless Symbol as reference for the center of the operational volume this LoA is contingent on the EMVCo Contactless Symbol being present and in the "correct" location.

The "correct" location being the Center of the operating volume as identified by the vendor for EMVCo Type Approval unless especially agreed by EMVCo.

This Letter of Approval is valid while the approval number is posted on the EMVCo website.

EMVCo, LLC, a Delaware limited liability company

By:

Name: Frédéric Fortin

Title: EMVCo Terminal Type Approval Chair

Attachment A
Specific Terms and Conditions to the Letter of Approval

Restrictions, if any:

Comments, if any: