



Test Report No:  
430929R-RFUSV17S-A

## RF EXPOSURE EVALUATION DECLARATION

Product Name	Mobile POS Terminal	
Brand Name	PARTNER	
Model No.	M10-3N	
FCC ID	NDPM103N	
Applicant's Name / Address	Partner Tech Corporation 10F, No. 233-1, Baoqiao Rd., Xindian Dist, New Taipei City, Taiwan	
Manufacturer's Name	Partner Tech Corporation	
Test Method Requested, Standard	KDB 447498 D01 v06	<input type="checkbox"/> Minimum test separation distance $\geq 20$ cm <input checked="" type="checkbox"/> For low power devices
Verdict Summary	IN COMPLIANCE	
Documented By Ida Tung	<i>Ida Tung</i>	
Tested by Alan Chen	<i>Alan Chen</i>	
Approved by Tim Sung	<i>Tim Sung</i>	
Date of Receipt	2024/03/29	
Date of Issue	2024/06/25	
Report Version	V1.0	

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## INDEX

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	page
Competences and Guarantees.....	3
General Conditions.....	3
Revision History.....	4
1. General Information.....	5
1.1. EUT Description.....	5
1.2. Testing Location Information.....	5
2. RF Exposure Evaluation.....	6
2.1. Standard Applicable.....	6
2.2. Test Result of RF Exposure Evaluation.....	6

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## Competences and Guarantees

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DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

**IMPORTANT:** No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA.

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## General Conditions

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1. The test results relate only to the samples tested.
2. The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.
3. This report must not be used to claim product endorsement by TAF or any agency of the government.
4. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification Co., Ltd.
5. Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

## Revision History

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Version	Description	Issued Date
V1.0	Initial issue of report	2024/06/25

## 1. General Information

### 1.1. EUT Description

Product Name	Mobile POS Terminal
Brand Name	PARTNER
Model No.	M10-3N

Note: For more detailed information please refer to report No.: 2430929R-RFUSV07S-A.

### 1.2. Testing Location Information

USA	FCC Registration Number: TW0033
Canada	CAB Identifier Number: TW3023 / Company Number: 26930

Site Description	Accredited by TAF
	Accredited Number: 3023

Test Laboratory	DEKRA Testing and Certification Co., Ltd.
	Linkou Laboratory
Address	No. 5-22, Ruishukeng Linkou District, New Taipei City, 24451, Taiwan, R.O.C.
Performed Location	No. 26, Huaya 1st Rd., Guishan Dist., Taoyuan City 333411, Taiwan, R.O.C.
Phone Number	+886-3-275-7255
Fax Number	+886-3-327-8031

## 2. RF Exposure Evaluation

### 2.1. Standard Applicable

According to 1.1307 (b)(1), systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline.

### 2.2. Test Result of RF Exposure Evaluation

According to KDB Publication 447498 D01, section 4.3.1

1.) Operation frequency = 13.56 MHz and antenna separation distance  $\leq 50$  mm, the test exclusion thresholds are determined by the following steps a) to d):

a) For frequencies 100 MHz and test separation distances  $\leq 50$  mm,  **$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}] \leq 3.0$  for 1-g SAR.**

b) For frequencies 100 MHz and test separation distances  $> 50$  mm,  **$\{[\text{Power allowed at numeric threshold for 50 mm in step a)}] + [(\text{test separation distance} - 50 \text{ mm}) \cdot (f(\text{MHz})/150)]\}$  mW.**

c) For frequencies below 100 MHz and test separation distances  $> 50$ , **Step b Multiplied by  $[1 + \log(100/f(\text{MHz}))]$ .**

d) For frequencies below 100 MHz and test separation distances  $\leq 50$  mm, **Step c Multiplied by  $\frac{1}{2}$ .**

SAR Test Exclusion Threshold = 442 mW.

Frequency Band (MHz)	Output power			SAR Test Exclusion Threshold (mW)
	Field strength (dBuV/m)	E.I.R.P (dBm)	E.I.R.P (mW)	
13.56	62.87	-26.330	0.0023	442

Note

1. No RF Exposure evaluation required since maximum Transmitter Pout is below exclusion threshold.
2. The SAR/MPE measurement is not necessary.
3. The maximum output power is refer to report No.: 2430929R-RFUSV07S-A from the DEKRA.