

Maximum Permissible Exposure Report

Product : Schneider Charge Pro AC

Model Name : PROAC80USJ3400EVC

Series Model : PROAC48USJ3400EVC, PROAC80USJ1772EVC2,
PROAC48USJ1772EVC2

FCC ID : 2AODL-PROAC8048US

Test Regulation : 47 CFR FCC Part 2.1091

Received Date : 2026/2/13

Test Date : 2026/2/26 ~ 2026/3/4

Issued Date : 2026/6/1

Applicant : Schneider Electric USA, Inc.
201 Washington Street, One Boston Place, Suite 2700, Boston,
MA 02108 USA

Issued By : Underwriters Laboratories Taiwan Co., Ltd.
Building A, B and E, No. 372-7, Sec. 4, Zhongxing Rd.,
Zhudong Township, Hsinchu County, Taiwan



The results reported herein have been performed in accordance with the laboratory's terms of accreditation. This report shall not be reproduced except in full without the written approval of the Laboratory. The results in this report are responsible of the test sample(s) provided by the client only and are not to be used to indicate applicability to other similar products.

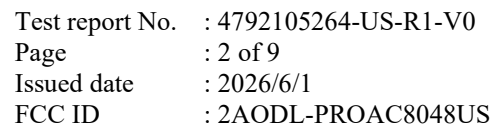
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Doc No: Form-ULID-004725 (DCS:17-EM-F0864) / 7.0



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1. Attestation of Test Results

APPLICANT: Schneider Electric USA, Inc.
201 Washington Street, One Boston Place, Suite 2700, Boston, MA
02108 USA

MANUFACTURER: Schneider Electric USA, Inc.
201 Washington Street, One Boston Place, Suite 2700, Boston, MA
02108 USA

EUT DESCRIPTION: Schneider Charge Pro AC

BRAND: Schneider Electric

MODEL: PROAC80USJ3400EVC

SERIES MODEL: PROAC48USJ3400EVC, PROAC80USJ1772EVC2,
PROAC48USJ1772EVC2

SAMPLE STAGE: Manufacturing Sample

APPLICABLE STANDARDS	
STANDARD	Test Results
47 CFR FCC Part 2.1091	PASS

Underwriters Laboratories Taiwan Co., Ltd. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by Underwriters Laboratories Taiwan Co., Ltd. based on interpretations and/or observations of test results. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Note: The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. This document may not be altered or revised in any way unless done so by Underwriters Laboratories Taiwan Co., Ltd. and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by Underwriters Laboratories Taiwan Co., Ltd. will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, any agency of the Federal Government, or any agency of any government.

Prepared By:



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Project Handler

Date : 2026/6/1

Approved and Authorized By:



Eric Lee
Senior Laboratory Engineer

Date : 2026/6/1

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2. Test Methodology and Reference Procedures

The tests documented in this report were performed in accordance with KDB 447498 D01 General RF Exposure Guidance v06.

3. Facilities and Accreditation

Test Location	Underwriters Laboratories Taiwan Co., Ltd.
Address	Building A, B and E, No. 372-7, Sec. 4, Zhongxing Rd., Zhudong Township, Hsinchu County, Taiwan
Accreditation Certificate	Underwriters Laboratories Taiwan Co., Ltd. is accredited by TAF, Laboratory Code 3398.

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4. Equipment Under Test

4.1. Description of EUT

Product	Schneider Charge Pro AC
Brand Name	Schneider Electric
Model Name	PROAC80USJ3400EVC
Series Model	PROAC48USJ3400EVC, PROAC80USJ1772EVC2, PROAC48USJ1772EVC2
Normal Voltage	208/240Vac
Sample ID	9440492

Note:

1. Device Support NFC function and contains WIFI module and LTE module.
 - LTE Module: Brand: Telit / Model: LE910C1-WWXD / FCC ID: RI7LE910CXWWX
 - WiFi Module: Brand: SILICON LABS / Model: WFM200SA / FCC ID: QOQWFM200
2. For this report measurement uncertainty, statement of conformity, determining compliance, it is necessary to refer to the original measurement report of EUT.
3. The above EUT information is declared by manufacturer and for more detailed features description, please refer to the manufacturer's or user's manual, the laboratory shall not be held responsible.

4.2. Description of Available Antennas

Ant. No.	Transmitter Circuit	Frequency Range	Brand Name	Model Name	Maximum Gain (dBi)	Ant. Type	Connector Type
1	Chain0	13.56 MHz	Schneider Electric	SE-HMI-NFC	0	PCB	N/A

Note: The above antenna information was provided from customer and for more detailed features description, please refer the manufacturer's specification or user's manual, the laboratory shall not be held responsible.

5. Requirement

Limits for General Population/Uncontrolled Exposure

Limits for General Population/Uncontrolled Exposure				
Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-1.34	614	1.63	*100	30
1.34-30	824/f	2.19/f	*180/f ²	30
30-300	27.5	0.073	0.2	30
300-1500	--	--	f/1500	30
1500-100,000	--	--	1.0	30
Note 1: f = frequency in MHz, * means Plane-wave equivalent power density				
Note 2: General population/uncontrolled exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.				

Power Density (S) is calculated by the following formula:

$$S = (P \cdot G) / 4\pi R^2$$

where: S = power density (in appropriate units, e.g. mW/ cm²)

P = power input to the antenna (in appropriate units, e.g., mW)

G = power gain of the antenna in the direction of interest relative to an isotropic radiator R = distance to the center of radiation of the antenna (appropriate units, e.g., cm)

6. Radio Frequency Radiation Exposure Evaluation

(1) General RF Exposure Test Exemption

NFC

Evaluation Frequency	Max. EIRP	Max. EIRP	Power density @ 20 cm	Limit
(MHz)	(dBm)	(mW)	(mW/cm ²)	(mW/cm ²)
13.56	-34.86	0.00033	0.000000066	0.98

Note:

- The field strength value for 13.56MHz is sourced from Report No. 4792105264-US-R0-V0
- Max. EIRP (dBm) = Max. Field Strength (dBuV/m) + 40log(Distance) - 104.7 dB

LTE Module (Worst Condition)

Evaluation Frequency	Max. Average power	Antenna Gain	Max. EIRP	Max. EIRP	Power density @ 20 cm	Limit
(MHz)	(dBm)	(dBi)	(dBm)	(mW)	(mW/cm ²)	(mW/cm ²)
824.2 ~ 848.8	27.50	1.531	29.03	800.018	0.15916	0.55

WIFI Module (Worst Condition)

Evaluation Frequency	Max. Average power	Antenna Gain	Max. EIRP	Max. EIRP	Power density @ 20 cm	Limit
(MHz)	(dBm)	(dBi)	(dBm)	(mW)	(mW/cm ²)	(mW/cm ²)
2412 ~ 2462	16.40	4.70	21.10	128.825	0.02563	1.00

Conclusion:

Both of the NFC, LTE, and WIFI can transmit simultaneously, the formula of calculated the MPE is:

$CPD1 / LPD1 + CPD2 / LPD2 + \dots \text{etc.} < 1$

CPD = Calculation power density

LPD = Limit of power density

NFC + LTE + WIFI

Situation is $(0.000000066 / 0.98) + (0.15916 / 0.55) + (0.02563 / 1) = 0.31530$

Therefore the maximum calculations of above situations are less than the "1" limit.

According to 47 CFR §2.1091, the RF exposure analysis concludes that the RF Exposure is FCC compliant.

END OF REPORT

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