



FCC RF EXPOSURE
CERTIFICATION TEST REPORT

For

PADDOCKDUO

MODEL NUMBER: 0010031

REPORT NUMBER: 4791630767-2-4-RF-2

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Prepared for

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Prepared by

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Revision History

Rev.	Issue Date	Revisions	Revised By
V0	June 6, 2025	Initial Issue	

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1. ATTESTATION OF TEST RESULTS

Applicant Information

Company Name: Hermès Sellier
Address: 24 Rue du Faubourg Saint-Honorè, PARIS, 75008 France

Manufacturer Information

Company Name: Hermès Sellier
Address: 24 Rue du Faubourg Saint-Honorè, PARIS, 75008 France

EUT Information

EUT Name: PADDOCKDUO
Model: 0010031
Brand: Hermès Paris
Sample Received Date: March 20, 2025
Sample Status: Normal
Sample ID: 8197354-2
Date of Tested: March 21, 2025, 2024 to May 30, 2025

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC 47CFR§1.1307	PASS
FCC 47CFR§1.1310	PASS
FCC 47CFR§2.1093	PASS
FCC 47CFR§2.1091	PASS

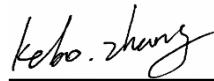
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2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with FCC 47CFR§1.1307(b)(1), FCC 47CFR§1.1310, FCC 47CFR§2.1093, KDB 680106 D01 Wireless Power Transfer v04.

3. FACILITIES AND ACCREDITATION

Accreditation Certificate	<p>A2LA (Certificate No.: 4102.01) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been assessed and proved to be in compliance with A2LA.</p> <p>FCC (FCC Designation No.: CN1187) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. Has been recognized to perform compliance testing on equipment subject to the Commission's Delcaration of Conformity (DoC) and Certification rules</p> <p>ISED (Company No.: 21320) UL Verification Services (Guangzhou) Co., Ltd. Song Shan Lake Branch. has been registered and fully described in a report filed with ISED. The Company Number is 21320 and the test lab Conformity Assessment Body Identifier (CABID) is CN0046.</p>
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Note: All tests measurement facilities use to collect the measurement data are located at Room 101, Building 2, No.4, Information Road, Songshan Lake, Dongguan, Guangdong, China

4. DESCRIPTION OF EUT

EUT Name	PADDOCKDUO	
Model	0010031	
Product Description	Operation Frequency	127.7kHz, 326.6kHz, 360kHz and 1.778MHz
Rated Output Power	Output: Coil 1:15W Max Coil 2: 5W Max	
Antenna type	Coil	
ADAPTER Ratings	20W ADAPTER Input: 100-240V~, 50/60Hz, 0.5A Output: 5.0Vdc, 3.0A, 9.0Vdc, 2.22A	
	30W ADAPTER Input: 100-240V~, 50/60Hz, 0.75A Output: 5.0Vdc, 3.0A, 9.0Vdc, 3.0A, 15Vdc, 2.0A, 20Vdc, 1.5A	
	EUT Ratings Input: 2.22A to 3A Output: Coil 1:15W Max Coil 2: 5W Max	

Note: All the rating has been tested, but only the worst data was recorded in the report.

5. TEST MODE

Test Mode	Description
M01	Charging with 30 W (1% battery status of AirPods Pro2 at section A) 127.7 kHz
M02	Charging with 30 W (1% battery status of iPhone 16e) 127.7 kHz
M03	Charging with 30 W (1% battery status of iPhone 16) 360 kHz
M04	Charging with 30 W (1% battery status of iWatch SE) 326.6 kHz
M05	Charging with 30 W (1% battery status of iWatch Series 10) 1.778 MHz
M06	Charging with 30 W (1% battery status of AirPods Pro2 at section B) 326.6 kHz
M07	Charging with 30 W (50% battery status of AirPods Pro2 at section A)
M08	Charging with 30 W (50% battery status of iPhone 16e)
M09	Charging with 30 W (50% battery status of iPhone 16)
M10	Charging with 30 W (50% battery status of iWatch SE)
M11	Charging with 30 W (50% battery status of iWatch Series 10)
M12	Charging with 30 W (50% battery status of AirPods Pro2 at section B)
M13	Charging with 30 W (99% battery status of AirPods Pro2 at section A)
M14	Charging with 30 W (99% battery status of iPhone 16e)
M15	Charging with 30 W (99% battery status of iPhone 16)
M16	Charging with 30 W (99% battery status of iWatch SE)
M17	Charging with 30 W (99% battery status of iWatch Series 10)

M18	Charging with 30 W (99% battery status of AirPods Pro2 at section B)
M19	Charging with 20 W (1% battery status of AirPods Pro2 at section A)
M20	Charging with 20 W (1% battery status of iPhone 16e)
M21	Charging with 20 W (1% battery status of iPhone 16)
M22	Charging with 20 W (1% battery status of iWatch SE)
M23	Charging with 20 W (1% battery status of iWatch Series 10)
M24	Charging with 20 W (1% battery status of AirPods Pro2 at section B)
M25	Charging with 20 W (50% battery status of AirPods Pro2 at section A)
M26	Charging with 20 W (50% battery status of iPhone 16e)
M27	Charging with 20 W (50% battery status of iPhone 16)
M28	Charging with 20 W (50% battery status of iWatch SE)
M29	Charging with 20 W (50% battery status of iWatch Series 10)
M30	Charging with 20 W (50% battery status of AirPods Pro2 at section B)
M31	Charging with 20 W (99% battery status of AirPods Pro2 at section A)
M32	Charging with 20 W (99% battery status of iPhone 16e)
M33	Charging with 20 W (99% battery status of iPhone 16)
M34	Charging with 20 W (99% battery status of iWatch SE)
M35	Charging with 20 W (99% battery status of iWatch Series 10)
M36	Charging with 20 W (99% battery status of AirPods Pro2 at section B)
M37	Worst adapter and worst peripheral at section A + Worst adapter and worst peripheral at section B
M38	Standby with 20 W adapter (326KHz)
M39	Standby with 30 W adapter (326KHz)

Note: All the modes had been tested, but only the worst data of all charging frequencies was recorded in the report.

REQUIREMENT

LIMIT

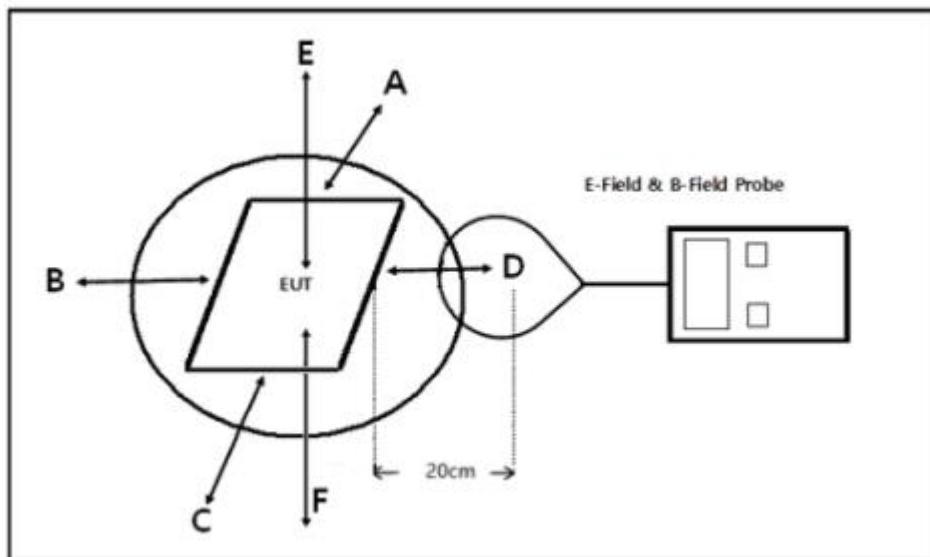
Frequency Range (MHz)	E-field Strength (E) (V/m)	Magnetic Field Strength (H) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (Minutes)
0.3 -- 1.34	614	1.63	(100)*	30
1.34 -- 30	824/f	2.19/f	(180/f ²)*	30
30 -- 300	27.5	0.073	0.2	30
300 -- 1500	--	--	f/1500	30
1500 -- 100,000	--	--	1.0	30

* = Plane-wave equivalent power density

METHOD OF MEASUREMENT

- The RF exposure test was performed in shielded chamber.
- The geometric centre of probe was placed at 20 cm test distance surrounding the device.
- The measurement probe used to search of highest strength.
- The highest emission level was recorded and compared with limit as soon as measurement of each points (A, B, C, D, E) were completed.
- The EUT were measured according to the dictates of KDB 680106 D01 Wireless Power Transfer v04.

BLOCK DIAGRAM OF TEST SETUP



EQUIPMENT APPROVAL CONSIDERATIONS

The EUT comply with KDB680106 D01 Wireless Power Transfer v04.

1) Power transfer frequency is less than 1 MHz.

No; the device operated at 127.7kHz, 326.6kHz, 360kHz and 1.778MHz.

2) The output power from each transmitting element (e.g., coil) is less than or equal to 15 watts.

Yes; the maximum output power of coil A and coil B is 15 watts and 5 watts respectively.

3) A client device providing the maximum permitted load is placed in physical contact with the transmitter (i.e., the surfaces of the transmitter and client device enclosures need to be in physical contact).

Yes; Client device is placed directly in contact with the transmitter.

4) Only § 2.1091-Mobile exposure conditions apply (i.e., this provision does not cover § 2.1093-Portable exposure conditions).

Yes; The EUT is a mobile device.

5) The E-field and H-field strengths, at and beyond 20 cm surrounding the device surface, are demonstrated to be less than 50% of the applicable MPE limit, per KDB 447498, Table 1. These measurements shall be taken along the principal axes of the device, with one axis oriented along the direction of the estimated maximum field strength, and for three points per axis or until a 1/d (inverse distance from the emitter structure) field strength decay is observed. Symmetry considerations may be used for test reduction purposes. The device shall be operated in documented worst-case compliance scenarios (i.e., the ones that lead to the maximum field components), and while all the radiating structures (e.g., coils or antennas) that by design can simultaneously transmit are energized at their nominal maximum power.

Yes; The EUT's field strength levels are less than 50% of the MPE limit.

6) For systems with more than one radiating structure, the conditions specified in (5) must be met when the system is fully loaded (i.e., clients absorbing maximum power available), and with all the radiating structures operating at maximum power at the same time, as per design conditions. If the design allows one or more radiating structures to be powered at a higher level while other radiating structures are not powered, then those cases must be tested as well. For instance, a device may use three RF coils powered at 5 W, or one coil powered at 15 W: in this case, both scenarios shall be tested.

Yes; The EUT has a 15W coil and a 5W coil, standalone and simultaneous scenario were tested.

MEASURING INSTRUMENT USED

Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Due. Date
Electric and Magnetic Field Analyzer	Narda	EHP-200A	170WX90204	June 6, 2024	June 5, 2025

E FIELD AND H FIELD STRENGTH TEST RESULT

H-Filed strength at the geometric centre of probe was placed at 20 cm test distance surrounding the device.

Test Position	H-filed Strength Measure Result							Limits (A/m)
	M01	M02	M03	M04	M05	M06	M37	
A	0.0508	0.0427	0.0477	0.0435	0.0463	0.0362	0.0893	1.63
B	0.0416	0.0454	0.0435	0.0440	0.0444	0.0302	0.0824	
C	0.0489	0.0463	0.0508	0.0404	0.0423	0.0321	0.0836	
D	0.0474	0.0416	0.0466	0.0452	0.0482	0.0356	0.0845	
E	0.1010	0.0508	0.0512	0.0508	0.0490	0.0445	0.1237	
F	0.0677	0.0456	0.0474	0.0410	0.0472	0.0348	0.0879	
Margin Limit (%)	6.20	3.12	3.14	3.12	3.01	2.73	7.59	

E-Filed strength at the geometric centre of probe was placed at 20 cm test distance surrounding the device.

Test Position	E-filed Strength Measure Result							Limits (V/m)
	M01	M02	M03	M04	M05	M06	M37	
A	0.3887	0.3807	0.3730	0.3518	0.3606	0.2724	0.4553	614
B	0.3707	0.3735	0.3340	0.3175	0.3274	0.2683	0.4487	
C	0.3887	0.3624	0.3808	0.3470	0.3383	0.2829	0.4518	
D	0.3440	0.3578	0.3430	0.3340	0.3408	0.2870	0.4823	
E	0.3905	0.3833	0.3887	0.3898	0.3817	0.3195	0.5210	
F	0.3430	0.3321	0.3344	0.3518	0.3727	0.3023	0.4784	
Margin Limit (%)	0.06	0.06	0.06	0.06	0.06	0.05	0.08	

END OF REPORT