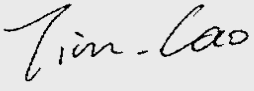
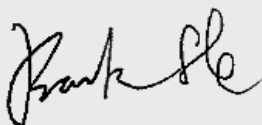




Test report No:

2610025R.702

FCC EXPOSURE TEST REPORT

Product Name	Wireless Device Charger
Trademark	BCS
Model and /or type reference	WDC
FCC ID	2AXPS-WDC
Applicant's name / address	BCS Automotive Interface Solutions (Suzhou) Co., Ltd No. 2052, Taidong Road Xiangcheng Economic Development District Suzhou, Jiangsu Province 215143 China
Test method requested, standard	FCC CFR Title 47 Part 1.1310
Verdict Summary	IN COMPLIANCE
Documented by (name / position & signature)	Tim Cao / Project Manager 
Approved by (name / position & signature)	Frank He / Technical Manager 
Date of issue	2026-01-17
Report Version	V1.0
Report template No	Template_FCC MPE-RF-V1.0

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COMPETENCES AND GUARANTEES

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.

GENERAL CONDITIONS

Test Location	No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China
Test Facility	A2LA (Certificate No. 3235.01) CNAS (Certificate No. L5313) FCC - Designation Number: CN1199 Test Firm Registration Number: 566524 ISED - CAB identifier: CN0040 IC#: 4075B
Date (receive sample)	Jan. 05, 2026
Date (start test)	Jan. 05, 2026
Date (finish test)	Jan. 09, 2026

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or Competent Authorities.
3. This document is only valid if complete; no partial reproduction can be made without previous written permission of DEKRA.
4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA.
5. The measurement result is considered in conformance with the requirement if it is within the prescribed limit, it is not necessary to account the uncertainty associated with the measurement result.



DOCUMENT HISTORY

Report No.	Version	Description	Issued Date
2510025R.702	V1.0	Initial issue of report.	2026-01-17

USED EQUIPMENT

H-field / AC6					
Instrument	Manufacturer	Type No.	Serial No.	Cal. Date	Cal. Due Date
Field Meter	WAVECONTROL	SMP2	20SN1286	2025.07.29	2026.07.28
E&H Field Probe	WAVECONTROL	WP400	20WP100630	2025.07.29	2026.07.28
E Field Probe	WAVECONTROL	WPF3	20WP030374	2025.07.29	2026.07.28
Temperature/Humidity Meter	RTS	RTS-8S	RF06	2025.06.17	2026.06.16
Note: All equipment are calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.					

UNCERTAINTY

Uncertainties have been calculated according to the DEKRA internal document. The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%. The Uncertainties is complice with standard required as below.

Test item	Uncertainty
Magnetic field measurements(3kHz~10MHz)	$\pm 13.2 \%$
Electric field measurements(3kHz~10MHz)	$\pm 15.4 \%$

1. General Information

Product Name	Wireless Device Charger
Model No.	WDC
Trademark	BCS
FCC ID	2AXPS-WDC
Manufacturer	BCS Automotive Interface Solutions (Suzhou) Co., Ltd
Manufacturer Address	No. 2052, Taidong Road Xiangcheng Economic Development District Suzhou, Jiangsu Province 215143 China
Power supply	DC: 13.5 Vdc
Wireless Specification	WPC
Operating Frequency Range	122.72~132.72kHz
Operating Frequency	127.7 kHz
Type of Modulation	ASK
Number of Channel	1
Antenna Type	Loop Antenna
Remark: As above information is provided and confirmed by the applicant. DEKRA is not liable to the accuracy, suitability, reliability or/and integrity of the information.	

1.2. Mode of Operation

DEKRA has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

Test Mode
Mode 1: Normal working

1.3. Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product	Manufacturer	Model No.	Serial No.	Power Cord
1 N/A	N/A	N/A	N/A	N/A

1.4. EUT Exercise Software

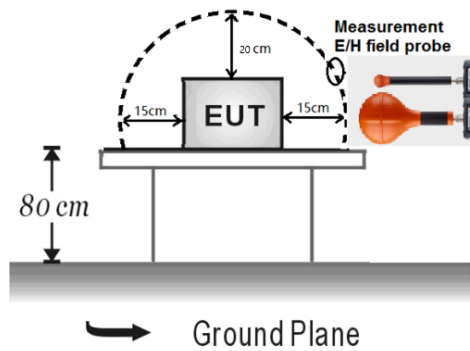
1	Turn on the power of equipment.
2	Start to continue transmit.

1.5. Test Environment

Items	Required (IEC 68-1)	Actual
Temperature (°C)	15-35	21
Humidity (%RH)	25-75	50
Barometric pressure (mbar)	860-1060	950-1000

2. Electric Field Strength / Magnetic Field Strength

2.1. Test Setup



2.2. Limit

According to KDB 680106 D01v03r01 Clause 3.c: For devices designed for typical desktop applications, such as wireless charging pads, RF exposure evaluation should be conducted assuming a user separation distance of 15 cm. E and H field strength measurements or numerical modeling may be used to demonstrate compliance. Measurements should be made from all sides and the top of the primary/client pair, with the 15 cm measured from the center of the probe(s) to the edge of the device. Emissions between 100 kHz to 300 kHz should be assessed versus the limits at 300 kHz in Table 1 of Section 1.1310: 614 V/m and 1.63 A/m.

TABLE 1 TO § 1.1310(E)(1)—LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(i) LIMITS FOR OCCUPATIONAL/CONTROLLED EXPOSURE				
0.3-3.0	614	1.63	*(100)	≤6
3.0-30	1842/f	4.89/f	*(900/f ²)	<6
30-300	61.4	0.163	1.0	<6
300-1,500			f/300	<6
1,500-100,000			5	<6
(ii) LIMITS FOR GENERAL POPULATION/UNCONTROLLED EXPOSURE				
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
300-1,500			f/1500	<30
1,500-100,000			1.0	<30

f = frequency in MHz. * = Plane-wave equivalent power density.

2.3. Test Procedure

- a. Set the measurement frequency of the measurement probe to the fundamental frequency of the device under test.
- b. Set the span to encompass the entire emission bandwidth.
- c. Set the RBW greater than the 99% OBW of the fundamental emission.

Note: This step is not required for a broadband measurement probe that integrates the entire frequency range.

- d. Set the detector to Peak and trace display to Max-Hold.
- e. Allow the spectrum to fill; for pulsing devices this may require an increased monitoring period.
- f. Using a marker, set it to the maximum level of the spectral envelope.
- g. Repeat steps (b) to (f) while scanning a parallel plane at the measurement distance of 10cm on each side of the device to find the peak level.
- h. Repeat steps (b) to (g) for any frequencies where the field value is greater than -20 dBc below the maximum level identified.
- i. If there are multiple frequencies transmitted by the device under test, use equations (2) and (3) to determine compliance.

Note: When scanning around the entire device, the location found to be the maximum for the E- or H-field may not be the same location as the opposite field.

2.4. Test Result

Test Location	Test Separation Distance (cm)	Maximum Electric Field Level (V/m)	Maximum Magnetic Field Level (A/m)	Electric Field Limit (V/m)	Magnetic Field Limit (A/m)	Result
Top	20	0.670	0.032	83	1.63	Pass
Front	15	0.643	0.017	83	1.63	Pass
Back	15	1.044	0.056	83	1.63	Pass
Left	15	0.651	0.119	83	1.63	Pass
Right	15	2.081	0.020	83	1.63	Pass

RF Exposure Evaluation

WPT Device requirement	
☒	Wireless power transfer frequency is below 1 MHz.
☒	Output power from each primary coil is less than or equal to 15 watts.
☒	The transfer system includes only single primary and secondary coils. This includes charging systems that may have multiple primary coils and clients that are able to detect and allow coupling only between individual pairs of coils.
☒	Client device is placed directly in contact with the transmitter.
☒	Mobile exposure conditions only (portable exposure conditions are not covered by this exclusion).
☒	The aggregate H-field strengths at 15 cm surrounding the device and 20 cm above the top surface from all simultaneous transmitting coils are demonstrated to be less than 50% of the MPE limit.

Note: The WPT device can meet all the six requirements above.

Conclusion: This EUT is deemed to comply with the reference level limits, therefore the basic restrictions are compliant with human exposure limits.

_____ The End _____