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CNAS L13445

EMC TEST REPORT

For

Zhiwei Robotics Corp.

3.5" IPS Capacitive Touch Screen

Test Model: DFR1092

Prepared for	:	Zhiwei Robotics Corp.
Address	:	Unit 01, 26/F, A1 Shanghai T & I Tower, No. 1699 Zhongke Road, Pudong District, Shanghai, P.R.China
Prepared by	:	Ningbo Xuntong Standard Technology Service Co., Ltd.
Address	:	Room 101-106/202-206, Building 037, No. 166, Jinghua Road, Meixu Street, Ningbo High-tech Zone, Yinzhou District, Ningbo, Zhejiang, China
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Date of receipt of test sample	:	March 30, 2026
Number of tested samples	:	2
Serial number	:	Prototype
Date of Test	:	March 30, 2026 - April 09, 2026
Date of Report	:	April 16, 2026

EMC TEST REPORT

EN IEC 61000-6-3:2021

EMC - Part 6-3: Generic standards - Emission standard for equipment in residential environments.

EN IEC 61000-6-1:2019

EMC - Part 6-1: Generic standards - Immunity standard for residential,commercial and light-industrial environments.

Report Number.....:	**XT03306040E**
Date of Issue.....:	April 16, 2026
Testing Laboratory Name.....:	**Ningbo Xuntong Standard Technology Service Co., Ltd.**
Address.....:	Room 101-106/202-206, Building 037, No. 166, Jinghua Road, Meixu Street, Ningbo High-tech Zone, Yinzhou District, Ningbo, Zhejiang, China
Testing Procedure.....:	Full application of Harmonised standards ☒ Partial application of Harmonised standards ☐ Other standard testing method ☐
Applicant's Name.....:	**Zhiwei Robotics Corp.**
Address.....:	Unit 01, 26/F, A1 Shanghai T & I Tower, No. 1699 Zhongke Road, Pudong District, Shanghai, P.R.China.
Test Specification:	
Standard.....:	EN IEC 61000-6-3:2021 EN IEC 61000-6-1:2019 EN IEC 61000-3-2:2019+A1:2021+A2:2024 EN 61000-3-3:2013+A1:2019+A2:2021
Test Report Form No.....:	TRF-4-E-020 A/0
TRF Originator.....:	Ningbo Xuntong Standard Technology Service Co., Ltd.
Master TRF.....:	Dated 2019-03

Equipment Under Test.....:	**3.5" IPS Capacitive Touch Screen**
Trademark.....:	DFRobot
Test Model/Type.....:	DFR1092
Rating.....:	Input: DC 3.3-24V, Output: DC 0-12V, 0-24mA
Results .....:	**PASS**

Compiled by:	Supervised by:	Approved by:
Seven Zhu	Wen Li	
Seven Zhu / Engineer	Wen Li / Technique Director	Xi Ouyang / Manager

EMC - TEST REPORT

Test Report No.....:	**XT03306040E**

Applicant.....:	**Zhiwei Robotics Corp.**
Address.....:	Unit 01, 26/F, A1 Shanghai T & I Tower, No. 1699 Zhongke Road, Pudong District, Shanghai, P.R.China
Telephone.....:	/
Fax.....:	/
Manufacturer.....:	**Zhiwei Robotics Corp.**
Address.....:	Unit 01, 26/F, A1 Shanghai T & I Tower, No. 1699 Zhongke Road, Pudong District, Shanghai, P.R.China
Telephone.....:	/
Fax.....:	/
Factory.....:	**Zhiwei Robotics Corp.**
Address.....:	Unit 01, 26/F, A1 Shanghai T & I Tower, No. 1699 Zhongke Road, Pudong District, Shanghai, P.R.China
Telephone.....:	/
Fax.....:	/

The applicant and manufacturer information, product name, model, trademark and other information in this report are all provided by the applicant, and this laboratory is not responsible for verifying its authenticity.

The test report merely corresponds to the test sample.
It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

ENVIRONMENTAL CONDITIONS

The climatic conditions during the test are within the limits specified by the manufacturer for the operation of the EUT and the test equipment. the climatic conditions during the test were in the following Limits:

Ambient temperature	15℃ - 30℃
Relative Humidity air	30% - 60%
Atmospheric pressure	86 kPa - 106 kPa

Climate values will be recorded and recorded separately if specifically required in the base standard or application product/product series standard.

POSSIBLE TEST CASE VERDICTS

Test cases does not apply to test object	N/A
Test object does meet requirement	P(Pass) / PASS
Test object does not meet requirement	F(Fail) / FAIL
Not measured	N/M

DEFINITION OF SYMBOLS USED IN THIS TEST REPORT

☒	Indicate that the conditions, standards or equipment listed is applicable to this report / test / EUT.
☐	Indicate that the conditions, standards or equipment listed is not applicable to this report / test / EUT.

REVISION HISTORY

Revision	Issue Date	Revision Content	Revised by
000	April 16, 2026	Initial Issue	-

Remark:
000) : “---”

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1. GENERAL INFORMATION

1.1. GENERAL DESCRIPTION OF THE ITEM(S)

Equipment Under Test	3.5" IPS Capacitive Touch Screen
Test Model/Type	DFR1092
Rating	Input: DC 3.3-24V, Output: DC 0-12V, 0-24mA
Highest internal frequency (Fx)	≤ 108 MHz

Information of the Equipment Under Test (EUT)
The EUT is general equipment for residential, commercial and light-industrial environments. the product contains electronic control circuits. for more information refer to client's DoC letter.

The applicant states: - The test samples of No.001 is subjected to all tests (except for Radio-Frequency Electromagnetic Field (RS) Test), and the test samples of No.002 is subjected to Radio-Frequency Electromagnetic Field (RS) Test.

1.2. OPERATING MODE(S) USED OF TESTS

During the tests, the following operating mode(s) has(have) been used.

Operating Mode	Operating Mode description	Used for testing	
		Emission	Immunity
1	Working	☒	☒
2	/	☐	☐
3	/	☐	☐
4	/	☐	☐

1.3. SUPPORT / AUXILIARY EQUIPMENT FOR THE EUT

EUT has been tested using the following auxiliary equipment :

Auxeq	Model/Type	Manufacturer	Supplied by
-	-	-	-

1.4. DESCRIPTION OF TEST FACILITY

Test Location 1	Ningbo Xuntong Standard Technology Service Co., Ltd. Room 101-106/202-206, Building 037, No. 166, Jinghua Road, Meixu Street, Ningbo High-tech Zone, Yinzhou District, Ningbo, Zhejiang, China CNAS Registration Number is L13445.
Test Location 2	Shenzhen Southern LCS Compliance Testing Co., Ltd. Room 101-201, Building 39, Xialang Industrial Zone, Heshuikou Community, tian Street, Guangming District, Shenzhen, Guangdong, China. CNAS Registration Number is L10160.
Date of receipt of test item	March 30, 2026
Date(s) of performance of test	March 30, 2026 - April 09, 2026

Note: Radio-Frequency Electromagnetic Field (RS) Test Subcontract to Shenzhen Southern LCS Compliance Testing Co., Ltd for Testing.

2. STATEMENT OF THE MEASUREMENT UNCERTAINTY

The data and results referenced in this document are true and accurate. the reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. the measurement uncertainty was calculated for all measurements listed in this test report acc. to CISPR 16 - 4 “Specification for radio disturbance and immunity measuring apparatus and methods - Part 4: Uncertainty in EMC Measurements” and is documented in the Xuntong quality system acc. to DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. the manufacturer has the sole responsibility of continued compliance of the device.

Measurement	Uncertainty (U_{lab})	Uncertainty (U_{cispr})
Conducted disturbance (9kHz - 150kHz)	± 2.63 dB	± 3.8 dB
Conducted disturbance (150kHz - 30MHz)	± 2.35 dB	± 3.4 dB
Radiated disturbance (9kHz - 30MHz)	± 3.68 dB	-
Radiated disturbance (30MHz - 200MHz)	± 3.48 dB	± 5.3 dB
Radiated disturbance (200MHz - 1GHz)	± 3.48 dB	± 5.3 dB
Harmonic current	± 0.510%	-
Voltage fluctuations & Flicker	± 0.510%	-

Supplementary information:

The reported expanded uncertainty of measurement is stated as the standard uncertainty of measurement multiplied by the coverage factor of k=2, which for a normal distribution corresponds to a coverage probability of approximately 95%.

3. MEASURING DEVICES AND TEST EQUIPMENT

RADIATED DISTURBANCE (30MHz - 1GHz)						
Item	Test equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1	EMI Test Software	AUDIX	E3	N/A	/	/
2	3m Semi Anechoic Chamber	MAORUI	9m*6m*6	160218849	2024-04-11	2027-04-10
3	By-log Antenna	SCHWARZBECK	VULB9168	9168-988	2025-04-13	2026-04-12
4	Horn Antenna	SCHWARZBECK	BBHA9120D	9120D-2049	2025-05-17	2026-05-16
5	EMI Test Receiver	R&S	ESRP	101372	2025-05-09	2026-05-08
6	AMPLIFIER	SCHWARZBECK	BBV9745	136	2025-05-09	2026-05-08
7	RF Cable	Hubber Suhner	CBL-RE	/	/	/
8	AMPLIFIER	SCHWARZBECK	BBV9718C	21	2025-05-09	2026-05-08

HARMONIC CURRENT & FLICKER						
Item	Test equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1	Harmonic current and voltage scintillation measurement system	Li	AC2000A	311355	2025-05-09	2026-05-08

ELECTROSTATIC DISCHARGE						
Item	Test equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1	ESD Simulator	SCHLODER	SESD216	102318	2025-05-13	2026-05-12

VOLTAGEDIPS AND SHORT INTERRUPTIONS						
Item	Test equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1	Immunity Simulative Generator	HTEC	HCOMPACT7/HV1P16T	190308/190402	2025-05-09	2026-05-08

RADIO-FREQUENCY ELECTROMAGNETIC FIELDS						
Item	Test equipment	Manufacturer	Model No.	Serial No.	Cal Date	Due Date
1	Semi Anechoic Chamber #2	Maorui	966	202512	2025-12-31	2028-12-30
2	Power Meter	R&S	NRP-Z11	115232	2025-12-12	2026-12-11
3	Power Meter	R&S	NRP-Z11	117755	2025-12-12	2026-12-11
4	Power Amplifiere	SKET	LPA 0810-150	202302457	2025-12-12	2026-12-11
5	Power Amplifiere	OPHIR	5273F	1019	2025-07-16	2026-07-15
6	Power Amplifiere	SKET	HAP-0306G-50W	/	2025-07-16	2026-07-15
7	RF Signal Generator	Agilent	E4438C	MY42081396	2025-07-16	2026-07-15
8	Field Generating Antenna	SKET	STLP 9129 Plus	/	/	/
9	Test Software	SKET	EMC-S	V2.1.3.23	/	/

4. VERDICT SUMMARY SECTION

This chapter present an overview of the standards and results. Refer the next chapter for details of measured test results and applied test levels.

4.1. STANDARD(S)

EN IEC 61000-6-3:2021 - Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for equipment in residential environments.

EN IEC 61000-6-1:2019 - Electromagnetic compatibility (EMC) - Part 6-1: Generic standards - Immunity standard for residential,commercial and light-industrial environments.

EN IEC 61000-3-2:2019+A1:2021+A2:2024* - Electromagnetic compatibility (EMC) Part 3-2: Limits for harmonic current emissions (equipment input current ≤16 A per phase).

EN 61000- 3- 3:2013+A1:2019+A2:2021 - Electromagnetic compatibility (EMC)Part 3-3: Limits for voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤16 A per phase and not subject to conditional connection.

CNAS scope of accreditation includes EN IEC 61000-3-2:2019+A1:2021.However does not include ENIEC 61000-3-2:2019+A2:2024.

4.2. OVERVIEW OF RESULTS

EMISSION TESTS - EN IEC 61000-6-3, EN IEC 61000-3-2, EN 61000-3-3		
Requirement - Test case	**Limit**	**Verdict**
Conducted Disturbance - AC mains ports / DC power port	Table 4, Table A.1	N/A
Conducted Disturbance - Wired ports	Table 5	N/A
Assessment of the enclosure port	---	---
Radiated Disturbance in the frequency range 30 MHz to 1 GHz	Table 3	PASS
Radiated Disturbance in the frequency range Above 1 GHz	Table 3	N/A
Harmonic Current	Clause 7	N/A
Voltage Fluctuations and Flicker	Clause 5	N/A
IMMUNITY TESTS - EN IEC 61000-6-2		
Requirement - Test case	**Basic Standard(s)**	**Verdict**
Electrostatic Discharge	IEC/EN 61000-4-2	PASS
Radio-Frequency Electromagnetic Fields	IEC/EN 61000-4-3	PASS
Electrical Fast Transient / Burst	IEC/EN 61000-4-4	N/A
Surge	IEC/EN 61000-4-5	N/A
Radio-Frequency Common Mode	IEC/EN 61000-4-6	N/A
Power Frequency Magnetic Field	IEC/EN 61000-4-8	N/A
Voltage Dips and Short Interruptions	IEC/EN 61000-4-11	N/A

Supplementary information :

1.Only for the Intended cable connection is longer than 3M.

5. EMISSION TESTS

5.1. RADIATED DISTURBANCE

Standard	EN IEC 61000-6-3:2021
Basic Standard(s)	EN 55016-2-3
Test method	Semi Anechoic Chamber (SAC)

SAC Radiated disturbance limit in the frequency range 30 MHz - 1000 MHz

Frequency range [MHz]	Limit: Quasi-peak [dB(μV/m)]		IF BW
	3 m distance	10 m distance	
30 - 230	40	30	120 KHz
230 - 1000	47	37	
1) At the transition frequency, the lower limit applies.			

Radiated disturbance limit in the frequency range 1 GHz - 6 GHz

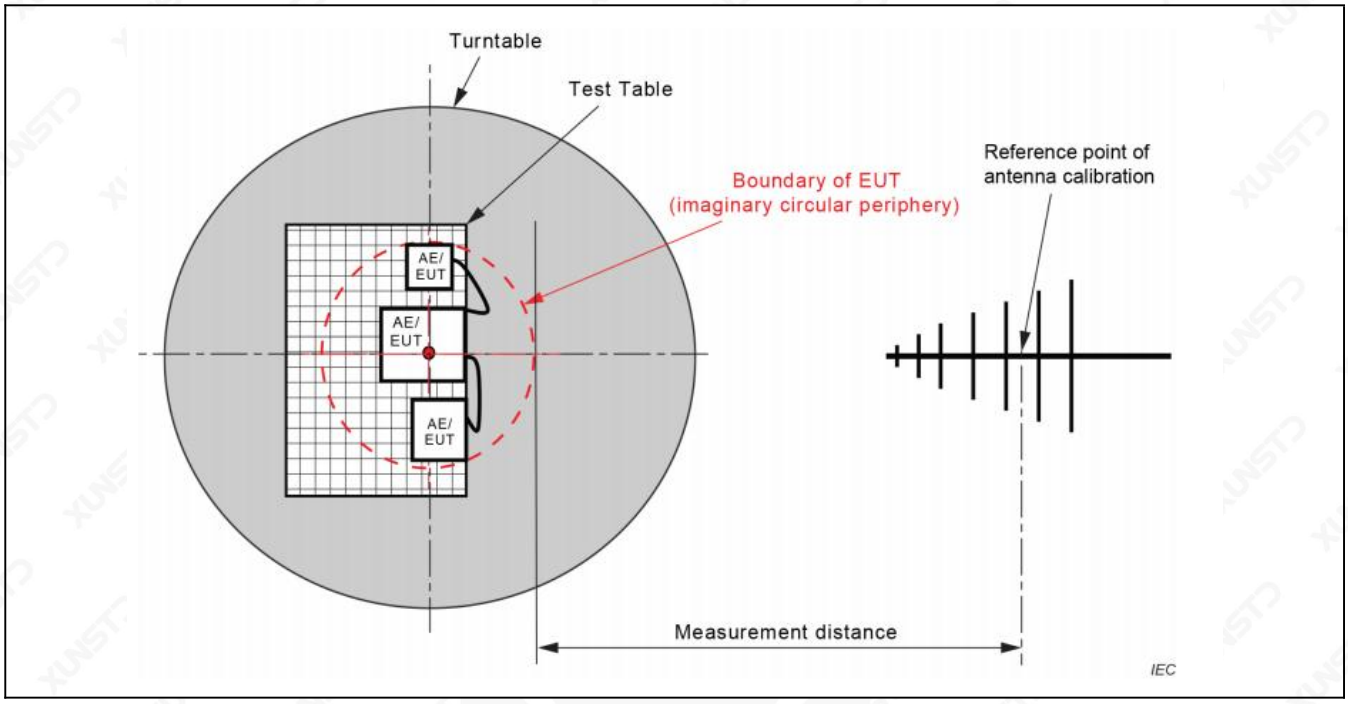
Frequency range [MHz]	Limit (3 m distance)		IF BW
	Peak [dB(μV/m)]	Average [dB(μV/m)]	
1000 - 3000	70	50	1MHz
3000 - 6000	74	54	

Required highest frequency for radiated measurement

Highest internal frequency (Fx)	Highest measured frequency
Fx ≤ 108 MHz	1 GHz
108 MHz < Fx ≤ 500 MHz	2 GHz
500 MHz < Fx ≤ 1 GHz	5 GHz
Fx > 1 GHz	5 × Fx up to a maximum of 6 GHz

1) Fx is highest fundamental frequency generated or used within the EUT or highest frequency at which it operates.

Test configuration



Test Procedure Description

The radiated disturbance test was conducted in a 3m Semi Anechoic Chamber and conforming to CISPR 16-2-3. the EUT is placed on a turntable, which is 0.8 meter high above the ground. the turntable can rotate 360 degrees to determine the position of the maximum emission level. the EUT is set 3 meters away from the receiving antenna, which is mounted on an antenna tower. the antenna can be moved up and down from 1 to 4 meters to find out the maximum emission level. Log-periodic antenna or horn antenna is used as a receiving antenna. both horizontal and vertical polarization of the antenna is set on test.

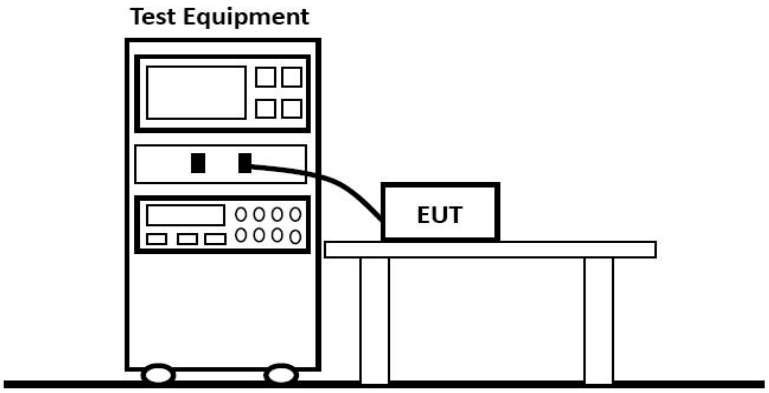
Test Results refer to Annex A.1

5.2. HARMONIC CURRENT

Standard		EN IEC 61000-3-2:2019+A1:2021+A2:2024
Exlusions (For these categories of equipment, limits are not specified in the EN IEC 61000-3-2)	☒	Systems with nominal voltages less than 220VAC (line-to-neutral)
	☐	Lighting equipment with rated power < 5 W
	☐	Equipment with rated power of ≤ 75 W (other than lighting equipment)
	☐	Professional equipment with a total rated power >1kW
	☐	Symmetrically controlled heating elements with rated power ≤ 200 W
	☐	Independent dimmers for incandescent lamps with rated power ≤ 1kW

Classification				
☐	Class A	All equipment not specified as belonging to Class B, C or D		
☐	Class B	Portable tools		
☐	Class C	☐	Lighting equipment with active input power > 25W	
		☐	Lighting equipment with active input power ≥ 5W and ≤ 25W	
			☐	Table 3, column 2 (Power-related limits)
			☐	3rd harmonic ≤ 86%, 5th harmonic ≤ 61% and waveform conditions
			☐	THD ≤ 70%, Harmonic:3rd ≤ 35%, 5th ≤ 25%, 7th ≤ 30%, 9th and 11th ≤ 20%, 2nd ≤ 5%
☐	Class D	Personal computers, television receivers,refrigerators and freezers having one or more variable-speed drives to control compressor		

Test configuration



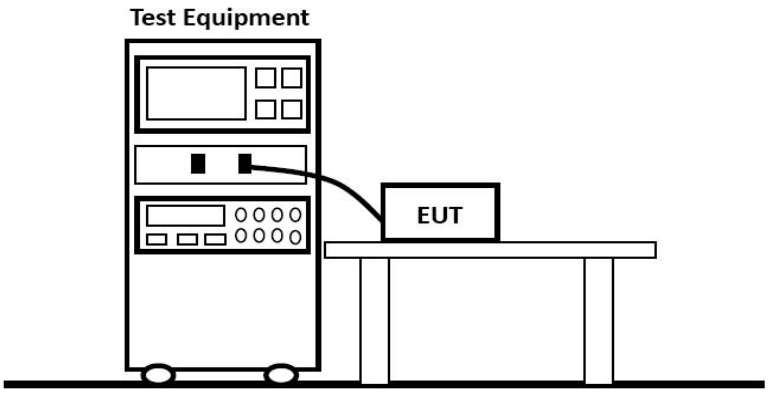
5.3. VOLTAGE FLUCTUATIONS & FLICKER

Standard	EN 61000-3-3:2013+A1:2019+A2:2021

Limit

P_{st} (Short term flicker)	☐	≤ 1	☒	Not applicable
P_{lt} (Long-term flicker)	☐	≤ 0,65	☒	Not applicable
T_{max} (Accumulated time)	☐	≤ 500 ms	☒	Not applicable
d_c (Relative voltage change)	☐	≤ 3.3%	☒	Not applicable
d_{max} (Max.voltage change)	☐	≤ 4%	☐	≤ 6%
	☐	≤ 7%	☒	Not applicable

Test configuration



6. IMMUNITY TESTS

6.1. PERFORMANCE CRITERIA

Standard	EN IEC 61000-6-1:2019

Performance criterion A: The EUT shall continue to operate as intended during and after the test. No degradation of performance or loss of function is allowed below a performance level specified by the manufacturer, when the EUT is used as intended. If the performance level is not specified by the manufacturer, this may be derived from the product description and documentation and what the user may reasonably expect from the equipment if used as intended

Performance criterion B: The EUT shall continue to operate as intended after the test. No degradation of performance or loss of function is allowed below a performance level specified by the manufacturer, when the EUT is used as intended. The performance level may be replaced by a permissible loss of performance. However, during the test degradation of performance is allowed but no change of actual operating state or stored data is allowed. If the minimum performance level or the permissible performance loss is not specified by the manufacturer, either of these may be derived from the product description and documentation and what the user may reasonably expect from the equipment if used as intended.

Performance criterion C: Temporary loss of function is allowed during the test, provided the function is self-recoverable or can be restored by the operation of the controls.

Examples of ports		Tests and performance criteria							
		ESD	RS	PFMF	EFT	CS	Surge	Dips	Interruption
☒	Enclosure port	B	A	A	---	---	---	---	---
☐	Signal / control ports [1]	---	---	---	B	A	B	---	---
☒	DC Input / Output power ports [1]	---	---	---	B	A	B	---	---
☐	AC Input / Output power ports	---	---	---	B	A	B	B&C	C

Supplementary information:

1) Applicable only to ports which, according to the manufacturer's specification, support cable lengths greater than 3 m.

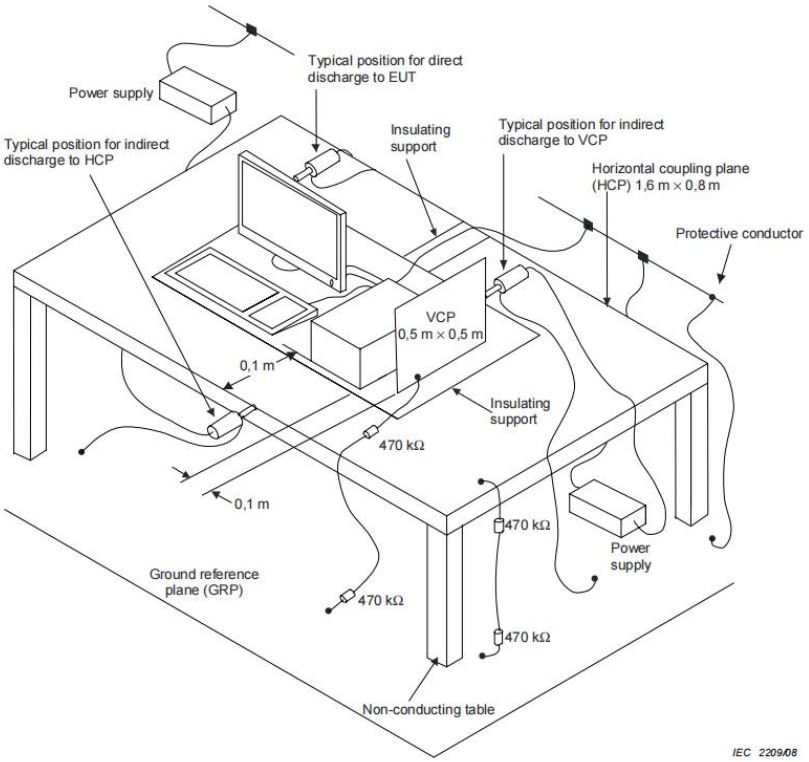
6.2. ELECTROSTATIC DISCHARGE

Electrostatic discharge (ESD) is the result of accumulated static electricity from a person or object, for example, walking on a synthetic carpet. ESD can indirectly affect the operation of equipment or damage its electronic components through direct discharge or coupling. both effects were simulated during the test. contact discharge is the preferred test method. twenty discharges (10 with positive and 10 with negative polarity) shall be applied on each accessible metallic part of the enclosure (terminals are excluded). air discharges shall be used where contact discharges cannot be applied. discharges shall be applied on the horizontal or vertical coupling planes.taken into consideration when selecting test points, paying particular attention to keyboards, dialling pads, power switches, mice, drive slots, card slots, the areas around communication ports, etc.

Requirements

Standard	EN IEC 61000-6-1:2019							
Basic standard	EN 61000-4-2							
Port under test	Enclosure							
Contact discharge	☒	± 2 kV	☒	± 4 kV	☐	±8 kV	☐	kV
Air discharge	☒	± 2 kV	☒	± 4 kV	☒	±8 kV	☐	kV
Number of discharges	≥ 10 per polarity with ≥ 1 sec interval							

Test configuration



Test Results refer to Annex A.2

6.3. RADIO-FREQUENCY ELECTROMAGNETIC FIELDS

During the test it is verified if the EUT has sufficient immunity against radiated electromagnetic fields.

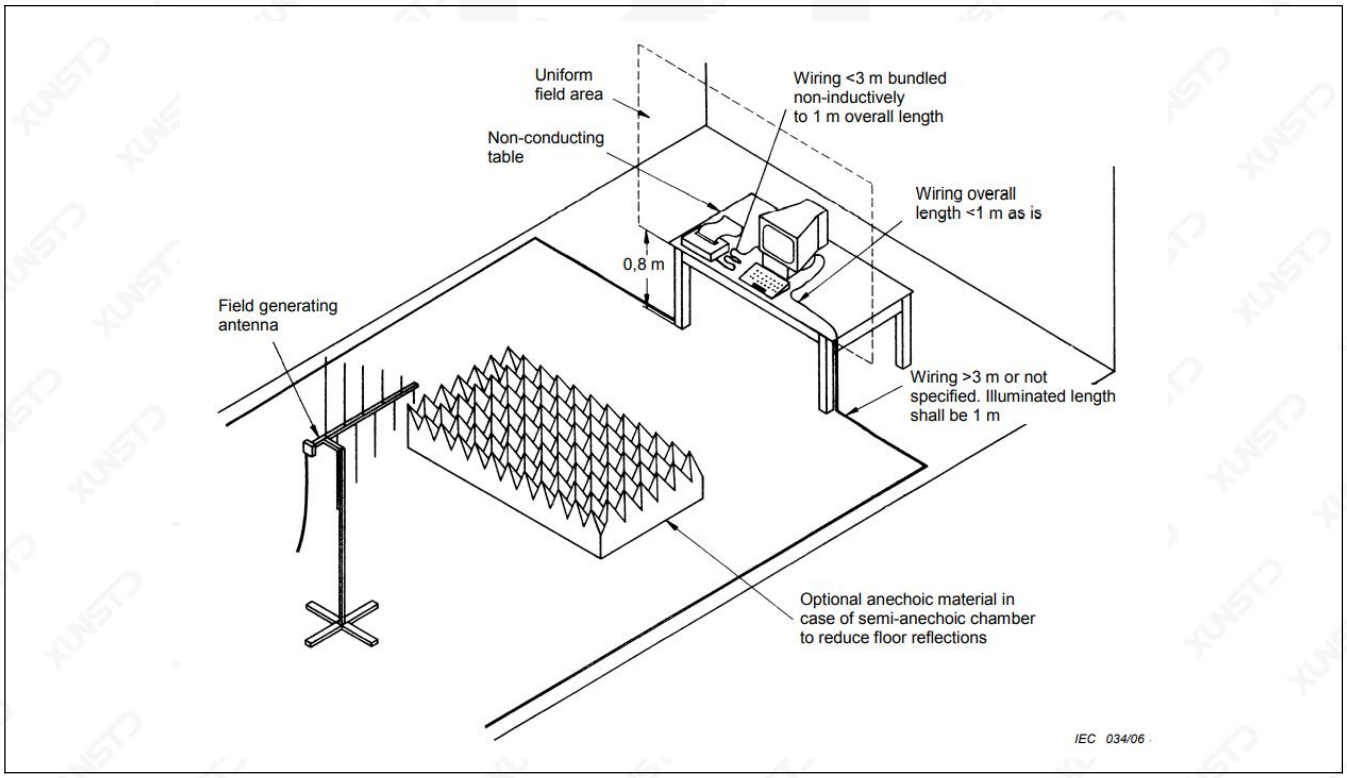
The test was carried out in a half-wave anechoic chamber with absorbent material attached to a reflective ground plate, Before the test, the test field strength needs to be calibrated. during the calibration, the corresponding relationship between the target field strength and the forward power applied to the transmitting antenna is established.during the test, except for EUT, the indoor layout is consistent with the calibration.

The EUT and its simulators are placed on a turn table which is 0,8 meter above ground. EUT is set 3 meter away from the transmitting antenna which is mounted on an antenna tower. both horizontal and vertical polarization of the antenna are set on test. each of the four sides of EUT must be faced this transmitting antenna and measured individually. in order to judge the EUT performance, a CCD camera is used to monitor EUT screen.

Requirements

Standard	EN IEC 61000-6-1:2019			
Basic standard	EN 61000-4-3			
Port under test	Enclosure			
Frequency range	Test level	Modulation	Dwell time	Step size
80 - 1000 MHz	3 V/m	1 kHz, 80 % AM	≥ 0,5 s	≤ 1%
1400 - 6000 MHz	3 V/m	1 kHz, 80 % AM	≥ 0,5 s	≤ 1%

Test configuration

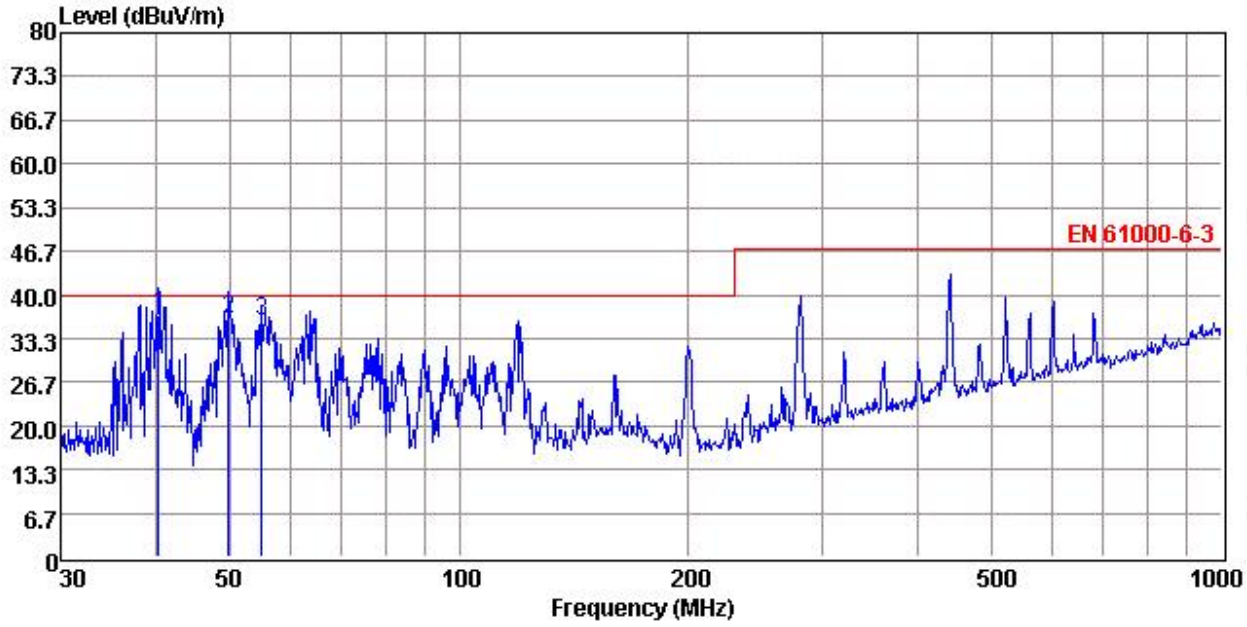


Test Results refer to Annex A.2

ANNEX A - TEST RESULTS

A.1. RADIATED DISTURBANCE TEST RESULTS

Environmental Conditions	20.2℃, 51% RH
Model	DFR1092
Operating mode	Mode 1 (worst case)
Test voltage	DC 24V
Test engineer	Xi Ouyang
Pol	Vertical

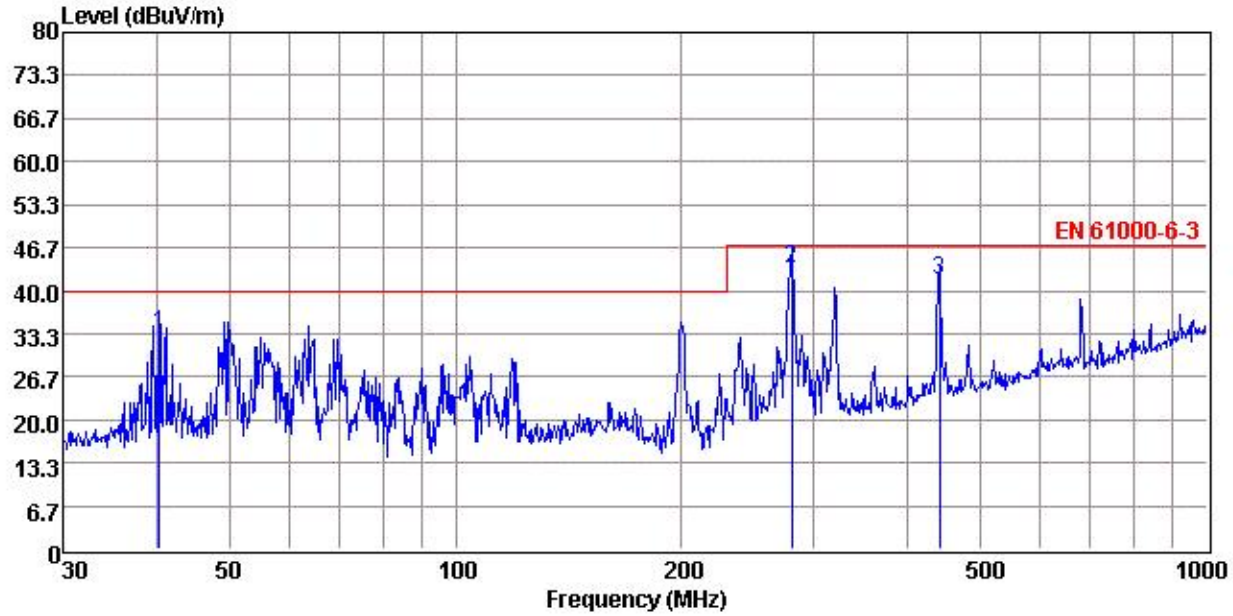


Site : 3m chamber
Condition : EN 61000-6-3 3m VULB9168 NB 5 VERTICAL

	Freq	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB/m	dB	dBuV/m	dBuV/m	dB	
1	40.28	51.15	2.27	13.80	30.32	36.90	40.00	-3.10	QP
2	49.88	50.92	2.41	13.30	30.33	36.30	40.00	-3.70	QP
3	55.03	50.99	2.50	12.90	30.30	36.09	40.00	-3.91	QP

Note: 1. All Levels are Quasi-peak values.
2. Level= Read Level + Antenna Factor + Cable Loss - Preamp Factor
3. The emission that ate 20db blow the offficial limit are not reported

Environmental Conditions	20.2℃, 51% RH
Model	DFR1092
Operating mode	Mode 1 (worst case)
Test voltage	DC 24V
Test engineer	Xi Ouyang
Pol	Horizontal



Site : 3m chamber
Condition : EN 61000-6-3 3m VULB9168 NB 5 HORIZONTAL

	Freq	Read Level	Cable Loss	Antenna Factor	Preamp Factor	Level	Limit Line	Over Limit	Remark
	MHz	dBuV	dB	dB/m	dB	dBuV/m	dBuV/m	dB	
1	40.28	47.55	2.27	13.80	30.32	33.30	40.00	-6.70	QP
2	280.02	57.92	4.64	12.20	31.20	43.56	47.00	-3.44	QP
3	440.20	50.78	5.40	16.70	31.30	41.58	47.00	-5.42	QP

Note: 1. All Levels are Quasi-peak values.
2. Level= Read Level + Antenna Factor + Cable Loss - Preamp Factor
3. The emission that ate 20db blow the offficial limit are not reported

A.2. IMMUNITY TEST RESULTS

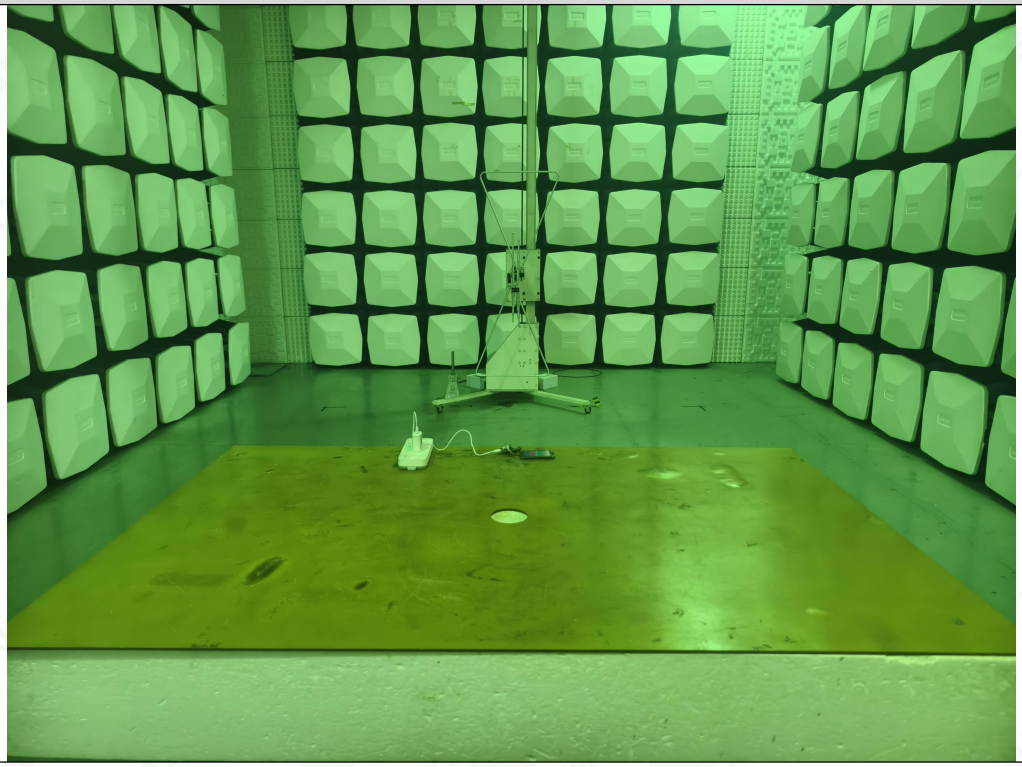
ELECTROSTATIC DISCHARGE IMMUNITY TEST RESULTS					
Standard	☒ EN IEC 61000-6-1:2019 ☒ EN 61000-4-2				
EUT	3.5" IPS Capacitive Touch Screen		Temperature	21℃	
M/N	DFR1092		Humidity	50%	
Test Mode	MODE 1		Pressure	-	
Input voltage	DC 24V		Test Results	Pass	
Test engineer	Xi Ouyang				
Discharge Mode	Test Points	Test Valtage (kV) & polarity	Number of discharges/polarity	Discharge interval (s)	Performance Criteria
Contact Discharge	-	± 2&4	10	1	B
Air Discharge	-	± 2&4&8	10	1	B
VCP	-	± 4	10	1	B
HCP	-	± 4	10	1	B
Note :					

RADIO-FREQUENCY ELECTROMAGNETIC FIELD IMMUNITY TEST RESULTS				
Standard	☒ EN IEC 61000-6-1:2019		☒ EN 61000-4-3	
EUT	3.5" IPS Capacitive Touch Screen		Temperature	20.5℃
M/N	DFR1092		Humidity	52%
Test Mode	MODE 1		Pressure	-
Input voltage	DC 24V		Test engineer	ZOM ZHANG
Modulation	1 kHz, 80 % AM		Test Results	Pass
Steps	1%			
Angle of EUT	Antenna polarization	Frequency Range	Test Level	Performance Criteria
0°	Vertical Horizontal	80 - 1000 MHz, 1400 - 6000MHz	3 V/m	A
90°	Vertical Horizontal	80 - 1000 MHz, 1400 - 6000MHz	3 V/m	A
180°	Vertical Horizontal	80 - 1000 MHz, 1400 - 6000MHz	3 V/m	A
270°	Vertical Horizontal	80 - 1000 MHz, 1400 - 6000MHz	3 V/m	A

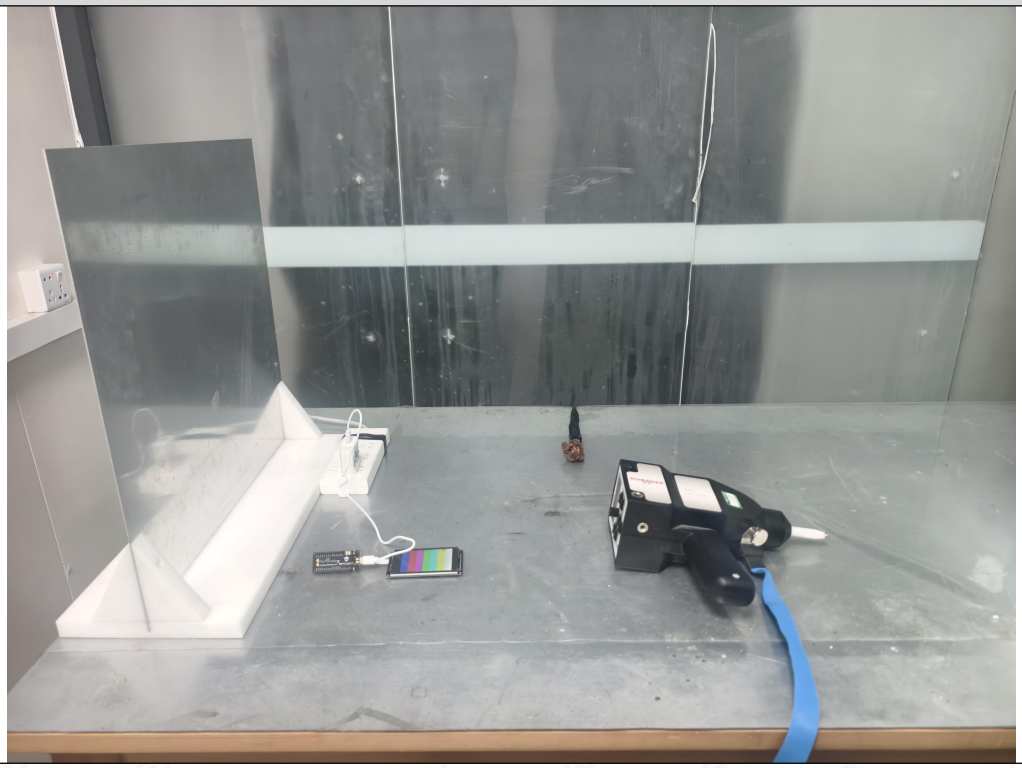
Note :

ANNEX B - TEST PHOTOS

B.1. Radiated Disturbance (30MHz to 1GHz)



B.2. Electrostatic Discharge



ANNEX C - EXTERNAL AND INTERNAL PHOTOS OF THE EUT

The photographs show the equipment under test.

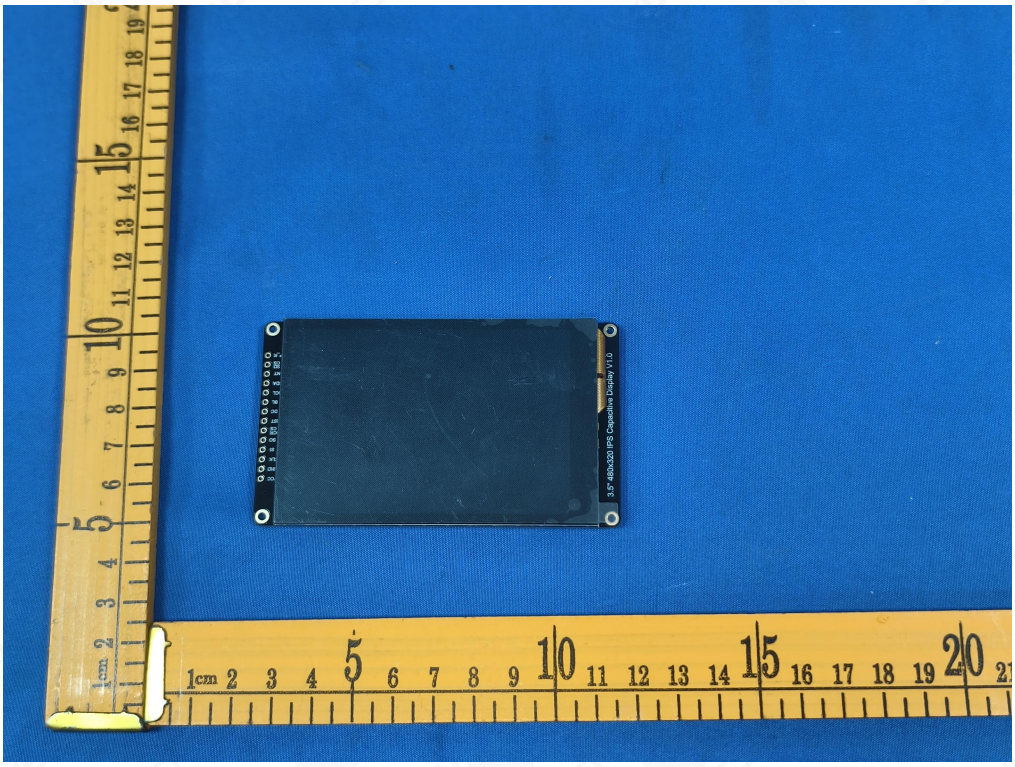


Figure. 1（DFR1092）

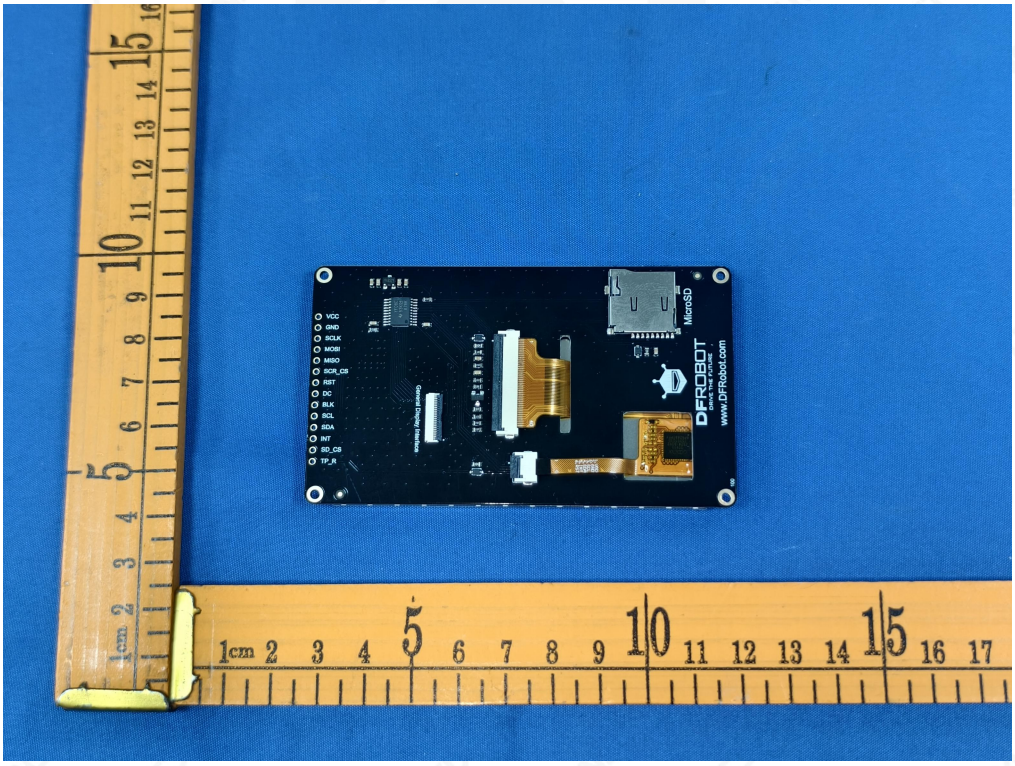


Figure. 2（DFR1092）

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