EMC TEST REPORT

For

ShenZhen XiangWei Measurement and Control Technology Co., Ltd

Point type liquid leakage sensor

Test Model: XW-DC-01

Prepared for : ShenZhen XiangWei Measurement and Control Technology Co.,

Ltd

Address : 1609-1610 Jinhua Building, Taoxia Village, Gaofeng

Community, Dalang Street, Longhua District, Shenzhen

Prepared by : Zhongshan LCS Compliance Testing Laboratory Ltd.

Address : 23F, Building A, Zhongshan Harbor of iDEAS, No. 25 Gangyi

Road, Torch Development Zone, Zhongshan, Guangdong, China

Tel : (+86) 0760-85282956 Fax : (+86) 0760-85282906 Web : www.LCS-cert.com

Mail : webmaster@LCS-cert.com

Date of receipt of test sample : June 03, 2019

Number of tested samples : 1

Serial number : Prototype

Date of Test : June 03, 2019 ~ June 10, 2019

Date of Report : July 05, 2019



EMC TEST REPORT

EN 55032: 2015

Information technology equipment-Radio disturbance characteristics – Limits of measurement EN 55035: 2017

Electromagnetic compatibility of multimedia equipment – Immunity requirements Report Reference No.: LCS190520043DE Date of Issue: July 05, 2019 Testing Laboratory Name.....: Zhongshan LCS Compliance Testing Laboratory Ltd. Address 23F, Building A, Zhongshan Harbor of iDEAS, No. 25 Gangyi Road, Torch Development Zone, Zhongshan, Guangdong, China Testing Location/ Procedure: Full application of Harmonised standards Partial application of Harmonised standards Other standard testing method \square Applicant's Name ShenZhen XiangWei Measurement and Control Technology Co., Ltd Address.....: 1609-1610 Jinhua Building, Taoxia Village, Gaofeng Community, Dalang Street, Longhua District, Shenzhen **Test Specification** Standard : EN 55032: 2015 EN 55035: 2017 Test Report Form No.....: LCSEMC-1.0 TRF Originator.....: Zhongshan LCS Compliance Testing Laboratory Ltd. Master TRF.....: Dated 2011-03 Zhongshan LCS Compliance Testing Laboratory Ltd. All rights reserved. This publication may be reproduced in whole or in part for non-commercial purposes as long as the Zhongshan LCS Compliance Testing Laboratory Ltd. is acknowledged as copyright owner and source of the material. Zhongshan LCS Compliance Testing Laboratory Ltd. takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context. Test Item Description.....: Point type liquid leakage sensor Trade Mark: Test Model....: XW-DC-01 Ratings: DC 12V, 50mA Result: Positive Compiled by: Supervised by:

hybian li

Jeo de

Lylian Li/ File administrators

Leo Lee/ Technique principal

Gavin Jane Manager

EMC -- TEST REPORT

Test Report No.: LCS190520043DE

July 05, 2019

Date of issue

Test Model....: XW-DC-01 EUT.....: Point type liquid leakage sensor ShenZhen XiangWei Measurement and Control Technology Applicant....:: Co., Ltd Address.....: 1609-1610 Jinhua Building, Taoxia Village, Gaofeng Community, Dalang Street, Longhua District, Shenzhen Telephone.....: : / Fax.....:: : / Manufacturer.....: : ShenZhen XiangWei Measurement and Control Technology Co., Ltd Address.....: 1609-1610 Jinhua Building, Taoxia Village, Gaofeng Community, Dalang Street, Longhua District, Shenzhen Telephone.....: : / Fax.....: : / Factory.....:: ShenZhen XiangWei Measurement and Control Technology Co., Ltd Address.....: 1609-1610 Jinhua Building, Taoxia Village, Gaofeng Community, Dalang Street, Longhua District, Shenzhen Telephone.....: : / Fax.....:: : /

Test Result	Positive
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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.

Revision History

Revision	Issue Date	Revisions	Revised By
000	July 05, 2019	Initial Issue	Gavin Liang

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1. SUMMARY OF STANDARDS AND RESULTS

1.1. Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below.

Emission (EN 55032: 2015)				
Description of Test Item	Standard	Limits	Results	
Conducted disturbance at mains terminals	EN 55032: 2015	Class B	N/A	
Conducted disturbance at telecommunication port	EN 55032: 2015	Class B	N/A	
Radiated disturbance	EN 55032: 2015	Class B	PASS	
Harmonic current emissions	EN 61000-3-2: 2014	Class A	N/A	
Voltage fluctuations & flicker	EN 61000-3-3: 2013		N/A	
	Immunity (EN 55035: 2017)			
Description of Test Item	Basic Standard	Performance Criteria	Results	
Electrostatic discharge (ESD)	EN 61000-4-2: 2009	В	PASS	
Radio-frequency, Continuous radiated disturbance	EN 61000-4-3: 2006+A2: 2010	A	PASS	
Electrical fast transient (EFT)	EN 61000-4-4: 2012	В	N/A	
Surge (Input a.c. power ports)	EN 61000-4-5: 2014+A1: 2017	В	N/A	
Surge (Telecommunication ports)	EN 01000-4-3: 2014+A1: 2017	В	N/A	
Radio-frequency, Continuous conducted disturbance	EN 61000-4-6: 2014	A	N/A	
Power frequency magnetic field	EN 61000-4-8: 2010	A	PASS	
Voltage dips, >95% reduction	EN 61000-4-11: 2004+A1: 2017	В	N/A	
Voltage dips, 30% reduction	EN 01000-4-11: 2004+A1: 2017	С	N/A	
Voltage interruptions		С	N/A	
***Note: N/A is an abbreviation	on for Not Applicable.			

Test mode:		
Mode 1	Working	Record

1.2. Description of Performance Criteria

General Performance Criteria

Examples of functions defined by the manufacturer to be evaluated during testing include, but are not limited to, the following:

- essential operational modes and states;
- tests of all peripheral access (hard disks, floppy disks, printers, keyboard, mouse, etc.);
- quality of software execution;
- quality of data display and transmission;
- quality of speech transmission.

1.2.1. Performance criterion A

The equipment shall continue to operate as intended without operator intervention. No degradation of performance or loss of function is allowed below a performance level specified by the manufacture when the equipment is used as intended. The performance level may be replaced by a permissible loss of performance. If the minimum performance level or the permissible performance loss is not specified by the manufacturer, then either of these may be deriver from the product description and documentation, and by what the user may reasonably expect from the equipment if used as intended.

1.2.2. Performance criterion B

After the test, the equipment shall continue to operate as intended without operator intervention. No degradation of performance or loss of function is allowed, after the application of the phenomena below a performance level specified by the manufacture, when the equipment is used as intended. The performance level may be replaced by a permissible loss of performance.

During the test, degradation of performance is allowed. However, no change of operation state or stored data is allowed to persist after the test.

If the minimum performance level (or the permissible performance loss) is not specified by the manufacturer, then either of these may be deriver from the product description and documentation, and by what the user may reasonably expect from the equipment if used as intended.

1.2.3. Performance criterion C

Loss of function is allowed, provided the function is self-recoverable, or can be restored by the operation of the controls by the user in accordance with the manufacture's instructions.

Functions, and/or information stored in non-volatile memory, or protected by a battery backup, shall not be loss.

2. GENERAL INFORMATION

2.1. Description of Device (EUT)

: Point type liquid leakage sensor

Trade Mark :

Test Model : XW-DC-01

Power Supply : DC 12V, 50mA

EUT Clock Frequency : ≤ 108MHz

2.2. Description of Test Facility

FCC Registration Number is 254912.

Industry Canada Registration Number is 9642A-1.

ESMD Registration Number is ARCB0108.

UL Registration Number is 100571-492.

TUV SUD Registration Number is SCN1081.

TUV RH Registration Number is UA 50296516-001

NVLAP Registration Code is 600167-0.

2.3. 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 LCS 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.

2.4. Measurement Uncertainty

Test	Parameters	$\begin{array}{c} \textbf{Expanded Uncertainty} \\ \textbf{(U_{lab})} \end{array}$	Expanded Uncertainty (U_{cispr})
Conducted Emission	Level accuracy (9kHz to 150kHz) (150kHz to 30MHz)	± 2.63 dB ± 2.35 dB	± 3.8 dB ± 3.4 dB
Power Disturbance	Level accuracy (30MHz to 300MHz)	± 2.90dB	± 4.5 dB
Electromagnetic Radiated Emission (3-loop)	Level accuracy (9kHz to 30MHz)	± 3.60 dB	± 3.3 dB
Radiated Emission	Level accuracy (9kHz to 30MHz)	± 3.68 dB	N/A
Radiated Emission	Level accuracy (30MHz to 1000MHz)	± 3.48 dB	± 5.3 dB
Radiated Emission	Level accuracy (above 1000MHz)	± 3.90 dB	± 5.2 dB
Mains Harmonic	Voltage	± 0.510%	N/A
Voltage Fluctuations & Flicker	Voltage	± 0.510%	N/A
EMF	/	± 21.59%	N/A

¹⁾ Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus.

²⁾ 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

Test	Test Item: Radiated Disturbance (Electric Field)				
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	EMI Test Software	AUDIX	E3	/	2018-06-16
2	3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	2018-06-16
3	Positioning Controller	MF	MF-7082	/	2018-06-16
4	By-log Antenna	SCHWARZBECK	VULB9163	9163-470	2018-07-26
5	Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-1925	2018-07-02
6	EMI Test Receiver	R&S	ESR 7	101181	2018-06-16
7	RS SPECTRUM ANALYZER	R&S	FSP40	100503	2018-11-15
8	AMPLIFIER	QuieTek	QTK	CHM/0809065	2018-11-15
9	RF Cable-R03m	Jye Bao	RG142	CB021	2018-06-16
10	RF Cable-HIGH	SUHNER	SUCOFLEX 106	03CH03-HY	2018-06-16

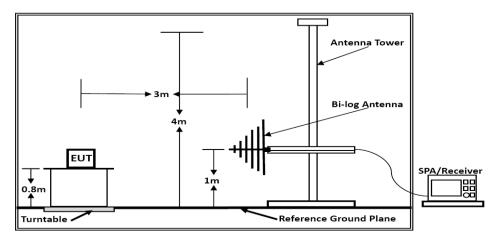
Test Item: Electrostatic Discharge					
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	ESD Simulator	SCHLODER	SESD 230	604035	2018-07-02

Test	Test Item: RF Field Strength Susceptibility					
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	
1	RS Test Software	Tonscend	/	/	2018-06-16	
2	ESG Vector Signal Generator	Agilent	E4438C	MY42081396	2018-11-15	
3	3m Semi Anechoic Chamber	SIDT FRANKONIA	SAC-3M	03CH03-HY	2018-06-16	
4	RF POWER AMPLIFIER	OPHIR	5225R	1052	NCR	
5	RF POWER AMPLIFIER	OPHIR	5273F	1019	NCR	
6	Stacked Broadband Log Periodic Antenna	SCHWARZBECK	STLP 9128	9128ES-145	NCR	
7	Stacked Mikrowellen LogPer Antenna	SCHWARZBECK	STLP 9149	9149-484	NCR	
8	Electric field probe	Narda S.TS./PMM	EP601	611WX80208	2018-03-26	
Note	Note: NCR means no calibration requirement					

Test	Test Item: Power Frequency Magnetic Field Susceptibility				
Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.
1	Power frequency mag-field generator System	EVERFINE	EMS61000-8K	906003	2018-06-16

4. RADIATED EMISSION MEASUREMENT

4.1. Block Diagram of Test Setup



Below 1GHz

4.2. Test Standard

EN 55032: 2015 Class B

All emanations from a class B device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified below:

Limits for Radiated Emission Below 1GHz						
Frequency Distance Field Strengths Limit (MHz) (Meters) (dBµV/m)						
30 ~ 230 3 40						
230 ~ 1000						

^{***}Note:

4.3. EUT Configuration on Test

The EN 55032 regulations test method must be used to find the maximum emission during radiated emission measurement.

4.4. Operating Condition of EUT

- 1) Turn on the power.
- 2) Let the EUT work in the test mode (1) and measure it.

⁽¹⁾ The smaller limit shall apply at the combination point between two frequency bands.

⁽²⁾ Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the EUT.

4.5. Test Procedure

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 a antenna tower. The antenna can be moved up and down from 1 to 4 meters to find out the maximum emission level. By-log antenna is used as a receiving antenna. Both horizontal and vertical polarization of the antenna is set on test.

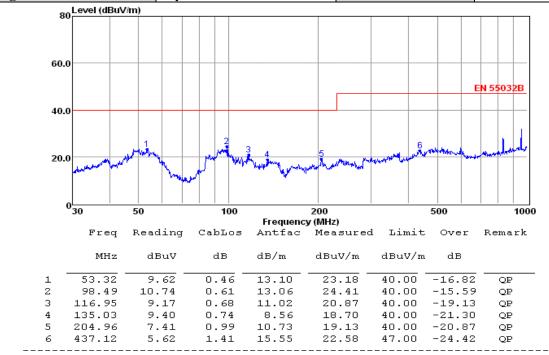
The bandwidth of the EMI test receiver is set at RBW/VBW=120kHz/1000kHz. The frequency range from 30MHz to 1000MHz is checked.

4.6. Test Results

PASS.

The test result please refer to the next page.

Test Model	XW-DC-01	Test Mode	Mode 1
Environmental Conditions	23.8℃, 53.7% RH	Detector Function	Quasi-peak
Pol.	Vertical	Distance	3m
Test Engineer	Iav Li		



Note: 1. All readings are Quasi-peak values.

2. Measured= Reading + Antenna Factor + Cable Loss

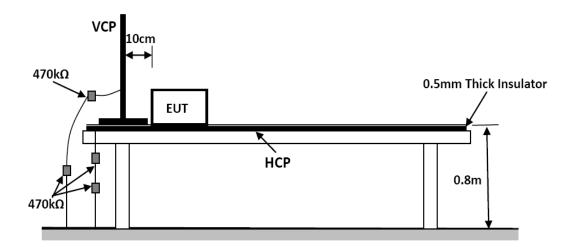
The emission that are 20db below the official limit are not

t Model		XW	-DC-01		Test	Mode		Mode 1
ironmental (Condition	s 23.8	23.8℃, 53.7% RH		Dete	Detector Function		Quasi-peak
		Hor	izontal		Dista	ance		3m
Engineer		Jay	Li					
80	Level (dBuV	/m)			•			
60.0 40.0 20.0)	marina	a order browning	Who was a standard of the stan	anne she to be determined	5 market		N 55032B
•	030	50	100		200		500	1000
	Freq	Reading	CabLos	Frequency Antfac	(MHz) Measured	Limit	Over	Remark
	MHz	dBuV	dВ	dB/m	dBuV/m	dBuV/m	dВ	
1	38.75	1.03	0.38	13.26	14.67	40.00	-25.33	QP
2	56.20	-1.32	0.47	12.94	12.09		-27.91	QP
3	115.32	9.97	0.68	11.31	21.96		-18.04	QP
4	255.62	3.23	1.02	12.06			-30.69	_
5	329.04	2.80		13.69	17.66			QP
6	519.06	2.39	1.47	16.94	20.80	47.00	-26.20	QP

2. Measured= Reading + Antenna Factor + Cable Loss
3. The emission that are 20db below the official limit are not reported Remark: Pre-San all mode, Thus record worse case mode result in this report

5. ELECTROSTATIC DISCHARGE IMMUNITY TEST

5.1. Block Diagram of Test Setup



5.2. Test Standard

EN 55035: 2017 (EN 61000-4-2: 2009, Severity Level: 3 / Air Discharge: \pm 8KV, Level: 2 /

Contact Discharge: $\pm 4KV$)

5.3. Severity Levels and Performance Criterion

5.3.1. Severity level

Y 1	Test Voltage	Test Voltage
Level	Contact Discharge (KV)	Air Discharge (KV)
1	±2	± 2
2	<u>±</u> 4	±4
3	±6	± 8
4	± 8	±15
X	Special	Special

5.3.2. Performance Criterion Performance Criterion: B

5.4. EUT Configuration on Test

The configuration of EUT is listed in Section 4.3.

5.5. Operating Condition of EUT

Same as conducted emission measurement, which is listed in Section 3.2. Except the test set up replaced by Section 5.1.

5.6. Test Procedure

5.6.1. Air Discharge

This test is done on a non-conductive surface. The round discharge tip of the discharge electrode shall be approached as fast as possible to touch the EUT. After each discharge, the discharge electrode shall be removed from the EUT. The generator is then re-triggered for a new single discharge and repeated 10 times for each pre-selected test point. This procedure shall be repeated until all the air discharge completed

5.6.2. Contact Discharge

All the procedure shall be same as Section 5.6.1. Except that the tip of the discharge electrode shall touch the EUT before the discharge switch is operated.

5.6.3. Indirect Discharge For Horizontal Coupling Plane

At least 10 single discharges (in the most sensitive polarity) shall be applied at the front edge of each HCP opposite the center point of each unit (if applicable) of the EUT and 0.1m from the front of the EUT. The long axis of the discharge electrode shall be in the plane of the HCP and perpendicular to its front edge during the discharge.

5.6.4. Indirect Discharge For Vertical Coupling Plane

At least 10 single discharge (in the most sensitive polarity) shall be applied to the center of one vertical edge of the coupling plane. The coupling plane, of dimensions 0.5m X 0.5m, is placed parallel to, and positioned at a distance of 0.1m from the EUT. Discharges shall be applied to the coupling plane, with this plane in sufficient different positions that the four faces of the EUT are completely illuminated.

5.7. Test Results

PASS.

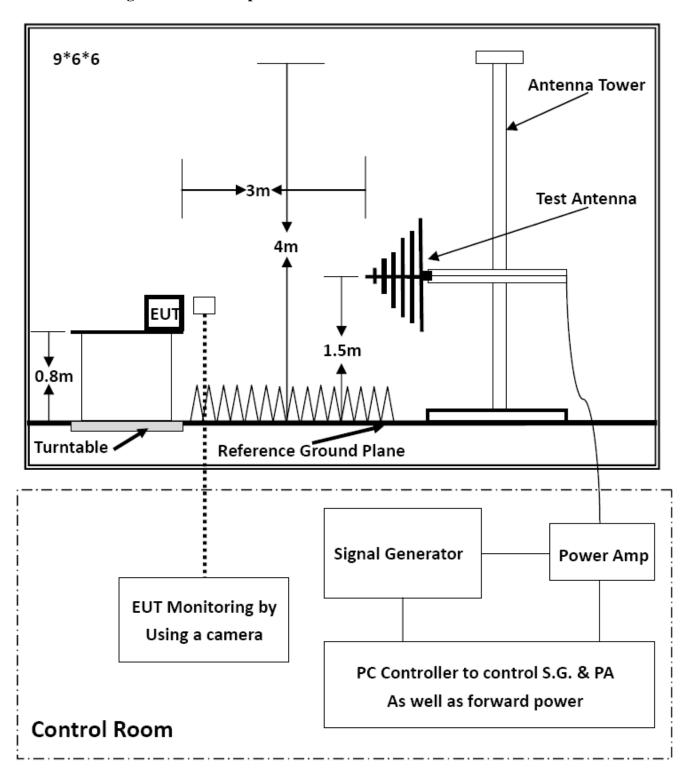
The test result please refer to the next page.

Electrostatic Discharge Test Results					
Standard	☐ IEC 61000-4-2 ☐ EN 61000-4-2	2			
Applicant	ShenZhen XiangWei Measurement and Control Technology Co., Ltd				
EUT	Point type liquid leakage sensor	Temperature	22.3℃		
M/N	XW-DC-01	Humidity	53.5%		
Criterion	В	Pressure	1021mbar		
Test Mode	Mode 1	Test Engineer	Jay Li		

		A	ir Discharge			
		Test Levels			Result	ts
Test Points	± 2kV	± 4kV	± 8kV	Passed	Fail	Performance
					ran	Criterion
Front						□A ⊠B
Back	\boxtimes					□A ⊠B
Left	\boxtimes					□A ⊠B
Right	\boxtimes	\boxtimes	\boxtimes			□A ⊠B
Тор	\boxtimes	\boxtimes	\square	\boxtimes		□A ⊠B
Bottom	\boxtimes	\boxtimes		\square		□A ⊠B
		Con	tact Dischar	ge		
		Test Levels			Result	
Test Points	± 2 kV		±4 kV	Passed	Fail	Performance Criterion
Front	\boxtimes		\boxtimes	\boxtimes		\square A \boxtimes B
Back	\boxtimes		\boxtimes			\square A \boxtimes B
Left	\boxtimes		\boxtimes	\boxtimes		\square A \boxtimes B
Right	\boxtimes		\boxtimes	\boxtimes		$\square A \boxtimes B$
Тор	\boxtimes		\boxtimes	\boxtimes		$\square A \boxtimes B$
Bottom	\boxtimes		\boxtimes	\boxtimes		□A ⊠B
	Dis	charge To H	Iorizontal Co	oupling Plan	e	
	Test Levels			Result	ts	
Side of EUT	± 2 kV		± 4 kV	Passed	Fail	Performance Criterion
Front	\boxtimes		\boxtimes			□A ⊠B
Back	\boxtimes		\boxtimes	\boxtimes		□A ⊠B
Left	\boxtimes		\boxtimes	\boxtimes		□A ⊠B
Right	\boxtimes		\boxtimes	\boxtimes		□A ⊠B
Discharge To Vertical Coupling Plane						
	Test Levels		Results			
Side of EUT	± 2 kV		± 4 kV	Passed	Fail	Performance Criterion
Front	\boxtimes		\boxtimes	\boxtimes		□A ⊠B
Back	\boxtimes		\boxtimes	\boxtimes		□A ⊠B
Left	\boxtimes		\boxtimes	\boxtimes		□A ⊠B
Right	\boxtimes		\boxtimes	\boxtimes		□A ⊠B

6. RF FIELD STRENGTH SUSCEPTIBILITY TEST

6.1. Block Diagram of Test Setup



6.2. Test Standard

EN 55035: 2017 (EN 61000-4-3: 2006+A2: 2010 Severity Level: 2, 3V/m)

6.3. Severity Levels and Performance Criterion

6.3.1. Severity level

Level	Field Strength (V/m)
1	1
2	3
3	10
X	1

6.3.2. Performance Criterion

Performance Criterion: A

6.4. EUT Configuration on Test

The configuration of EUT is listed in Section 4.3.

6.5. Operating Condition of EUT

Same as radiated emission measurement, which is listed in Section 5.1, except the test setup replaced as Section 6.1.

6.6. Test Procedure

The EUT are placed on a table, which is 0.8 meter high above the ground. The EUT is set 3 meters away from the transmitting antenna, which is mounted on an antenna tower. Both horizontal and vertical polarization of the antenna is set on test. Each of the four sides of the EUT must be faced this transmitting antenna and measured individually.

In order to judge the EUT performance, a CCD Recording is used to monitor its screen. All the scanning conditions are as following:

<u> </u>	
Condition of Test	Remark
Fielded Strength	3 V/m (Severity Level 2)
Radiated Signal	Unmodulated
Test Frequency Range (swept test)	80-1000MHz
Test Frequency (spot test)	1800MHz, 2600MHz, 3500MHz, 5000MHz
Dwell time of radiated	0.0015 decade/s
Waiting Time	3 Sec.

6.7. Test Results

PASS.

The test result please refer to the next page.

RF Field Strength Susceptibility Test Results				
Standard	☐ IEC 61000-4-3 ☑ EN 61000-4-3			
Applicant	ShenZhen XiangWei Measurement and	d Control Technolog	gy Co., Ltd	
EUT	Point type liquid leakage sensor	Temperature	23.7℃	
M/N	XW-DC-01	Humidity	52.4%	
Field Strength	3 V/m	Criterion	A	
Test Mode	Mode 1	Test Engineer	Jay Li	
Test Frequency	80MHz to 1000MHz (swept test) 1800MHz, 2600MHz, 3500MHz, 5000MHz (spot test)			
Modulation	□None □ Pulse	☑AM 1KHz 80%		
Steps	1%			

	Horizontal	Vertical
Front	PASS	PASS
Right	PASS	PASS
Rear	PASS	PASS
Left	PASS	PASS

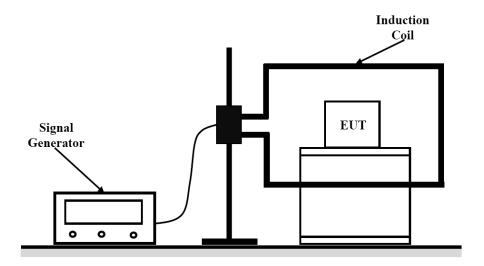
Test Equipment:

- 1. Signal Generator: 2031 (MARCONI)
- 2. Power Amplifier: 500A100 & 100W/1000M1 (A&R)
- 3. Power Antenna: 3108 (EMCO) & AT1080 (A&R)
- 4. Field Monitor: FM2000 (A&R)

Note:

7. MAGNETIC FIELD SUSCEPTIBILITY TEST

7.1. Block Diagram of Test Setup



7.2. Test Standard

EN 55035: 2017 (EN 61000-4-8: 2010, Severity Level: Level 1, 1A/m)

7.3. Severity Levels and Performance Criterion

7.3.1. Severity level

Level	Field Strength (A/m)
1	1
2	3
3	10
4	30
5	100
X	Special

7.3.2. Performance Criterion

Performance Criterion: A

7.4. EUT Configuration on Test

The configuration of EUT is listed in Section 3.4.

7.5. Test Procedure

The EUT is placed in the middle of a induction coil (1*1m), under which is a 1*1*0.1m (high) table, this small table is also placed on a larger table, 0.8 m above the ground. Both horizontal and vertical polarization of the induction coil is set on test, so that each side of the EUT is affected by the magnetic field. Also can reach the same aim by change the position of the EUT.

7.6. Test Results

PASS.

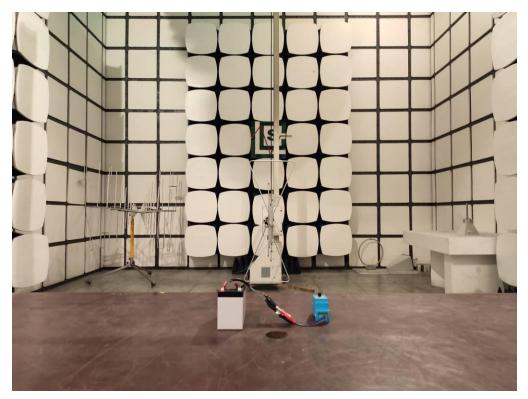
The test result please refer to the next page.

Magnetic Field Immunity Test Result				
Standard	□ IEC 61000-4-8 □ EN 61000-4-8			
Applicant	ShenZhen XiangWei Measurement and Control Technology Co., Ltd			
EUT	Point type liquid leakage sensor	24.2℃		
M/N	XW-DC-01	Humidity	52.6%	
Test Mode	Mode 1	Criterion	A	
Test Engineer	Jay Li			

Test Level (A/M)	Testing Duration	Coil Orientation	Criterion	Result
1	5 mins	X	A	PASS
1	5 mins	Y	A	PASS
1	5 mins	Z	A	PASS

Note:

8. PHOTOGRAPHS OF TEST SETUP



Test Setup Photo of Radiated Measurement (30MHz~1GHz)



Test Setup Photo of Electrostatic Discharge Test



Test Setup Photo of RF Electromagnetic Field Measurement



Test Setup Photo of Magnetic Field Immunity Test

9. PHOTOGRAPHS OF THE EUT

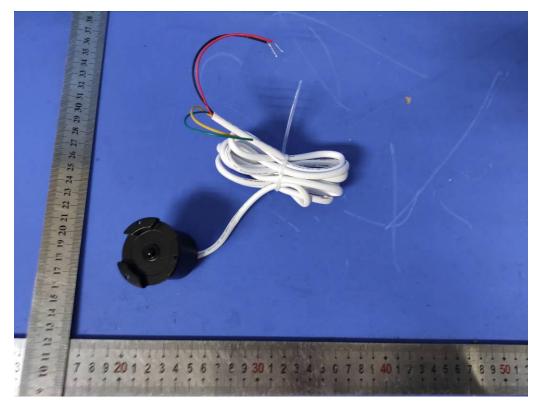


Fig. 1



Fig. 2

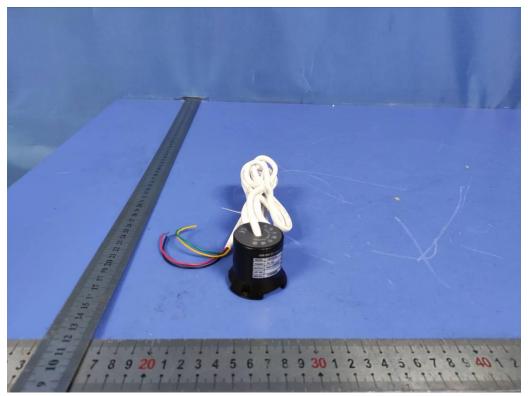


Fig. 3

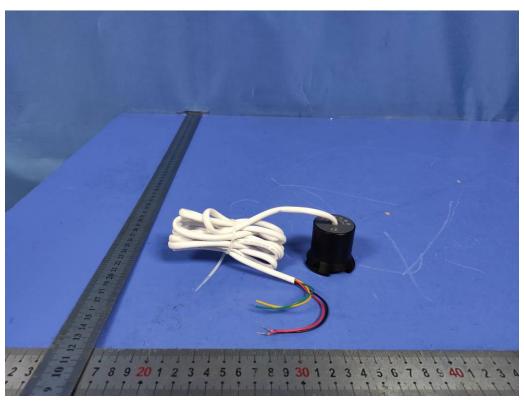


Fig. 4

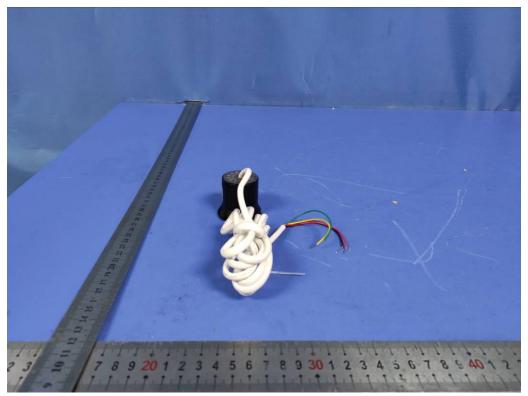


Fig. 5

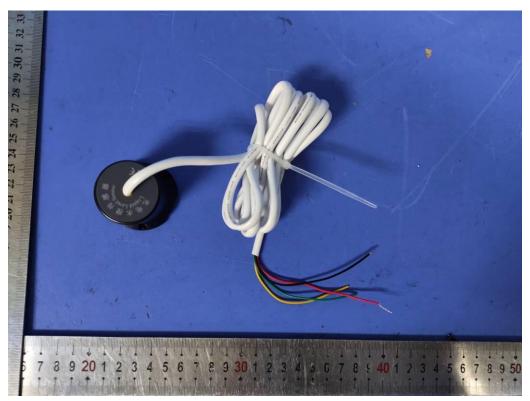


Fig. 6

----- THE END OF TEST REPORT -----