

EMC Test Report

Application No. : TB200324999
Applicant : Shen Zhen Woody Vapes Technology Co., Ltd.
Equipment Under Test (EUT)
EUT Name : Drag S
Model No. : Drag S
Series Model No. : N/A
Brand Name : VOOPOO
Receipt Date : 2020-03-30
Test Date : 2020-03-30 to 2020-03-31
Issue Date : 2020-03-31
Standards : EN 61000-6-3:2007+A1:2011
EN 61000-6-1:2007
Conclusions : **PASS**

In the configuration tested, the EUT complied with the standards specified above
The EUT technically complies with the 2014/30/EU directive requirements

Test/Witness Engineer :

Rebecca

Engineer Supervisor :

IVAN

Engineer Manager :

Ray Lai



This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in the report.

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Revision History

Report No.	Version	Description	Issued Date
TB-EMC172190	Rev.01	Initial issue of report	2020-03-31

1. General Information

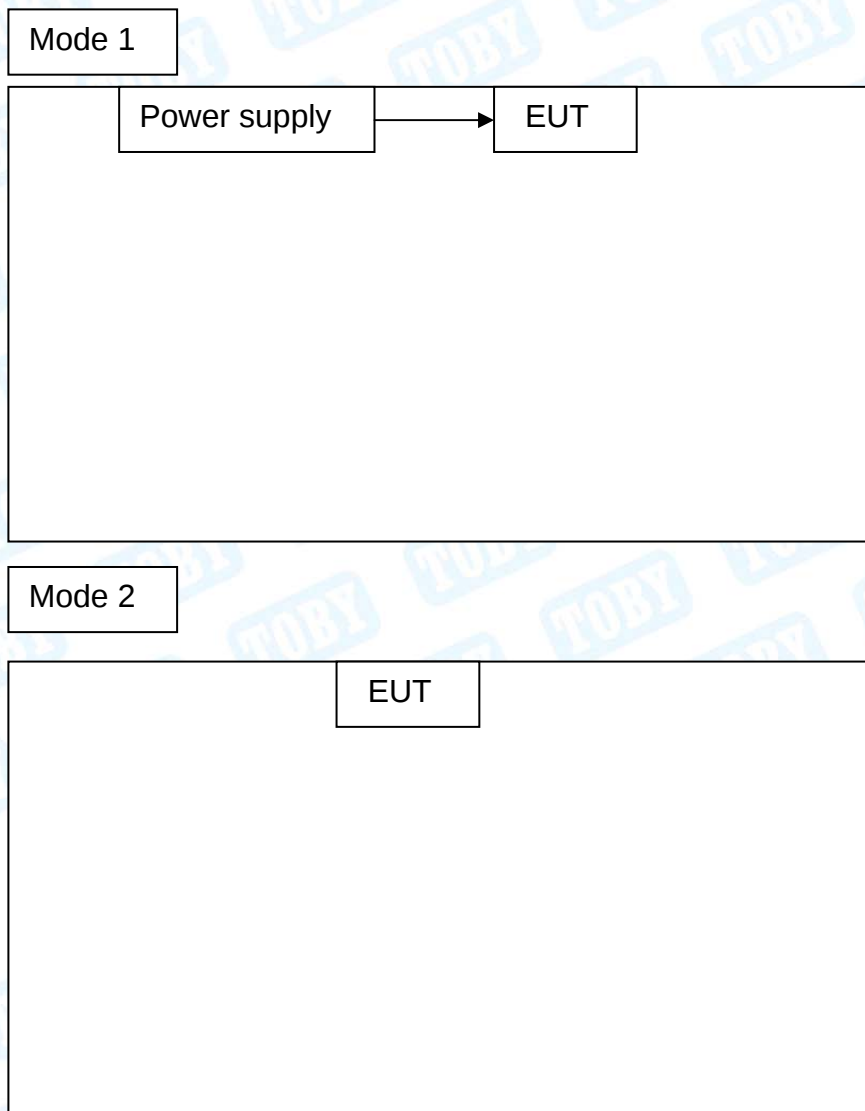
1.1. Client Information

Applicant	:	Shen Zhen Woody Vapes Technology Co., Ltd.
Address	:	Block 1, Shapuyangyong Industry Park, Songgang, Bao'an District, Shenzhen, Guangdong, China.
Manufacturer	:	Shen Zhen Woody Vapes Technology Co., Ltd.
Address	:	Block 1, Shapuyangyong Industry Park, Songgang, Bao'an District, Shenzhen, Guangdong, China.

1.2. General Description of EUT (Equipment Under Test)

EUT Name	:	Drag S
Model(s)	:	Drag S
Model Difference	:	N/A
Brand Name	:	VOOPOO
Power supply	:	DC 5V from USB Cable DC 3.7V from Li-ion battery

1.3. Block Diagram Showing The Configuration of System Tested



1.4. Description of Support Units

Name	Model	S/N	Manufacturer	Used “√”
Power supply	PH1200200D	----	HUAWEI	√

1.5. Description of Operating Mode

To investigate the maximum EMI emission characteristics generated from EUT, the test system was pre-scanning tested based on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	Charging Mode
Mode 2	Normal Mode

The EUT system operated these modes were found to be the worst case during the pre-scanning test as Following:

For EMI Test	
Final Test Mode	Description
Mode 1	Charging Mode
Mode 2	Normal Mode
For EMS Test	
Final Test Mode	Description
Mode 1	Charging Mode
Mode 2	Normal Mode

1.6. Performance Criterion

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 manufacturer when the equipment is used as intended.

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 manufacturer, when the equipment is used as intended.

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 manufacturer's instructions.

1.7. Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

Test	Parameters	Expanded Uncertainty (U_{Lab})	Expanded Uncertainty (U_{Cispr})
Conducted Emission	Level Accuracy: 9kHz~150kHz 150kHz to 30MHz	± 3.42 dB ± 3.42 dB	± 4.0 dB ± 3.6 dB
Radiated Emission	Level Accuracy: 9kHz to 30 MHz	± 4.60 dB	N/A
Radiated Emission	Level Accuracy: 30MHz to 1000 MHz	± 4.40 dB	± 5.2 dB
Radiated Emission	Level Accuracy: Above 1000MHz	± 4.20 dB	N/A
Mains Harmonic	Voltage	$\pm 3.11\%$	N/A
Voltage Fluctuations & Flicker	Voltage	$\pm 3.25\%$	N/A

1.8. Test Facility

The testing report were performed by the Shenzhen Toby Technology Co., Ltd., in their facilities located at 1A/F., Bldg.6, Yusheng Industrial Zone, The National Road No.107 Xixiang Section 467, Xixiang, Bao'an, Shenzhen, Guangdong, China. At the time of testing, the following bodies accredited the Laboratory:

CNAS (L5813)

The Laboratory has been accredited by CNAS to ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories for the competence in the field of testing. And the Registration No.: CNAS L5813.

A2LA Certificate No.: 4750.01

The laboratory has been accredited by American Association for Laboratory Accreditation(A2LA) to ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories for the technical competence in the field of Electrical Testing. And the A2LA Certificate No.: 4750.01.

IC Registration No.: (11950A-1)

The Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing. The site registration: Site# 11950A-1.

2. TEST Results Summary

EMISSION		
Description of test items	Standards	Results
Conducted disturbance at mains terminals	EN 61000-6-3:2007+A1:2011	N/A
Radiated Disturbance	EN 61000-6-3:2007+A1:2011	Pass
Harmonic current emissions	EN 61000-3-2: 2014	N/A
Voltage fluctuation and flicker	EN 61000-3-3: 2013	N/A
IMMUNITY		
Description of test items	Standards	Results
Electrostatic Discharge (ESD)	EN 61000-4-2: 2009	Pass
Radio-frequency, Continuous radiated disturbance	EN 61000-4-3: 2006+A1: 2008 +A2:2010	Pass
EFT/B Immunity	EN 61000-4-4: 2012	N/A
Surge Immunity	EN 61000-4-5: 2014	N/A
Conducted RF Immunity	EN 61000-4-6: 2014	N/A
Power frequency magnetic field	EN 61000-4-8: 2010	N/A
Voltage dips, >95% reduction	EN 61000-4-11: 2004	N/A
Voltage dips, 30% reduction		
Voltage interruptions		
Note: N/A is an abbreviation for Not Applicable.		

3. Test Equipment Used

Radiation Emission Test					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 13, 2019	Jul. 12, 2020
EMI Test Receiver	Rohde & Schwarz	ESCI	100010/007	Jul. 13, 2019	Jul. 12, 2020
Bilog Antenna	ETS-LINDGREN	3142E	00117537	Mar. 07, 2020	Mar. 06, 2021
Horn Antenna	ETS-LINDGREN	3117	00143207	Mar. 01, 2020	Feb. 29, 2021
Pre-amplifier	HP	11909A	185903	Mar. 07, 2020	Mar. 06, 2021
Pre-amplifier	HP	8449B	3008A00849	Mar. 01, 2020	Feb. 29, 2021
Cable	HUBER+SUHNER	100	SUCOFLEX	Mar. 07, 2020	Mar. 06, 2021
Signal Generator	Rohde & Schwarz	SML03	IKW682-054	Mar. 07, 2020	Mar. 06, 2021
Positioning Controller	ETS-LINDGREN	2090	N/A	N/A	N/A
Discharge Immunity Test					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
ESD Tester	TESEQ	NSG437	304	Jul. 13, 2019	Jul. 12, 2020
Radiated Immunity Test					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
Signal Generator	Rohde & Schwarz	SMT03	200754	Mar. 07, 2020	Mar. 06, 2021
Power Meter	Rohde & Schwarz	NRVD	110562	Jan. 10, 2020	Jan. 09, 2021
Voltage Probe	Rohde & Schwarz	URV5-Z2	12056	Jan. 10, 2020	Jan. 09, 2021
Voltage Probe	Rohde & Schwarz	URV5-Z2	12074	Jan. 10, 2020	Jan. 09, 2021
RF Amplifier	AR	50S1G4A	326720	Jan. 10, 2020	Jan. 09, 2021
RF power Amplifier	SKET	HAP_0306 G-50W	SK201506018	Jan. 10, 2020	Jan. 09, 2021
Bilog Antenna	ETS	3142C	00047662	Jan. 10, 2020	Jan. 09, 2021
Horn Antenna	ARA	DRG-118A	16554	Jan. 10, 2020	Jan. 09, 2021

4. Radiated Emission Test

4.1. Test Standard and Limit

4.1.1. Test Standard

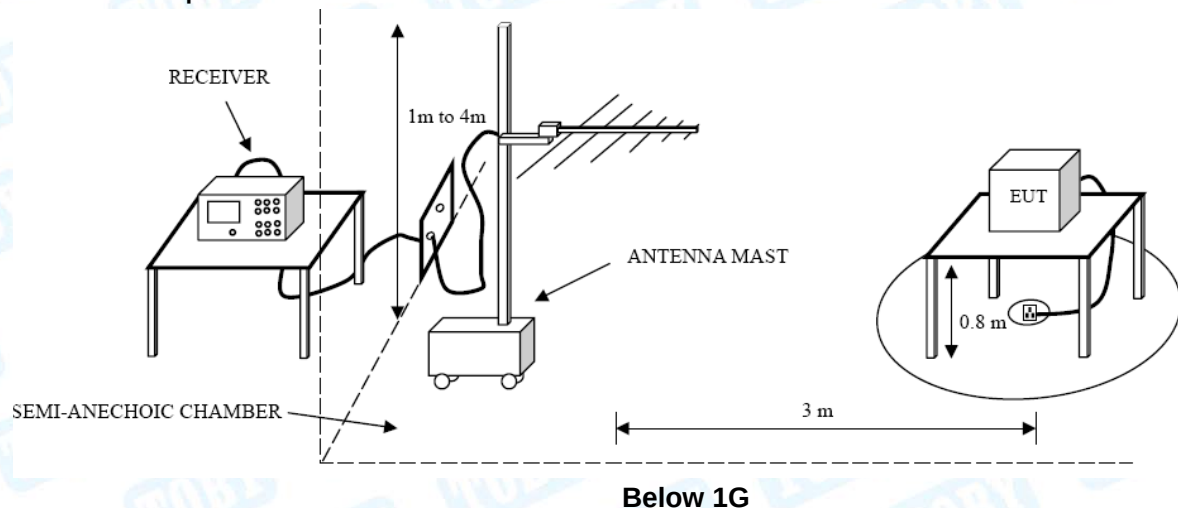
EN 61000-6-3:2007+A1:2011

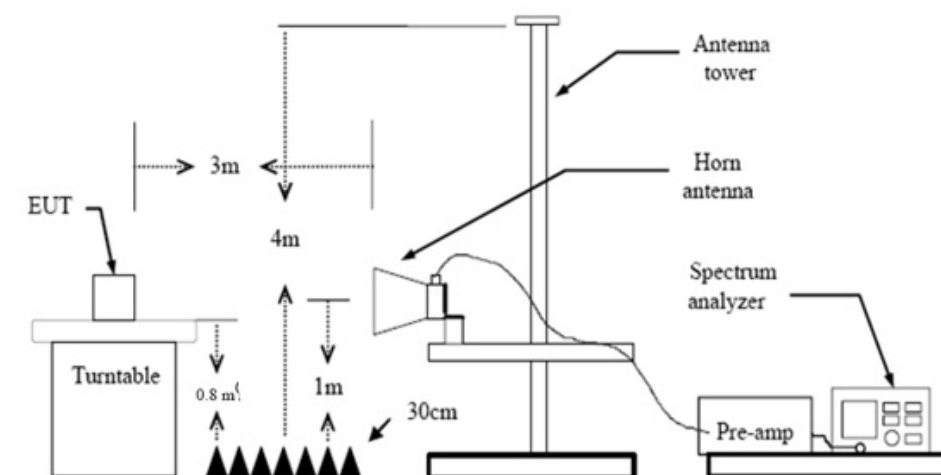
4.1.2. Test Limit

Radiated Disturbance Test Limit

Radiated Disturbance Test Limit-Below 1G		
Frequency (MHz)	Limit (dBμV/m)	
	Quasi-peak Level	
30~230	40	
230~1000	47	
Remark: 1. The lower limit shall apply at the transition frequency. 2. The test distance is 3m.		
Radiated Disturbance Test Limit-Above 1G		
Frequency (GHz)	Limit (dBμV/m)	
	Peak Level	Average Level
1~3	70	50
3~16	74	54
if the highest internal frequency of the EUT is less than 108 MHz, the measurement shall only be made up to 1GHz.		
if the highest internal frequency of the EUT is between 108 MHz and 500 MHz, the measurement shall only be made up to 2GHz.		
if the highest internal frequency of the EUT is between 500MHz and 1GHz, the measurement shall only be made up to 5GHz.		
if the highest internal frequency of the EUT is above 1GHz, the measurement shall be made up to 6GHz.		

4.2. Test Setup





Above 1G

4.3. Test Procedure

The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3m. The table was rotated 360 degrees to determine the position of the highest radiation.

The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

The initial step in collecting radiated emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range.

If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.

4.4. Deviation From Test Standard

No deviation

4.5. Test Data

Please refer to the Attachment A.

5. Electrostatic Discharge Immunity Test

5.1. Test Requirements

5.1.1. Test Standard

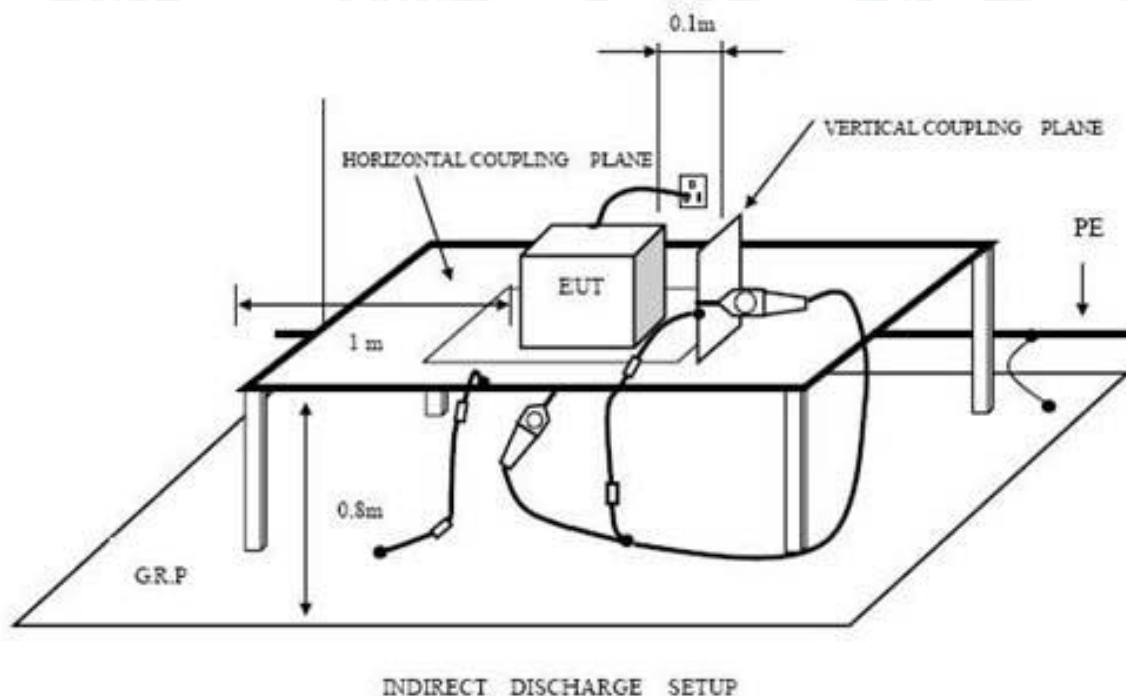
EN 61000-6-1: 2007 (EN 61000-4-2:2009)

5.1.2. Test Level

Discharge Impedance:	330 ohm/ 150pF
Discharge Voltage:	Air Discharge: 2kV/4kV/8kV(Direct) Contact Discharge: 2kV/4kV (Direct /Indirect)
Polarity:	Positive& Negative
Number of Discharge:	Air Discharge: min.20 times at each test point Contact Discharge: min.200 times in total
Discharge Mode:	Single Discharge
Discharge Period:	1 second minimum

5.1.3. Performance criterion: B

5.2. Test Setup



5.3. Test Procedure

5.3.1. 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.

5.3.2. Contact Discharge:

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

5.3.3. 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.

5.3.4. Indirect discharge for vertical coupling plane

At least 10 single discharges (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.

5.4. Deviation From Test Standard

No deviation

5.5. Test Data

Please refer to the Attachment B.

6. Radiated Electromagnetic Field Immunity Test

6.1. Test Requirements

6.1.1. Test Standard

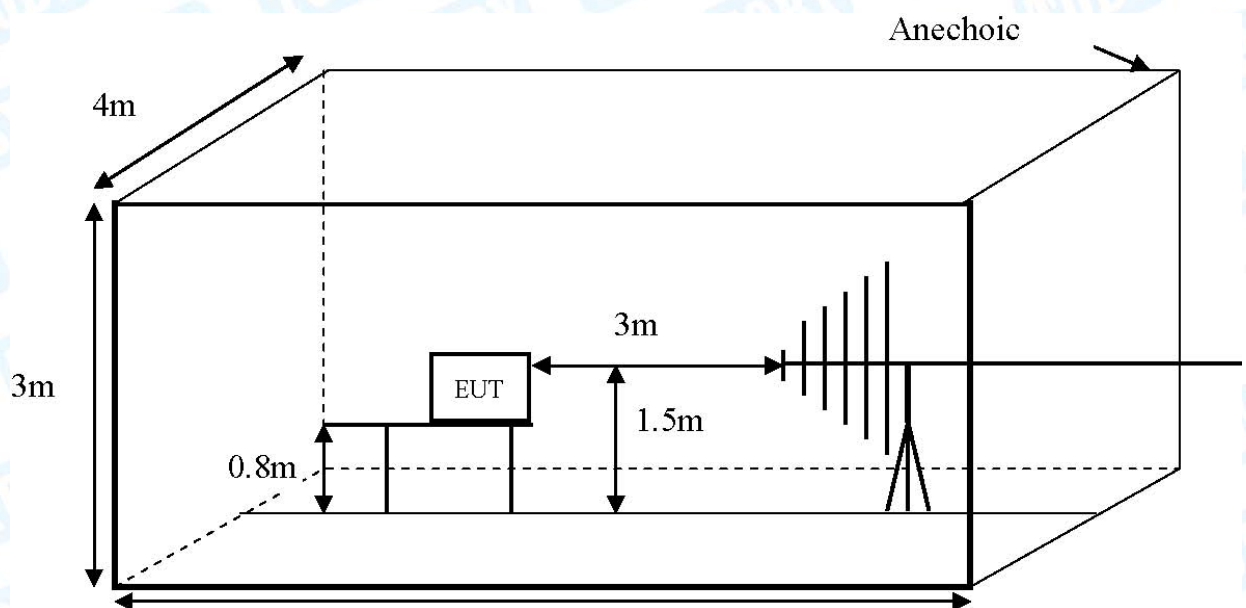
EN 61000-6-1: 2007 (EN 61000-4-3:2006+A1:2008+A2:2010)

6.1.2. Test Level

Test Specification		
80-1000MHz 3 V/m 80 % AM (1kHz)	1400-2000MHz 3 V/m 80 % AM (1kHz)	2000-2700MHz 1 V/m 80 % AM (1kHz)

6.1.3. Performance criterion: A

6.2. Test Setup



6.3. 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 camera is used to monitor its screen.

All the scanning conditions are as following:

Condition of Test	Remark		
	3V/m	3V/m	1V/m
Fielded strength	3V/m	3V/m	1V/m
Radiated signal	Modulated	Modulated	Modulated
Scanning frequency	80-1000MHz	1400-2000MHz	2000-2700MHz
Dwell time	3 Sec.	3 Sec.	3 Sec.

6.4. Deviation From Test Standard

No deviation

6.5. Test Data

Please refer to the Attachment C.

7. Photographs - Constructional Details

Photo 1 Appearance of EUT



Photo 2 Appearance of EUT



Photo 3 Appearance of EUT

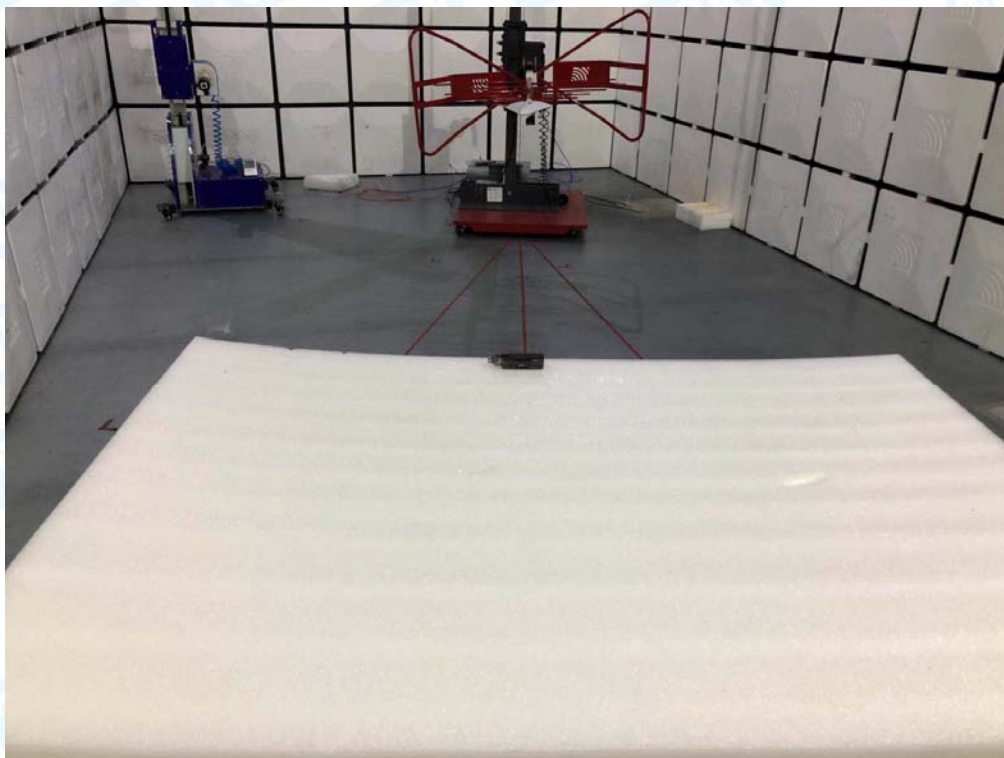


Photo 4 Appearance of EUT

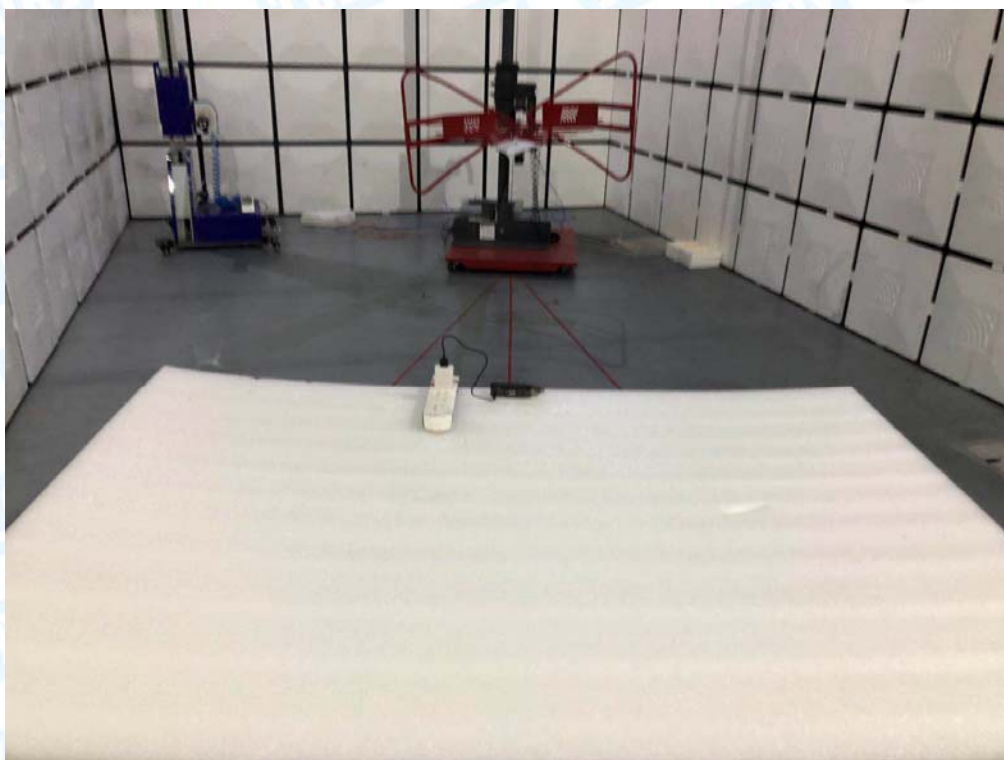


8. Photographs - Test Setup

Radiated Emission Test Setup



Radiated Emission Test Setup



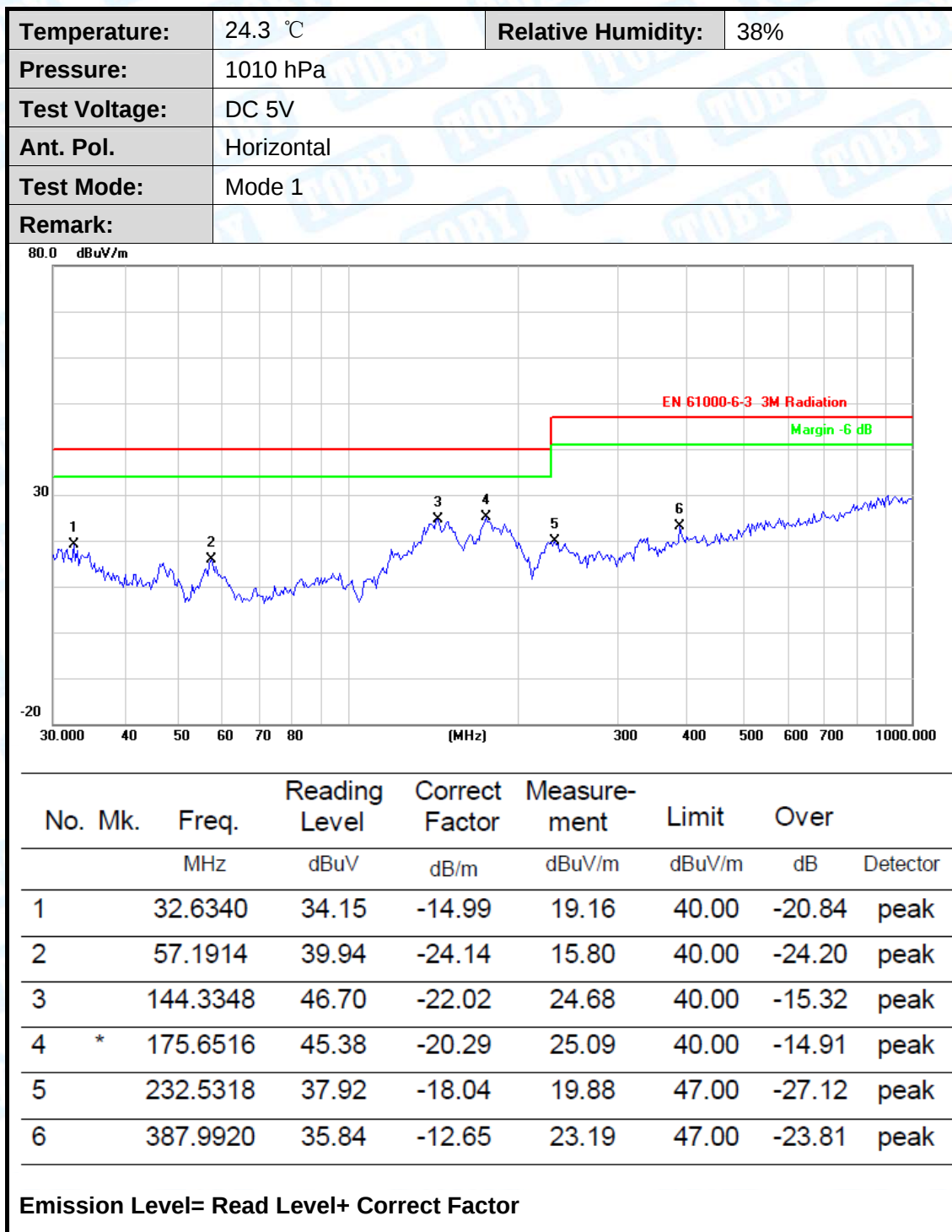
Electrostatic discharge Test Setup

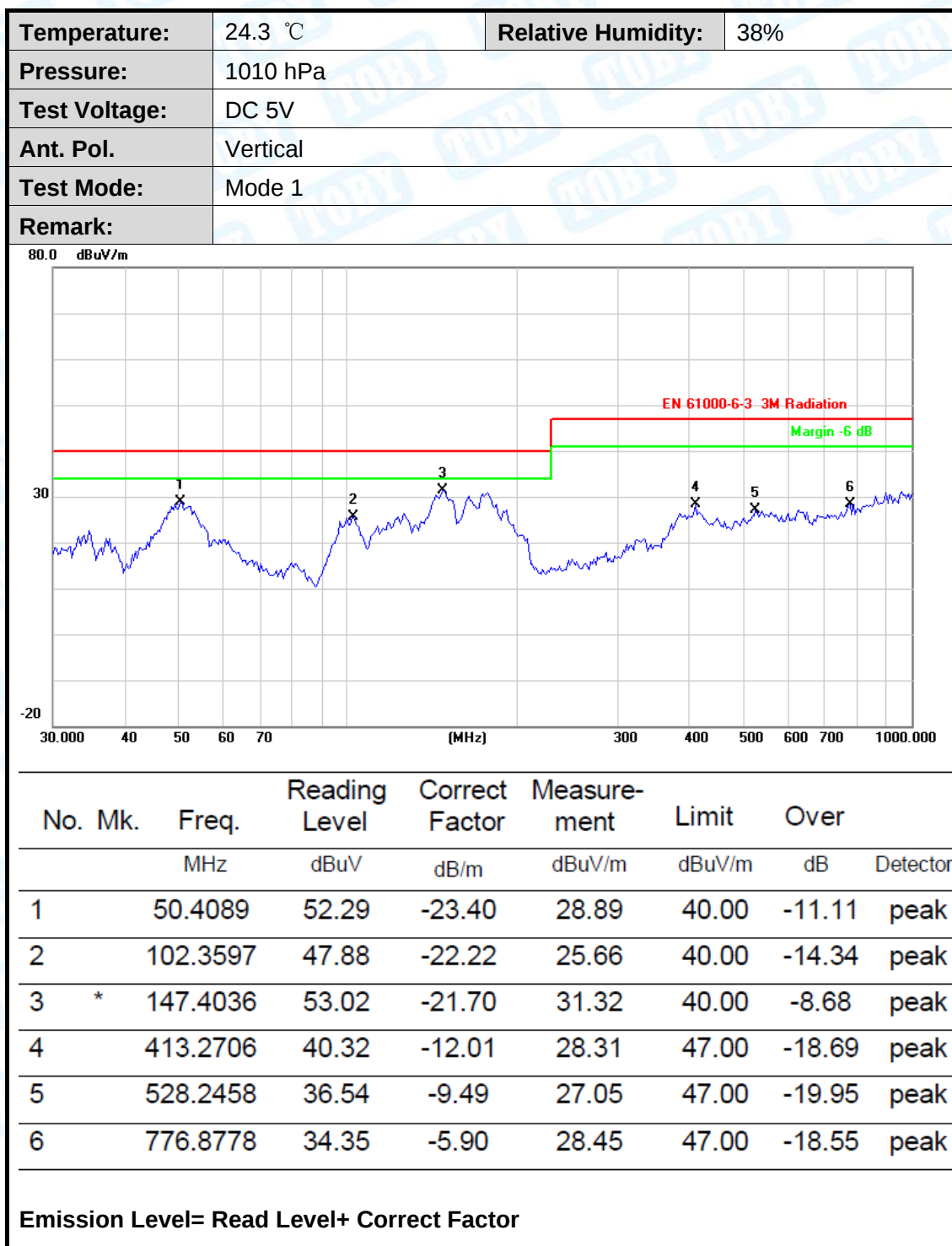


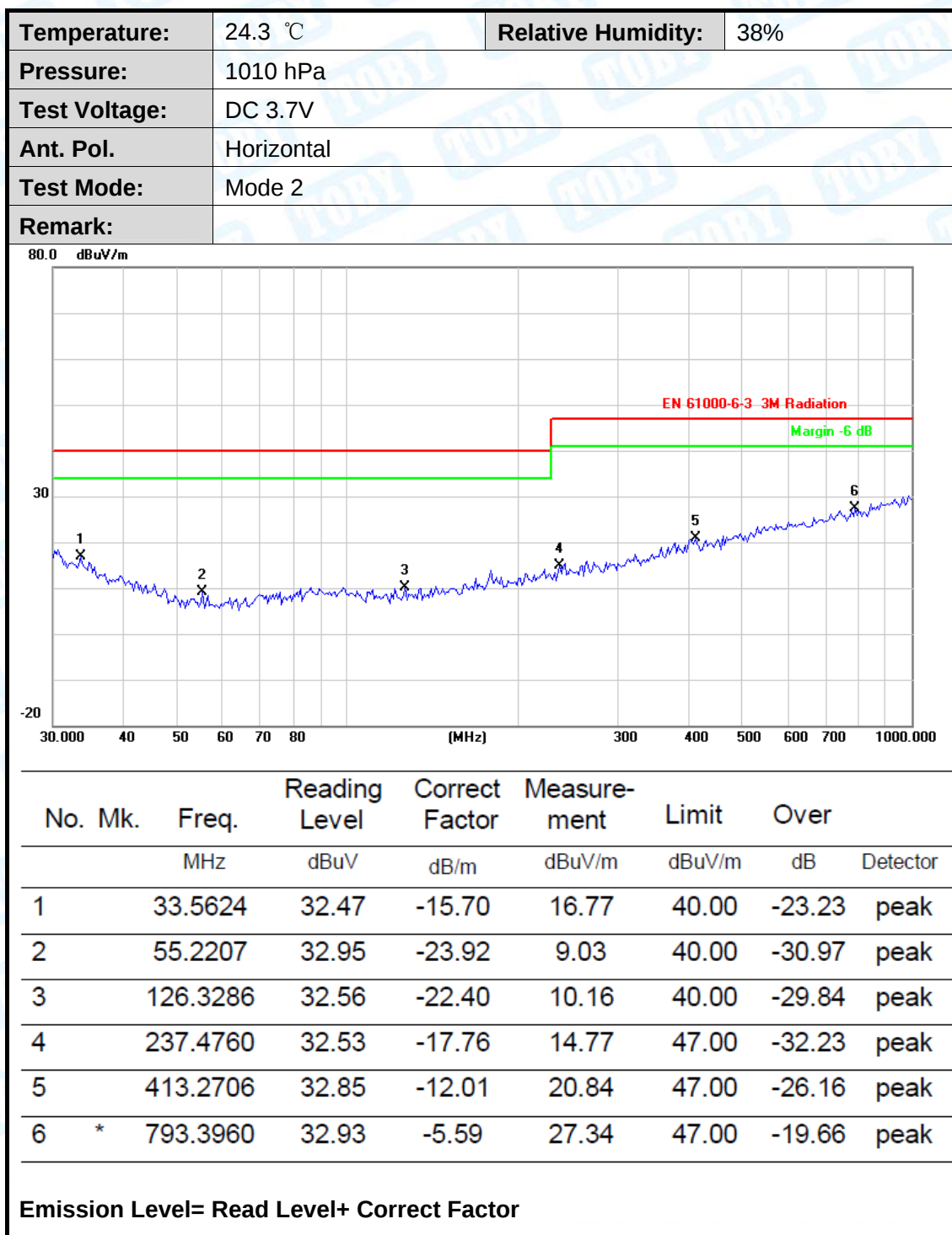
Electrostatic discharge Test Setup

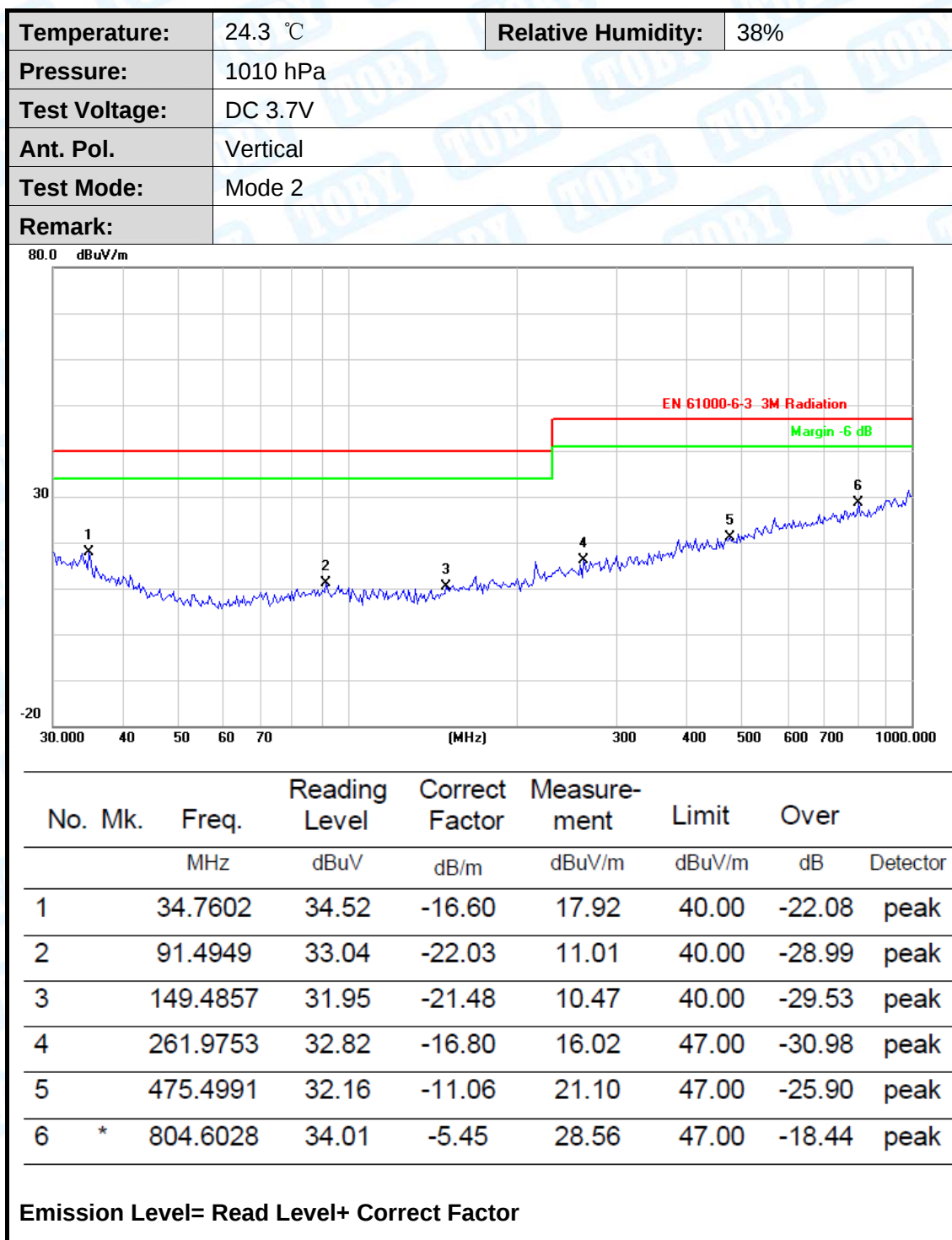


Attachment A--Radiated Emission Test Data (Below 1G)





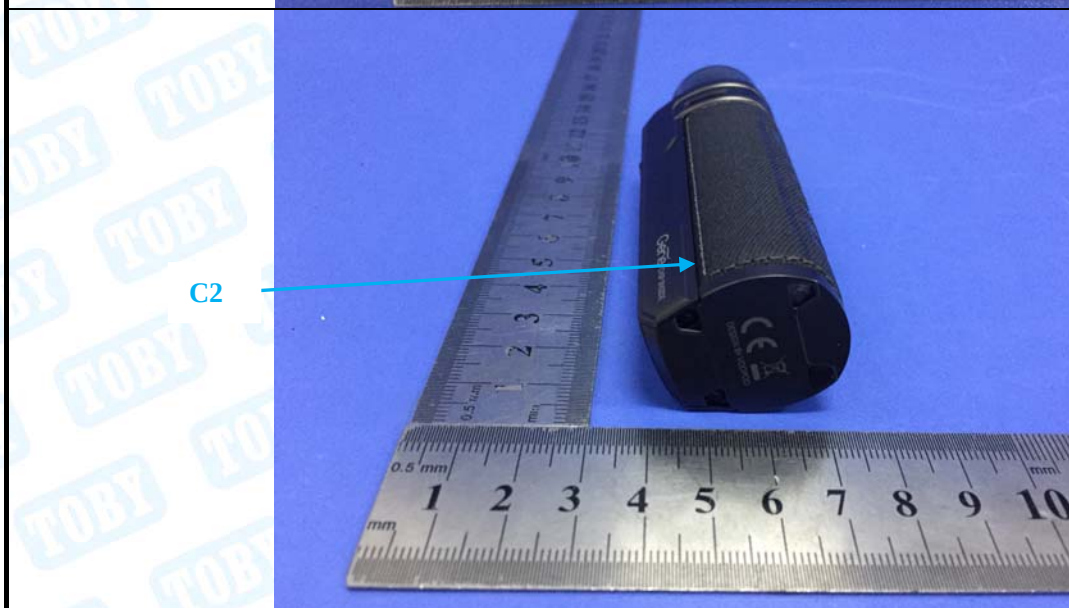
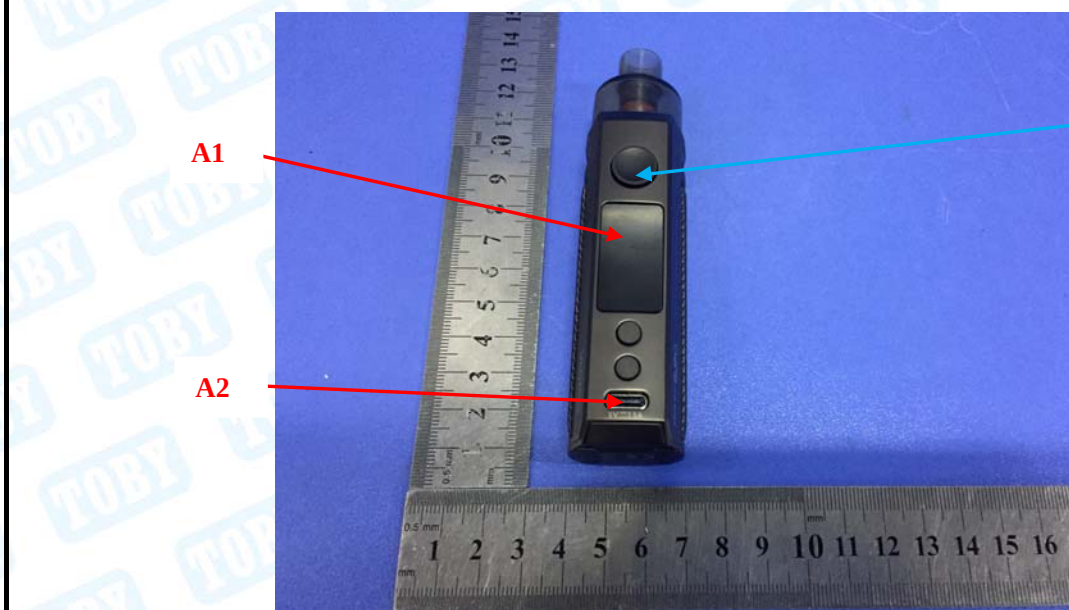




Attachment B--Electrostatic Discharge Test Data

Temperature : 25°C Humidity : 45%			
Power supply : DC 5V/3.7V Test Mode : Mode 1/2			
Required Performance Criteria: B			
Air Discharge: $\pm 2/\pm 4/\pm 8\text{kV}$ Contact Discharge: $\pm 2/\pm 4\text{kV}$			
Location	Test Level (kV)	Judgment	Result
A1	$\pm 2\text{kV} \pm 4\text{kV} \pm 8\text{kV}$	A	PASS
A2		A	
C1	$\pm 2\text{kV} \pm 4\text{kV}$	A	
C2		A	
HCP	$\pm 4\text{kV}$	A	
VCP	$\pm 4\text{kV}$	A	

Test Location Photos



Note:

- 1) Criteria A: There was no change operated with initial operating during the test.
- 2) Criteria B: The EUT function loss during the test, but self-recoverable after the test.
- 3) Criteria C: The system shut down during the test.

Attachment C--RF Field Strength Susceptibility Test Data

Temperature		: 25℃		Humidity		: 45%	
Power supply		: DC5V/3.7V		Test Mode		: Mode 1/2	
Required Performance Criteria: A							
Position	Frequency Range 1		Frequency Range 2		Frequency Range 3		Result
	80~1000MHz		1400~2000MHz		2000~2700MHz		
	Horizontal	Vertical	Horizontal	Vertical	Horizontal	Vertical	
Front	A	A	A	A	A	A	PASS
Right	A	A	A	A	A	A	
Rear	A	A	A	A	A	A	
Left	A	A	A	A	A	A	
Remark:							
1) Criteria A: There was no change operated with initial operating during the test.							
2) Criteria B: The EUT function loss during the test, but self-recoverable after the test.							
3) Criteria C: The system shut down during the test.							

-----END OF REPORT-----



Shenzhen Toby Technology CO.,Ltd.

1A/F, Bldg.6 .Yusheng Industrial Zone, The National Road No.107
Xixiang Section 467, Xixiang, Bao'an, Shenzhen, Guangdong
Tel:0755-26509301 Fax:0755-26509195 www.tobytab.cn



CERTIFICATE OF CONFORMITY

Certificate No.: TB200324999

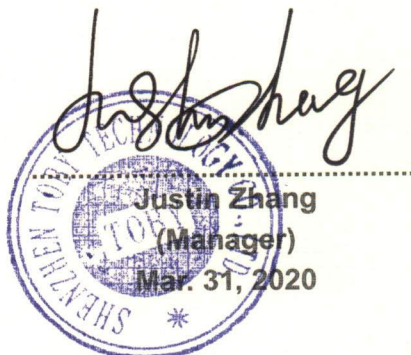
Applicant : Shen Zhen Woody Vapes Technology Co., Ltd.
Address : Block 1, Shapuyangyong Industry Park, Songgang, Bao'an District,
Shenzhen, Guangdong, China.
Manufacturer : Shen Zhen Woody Vapes Technology Co., Ltd.
Address : Block 1, Shapuyangyong Industry Park, Songgang, Bao'an District,
Shenzhen, Guangdong, China.
Product : Drag S
Brand Name : VOOPOO
Model(s) : Drag S

Test Standard(s):

EN 61000-6-3: 2007+A1: 2011;
EN 61000-6-1: 2007.

The EUT described above has been tested by us with the listed standards according to the Council Directive 2014/30/EU relating to electromagnetic compatibility, and found in compliance with all essential requirements of the Directive. It is possible to use CE marking to demonstrate the compliance with the EMC Directive.

The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production. It is only valid in connection with the test report number: TB-EMC172190.



FCC Part 15B Test Report

Report No. : TB-FCC172191
Applicant : Shen Zhen Woody Vapes Technology Co., Ltd.
Equipment Under Test (EUT)
EUT Name : Drag S
Model No. : Drag S
Series Model No. : N/A
Brand Name : VOOPOO
Receipt Date : 2020-03-30
Test Date : 2020-03-30 to 2020-03-31
Issue Date : 2020-03-31
Standards : FCC 47 CFR Part 15 Subpart B
Conclusions : **PASS**

In the configuration tested, the EUT complied with the standards specified above
The EUT technically complies with the FCC requirements

Test/Witness Engineer :

Rebecca

Engineer Supervisor :

Ivan

Engineer Manager :

Ray Lai



This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in the report.

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Revision History

Report No.	Version	Description	Issued Date
TB-FCC172191	Rev.01	Initial issue of report	2020-03-31

1. General Information

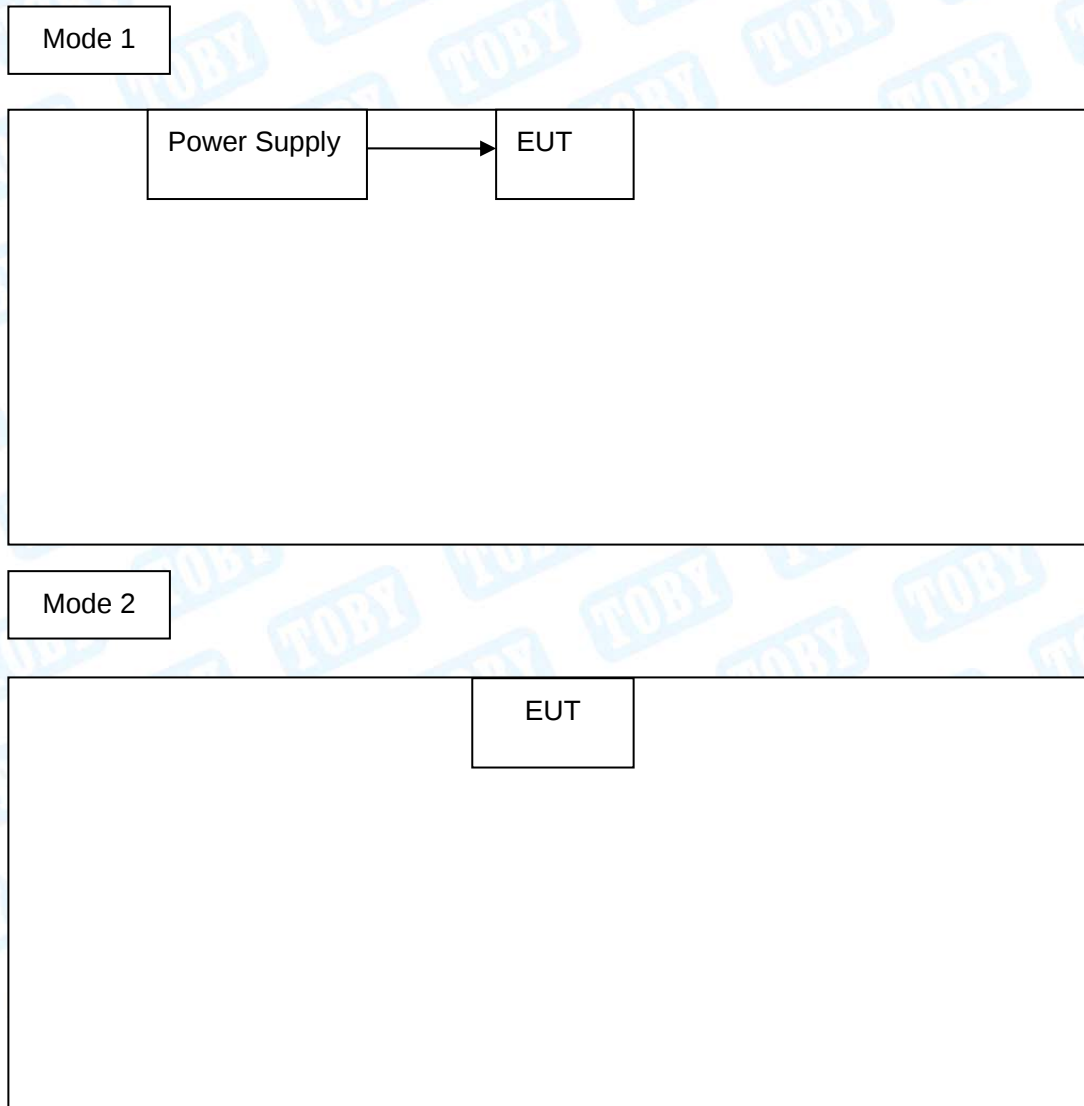
1.1 Client Information

Applicant	:	Shen Zhen Woody Vapes Technology Co., Ltd.
Address	:	Block 1, Shapuyangyong Industry Park, Songgang, Bao'an District, Shenzhen, Guangdong, China.
Manufacturer	:	Shen Zhen Woody Vapes Technology Co., Ltd.
Address	:	Block 1, Shapuyangyong Industry Park, Songgang, Bao'an District, Shenzhen, Guangdong, China.

1.2 General Description of EUT (Equipment Under Test)

EUT Name	:	Drag S
Model(s)	:	Drag S
Model Difference	:	N/A
Brand Name	:	VOOPOO
Power Supply	:	DC 5V from USB Cable DC 3.7V from Li-ion battery
Equipment	:	☐ Class A ☒ Class B
Class A Equipment: the Equipment is not intended primarily for use in a residential environment.		
Class B Equipment: the Equipment is intended primarily for use in a residential environment.		

1.3 Block Diagram Showing The Configuration of System Tested



1.4 Description of Support Units

Name	Model	S/N	Manufacturer	Used "√"
Power supply	PH1200200D	----	HUAWEI	√

1.5 Description of Test Mode

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned follow was evaluated respectively.

For Conducted Test	
Final Test Mode	Description
Mode 1	/
For Radiated Test	
Final Test Mode	Description
Mode 1	Charging Mode
Mode 2	Normal Mode

1.6 Test standards

The objective is to determine compliance with FCC Part 15, Subpart B, and section 15.107, 15.109 rules.

Maintenance of compliance is the responsibility of the manufacturer. Any modification of the product, which result in lowering the emission, should be checked to ensure compliance has been maintained.

1.7 Test Facility

The testing report were performed by the Shenzhen Toby Technology Co., Ltd., in their facilities located at 1A/F., Bldg.6, Yusheng Industrial Zone, The National Road No.107 Xixiang Section 467, Xixiang, Bao'an, Shenzhen, Guangdong, China. At the time of testing, the following bodies accredited the Laboratory:

CNAS (L5813)

The Laboratory has been accredited by CNAS to ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories for the competence in the field of testing. And the Registration No.: CNAS L5813.

A2LA Certificate No.: 4750.01

The laboratory has been accredited by American Association for Laboratory Accreditation(A2LA) to ISO/IEC 17025: 2005 General Requirements for the Competence of Testing and Calibration Laboratories for the technical competence in the field of Electrical Testing. And the A2LA Certificate No.: 4750.01.

IC Registration No.: (11950A-1)

The Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing. The site registration: Site# 11950A-1.

1.8 Measurement Uncertainty

The reported uncertainty of measurement $y \pm U$, where expended uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95 %.

Test	Parameters	Expanded Uncertainty (U_{Lab})	Expanded Uncertainty (U_{Cispr})
Conducted Emission	Level Accuracy: 9kHz~150kHz 150kHz to 30MHz	± 3.42 dB ± 3.42 dB	± 4.0 dB ± 3.6 dB
Radiated Emission	Level Accuracy: Above 1000MHz	± 4.20 dB	N/A
Radiated Emission	Level Accuracy: 30MHz to 1000 MHz	± 4.40 dB	± 5.2 dB

2. Test Summary

Test Items	Test Requirement	Test Method	Result
Conducted Emission	FCC Part 15:2018 Subpart B	ANSI C63.4	N/A
Radiated Emission	FCC Part 15:2018 Subpart B	ANSI C63.4	Pass
Note: N/A is an abbreviation for Not Applicable.			

3. Test Software

Test Item	Test Software	Manufacturer	Version No.
Conducted Emission	EZ-EMC	EZ	CDI-03A2
Radiation Emission	EZ-EMC	EZ	FA-03A2RE

4. Test Equipment Used

Conducted Emission Test					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
EMI Test Receiver	Rohde & Schwarz	ESCI	100321	Jul. 13, 2019	Jul. 12, 2020
RF Switching Unit	Compliance Direction Systems Inc	RSU-A4	34403	Jul. 13, 2019	Jul. 12, 2020
AMN	SCHWARZBECK	NNBL 8226-2	8226-2/164	Jul. 13, 2019	Jul. 12, 2020
LISN	Rohde & Schwarz	ENV216	101131	Jul. 13, 2019	Jul. 12, 2020
Radiation Emission Test					
Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal.Due Date
Spectrum Analyzer	Agilent	E4407B	MY45106456	Jul. 13, 2019	Jul. 12, 2020
EMI Test Receiver	Rohde & Schwarz	ESCI	101165	Jul. 13, 2019	Jul. 12, 2020
Bilog Antenna	ETS-LINDGREN	3142E	00117537	Mar. 07, 2020	Mar. 06, 2021
Horn Antenna	ETS-LINDGREN	3117	00143207	Mar. 01, 2020	Feb. 29, 2021
Pre-amplifier	HP	11909A	185903	Mar. 07, 2020	Mar. 06, 2021
Pre-amplifier	HP	8449B	3008A00849	Mar. 01, 2020	Feb. 29, 2021
Cable	HUBER+SUHNER	100	SUCOFLEX	Mar. 07, 2020	Mar. 06, 2021
Signal Generator	Rohde & Schwarz	SML03	IKW682-054	Mar. 07, 2020	Mar. 06, 2021
Positioning Controller	ETS-LINDGREN	2090	N/A	N/A	N/A

5. Label Requirements&Statement Requirements

☒ Class B

Label Requirements

Class B digital device subject to certification by the FCC shall carry a warning label which includes the following statement:

*** WARNING ***

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

☐ Class A

Statement Requirements

The operator's manual for a Class A digital device shall contain the following statements or their equivalent:

*** WARNING ***

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment This equipment generates, uses, and can radiate radio frequency energy and, if not installed and uses in accordance with the instruction manual, may cause harmful interference to radio communications Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Notice: The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equivalent.

If the EUT was tested with special shielded cables the operator's manual for such product shall also contain the following statements or their equivalent:

Shielded interface cables and/or AC power cord, if any, must be used in order to comply with the emission limits.

6. Conducted Emission Test

6.1 Test Standard and Limit

6.1.1 Test Standard

FCC Part 15.107

6.1.2. Test Limit

Conducted Emission Test Limit (Class A)

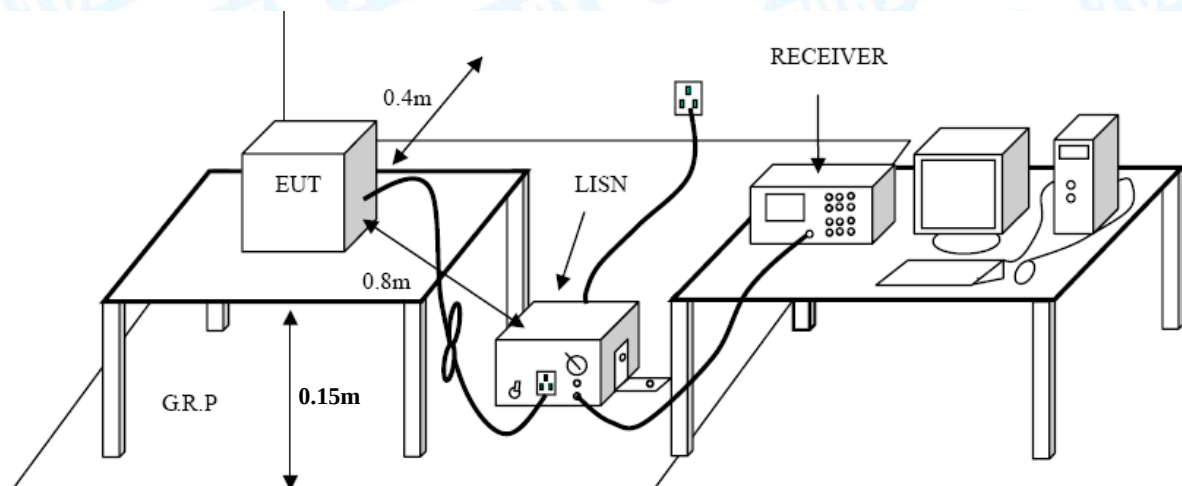
Frequency (MHz)	Maximum RF Line Voltage (dB μ V)	
	Quasi-peak Level	Average Level
0.15~0.50	79	66
0.50~30	73	60

Conducted Emission Test Limit (Class B)

Frequency (MHz)	Maximum RF Line Voltage (dB μ V)	
	Quasi-peak Level	Average Level
0.15~0.5	66 ~ 56 *	56 ~ 46 *
0.50~5	56	46
5~30	60	50

*decreasing linearly with logarithm of the frequency

6.2 Test Setup



6.3 Test Procedure

The EUT was placed 0.15 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipments powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.

The cables shall be insulated (by up to 15 cm) from the horizontal ground reference plane, and shall be folded back and forth in the center forming a bundle 30 to 40 cm long.

I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.

LISN at least 80 cm from nearest part of EUT chassis.

The bandwidth of EMI test receiver is set at 9kHz, and the test frequency band is from 0.15MHz to 30MHz.

6.4 Deviation From Test Standard

No deviation

6.5 Test Data

This test is not applicable.

7. Radiated Emission Test

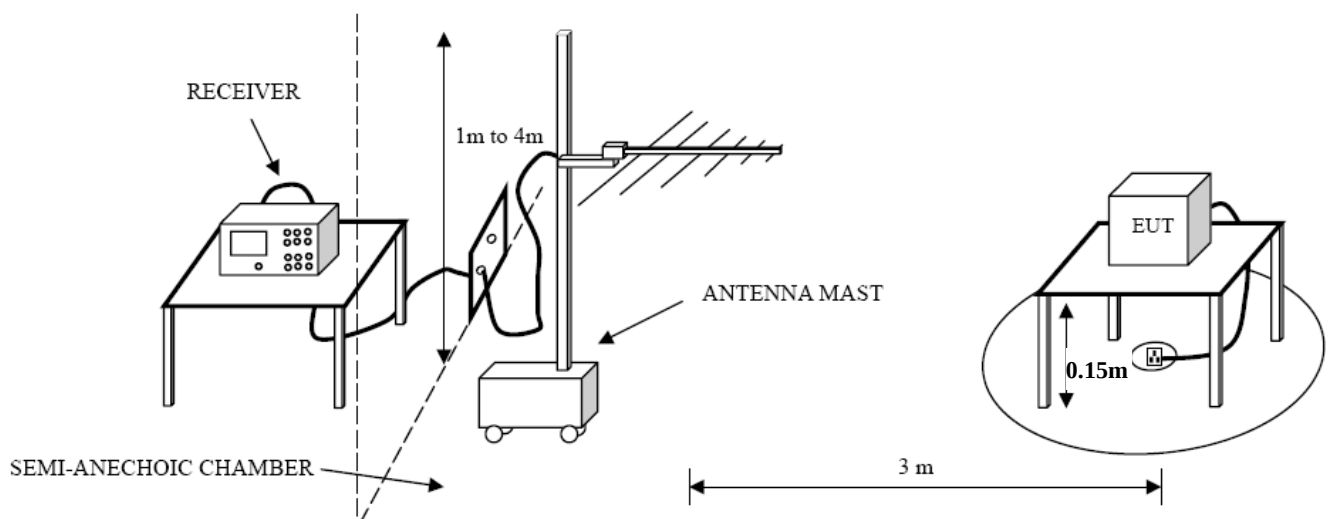
7.1 Test Standard and Limit

7.1.1 Test Standard
FCC Part 15.109

7.1.2 Test Limit

Radiated Emission Test Limit (Class A)	
Frequency MHz	Field Strengths Limits dB(μ V/m)
30 ~ 88	49.0
88 ~ 216	53.5
216 ~ 960	56.4
960 ~ 1000	59.5
Radiated Emission Test Limit (Class B)	
Frequency MHz	Field Strengths Limits dB(μ V/m)
30 ~ 88	40.0
88 ~ 216	43.5
216 ~ 960	46.0
960 ~ 1000	54.0
* The lower limit shall apply at the transition frequency.	
* The test distance is 3m.	

7.2 Test Setup



7.3 Test Procedure

The EUT was placed on the top of a rotating table which is 0.15 meters above the ground. EUT is set 3.0 meters away from the receiving antenna that mounted on a antenna tower. The table was rotated 360 degrees to determine the position of the highest radiation, the antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

Measurements shall be made with a quasi-peak measuring receiver in the frequency range 30MHz to 1000MHz. If the Peak Mode measured value compliance with and lower than quasi-peak mode Limit, the EUT shall be deemed to meet QP Limits and then no additional QP Mode measurement performed.

7.4 Deviation From Test Standard

No deviation

7.5 Test Data

Please refer to the Attachment A.

8. Photographs - Constructional Details

Photo 1 Appearance of EUT



Photo 2 Appearance of EUT



Photo 3 Appearance of EUT

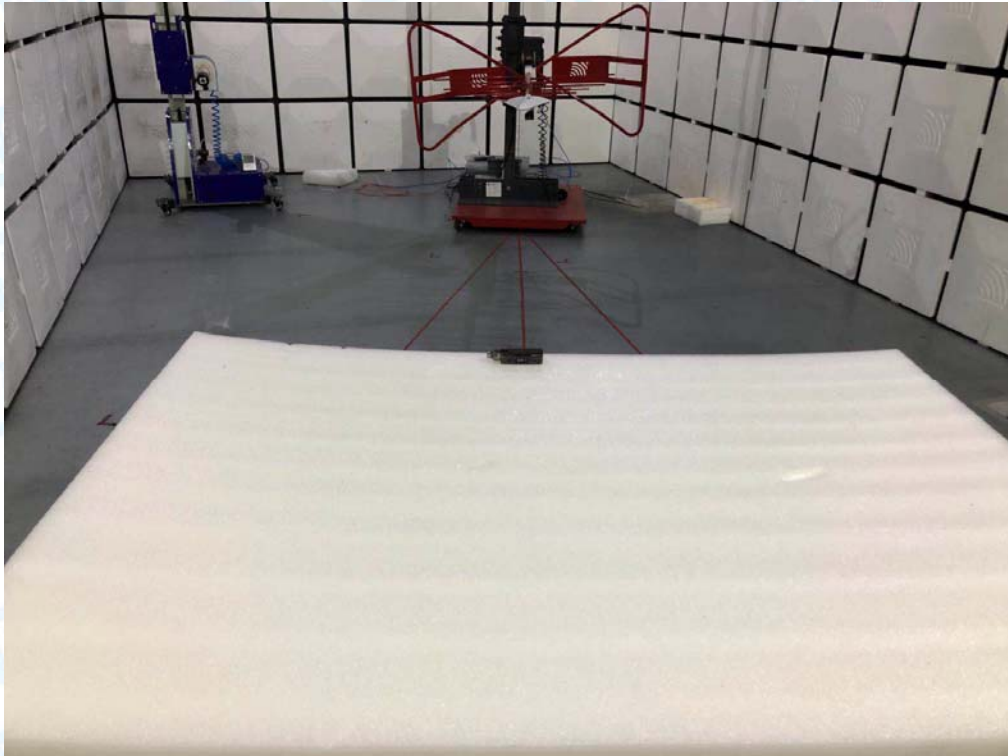


Photo 4 Internal of EUT

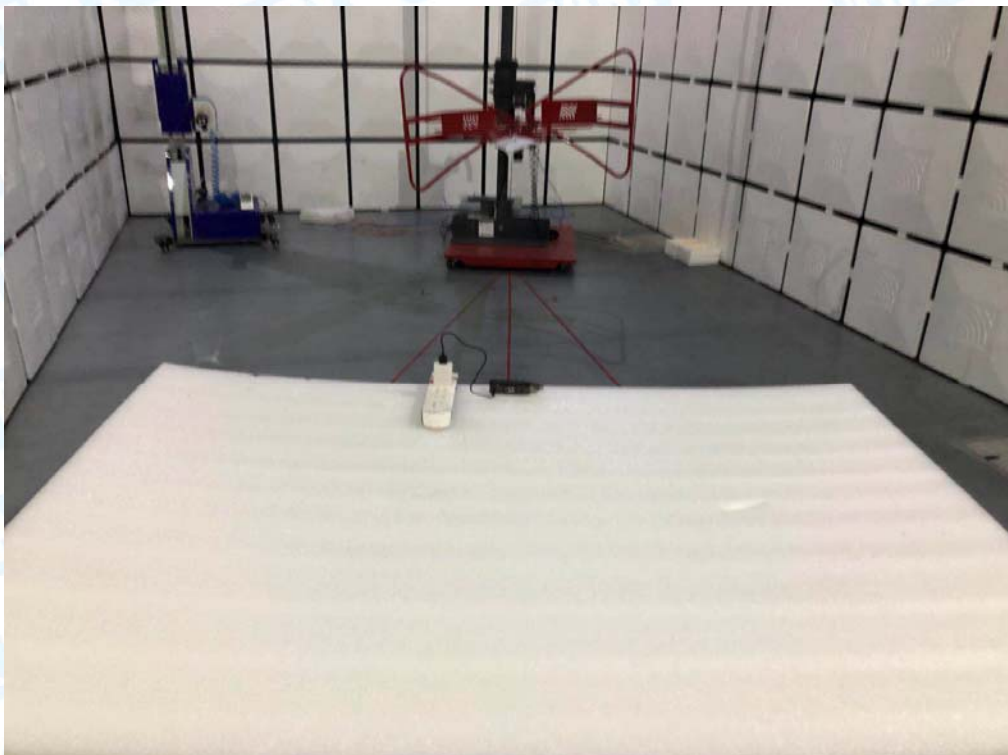


9. Photographs - Test Setup

Radiated Emission Test Setup

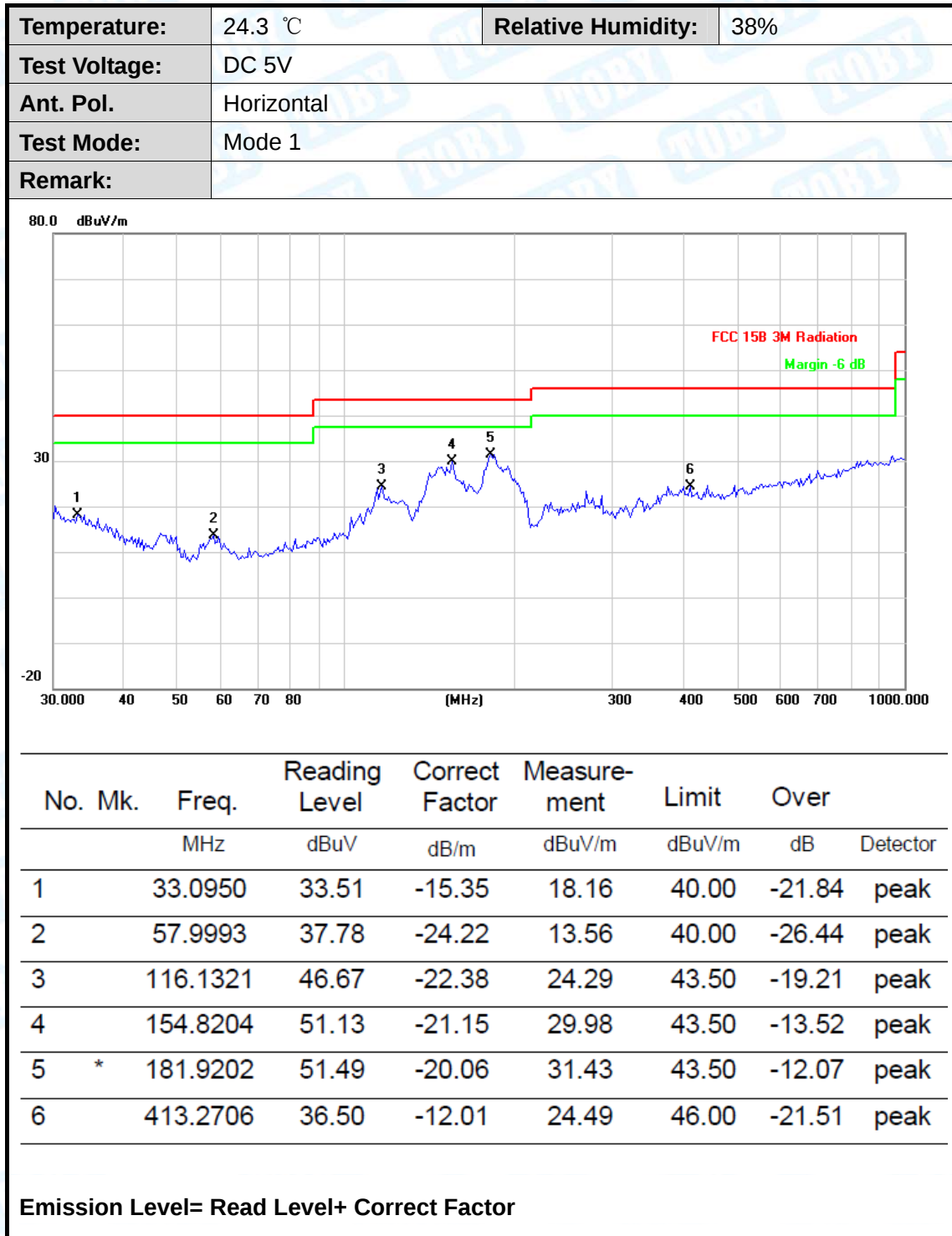


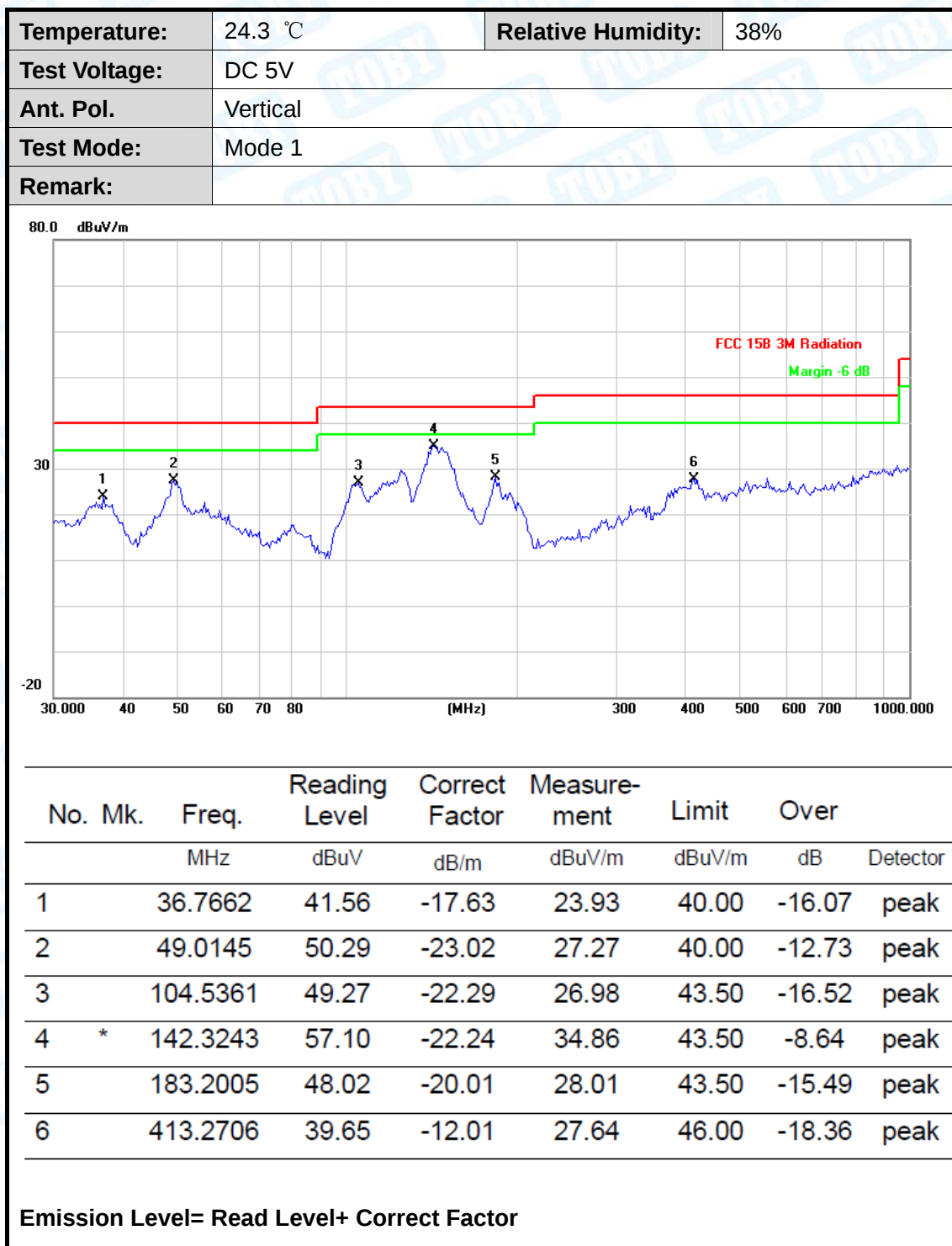
Radiated Emission Test Setup



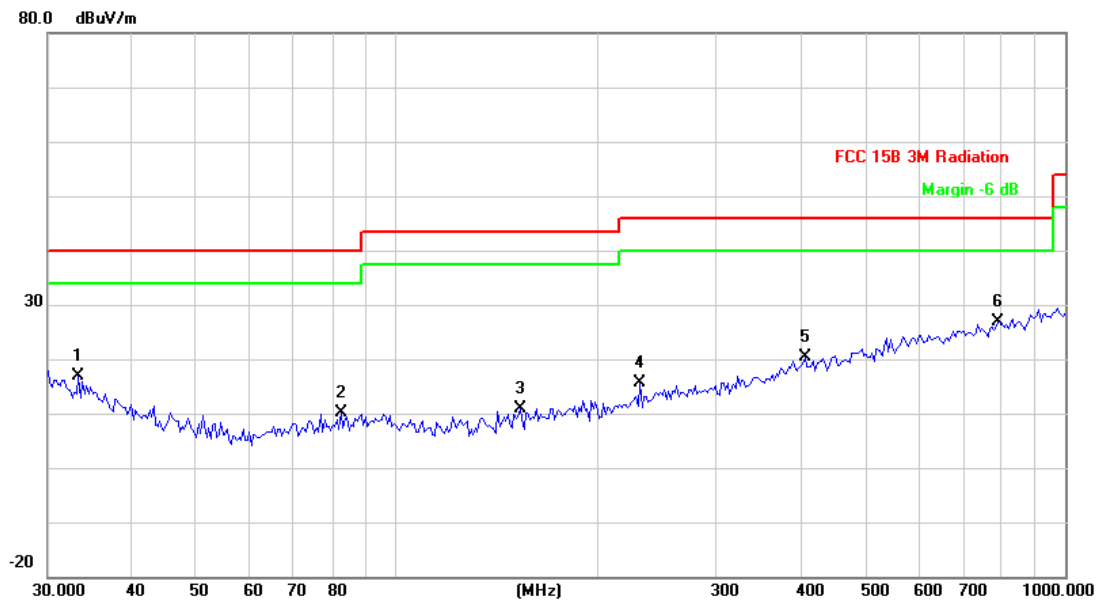
Attachment A--Radiated Emission Test Data

----Below 1G



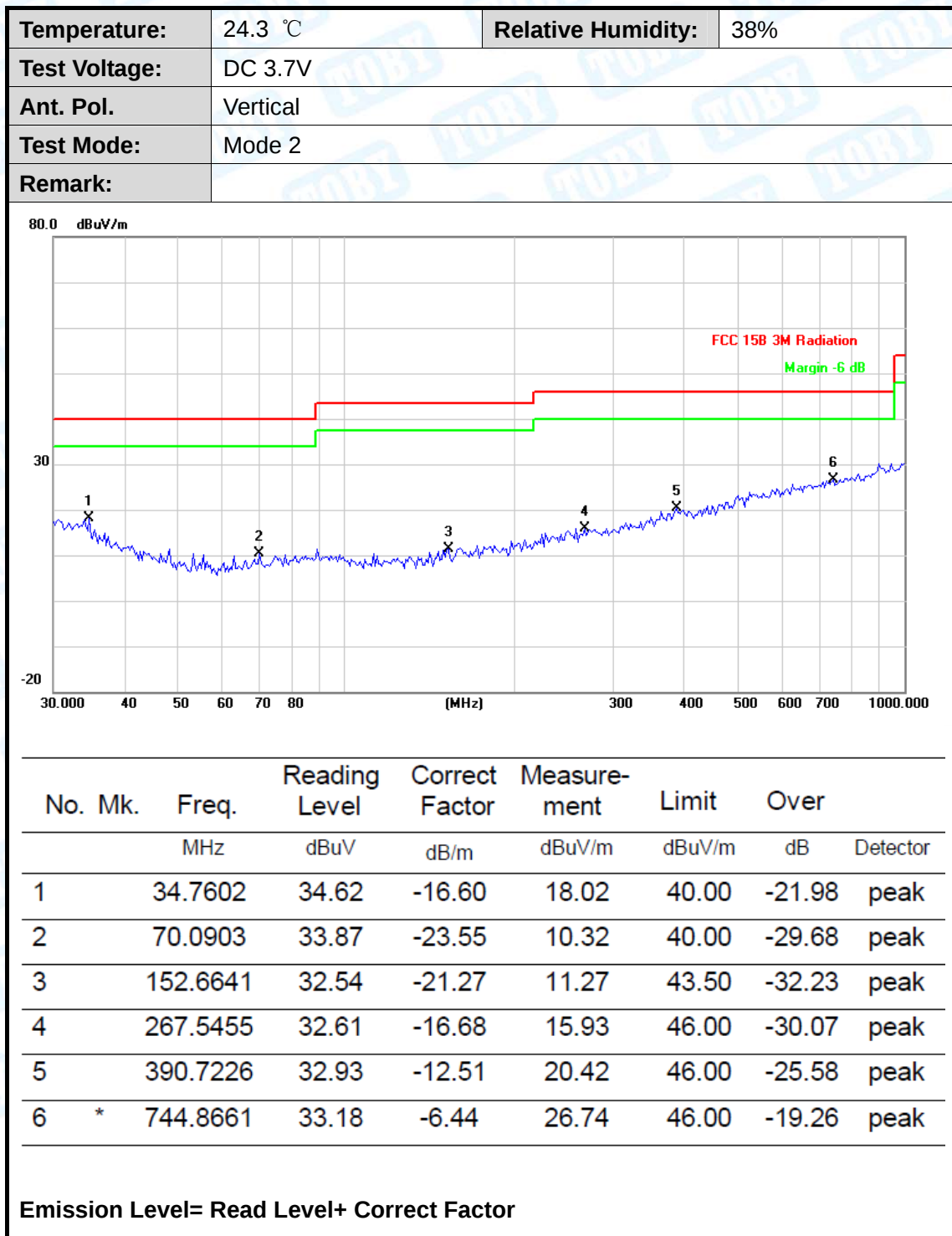


Temperature:	24.3 °C	Relative Humidity:	38%
Test Voltage:	DC 3.7V		
Ant. Pol.	Horizontal		
Test Mode:	Mode 2		
Remark:			



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector
1		33.3279	32.38	-15.52	16.86	40.00	-23.14	peak
2		82.3588	32.53	-22.43	10.10	40.00	-29.90	peak
3		152.6641	32.08	-21.27	10.81	43.50	-32.69	peak
4		230.9068	33.64	-18.13	15.51	46.00	-30.49	peak
5		407.5145	32.38	-12.05	20.33	46.00	-25.67	peak
6	*	793.3960	32.44	-5.59	26.85	46.00	-19.15	peak

Emission Level= Read Level+ Correct Factor



-----END OF REPORT-----



Shenzhen Toby Technology Co., Ltd.

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CONSOLIDATED TEST REPORT

Sample information:

1. **Applicant:** Shen Zhen Woody Vapes Technology Co., Ltd.
2. **Applicant Address:** Block 1, Shapuyangyong Industry Park, Songgang, Bao'an District, Shenzhen, Guangdong, China.
3. **Sample Name:** Drag S
4. **Brand Name:** V00P00
5. **Model(s):** Drag S
6. **Manufacturer:** Shen Zhen Woody Vapes Technology Co., Ltd.
7. **Manufacturer Address:** Block 1, Shapuyangyong Industry Park, Songgang, Bao'an District, Shenzhen, Guangdong, China.
8. **Sample received date:** Mar.26, 2020
9. **Testing period:** Mar.26-30, 2020

Testing Required:

- 1) In accordance with the RoHS Directive 2015/863/EU amending Annex II Directive 2011/65/EU.
- 2) As specified by client, to determine Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs, PBDEs and Phthalates (DEHP, BBP, DBP, DIBP) content in the selected materials (see remark) of submitted sample with reference to Directive 2015/863/EU of the European Parliament and of the Council of 31 March 2015(RoHS, Previously 2002/95/EC and 2011/65/EU).

Test Standards:

Testing Item	Pretreatment method	Measuring method	Report Limit
Lead (Pb)	IEC 62321, Ed1:2013	IEC62321 (ICP-OES)	2ppm
Cadmium (Cd)	IEC 62321, Ed1:2013	IEC62321 (ICP-OES)	2ppm
Mercury (Hg)	IEC 62321, Ed1:2013+A1:2017	IEC62321 (ICP-OES)	2ppm
Chromium (Cr ⁶⁺)	IEC 62321, Ed1:2015 IEC 62321, Ed1:2017	IEC62321 (UV-VIS)	0.1 μ g/cm ² 8ppm
PBBs/ PBDEs	IEC 62321, Ed1:2015	IEC62321 (GC-MS)	5ppm
Phthalates	IEC 62321, Ed1:2017	IEC62321 (GC-MS)	30ppm

Remarks:

1. The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the company.
2. Characterization & Condition of sample: Normal.
3. Ambient Condition During Testing: (17~22)°C, (55~68) %RH.

Conclusion:

Based on the performed tests on submitted sample(s), the results of Cadmium, Lead, Mercury, Hexavalent Chromium Cr(VI), PBBs, PBDEs and Phthalates comply with the limits as set by RoHS Directive 2015/863/EU amending Annex II Directive 2011/65/EU and the tested submitted sample complied with the requirements of Directive 2013/56/EU.

Signed for Shenzhen TOBY

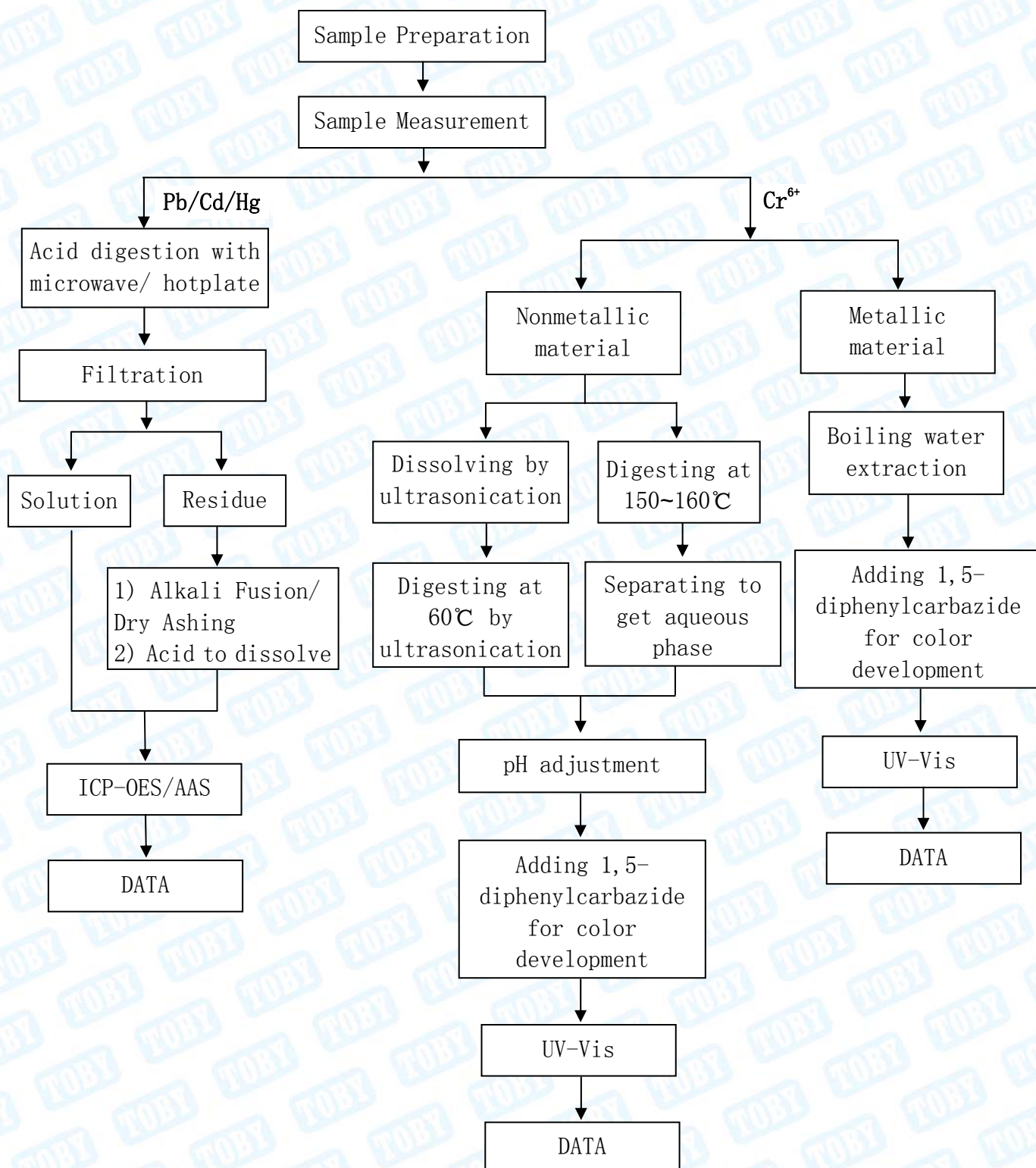
Justin Zhang
Manager



CONSOLIDATED TEST REPORT

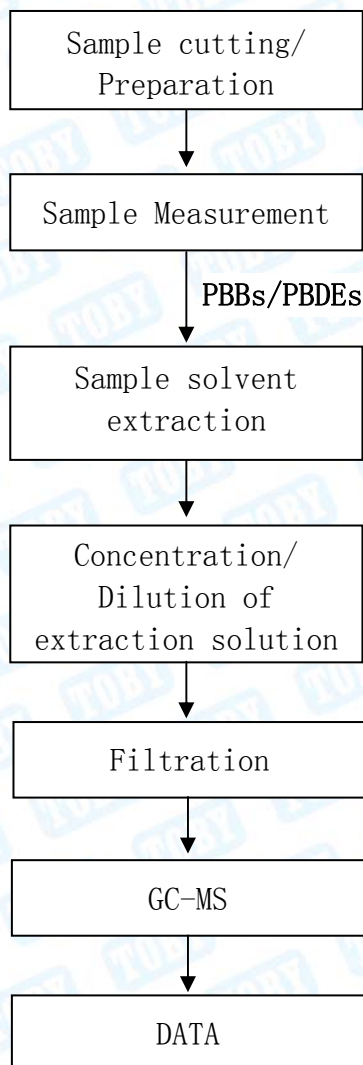
Test flow:

1. To Determine Lead/Cadmium/Mercury/ Hexavalent Chromium Content:



CONSOLIDATED TEST REPORT

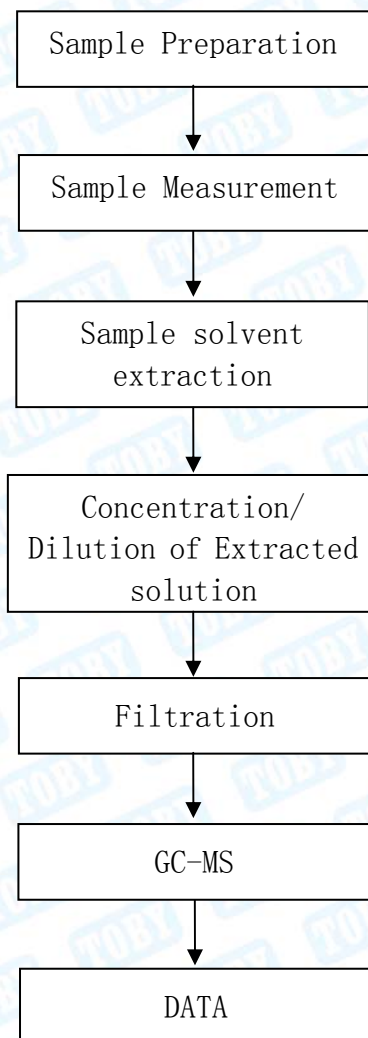
2. To Determine PBBs/PBDEs Content:





CONSOLIDATED TEST REPORT

3. To Determine Phthalates Content:



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CONSOLIDATED TEST REPORT

NO.	SAMPLES NAME	TEST REPORT NO.	DESCRIPTION	REMARK
1	PCB	SZXEC1902167803	GREEN PCB	----
2	IC	CANEC1905699419	MIXED ALL PARTS	---
3	CHIP RESISTOR	A2190100750101003E	BLACK/SILVERY/WHITE CHIPS	---
4	CHIP CAPACITOR	CANEC1907843903	GREY BODY W/ SILVERY EDGE	---
5.1	DIODE	CANEC1923471305	BLACK SOLID	---
5.2			SILVERY METAL PIN	---
6	AUDION	CANEC1800217511 A01	BLACK BODY W/ SILVERY METAL PIN	----
7	LCD	SZXEC1900129302	MIXED ALL PARTS	---
8.1	SWITCH	CANEC1909993704	BLACK PLASTIC GRAINS	---
8.2		SZHH01158130	WHITE PLASTIC GRAINS	---
8.3		F690101/LF-CTSAYGU1 7-09672	SILVERY METAL	---
9	CONTACT	CANML1903670610	COPPER-COLORED METAL	---
10	MAGNET	A2180002962101001E	SILVERY METAL	---
11	BATTERY	CANEC1907477701	“BATTERY”	---
12.1	SOCKET	CANEC1903698502	BLACK PLASTIC GRAINS	---
12.2		CANEC1900437903	SILVER-GREY/BRASSY METAL	
12.3		MMC3AOQW65437704	SILVER-GRAY PLATING METAL	
13.1	WIRE	A2190079234101001	BLACK WIRE	----
13.2		A2190079234101003	RED WIRE	----
13.3		CANEC1810336402	SILVERY METAL WIRE	---
14.1	SCREW	SZXEC1800275101	BLACK METAL SCREW	---
14.2		SZXEC1800275101	SILVERY METAL SCREW	---
15	SOLDER	CANEC1902806925	SILVERY METAL	---
16.1	ATOMIZER	CANEC1902444502	RED SILICONE	---

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CONSOLIDATED TEST REPORT

16. 2		CE/2018/70635A	BRASSY METAL SHEET	---
16. 3		PTC19040201102C-CN0 1	BLACK TRANSPARENT SOLID	---
16. 4		CANEC1904224316	BLACK SOFT PLASTIC	---
16. 5		A2180183924101001E	SILVERY METAL	---
16. 6		NGBML1802481202	SILVERY METAL	---
16. 7		GZ1101005605/CHEM	WHITE COTTON	---
16. 8		NGBEC1900828006	BEIGE PLASTIC GRAINS	---
16. 9		CANEC1906702705	SILVERY PLATING METAL	---
16. 10		CANEC1804567105	SILVERY PLATING METAL WIRE	---
17. 1	SHELL	SCL01J038758001	BLACK MATERIAL	---
17. 2		A2180038227102001C	BLACK TRANSPARENT PLASTIC	---
17. 3		CANML1906495901	SILVERY PLATING METAL	---
18. 1	USB WIRE	CANEC1904224338	BLACK PLASTIC	---
18. 2		CANEC1900421614	WHITE PLASTIC	---
18. 3		CANML1815979602	SILVER-GRAY PLATED METAL	---
18. 4		SHAEC1808364406	SILVERY METAL	---
18. 5		CANML1903670609	COPPER-COLORED METAL	---



CONSOLIDATED TEST REPORT

1) Test Result: Heavy Metals (Pb, Cd, Cr⁶⁺, Hg) Tests

Element	Pb	Cd	Cr ⁶⁺	Hg
Limit:	1000 (mg/kg)	100 (mg/kg)	1000 (mg/kg)	1000 (mg/kg)
1	16	N. D.	N. D.	N. D.
2	N. D.	N. D.	N. D.	N. D.
3	281	N. D.	N. D.	N. D.
4	N. D.	N. D.	N. D.	N. D.
5.1	N. D.	N. D.	N. D.	N. D.
5.2	N. D.	N. D.	N. D.	N. D.
6	N. D.	N. D.	N. D.	N. D.
7	N. D.	N. D.	N. D.	N. D.
8.1	N. D.	N. D.	N. D.	N. D.
8.2	N. D.	N. D.	N. D.	N. D.
8.3	N. D.	N. D.	N. D.	N. D.
9	27	N. D.	N. D.	N. D.
10	N. D.	N. D.	N. D.	N. D.
11	SEE ANNEX A			
12.1	N. D.	N. D.	N. D.	N. D.
12.2	23	N. D.	N. D.	N. D.
12.3	23	N. D.	N. D.	N. D.
13.1	N. D.	N. D.	N. D.	N. D.
13.2	N. D.	N. D.	N. D.	N. D.
13.3	44	N. D.	N. D.	N. D.
14.1	N. D.	N. D.	N. D.	N. D.
14.2	N. D.	N. D.	N. D.	N. D.
15	36	N. D.	N. D.	N. D.
16.1	4	N. D.	N. D.	N. D.
16.2	18.6	N. D.	N. D.	N. D.
16.3	N. D.	N. D.	N. D.	N. D.
16.4	N. D.	N. D.	N. D.	N. D.



CONSOLIDATED TEST REPORT

16.5	19	N. D.	N. D.	N. D.
16.6	N. D.	N. D.	N. D.	N. D.
16.7	N. D.	N. D.	N. D.	N. D.
16.8	N. D.	N. D.	N. D.	N. D.
16.9	N. D.	N. D.	N. D.	N. D.
16.10	N. D.	N. D.	N. D.	N. D.
17.1	N. D.	N. D.	N. D.	N. D.
17.2	N. D.	N. D.	N. D.	N. D.
17.3	N. D.	N. D.	N. D.	N. D.
18.1	N. D.	N. D.	N. D.	N. D.
18.2	N. D.	N. D.	N. D.	N. D.
18.3	N. D.	N. D.	N. D.	N. D.
18.4	N. D.	N. D.	N. D.	N. D.
18.5	23	N. D.	N. D.	N. D.

◆ “N. D.” means “Not Detected”, method detection limit=2mg/kg.

◆ “*” means be exempted from RoHS Directive.

ANNEX A (Heavy Metals Test Result of Battery (Pb, Cd, Hg))

Element	Pb	Cd	Hg
Limit:	0.004%	0.002%	0.0005%
11	N. D.	N. D.	N. D.

◆ “N. D.” means “Not Detected”, method detection limit=2mg/kg.

◆ Button Cell content meets requirement of 2006/66/EC & 2013/56/EU.

◆ “*” means be exempted from RoHS Directive.



CONSOLIDATED TEST REPORT

2) Test Result: Brominated Flame Retardants (PBBs & PBDEs) Tests

PBBs	1	2	3	4	5.1	6	7	8.1	8.2
MONOBROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
DIBROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
TRIBROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
TETRABROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
PENTABROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
HEXABROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
HEPTABROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
OCTABROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
NONABROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
DECABROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
Sum of PBBs	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
PBDEs	1	2	3	4	5.1	6	7	8.1	8.2
MONOBROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
DIBROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
TRIBROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
TETRABROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
PENTABROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
HEXABROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
HEPTABROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
OCTABROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
NONABROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
DECABROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
Sum of PBDEs	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.



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PBBs	12. 1	13. 1	13. 2	16. 1	16. 3	16. 4	16. 7	16. 8	17. 1
MONOBROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
DIBROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
TRIBROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
TETRABROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
PENTABROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
HEXABROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
HEPTABROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
OCTABROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
NONABROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
DECABROMOBIPHENYL	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
Sum of PBBs	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
PBDEs	12. 1	13. 1	13. 2	16. 1	16. 3	16. 4	16. 7	16. 8	17. 1
MONOBROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
DIBROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
TRIBROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
TETRABROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
PENTABROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
HEXABROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
HEPTABROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
OCTABROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
NONABROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
DECABROMODIPHENYL ETHER	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
Sum of PBDEs	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.



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PBBs	17.2	18.1	18.2
MONOBROMOBIPHENYL	N. D.	N. D.	N. D.
DIBROMOBIPHENYL	N. D.	N. D.	N. D.
TRIBROMOBIPHENYL	N. D.	N. D.	N. D.
TETRABROMOBIPHENYL	N. D.	N. D.	N. D.
PENTABROMOBIPHENYL	N. D.	N. D.	N. D.
HEXABROMOBIPHENYL	N. D.	N. D.	N. D.
HEPTABROMOBIPHENYL	N. D.	N. D.	N. D.
OCTABROMOBIPHENYL	N. D.	N. D.	N. D.
NONABROMOBIPHENYL	N. D.	N. D.	N. D.
DECABROMOBIPHENYL	N. D.	N. D.	N. D.
Sum of PBBs	N. D.	N. D.	N. D.
PBDEs	17.2	18.1	18.2
MONOBROMODIPHENYL ETHER	N. D.	N. D.	N. D.
DIBROMODIPHENYL ETHER	N. D.	N. D.	N. D.
TRIBROMODIPHENYL ETHER	N. D.	N. D.	N. D.
TETRABROMODIPHENYL ETHER	N. D.	N. D.	N. D.
PENTABROMODIPHENYL ETHER	N. D.	N. D.	N. D.
HEXABROMODIPHENYL ETHER	N. D.	N. D.	N. D.
HEPTABROMODIPHENYL ETHER	N. D.	N. D.	N. D.
OCTABROMODIPHENYL ETHER	N. D.	N. D.	N. D.
NONABROMODIPHENYL ETHER	N. D.	N. D.	N. D.
DECABROMODIPHENYL ETHER	N. D.	N. D.	N. D.
Sum of PBDEs	N. D.	N. D.	N. D.

◆ PBBs Limit = 1000 ppm, PBDEs Limit = 1000 ppm

◆ “N. D.” means “Not Detected”, method detection limit = 5mg/kg.



CONSOLIDATED TEST REPORT

3) Test Result: Phthalates (DEHP, BBP, DBP, DIBP) Tests

Phthalates	1	2	3	4	5.1	6	7	8.1	8.2
Bis(2-ethylhexyl) phthalate (DEHP)	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
Butyl benzyl phthalate (BBP)	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
Dibutyl phthalate (DBP)	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
Diisobutyl phthalate (DIBP)	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.

Phthalates	12.1	13.1	13.2	16.1	16.3	16.4	16.7	16.8	17.1
Bis(2-ethylhexyl) phthalate (DEHP)	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
Butyl benzyl phthalate (BBP)	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
Dibutyl phthalate (DBP)	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.
Diisobutyl phthalate (DIBP)	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.

Phthalates	17.2	18.1	18.2
Bis(2-ethylhexyl) phthalate (DEHP)	N. D.	N. D.	N. D.
Butyl benzyl phthalate (BBP)	N. D.	N. D.	N. D.
Dibutyl phthalate (DBP)	N. D.	N. D.	N. D.
Diisobutyl phthalate (DIBP)	N. D.	N. D.	N. D.

◆ Each Item of Phthalates Limit = 1000 ppm

◆ “N. D.” means “Not Detected”, method detection limit = 30mg/kg.

CONSOLIDATED TEST REPORT

Appearance Photo 1 of Sample



Appearance Photo 2 of Sample



***** END OF REPORT *****



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CERTIFICATE OF CONFORMITY

Certificate No.: TB200325000

Applicant : Shen Zhen Woody Vapes Technology Co., Ltd.
Address : Block 1, Shapuyangyong Industry Park, Songgang, Bao'an District,
Shenzhen, Guangdong, China.
Manufacturer : Shen Zhen Woody Vapes Technology Co., Ltd.
Address : Block 1, Shapuyangyong Industry Park, Songgang, Bao'an District,
Shenzhen, Guangdong, China.
Product : Drag S
Brand Name : VOOPOO
Model(s) : Drag S

Test Standard(s):

2011/65/EU&2015/863/EU;
2013/56/EU;
IEC 62321: 2013/2015/2017.

The EUT described above has been examined by us with the listed standards and found in compliance with the Council RoHS Directive 2015/863/EU amending Annex II Directive 2011/65/EU and Directive 2013/56/EU. It is possible to use CE marking to demonstrate the compliance with the CE requirement.

The preparation of necessary technical documents according to the requirement of EN50581. The report shall not be reproduced in part without written approval of us. It is only valid in connection with the test report number: TB-RoHS172192.




Justin Zhang
(Manager)
Mar 31, 2020

