

# FCC Test Report

Report No.: AGC12517210801FE03

**FCC ID** : 2AHXP-FSM80  
**APPLICATION PURPOSE** : Original Equipment  
**PRODUCT DESIGNATION** : Remote Control  
**BRAND NAME** : ReVent  
**MODEL NAME** : FSM-80  
**APPLICANT** : GTR technologies Inc.  
**DATE OF ISSUE** : Aug. 20, 2021  
**STANDARD(S)** : FCC Part 15 Rules  
**REPORT VERSION** : V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd



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### Report Revise Record

Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	/	Aug. 20, 2021	Valid	Initial Release

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## 1. VERIFICATION OF CONFORMITY

<b>Applicant</b>	GTR technologies Inc.
<b>Address</b>	1420 Lumsden Rd, Port Orchard, Washington 98367, United States
<b>Manufacturer</b>	GTR technologies Inc.
<b>Address</b>	1420 Lumsden Rd, Port Orchard, Washington 98367, United States
<b>Factory</b>	GTR technologies Inc.
<b>Address</b>	1420 Lumsden Rd, Port Orchard, Washington 98367, United States
<b>Product Designation</b>	Remote Control
<b>Brand Name</b>	ReVent
<b>Test Model</b>	FSM-80
<b>Date of test</b>	Aug. 13, 2021 to Aug. 20, 2021
<b>Deviation</b>	None
<b>Condition of Test Sample</b>	Normal
<b>Report Template</b>	AGCRT-US-SRD/RF (2013-03-01)

We hereby certify that:

The above equipment was tested by Attestation of Global Compliance (Shenzhen) Co., Ltd. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with radiated emission limits of FCC Rules Part 15.231.

Prepared By

*Thea Huang*

Thea Huang  
(Project Engineer)

Aug. 20, 2021

Reviewed By

*Max Zhang*

Max Zhang  
(Reviewer)

Aug. 20, 2021

Approved By

*Forrest Lei*

Forrest Lei  
(Authorized Officer)

Aug. 20, 2021

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## 2. GENERAL INFORMATION

### 2.1. PRODUCT DESCRIPTION

A major technical description of EUT is described as following

Operation Frequency	433.92MHz
Field Strength(3m)	433.92MHz: 88.18dBuV/m(PK)@3m 433.92MHz: 79.17dBuV/m(AV)@3m
Modulation	ASK
Number of channels	1
Hardware Version	v1.0
Software Version	v1.0
Antenna Designation	Fixed antenna
Antenna Gain	0dBi
Power Supply	AC 120V

### 2.2. RELATED SUBMITTAL(S) / GRANT (S)

This submittal(s) (test report) is intended for **FCC ID: 2AHXP-FSM80** filing to comply with Section 15.231 of the FCC Part 15, Subpart C Rules.

### 2.3. TEST METHODOLOGY

Both conducted and radiated testing was performed according to the procedures in ANSI C63.10 (2013). Radiated testing was performed at an antenna to EUT distance 3 meters.

### 2.4. SPECIAL ACCESSORIES

Refer to section 5.1.

### 2.5. EQUIPMENT MODIFICATIONS

Not available for this EUT intended for grant.

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### 3. 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%.

- Uncertainty of Conducted Emission,  $U_c = \pm 3.1$  dB
- Uncertainty of Radiated Emission below 1GHz,  $U_c = \pm 4.0$  dB
- Uncertainty of Radiated Emission above 1GHz,  $U_c = \pm 4.8$  dB
- Uncertainty of Occupied Channel Bandwidth,  $U_c = \pm 2$  %

### 4. DESCRIPTION OF TEST MODES

NO.	TEST MODE DESCRIPTION
1	Transmitting mode
Note: 1. EUT is only 120V/60Hz powered. 2. For Radiated Emission, 3axis were chosen for testing for each applicable mode.	

### 5. SYSTEM TEST CONFIGURATION

#### 5.1. EQUIPMENT USED IN EUT SYSTEM

Item	Equipment	Model No.	ID or Specification	Remark
1	Smart Phone Fan	FSM-80	2AHXP-FSM80	EUT

#### 5.2. SUMMARY OF TEST RESULTS

FCC RULES	DESCRIPTION OF TEST	RESULT
§15.203	Antenna Requirement	Compliant
§15.231(a)(1)	Activated Manually	Compliant
§15.231(b)	Average Factor	Compliant
§15.231(b) & §15.209	Field Strength of Fundamental and Spurious Emission	Compliant
15.207	Conducted Emission	Compliant

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## 6. TEST FACILITY

<b>Test Site</b>	Attestation of Global Compliance (Shenzhen) Co., Ltd
<b>Location</b>	1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping Community, Fuhai Street, Bao'an District, Shenzhen, Guangdong, China
<b>Designation Number</b>	CN1259
<b>FCC Test Firm Registration Number</b>	975832
<b>A2LA Cert. No.</b>	5054.02
<b>Description</b>	Attestation of Global Compliance(Shenzhen) Co., Ltd is accredited by A2LA

### TEST EQUIPMENT OF CONDUCTED EMISSION TEST

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Due
Test Receiver	R&S	ESPI	101206	May 11, 2021	May 10, 2022
LISN	R&S	ESH2-Z5	100086	Jun. 09, 2021	Jun. 08, 2022
Test software	FARA	EZ-EMC (Ver.AGC-CON0 3A1)	N/A	N/A	N/A

### TEST EQUIPMENT OF RADIATED EMISSION TEST

Equipment	Manufacturer	Model	S/N	Cal. Date	Cal. Due
Test Receiver	Rohde & Schwarz	ESCI	10096	Apr. 14, 2021	Apr. 13, 2022
EXA Signal Analyzer	Aglient	N9010A	MY53470504	Dec. 07, 2020	Dec. 06, 2021
Attenuator	ZHINAN	E-002	N/A	Sep. 03, 2020	Sep. 02, 2022
Active loop antenna (9K-30MHz)	ZHINAN	ZN30900C	18051	May 22, 2020	May 21, 2022
Double-Ridged Waveguide Horn	ETS LINDGREN	3117	00034609	Apr. 23, 2021	Apr. 22, 2023
Broadband Preamplifier	ETS LINDGREN	3117PA	00225134	Sep. 03, 2020	Sep. 02, 2022
ANTENNA	SCHWARZBEC K	VULB9168	494	Sep. 20, 2019	Sep. 19, 2021
Test software	FARA	EZ-EMC(Ver.RA- 03A)	N/A	N/A	N/A

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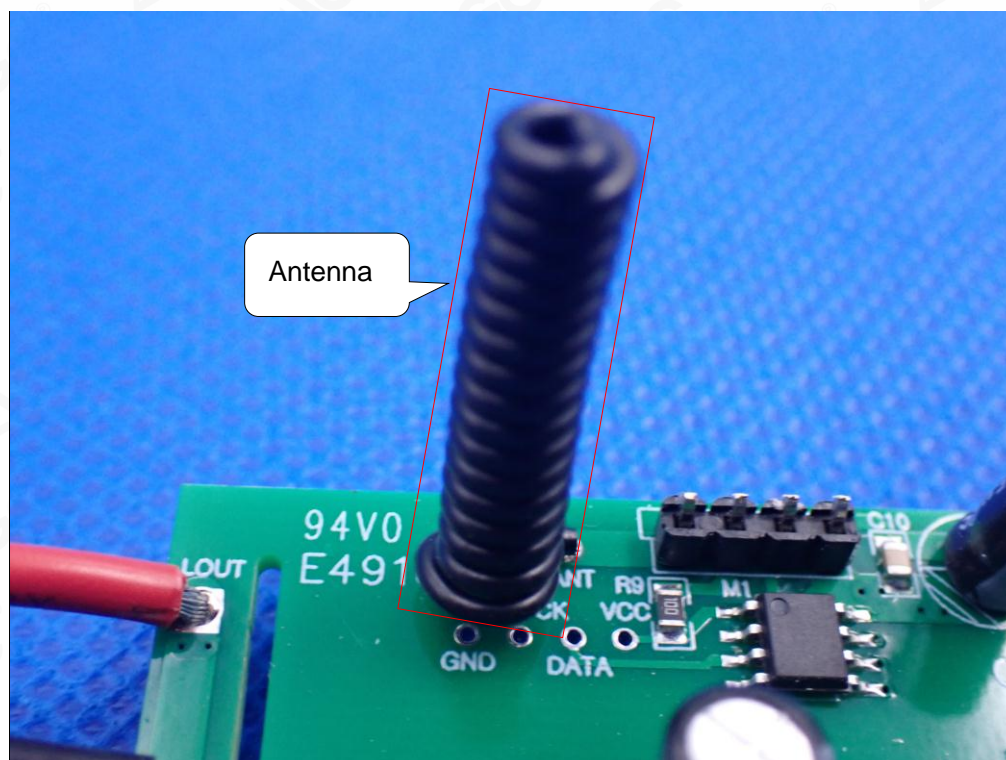




## 7. ANTENNA REQUIREMENT

According to §15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

The EUT has Fixed antenna, which accordance to the above sections, is considered sufficient to comply with the provisions of these sections. Please see EUT photo for details.



The requirements of section 15.203 are **FULFILLED**.

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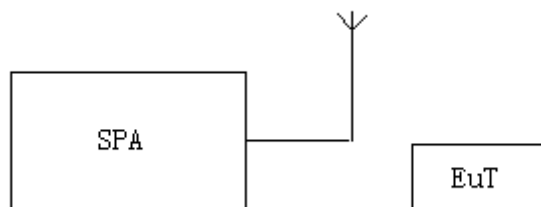


## 8. PROVISION FOR MOMENTARY OPERATION

### 8.1 MEASUREMENT PROCEDURE

1. Set the parameters of SPA as below:  
Centre frequency = Operation Frequency  
RBW=1MHz, VBW=3MHz  
Span: 0Hz  
Sweep time: 10S
2. Set the EUT to transmit by manually operated. Use the “View” function of SPA to find the transmission time of being released.
3. Record the data and Reported.

### 8.2 TEST SETUP



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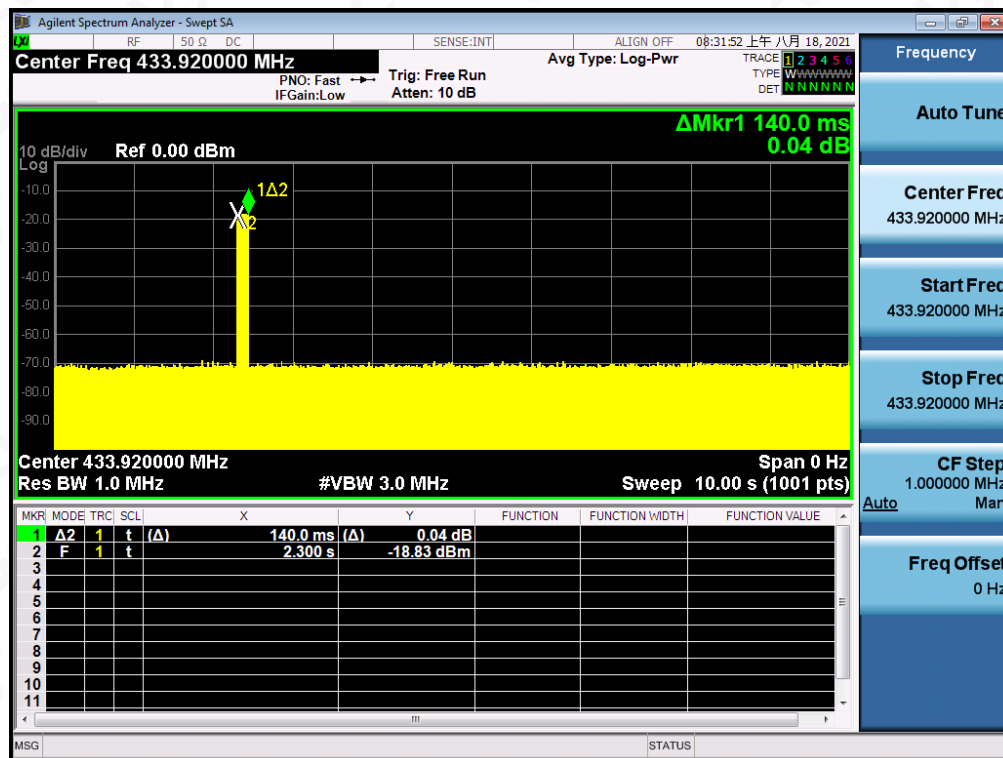
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### 8.3 TEST RESULT

#### Test Mode: EUT @ 433.92MHz for RF Transmitter

EUT is a manually activated transmitter – so release time (button no longer pressed) is test case	Limit (s)
0.14	5.00



**RESULT: PASS**

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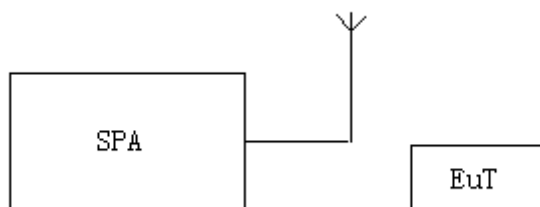


## 9. DUTY CYCLE CORRECTION FACTOR

### 9.1 MEASUREMENT PROCEDURE

1. Set the parameters of SPA as below:  
Centre frequency = Operation Frequency  
RBW=1MHz, VBW=3MHz  
Span: 0Hz  
Sweep time: more than two pulse trains or more than each type of pulse occupancy time
2. Set the EUT to transmit by manually operated. Use the “Delta mark” function of SPA to find the period time between two pulse trains and each type of pulse occupancy time.
3. Record the plots and Reported.

### 9.2 TEST SETUP



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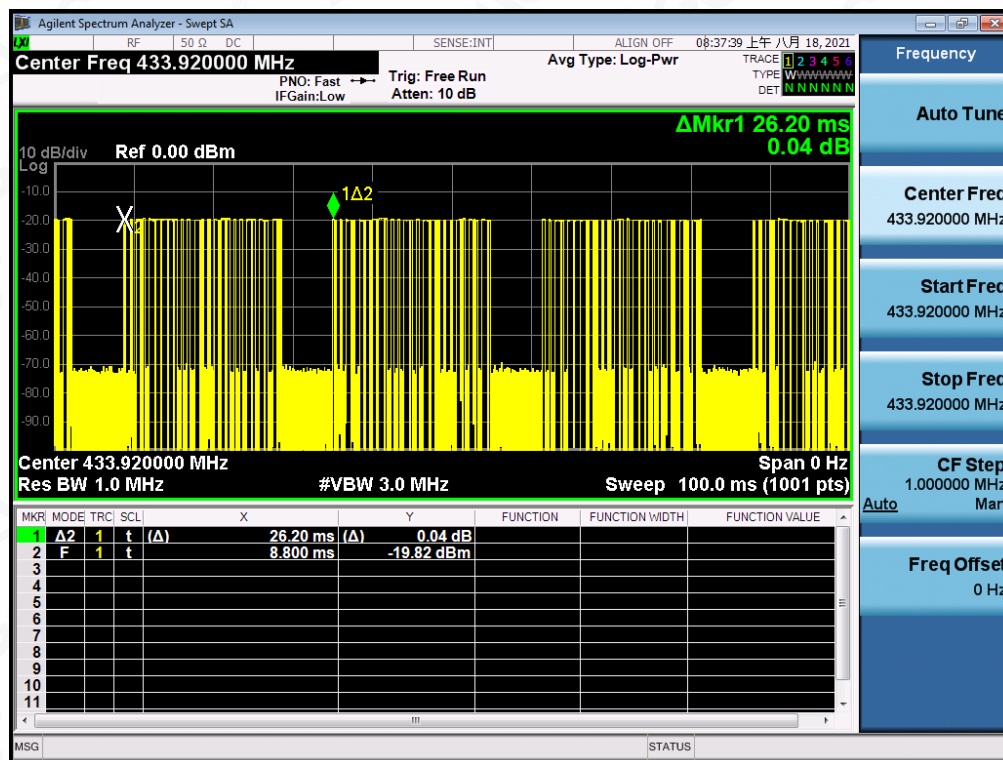




### 9.3 TEST RESULT

#### Test Mode: EUT @ 433.92MHz for RF Transmitter

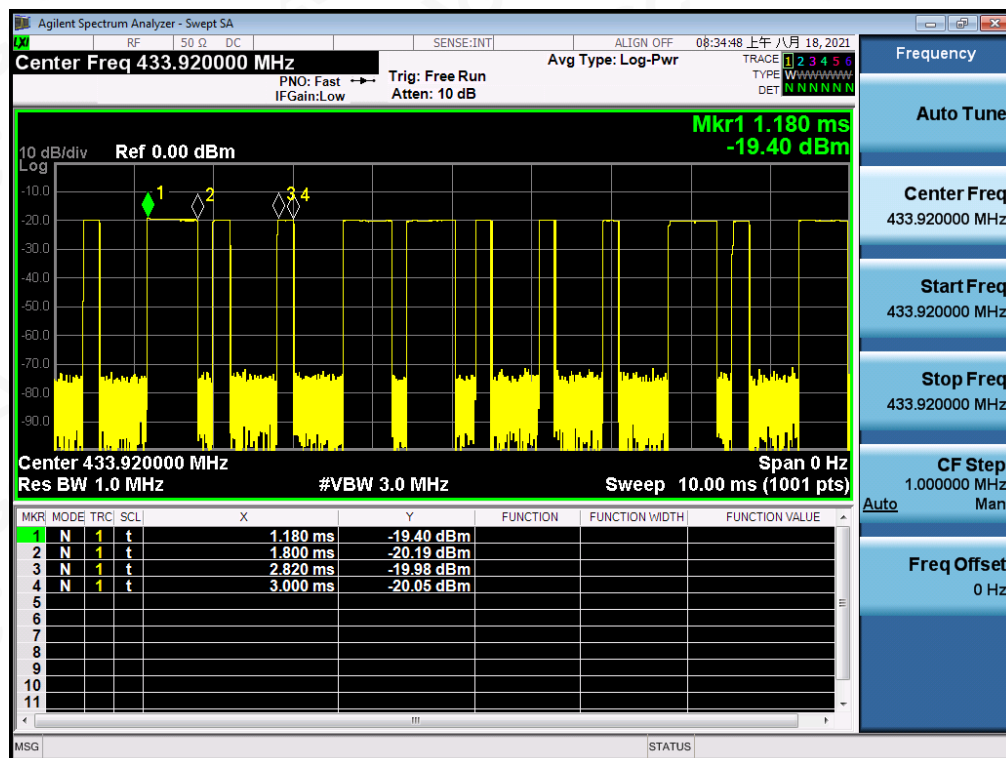
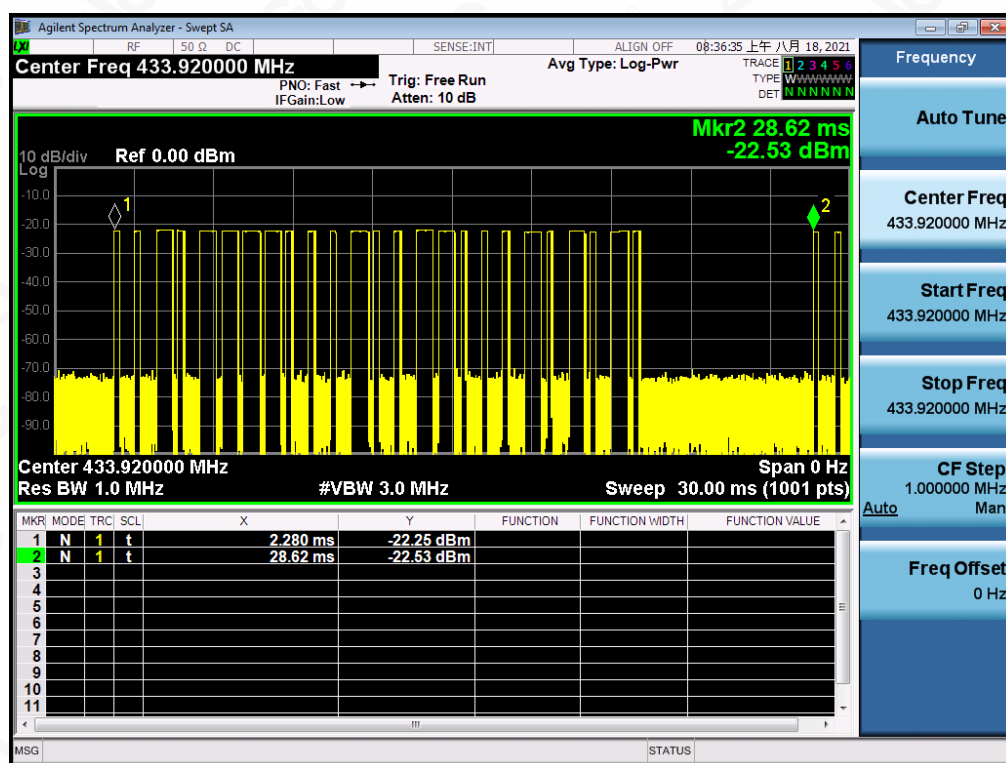
Duty Cycle:	$(0.62 \times 11 + 0.18 \times 14) \text{ms} / 26.34 \text{ms} = 0.3546$
Duty Cycle Correction Factor:	$20 \lg(0.3546) = -9.01 \text{dB}$



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## 10. RADIATED EMISSION

### 10.1. MEASUREMENT PROCEDURE

1. Configure the EUT according to ANSI C63.10. The EUT was placed on the top of the turntable 0.8 meter above ground. The phase center of the receiving antenna mounted on the top of a height-variable antenna tower was placed 3 meters far away from the turntable.
2. Power on the EUT and all the supporting units. The turntable was rotated by 360 degrees to determine the position of the highest radiation.
3. The height of the broadband receiving antenna was varied between one meter and four meters above ground to find the maximum emissions field strength of both horizontal and vertical polarization.
4. For each suspected emissions, the antenna tower was scan (from 1 M to 4 M) and then the turntable was rotated (from 0 degree to 360 degrees) to find the maximum reading.
5. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function with specified bandwidth under Maximum Hold Mode.
6. For emissions below 1GHz, use 120KHz RBW and VBW $\geq$ 3RBW for QP reading.
7. For emissions above 1GHz, use 1MHz VBW and RBW for peak reading. Then 1MHz RBW and 10Hz VBW for average reading in spectrum analyzer.
8. When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds. As an alternative (provided the transmitter operates for longer than 0.1 seconds) or in cases where the pulse train exceeds 0.1 seconds, the measured field strength shall be determined from the average absolute voltage during a 0.1 second interval during which the field strength is at its maximum values.
9. If the emissions level of the EUT in peak mode was 3 dB lower than the average limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method for below 1GHz.
10. For testing above 1GHz, the emissions level of the EUT in peak mode was lower than average limit (that means the emissions level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
11. In case the emission is lower than 30MHz, loop antenna has to be used for measurement and the recorded data should be QP measured by receiver. High - Low scan is not required in this case.
12. Only the worst case is reported.

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The following table is the setting of spectrum analyzer and receiver.

Spectrum Parameter	Setting
Start ~Stop Frequency	9KHz~150KHz/RBW 200Hz for QP
Start ~Stop Frequency	150KHz~30MHz/RBW 9KHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RBW 120KHz for QP
Start ~Stop Frequency	1GHz~26.5GHz 1MHz/1MHz for Peak, 1MHz/10Hz for Average

Receiver Parameter	Setting
Start ~Stop Frequency	9KHz~150KHz/RBW 200Hz for QP
Start ~Stop Frequency	150KHz~30MHz/RBW 9KHz for QP
Start ~Stop Frequency	30MHz~1000MHz/RBW 120KHz for QP

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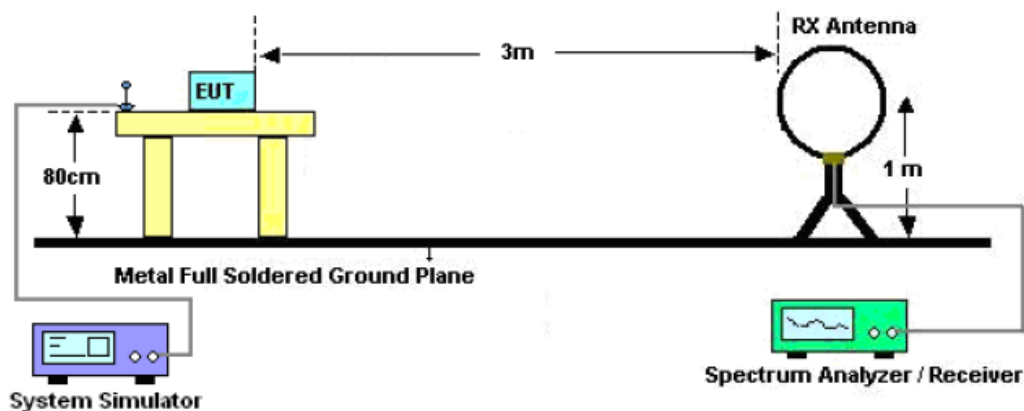
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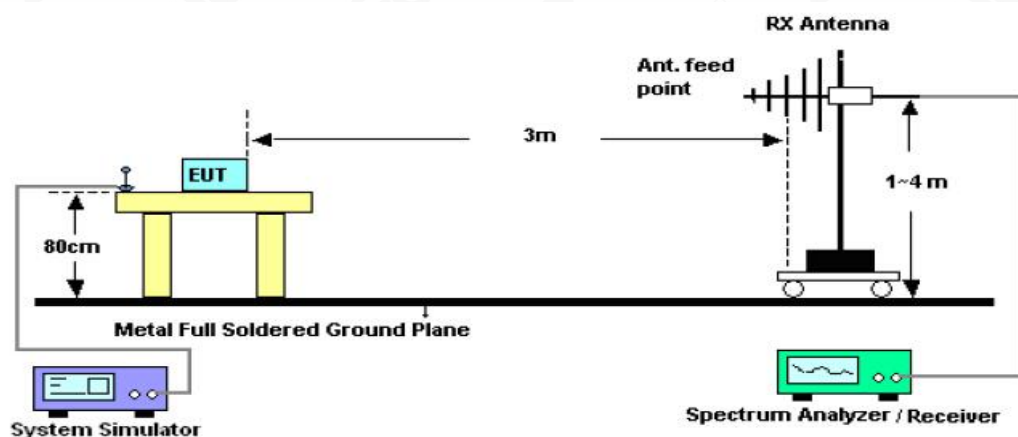


## 10.2. TEST SETUP

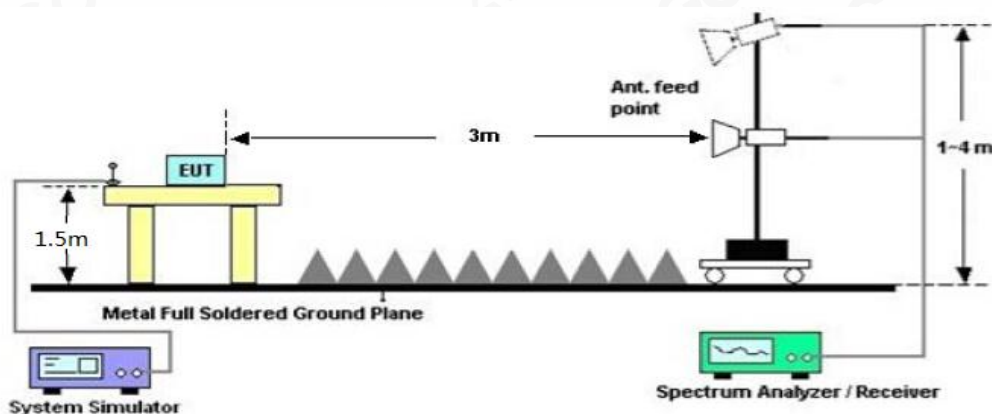
### Radiated Emission Test-Setup Frequency Below 30MHz



### RADIATED EMISSION TEST SETUP 30MHz-1000MHz



### RADIATED EMISSION TEST SETUP ABOVE 1000MHz



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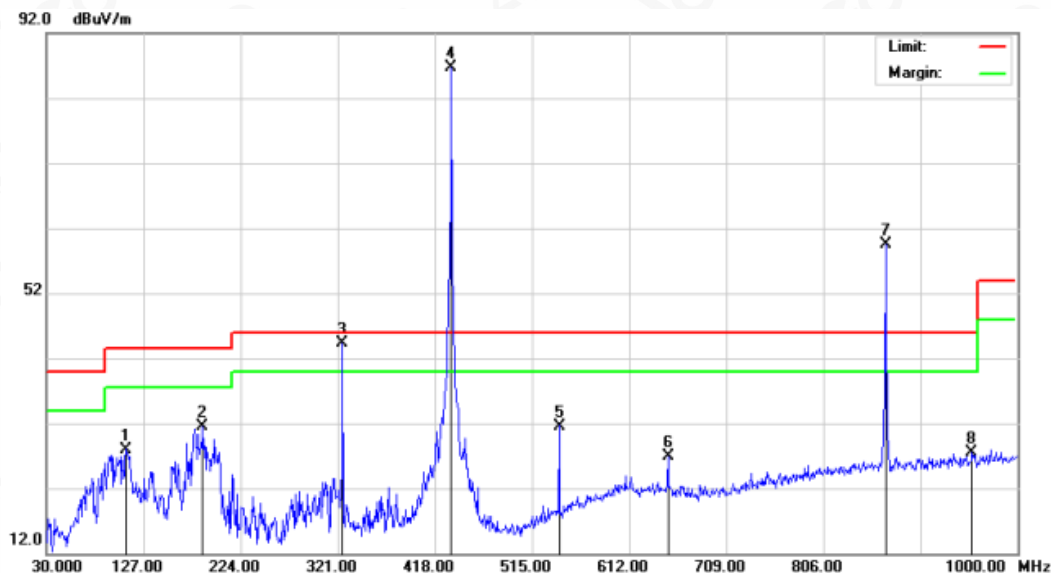
### 10.3. TEST RESULT

**Test Mode: EUT @ 433.92MHz for RF Transmitter**

#### **RADIATED EMISSION BELOW 30MHZ**

No emission found between lowest internal used/generated frequencies to 30MHz.

#### **RADIATED EMISSION BELOW 1GHZ-Horizontal**



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		109.5400	16.76	11.24	28.00	43.50	-15.50	peak
2		186.1699	25.21	6.26	31.47	43.50	-12.03	peak
3	!	325.8500	33.27	10.96	44.23	46.00	-1.77	peak
4	*	433.4900	75.78	10.98	86.76	46.00	40.76	peak
5		542.1598	18.10	13.50	31.60	46.00	-14.40	peak
6		650.7998	10.45	16.54	26.99	46.00	-19.01	peak
7	X	868.0800	39.14	20.30	59.44	46.00	13.44	peak
8		954.4098	6.39	21.17	27.56	46.00	-18.44	peak

#### AV data list

Freq. [MHz]	Peak Level (dBuV/m)	Duty cycle factor(dB)	AV Level (dBuV/m)	FCC Limit (dBuV/m)	Margin (dB)	Polarization
433.9200	86.76	-9.01	77.75	80.82	-3.07	Horizontal
868.0800	59.44	-9.01	50.43	60.82	-10.39	Horizontal

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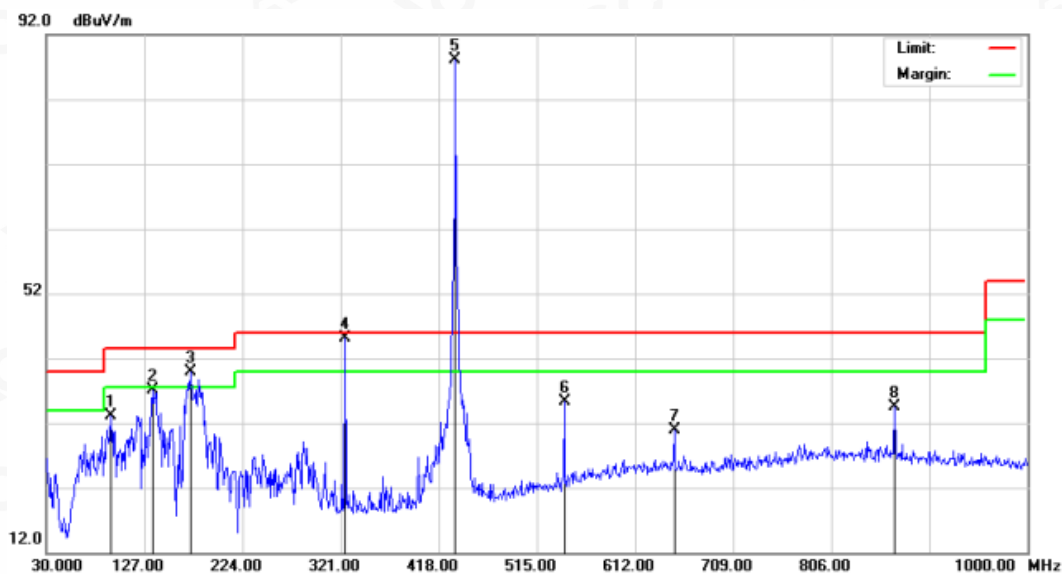
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### RADIATED EMISSION BELOW 1GHZ-Vertical



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector
1		94.0199	23.84	9.19	33.03	43.50	-10.47	peak
2		135.7298	23.85	13.17	37.02	43.50	-6.48	peak
3	!	172.5900	28.08	11.78	39.86	43.50	-3.64	peak
4	!	325.8500	30.82	14.34	45.16	46.00	-0.84	peak
5	*	433.4900	73.16	15.02	88.18	46.00	42.18	peak
6		542.1599	17.15	18.24	35.39	46.00	-10.61	peak
7		650.8000	10.84	20.05	30.89	46.00	-15.11	peak
8		868.0800	12.62	21.89	34.51	46.00	-11.49	peak

#### AV data list

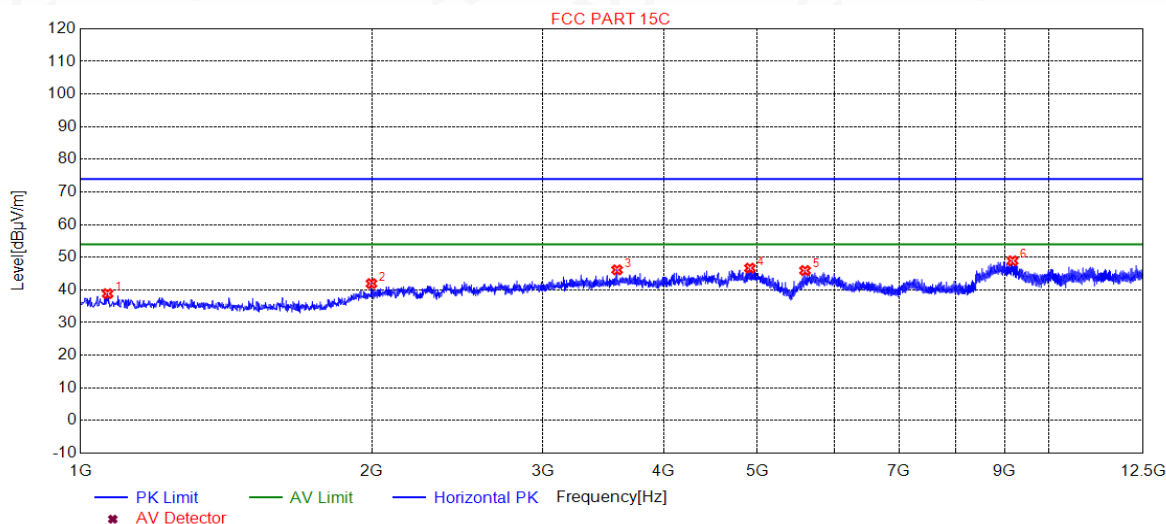
Freq. [MHz]	Peak Level (dBuV/m)	Duty cycle factor(dB)	AV Level (dBuV/m)	FCC Limit (dBuV/m)	Margin (dB)	Polarization
433.4900	88.18	-9.01	79.17	80.82	-1.65	Vertical
868.0800	34.51	-9.01	25.50	60.82	-35.32	Vertical

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### RADIATED EMISSION ABOVE 1GHZ-Horizontal



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1066.7067	38.87	-16.71	74.00	35.13	100	190	Horizontal
2	1997.1497	41.96	-11.85	74.00	32.04	100	190	Horizontal
3	3580.8581	46.15	-7.42	74.00	27.85	100	150	Horizontal
4	4910.3910	46.69	-4.81	74.00	27.31	100	180	Horizontal
5	5598.1598	45.95	-4.98	74.00	28.05	100	180	Horizontal
6	9168.1168	48.92	1.02	74.00	25.08	100	230	Horizontal

#### AV data list

Freq. [MHz]	Peak Level (dBuV/m)	Duty cycle factor(dB)	AV Level (dBuV/m)	FCC Limit (dBuV/m)	Margin (dB)	Polarization
1066.7067	38.87	-9.01	29.86	60.82	30.96	Horizontal
1997.1497	41.96	-9.01	32.95	60.82	27.87	Horizontal
3580.8581	46.15	-9.01	37.14	60.82	23.68	Horizontal
4910.3910	46.69	-9.01	37.68	54.00	16.32	Horizontal
5598.1598	45.95	-9.01	36.94	60.82	23.88	Horizontal
9168.1168	48.92	-9.01	39.91	60.82	20.91	Horizontal

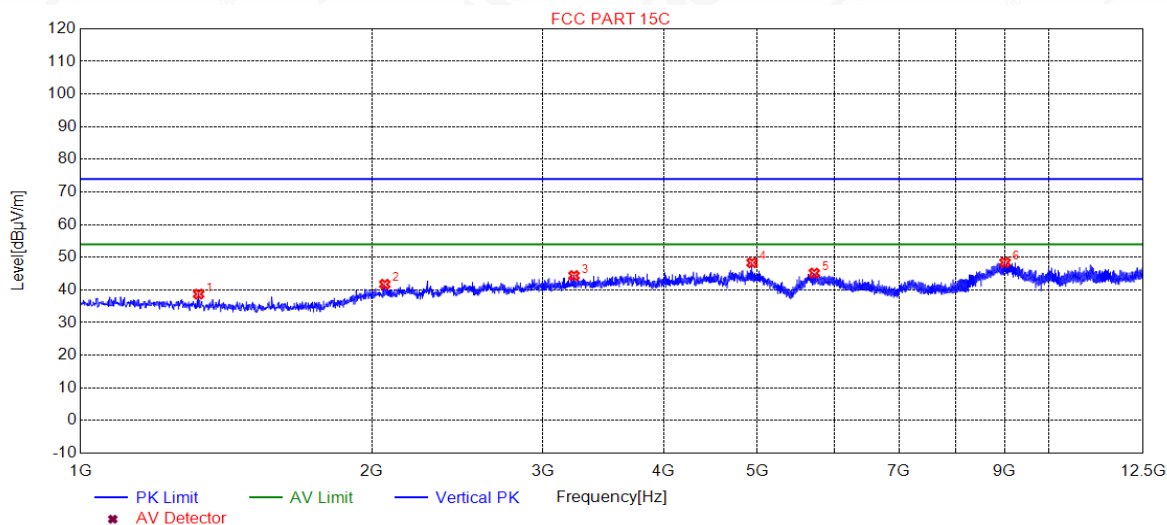
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### RADIATED EMISSION ABOVE 1GHZ-Vertical



NO.	Freq. [MHz]	Level [dBμV/m]	Factor [dB]	Limit [dBμV/m]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1324.3324	38.74	-16.96	74.00	35.26	100	300	Vertical
2	2061.5562	41.75	-11.56	74.00	32.25	100	20	Vertical
3	3232.3732	44.40	-8.53	74.00	29.60	100	330	Vertical
4	4935.6936	48.33	-4.78	74.00	25.67	100	20	Vertical
5	5722.3722	45.17	-4.58	74.00	28.83	100	0	Vertical
6	9005.9506	48.40	1.61	74.00	25.60	100	150	Vertical

#### AV data list

Freq. [MHz]	Peak Level (dBuV/m)	Duty cycle factor(dB)	AV Level (dBuV/m)	FCC Limit (dBuV/m)	Margin (dB)	Polarization
1324.3324	38.74	-9.01	29.73	54.00	24.27	Vertical
2061.5562	41.75	-9.01	32.74	60.82	28.08	Vertical
3232.3732	44.40	-9.01	35.39	60.82	25.43	Vertical
4935.6936	48.33	-9.01	39.32	54.00	14.68	Vertical
5722.3722	45.17	-9.01	36.16	60.82	24.66	Vertical
9005.9506	48.40	-9.01	39.39	60.82	21.43	Vertical

### RESULT: PASS

**Note:** 1. Factor=Antenna Factor + Cable loss - Amplifier gain, Margin= Limit-Level.

2. The "Factor" value can be calculated automatically by software of measurement system.

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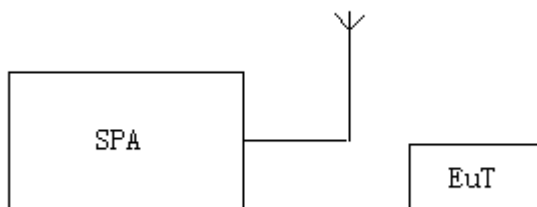


## 11. BANDWIDTH

### 11.1. MEASUREMENT PROCEDURE

1. Set the parameters of SPA as below:  
Centre frequency = Operation Frequency  
RBW=0.3KHz  
VBW=1.0KHz  
Span: 60kHz  
Sweep time: Auto
2. Set the EUT to continue transmitting mode. Allow the trace to stabilize. Use the “N dB down” function of SPA to define the bandwidth.
3. Record the plots and Reported.

### 11.2. TEST SETUP



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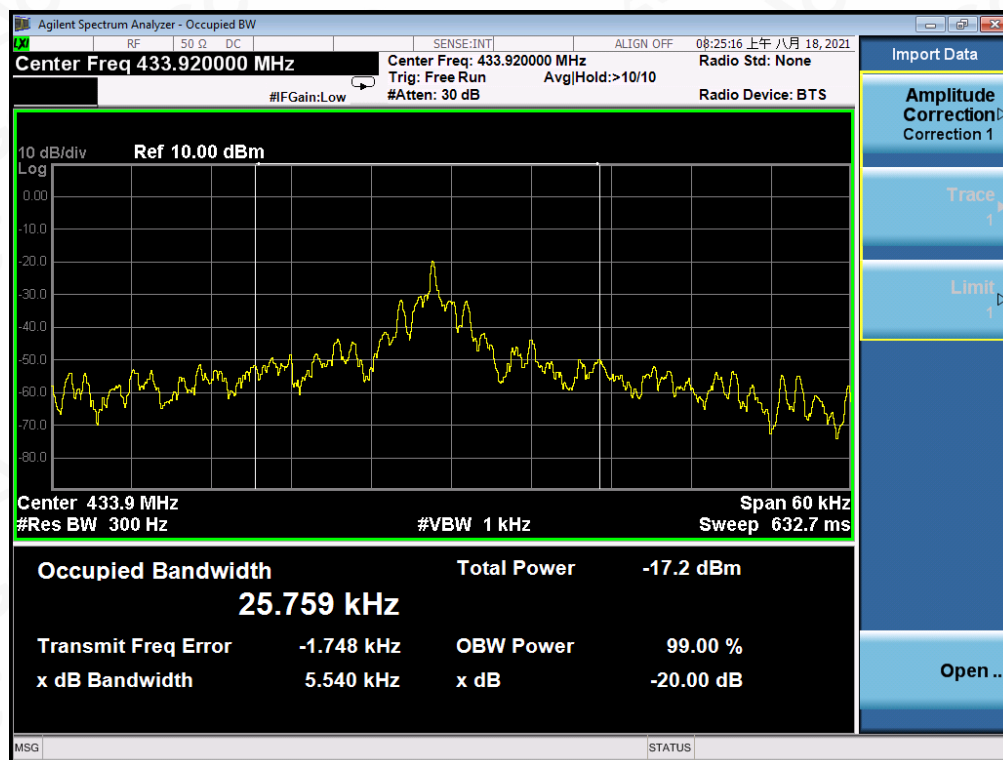
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### 11.3. TEST RESULT

#### Test Mode: EUT @ 433.92MHz for RF Transmitter

-20dB bandwidth	LIMIT	RESULT
5.540KHz	1084.8KHz	Pass
Note: Limit= Operation Frequency x0.25%		



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## 12. FCC LINE CONDUCTED EMISSION TEST

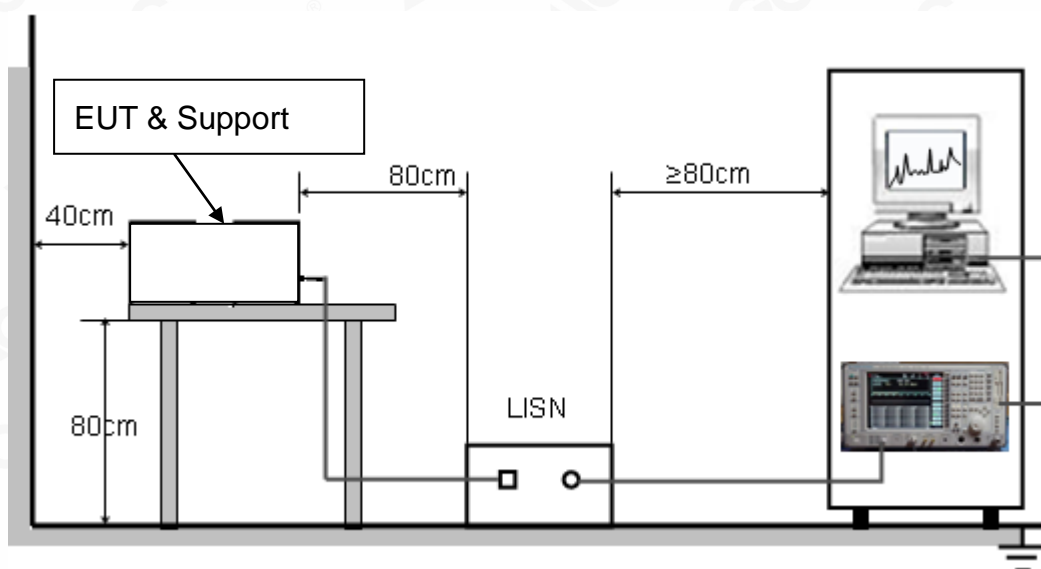
### 12.1. LIMITS OF LINE CONDUCTED EMISSION TEST

Frequency	Maximum RF Line Voltage	
	Q.P.( dBuV)	Average( dBuV)
150kHz~500kHz	66-56	56-46
500kHz~5MHz	56	46
5MHz~30MHz	60	50

**Note:** 1. The lower limit shall apply at the transition frequency.

2. The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50 MHz.

### 12.2. BLOCK DIAGRAM OF LINE CONDUCTED EMISSION TEST



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### 12.3. PRELIMINARY PROCEDURE OF LINE CONDUCTED EMISSION TEST

1. The equipment was set up as per the test configuration to simulate typical actual usage per the user's manual. When the EUT is a tabletop system, a wooden table with a height of 0.8 meters is used and is placed on the ground plane as per ANSI C63.10 (see Test Facility for the dimensions of the ground plane used). When the EUT is a floor-standing equipment, it is placed on the ground plane which has a 3-12 mm non-conductive covering to insulate the EUT from the ground plane.
2. Support equipment, if needed, was placed as per ANSI C63.10.
3. All I/O cables were positioned to simulate typical actual usage as per ANSI C63.10.
4. All support equipment received AC120V/60Hz power from a LISN, if any.
5. The EUT received power from control board which received AC120V/60Hz power from a LISN.
6. The test program was started. Emissions were measured on each current carrying line of the EUT using a spectrum Analyzer / Receiver connected to the LISN powering the EUT. The LISN has two monitoring points: Line 1 (Hot Side) and Line 2 (Neutral Side). Two scans were taken: one with Line 1 connected to Analyzer / Receiver and Line 2 connected to a 50 ohm load; the second scan had Line 1 connected to a 50 ohm load and Line 2 connected to the Analyzer / Receiver.
7. Analyzer / Receiver scanned from 150 kHz to 30MHz for emissions in each of the test modes.
8. During the above scans, the emissions were maximized by cable manipulation.
9. The test mode(s) were scanned during the preliminary test.

Then, the EUT configuration and cable configuration of the above highest emission level were recorded for reference of final testing.

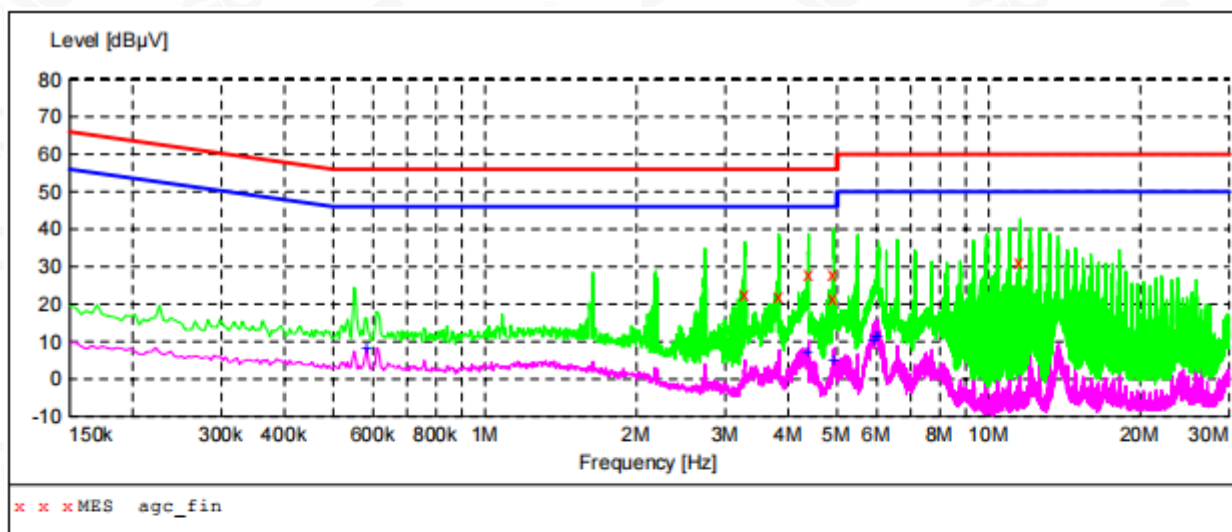
### 12.4. FINAL PROCEDURE OF LINE CONDUCTED EMISSION TEST

1. EUT and support equipment was set up on the test bench as per step 2 of the preliminary test.
2. A scan was taken on both power lines, Line 1 and Line 2, recording at least the six highest emissions. Emission frequency and amplitude were recorded into a computer in which correction factors were used to calculate the emission level and compare reading to the applicable limit. If EUT emission level was less – 2dB to the A.V. limit in Peak mode, then the emission signal was re-checked using Q.P and Average detector.
3. The test data of the worst case condition(s) was reported on the Summary Data page.



## 12.5. TEST RESULT OF LINE CONDUCTED EMISSION TEST

### Line Conducted Emission Test Line 1-L



#### MEASUREMENT RESULT: "agc\_fin"

2021/8/12 17:35

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
3.282000	22.50	6.5	56	33.5	QP	L1	GND
3.830000	22.00	6.5	56	34.0	QP	L1	GND
4.390000	27.70	6.5	56	28.3	QP	L1	GND
4.926000	21.80	6.6	56	34.2	QP	L1	GND
4.934000	27.70	6.6	56	28.3	QP	L1	GND
11.542000	31.20	7.4	60	28.8	QP	L1	GND

#### MEASUREMENT RESULT: "agc\_fin2"

2021/8/12 17:35

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.582000	8.30	5.4	46	37.7	AV	L1	GND
4.390000	6.90	6.5	46	39.1	AV	L1	GND
4.934000	5.20	6.6	46	40.8	AV	L1	GND
5.898000	10.60	6.6	50	39.4	AV	L1	GND
5.962000	11.20	6.6	50	38.8	AV	L1	GND
6.034000	11.50	6.6	50	38.5	AV	L1	GND

**RESULT: PASS**

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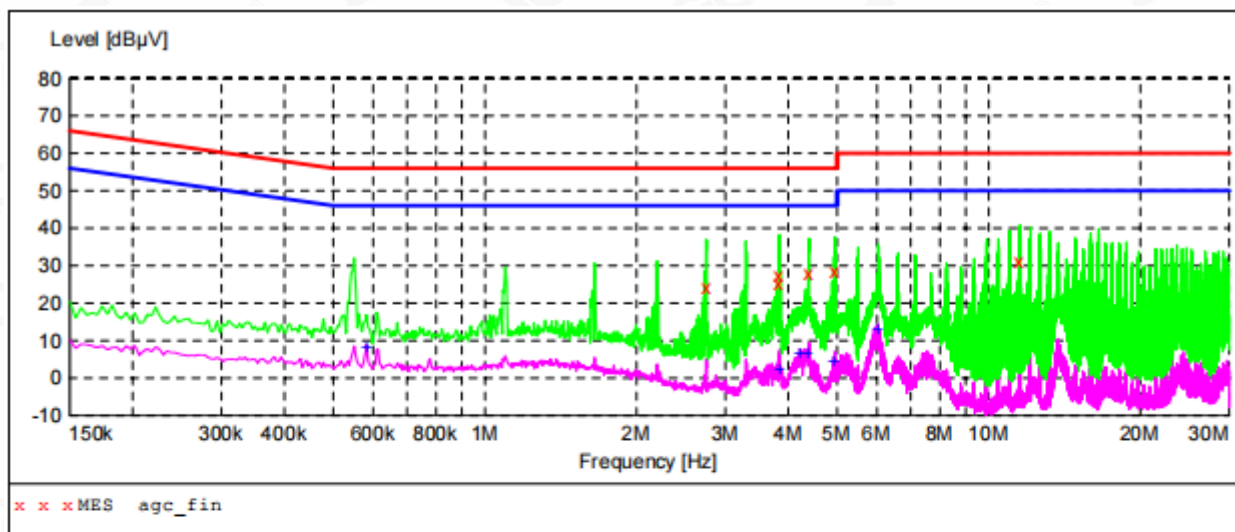
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### Line Conducted Emission Test Line 2-N



#### MEASUREMENT RESULT: "agc\_fin"

2021/8/12 17:38

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
2.754000	24.30	6.5	56	31.7	QP	N	GND
3.842000	27.50	6.5	56	28.5	QP	N	GND
3.854000	25.30	6.5	56	30.7	QP	N	GND
4.398000	27.70	6.5	56	28.3	QP	N	GND
4.950000	28.40	6.6	56	27.6	QP	N	GND
11.538000	31.10	7.4	60	28.9	QP	N	GND

#### MEASUREMENT RESULT: "agc\_fin2"

2021/8/12 17:38

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Detector	Line	PE
0.582000	8.30	5.4	46	37.7	AV	N	GND
3.854000	2.40	6.5	46	43.6	AV	N	GND
4.226000	6.60	6.5	46	39.4	AV	N	GND
4.398000	6.60	6.5	46	39.4	AV	N	GND
4.950000	4.40	6.6	46	41.6	AV	N	GND
6.026000	12.80	6.6	50	37.2	AV	N	GND

**RESULT: PASS**

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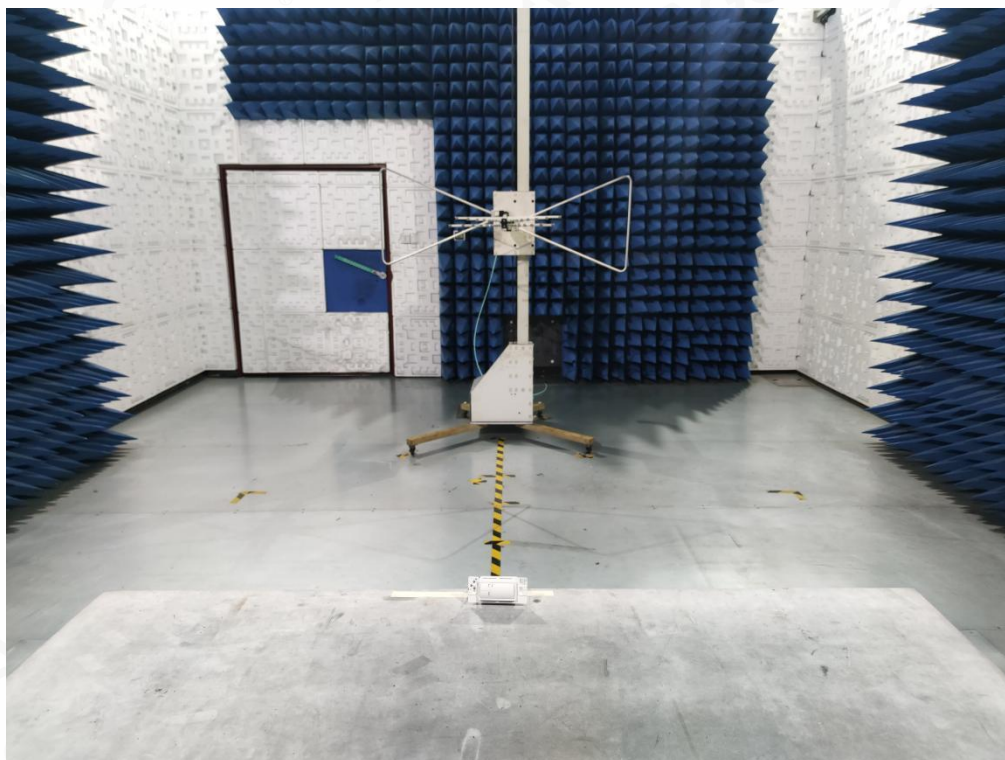
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## APPENDIX A: PHOTOGRAPHS OF TEST SETUP

### FCC RADIATED EMISSION TEST SETUP-BELOW 1GHz



FCC RADIATED EMISSION TEST SETUP-ABOVE 1GHz



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## CONDUCTED EMISSION TEST SETUP



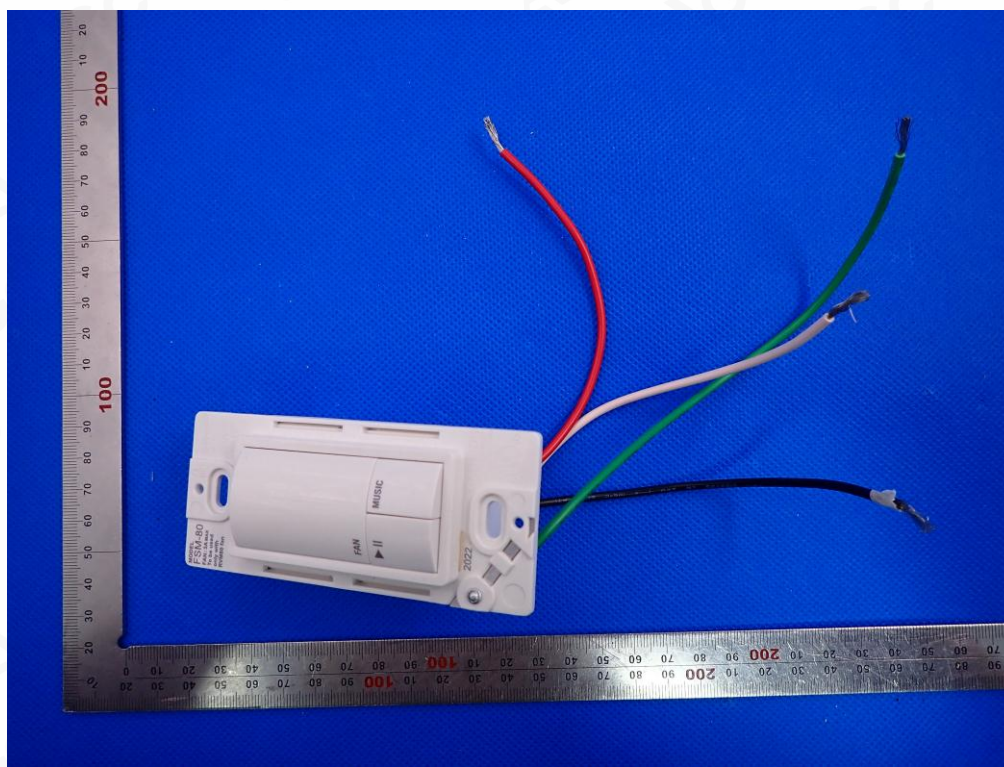
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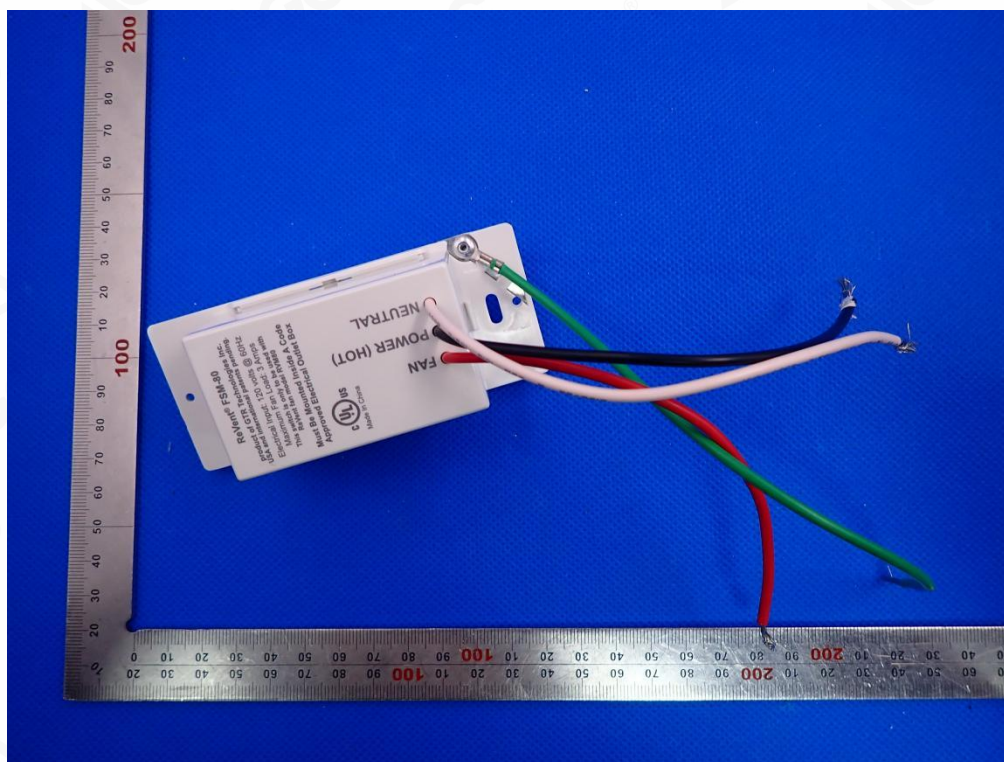


## APPENDIX B: PHOTOGRAPHS OF EUT

TOP VIEW OF EUT



BOTTOM VIEW OF EUT



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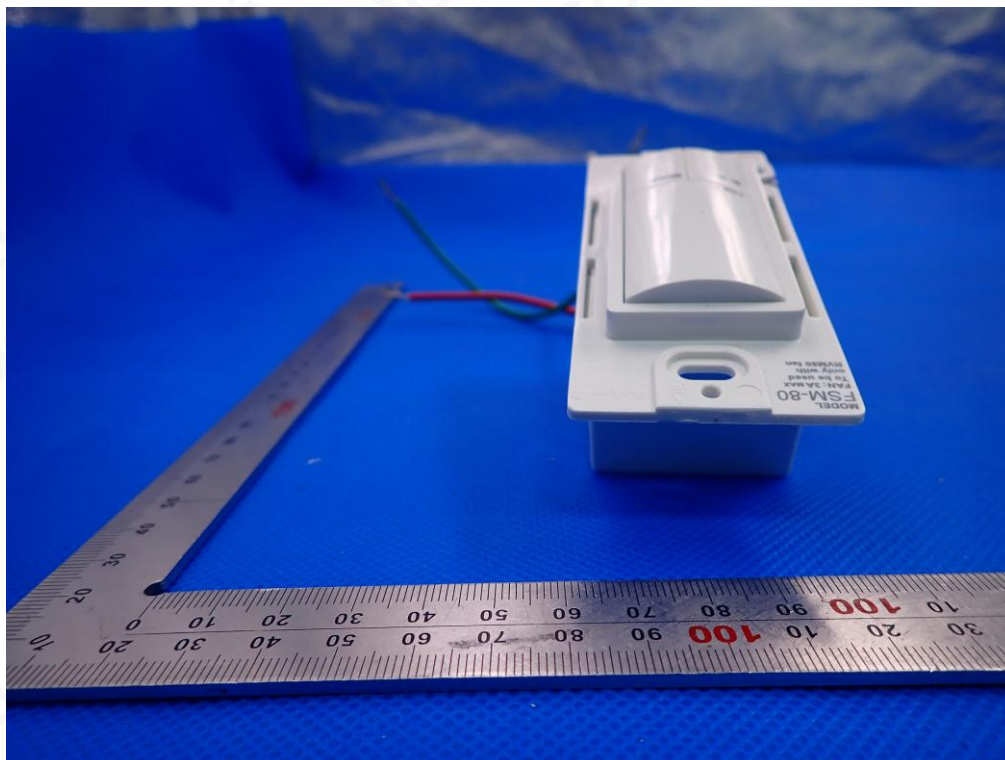
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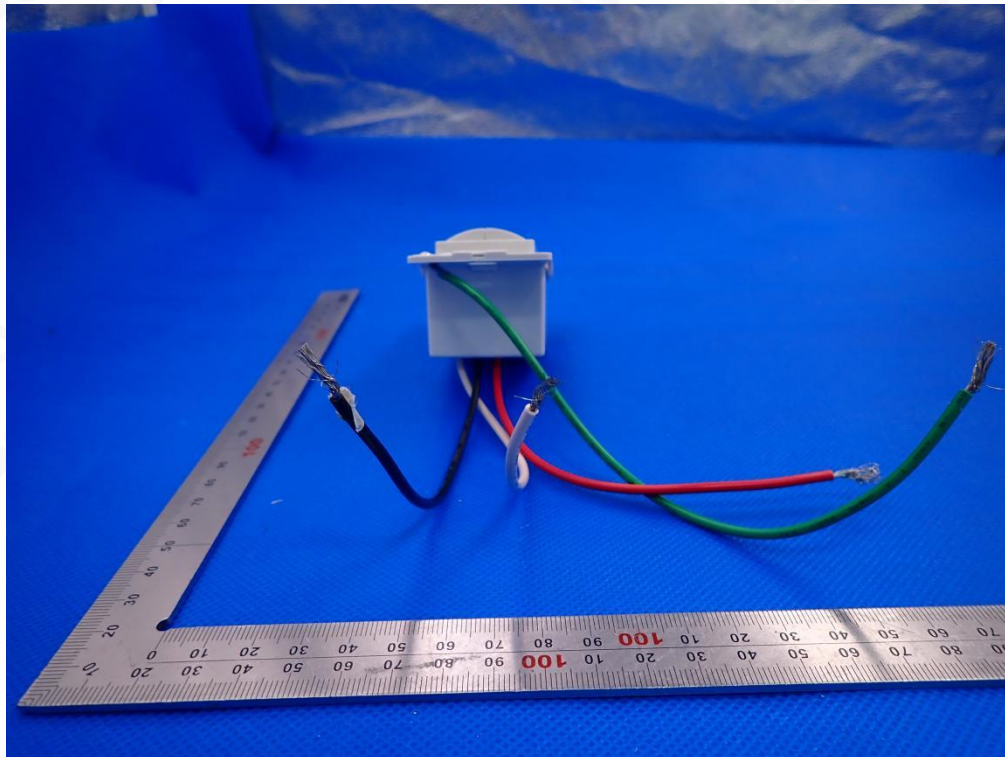




FRONT VIEW OF EUT



BACK VIEW OF EUT



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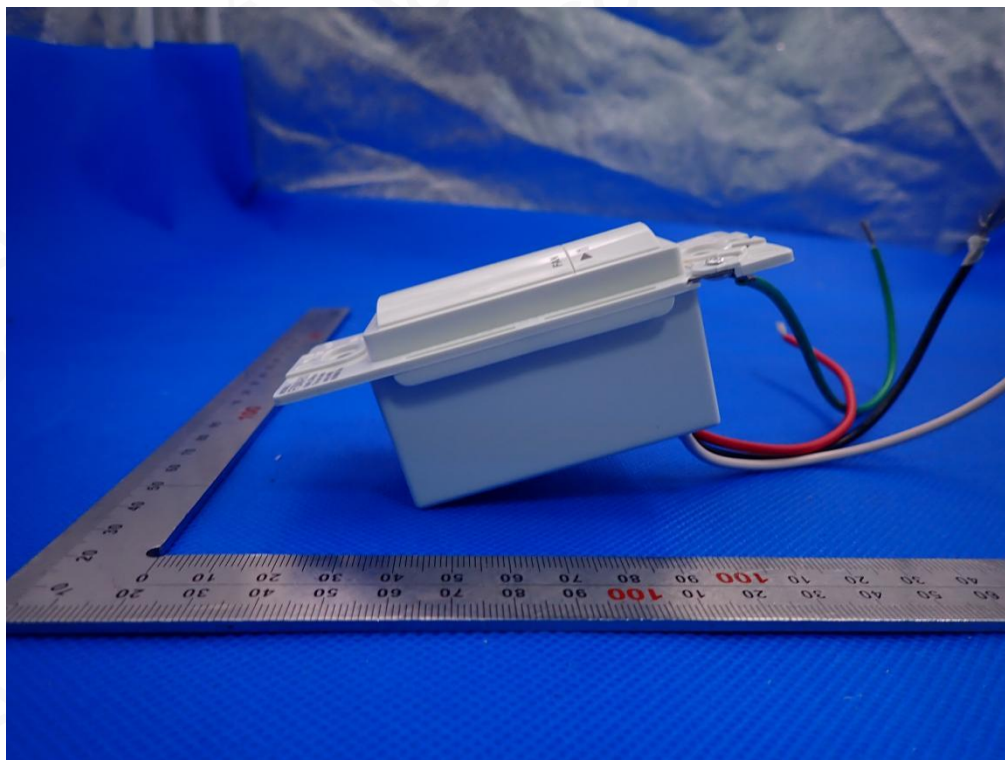
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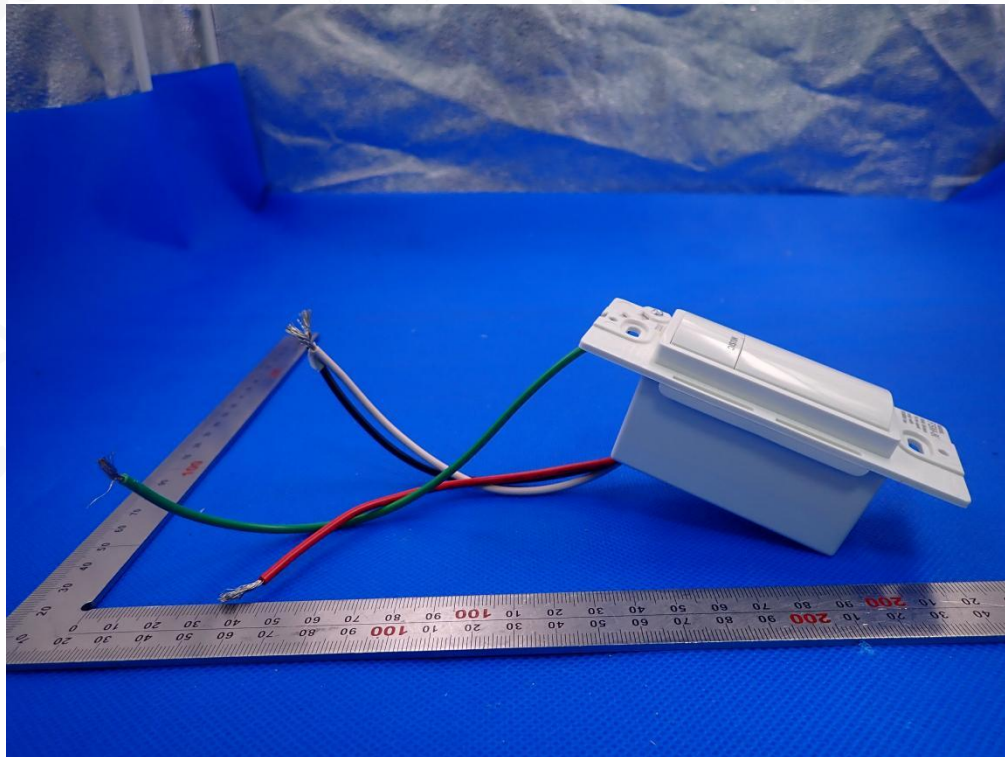
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LEFT VIEW OF EUT



RIGHT VIEW OF EUT



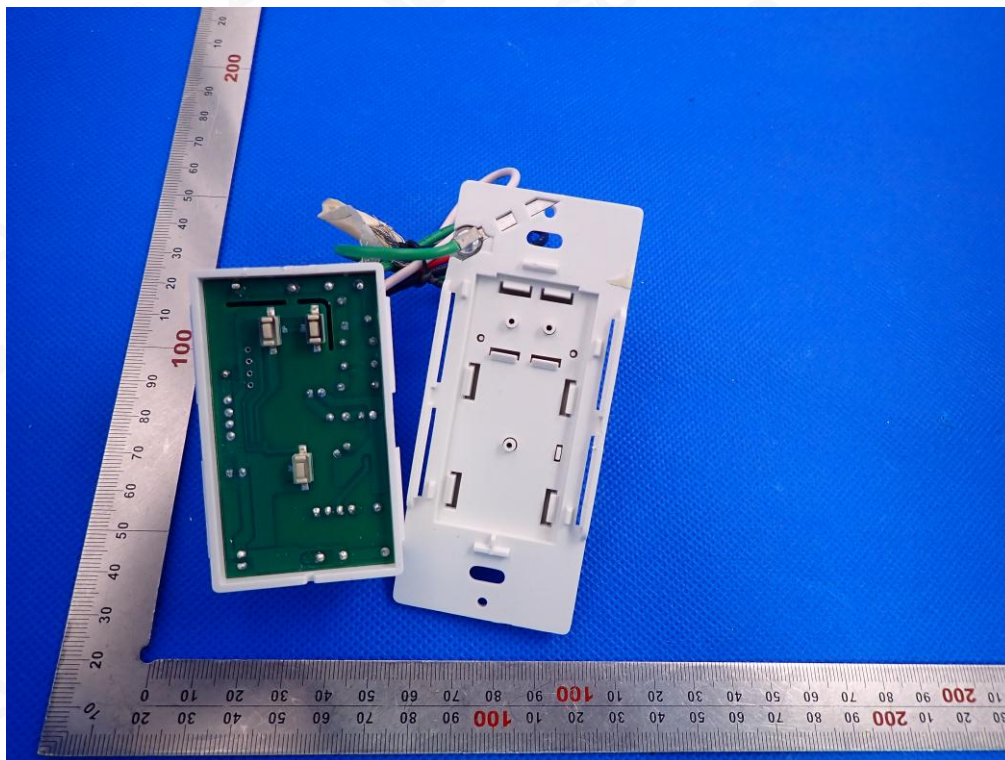
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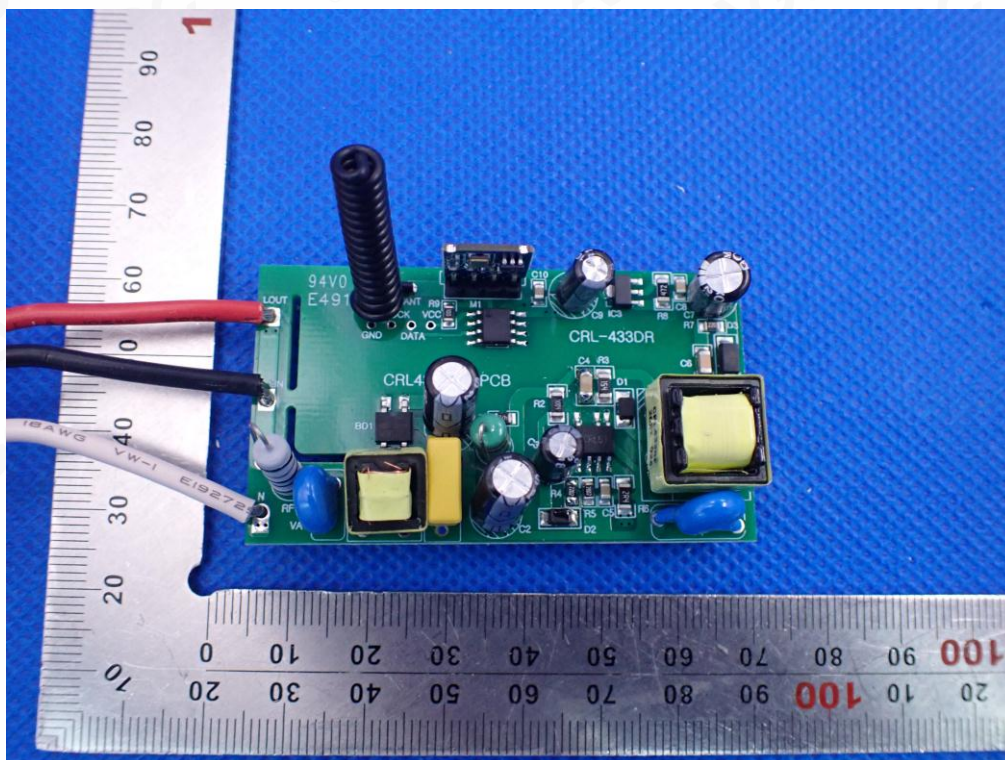




OPEN VIEW OF EUT



INTERNAL VIEW-1 OF EUT



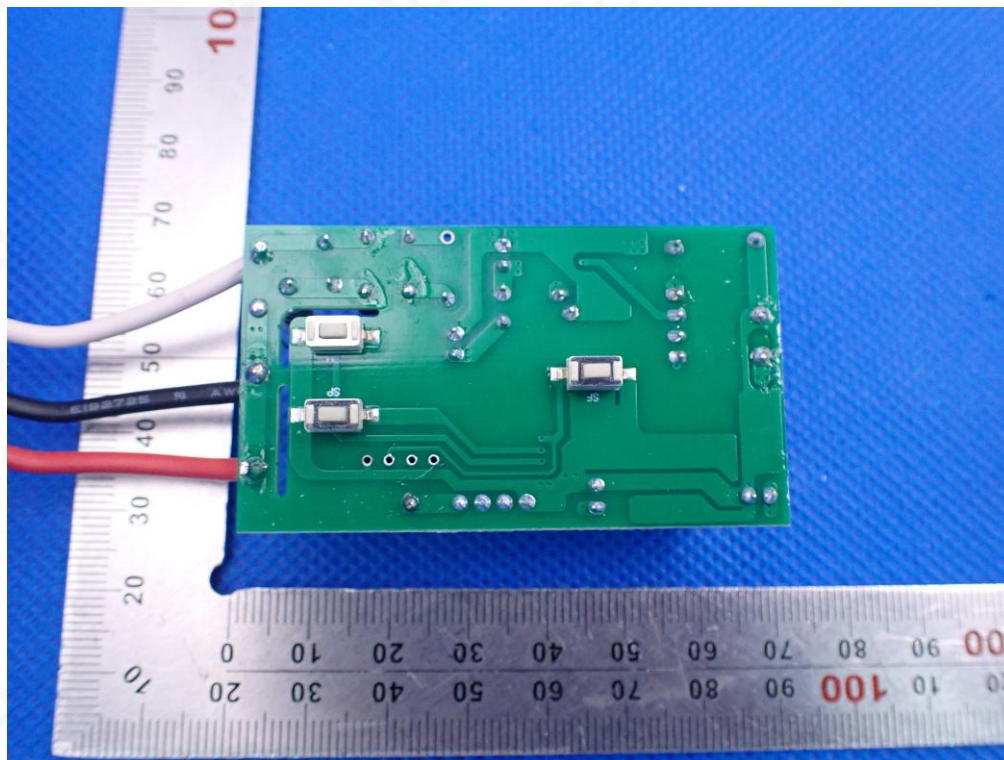
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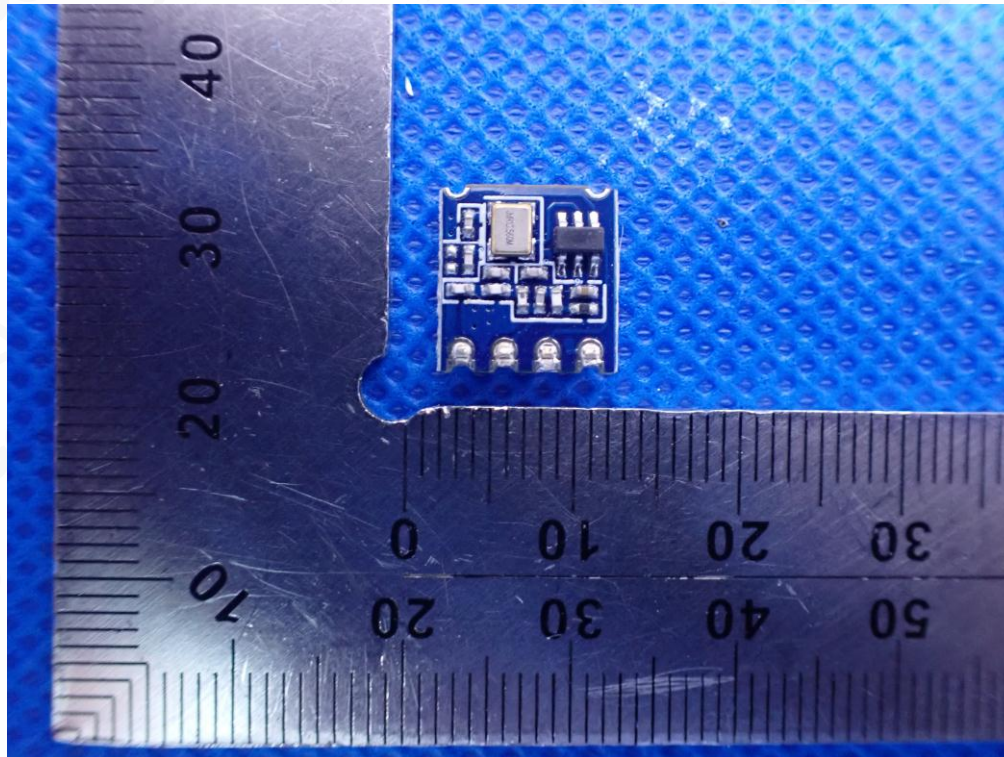




INTERNAL VIEW-2 OF EUT



INTERNAL VIEW-3 OF EUT



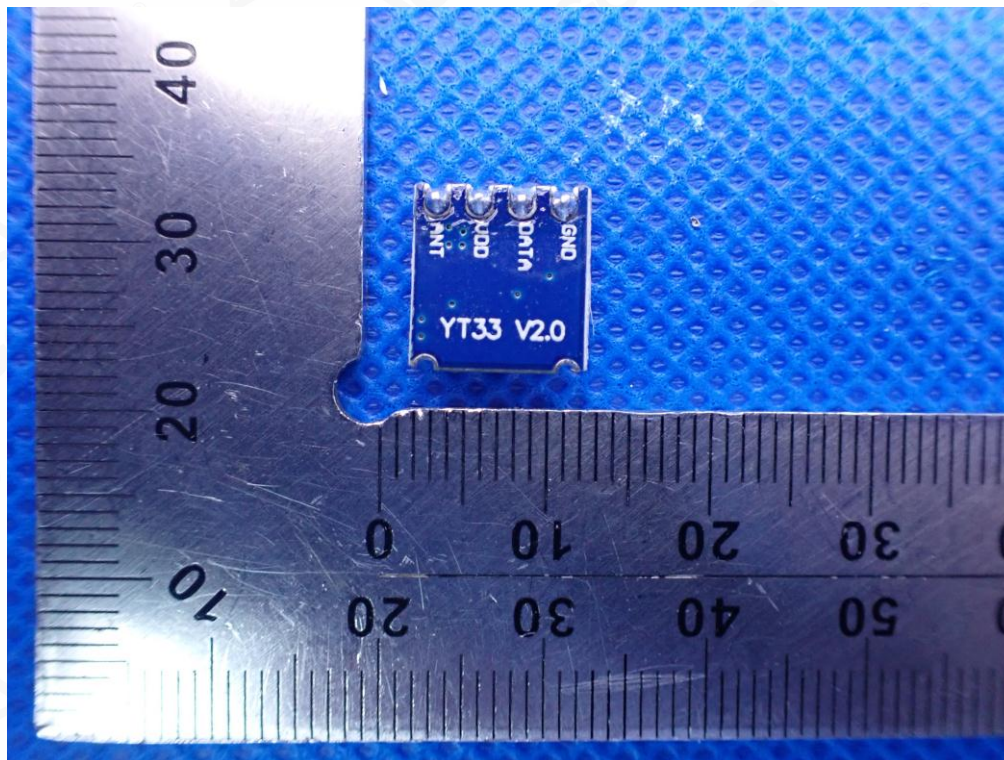
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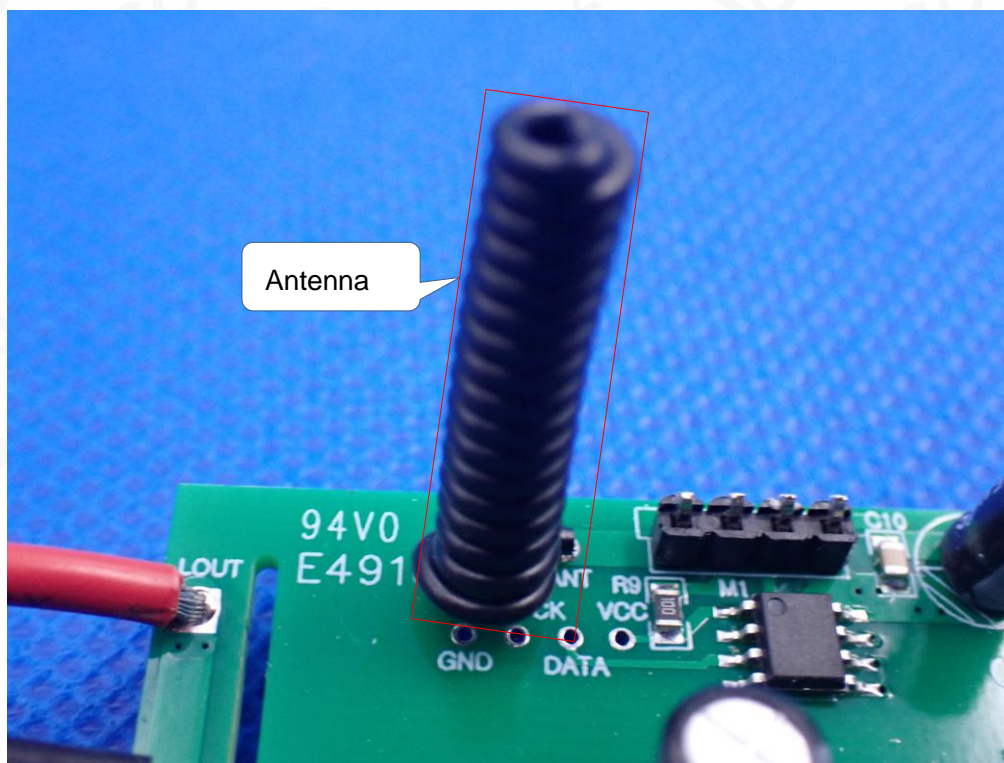




INTERNAL VIEW-4 OF EUT



INTERNAL VIEW-5 OF EUT



----END OF REPORT----

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## Conditions of Issuance of Test Reports

1. All samples and goods are accepted by the Attestation of Global Compliance (Shenzhen) Co., Ltd (the “Company”) solely for testing and reporting in accordance with the following terms and conditions. The company provides its services on the basis that such terms and conditions constitute express agreement between the company and any person, firm or company requesting its services (the “Clients”).
2. Any report issued by Company as a result of this application for testing services (the “Report”) shall be issued in confidence to the Clients and the Report will be strictly treated as such by the Company. It may not be reproduced either in its entirety or in part and it may not be used for advertising or other unauthorized purposes without the written consent of the Company. The Clients to whom the Report is issued may, however, show or send it, or a certified copy thereof prepared by the Company to its customer, supplier or other persons directly concerned. The Company will not, without the consent of the Clients, enter into any discussion or correspondence with any third party concerning the contents of the Report, unless required by the relevant governmental authorities, laws or court orders.
3. The Company shall not be called or be liable to be called to give evidence or testimony on the Report in a court of law without its prior written consent, unless required by the relevant governmental authorities, laws or court orders.
4. The non-CMA report issued by AGC is only permitted to be used by the client as internal reference use and shall not be used for public demonstration purpose.
5. In the event of the improper use of the report as determined by the Company, the Company reserves the right to withdraw it, and to adopt any other additional remedies which may be appropriate.
6. Samples submitted for testing are accepted on the understanding that the Report issued cannot form the basis of, or be the instrument for, any legal action against the Company.
7. The Company will not be liable for or accept responsibility for any loss or damage however arising from the use of information contained in any of its Reports or in any communication whatsoever about its said tests or investigations.
8. Clients wishing to use the Report in court proceedings or arbitration shall inform the Company to that effect prior to submitting the sample for testing.
9. The Company is not responsible for recalling the electronic version of the original report when any revision is made to them. The Client assumes the responsibility to providing the revised version to any interested party who uses them.
10. Subject to the variable length of retention time for test data and report stored hereinto as otherwise specifically required by individual accreditation authorities, the Company will only keep the supporting test data and information of the test report for a period of six years. The data and information will be disposed of after the aforementioned retention period has elapsed. Under no circumstances shall we provide any data and information which has been disposed of after retention period. Under no circumstances shall we be liable for damage of any kind, including (but not limited to) compensatory damages, lost profits, lost data, or any form of special, incidental, indirect, consequential or punitive damages of any kind, whether based on breach of contract of warranty, tort (including negligence), product liability or otherwise, even if we are informed in advance of the possibility of such damages.

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