EMC TEST REPORT
for
VCOM INTERNATIONAL LTD.

PC HEADPHONE
Model No.: DE143U, DE011, DE018, DE063, DE081, DE091, DE102, DE112, DE115, DE117, DE121, DE125, DE126, DE129, DE133, DE135, DE136, DE144, DE160, DE185, DE191, DE801, DE801M, DE802, DE803, DE805, DE811, DE812, DE813, DE814, DE815, DE816, DEXXXX(In Item No: DEXXXX,"X"can represent any letter from A-Z or any number from 0-9)

Prepared for	:	VCOM INTERNATIONAL LTD.
Address	:	Youke Business Center. Bulding D 2F/1, Kexin Rd, Tangxia, Tianhe District, Guangzhou City, Guangdong Province, China
Prepared by	:	Shenzhen Anbotek Compliance Laboratory Limited
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Report Number	:	R0116121005E
Date of Test	:	Dec. 23~29, 2016
Date of Report	:	Dec. 29, 2016

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Test Report Verification

TEST REPORT VERIFICATION

Applicant	:	VCOM INTERNATIONAL LTD.
Manufacturer	:	Huizhou Weixin Electronic Technology Ltd.
EUT	:	PC HEADPHONE
Model No.	:	DE143U, DE011, DE018, DE063, DE081, DE091, DE102, DE112, DE115, DE117, DE121, DE125, DE126, DE129, DE133, DE135, DE136, DE144, DE160, DE185, DE191, DE801, DE801M, DE802, DE803, DE805, DE811, DE812, DE813, DE814, DE815, DE816, DEXXXX(In Item No: DEXXXX,"X"can represent any letter from A-Z or any number from 0-9)
Rating	:	DC 5V
Trade Mark	:	N.A.

Measurement Procedure Used:
EN 55032: 2015;
EN 55024: 2010+A1: 2015;
(IEC 61000-4-2; IEC 61000-4-3)

The device described above is tested by Shenzhen Anbotek Compliance Laboratory Limited to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and Shenzhen Anbotek Compliance Laboratory Limited is assumed full of responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT (Equipment Under Test) is technically compliant with the EN 55032 and EN 55024 requirements. The Project in IEC 61000-4-3 was tested in Shenzhen EMTEK Co., Ltd.
This report applies to above tested sample only and shall not be reproduced in part without written approval of Shenzhen Anbotek Compliance Laboratory Limited.

Date of Test : Dec. 23~29, 2016

Prepared by : Baron Wen
(Engineer/ Baron Wen)

Reviewer : Angel Deng
(Project Manager/ Angel Deng)

Approved & Authorized Signer : Tom Chen
(Manager/ Tom Chen)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

EUT	:	PC HEADPHONE
Model Number	:	DE143U, DE011, DE018, DE063, DE081, DE091, DE102, DE112, DE115, DE117, DE121, DE125, DE126, DE129, DE133, DE135, DE136, DE144, DE160, DE185, DE191, DE801, DE801M, DE802, DE803, DE805, DE811, DE812, DE813, DE814, DE815, DE816, DEXXXX(In Item No: DEXXXX,"X"can represent any letter from A-Z or any number from 0-9) (Note: All samples are the same except the model number & appearance, so we prepare “DE143U” for EMC test only.)
Test Power Supply	:	DC 5V via USB Port
Applicant	:	VCOM INTERNATIONAL LTD.
Address	:	Youke Business Center. Bulding D 2F/1, Kexin Rd, Tangxia, Tianhe District, Guangzhou City, Guangdong Province, China
Manufacturer	:	Huizhou Weixin Electronic Technology Ltd.
Address	:	Xiao Penggang, LongXi, Boluo, Huizhou, Guangdong, China
Factory	:	Huizhou Weixin Electronic Technology Ltd.
Address	:	Xiao Penggang, LongXi, Boluo, Huizhou, Guangdong, China
Date of receipt	:	Dec. 23, 2016
Date of Test	:	Dec. 23~29, 2016

1.2.Auxiliary Equipment Used during Test

PC	:	Manufacturer: DELL M/N: Optiplex 3020 MT S/N: CN-079V51-70163-4AD-089K-A00 Input Rating: AC 100-240V, 50-60Hz 5.4A CE , FCC DOC, CCC
MONITOR	:	Manufacturer: DELL M/N: UZ2215Hf S/N: CN-035VN6-72872-45A-A3AB Input Rating: AC 100-240V, 50-60Hz, 1.5A Output Rating: DC 19.5V, 4.62A TUV-GS FCC CE KCC VCCI
KEYBOARD	:	Manufacturer: DELL M/N: SK-8120 S/N: CN-0DJ365-71616-49J-0MVR-A00 Input Rating: DC 5V,0.05A CE FCC VCCI KCC TUV-GS Cable: 1.8m, unshielded
MOUSE	:	Manufacturer: DELL M/N: MS111-T S/N: CN-0KW2YH-71616-488-1CBJ Input Rating: DC 5V,0.1A Cable: 1.8m, unshielded CE FCC VCCI KCC TUV-GS
Printer	:	Manufacturer:Brother M/N: MFC-3360C S/N: N/A CE, FCC:DOC

1.3. Description of Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

FCC-Registration No.: 752021
Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Ons Commission. The acceptance letter from the FCC is maintained in our files. Registration 752021, July 06, 2016.

IC-Registration No.: 8058A-1
Shenzhen Anbotek Compliance Laboratory Limited, EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada. The acceptance letter from the IC is maintained in our files. Registration 8058A-1, June 13, 2016.

CNAS - LAB Code: L3503
Shenzhen Anbotek Compliance Laboratory Limited., Laboratory has been assessed and in compliance with CNAS/CL01: 2006 accreditation criteria for testing laboratories (identical to ISO/IEC 17025:2005 General Requirements) for the Competence of Testing Laboratories.

Test Location
All Emissions tests were performed
Shenzhen Anbotek Compliance Laboratory Limited. at 1/F., Building 1, SEC Industrial Park, No.0409 Qianhai Road, Nanshan District, Shenzhen, Guangdong, China

1.4. Measurement Uncertainty

Radiation Uncertainty	:	Ur = 4.1dB (Horizontal) Ur = 4.3dB (Vertical)
Conduction Uncertainty	:	Uc = 3.4dB

1.5. Test Summary

For the EUT described above. The standards used were EN 55032 for Emissions & EN 55024 for Immunity.

Table 1 : Tests Carried Out Under EN 55032: 2015

Standard	Test Items	Status
EN 55032: 2015 (Class B)	Power Line Conducted Emission Test (150KHz To 30MHz)	√
EN 55032: 2015 (Class B)	Radiated Emission Test (30MHz To 1000MHz)	√

Table 2 : Tests Carried Out Under EN 55024: 2010+A1: 2015

Standard	Test Items	Status
EN 55024: 2010+A1: 2015	Electrostatic Discharge immunity Test	√
EN 55024: 2010+A1: 2015	RF Field Strength susceptibility Test	√
EN 55024: 2010+A1: 2015	Electrical Fast Transient/Burst Immunity Test	x
EN 55024: 2010+A1: 2015	Surge Immunity Test	x
EN 55024: 2010+A1: 2015	Injected Currents Susceptibility Test	x
EN 55024: 2010+A1: 2015	Magnetic Field Susceptibility Test	x
EN 55024: 2010+A1: 2015	Voltage Dips and Interruptions Test	x

√ Indicates that the test is applicable
x Indicates that the test is not applicable

1.6. EMS Performance Criteria

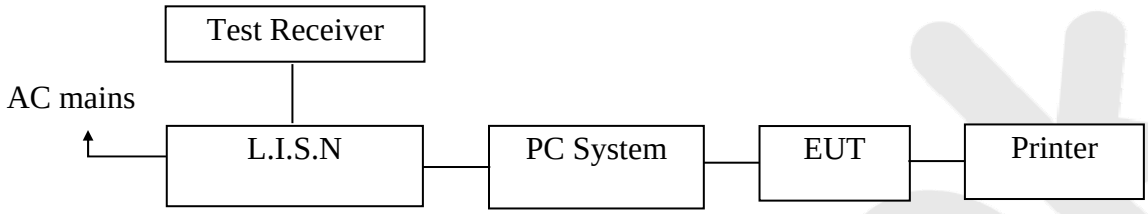
√ A: Normal performance within the specification limits
√ B: Temporary degradation or loss of function or performance which is self-recoverable
√ C: Temporary degradation or loss of function or performance which requires operator intervention or system reset
√ D: Degradation or loss of function which is not recoverable due to damage of equipment (components) or software, or loss of data

Note: The manufacturer's specification may define effects on the EUT which may be considered insignificant, and therefore acceptable.

This classification may be used as a guide in formulating performance criteria, by committees responsible for generic, product and product-family standards, or as a framework for the agreement on performance criteria between the manufacturer and the purchaser, for example where no suitable generic, product or product-family standard exists.

2. POWER LINE CONDUCTED EMISSION TEST

2.1. Block Diagram of Test Setup



2.2. Measuring Standard

EN 55032: 2015 (Class B)

2.3. Power Line Conducted Emission Limits

EN 55032: 2015 (Class B)

Power Line Conducted Emission Limits

Frequency (MHz)	Limit (dBμV)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66.0 ~ 56.0 *	56.0 ~ 46.0 *
0.50 ~ 5.00	56.0	46.0
5.00 ~ 30.00	60.0	50.0
NOTE1-The lower limit shall apply at the transition frequencies. NOTE2-The limit decreases linearly with the logarithm of the frequency in the range 0.15MHz to 0.50MHz.		

2.4. EUT Configuration on Measurement

The following equipments are installed on conducted emission measurement to meet EN 55032 requirements and operating in a manner which tends to maximize its emission characteristics in a normal application.

2.5. Operating Condition of EUT

2.5.1. Setup the EUT as shown on Section 2.1.

2.5.2. Turn on the Power of all equipments.

2.5.3. Let the EUT work in measuring mode (On) and measure it.

2.6. Test Procedure

The EUT is put on the plane 0.8 m high above the ground by insulating support and connected to the AC mains through Line Impedance Stability Network(L.I.S.N). This provided a 50ohm coupling impedance for the tested equipments. Both sides of AC line are investigated to find out the maximum conducted emission according to the EN 55032 regulations during conducted emission measurement.

The bandwidth of the field strength meter (R&S Test Receiver ESCI) is set at 9kHz in 150kHz~30MHz.

The frequency range from 150kHz to 30MHz is investigated for AC mains.

The test results are listed in Section 2.8.

2.7. Test Equipment

The following test equipments are used during the power line conducted measurement:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Two-Line V-network	Rohde & Schwarz	ENV216	100055	Jul. 19, 2016	1 Year
2.	EMI Test Receiver	Rohde & Schwarz	ESCI	100627	Jun. 17, 2016	1 Year
3.	RF Switching Unit	Compliance Direction	RSU-M2	38303	Jun. 17, 2016	1 Year

2.8. Measuring Results

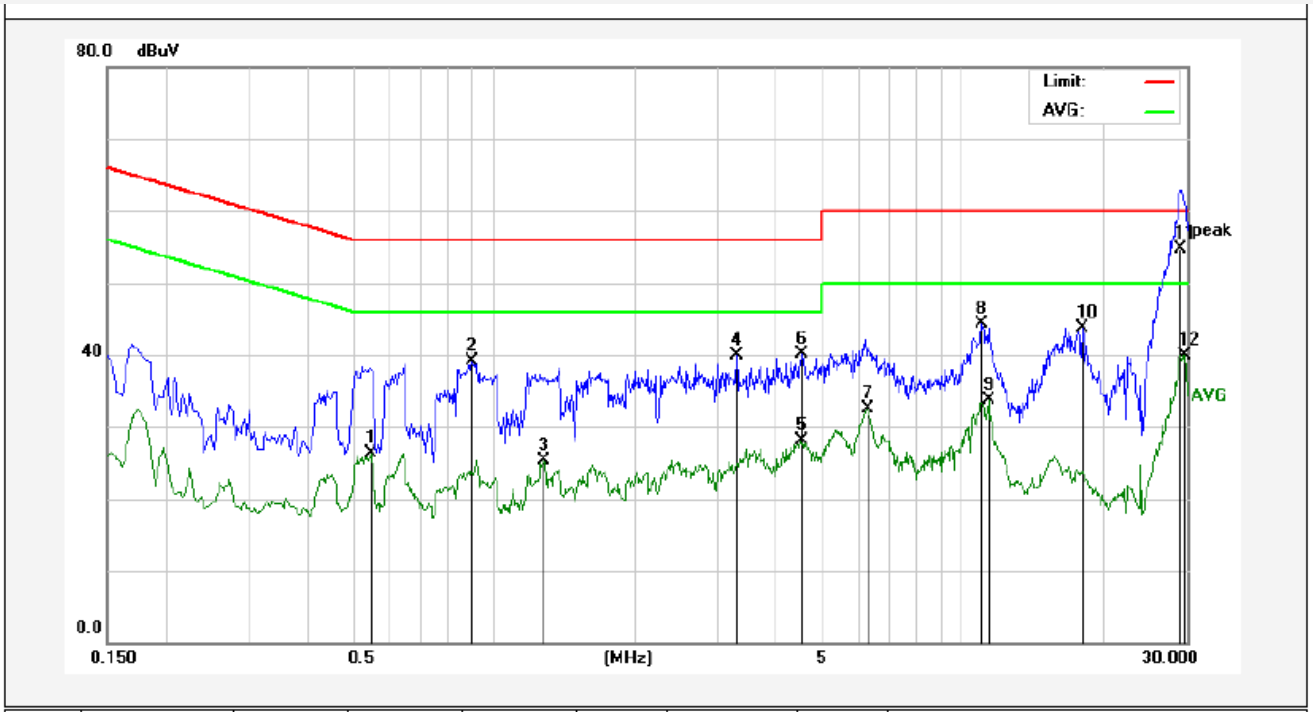
PASS

The frequency range 150KHz to 30MHz is investigated

The test curves are shown in the following pages.

CONDUCTED EMISSION TEST DATA

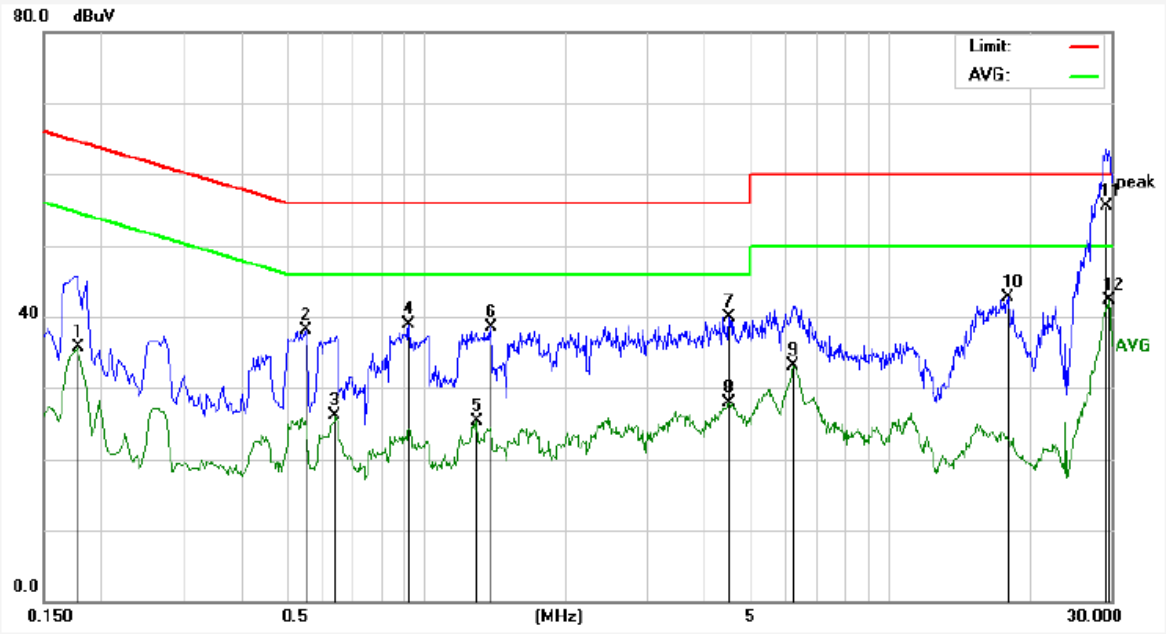
Test Site:	1# Shielded Room
Operating Condition:	On
Test Specification:	DC 5V via USB Port
Comment:	L
	Temp.: 22.2℃ Hum.: 60%



No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit dBuV	Over Limit (dB)	Detector	Remark
1	0.5500	6.32	19.99	26.31	46.00	-19.69	AVG	
2	0.9020	19.05	20.09	39.14	56.00	-16.86	QP	
3	1.2860	5.08	20.13	25.21	46.00	-20.79	AVG	
4	3.2940	19.68	20.17	39.85	56.00	-16.15	QP	
5	4.5060	7.82	20.19	28.01	46.00	-17.99	AVG	
6	4.5340	19.85	20.19	40.04	56.00	-15.96	QP	
7	6.2380	12.20	20.24	32.44	50.00	-17.56	AVG	
8	10.9940	24.05	20.32	44.37	60.00	-15.63	QP	
9	11.3220	13.35	20.32	33.67	50.00	-16.33	AVG	
10	17.9820	23.49	20.31	43.80	60.00	-16.20	QP	
11	29.2140	34.43	20.27	54.70	60.00	-5.30	QP	
12	29.6980	19.57	20.27	39.84	50.00	-10.16	AVG	

CONDUCTED EMISSION TEST DATA

Test Site:	1# Shielded Room
Operating Condition:	On
Test Specification:	DC 5V via USB Port
Comment:	N
	Temp.: 22.2℃ Hum.: 60%

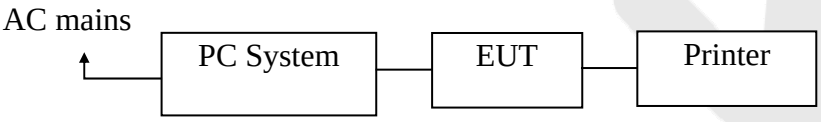


No.	Freq. (MHz)	Reading (dBuV)	Factor (dB)	Result (dBuV)	Limit dBuV	Over Limit (dB)	Detector	Remark
1	0.1780	15.77	19.90	35.67	54.57	-18.90	AVG	
2	0.5540	18.01	20.00	38.01	56.00	-17.99	QP	
3	0.6380	6.07	20.02	26.09	46.00	-19.91	AVG	
4	0.9220	18.71	20.10	38.81	56.00	-17.19	QP	
5	1.2900	5.15	20.13	25.28	46.00	-20.72	AVG	
6	1.3820	18.31	20.13	38.44	56.00	-17.56	QP	
7	4.5060	19.68	20.19	39.87	56.00	-16.13	QP	
8	4.5060	7.66	20.19	27.85	46.00	-18.15	AVG	
9	6.1979	12.88	20.24	33.12	50.00	-16.88	AVG	
10	18.0060	22.33	20.31	42.64	60.00	-17.36	QP	
11	29.2460	35.29	20.27	55.56	60.00	-4.44	QP	
12	29.7180	21.95	20.27	42.22	50.00	-7.78	AVG	

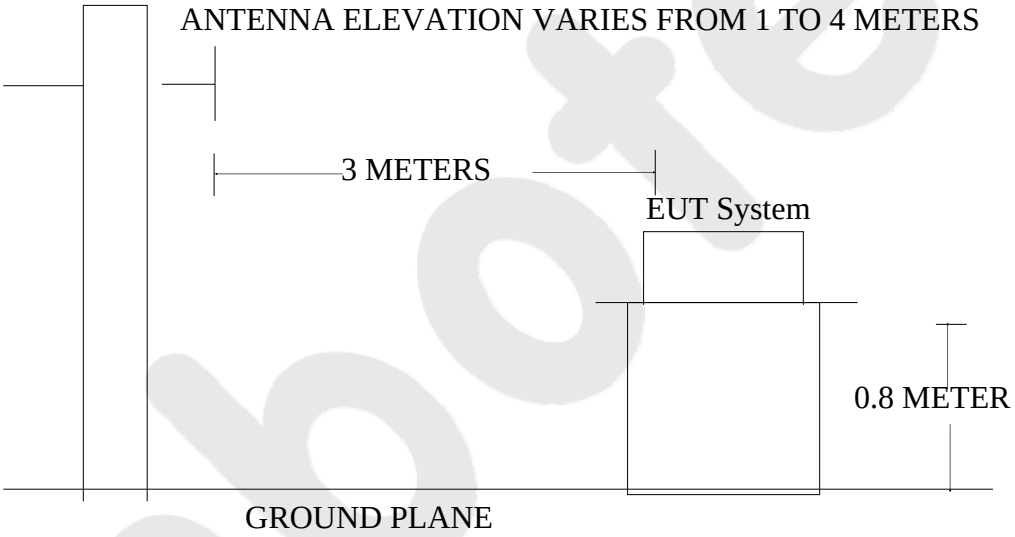
3. RADIATED EMISSION TEST

3.1. Block Diagram of Test

3.1.1. Block diagram of connection between the EUT and simulators



3.1.2. Block diagram of test setup (In chamber)



3.2. Measuring Standard

EN 55032: 2015 (Class B)

3.3. Radiated Emission Limits

3.3.1. EN 55032: 2015 (Class B)

Radiated Emission Limits

All emanations from an EN 55032 device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified below:

FREQUENCY (MHz)	DISTANCE (Meters)	FIELD STRENGTHS LIMIT (dBμV/m)
30 ~ 230	3	40
230 ~ 1000	3	47

Note: (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.

3.4. EUT Configuration on Test

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

3.5. Operating Condition of EUT

3.5.1. Turn on the power.

3.5.2. Let the EUT work in test mode (On) and measure it.

3.6. Test Procedure

The EUT is placed on a turn table which is 0.8 meter high above the ground. The turn table 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. Bilog antenna is used as a receiving antenna. Both horizontal and vertical polarization of the antenna are set on test.

The bandwidth of the Receiver (ESCI) is set at 120kHz.

The EUT is tested in 9*6*6 Chamber.

The test results are listed in Section 3.8.

3.7. Test Equipment

The following test equipments are used during the radiated emission measurement:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	EMI Test Receiver	Rohde & Schwarz	ESPI	101604	Jun. 17, 2016	1 Year
2.	Bilog Broadband Antenna	Schwarzbeck	VULB9163	VULB 9163-289	May 06, 2016	1 Year
3.	Pre-amplifier	SONOMA	310N	186860	Jun. 17, 2016	1 Year

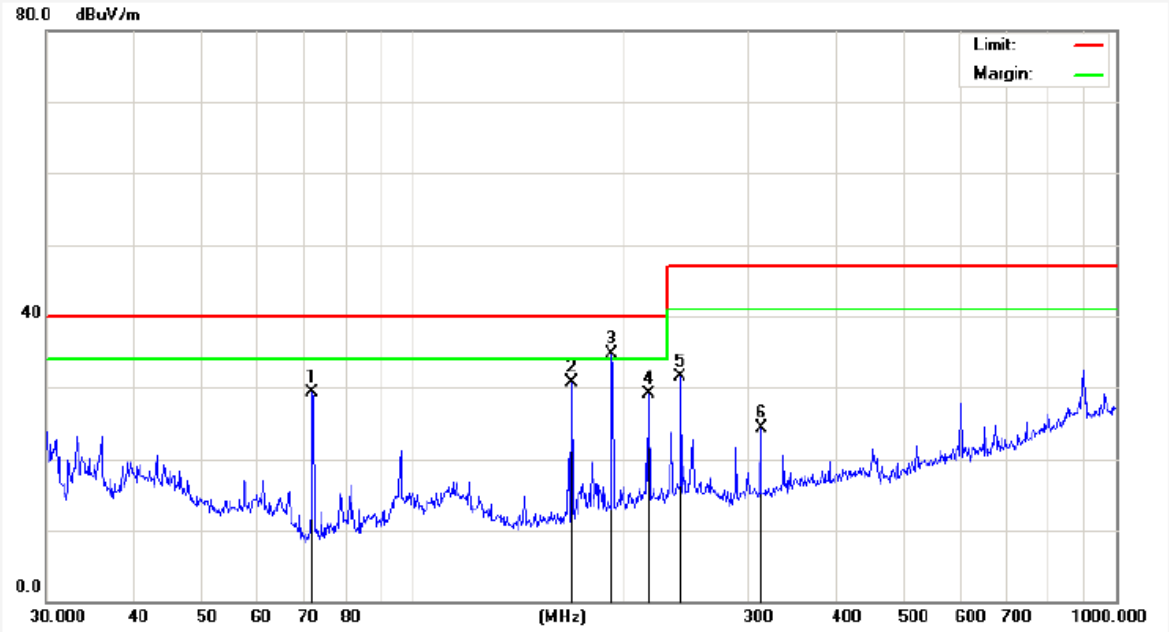
3.8. Measuring Results

PASS

The frequency range from 30MHz to 1000MHz is investigated.

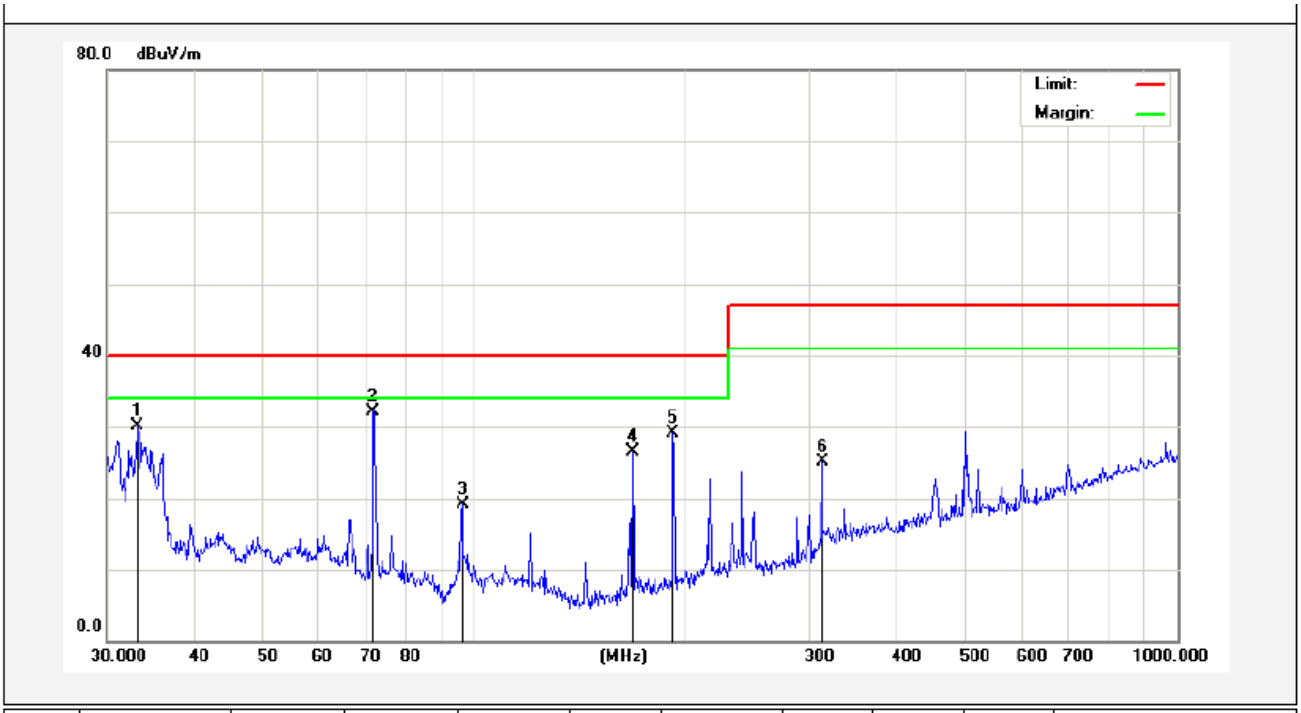
The test curves are shown in the following pages.

Job No.:	**AT0116121005E**	**Polarization:**	**Vertical**
Standard:	**(RE)EN 55032_class B_3m**	**Power Source:**	**DC 5V via USB Port**
Test item:	**Radiation Test**	**Temp.(℃)/Hum.(%RH):**	**24.3(℃)/55%RH**
Note:	**On**	**Distance:**	**3m**



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	71.8320	58.91	-29.63	29.28	40.00	-10.72	peak			
2	167.8243	56.92	-26.23	30.69	40.00	-9.31	peak			
3	191.7450	59.18	-24.46	34.72	40.00	-5.28	peak			
4	216.0240	52.79	-23.78	29.01	40.00	-10.99	peak			
5	239.9874	54.12	-22.60	31.52	47.00	-15.48	peak			
6	312.1794	47.30	-22.93	24.37	47.00	-22.63	peak			

Job No.:	**AT0116121005E**	**Polarization:**	**Horizontal**
Standard:	**(RE)EN 55032_class B_3m**	**Power Source:**	**DC 5V via USB Port**
Test item:	**Radiation Test**	**Temp.(℃)/Hum.(%RH):**	**24.3(℃)/55%RH**
Note:	**On**	**Distance:**	**3m**

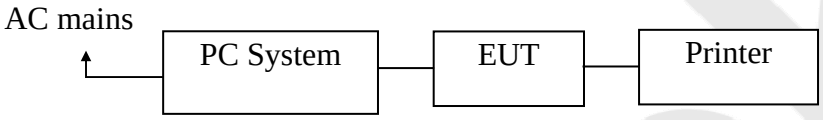


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	33.2112	56.31	-26.24	30.07	40.00	-9.93	peak			
2	71.8320	61.83	-29.63	32.20	40.00	-7.80	peak			
3	96.0986	48.92	-29.84	19.08	40.00	-20.92	peak			
4	167.8243	57.68	-31.23	26.45	40.00	-13.55	peak			
5	191.7450	58.53	-29.46	29.07	40.00	-10.93	peak			
6	312.1794	49.75	-24.71	25.04	47.00	-21.96	peak			

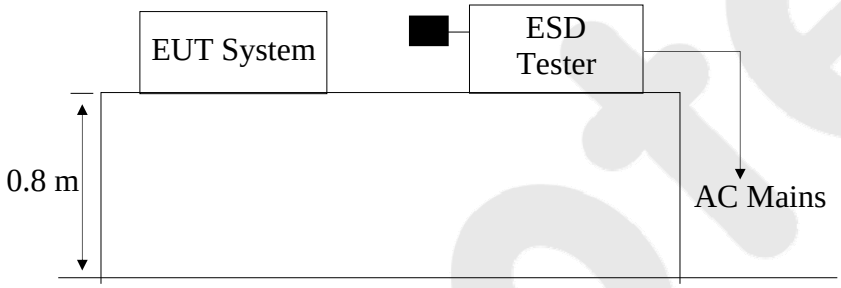
4. ELECTROSTATIC DISCHARGE IMMUNITY TEST

4.1. Block Diagram of Test Setup

4.1.1. Block diagram of connection between the EUT and simulators



4.1.2. Block diagram of test setup



4.2. Measuring Standard

EN 55024: 2010+A1: 2015
IEC 61000-4-2
Severity Level: 3 / Air Discharge: ±8kV Level: 2 / Contact Discharge: ±4kV

4.3. Severity Levels and Performance Criterion

4.3.1. Severity level

Level	Test Voltage Contact Discharge (kV)	Test Voltage Air Discharge (kV)
1.	±2	±2
2.	±4	±4
3.	±6	±8
4.	±8	±15
X	Special	Special

4.3.2. Performance criterion**: B**

4.4. EUT Configuration

The following equipments are installed on electrostatic discharge immunity measurement to meet EN 55024 requirements and operating in a manner which tends to maximize its emission characteristics in a normal application.

4.5. Operating Condition of EUT

Same as conducted emission measurement, which is listed in Section 2.5 except the test set up replaced by Section 4.1.

4.6. Test Procedure

3.6.1. 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 100 times for each pre-selected test point. This procedure shall be repeated until all the air discharge completed

4.6.2. Contact Discharge**:**

All the procedure shall be same as Section 3.6.1. except that the tip of the discharge electrode shall touch the EUT before the discharge switch is operated.

4.6.3. Indirect discharge for horizontal coupling plane

At least 50 single discharges shall be applied to the horizontal coupling plane, at points on each side of the EUT. The discharge electrode positions vertically at a distance of 0.1m from the EUT and with the discharge electrode touching the coupling plane.

4.6.4. Indirect discharge for vertical coupling plane

At least 50 single discharge 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.

4.7. Test Equipment

The following test equipments are used during the electrostatic discharge immunity measurement:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	ESD Simulators	3ctest	ESD-30T	ES0131505	Jun. 17, 2016	1 Year

4.8. Measuring Results

PASS

Please refer to the following page

Electrostatic Discharge Test Results

Shenzhen Anbotek Compliance Laboratory Limited

Test Mode	: On	Temperature :	24℃
Air discharge	: ±8.0kV	Humidity :	50%
Contact discharge:	±4.0kV	Criterion :	B
Power Supply :	DC 5V via USB Port	Number of discharge :	10

Test Result: ☒ Pass ☐ Fail

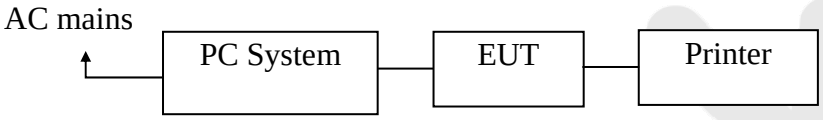
Location		**Kind** A-Air Discharge C-Contact Discharge	**Result**
Slot of the EUT	10 points	A	☑ A ☐ B ☐ C ☐ D
Others	8 points	A	☑ A ☐ B ☐ C ☐ D
USB Port	4 points	A	☑ A ☐ B ☐ C ☐ D
Function Keys	4 points	A	☑ A ☐ B ☐ C ☐ D
Metal surface of EUT	8 points	C	☑ A ☐ B ☐ C ☐ D
HCP	4 points	C	☑ A ☐ B ☐ C ☐ D
VCP of front	4 points	C	☑ A ☐ B ☐ C ☐ D
VCP of rear	4 points	C	☑ A ☐ B ☐ C ☐ D
VCP of left	4 points	C	☑ A ☐ B ☐ C ☐ D
VCP of right	4 points	C	☑ A ☐ B ☐ C ☐ D

Note: Discharge should be considered on Contact and Air and Horizontal Coupling Plane (HCP) and Vertical Coupling Plane (VCP).

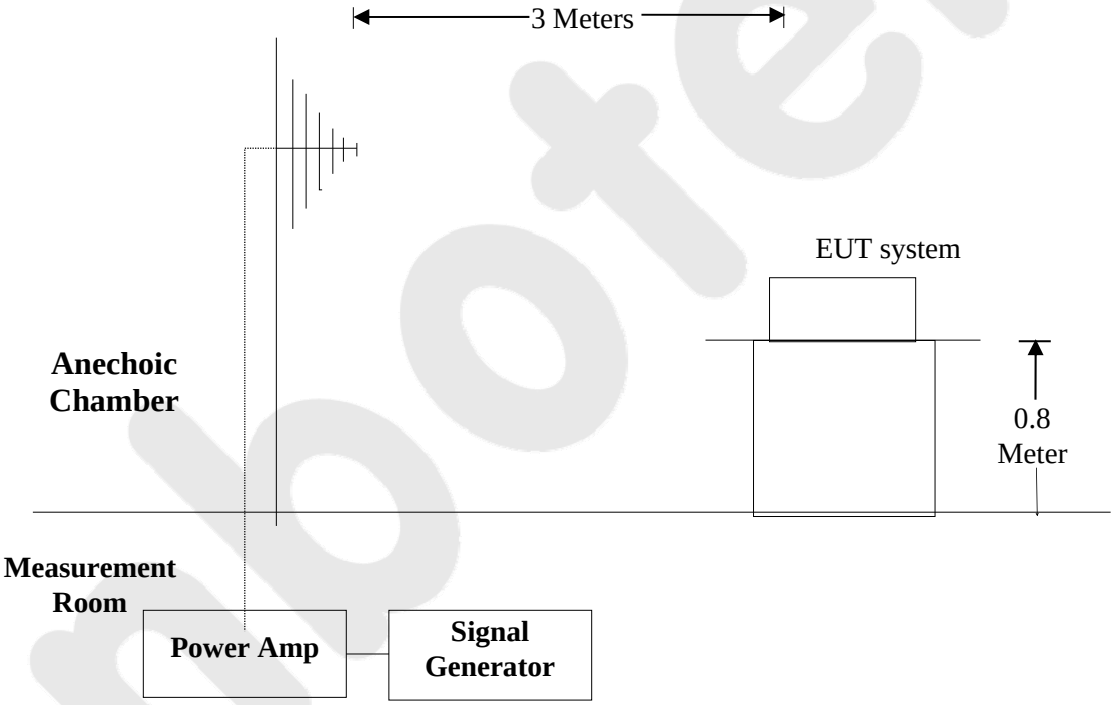
5. RF FIELD STRENGTH SUSCEPTIBILITY TEST

5.1. Block Diagram of Test

5.1.1. Block diagram of connection between the EUT and simulators



5.1.2. Block diagram of RS test setup



5.2. Measuring Standard

EN 55024: 2010+A1: 2015
IEC 61000-4-3
Severity Level: 2, 3V / m

5.3. Severity Levels and Performance Criterion

5.3.1. Severity Levels

Level	Field Strength V/m
1.	1
2.	3
3.	10
X	Special

5.3.2. Performance Criterion: **A**

5.4. EUT Configuration on Test

The following equipments are installed on RF Field Strength susceptibility Measurement to meet EN 55024 requirements and operating in a manner which tends to maximize its emission characteristics in a normal application.

5.5. Operating Condition of EUT

Same as conducted emission measurement which is listed in Section 2.5. except the test setup replaced as Section 5.1.

5.6. 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 are 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 camera is used to monitor its screen.

All the scanning conditions are as following:

Condition of Test	Remark
1. Fielded Strength	3V/m (Severity Level 2)
2. Radiated Signal	Unmodulated
3. Scanning Frequency	80-1000MHz
4. Sweep time of radiated	0.0015 Decade/s
5. Dwell Time	1 Sec.

5.7. Test Equipment

The following test equipments are used during the RF Field Strength susceptibility measurement:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	RF Power Meter. Dual Channel	BOONTON	4232A	10539	May 29, 2016	1 year
2.	50ohm Diode Power Sensor	BOONTON	51011EMC	34236/34238	May 29, 2016	1 year
3.	Broad-Band Horn Antenna	SCHWARZBECK	BBHA9120 L3F	332	May 29, 2016	1 year
4.	Power Amplifier	PRANA	AP32MT215	N/A	May 29, 2016	1 year
5.	Power Amplifier	MILMEGA	AS0102-55	N/A	May 29, 2016	1 year
6.	Signal Generator	AEROFLEX	2023B	N/A	May 29, 2016	1 year
7.	Field Strength Meter	HOLADAY	HI-6005	N/A	May 29, 2016	1 year
8.	RS232 Fiber Optic Modem	HOLADAY	HI-4413P	N/A	May 29, 2016	1 year
9.	Log.-Per. Antenna	SCHWARZBECK	VULP 9118E	N/A	May 29, 2016	1 year

5.8. Measuring Results

PASS

Please refer to the following page.

RF Field Strength Susceptibility Test Results

Shenzhen Anbotek Compliance Laboratory Limited

Test Mode :	On	Temperature :	25℃
Criterion :	A	Humidity :	54%
Field Strength :	3 V/m	Frequency Range:	80 MHz to 1000 MHz
Power Supply :	DC 5V via USB Port	Test Result :	☒ Pass ☐ Fail

Modulation: ☐None ☐ Pulse ☑AM 1KHz 80%

	Frequency Rang 1: 80~ 1000MHz		
Steps	# / %		Result
	Horizontal	Vertical	
Front	3 V/m	3 V/m	☑ A ☐ B ☐ C ☐ D
Right	3 V/m	3 V/m	☑ A ☐ B ☐ C ☐ D
Rear	3 V/m	3 V/m	☑ A ☐ B ☐ C ☐ D
Left	3 V/m	3 V/m	☑ A ☐ B ☐ C ☐ D

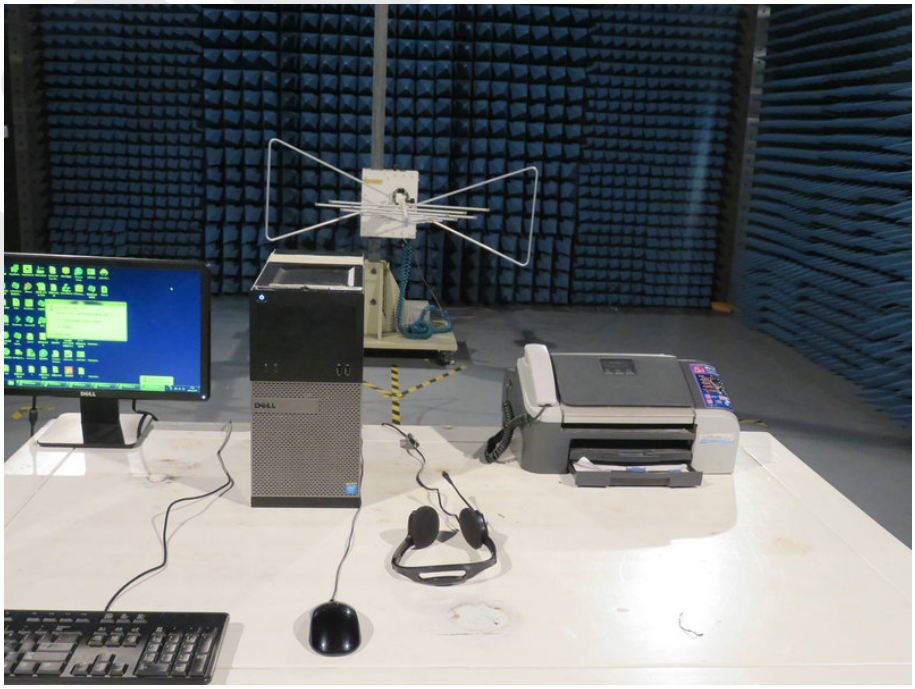
Test Equipment :

Note: Tested by EMTEK.

6. PHOTOGRAPHS

6.1. Photo of Power Line Conducted Emission Test

6.2. Photo of Radiated Emission Test



6.3. Photo of Electrostatic Discharge Test

6.4. Photo of RF Field Strength susceptibility Test

APPENDIX I
(Photos of EUT)

Figure 1
The EUT- Overall View

Figure 2
The EUT- Side View

Figure 3
The EUT- Side View

Figure 4
The EUT- Partial View

Figure 5
The EUT- Inside View

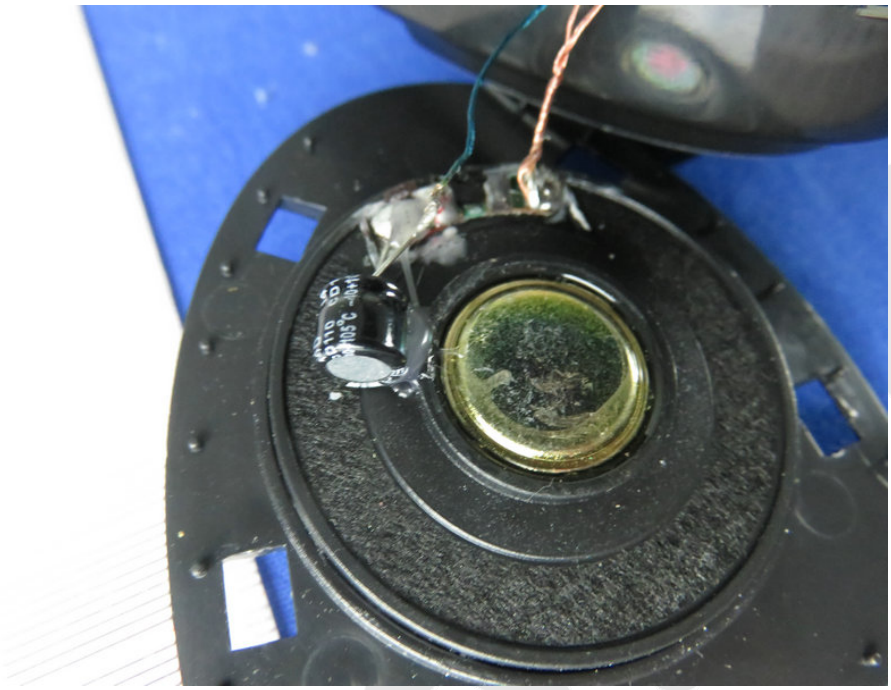


Figure 6
PCB of The EUT View

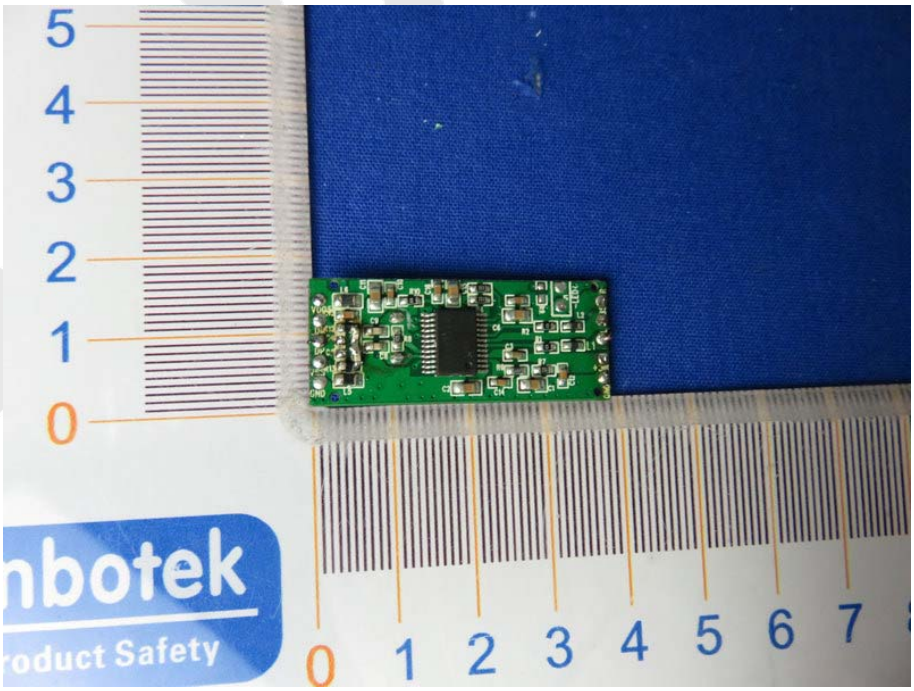
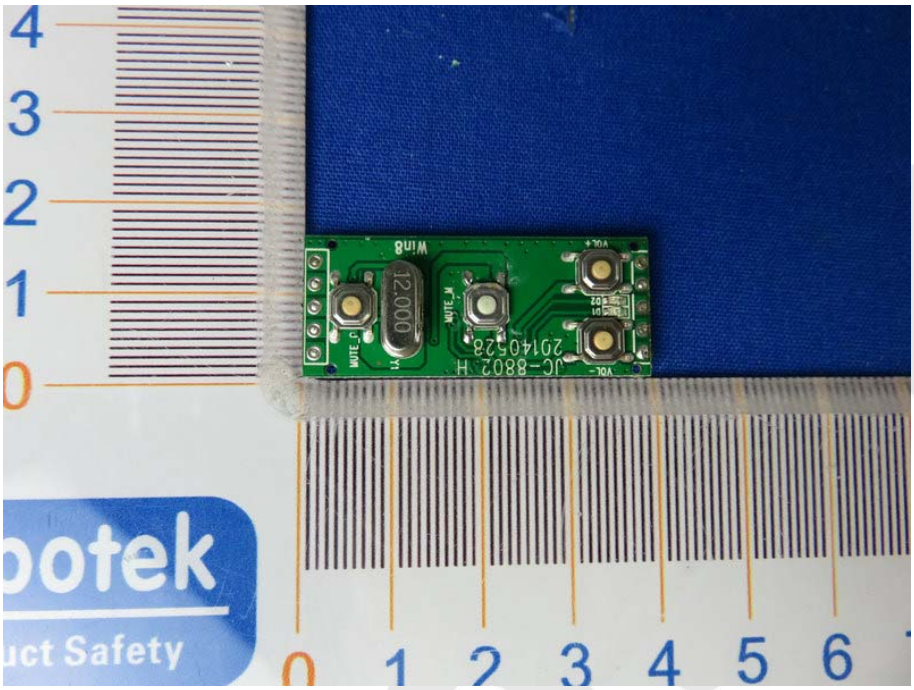


Figure 7
PCB of The EUT View



CE Label

1. The CE conformity marking must consist of the initials 'CE' taking the following form:
   If the CE marking is reduced or enlarged, the proportions given in the above graduated drawing must be respected.
2. The CE marking must have a height of at least 5 mm except where this is not possible on account of the nature of the apparatus.
3. The CE marking must be affixed to the product or to its data plate. Additionally it must be affixed to the packaging, if any, and to the accompanying documents.
4. The CE marking must be affixed visibly, legibly and indelibly.
   It must have the same height as the initials 'CE'.