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Report No.: SHEM170600370701  
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**1 Cover Page**

# TEST REPORT

Application No.:	SHEM1706003707IT
Applicant:	Zhejiang Dahua Vision Technology Co., Ltd.
<b>Equipment under Test (EUT)</b> <b>NOTE:</b> The following sample(s) was/were submitted and identified by the client as.	
Product Name:	Video Intercom Management Device
Model No.(EUT):	DHI-VTS5240B
Add Model No.:	DH-VTS5240B, VTS8240B-CG, OEM-VTS5240B, VTS5240B, DH-VTS8240B-CG, OEM-VTS8240B-CG, DHI-VTS8240B-CG, VTS8240B-CG
Standards:	CFR 47 Part 15 subpart B, 2016
Date of Receipt:	2017-03-09
Date of Test:	2017-03-16 to 2017-03-28 and 2017-06-30 to 2017-07-04
Date of Issue:	2017-07-17
Test Result:	Pass*

\* In the configuration tested, the EUT detailed in this report complied with the standards specified above.





**Parlam Zhan**  
**E&E Section Manager**  
**SGS-CSTC (Shanghai) Co., Ltd.**

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS International Electrical Approvals or testing done by SGS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by SGS International Electrical Approvals in writing.

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Revision Record				
Version	Chapter	Date	Modifier	Remark
00	Add tests for new adapter	2017-07-11		Copy Based on SHEM170300117201

Authorized for issue by:			
Tested By	 Bruce_tang /Project Engineer	2017-07-08 Date	
Checked By	 Zenger Zhang /Reviewer	2017-07-11 Date	

## 2 Test Summary

ELECTROMAGNETIC INTERFERENCE (EMI)			
Test	Test Requirement	Test Method	Result
Conducted Emission (150kHz to 30MHz)	CFR 47 Part 15 subpart B, 2016	ANSI C63.4: 2014	PASS
Radiated Emission, (30MHz to 1GHz)	CFR 47 Part 15 subpart B, 2016	ANSI C63.4: 2014	PASS
Radiated Emission above 1 GHz	CFR 47 Part 15 subpart B, 2016	ANSI C63.4: 2014	PASS
<p>Remark:</p> <p>Note1: There are series models mentioned in this report and they are the similar in electrical and electronic characters. Only the model DHI-VTS5240B was tested since their differences are model name and software version.</p> <p>Note2: The report is based on SHEM170300117101 to add tests for new adapter and the data is named as for new adaptor ADS-26SGP-12</p>			

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## 4 General Information

### 4.1 Client Information

Applicant: Zhejiang Dahua Vision Technology Co., Ltd.  
 Address of Applicant: No.1199, Bin'an Road, Binjiang District, Hangzhou, P.R. China  
 Manufacturer: Zhejiang Dahua Vision Technology Co., Ltd.  
 Address of Manufacturer: No.1199, Bin'an Road, Binjiang District, Hangzhou, P.R. China  
 Factory: Zhejiang Dahua Vision Technology Co., Ltd.  
 Address of Factory: No.1199, Bin'an Road, Binjiang District, Hangzhou, P.R. China

### 4.2 Details of E.U.T.

Power Supply: DC12V  
 Adapter :(HONOR) 0160NP12V3AG-A0(1081):  
 input 100-240V 50/60Hz; output : DC12V 3A  
 Adaptor: ADS-26SGP-12  
 input 100-240V 50/60Hz  
 output : DC12V 2A

### 4.3 E.U.T Operation Mode

Functions/Modes: a; Monitoring mode  
 Monitoring mode Keep monitoring continual.

### 4.4 E.U.T Operation Environment

Temperature Range: 20-25°C  
 Humidity Range: 30-60% RH  
 Atmospheric Pressure Range: 100-105kPa

### 4.5 Description of Support Units

The EUT has been tested with associated equipment below.

Description	Manufacturer	Model No.
Laptop	LENOVO	R400

### 4.6 Deviation from Standards

None.

#### **4.7 Abnormalities from Standard Conditions**

None.

#### **4.8 Modification/Retest Record**

None.

#### **4.9 Test Location**

All tests were performed at:

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. E&E Lab

588 West Jindu Road, Xinqiao, Songjiang, 201612 Shanghai, China

Tel: +86 21 6191 5666

Fax: +86 21 6191 5678

No tests were sub-contracted.

#### **4.10 Test Facility**

- **CNAS (No. CNAS L0599)**

CNAS has accredited SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing. Date of expiry: 2017-07-14.

- **Industry Canada (IC) – IC Assigned Code: 8617A**

The 3m Semi-anechoic chamber of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 8617A-1. Expiry Date: 2017-06-18.

- **VCCI (Member No.: 3061)**

The 3m Semi-anechoic chamber and Shielded Room of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd. has been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-3868,C-4336,T-2221,G-830 respectively. Date of Expiry: 2017-11-16.

## 5 Equipment list

### Conducted Emission

Item	Test Equipment	Manu facturer	Model No.	Serial No.	Cal. Date	Cal.Due date
1	EMI test receiver	Rohde & Schwarz	ESCS30	100086	2016-12-29	2017-12-28
2	Line impedance stabilization network	SCHWARZB ECK	NSLK8127	8127490	2016-12-29	2017-12-28
3	Line impedance stabilization network	EMCO	3816/2	00034161	2016-12-29	2017-12-28
4	SCHWARZBECK CAT5 8158	SCHWARZB ECK	8-Wire ISN CAT 5	CAT5-815 8-0061	2016-12-29	2017-12-28

### Radiated Emission

Item	Test Equipment	Manu facturer	Model No.	Serial No.	Cal. Date	Cal.Due date
1	EMI test receiver	Rohde & Schwarz	ESU40	SHEM 051-1	2016-08-12	2017-08-11
2	CONTROLLER	INNCO	CO200	SHEM 047-1	N/A	N/A
3	ANTENNA MAST	INNCO	MA400-EP	SHEM 047-2	N/A	N/A
4	TURN DEVICE	INNCO	DE 3600-RH	SHEM 047-3	N/A	N/A
5	Broadband UHF-VHF ANTENNA	SCHWARZB ECK	VULB 9168	SHEM 048-1	2016-12-29	2017-12-28
6	Low Frequency Amplifier	CLAVIIO	BDLNA-0001-4120 10	SHEM 164-1	2016-08-12	2017-08-11
7	Semi/Fully Anechoic	ST	11*6*6M	SHEM 078-2	2016-08-17	2017-08-16

**General used equipment**

Item	Test Equipment	Manufacturer	Model No.	Serial No.	Cal. date	Cal.Due date
1	Digital pressure meter	YONGZHI	DYM3-01	101012	2017-03-03	2018-03-02
2	Temperature&humidity recorder	ShangHai weather meter work	ZJ 1-2B	84320600 803136, F304020153 ,20101201F S100A6K,20 1106117	2016-08-03	2017-08-02
3	Digital Multimeter	FLUKE	17B	19720439	2017-01-13	2018-01-12
4	Autoformer regulator	Guangzhou bao de	TDGC2-5KVA	/	/	/
5	CLAMP METER	FLUKE	316	2503030971	2017-01-13	2018-01-12



## 6 Electromagnetic Interference Test Results

### 6.1 Conducted Emissions on Mains Terminals

Test Frequency: 150 kHz to 30 MHz

Detector: Peak for pre-scan (9 kHz Resolution Bandwidth from 150 kHz to 30 MHz)

Limit:

Frequency range (MHz)	Class A Limits (dB (μV))	
	Quasi-peak	Average
0.15 to 0.50	79	66
0.50 to 30	73	60
Note1: The limit decreases linearly with the logarithm of the frequency in the range 0.15 MHz to 0.50MHz.		
Note2: The lower limit is applicable at the transition frequency.		

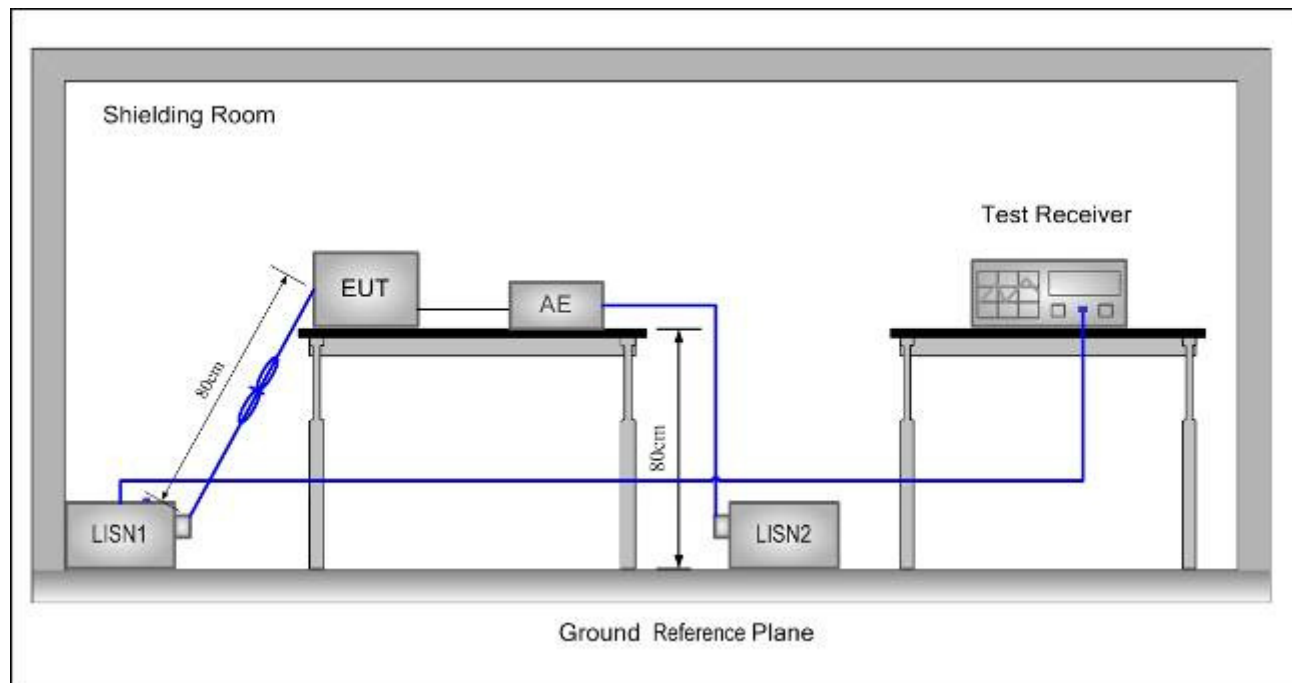
#### 6.1.1 E.U.T. Operation

Test mode: a; Monitoring mode: Keep monitoring continual.

Pre-scan was performed with peak detected on all ports, Quasi-peak & average measurements were performed at the frequencies at which maximum peak emission level were detected.

Please see the attached Quasi-peak and Average test results.

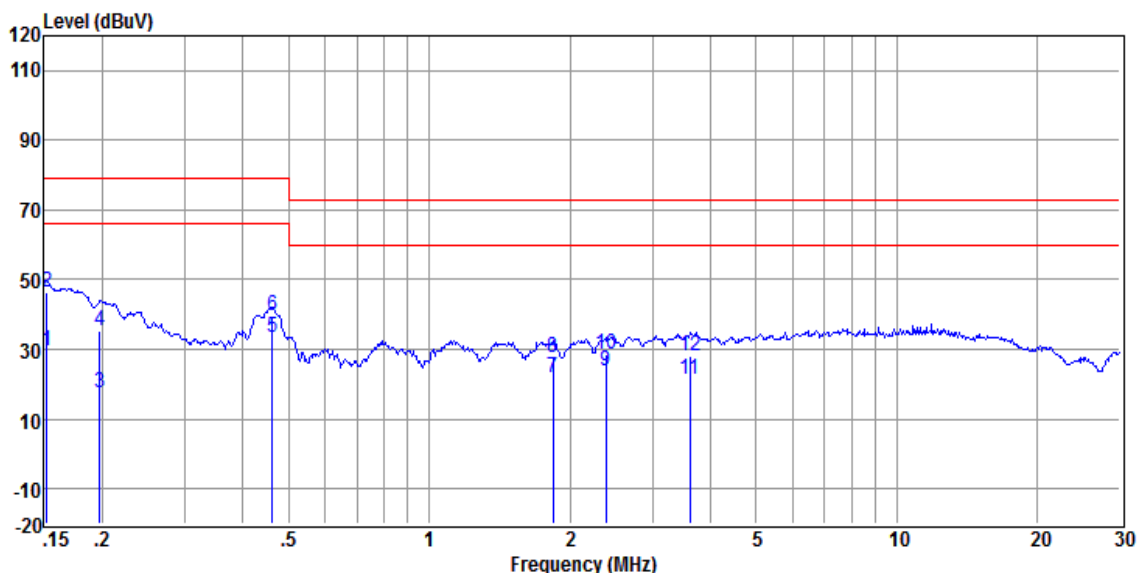
## 6.1.2 Test Setup and Procedure



1. The mains terminal disturbance voltage was measured with the EUT in a shielded room.
2. The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a  $50\Omega/50\mu\text{H} + 5\Omega$  linear impedance. The power cables of all other units of the EUT was connected to a second LISN, which was bonded to the ground reference plane in the same way as the LISN for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.
3. The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, but separated from metallic contact with the ground reference plane by 0.1m of insulation.
4. The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISN mounted on top of the ground reference plane. This distance was between the closest points of the LISN and the EUT. The mains lead of EUT excess 0.8m was folded back and forth parallel to the lead so as to form a horizontal bundle with a length between 0.3m and 0.4m. All other units of the EUT and associated equipment was at least 0,8 m from the LISN.

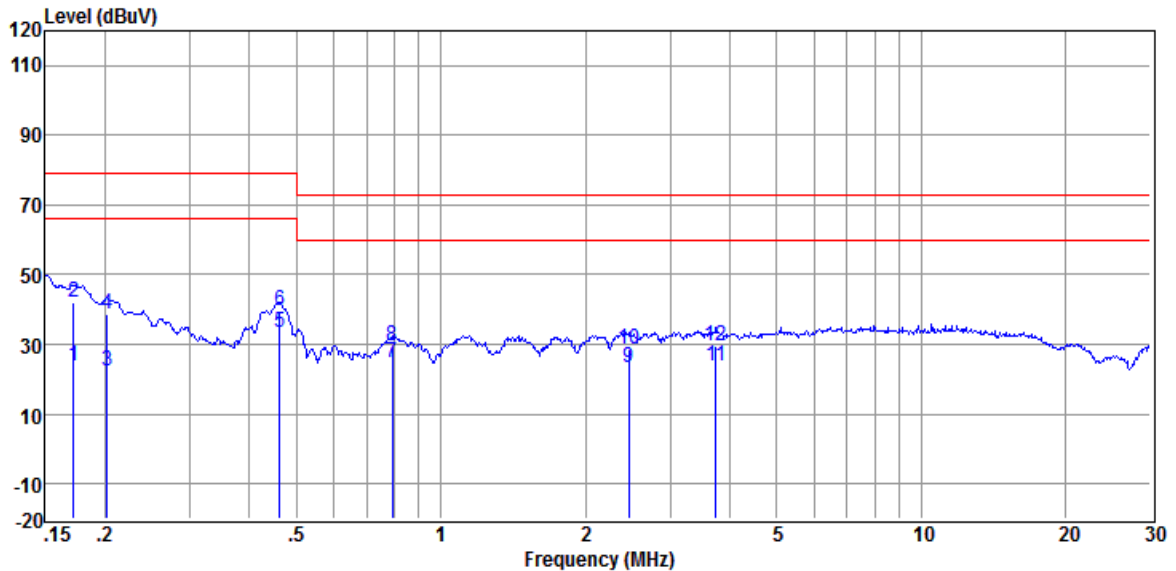
### 6.1.3 Measurement Data

Mode:a;Live Line:



Item	Freq.	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)	
1	0.152	19.13	0.05	10.15	29.33	66.00	-36.67	Average
2	0.152	36.16	0.05	10.15	46.36	79.00	-32.64	QP
3	0.198	7.34	0.09	10.15	17.58	66.00	-48.42	Average
4	0.198	24.91	0.09	10.15	35.15	79.00	-43.85	QP
5	0.461	23.02	0.10	10.17	33.29	66.00	-32.71	Average
6	0.461	29.57	0.10	10.17	39.84	79.00	-39.16	QP
7	1.839	11.76	0.08	10.19	22.03	60.00	-37.97	Average
8	1.839	17.16	0.08	10.19	27.43	73.00	-45.57	QP
9	2.384	13.46	0.09	10.19	23.74	60.00	-36.26	Average
10	2.384	18.54	0.09	10.19	28.82	73.00	-44.18	QP
11	3.603	11.04	0.13	10.21	21.38	60.00	-38.62	Average
12	3.603	17.53	0.13	10.21	27.87	73.00	-45.13	QP

Mode:a;Neutral Line:



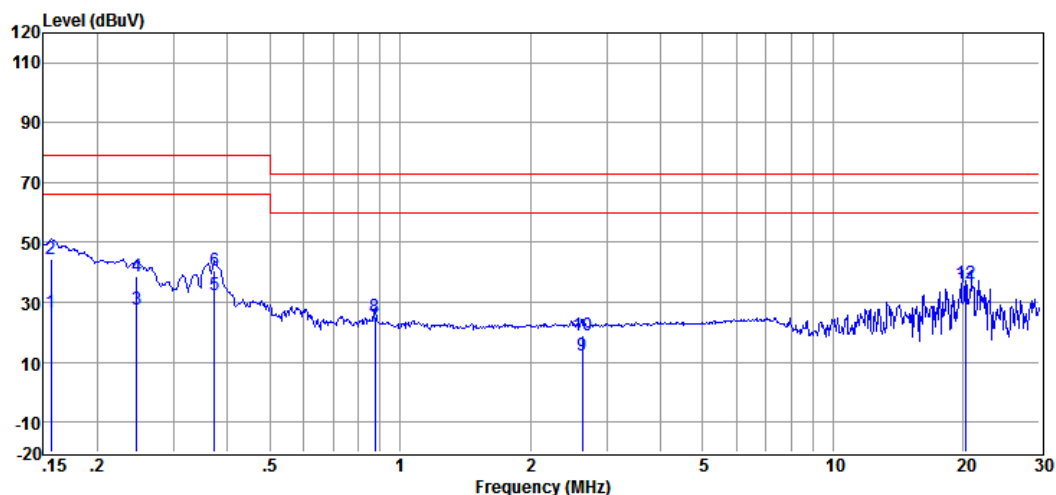
Item	Freq.	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)	
1	0.172	13.80	0.05	10.15	24.00	66.00	-42.00	Average
2	0.172	32.07	0.05	10.15	42.27	79.00	-36.73	QP
3	0.202	12.36	0.05	10.15	22.56	66.00	-43.44	Average
4	0.202	28.37	0.05	10.15	38.57	79.00	-40.43	QP
5	0.461	23.37	0.04	10.17	33.58	66.00	-32.42	Average
6	0.461	29.49	0.04	10.17	39.70	79.00	-39.30	QP
7	0.792	14.66	0.05	10.18	24.89	60.00	-35.11	Average
8	0.792	19.10	0.05	10.18	29.33	73.00	-43.67	QP
9	2.461	13.24	0.09	10.20	23.53	60.00	-36.47	Average
10	2.461	18.38	0.09	10.20	28.67	73.00	-44.33	QP
11	3.740	13.59	0.14	10.21	23.94	60.00	-36.06	Average
12	3.740	19.36	0.14	10.21	29.71	73.00	-43.29	QP

Note: 1. Level = Read Level + LISN Factor + Cable loss

2. If QP Result comply with AV limit, AV Result is deemed to comply with AV limit

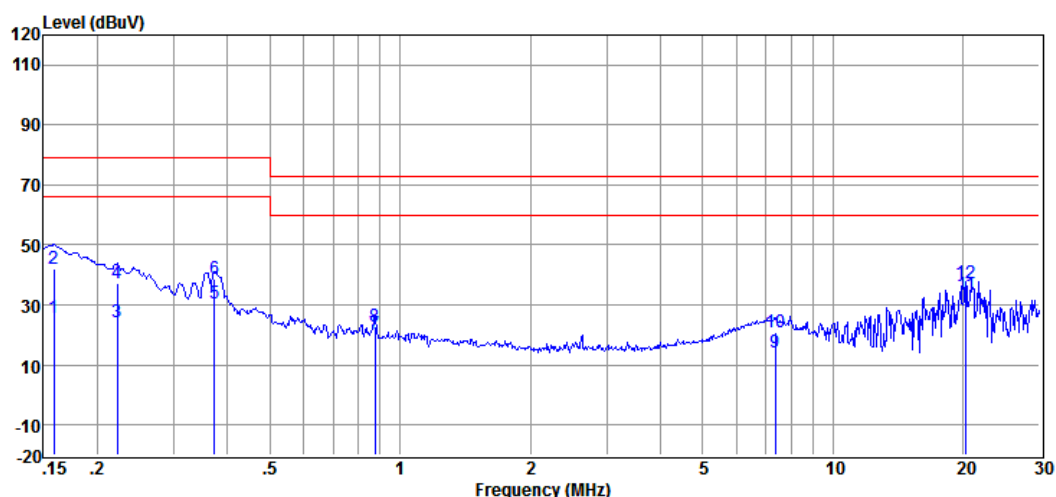
For new adaptor ADS-26SGP-12

Mode:a;Live Line:



Item	Freq.	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)	
1	0.156	16.59	0.06	9.81	26.46	66.00	-39.54	Average
2	0.156	34.65	0.06	9.81	44.52	79.00	-34.48	QP
3	0.247	17.94	0.09	9.81	27.84	66.00	-38.16	Average
4	0.247	28.75	0.09	9.81	38.65	79.00	-40.35	QP
5	0.373	22.39	0.09	9.81	32.29	66.00	-33.71	Average
6	0.373	30.94	0.09	9.81	40.84	79.00	-38.16	QP
7	0.876	11.77	0.09	9.83	21.69	60.00	-38.31	Average
8	0.876	15.20	0.09	9.83	25.12	73.00	-47.88	QP
9	2.636	2.51	0.10	9.85	12.46	60.00	-47.54	Average
10	2.636	9.11	0.10	9.85	19.06	73.00	-53.94	QP
11	20.270	24.35	0.26	10.03	34.64	60.00	-25.36	Average
12	20.270	26.21	0.26	10.03	36.50	73.00	-36.50	QP

Mode:a;Neutral Line:



Item	Freq.	Read Level	LISN Factor	Cable Loss	Level	Limit Line	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB)	(dB)	(dBμV)	(dBμV)	(dB)	
1	0.159	15.61	0.05	9.81	25.47	66.00	-40.53	Average
2	0.159	32.02	0.05	9.81	41.88	79.00	-37.12	QP
3	0.222	14.40	0.05	9.81	24.26	66.00	-41.74	Average
4	0.222	27.50	0.05	9.81	37.36	79.00	-41.64	QP
5	0.373	20.54	0.04	9.81	30.39	66.00	-35.61	Average
6	0.373	29.00	0.04	9.81	38.85	79.00	-40.15	QP
7	0.876	10.47	0.05	9.83	20.35	60.00	-39.65	Average
8	0.876	13.09	0.05	9.83	22.97	73.00	-50.03	QP
9	7.368	3.98	0.19	9.86	14.03	60.00	-45.97	Average
10	7.368	10.64	0.19	9.86	20.69	73.00	-52.31	QP
11	20.270	22.93	0.31	10.03	33.27	60.00	-26.73	Average
12	20.270	26.94	0.31	10.03	37.28	73.00	-35.72	QP

Note: 1. Level = Read Level + LISN Factor + Cable loss

2. If QP Result comply with AV limit, AV Result is deemed to comply with AV limit

## 6.2 Radiated Emissions, 30MHz to 1GHz

Detector: Peak for pre-scan (120 kHz resolution bandwidth)

Limit: For 3m

Frequency range (MHz)	Quasi-peak limits (dB (μV/m))
30 to 88	49.5
88 to 216	54.0
216 to 960	56.9
Above 960	60.0

Note: At transitional frequencies the lower limit applies.

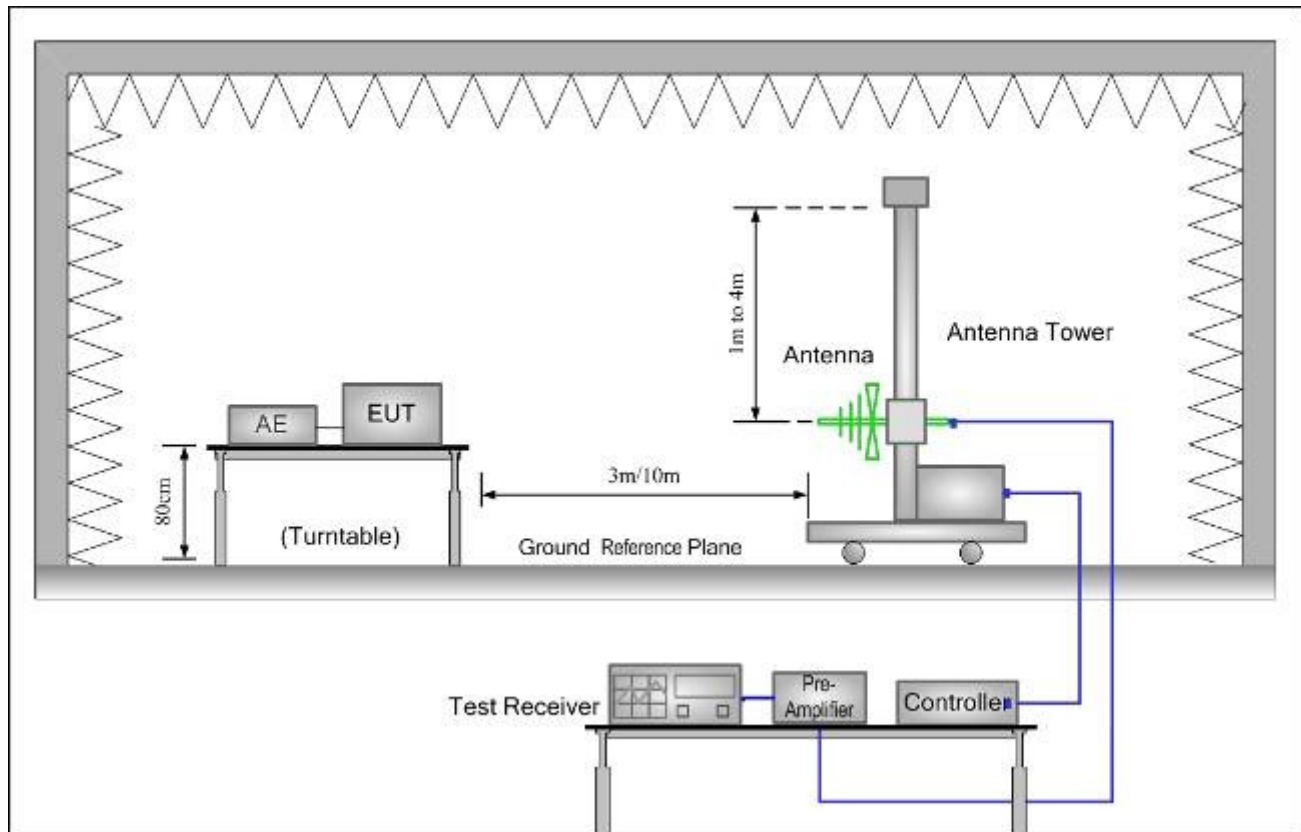
### 6.2.1 E.U.T. Operation

Test mode: a; Monitoring mode: Keep monitoring continual.

Pre-scan was performed with peak detected on all ports, Quasi-peak measurements was performed at the frequencies at which maximum peak emission level were detected.

Please see the attached Quasi-peak test results.

## 6.2.2 Test Setup and Procedure

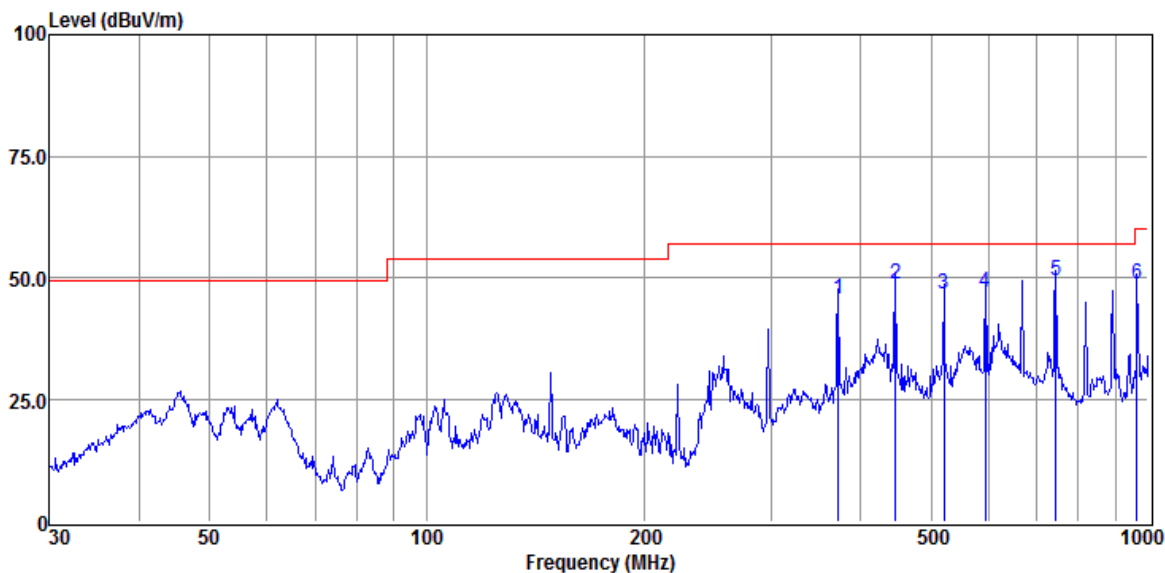


1. The radiated emissions test was conducted in a semi-anechoic chamber.
2. The EUT was connected to DC power source through a mains power outlet which was bonded to the ground reference plane; The mains cables shall drape to the ground reference plane.
3. The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, but separated from metallic contact with the ground reference plane by 0.1m of insulation.
4. Before final measurements of radiated emissions, a pre-scan was performed in the spectrum mode with the peak detector to find out the maximum emission spectrum signature data plots of the EUT.
5. The frequencies of maximum emission were determined in the final radiated emissions measurement, the physical arrangement of the test system and associated cabling was varied in order to determine the effect on the EUT's emissions in amplitude, direction and frequency. At each frequency, the EUT was rotated 360°, and the antenna was raised and lowered from 1 to 4 meters in order to determine the maximum disturbance. Measurements were performed for both horizontal and vertical antenna polarization.



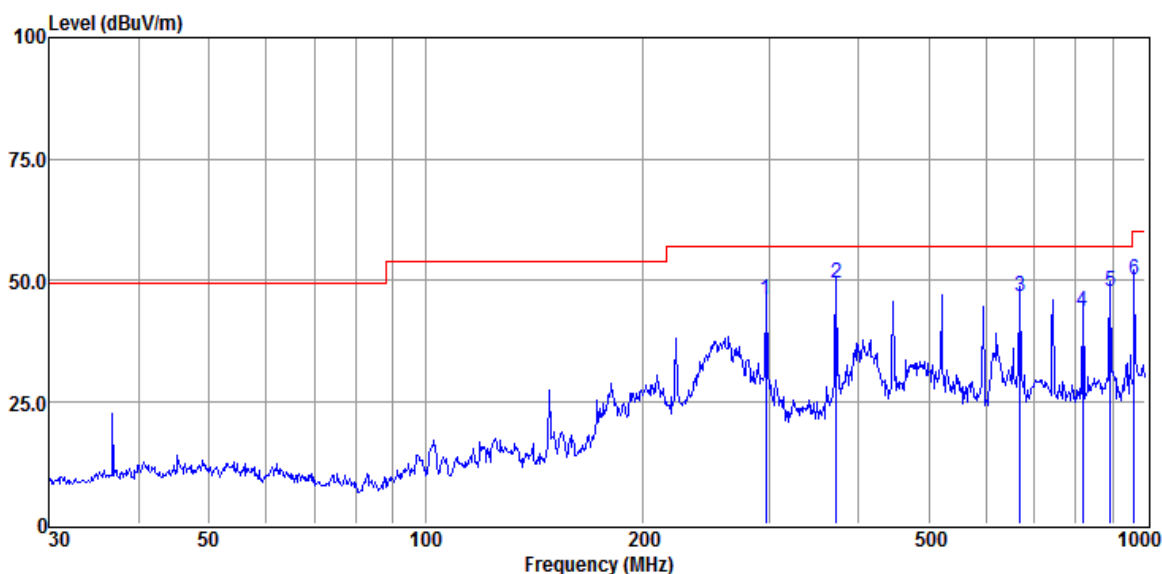
### 6.2.3 Measurement Data

Mode:a;Vertical:



Item	Freq.	Read Level	Antenna Factor	Preamplifier Factor	Cable Loss	Result Level	Limit Line	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB/m)	(dB)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1	372.00	59.64	13.54	28.42	0.95	45.71	56.90	-11.19	QP
2	446.41	60.08	16.59	29.03	1.08	48.72	56.90	-8.18	QP
3	520.89	56.77	18.00	29.21	1.22	46.78	56.90	-10.12	QP
4	595.13	54.79	20.27	29.25	1.36	47.17	56.90	-9.73	QP
5	744.87	55.11	21.80	29.25	1.85	49.51	56.90	-7.39	QP
6	965.54	50.83	24.27	28.83	2.66	48.93	60.00	-11.07	QP

Horizontal:



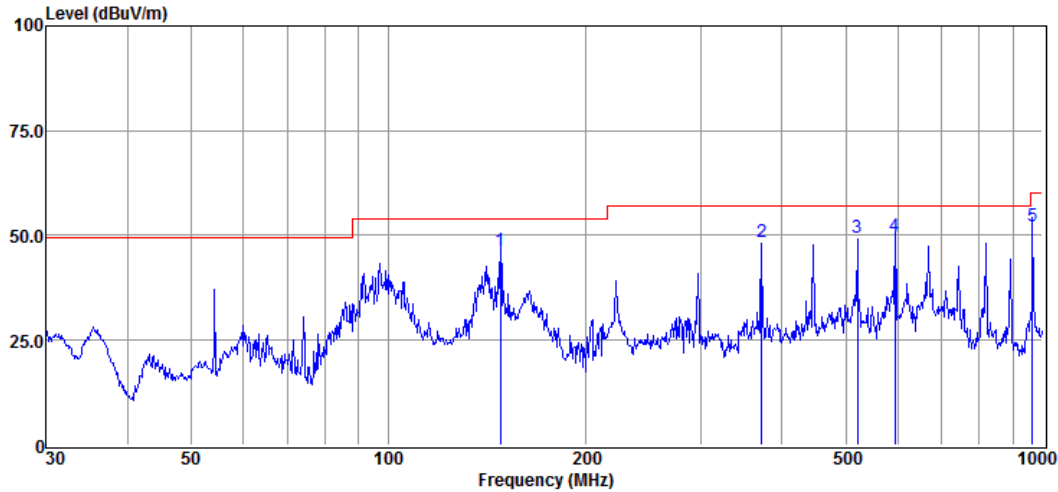
Item	Freq.	Read Level	Antenna Factor	Preamplifier Factor	Cable Loss	Result Level	Limit Line	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB/m)	(dB)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1	297.22	59.77	13.20	27.90	0.84	45.91	56.90	-10.99	QP
2	372.00	63.53	13.54	28.42	0.95	49.60	56.90	-7.30	QP
3	670.49	54.42	19.92	29.28	1.58	46.64	56.90	-10.26	QP
4	818.83	46.96	23.69	29.07	2.11	43.69	56.90	-13.21	QP
5	893.86	51.74	22.69	28.96	2.42	47.89	56.90	-9.01	QP
6	965.54	52.04	24.27	28.83	2.66	50.14	60.00	-9.86	QP

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - Preamplifier Factor

2. If Peak Result comply with QP limit, QP Result is deemed to comply with QP limit

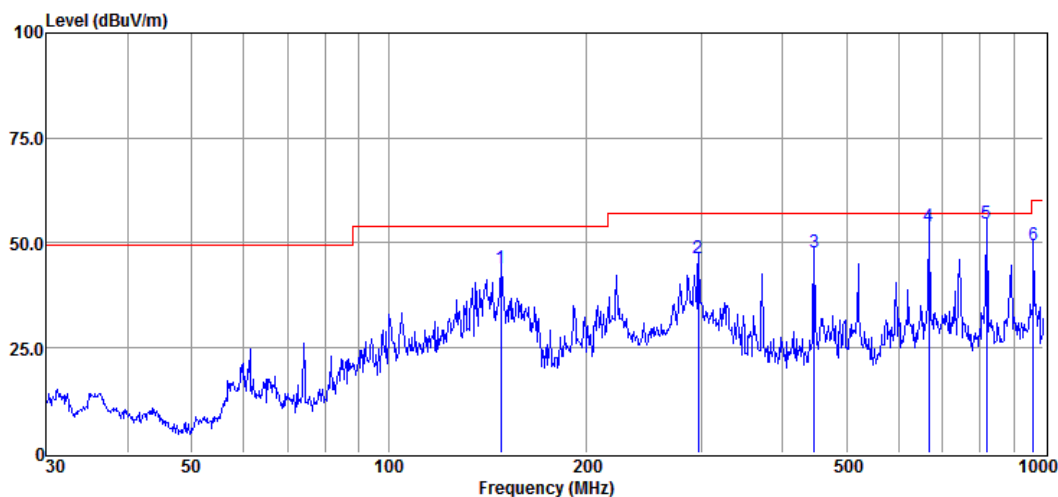
For new adaptor ADS-26SGP-12

Mode:a;Vertical:



Item	Freq.	Read Level	Antenna Factor	Preamplifier Factor	Cable Loss	Result Level	Limit Line	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB/m)	(dB)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1	148.49	76.50	11.81	42.61	0.62	46.32	54.00	-7.68	QP
2	372.00	75.07	14.61	42.17	0.95	48.46	56.90	-8.44	QP
3	520.89	72.58	17.71	42.15	1.22	49.36	56.90	-7.54	QP
4	595.13	71.48	19.32	42.18	1.36	49.98	56.90	-6.92	QP
5	965.54	67.54	23.43	41.45	2.66	52.18	60.00	-7.82	QP

Horizontal:



Item	Freq.	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Result Level	Limit Line	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB/m)	(dB)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1	148.44	74.25	11.81	42.61	0.62	44.07	54.00	-9.93	QP
2	297.22	74.90	13.10	42.40	0.84	46.44	56.90	-10.46	QP
3	446.41	72.85	16.13	42.12	1.08	47.94	56.90	-8.96	QP
4	668.14	73.87	19.96	42.30	1.58	53.11	56.90	-3.79	QP
5	818.83	71.75	22.06	42.35	2.11	53.57	56.90	-3.33	QP
6	965.54	64.90	23.43	41.45	2.66	49.54	60.00	-10.46	QP

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - Preamp Factor

2. If Peak Result comply with QP limit, QP Result is deemed to comply with QP limit

### 6.3 Radiated Emissions, above 1G

Detector: Peak for pre-scan (120 kHz resolution bandwidth)

Limit: For 3m

Above 1GHz 79.5(dB $\mu$ V/m) peak, 59.5(dB $\mu$ V/m) average

Detector: Peak for pre-scan (1000kHz resolution bandwidth) 1000M to 18000MHz

Remark: The spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a radiated emission limit is specified, up to the frequency shown in the following table:

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement Range (MHz)
Below 1.705	30
1.705 to 108	1000
108 to 500	2000
500 to 1000	5000
Above 1000	5th harmonic of the highest frequency or 40 GHz, whichever is lower

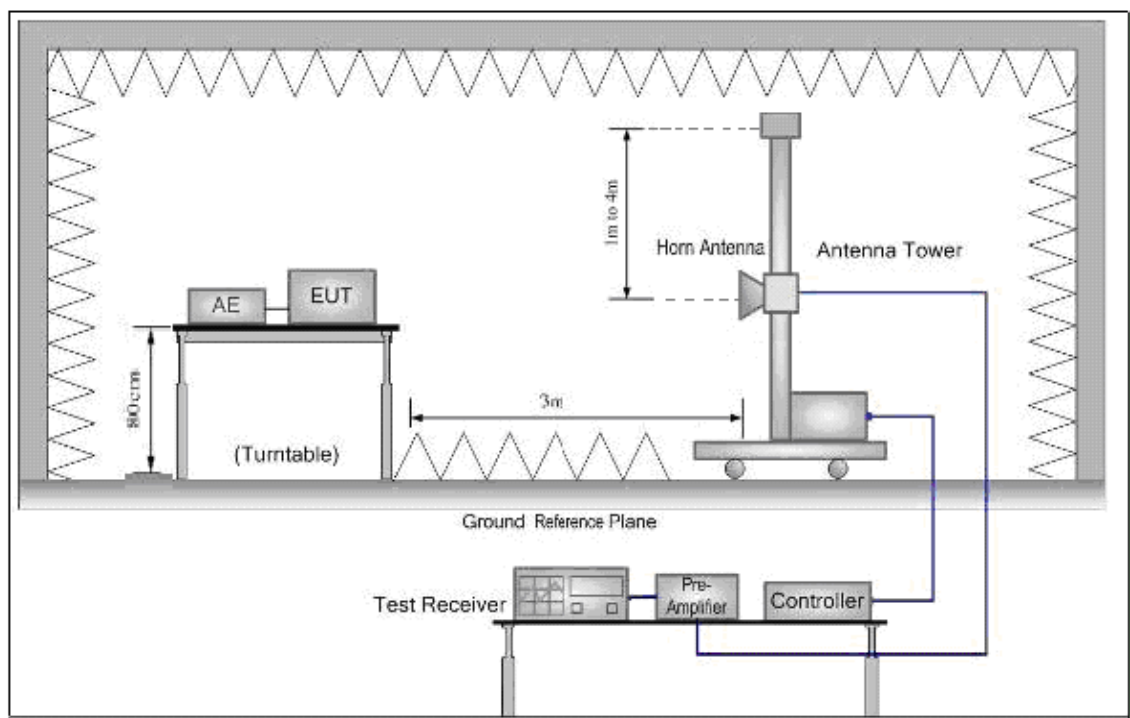
#### 6.3.1 E.U.T. Operation

Test mode: a; Monitoring mode: Keep monitoring continual.

Pre-scan was performed with peak detected on all ports, Peak & average measurements were performed at the frequencies at which maximum peak emission level were detected.

Please see the attached Peak and Average test results.

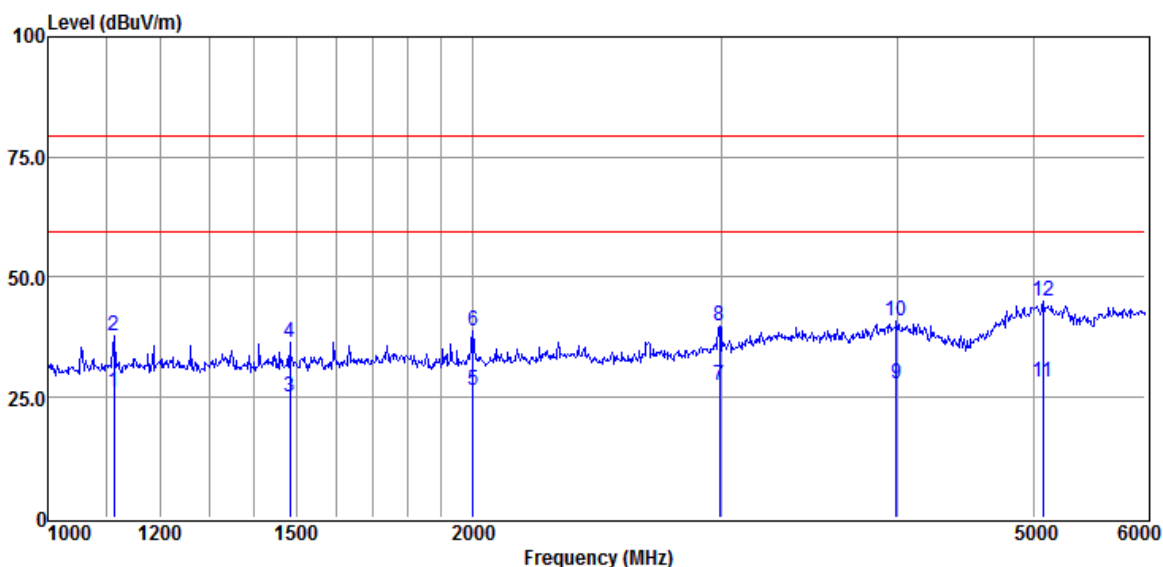
### 6.3.2 Test Setup and Procedure



6. The radiated emissions test was conducted in a semi-anechoic chamber.
7. The EUT was connected to DC power source through a mains power outlet which was bonded to the ground reference plane; The mains cables shall drape to the ground reference plane.
8. The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane, but separated from metallic contact with the ground reference plane by 0.1m of insulation.
9. Before final measurements of radiated emissions, a pre-scan was performed in the spectrum mode with the peak detector to find out the maximum emission spectrum signature data plots of the EUT.
10. The frequencies of maximum emission were determined in the final radiated emissions measurement, the physical arrangement of the test system and associated cabling was varied in order to determine the effect on the EUT's emissions in amplitude, direction and frequency. At each frequency, the EUT was rotated 360°, and the antenna was raised and lowered from 1 to 4 meters in order to determine the maximum disturbance. Measurements were performed for both horizontal and vertical antenna polarization.

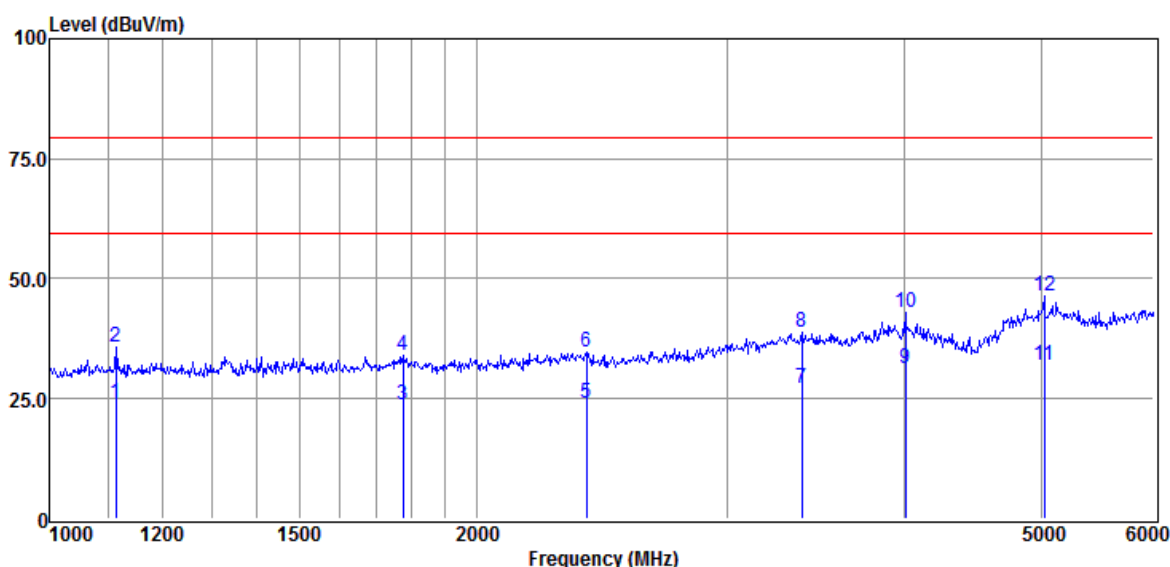
### 6.3.3 Measurement Data

Mode:a; Vertical:



Item	Freq.	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Result Level	Limit Line	Over Limit	Detector
(Mark )	(MHz)	(dBμV)	(dB/m)	(dB)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1	1113.50	39.18	24.63	40.73	3.09	26.17	59.50	-33.33	Average
2	1113.50	50.89	24.63	40.73	3.09	37.88	79.50	-41.62	Peak
3	1483.18	36.53	24.99	40.53	4.08	25.07	59.50	-34.43	Average
4	1483.18	47.89	24.99	40.53	4.08	36.43	79.50	-43.07	Peak
5	2000.53	36.04	27.10	41.23	4.45	26.36	59.50	-33.14	Average
6	2000.53	48.45	27.10	41.23	4.45	38.77	79.50	-40.73	Peak
7	2993.84	33.61	29.26	40.82	5.35	27.40	59.50	-32.10	Average
8	2993.84	45.92	29.26	40.82	5.35	39.71	79.50	-39.79	Peak
9	3994.95	28.18	32.67	40.06	6.96	27.75	59.50	-31.75	Average
10	3994.95	41.21	32.67	40.06	6.96	40.78	79.50	-38.72	Peak
11	5079.06	25.19	37.68	41.68	7.02	28.21	59.50	-31.29	Average
12	5079.06	41.88	37.68	41.68	7.02	44.90	79.50	-34.60	Peak

Mode:a; Horizontal:



Item	Freq.	Read Level	Antenna Factor	Preamplifier Factor	Cable Loss	Result Level	Limit Line	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB/m)	(dB)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1	1113.50	37.17	24.63	40.73	3.09	24.16	59.50	-35.34	Average
2	1113.50	48.69	24.63	40.73	3.09	35.68	79.50	-43.82	Peak
3	1774.22	34.26	26.22	40.93	4.33	23.88	59.50	-35.62	Average
4	1774.22	44.50	26.22	40.93	4.33	34.12	79.50	-45.38	Peak
5	2388.81	32.36	27.65	41.01	5.12	24.12	59.50	-35.38	Average
6	2388.81	42.80	27.65	41.01	5.12	34.56	79.50	-44.94	Peak
7	3387.83	30.74	30.80	40.57	6.07	27.04	59.50	-32.46	Average
8	3387.83	42.63	30.80	40.57	6.07	38.93	79.50	-40.57	Peak
9	4009.29	31.69	32.70	40.05	6.96	31.30	59.50	-28.20	Average
10	4009.29	43.37	32.70	40.05	6.96	42.98	79.50	-36.52	Peak
11	5024.75	28.80	38.05	41.70	6.84	31.99	59.50	-27.51	Average
12	5024.75	43.30	38.05	41.70	6.84	46.49	79.50	-33.01	Peak

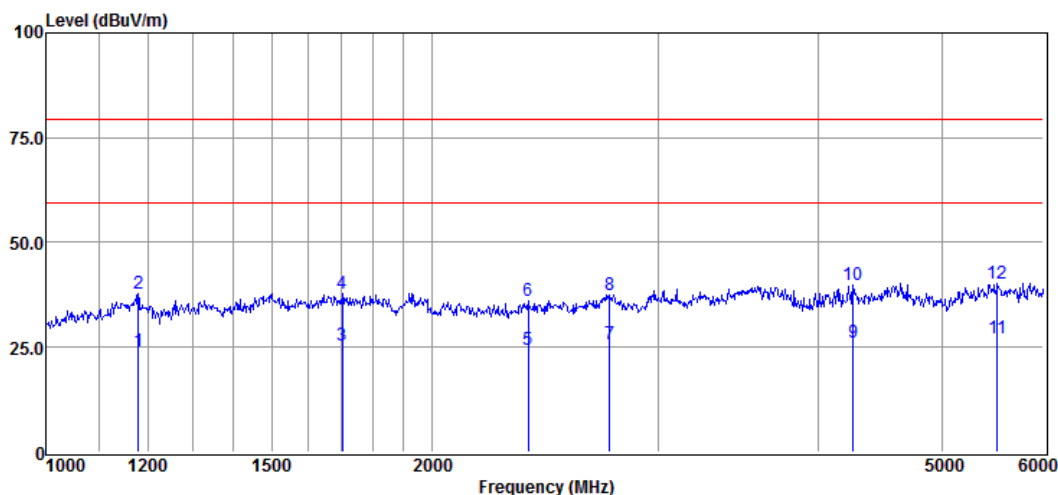
Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor

2. If Peak Result comply with AV limit, AV Result is deemed to comply with AV limit



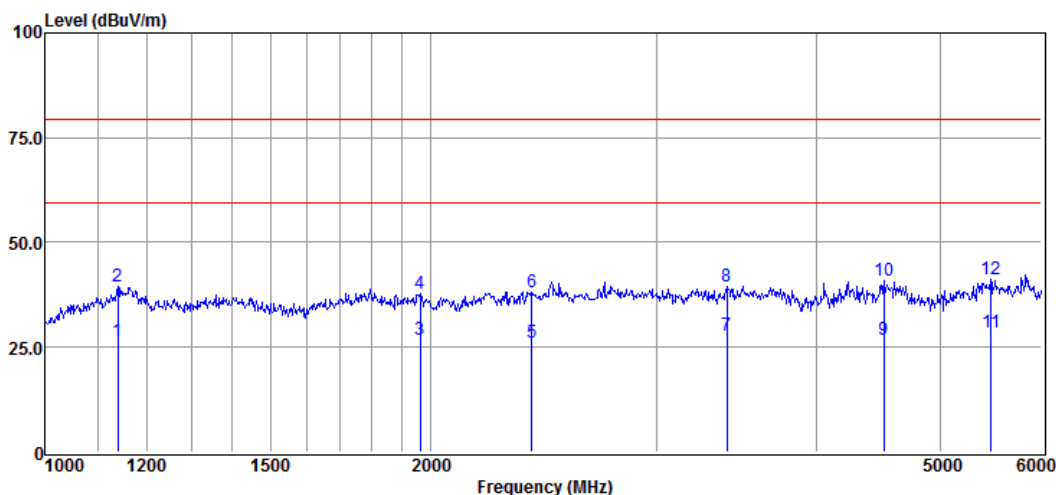
For new adaptor ADS-26SGP-12

Mode:a; Vertical:



Item	Freq.	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Result Level	Limit Line	Over Limit	Detector
(Mark )	(MHz)	(dBμV)	(dB/m)	(dB)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1	1179.21	36.80	24.70	40.69	3.39	24.20	59.50	-35.30	Average
2	1179.21	50.43	24.70	40.69	3.39	37.83	79.50	-41.67	Peak
3	1702.59	36.36	25.92	40.83	4.11	25.56	59.50	-33.94	Average
4	1702.59	48.54	25.92	40.83	4.11	37.74	79.50	-41.76	Peak
5	2376.00	32.49	27.64	41.02	5.12	24.23	59.50	-35.27	Average
6	2376.00	44.34	27.64	41.02	5.12	36.08	79.50	-43.42	Peak
7	2752.04	33.37	28.22	40.88	4.94	25.65	59.50	-33.85	Average
8	2752.04	45.13	28.22	40.88	4.94	37.41	79.50	-42.09	Peak
9	4261.13	28.37	31.33	40.71	7.06	26.05	59.50	-33.45	Average
10	4261.13	42.25	31.33	40.71	7.06	39.93	79.50	-39.57	Peak
11	5525.31	25.79	34.26	41.40	8.59	27.24	59.50	-32.26	Average
12	5525.31	38.91	34.26	41.40	8.59	40.36	79.50	-39.14	Peak

Mode:a; Horizontal:



Item	Freq.	Read Level	Antenna Factor	Preamp Factor	Cable Loss	Result Level	Limit Line	Over Limit	Detector
(Mark)	(MHz)	(dBμV)	(dB/m)	(dB)	(dB)	(dBμV/m)	(dBμV/m)	(dB)	
1	1139.74	39.25	24.66	40.71	3.20	26.40	59.50	-33.10	Average
2	1139.74	52.29	24.66	40.71	3.20	39.44	79.50	-40.06	Peak
3	1961.48	36.72	26.95	41.18	4.37	26.86	59.50	-32.64	Average
4	1961.48	47.69	26.95	41.18	4.37	37.83	79.50	-41.67	Peak
5	2397.39	34.39	27.67	41.00	4.91	25.97	59.50	-33.53	Average
6	2397.39	46.65	27.67	41.00	4.91	38.23	79.50	-41.27	Peak
7	3406.09	31.50	30.88	40.56	5.92	27.74	59.50	-31.76	Average
8	3406.09	43.42	30.88	40.56	5.92	39.66	79.50	-39.84	Peak
9	4520.68	31.09	30.64	41.28	6.38	26.83	59.50	-32.67	Average
10	4520.68	45.22	30.64	41.28	6.38	40.96	79.50	-38.54	Peak
11	5476.03	27.17	34.45	41.46	8.29	28.45	59.50	-31.05	Average
12	5476.03	39.95	34.45	41.46	8.29	41.23	79.50	-38.27	Peak

Note: 1. Result Level = Read Level + Antenna Factor + Cable loss - PRM Factor

2. If Peak Result comply with AV limit, AV Result is deemed to comply with AV limit

## 7 Photographs (Test Setup For the EUT)

### 7.1 Conducted Emissions on Mains Terminals Test Setup



### 7.2 Radiated Emission Test Setup

Below 1G:

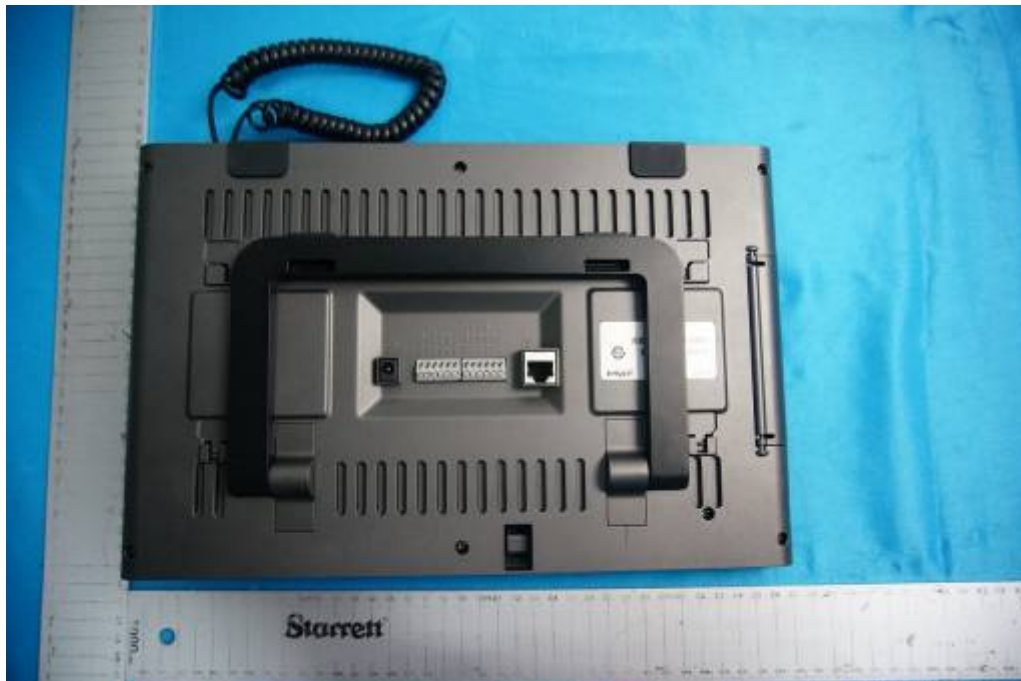


Above 1G:



## 8 EUT Constructional Details

### 8.1 Exterior of EUT







For new adaptor ADS-26SGP-12

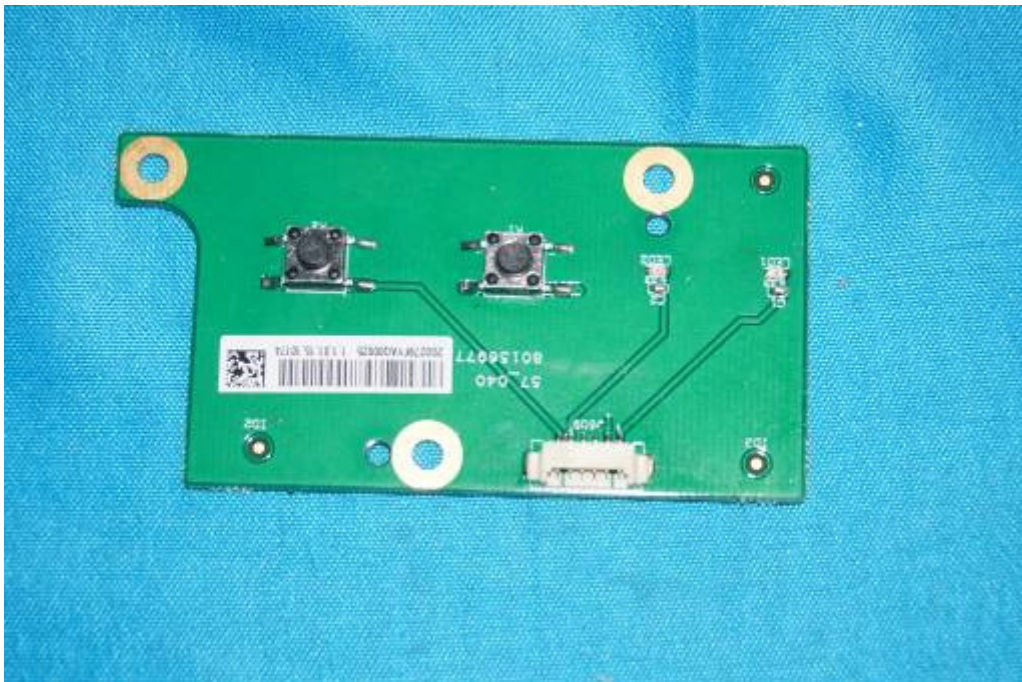
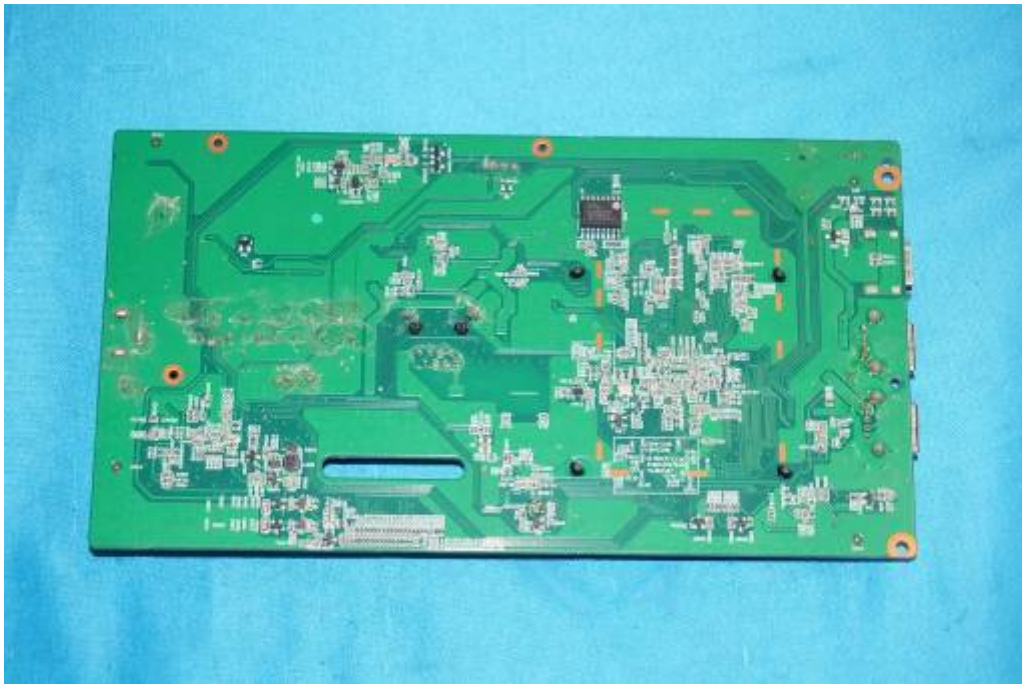


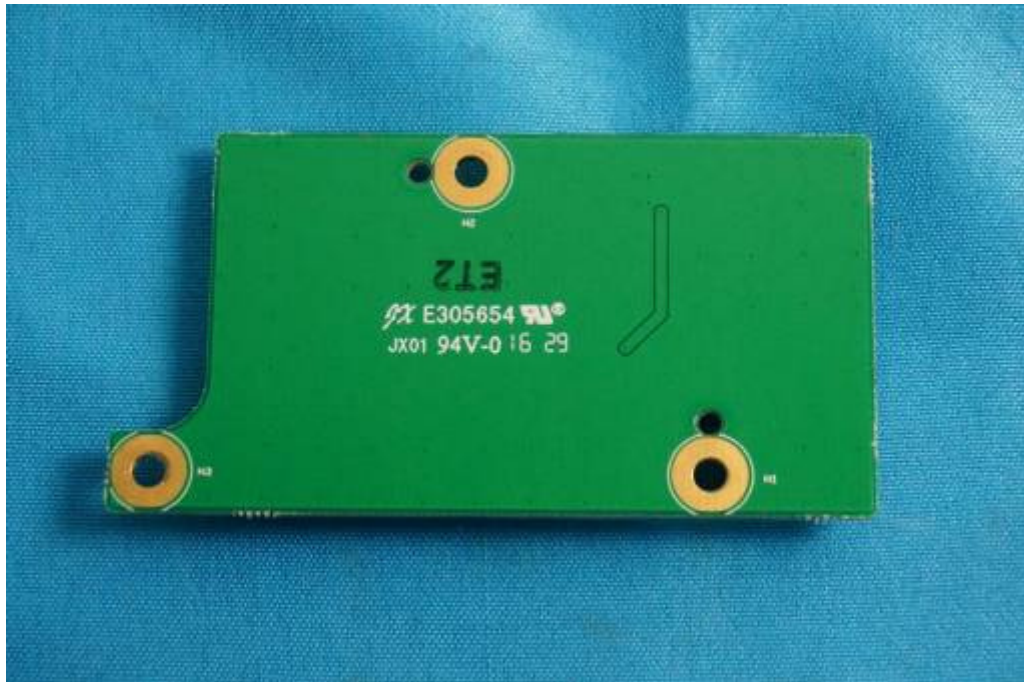


## 8.2 Interior of EUT



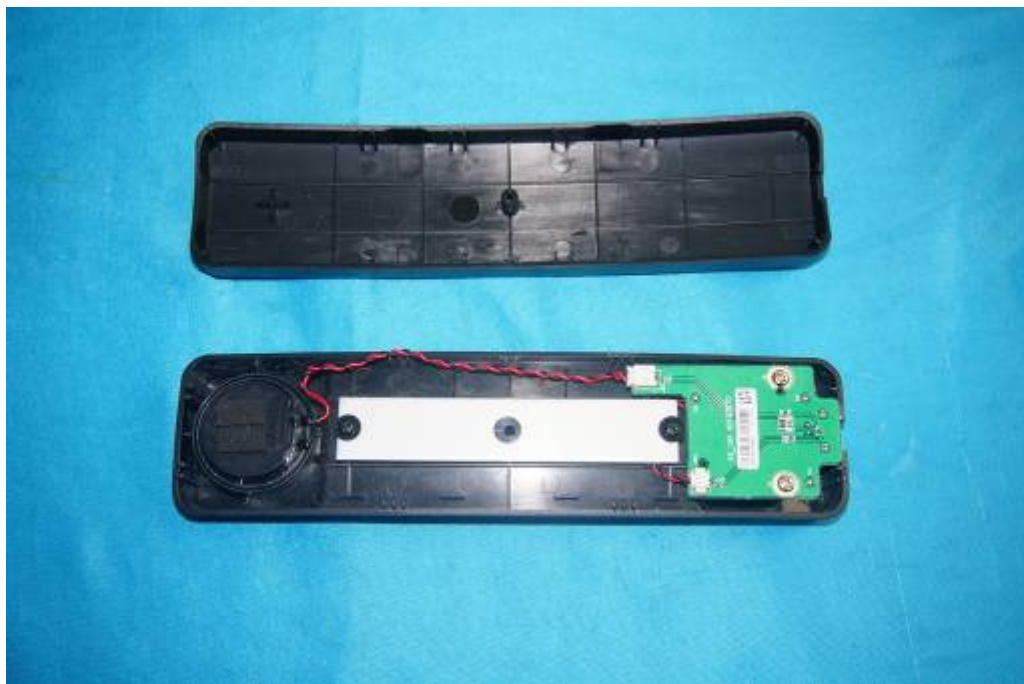




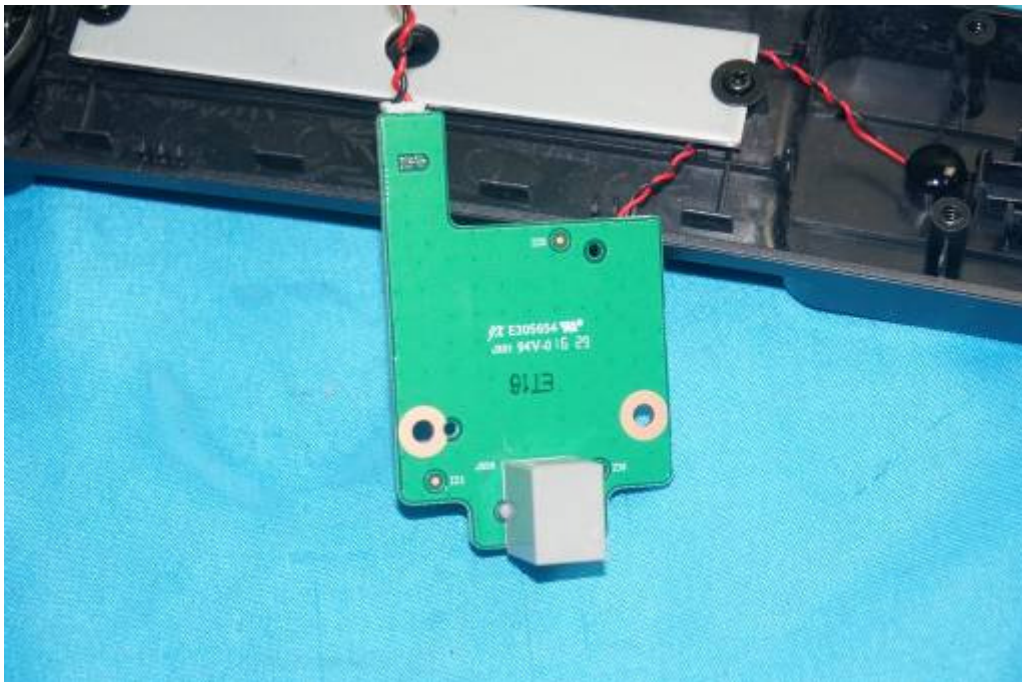












**--End of the Report--**