Test Report

Applicant:	EU3C Company Limited
Address of Applicant:	Unit 7, 8/F., Austin Tower, 22-26 Austin Avenue, Tsim Sha Tsui, Kowloon, Hong Kong
Equipment Under Test (EUT):	
EUT Name:	FilmScan35 FS-I-5M
Model No.:	SCND502E1234
Serial No.:	Not supplied by client
Standards:	FCC PART15 SUBPART B: 2007
Date of Receipt:	Mar. 14, 2011
Date of Test:	Mar. 14, 2011- Mar. 16, 2011
Date of Issue:	Mar. 20, 2011
Test Result :	**PASS***

* In the configuration tested, the EUT complied with the standards specified above.

Authorized Signature:

Henly.xie / Manager

This report refers to the General Conditions for Inspection and Testing Services, printed overleaf

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 this report.

This report may only be reproduced and distributed in full. 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.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

All test results in this report can be traceable to National or International Standards.

The test report prepare by:

Guangzhou Huesent Testing Service Co.,Ltd.

Self-ordained 68# courtyard, No.91, Dongguanzhuang Road,Guangzhou,China.

Tel: 86-20-87221453 Fax: 86-20-87221905

http://www.hst.org.cn E-mail:hst@hst.org.cn

2. Test Summary

Test	Test Requirement	Test Method	Class / Severity	Result
Radiated Emission (30MHz to 1GHz)	FCC PART 15, SUBPART B: 2007	ANSI C63.4:2003	Class B	PASS
Conducted Emission (150KHz to 30MHz)	FCC PART 15, SUBPART B: 2007	ANSI C63.4:2003	Class B	PASS

3. Contents

4. General Information

4.1 Client Information

Applicant:	EU3C Company Limited
Address of Applicant:	Unit 7, 8/F., Austin Tower, 22-26 Austin Avenue, Tsim Sha Tsui, Kowloon, Hong Kong

4.2 General Description of E.U.T.

EUT Name:	FilmScan35 FS-I-5M
Item No.:	SCND502E1234
Serial No.:	Not supplied by client

4.3 Details of E.U.T.

Power Supply:	By host USB port
Power Cord:	USB cable with a core , 120 cm

4.4 Description of Support Units

The EUT has been tested with a Fangzheng PC host (model: Wenxiang 630, included PC and LCD monitor) .

4.5 Standards Applicable for Testing

The standard used was FCC PART 15, SUBPART B, CLASS B 2007

4.6 Test Location

All tests were subcontract to the laboratory following:

CEPREI (headquarters) lab.

No.110, Dongguanzhuang Road, Tianhe District, Guangzhou city, Guangdong Province, P.R. China

Tel: 86-20-87237178 Fax: 86-20-87236171 Email: emc@ceprei.biz

FCC- Registration No: 258518 on Mar 25, 2005

4.8 Deviation from Standards

None.

4.9 Abnormalities from Standard Conditions

None.

5. Equipments Used during Test

No.	Test item.	Name of Equipment's	Model/Type	Last Calibrated Date
1	CE	EMI receiver	R&S ESCS 30	2010-6-8
2	CE	LISN	R&S ESH3-Z6	2010-6-8
3	CE	Shielded room	Lindgren 3.6*2.5*3	2010-6-8
4	RE	EMI RECEIVER	R&S ESU	2010-6-8
5	RE	Anechoic chamber	Lindgren FACT-4	2010-6-8
6	RE	Antenna	ETS•Lindgren 3142B	2010-6-8
Note: /				

6. Test Results

6.1 Conducted Emissions Mains Terminals, 150 kHz to 30MHz

Test Requirement:	FCC Part 15 B
Test Method:	ANSI C63.4
Class / Severity:	Class B
Detector:	Peak for pre-scan (9kHz Resolution Bandwidth)
	Quasi-Peak if maximised peak within 6dB of Quasi-Peak limit
Test Date:	Mar. 15, 2011

6.1.1 E.U.T. Operation

Operating Environment:

Temperature: 20.0°C Humidity:50% RH Atmospheric Pressure: 1020mBar

EUT Operation:

1. Connect the EUT via an USB cabal to PC host which is in 120V/60Hz.
2. Test the EUT work normally in previewing and scanning mode during the whole test.

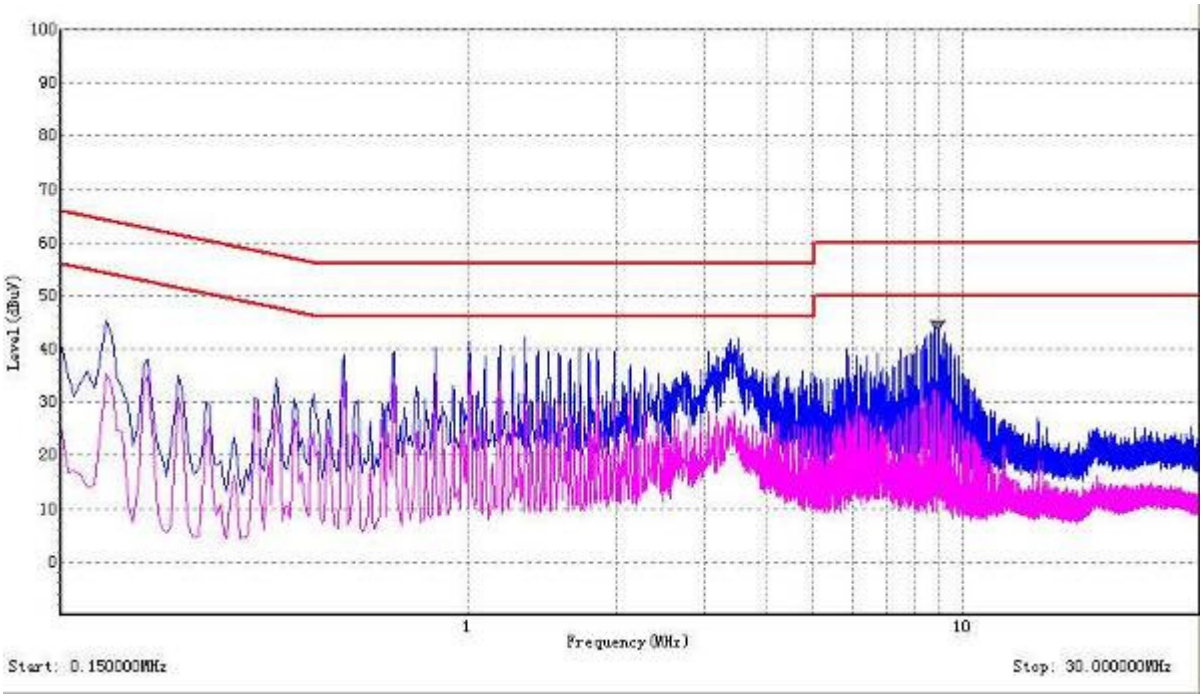
6.1.2 Plan View of Test Setup

6.1.3 Measurement Data

An initial pre-scan was performed on the live and neutral lines with peak detector.
Quasi-Peak and Average measurement were performed at the frequencies with maximized emission were detected when Peak measurement level is over Average Limit.

Live Line

Peak Scan

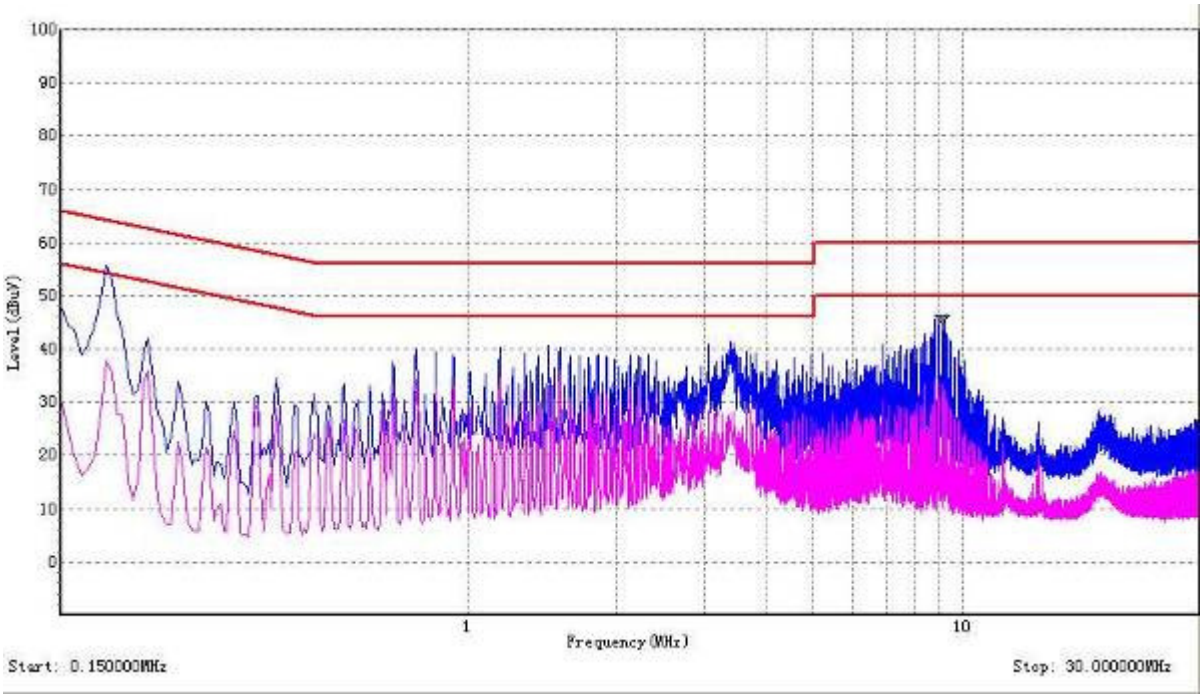


Quasi-peak and Average measurement

Freq. (MHz)	Line	QP (dBμV)	Transducer （dB）	QP limit (dBμV)	Margin (dB)	AV (dBμV)	Transducer （dB）	AV limit (dBμV)	Margin (dB)
0.185	Live	45.16	2.48	64.35	19.19	35.30	2.48	54.35	19.05
0.225	Live	38.02	2.19	62.70	24.68	34.94	2.19	52.70	17.76
0.710	Live	39.50	2.04	56.00	16.50	34.39	2.04	46.00	11.61
1.005	Live	41.35	2.30	56.00	14.65	35.53	2.30	46.00	10.47
3.500	Live	42.09	3.37	56.00	13.91	25.15	3.37	46.00	20.85
8.875	Live	44.55	2.96	60.00	15.45	32.10	2.96	50.00	17.90

Neutral Line

Peak Scan



Quasi-peak and Average measurement

Freq. (MHz)	Line	QP (dBμV)	Transducer （dB）	QP limit (dBμV)	Margin (dB)	AV (dBμV)	Transducer （dB）	AV limit (dBμV)	Margin (dB)
0.185	Neutral	55.65	2.48	64.35	8.70	37.91	2.48	54.35	16.44
0.225	Neutral	41.90	2.19	62.70	20.80	35.96	2.19	52.70	16.74
0.785	Neutral	39.98	2.08	56.00	16.02	34.20	2.08	46.00	11.80
1.455	Neutral	40.48	2.79	56.00	15.52	33.19	2.79	46.00	12.81
6.900	Neutral	40.88	3.15	60.00	19.12	30.32	3.15	50.00	19.68
9.065	Neutral	45.58	2.95	60.00	14.42	33.47	2.95	50.00	16.53

6.2 Radiated Emissions, 30MHz to 1GHz

Test Requirement:	FCC Part15 B
Test Method:	ANSI C63.4
Class:	Class B
Detector:	Peak for pre-scan (120kHz resolution bandwidth)
	Quasi-Peak if maximised peak within 6dB of limit
Test Date:	Mar. 15, 2011

6.2.1 E.U.T. Operation

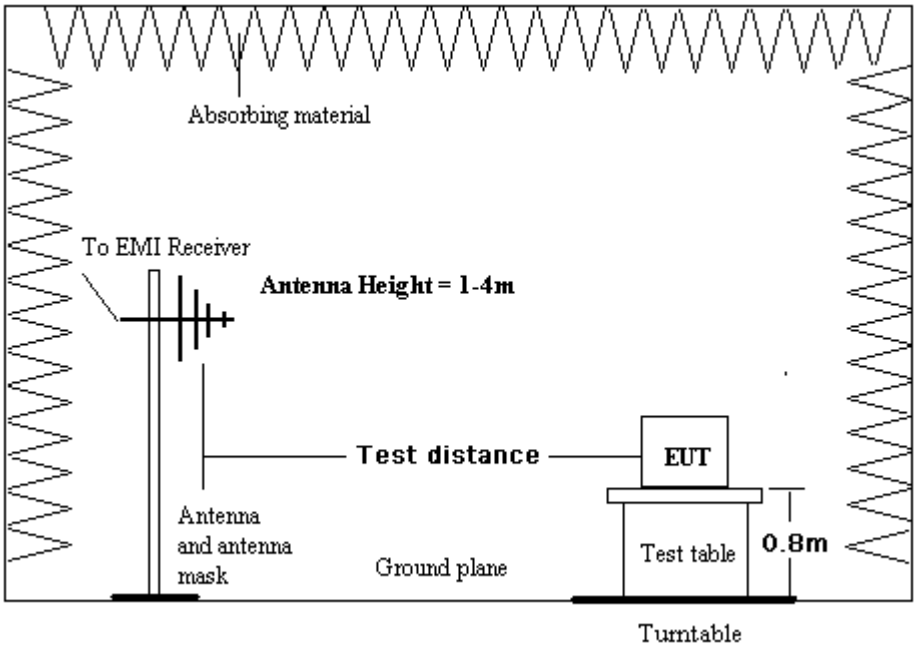
Operating Environment:

Temperature: 20°C Humidity:50% RH Atmospheric Pressure: 1020mBar

EUT Operation:

1. Connect the EUT via an USB cabal to PC host which is in 120V/60Hz.
2. Test the EUT work normally in previewing and scanning mode during the whole test.

6.2.2 Test Setup

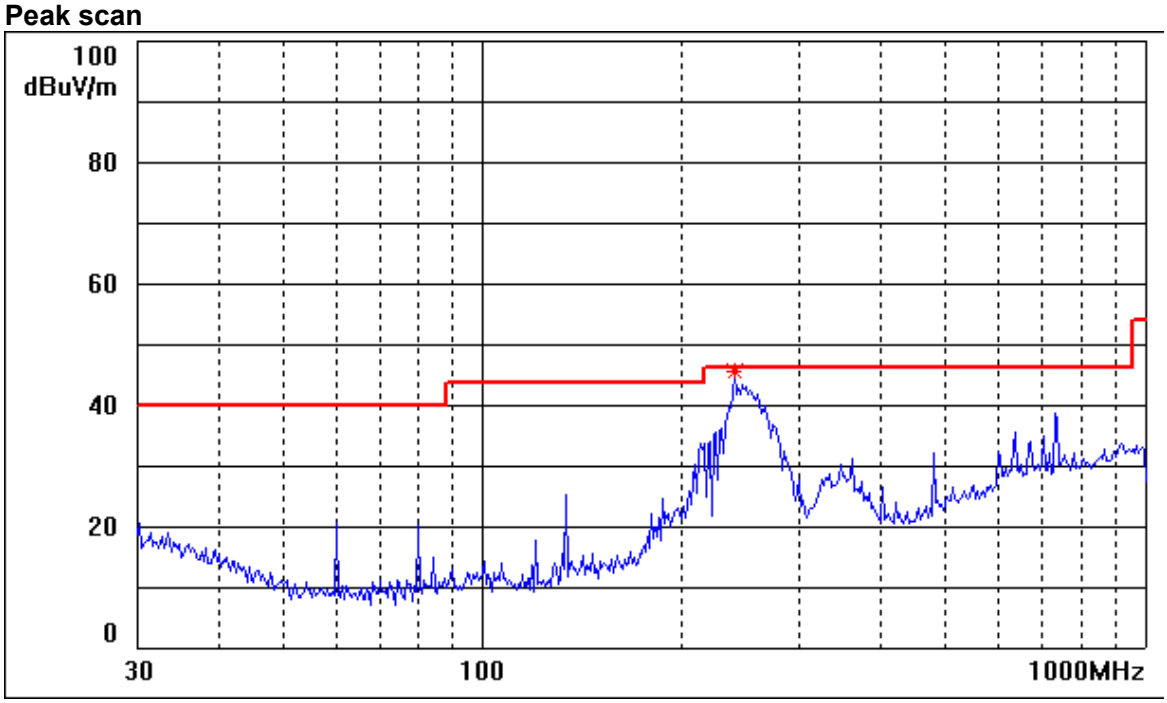


6.2.3 Measurement Data

An initial pre-scan was performed in the 3m chamber using the spectrum analyser in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by Bilog antenna with 2 orthogonal polarities

Horizontal:

Peak scan



Quasi-peak measurement

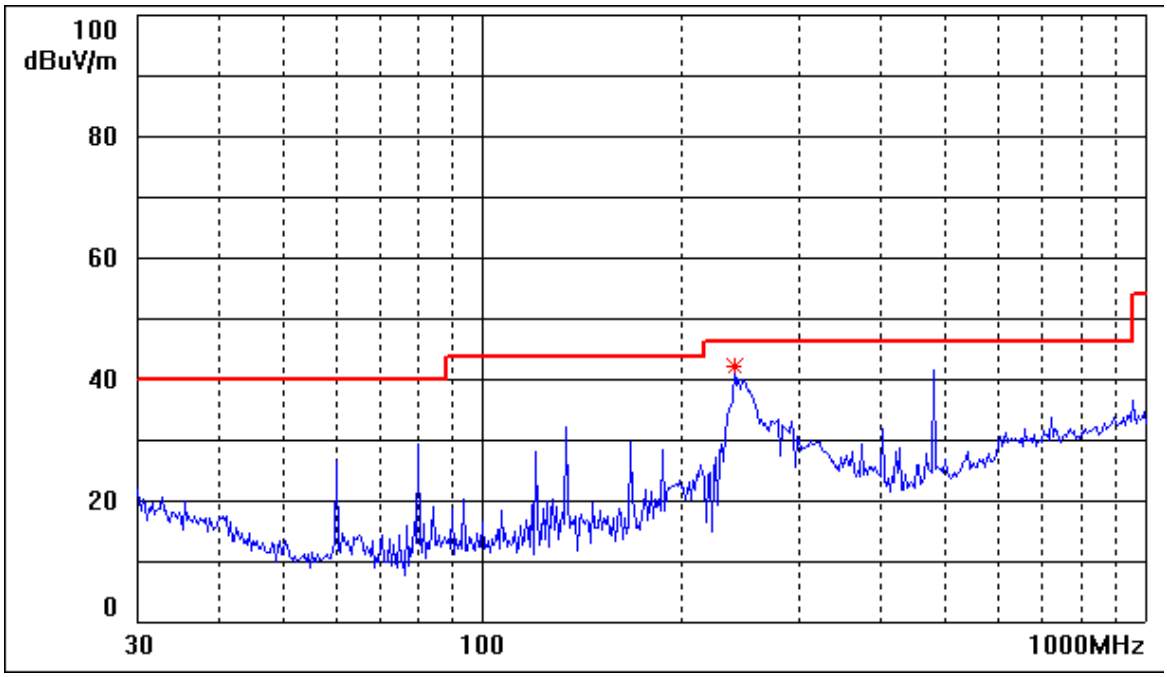
Frequency	Level	Transducer	Limit	Margin
MHz	dBuV/m	dB	dBuV/m	dB
60.01	21.1	7.6	40	18.9
80.02	21.2	8.2	40	18.8
141.4	26.0	8.8	43.5	17.5
210.2	33.7	11.6	43.5	9.8
240.05	42.1	13.8	46	3.9
720.16	38.9	23.3	46	7.1

Note:

The transducer factor includes antenna factor and cable loss.

Vertical:

Peak scan



Quasi-peak measurement

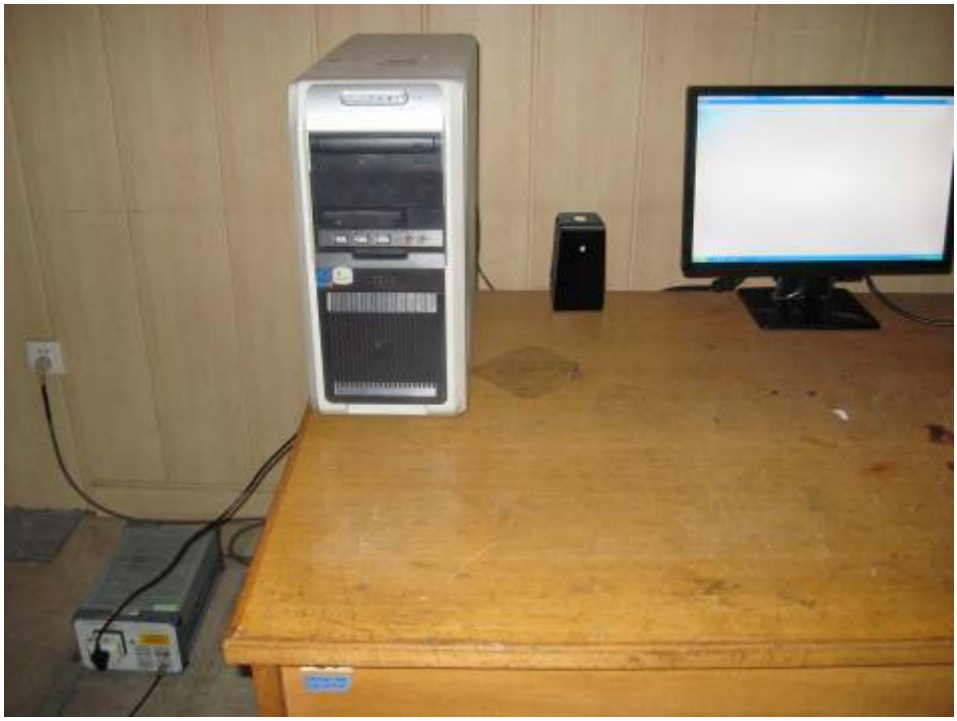
Frequency	Level	Transducer	Limit	Margin
MHz	dBuV/m	dB	dBuV/m	dB
60.01	27.2	7.6	40	12.8
80.02	29.8	8.2	40	10.2
141.4	31.7	8.8	43.5	11.8
171.6	29.5	10.3	43.5	14.0
240.05	42.2	13.8	46	3.8
480.10	41.7	19.2	46	4.3

Note:

The transducer factor includes antenna factor and cable loss.

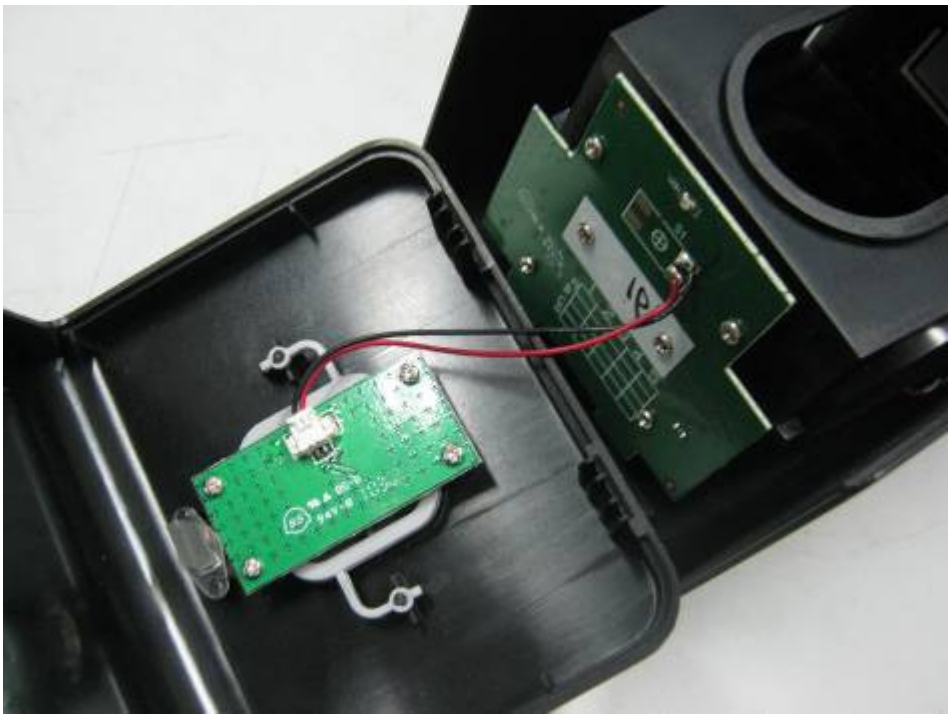
7. Photographs

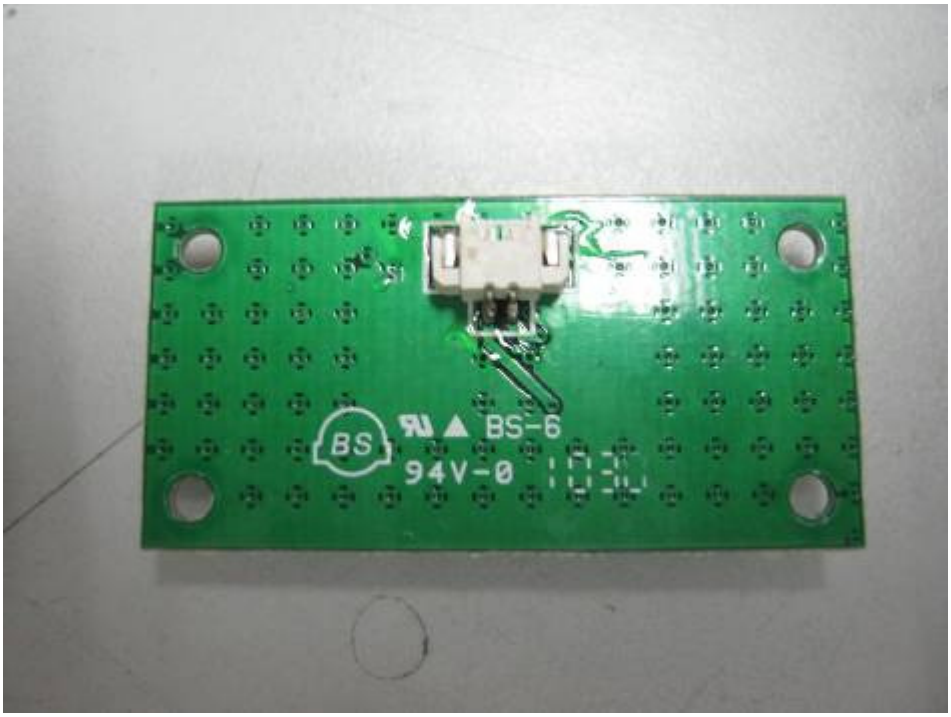
7.1 Conducted Emission Test Setup



7.2 Radiated Emission Test Setup

7.3 EUT Constructional Details

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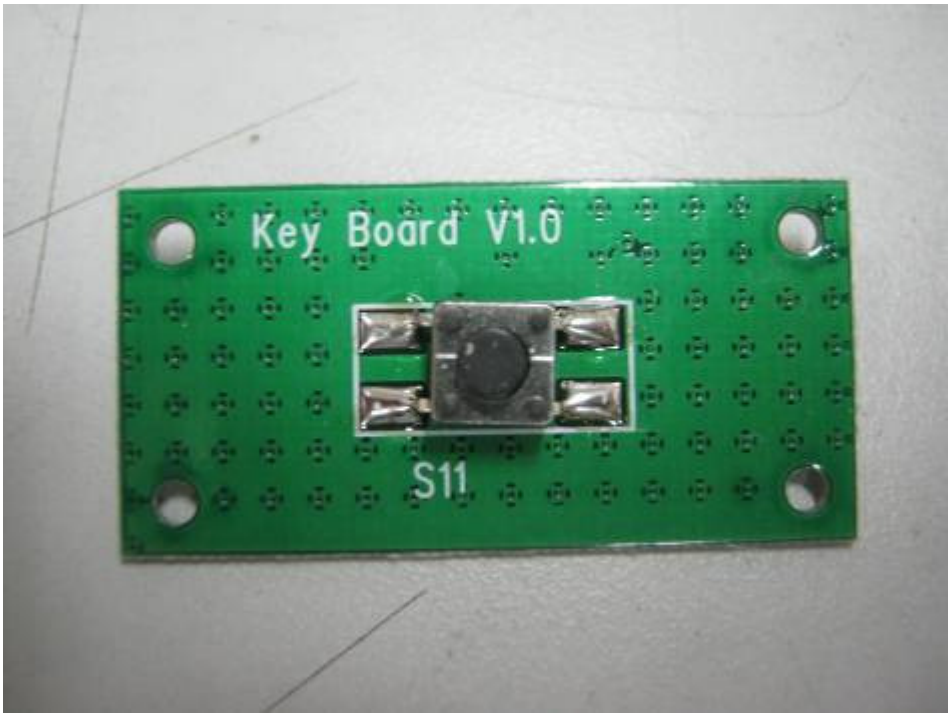
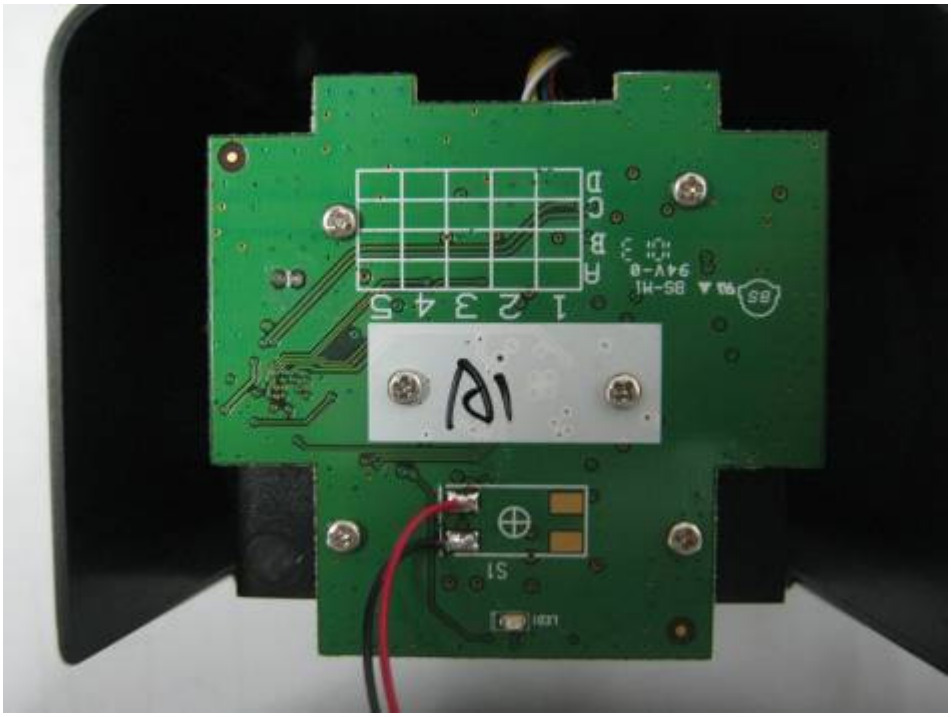
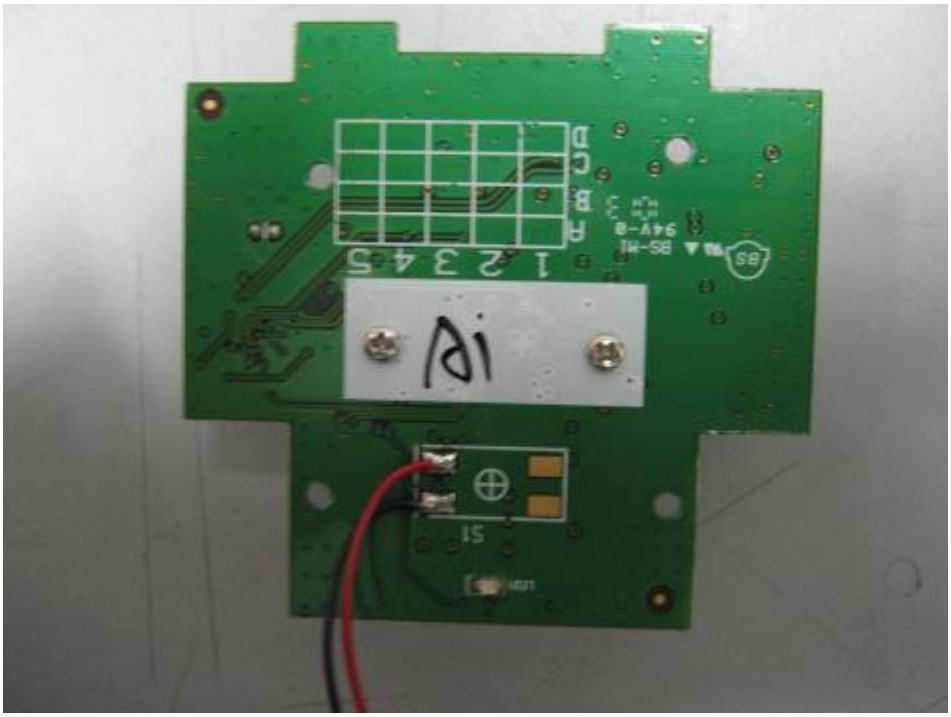
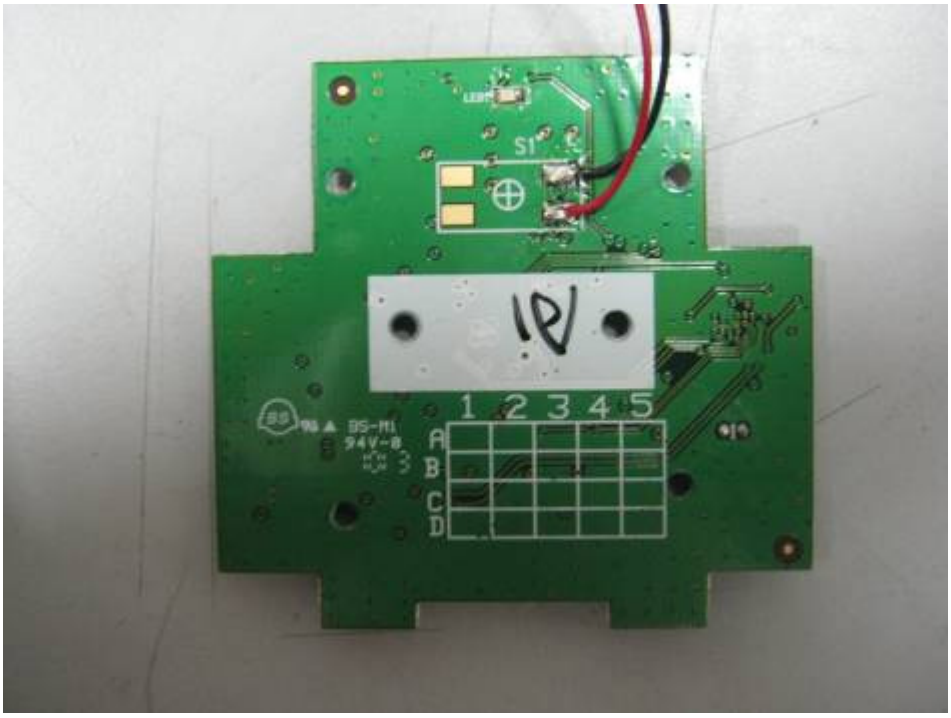
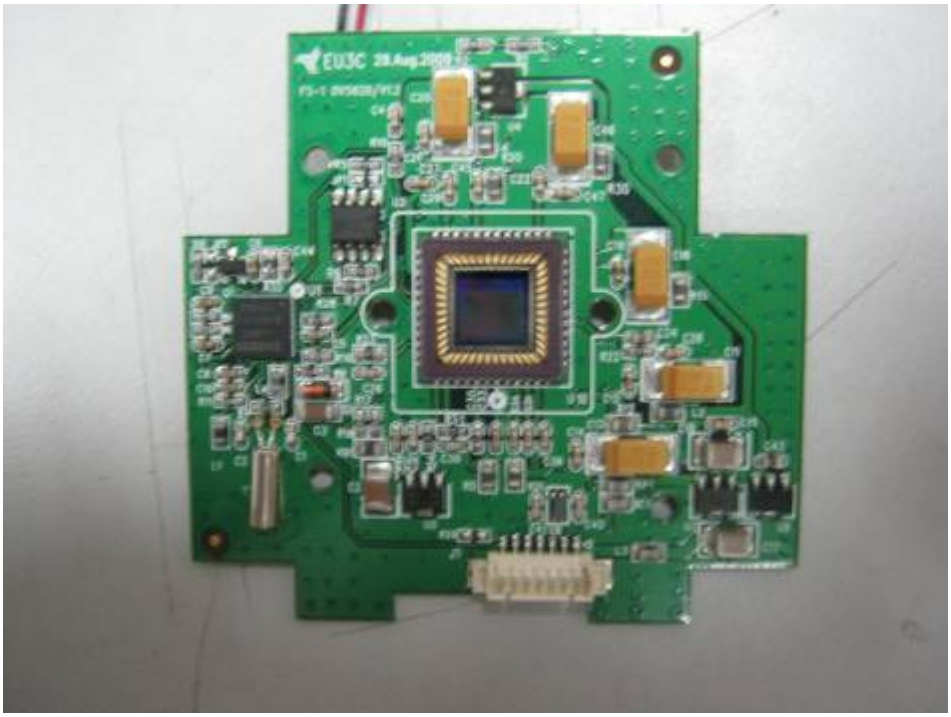
BS-6
94V-0

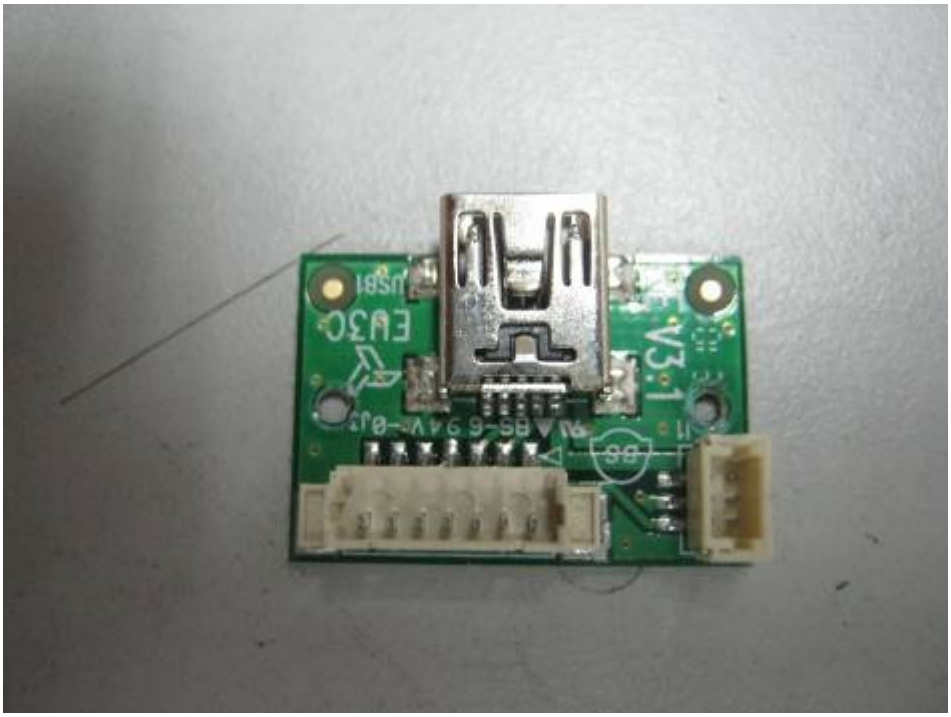

Key Board V1.0
S11

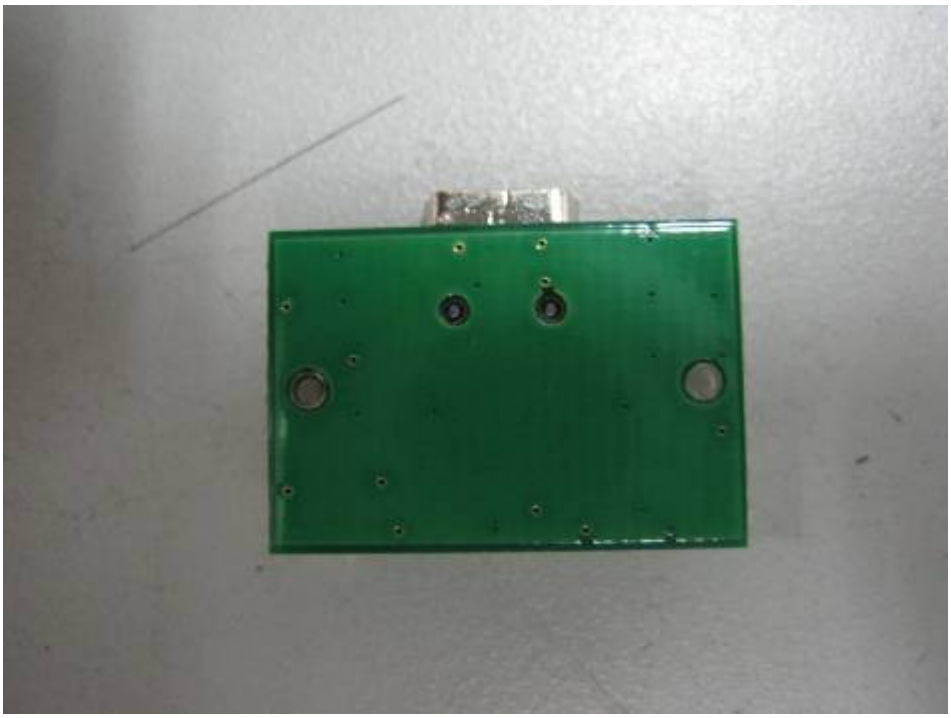


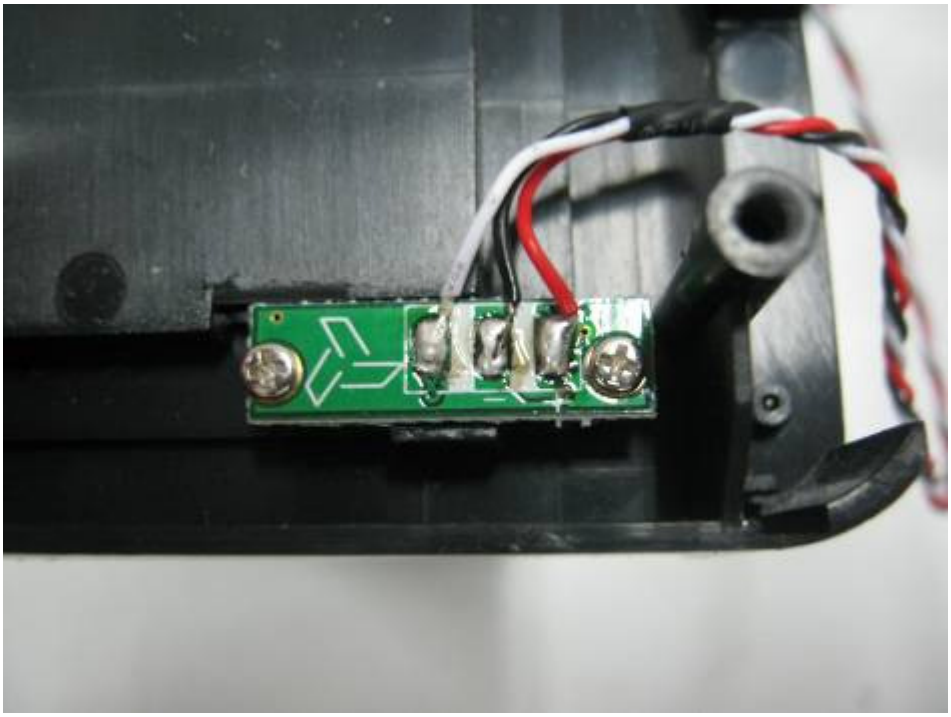


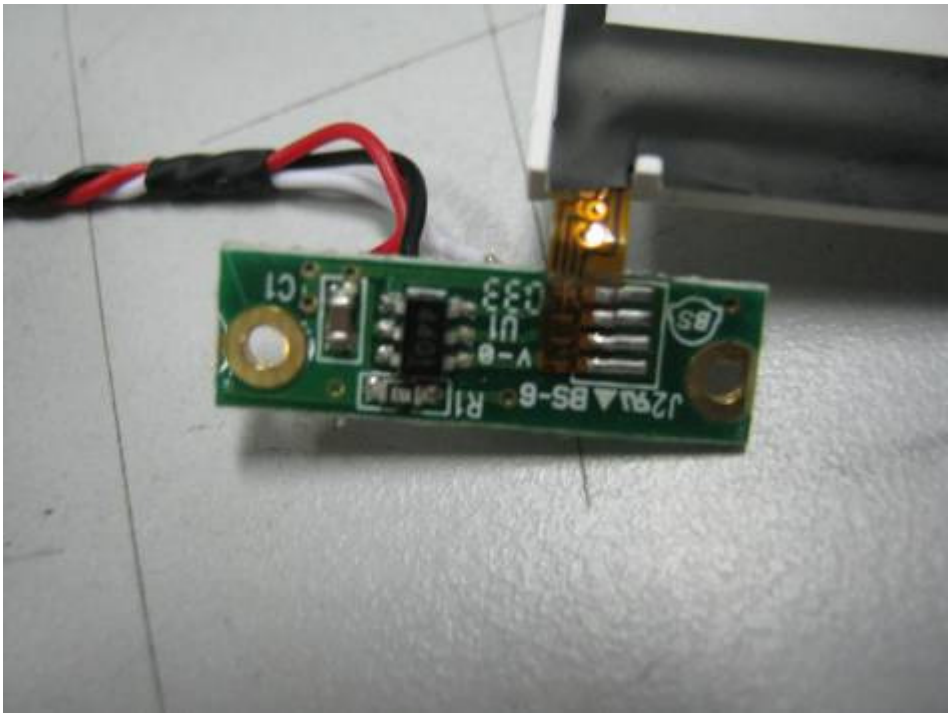

S1
1 2 3 4 5
A
B
C
D

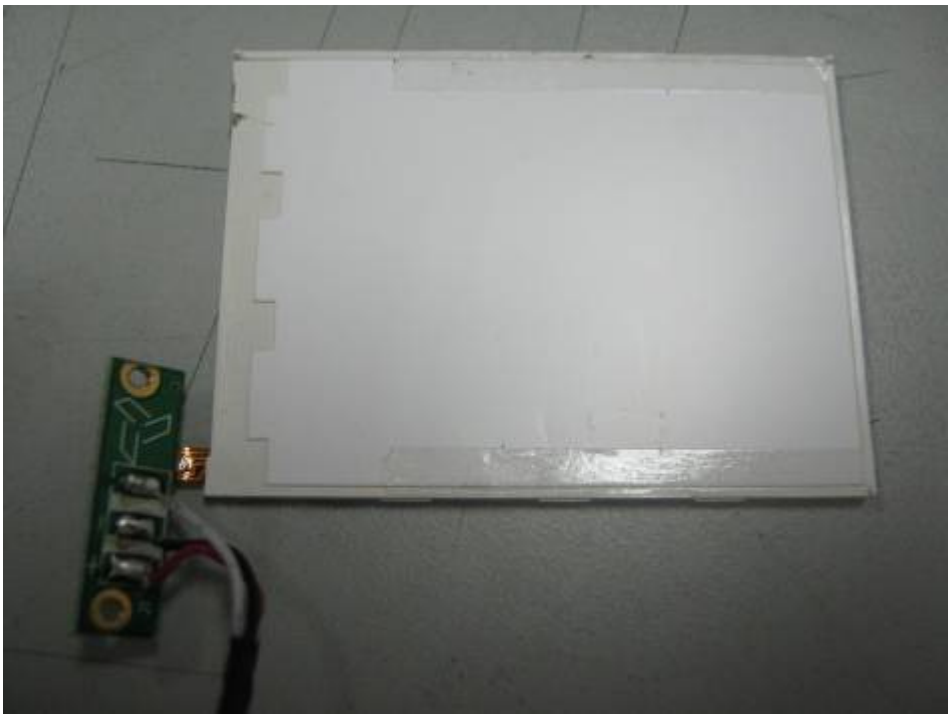












End of Report