Test Report

Applicant: JabloCOM s.r.o.

Address of Applicant: Ɉablonec nad Nisou,Pod Skalkou 4567/33,466 01

Equipment Under Test (EUT):

EUT Name: GSM desktop phone

Model No.:   GDP-04A

Serial No.:   Not supplied by client (IEMI No.:352023005364043)

Standards: FCC PART15 SUBPART B:2007

Date of Receipt: Sep 17, 2007

Date of Test: Dec 26, 2007

Date of Issue: Dec 28, 2007

Test Result :   **PASS***

Testing Engineer: Sandy Yu

*   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: JabloCOM s.r.o.

Address of Applicant: Jablonec nad Nisou,Pod Skalkou 4567/33,466 01

4.2 General Description of E.U.T.

EUT Name: GSM desktop phone

Item No.:   GDP-04A

Serial No.:   Not supplied by client (IEMI No.:352023005364043)

4.3 Details of E.U.T.

Power Supply: TESA1-120100d of Technics-GP,
               Input: 100-240VAC, 50/60Hz, max:0.32A,
               Output: 12VDC, 1A.

Power Cord: USB cord, 1.8m,
               DC cable, 2 wire x 1.8m

4.4 Description of Support Units

The EUT has been tested with a notebook 76631EC(S/N: L3c3273) of IBM and a telephone of XinWei (model: SW-219A).

4.5 Standards Applicable for Testing

The customer requested FCC tests for a SIM Card

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
FCC- Registratrion 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	Model/Type	Equipment No.	Calibrated Valid Duration
1	CE	EMI Test Receiver	R&S ESCS 30	100317	2007.06.08-2008.06.08
2	CE	LISN	R&S ESH3-Z5	640101042-02	2007.06.08-2008.06.08
3	CE	Shielded room	Lindgren 4*1.8*3	/	2007.06.08-2008.06.08
4	RE	EMI Test Receiver	R&S ESCS 30	100318	2007.06.08-2008.06.08
5	RE	BiConiLog Antenna	ETS•Lindgren 3142B	00026414	2007.06.08-2008.06.08
6	RE	Anechoic chamber	ETS•Lindgren RFSD-F-100	2693	2007.06.08-2008.06.08

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:	Dec 26,2007

6.1.1 E.U.T. Operation

Operating Environment:

　Temperature: 18.0°C　　　　Humidity:64% RH　　　　Atmospheric Pressure: 1030 mBar

EUT Operation:

EUT supplied on power of AC120VAC/60Hz with an adapter

1. Set EUT in normal work mode connecting with analogue phone by RJ11 line and USB cable;

2. Set EUT in data transmitting mode, the data came from a SD card inserted in the Notebook with JabloSuite software running, and 1m RJ11 line with load connected.

Before final measurement, the cables were manipulated to maximize emissions.

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- normal working mode via line with telephone

Quasi-peak measurement

Frequency	Level	Transd	Limit	Margin	Line
MHz	dBuV	dB	dBuV	dB	
0.170000	44.61	4.89	65.01	-20.40	L1
0.335000	43.02	3.71	59.40	-16.38	L1
0.840000	42.01	3.50	56.00	-13.99	L1
2.005000	43.24	3.46	56.00	-12.76	L1
7.270000	38.96	3.23	60.00	-21.04	L1
10.710000	25.33	3.21	60.00	-34.67	L1

Average measurement

Frequency	Level	Transd	Limit	Margin	Line
MHz	dBuV	dB	dBuV	dB	
0.170000	35.44	4.89	55.01	-19.57	L1
0.335000	34.87	3.71	49.40	-14.53	L1
0.840000	34.09	3.50	46.00	-11.91	L1
2.005000	31.21	3.46	46.00	-14.79	L1
7.270000	24.66	3.23	50.00	-25.34	L1
10.710000	14.06	3.21	50.00	-35.94	L1

Neutral Line- normal working mode via line with telephone

Quasi-peak measurement

Frequency	Level	Transd	Limit	Margin	Line
MHz	dBuV	dB	dBuV	dB	
0.175000	43.09	4.75	64.79	-21.70	N
0.345000	41.88	3.70	59.18	-17.30	N
0.865000	42.79	3.50	56.00	-13.21	N
2.065000	43.32	3.45	56.00	-12.68	N
7.110000	40.26	3.23	60.00	-19.74	N
29.720000	20.09	4.08	60.00	-39.91	N

Average measurement

Frequency	Level	Transd	Limit	Margin	Line
MHz	dBuV	dB	dBuV	dB	
0.175000	34.81	4.75	54.79	-19.98	N
0.345000	35.82	3.70	49.18	-13.36	N
0.865000	33.74	3.50	46.00	-12.26	N
2.065000	31.91	3.45	46.00	-14.09	N
7.110000	23.05	3.23	50.00	-26.95	N
29.720000	9.51	4.08	50.00	-40.49	N

Live Line- transmitting mode via USB cable with notebook

Quasi-peak measurement

Frequency	Level	Transd	Limit	Margin	Line
MHz	dBuV	dB	dBuV	dB	
0.220000	46.41	4.05	62.92	-16.51	L1
0.440000	42.79	3.56	57.09	-14.30	L1
1.320000	44.04	3.49	56.00	-11.96	L1
2.210000	49.75	3.44	56.00	-6.25	L1
7.370000	28.65	3.22	60.00	-31.35	L1
24.000000	29.31	3.87	60.00	-30.69	L1

Average measurement

Frequency	Level	Transd	Limit	Margin	Line
MHz	dBuV	dB	dBuV	dB	
0.220000	44.86	4.05	52.92	-8.06	L1
0.440000	40.89	3.56	47.09	-6.20	L1
1.320000	39.15	3.49	46.00	-6.85	L1
2.210000	39.28	3.44	46.00	-6.72	L1
7.370000	18.45	3.22	50.00	-31.55	L1
24.000000	22.77	3.87	50.00	-27.23	L1

Neutral Line- transmitting mode via USB cable with notebook

Quasi-peak measurement

Frequency	Level	Transd	Limit	Margin	Line
MHz	dBuV	dB	dBuV	dB	
0.200000	40.95	4.20	63.69	-22.74	N
0.405000	40.95	3.59	57.86	-16.91	N
1.010000	41.98	3.49	56.00	-14.02	N
2.005000	48.03	3.46	56.00	-7.97	N
6.330000	35.03	3.25	60.00	-24.97	N
24.000000	32.78	3.87	60.00	-27.22	N

Average measurement

Frequency	Level	Transd	Limit	Margin	Line
MHz	dBuV	dB	dBuV	dB	
0.200000	36.65	4.20	53.69	-17.04	N
0.405000	39.08	3.59	47.86	-8.78	N
1.010000	38.50	3.49	46.00	-7.50	N
2.005000	38.59	3.46	46.00	-7.41	N
6.330000	21.50	3.25	50.00	-28.50	N
24.000000	23.52	3.87	50.00	-26.48	N

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: Dec 27,2007

6.2.1 E.U.T. Operation

Operating Environment:

Temperature: 18°C   Humidity:64% RH   Atmospheric Pressure: 1030mBar

EUT Operation:

EUT supplied on power of AC120VAC/60Hz with an adapter

1. Set EUT in normal work mode connecting with analogue phone by RJ11 line and 1.8m USB cable terminal with resister;

2. Set EUT in data transmitting mode, the data came from a SD card inserted in the Notebook with JabloSuite software running, and 1.5m RJ11 line terminal with resister.

Before final measurement, the cables were manipulated to maximize emissions.

6.2.2 Test Setup
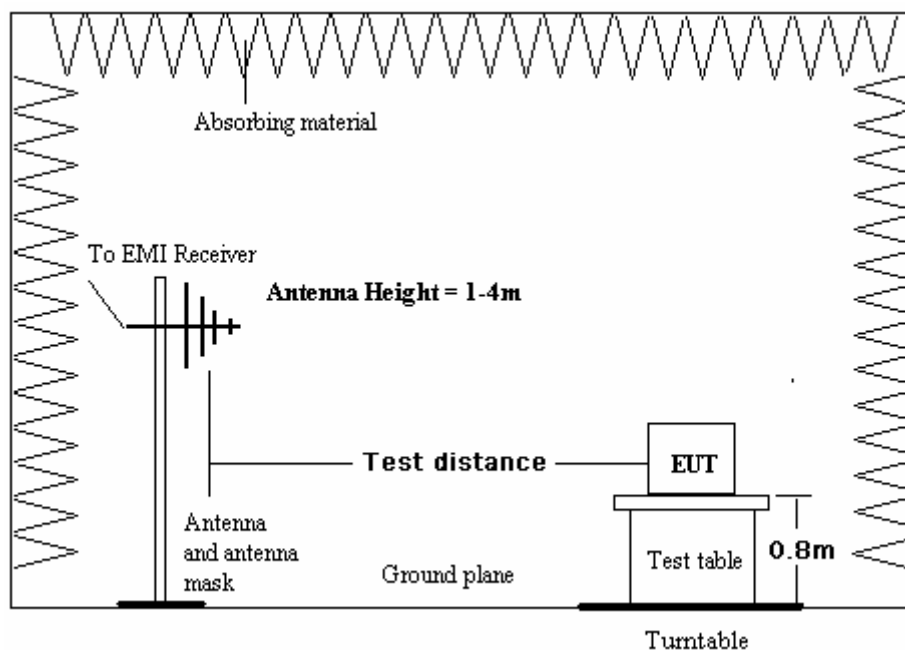
6.2.3 Measurement Data

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 - normal working mode via line with telephone

Quasi-peak measurement

Frequency	Level	Transducer Factor	Limit	Margin
MHz	dBuV/m	dB	dBuV/m	dB
38.8	31.1	14.2	40.0	-8.9
45.6	30.2	12.3	40.0	-9.8
133.2	35.2	14.6	43.5	-7.7
154.6	33.6	10.3	43.5	-9.9
189.1	32.1	9.3	43.5	-11.4
883.5	34.5	20.3	46.0	-11.5

Vertical – normal working mode via line with telephone

Quasi-peak measurement

Frequency	Level	Transducer Factor	Limit	Margin
MHz	dBμV/m	dB	dBμV/m	dB
45.9	34.5	11.0	40.0	-5.5
66.2	33.8	8.3	40.0	-6.2
134.0	36.0	13.3	43.5	-7.5
153.1	35.4	11.2	43.5	-8.1
450.5	32.3	16.4	46.0	-13.7
883.5	33.1	20.3	46.0	-12.9

Note: The transducer factor includes antenna factor and cable loss. EUT was measured on the worst emission status.

Horizontal - transmitting mode via USB cable with notebook

Quasi-peak measurement

Frequency	Level	Transducer Factor	Limit	Margin
MHz	dB μ V/m	dB	dB μ V/m	dB
32.8	31.9	10.3	40.0	-8.1
38.9	30.6	14.5	40.0	-9.4
132.1	34.1	13.2	43.5	-9.4
187.3	31.9	10.0	43.5	-11.6
241.6	31.4	10.9	46.0	-14.6
753.0	34.4	18.5	46.0	-11.6

Vertical - transmitting mode via USB cable with notebook

Quasi-peak measurement

Frequency	Level	Transducer Factor	Limit	Margin
MHz	dBµV/m	dB	dBµV/m	dB
30.9	34.4	8.9	40.0	-5.6
36.6	32.5	13.8	40.0	-7.5
134.0	37.7	13.3	43.5	-6.8
187.2	38.4	10.6	43.5	-7.6
365.0	33.6	15.2	46.0	-12.4
882.3	35.0	20.0	46.0	-11.0

Note: The transducer factor includes antenna factor and cable loss. EUT was measured on the worst emission status.

7. Photographs
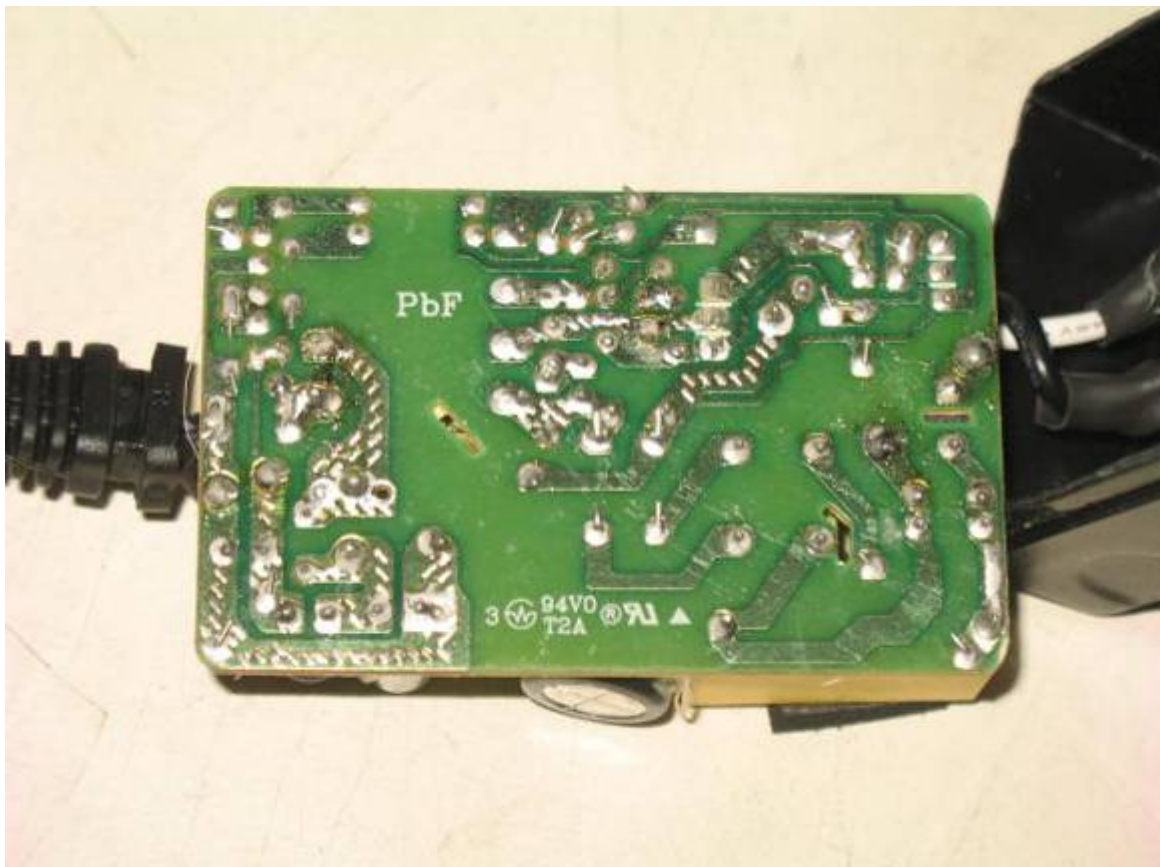
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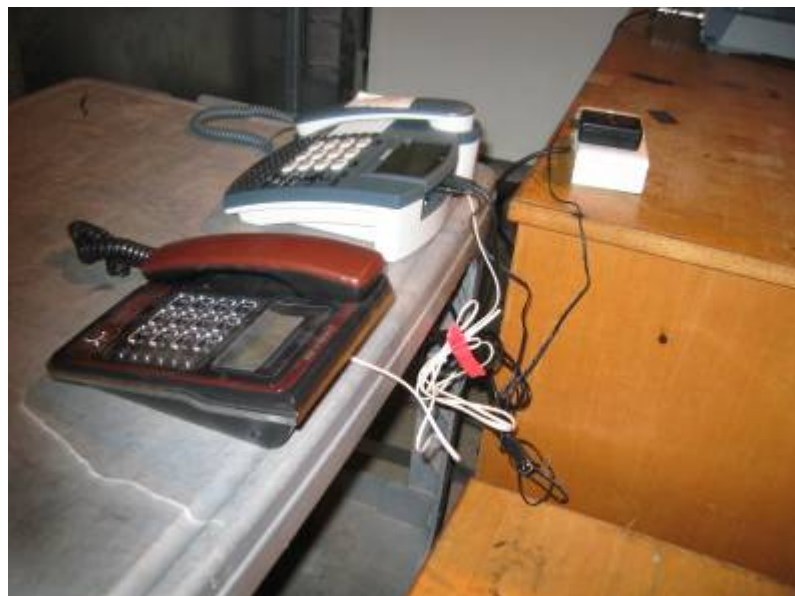
7.2 Radiated Emission Test Setup
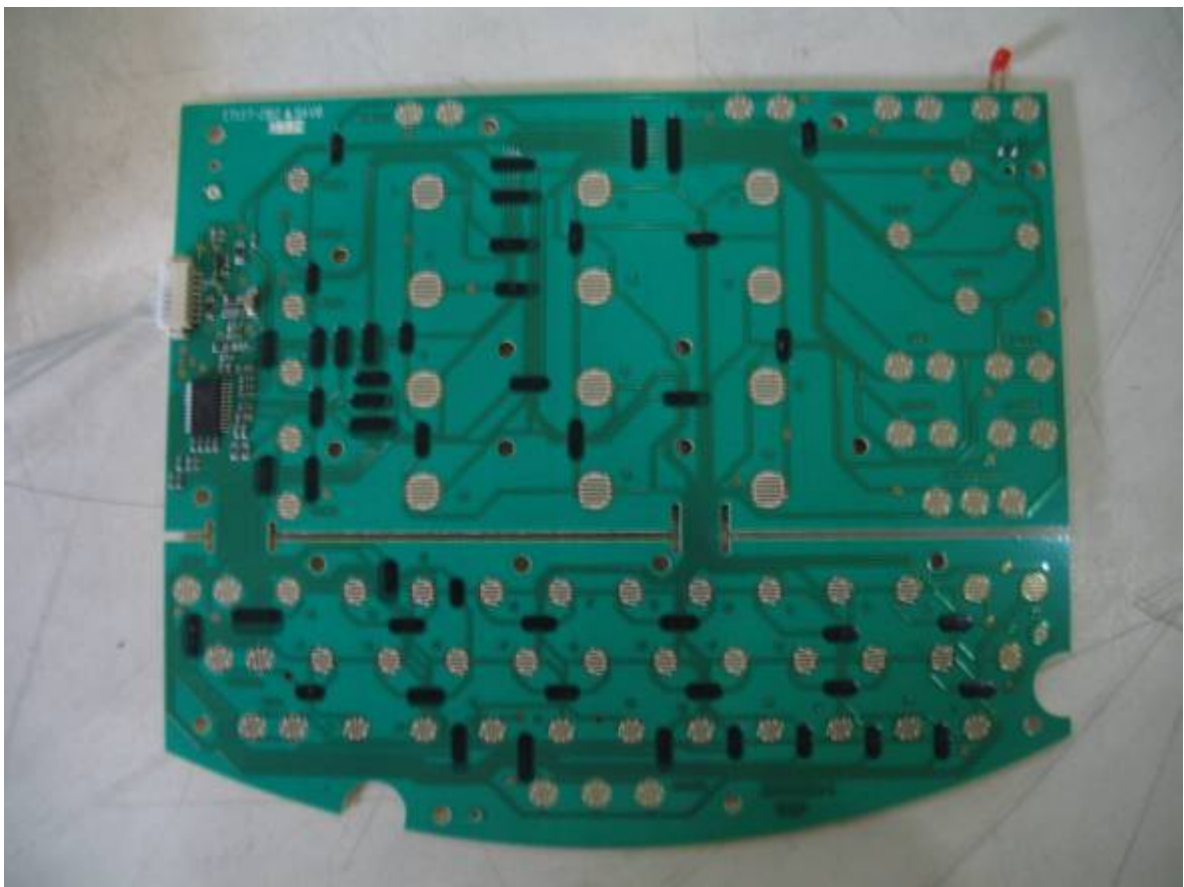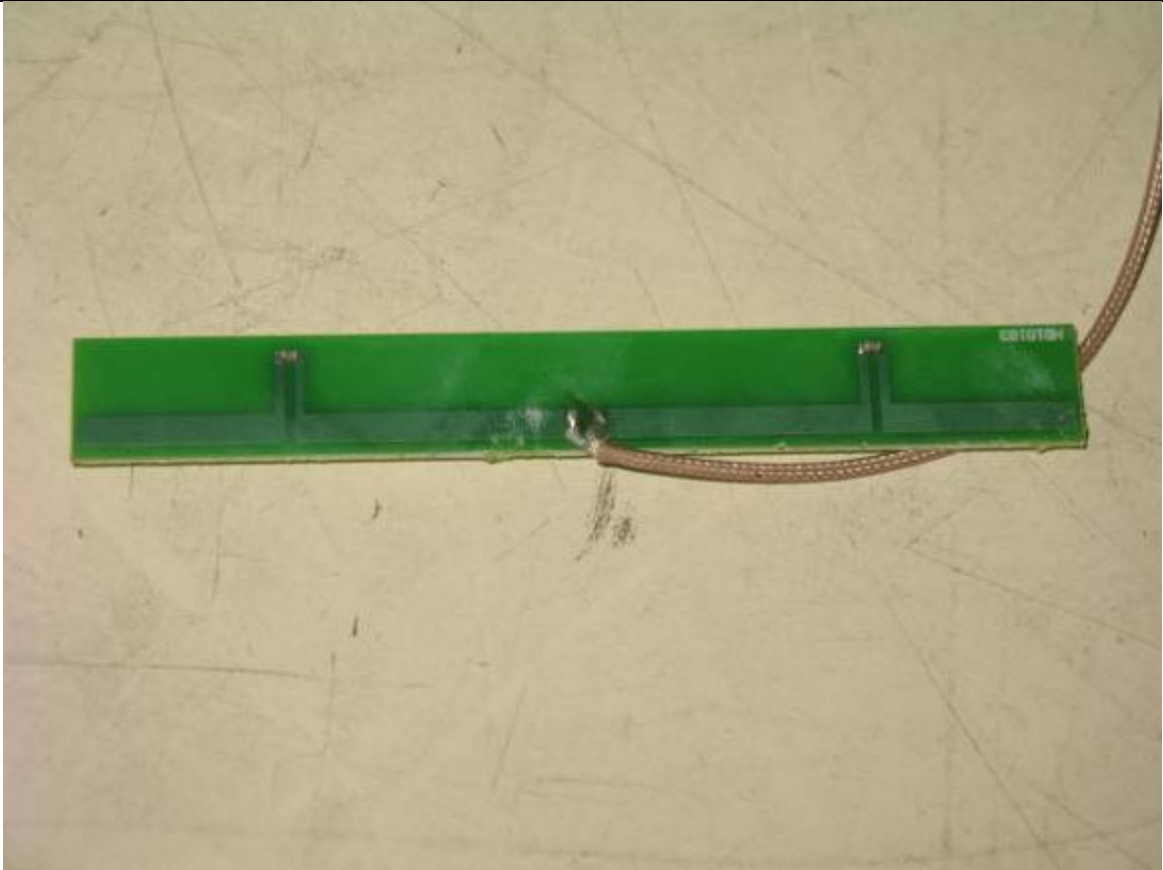
7.3 EUT Constructional Details

End of Report