

# Test Report

Applicant: Shenzhen Firstview Electronic Co., Ltd.

Product Name: 10.1 inch notebook

FCC ID Number: FCC ID: YW5-MI1041R

Brand Name: N/A

Model No.: MI1041R

Date of Receipt : Oct. 12, 2016

Date of Test: Oct. 12 -Oct. 24, 2016

Date of Report: Oct. 24, 2016

Prepared by: Most Technology Service Co., Limited

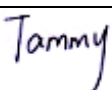


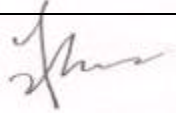
**The testing has been performed on the submitted samples and found in compliance with the council FCC Rules and Regulations Part 15 Subpart B.**

Most Technology Service Co., Limited  
Flat 32 Adventures Court, 12 Newport Avenue ,London E14 2DN

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# TEST REPORT VERIFICATION

|   |  |                    |
|---|--|--------------------|
| Report Number   | MTE/TYW/S16112382  |                    |
| Applicant   | Shenzhen Firstview Electronic Co., Ltd.  |                    |
|   | F3, Block B, Huafeng 1st Technology Zone, Baoan Main Road, Baoan District, Shenzhen, P.R.C                   |                    |
| Manufacturer  | Shenzhen Firstview Electronic Co., Ltd.  |                    |
|   | F3, Block B, Huafeng 1st Technology Zone, Baoan Main Road, Baoan District, Shenzhen, P.R.C                   |                    |
| Product   | Product Name   | 10.1 inch notebook |
|   | Model No.  | MI1041R            |
|   | Power Supply   | DC 5V by Adapter   |
| Test Result   | The EUT was found compliant with the requirement(s) of the standards.  |                    |
| Standard  | FCC Rules and Regulations Part 15 Subpart B Class B.   |                    |
| <p><b>*Note</b></p> <p>The above device has been tested by Most Technology Service Co., 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 test record, data evaluation &amp; Equipment Under Test (EUT) configurations represented are contained in this test report and Most Technology Service Co., Limited Is assumed full responsibility for the accuracy and completeness of test. Also, this report shows that the EUT is technically compliant with the requirement of the above standards.</p> <p>This report applies to above tested sample only. This report shall not be reproduced except in full, without written approval of Most Technology Service Co., Limited, this document may be altered or revised by Most Technology Service Co., Limited, personal only, and shall be noted in the revision of the document.</p> |  |                    |
| Prepared by   | <br>Tammy Wang           |                    |
|   |  |                    |
| Reviewed by   | <br>Henry Chen           |                    |
|   |                         |                    |
| Approved by   | <br>Yvette Zhou(Manager) |                    |
|   |  |                    |

# 1. GENERAL INFORMATION

## 1.1. Description of Device (EUT)

|              |   |                    |
|--------------|---|--------------------|
| Description  | : | 10.1 inch notebook |
|              |   |                    |
| Model Number | : | MI1041R            |
|              |   |                    |
| Remark       | : | N/A                |

## 1.2. Operational Mode(s) of EUT

|              |   |                         |
|--------------|---|-------------------------|
| Order Number | : | Test Mode(s)            |
| 1            | : | Running PC System +Ping |
|              | : |                         |
|              |   |                         |
|              |   |                         |
|              |   |                         |

## 1.3. Test Voltage(s) of EUT

|              |   |                  |
|--------------|---|------------------|
| Order Number | : | Test Voltage(s)  |
| 1            | : | DC 5V by Adapter |
|              | : |                  |
|              |   |                  |
|              |   |                  |
|              |   |                  |

## 1.4. Supporting System Details

### 1.4.1. Monitor

EMC CODE : Test Monitor B  
M/N : HEW8220Q  
S/N : CJ2A07270  
Manufacturer : PHILIPS  
Data cord : Shielded, detachable, 1.8m  
Power cord : Unshielded, detachable, 1.8m  
FCC ID :  
BSMI ID : N/A

### 1.4.2. Keyboard

EMC CODE : Test Keyboard  
M/N : SK-2880  
S/N : BC34C0CJ6UZ888  
Manufacturer : Hp  
Data cord : Unshielded, detachable , 1.5m  
FCC ID :  
BSMI ID : N/A

### 1.4.3. Mouse

EMC CODE : Test Mouse  
M/N : M-UAE58  
S/N : LZ4537H064N  
Manufacturer : LENOVO  
Data cord : Unshielded, detachable , 1.5m  
FCC ID :  
BSMI ID : N/A

### 1.4.4. Headphone

EMC CODE : Test Headphone  
M/N : SM-906  
S/N : 692739990369884  
Manufacturer : SOMC  
Data cord : Unshielded, detachable , 2.5m  
FCC ID :  
BSMI ID : N/A

## 2. LABORATORY INFORMATION

### 2.1. Laboratory Name

Most Technology Service Co., Limited

### 2.2. Location

No.5, 2nd Langshan Road, North District, Hi-tech Industrial Park, Nanshan,  
Shenzhen, Guangdong, China

### 2.3. Test facility

|                     |   |   |
|---------------------|---|---|
| 3m Anechoic Chamber | : | Nov. 28, 2012 File on Federal<br>Communication Commission<br>Registration Number:490827   |
| Shielding Room      | : | Nov. 28, 2012 File on Federal<br>Communication Commission<br>Registration Number:490827   |
| EMC Lab.            | : | Accredited by TUV Rheinland Shenzhen<br>Audit Report: UA 50149851<br>Mar. 12, 2009<br><br>Accredited by Industry Canada<br>Registration Number: 7103A-1<br>Oct. 22, 2012<br><br>Accredited by TIMCO<br>Registration Number: Q1460<br>March 28, 2010 |

### 2.4. Measurement Uncertainty

| No. | Item                                       | Uncertainty |
|-----|--|-------------|
| 1.  | Uncertainty for Conducted Disturbance Test | 1.25dB      |
| 2.  | Uncertainty for Radiated Disturbance Test  | 3.15dB      |

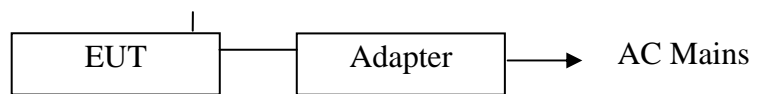
### 3. SUMMARY OF TEST RESULTS

| EMISSION                                   |                                    |         |         |
|--|------------------------------------|---------|---------|
| Test Item                                  | Standard                           | Limits  | Results |
| Conducted disturbance at mains terminals   | FCC Subpart 15 B<br>Section 15.107 | Class B | PASS    |
| Radiated disturbance                       | FCC Subpart 15 B<br>Section 15.109 | Class B | PASS    |
| N/A is an abbreviation for Not Applicable. |                                    |         |         |

## 4. BLOCK DIAGRAM OF TEST SETUP

The equipments are installed test to meet ANSI C63.4:2014 requirement and operating in a manner which tends to maximize its emission characteristics in a normal application. EUT was tested in normal configuration (Please See following Block diagrams)

### 4.1. Block Diagram of connection between EUT and simulation-EMI



(EUT: 10.1 inch notebook)

## 5. TEST INSTRUMENT USED

### 5.1. For Conducted Disturbance at Mains Terminals Emission Test

| Item | Equipment      | Manufacturer    | Model No. | Serial No. | Last Cal.   | Cal. Interval |
|------|----------------|-----------------|-----------|------------|-------------|---------------|
| 1.   | Test Receiver  | Rohde & Schwarz | ESCI      | 100492     | Mar. 10, 16 | 1 Year        |
| 2.   | L.I.S.N.       | Rohde & Schwarz | ENV216    | 100093     | Mar. 10, 16 | 1 Year        |
| 3.   | Coaxial Switch | Anritsu Corp    | MP59B     | 6200283933 | Mar. 07, 16 | 1 Year        |
| 4.   | Terminator     | Hubersuhner     | 50Ω       | No.1       | Mar. 07, 16 | 1 Year        |
| 5.   | RF Cable       | SchwarzBeck     | N/A       | No.1       | Mar. 07, 16 | 1 Year        |

### 5.2. For Radiation Test (In Anechoic Chamber) (Below 1000MHz)

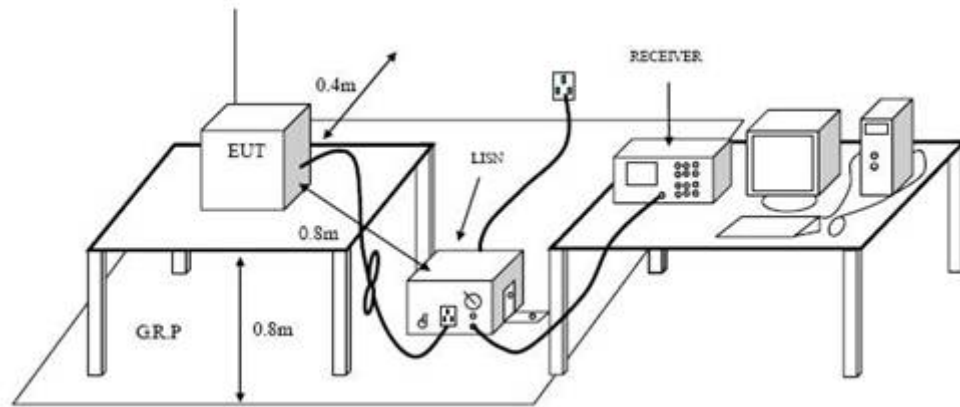
| Item | Equipment                      | Manufacturer    | Model No.  | Serial No. | Last Cal.   | Cal. Interval |
|------|--------------------------------|-----------------|------------|------------|-------------|---------------|
| 1.   | Test Receiver                  | Rohde & Schwarz | ESPI       | 101202     | Mar. 10, 16 | 1 Year        |
| 2.   | Bilog Antenna                  | Sunol           | JB3        | A121206    | Mar. 14, 16 | 1 Year        |
| 3.   | Cable                          | Resenberger     | N/A        | NO.1       | Mar. 07, 16 | 1 Year        |
| 4.   | Cable                          | SchwarzBeck     | N/A        | NO.2       | Mar. 07, 16 | 1 Year        |
| 5.   | Cable                          | SchwarzBeck     | N/A        | NO.3       | Mar. 07, 16 | 1 Year        |
| 6.   | DC Power Filter                | DuoJi           | DL2×30B    | N/A        | N/A         | N/A           |
| 7.   | Single Phase Power Line Filter | DuoJi           | FNF 202B30 | N/A        | N/A         | N/A           |
| 8.   | 3 Phase Power Line Filter      | DuoJi           | FNF 402B30 | N/A        | N/A         | N/A           |

### 5.3 For Radiation Test (In Anechoic Chamber) (Above 1000MHz)

| Item | Equipment                      | Manufacturer | Model No.  | Serial No.    | Last Cal.   | Cal. Interval |
|------|--------------------------------|--------------|------------|---------------|-------------|---------------|
| 1    | Spectrum Analyzer              | Agilent      | E4408B     | MY414400460   | Mar. 14, 16 | 1 Year        |
| 2    | Pre-Amplifier                  | DCS          | PAP-0118   | 24001         | Mar. 14, 16 | 1 Year        |
| 3    | Horn Antenna                   | Schwarzback  | BBHA9120 D | D69250        | Mar. 14, 16 | 1 Year        |
| 4    | RF Cable                       | Schwarzback  | LL142-10   | RF Cable No.1 | Mar. 07, 16 | 1 Year        |
| 5    | RF Cable                       | Schwarzback  | LL142-0.05 | RF Cable No.2 | Mar. 07, 16 | 1 Year        |
| 6    | DC Power Filter                | DuoJi        | DL2×30B    | N/A           | N/A         | N/A           |
| 7    | Single Phase Power Line Filter | DuoJi        | FNF 202B30 | N/A           | N/A         | N/A           |
| 8    | 3 Phase Power Line Filter      | DuoJi        | FNF 402B30 | N/A           | N/A         | N/A           |

## 6. CONDUCTED DISTURBANCE AT MAINS TERMINALS TEST

### 6.1. Configuration of Test System



### 6.2. Test Standard

FCC Subpart 15 B Section 15.107

### 6.3. Power Line Conducted Disturbance at Mains Terminals Limit

| Frequency<br>(MHz) | Maximum RF Line Voltage          |                               |
|--------------------|----------------------------------|-------------------------------|
|                    | Quasi-Peak Level<br>dB( $\mu$ V) | Average Level<br>dB( $\mu$ V) |
| 0.15 ~ 0.50        | 66 ~ 56*                         | 56 ~ 46*                      |
| 0.50 ~ 5.00        | 56                               | 46                            |
| 5.00 ~ 30.00       | 60                               | 50                            |

Notes: 1. \* Decreasing linearly with logarithm of frequency.

2. The lower limit shall apply at the transition frequencies.

### 6.4. Test Procedure

The EUT was placed on a non-metallic table, 80cm above the ground plane. The EUT Power connected to the power mains through a line impedance stabilization network (L.I.S.N. 1#). This provided a 50-ohm coupling impedance for the EUT (Please refer to the block diagram of the test setup and photographs). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N.#2). Both sides of power line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipments and all of the interface cables were changed according to ANSI C63.4:2014 on conducted Disturbance test.

The bandwidth of test receiver is set at 9kHz.

The frequency range from 150kHz to 30MHz is checked. The test result are reported on Section 6.5.

## 6.5. Conducted Disturbance at Mains Terminals Test Results

6.5.1. Test Results: PASS

6.5.2. If the average limit is met when using a quasi-peak detector, the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.

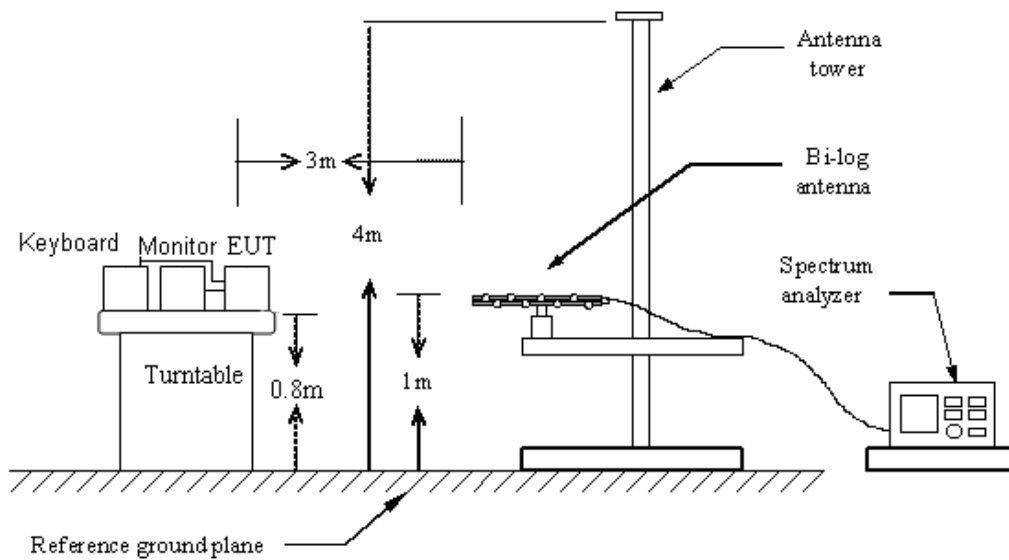
6.5.3. Emission Level = Correct Factor + Reading Level.

6.5.4. The test data and the scanning waveform are attached within Appendix I.

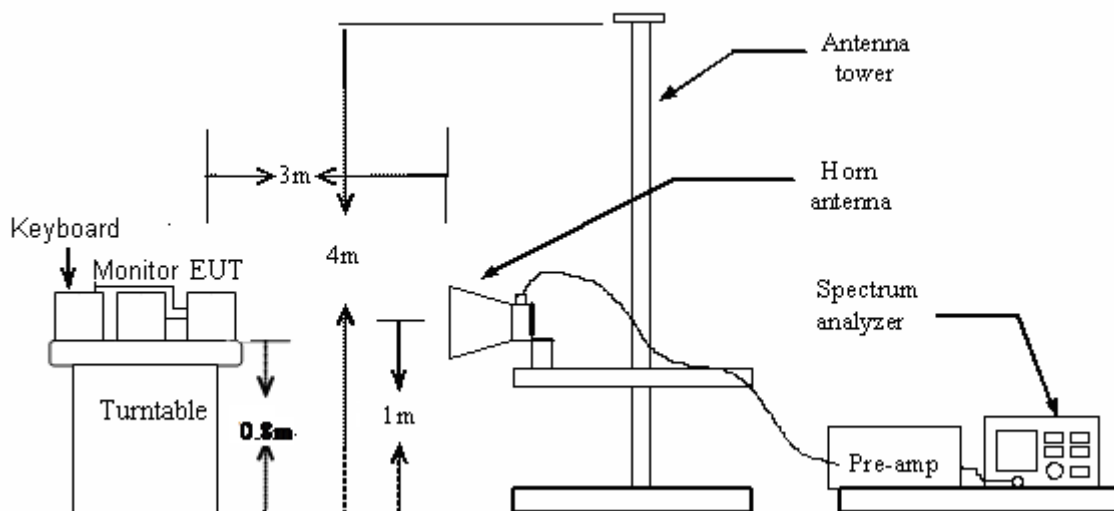
## 12 RADIATED DISTURBANCE TEST

### 12 Configuration of Test System

2) For radiated emissions from 30MHz to 1GHz



3) For radiated emissions above 1GHz



### 13Test Standard

FCC Subpart 15 B Section 15.109

### 13Radiated Disturbance Limit

| Frequency<br>(MHz) | Distance<br>(Meters) | Field Strengths Limits<br>(dB $\mu$ V/m) |        |
|--------------------|----------------------|--|--------|
| 30 ~ 88            | 3                    | 40.0                                     |        |
| 88~216             | 3                    | 43.5                                     |        |
| 216~960            | 3                    | 46.0                                     |        |
| 960 ~ 1000         | 3                    | 54.0                                     |        |
| 1000-25000         | 3                    | 74(Peak)                                 | 54(AV) |

Note: 1. Emission level (dB) $\mu$ V = 20 log Emission level  $\mu$ V/m

2.The lower limit shall apply at the transition frequencies.

3. Distance refers to the distance in meters between the test antenna and the closed point of any part of the EUT.

### 13Test Procedure

1. The EUT was placed on the top of a wooden table 0.8 meters (for measurement at frequency below 1GHz) and a wooden table 0.8 meters (for measurement at frequency above 1GHz) above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.
2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
3. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter, for the test frequency of above 1GHz, horn antenna opening in the test would have been facing the EUT when rise or fall) and the table was turned from 0 degrees to 360 degrees to find the maximum reading.
5. Set the spectrum analyzer in the following setting as:  
Below 1GHz: PEAK: RBW=100 kHz / VBW=300 kHz / Sweep=AUTO QP: RBW=120 kHz / Sweep=AUTO  
Above 1GHz: (a) PEAK: RBW=VBW=1MHz / Sweep=AUTO  
(b)AVERAGE: RBW=1MHz / VBW=10Hz / Sweep=AUTO

The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

6. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the

emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

## 14 Radiated Disturbance Test Results

Test Results: PASS

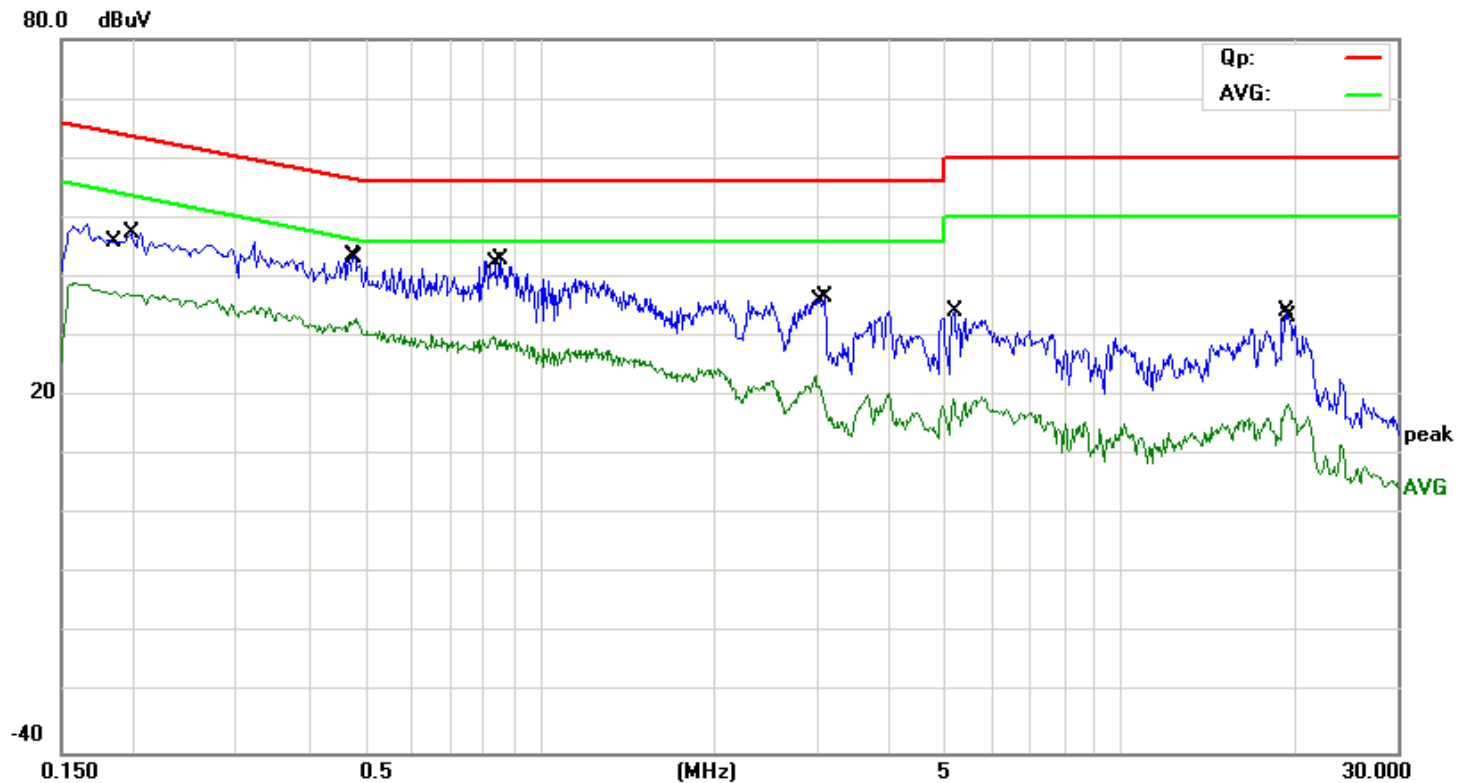
Emission Level= Correct Factor + Reading Level.

All reading are Quasi-Peak values.

The test data and the scanning waveform are attached within Appendix II.

# APPENDIX I

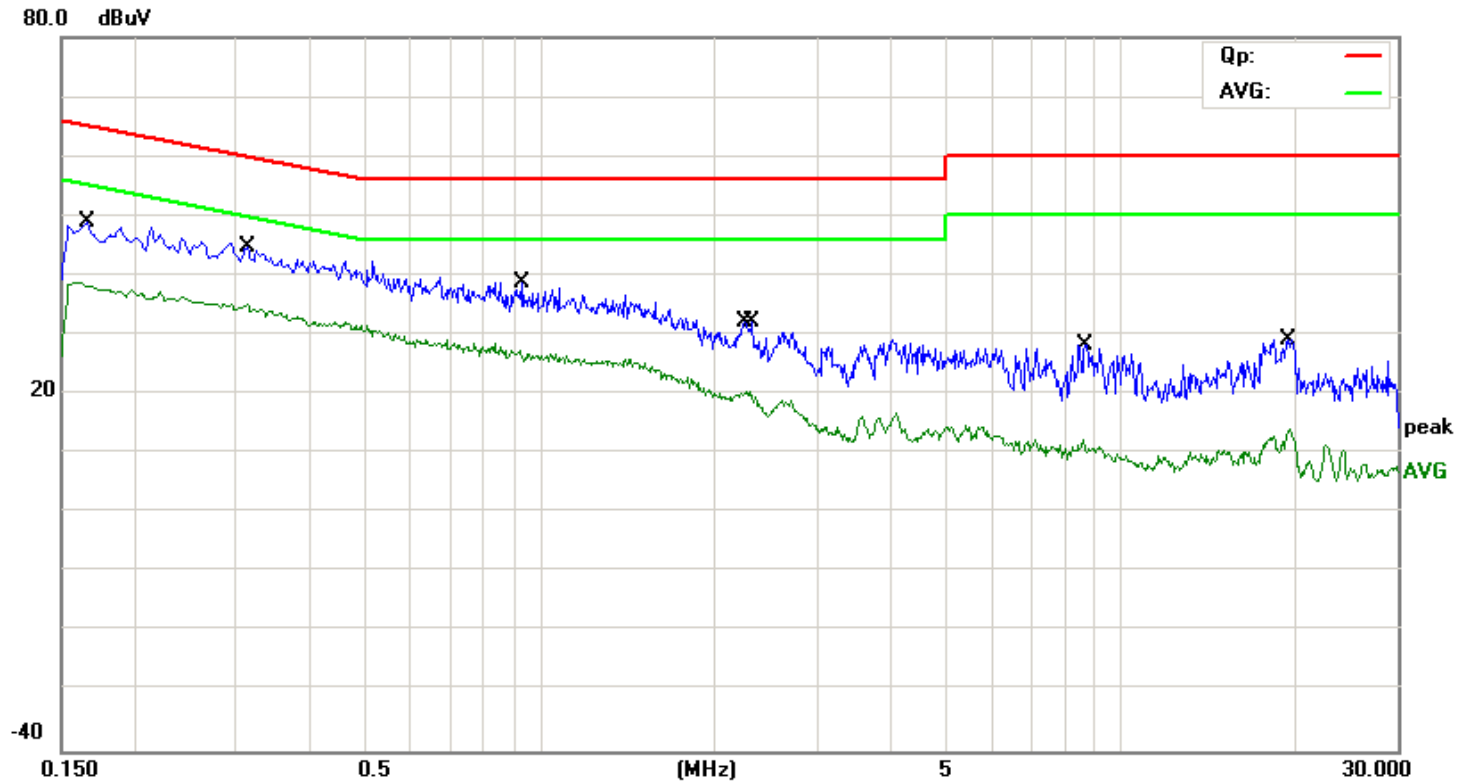
|                         |                        |            |                  |
|-------------------------|------------------------|------------|------------------|
| EUT:                    | 10.1 inch notebook     | M/N:       | MI1041R          |
| Mode:                   | Running PC System+ping | Phase:     | L                |
| Test by:                | hzy                    | Power:     | DC 5V by Adapter |
| Temperature: / Humidity | 25.5°C / 52.5%         | Test date: | 2016-10-28       |



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1   |     | 0.1860       | 27.99                    | 9.60                    | 37.59                    | 54.21         | -16.62     | AVG      |         |
| 2   |     | 0.1980       | 37.99                    | 9.60                    | 47.59                    | 63.69         | -16.10     | QP       |         |
| 3   | *   | 0.4780       | 34.08                    | 9.59                    | 43.67                    | 56.37         | -12.70     | QP       |         |
| 4   |     | 0.4820       | 23.39                    | 9.59                    | 32.98                    | 46.30         | -13.32     | AVG      |         |
| 5   |     | 0.8340       | 20.38                    | 9.60                    | 29.98                    | 46.00         | -16.02     | AVG      |         |
| 6   |     | 0.8580       | 33.38                    | 9.60                    | 42.98                    | 56.00         | -13.02     | QP       |         |
| 7   |     | 2.9780       | 13.76                    | 9.61                    | 23.37                    | 46.00         | -22.63     | AVG      |         |
| 8   |     | 3.0940       | 27.16                    | 9.61                    | 36.77                    | 56.00         | -19.23     | QP       |         |
| 9   |     | 5.1620       | 9.79                     | 9.63                    | 19.42                    | 50.00         | -30.58     | AVG      |         |
| 10  |     | 5.1700       | 24.50                    | 9.63                    | 34.13                    | 60.00         | -25.87     | QP       |         |
| 11  |     | 19.2620      | 24.64                    | 9.73                    | 34.37                    | 60.00         | -25.63     | QP       |         |
| 12  |     | 19.5060      | 8.91                     | 9.73                    | 18.64                    | 50.00         | -31.36     | AVG      |         |

\*:Maximum data x:Over limit !:over margin

|                         |                        |            |                  |
|-------------------------|------------------------|------------|------------------|
| EUT:                    | 10.1 inch notebook     | M/N:       | MI1041R          |
| Mode:                   | Running PC System+ping | Phase:     | N                |
| Test by:                | hzy                    | Power:     | DC 5V by Adapter |
| Temperature: / Humidity | 25.5℃ / 52.5%          | Test date: | 2016-10-28       |

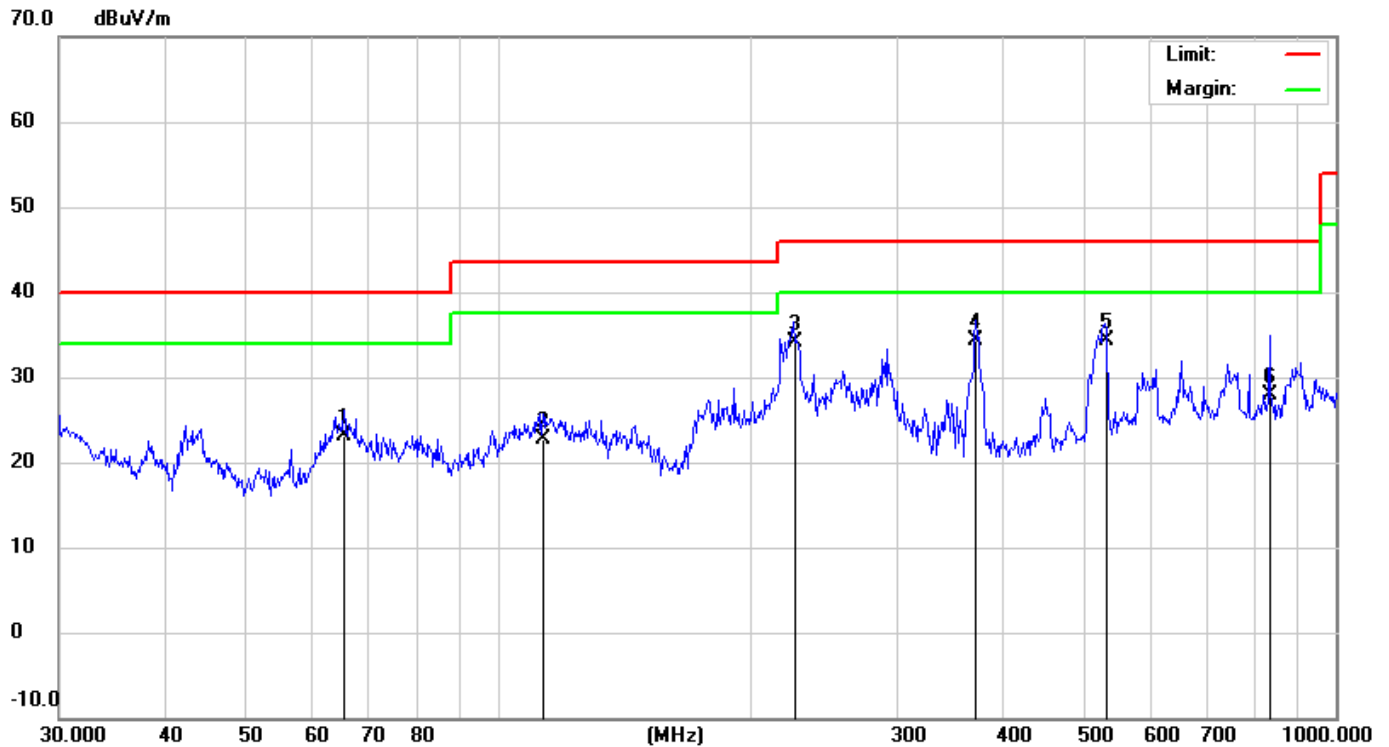


| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV | Limit<br>dBuV | Over<br>dB | Detector | Comment |
|-----|-----|--------------|--------------------------|-------------------------|--------------------------|---------------|------------|----------|---------|
| 1   |     | 0.1641       | 28.72                    | 9.61                    | 38.33                    | 55.25         | -16.92     | AVG      |         |
| 2   |     | 0.1660       | 39.29                    | 9.61                    | 48.90                    | 65.16         | -16.26     | QP       |         |
| 3   |     | 0.3140       | 35.07                    | 9.59                    | 44.66                    | 59.86         | -15.20     | QP       |         |
| 4   | *   | 0.3140       | 25.54                    | 9.59                    | 35.13                    | 49.86         | -14.73     | AVG      |         |
| 5   |     | 0.9260       | 17.82                    | 9.60                    | 27.42                    | 46.00         | -18.58     | AVG      |         |
| 6   |     | 0.9340       | 29.26                    | 9.60                    | 38.86                    | 56.00         | -17.14     | QP       |         |
| 7   |     | 2.2500       | 22.67                    | 9.61                    | 32.28                    | 56.00         | -23.72     | QP       |         |
| 8   |     | 2.2980       | 10.77                    | 9.61                    | 20.38                    | 46.00         | -25.62     | AVG      |         |
| 9   |     | 8.6580       | 2.80                     | 9.67                    | 12.47                    | 50.00         | -37.53     | AVG      |         |
| 10  |     | 8.7020       | 18.65                    | 9.67                    | 28.32                    | 60.00         | -31.68     | QP       |         |
| 11  |     | 19.4980      | 19.46                    | 9.73                    | 29.19                    | 60.00         | -30.81     | QP       |         |
| 12  |     | 19.6140      | 4.28                     | 9.73                    | 14.01                    | 50.00         | -35.99     | AVG      |         |

\*:Maximum data    x:Over limit    !:over margin

# APPENDIX II

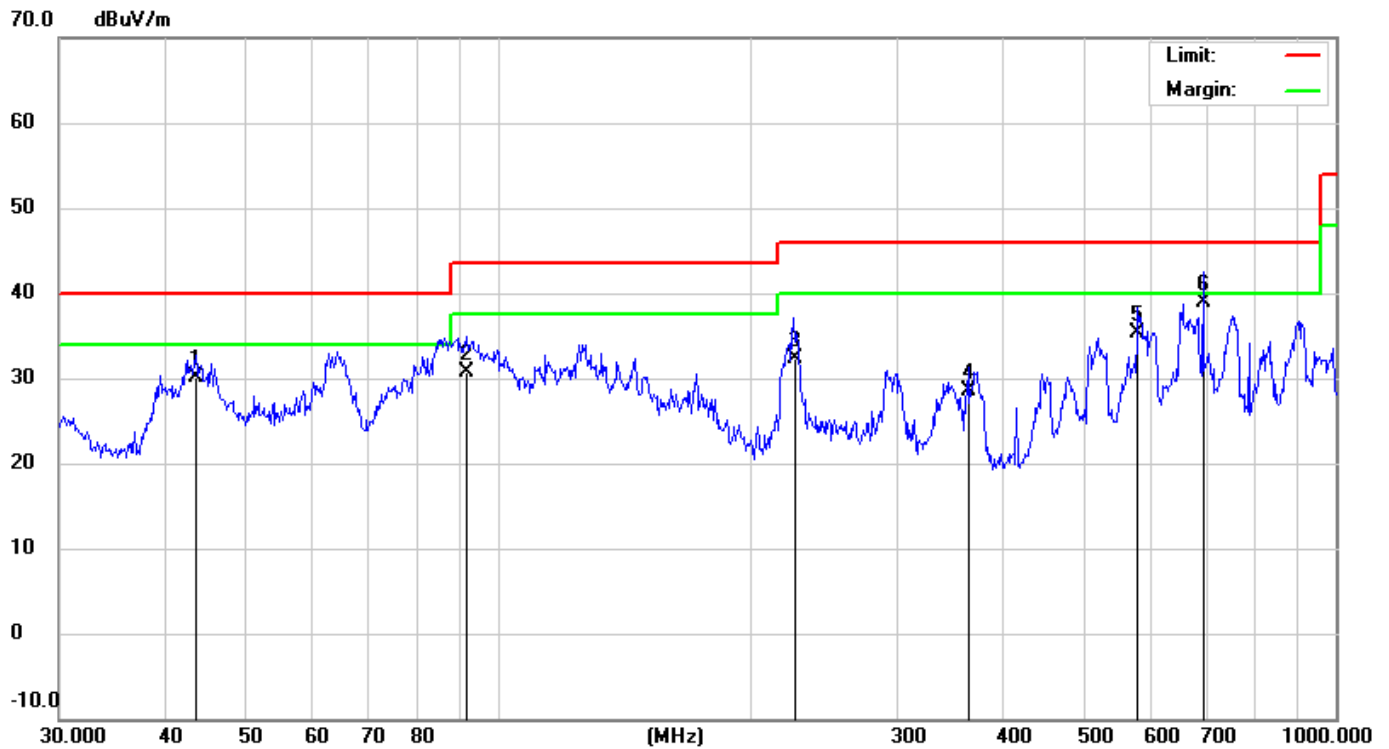
|                         |                        |               |                  |
|-------------------------|------------------------|---------------|------------------|
| EUT:                    | 10.1 inch notebook     | M/N:          | MI1041R          |
| Mode:                   | Running PC System+ping | Polarization: | Horizontal       |
| Test by:                | hzy                    | Power:        | DC 5V by Adapter |
| Temperature: / Humidity | 25.5℃ / 52.5%          | Test date:    | 2016-10-28       |



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Antenna<br>Height<br>cm | Table<br>Degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|-------------------------|-----------------|---------|
| 1   |     | 65.5726      | 15.20                    | 7.99                    | 23.19                      | 40.00           | -16.81     | QP       |                         |                 |         |
| 2   |     | 113.3162     | 10.30                    | 12.40                   | 22.70                      | 43.50           | -20.80     | QP       |                         |                 |         |
| 3   |     | 225.3080     | 22.10                    | 12.00                   | 34.10                      | 46.00           | -11.90     | QP       |                         |                 |         |
| 4   | *   | 372.0045     | 19.40                    | 14.87                   | 34.27                      | 46.00           | -11.73     | QP       |                         |                 |         |
| 5   |     | 530.1014     | 16.20                    | 18.03                   | 34.23                      | 46.00           | -11.77     | QP       |                         |                 |         |
| 6   |     | 833.3171     | 6.70                     | 21.27                   | 27.97                      | 46.00           | -18.03     | QP       |                         |                 |         |

\*:Maximum data    x:Over limit    !:over margin

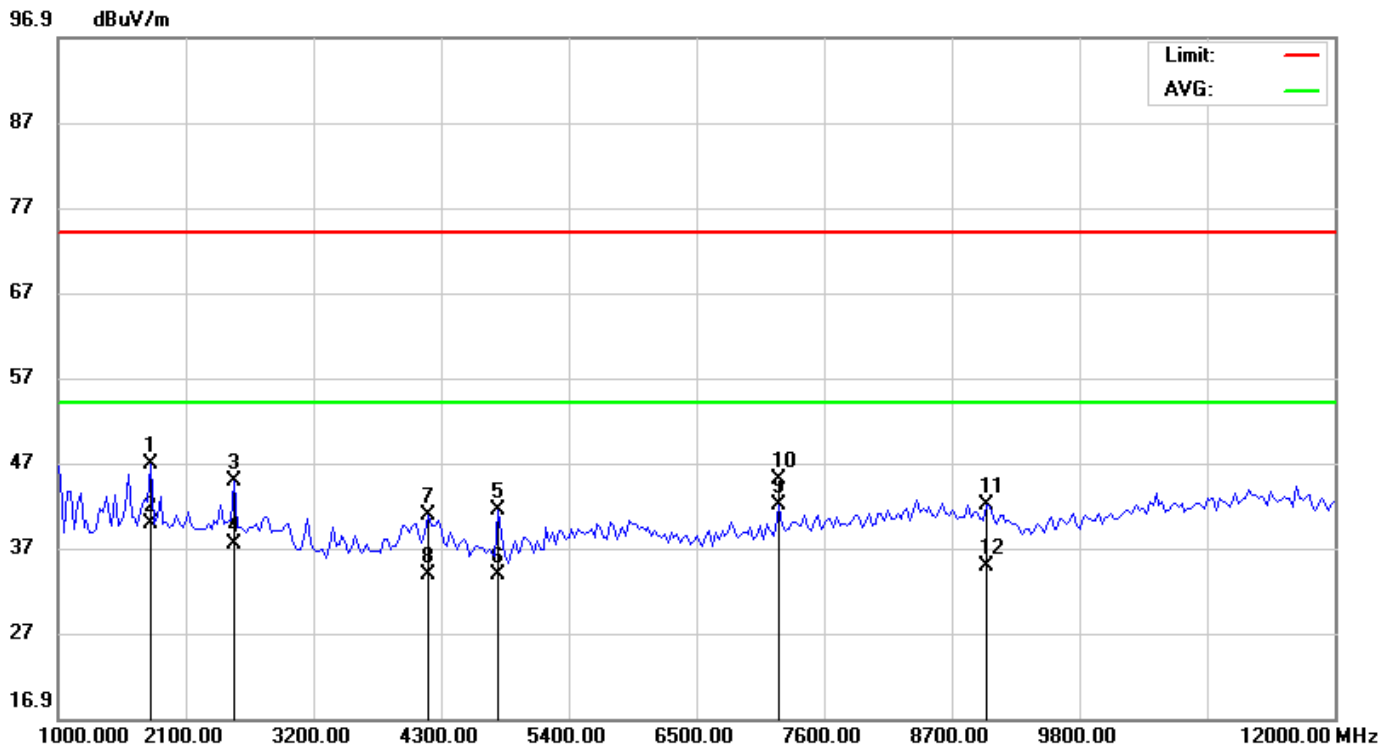
|                         |                        |               |                  |
|-------------------------|------------------------|---------------|------------------|
| EUT:                    | 10.1 inch notebook     | M/N:          | MI1041R          |
| Mode:                   | Running PC System+ping | Polarization: | Vertical         |
| Test by:                | hzy                    | Power:        | DC 5V by Adapter |
| Temperature: / Humidity | 25.5℃ / 52.5%          | Test date:    | 2016-10-28       |



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Antenna<br>Height<br>cm | Table<br>Degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|-----------------|---------|
| 1   |     | 43.6584      | 18.70                    | 11.39                   | 30.09                      | 40.00           | -9.91      | QP                      |                 |         |
| 2   |     | 91.8162      | 22.40                    | 8.21                    | 30.61                      | 43.50           | -12.89     | QP                      |                 |         |
| 3   |     | 225.3080     | 20.40                    | 12.00                   | 32.40                      | 46.00           | -13.60     | QP                      |                 |         |
| 4   |     | 364.2595     | 13.70                    | 14.72                   | 28.42                      | 46.00           | -17.58     | QP                      |                 |         |
| 5   |     | 580.7026     | 16.70                    | 18.59                   | 35.29                      | 46.00           | -10.71     | QP                      |                 |         |
| 6   | *   | 694.4174     | 18.90                    | 20.03                   | 38.93                      | 46.00           | -7.07      | QP                      |                 |         |

\*:Maximum data    x:Over limit    !:over margin

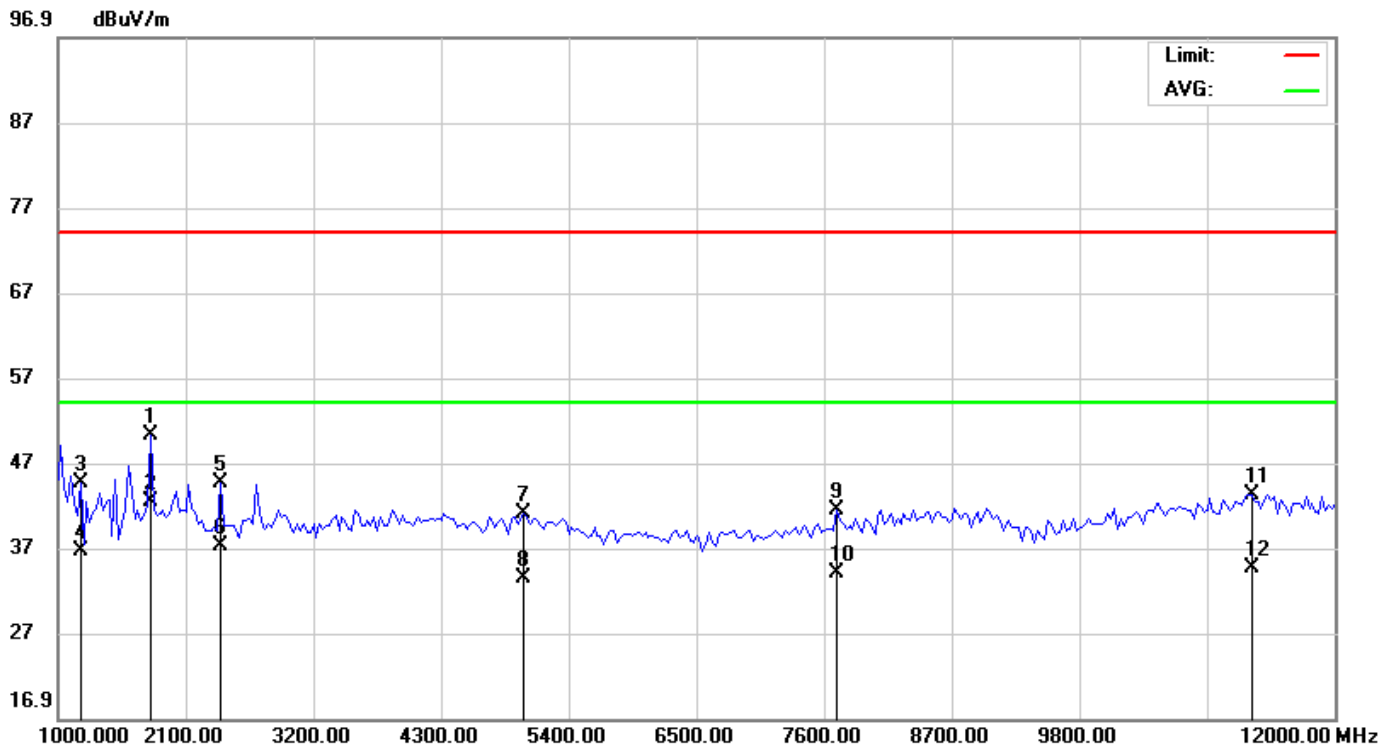
|                         |                        |               |                  |
|-------------------------|------------------------|---------------|------------------|
| EUT:                    | 10.1 inch notebook     | M/N:          | MI1041R          |
| Mode:                   | Running PC System+ping | Polarization: | Vertical         |
| Test by:                | hzy                    | Power:        | DC 5V by Adapter |
| Temperature: / Humidity | 25.5℃ / 52.5%          | Test date:    | 2016-10-28       |



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Antenna<br>Height<br>cm | Table<br>Degree<br>degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|-------------------------|---------------------------|---------|
| 1   |     | 1797.500     | 54.45                    | -7.60                   | 46.85                      | 74.00           | -27.15     | peak     |                         |                           |         |
| 2   |     | 1797.500     | 47.50                    | -7.60                   | 39.90                      | 54.00           | -14.10     | AVG      |                         |                           |         |
| 3   |     | 2512.500     | 52.96                    | -8.24                   | 44.72                      | 74.00           | -29.28     | peak     |                         |                           |         |
| 4   |     | 2512.500     | 45.60                    | -8.24                   | 37.36                      | 54.00           | -16.64     | AVG      |                         |                           |         |
| 5   |     | 4795.000     | 47.66                    | -6.22                   | 41.44                      | 74.00           | -32.56     | peak     |                         |                           |         |
| 6   |     | 4795.000     | 40.10                    | -6.22                   | 33.88                      | 54.00           | -20.12     | AVG      |                         |                           |         |
| 7   |     | 4190.000     | 47.31                    | -6.52                   | 40.79                      | 74.00           | -33.21     | peak     |                         |                           |         |
| 8   |     | 4190.000     | 40.30                    | -6.52                   | 33.78                      | 54.00           | -20.22     | AVG      |                         |                           |         |
| 9   |     | 7215.000     | 45.19                    | -3.24                   | 41.95                      | 74.00           | -32.05     | peak     |                         |                           |         |
| 10  | *   | 7215.000     | 48.20                    | -3.24                   | 44.96                      | 54.00           | -9.04      | AVG      |                         |                           |         |
| 11  |     | 9002.500     | 42.57                    | -0.66                   | 41.91                      | 74.00           | -32.09     | peak     |                         |                           |         |
| 12  |     | 9002.500     | 35.50                    | -0.66                   | 34.84                      | 54.00           | -19.16     | AVG      |                         |                           |         |

\*:Maximum data x:Over limit !:over margin

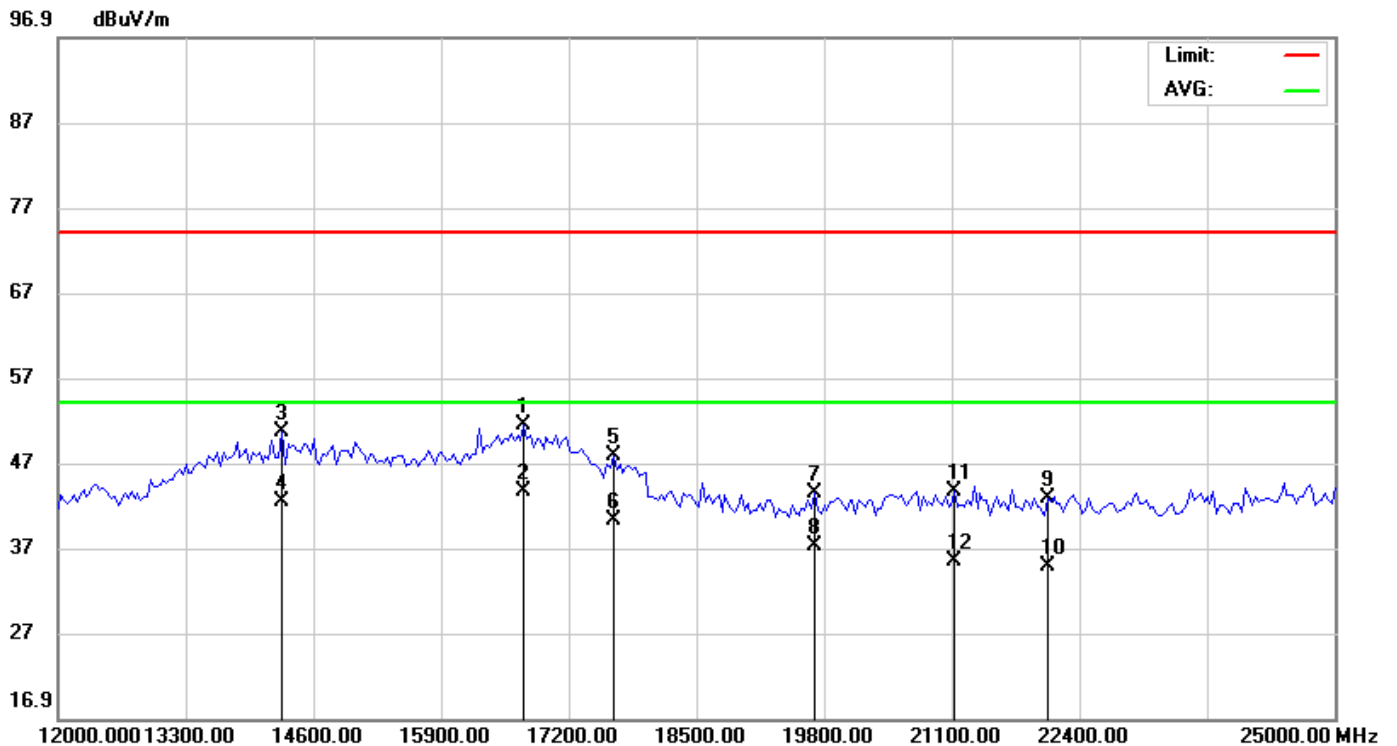
|                         |                        |               |                  |
|-------------------------|------------------------|---------------|------------------|
| EUT:                    | 10.1 inch notebook     | M/N:          | MI1041R          |
| Mode:                   | Running PC System+ping | Polarization: | Horizontal       |
| Test by:                | hzy                    | Power:        | DC 5V by Adapter |
| Temperature: / Humidity | 25.5℃ / 52.5%          | Test date:    | 2016-10-28       |



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Antenna<br>Height<br>cm | Table<br>Degree<br>degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------------------------|---------|
| 1   |     | 1797.500     | 57.72                    | -7.60                   | 50.12                      | 74.00           | -23.88     |                         |                           | peak    |
| 2   | *   | 1797.500     | 50.10                    | -7.60                   | 42.50                      | 54.00           | -11.50     |                         |                           | AVG     |
| 3   |     | 1192.500     | 53.35                    | -8.73                   | 44.62                      | 74.00           | -29.38     |                         |                           | peak    |
| 4   |     | 1192.500     | 45.40                    | -8.73                   | 36.67                      | 54.00           | -17.33     |                         |                           | AVG     |
| 5   |     | 2402.500     | 53.00                    | -8.43                   | 44.57                      | 74.00           | -29.43     |                         |                           | peak    |
| 6   |     | 2402.500     | 45.60                    | -8.43                   | 37.17                      | 54.00           | -16.83     |                         |                           | AVG     |
| 7   |     | 5015.000     | 44.85                    | -3.84                   | 41.01                      | 74.00           | -32.99     |                         |                           | peak    |
| 8   |     | 5015.000     | 37.20                    | -3.84                   | 33.36                      | 54.00           | -20.64     |                         |                           | AVG     |
| 9   |     | 7710.000     | 43.67                    | -2.35                   | 41.32                      | 74.00           | -32.68     |                         |                           | peak    |
| 10  |     | 7710.000     | 36.40                    | -2.35                   | 34.05                      | 54.00           | -19.95     |                         |                           | AVG     |
| 11  |     | 11285.00     | 44.17                    | -0.96                   | 43.21                      | 74.00           | -30.79     |                         |                           | peak    |
| 12  |     | 11285.00     | 35.60                    | -0.96                   | 34.64                      | 54.00           | -19.36     |                         |                           | AVG     |

\*:Maximum data    x:Over limit    !:over margin

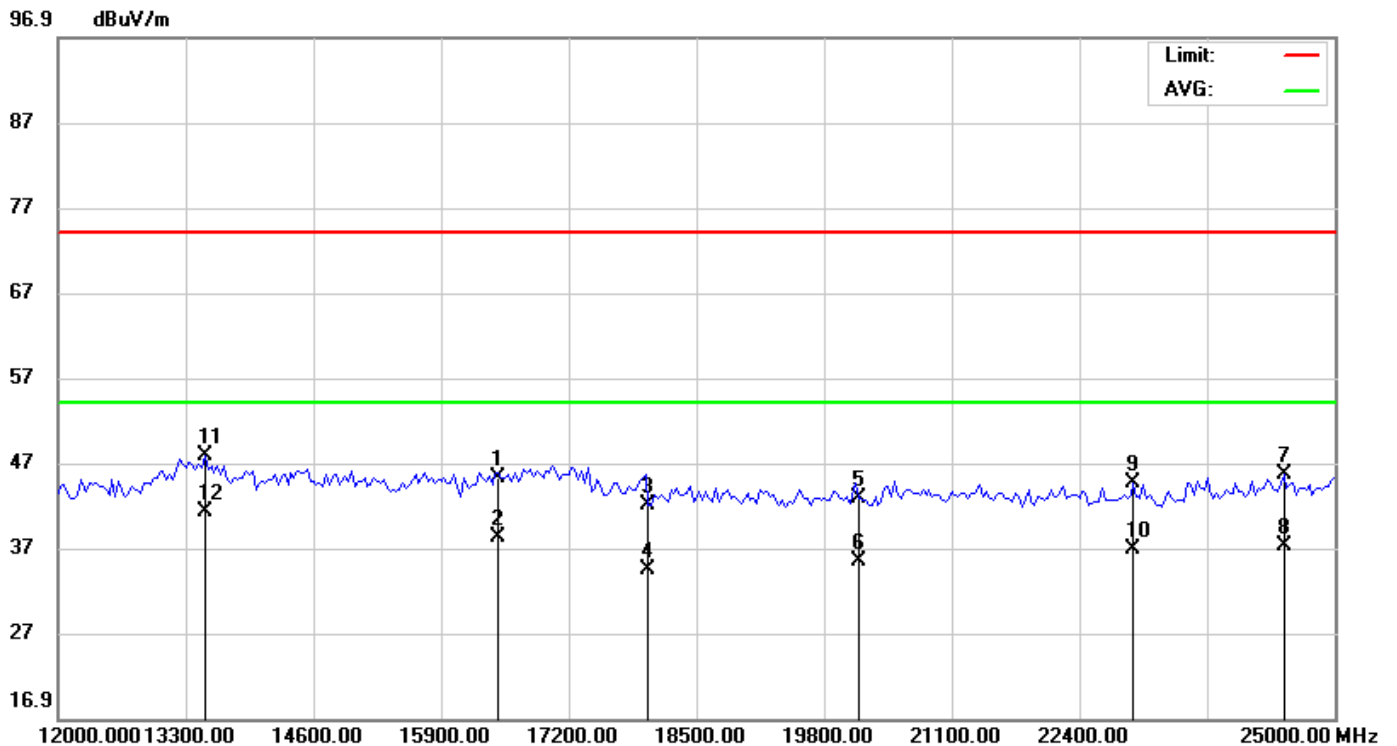
|                         |                        |               |                  |
|-------------------------|------------------------|---------------|------------------|
| EUT:                    | 10.1 inch notebook     | M/N:          | MI1041R          |
| Mode:                   | Running PC System+ping | Polarization: | Vertical         |
| Test by:                | hzy                    | Power:        | DC 5V by Adapter |
| Temperature: / Humidity | 25.5℃ / 52.5%          | Test date:    | 2016-10-28       |



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Antenna<br>Height<br>cm | Table<br>Degree<br>degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|-------------------------|---------------------------|---------|
| 1   |     | 16745.00     | 45.27                    | 6.08                    | 51.35                      | 74.00           | -22.65     | peak                    |                           |         |
| 2   | *   | 16745.00     | 37.45                    | 6.08                    | 43.53                      | 54.00           | -10.47     | AVG                     |                           |         |
| 3   |     | 14275.00     | 46.67                    | 3.84                    | 50.51                      | 74.00           | -23.49     | peak                    |                           |         |
| 4   |     | 14275.00     | 38.60                    | 3.84                    | 42.44                      | 54.00           | -11.56     | AVG                     |                           |         |
| 5   |     | 17655.00     | 44.06                    | 3.78                    | 47.84                      | 74.00           | -26.16     | peak                    |                           |         |
| 6   |     | 17655.00     | 36.40                    | 3.78                    | 40.18                      | 54.00           | -13.82     | AVG                     |                           |         |
| 7   |     | 19702.50     | 43.44                    | 0.00                    | 43.44                      | 74.00           | -30.56     | peak                    |                           |         |
| 8   |     | 19702.50     | 37.20                    | 0.00                    | 37.20                      | 54.00           | -16.80     | AVG                     |                           |         |
| 9   |     | 22075.00     | 42.90                    | 0.00                    | 42.90                      | 74.00           | -31.10     | peak                    |                           |         |
| 10  |     | 22075.00     | 34.90                    | 0.00                    | 34.90                      | 54.00           | -19.10     | AVG                     |                           |         |
| 11  |     | 21132.50     | 43.62                    | 0.00                    | 43.62                      | 74.00           | -30.38     | peak                    |                           |         |
| 12  |     | 21132.50     | 35.50                    | 0.00                    | 35.50                      | 54.00           | -18.50     | AVG                     |                           |         |

\*:Maximum data    x:Over limit    !:over margin

|                         |                        |               |                  |
|-------------------------|------------------------|---------------|------------------|
| EUT:                    | 10.1 inch notebook     | M/N:          | MI1041R          |
| Mode:                   | Running PC System+ping | Polarization: | Horizontal       |
| Test by:                | hzy                    | Power:        | DC 5V by Adapter |
| Temperature: / Humidity | 25.5℃ / 52.5%          | Test date:    | 2016-10-28       |



| No. | Mk. | Freq.<br>MHz | Reading<br>Level<br>dBuV | Correct<br>Factor<br>dB | Measure-<br>ment<br>dBuV/m | Limit<br>dBuV/m | Over<br>dB | Detector | Antenna<br>Height<br>cm | Table<br>Degree<br>degree | Comment |
|-----|-----|--------------|--------------------------|-------------------------|----------------------------|-----------------|------------|----------|-------------------------|---------------------------|---------|
| 1   |     | 16485.00     | 40.00                    | 5.19                    | 45.19                      | 74.00           | -28.81     | peak     |                         |                           |         |
| 2   |     | 16485.00     | 33.00                    | 5.19                    | 38.19                      | 54.00           | -15.81     | AVG      |                         |                           |         |
| 3   |     | 18012.50     | 41.99                    | 0.00                    | 41.99                      | 74.00           | -32.01     | peak     |                         |                           |         |
| 4   |     | 18012.50     | 34.50                    | 0.00                    | 34.50                      | 54.00           | -19.50     | AVG      |                         |                           |         |
| 5   |     | 20157.50     | 42.73                    | 0.00                    | 42.73                      | 74.00           | -31.27     | peak     |                         |                           |         |
| 6   |     | 20157.50     | 35.40                    | 0.00                    | 35.40                      | 54.00           | -18.60     | AVG      |                         |                           |         |
| 7   |     | 24480.00     | 45.68                    | 0.00                    | 45.68                      | 74.00           | -28.32     | peak     |                         |                           |         |
| 8   |     | 24480.00     | 37.20                    | 0.00                    | 37.20                      | 54.00           | -16.80     | AVG      |                         |                           |         |
| 9   |     | 22952.50     | 44.52                    | 0.00                    | 44.52                      | 74.00           | -29.48     | peak     |                         |                           |         |
| 10  |     | 22952.50     | 36.90                    | 0.00                    | 36.90                      | 54.00           | -17.10     | AVG      |                         |                           |         |
| 11  |     | 13495.00     | 44.46                    | 3.42                    | 47.88                      | 74.00           | -26.12     | peak     |                         |                           |         |
| 12  | *   | 13495.00     | 37.70                    | 3.42                    | 41.12                      | 54.00           | -12.88     | AVG      |                         |                           |         |

\*:Maximum data    x:Over limit    !:over margin

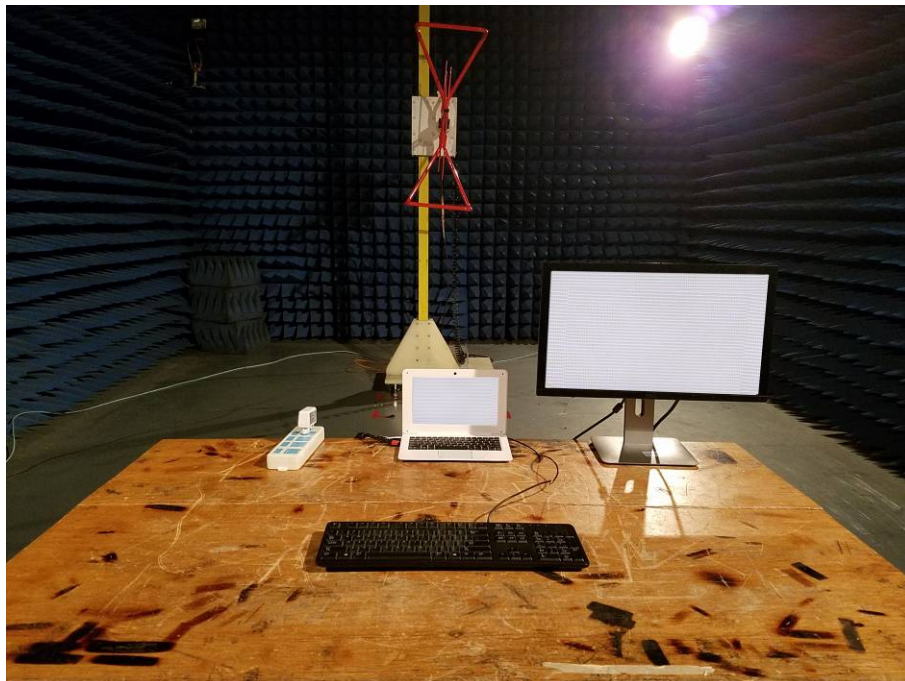
# **APPENDIX III**

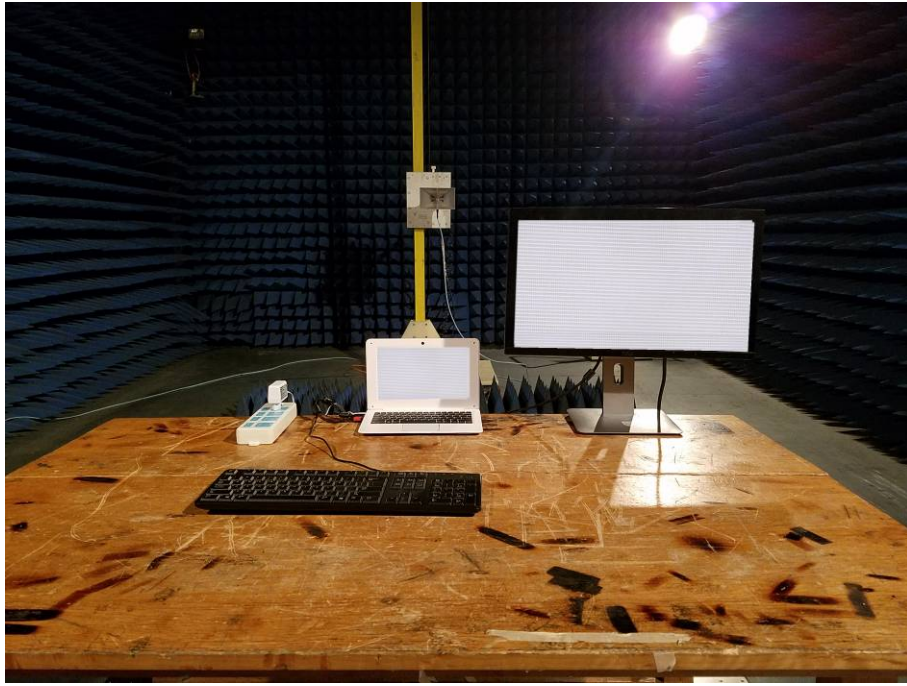
## **(Test Photos)**

## Conducted Test Setup Photograph



## Radiated Test Setup Photograph





## **APPENDIX IV**

### **(Photos of the EUT)**

**Figure 1**  
General Appearance of the EUT



**Figure 2**  
General Appearance of the EUT



**Figure 3**  
General Appearance of the EUT



**Figure 4**  
General Appearance of the EUT



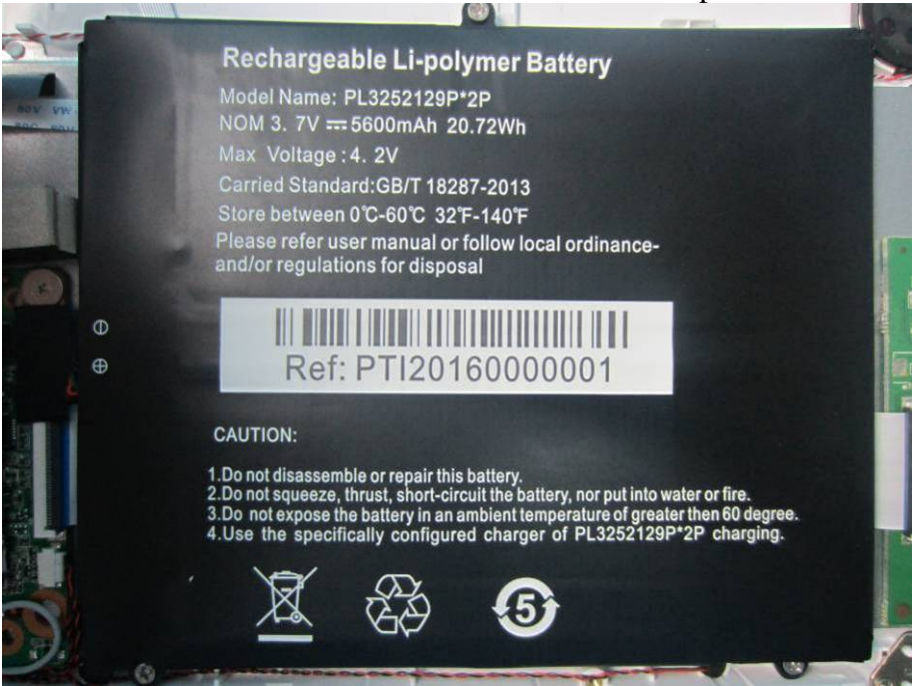
**Figure 5**  
Components Side of the PCB



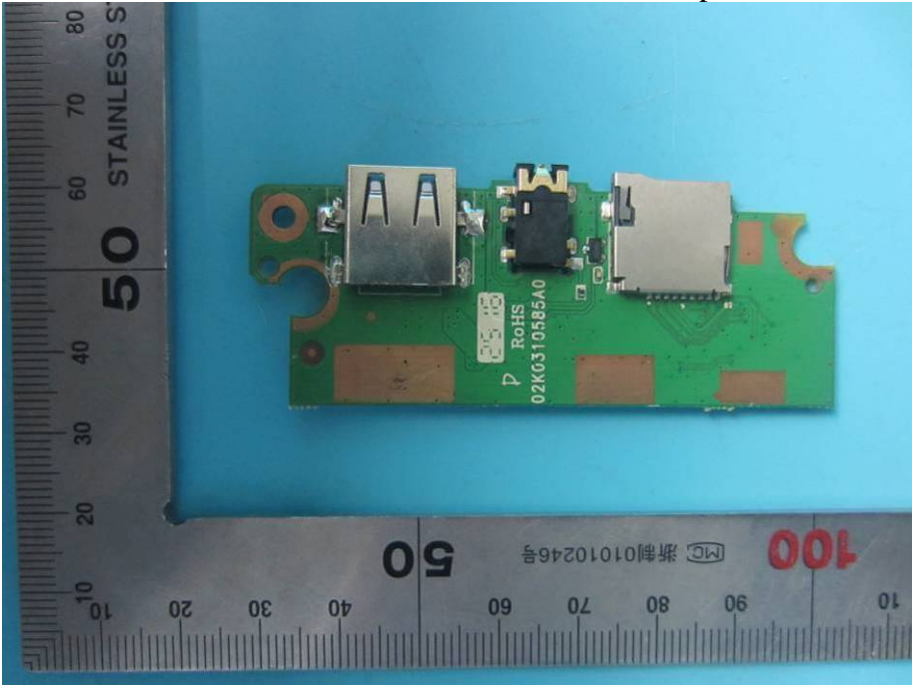
**Figure 6**  
Components Side of the PCB



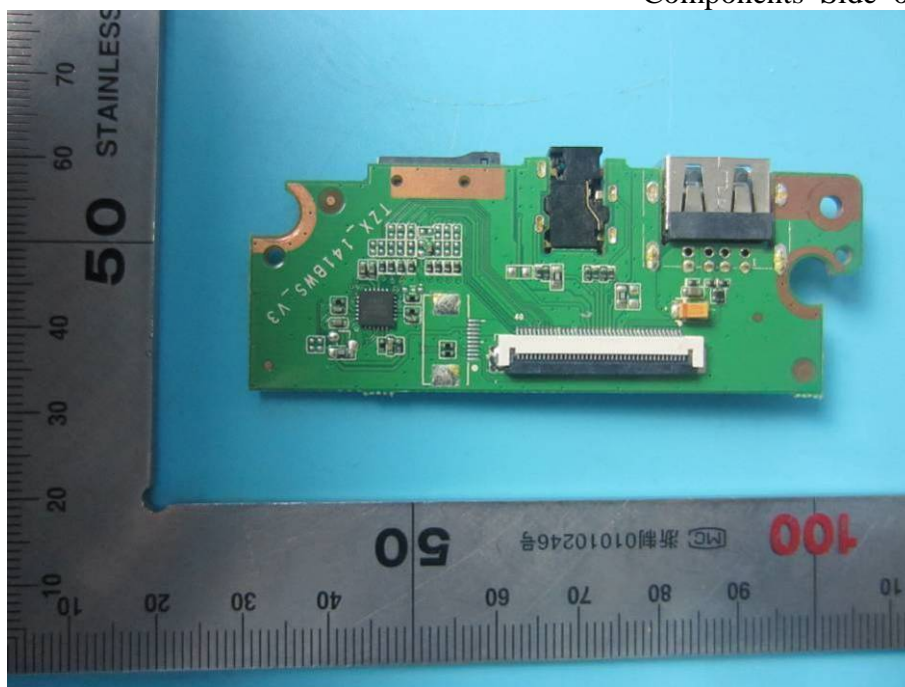
**Figure 7**  
Components Side of the PCB



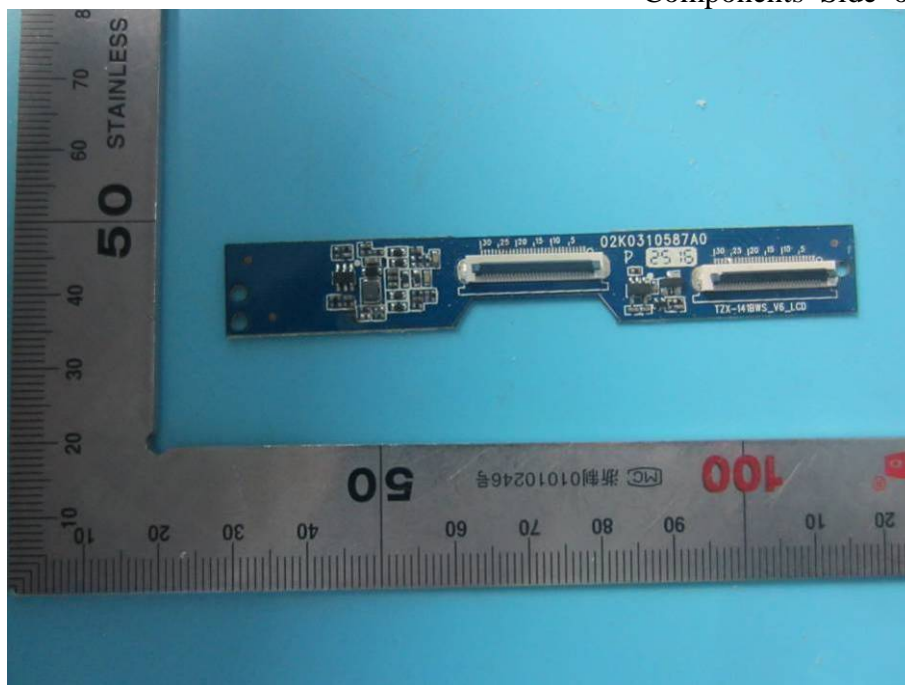
**Figure 8**  
Components Side of the PCB



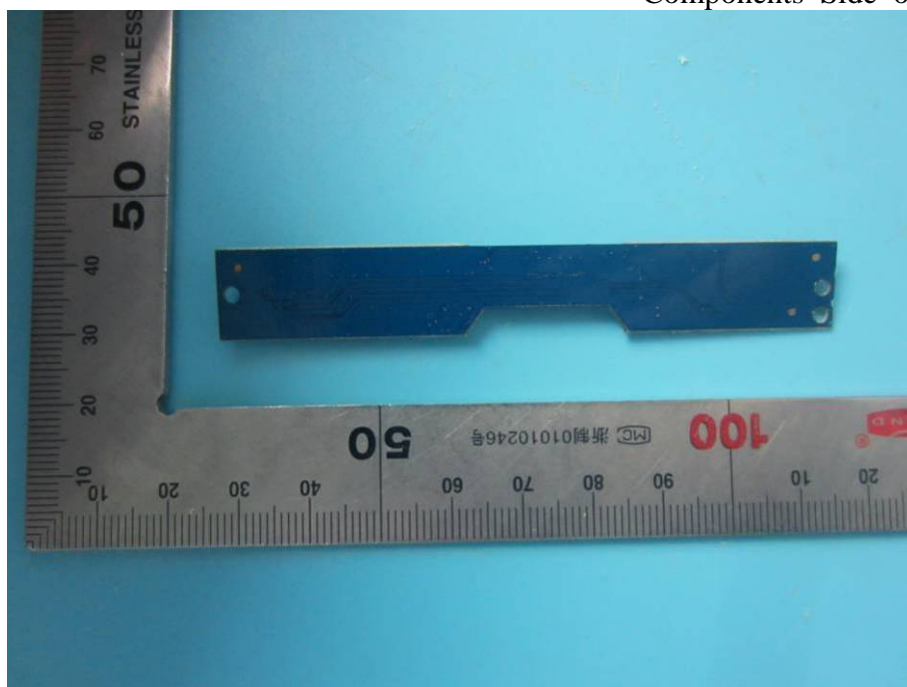
**Figure 9**  
Components Side of the PCB



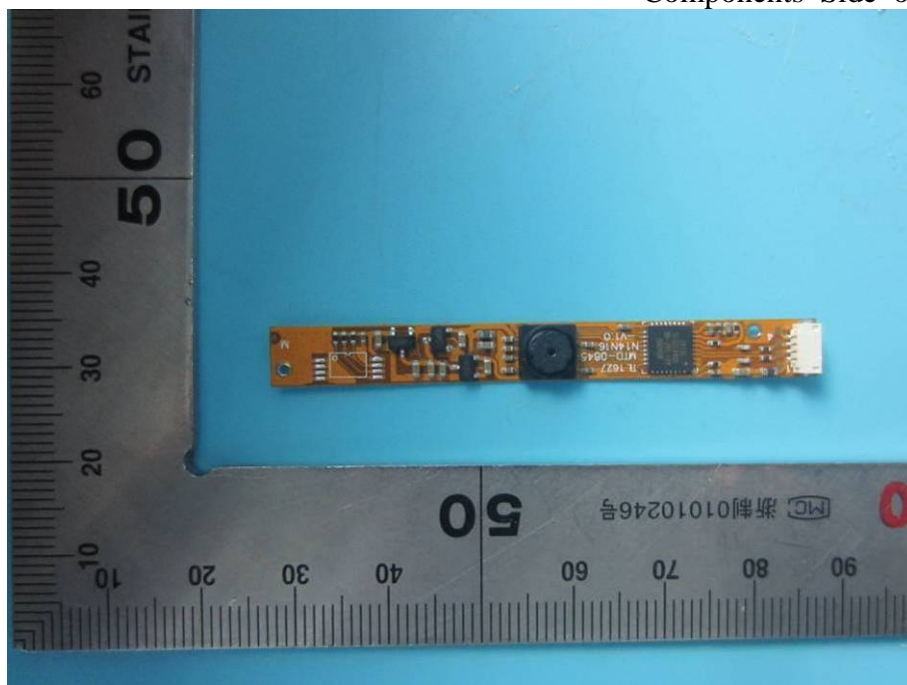
**Figure 10**  
Components Side of the PCB



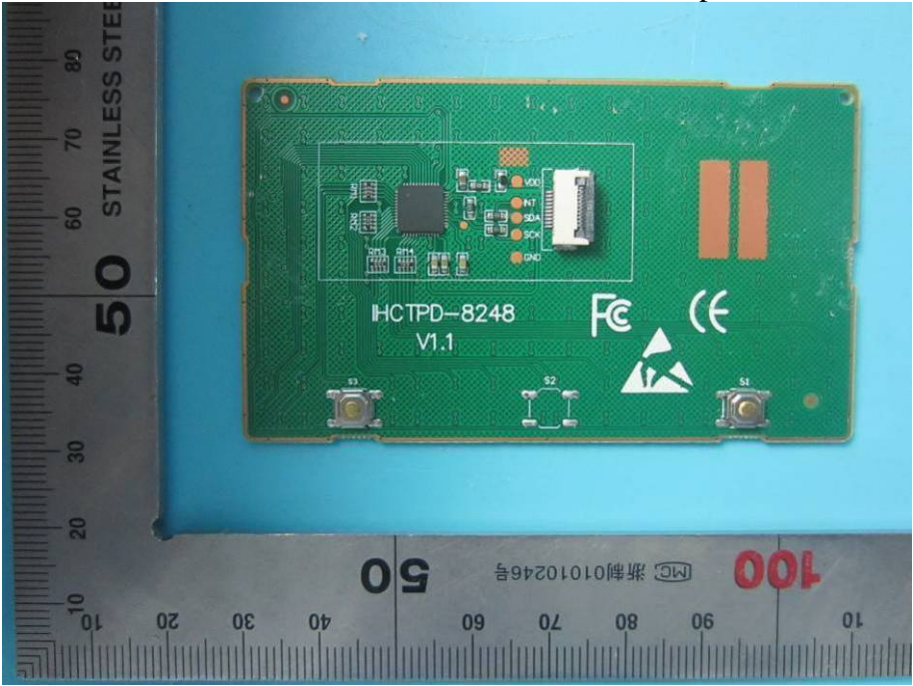
**Figure 11**  
Components Side of the PCB



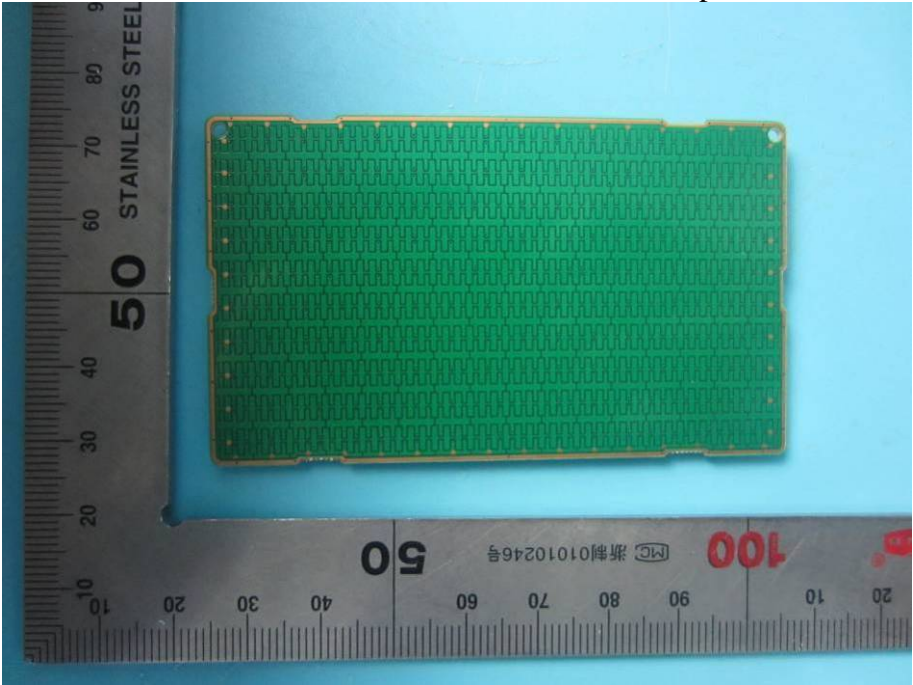
**Figure 12**  
Components Side of the PCB



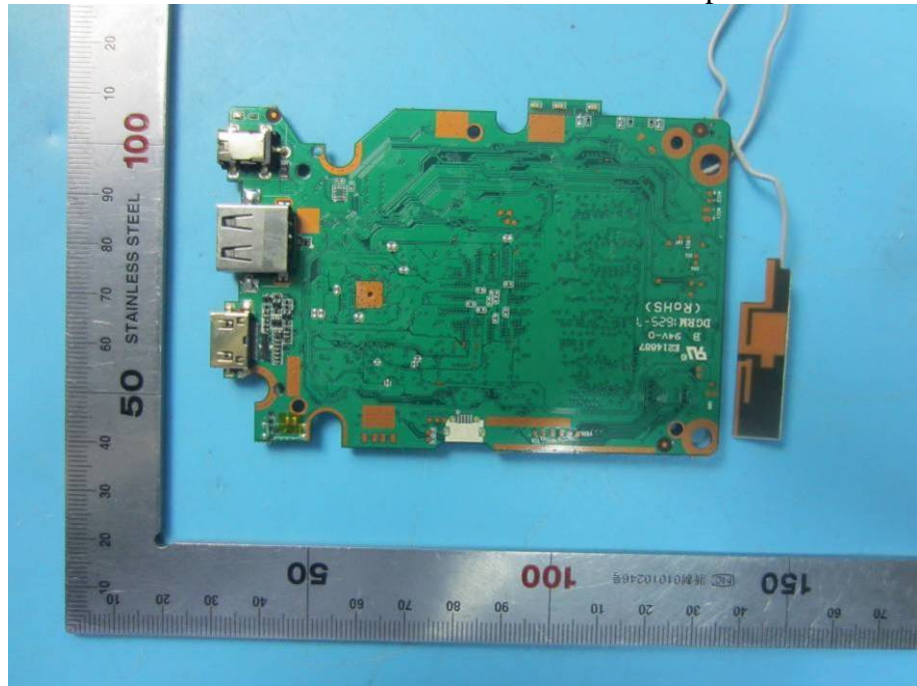
**Figure 13**  
Components Side of the PCB



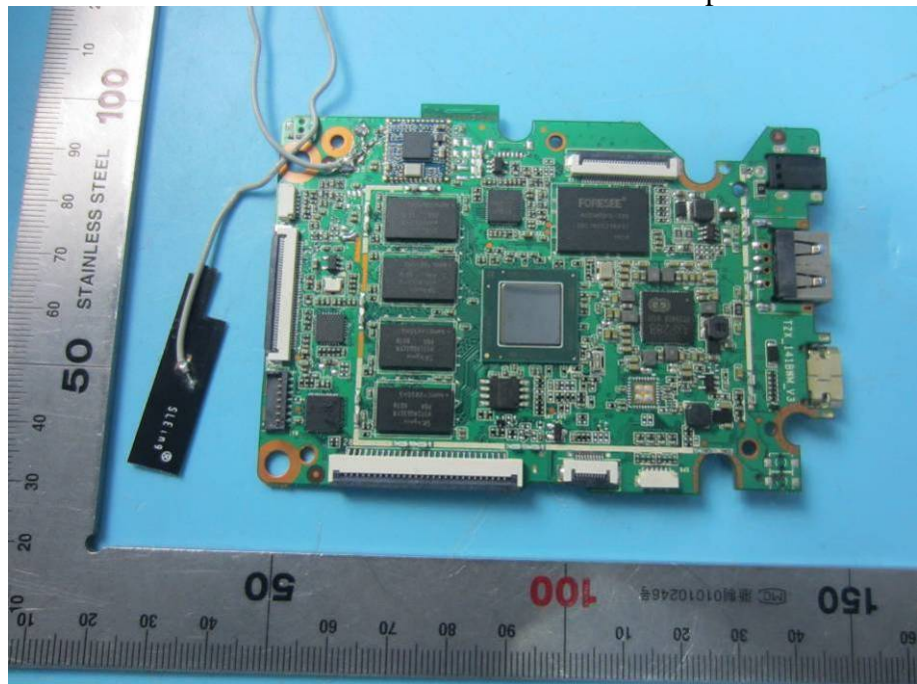
**Figure 14**  
Components Side of the PCB



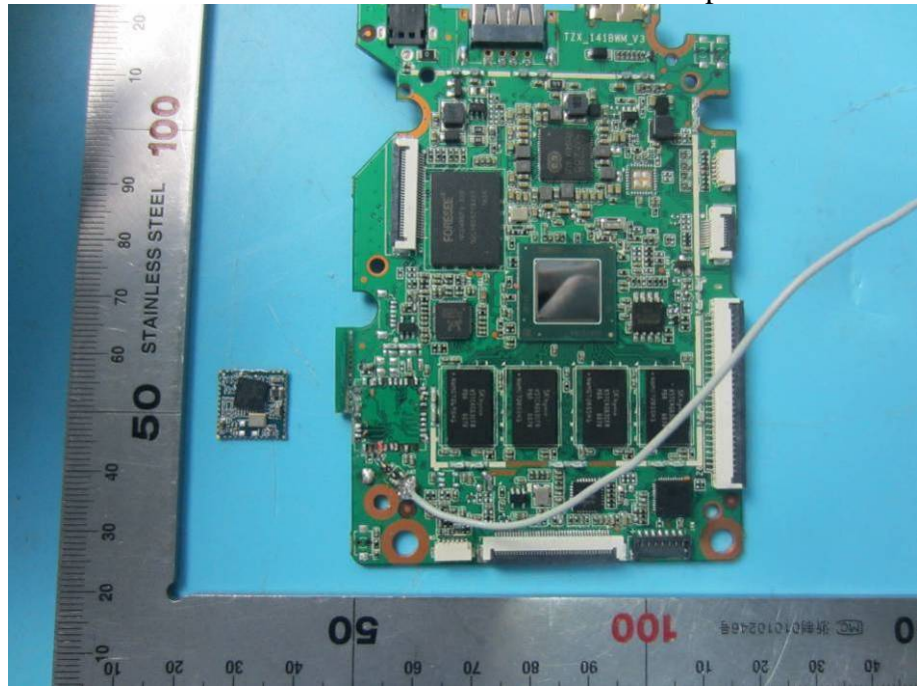
**Figure 15**  
Components Side of the PCB



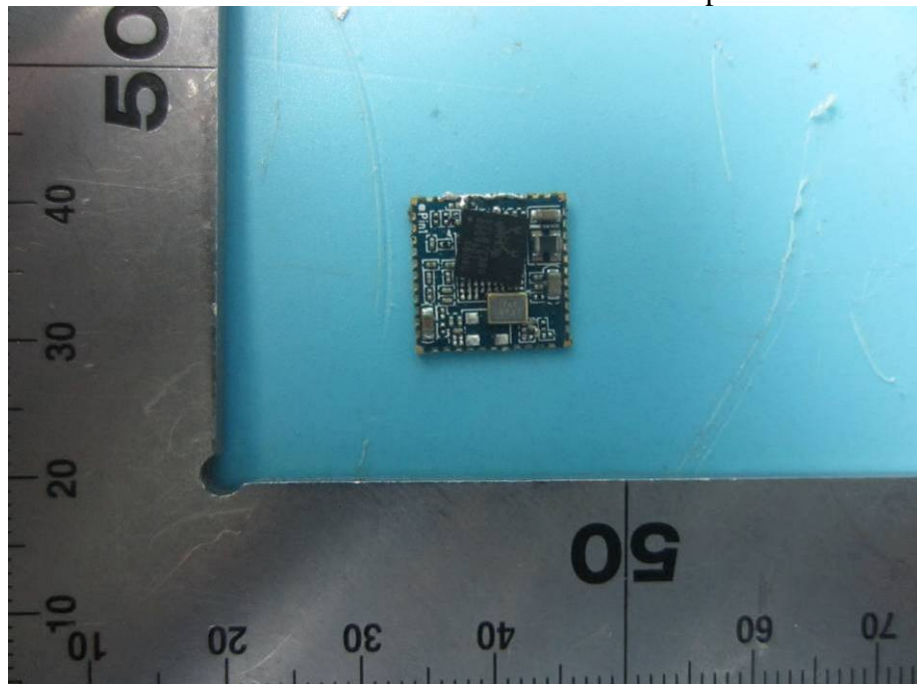
**Figure 16**  
Components Side of the PCB



**Figure 17**  
Components Side of the PCB



**Figure 18**  
Components Side of the PCB



**Figure 19**  
Components Side of the PCB

