

FCC PART 15C TEST REPORT FOR CERTIFICATION
On Behalf of

Shenzhen Proscenic Technology Co., Ltd

Robot Vacuum Cleaner

Model Number: LDS M6 PRO

FCC ID: 2ARZX-LDS-M6PRO

| | |
|---------------|---|
| Prepared for: | Shenzhen Proscenic Technology Co., Ltd |
| | 8F, Building 5A, Tusincere Park Longgang District, Shenzhen, |
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| | |
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| | Chilingxiang, Qishantou, Santun, Houjie, Dongguan, Guangdong, China |
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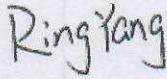
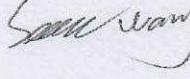
| | |
|-----------------|------------------|
| Report Number: | ESTE-R2010164 |
| Date of Test: | Oct. 10~23, 2020 |
| Date of Report: | Oct. 26, 2020 |

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EST Technology Co., Ltd.

| | | | |
|--|--|---|------------------|
| Applicant: | Shenzhen Proscenic Technology Co., Ltd 8F, Building 5A, Tusincere Park Longgang District, Shenzhen, Guangdong Province, shenzhen China | | |
| Manufacturer: | Shenzhen Proscenic Technology Co., Ltd 8F, Building 5A, Tusincere Park Longgang District, Shenzhen, Guangdong Province, shenzhen China | | |
| E.U.T: | Robot Vacuum Cleaner | | |
| Model Number: | LDS M6 PRO | | |
| Power Supply: | DC 20V From Adapter Input AC 100-240V~50/60Hz DC 14.8V From Battery | | |
| Trade Name: | roscenic | Serial No.: | ----- |
| Date of Receipt: | Oct. 10, 2020 | Date of Test: | Oct. 10~23, 2020 |
| Test Specification: | FCC Part 15 Subpart C (15.247) ANSI C63.10:2013 FCC KDB 558074 D01 15.247 Meas Guidance v05r02 FCC KDB 662911 D01 Multiple Transmitter Output v02r01 | | |
| Test Result: | The device described above is tested by EST Technology Co., Ltd. The measurement results were contained in this test report and EST Technology Co., Ltd. was assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliance with the FCC Rules and Regulations Part 15 Subpart C requirements. | | |
| This report applies to above tested sample only and shall not be reproduced in part without written approval of EST Technology Co., Ltd. | | | |
| Prepared by: | | Reviewed by: | |
|  | |  | |
| Ring Yang / Assistant | | Seven Wang / Engineer | |
|  Date: Oct. 26, 2020 Approved by: Iceman Hu / Manager | | | |
| Other Aspects: None. | | | |
| Abbreviations: OK/P=passed fail/F=failed n.a/N=not applicable E.U.T=equipment under tested | | | |
| <i>This test report is based on a single evaluation of one sample of above mentioned products ,It is not permitted to be duplicated in extracts without written approval of EST Technology Co., Ltd.</i> | | | |

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

| | | |
|-------------------------|---|---|
| Product Name | : | Robot Vacuum Cleaner |
| Model Number | : | LDS M6 PRO |
| Software Version | : | P10.0 |
| Hardware Version | : | V1.0 |
| Operation frequency | : | 2412MHz~2462MHz 2422MHz~2452MHz |
| Number of channel | : | IEEE 802.11b: 11 Channels IEEE 802.11g: 11 Channels IEEE 802.11n HT20: 11 Channels IEEE 802.11n HT40: 7 Channels |
| Max Output Power (PEAK) | : | IEEE 802.11b: 20.72dBm IEEE 802.11g: 19.76dBm IEEE 802.11n HT20: 19.68dBm IEEE 802.11n HT40: 19.05dBm |
| Modulation Type | : | IEEE 802.11b mode: DSSS(CCK,QPSK, BPSK) IEEE 802.11g mode: OFDM (BPSK/QPSK/16QAM/64QAM) IEEE 802.11n mode: OFDM (BPSK/QPSK/16QAM/64QAM) |
| Sample Type | : | Prototype production |

Note:

For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

1.2. Antenna Information

| Ant No. | Brand | Model Name | Antenna Type | Connector | Gain (dBi) |
|---------|-------|------------|------------------|-----------|------------|
| 1 | N/A | N/A | Internal antenna | N/A | 1 |

2. SUMMARY OF TEST

2.1. Summary of test result

| Report Section | Description of Test Item | FCC Standard Section | Results |
|-----------------------|---|-------------------------------|----------------|
| 3 | 6dB Bandwidth | 15.247(a)(2) | PASS |
| 4 | Maximum Peak Output Power | 15.247(b)(3) | PASS |
| 5 | Power Spectral Density | 15.247(e) | PASS |
| 6 | Conducted Band Edge | 15.247(d) | PASS |
| 7 | Conducted Spurious Emissions | 15.247(d) | PASS |
| 8 | Radiated Spurious Emissions and Band Edge | 15.205 15.209 15.247(d) | PASS |
| 9 | AC Power Line Conducted Emissions | 15.207 | PASS |
| 10 | Antenna Requirement | 15.203 | PASS |

Note:

(1) "N/A" denotes test is not applicable in this test report

2.2. Test Facilities

EMC Lab : Certificated by CNAS, CHINA
Registration No.: L5288
This Certificate is valid until: November 12, 2023

Certificated by FCC, USA
Designation Number: CN1215
This Certificate is valid until: January 31, 2022

Certificated by A2LA, USA
Registration No.: 4366.01
This Certificate is valid until: January 31, 2022

Certificated by Industry Canada
CAB identifier No.: CN0035
This Certificate is valid until: January 31, 2022

Certificated by VCCI, Japan
Registration No.: C-14103; T-20073; R-13663;
R-20103; G-20097
Date of registration: Apr. 20, 2020
This Certificate is valid until: Apr. 19, 2023

Certificated by TUV Rheinland, Germany
Registration No.: UA 50413872 0001
Date of registration: July 31, 2018

Certificated by Intertek
Registration No.: 2011-RTL-L2-64
Date of registration: November 08, 2018

Name of Firm : EST Technology Co., Ltd.

Site Location : Chilingxiang, Qishantou, Santun, Houjie, Dongguan, Guangdong,
China

2.3. Measurement uncertainty

| Test Item | Uncertainty |
|--|---|
| Uncertainty for Conduction emission test | $\pm 3.48\text{dB}$ |
| Uncertainty for spurious emissions test (30MHz-1GHz) | $\pm 4.60 \text{ dB}(\text{Polarize: H})$ |
| | $\pm 4.68 \text{ dB}(\text{Polarize: V})$ |
| Uncertainty for spurious emissions test (1GHz to 25GHz) | $\pm 4.96\text{dB}$ |
| Uncertainty for radio frequency | 7×10^{-8} |
| Uncertainty for conducted RF Power | 0.20dB |
| Uncertainty for Power density test | 0.26dB |

Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

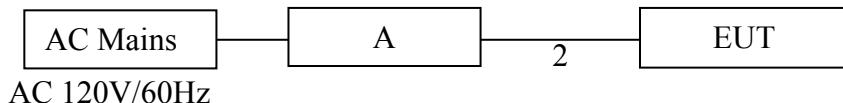
2.4. Assistant equipment used for test

| Item | Equipment | Brand | Model Name/Type No. | FCC ID | Series No. |
|------|-----------|-------|---------------------|--------|------------|
| A | Adapter | | NLD120200W1A4 | - | - |

| Item | Shielded Type | Ferrite Core | Length | Note |
|------|---------------|--------------|--------|----------|
| 1 | NO | NO | 1.2m | DC Cable |

2.5. Block Diagram

For radiated emissions test: EUT was placed on a turn table, which is 0.8 (or 1.5) meter high above ground. EUT was beset into 2.4G WIFI test mode by software before test.



(EUT: Robot Vacuum Cleaner)

2.6. Test Mode

The test mode was selected for the final test as listed below.

| Test Item | Mode | Date Rate | Test Channel |
|---|-------------------|-----------|-----------------|
| 6dB Bandwidth | IEEE 802.11b | 1Mbps | Low/Middle/High |
| | IEEE 802.11g | 6Mbps | Low/Middle/High |
| | IEEE 802.11n HT20 | MCS0 | Low/Middle/High |
| | IEEE 802.11n HT40 | MCS0 | Low/Middle/High |
| Maximum Peak Output Power | IEEE 802.11b | 1Mbps | Low/Middle/High |
| | IEEE 802.11g | 6Mbps | Low/Middle/High |
| | IEEE 802.11n HT20 | MCS0 | Low/Middle/High |
| | IEEE 802.11n HT40 | MCS0 | Low/Middle/High |
| Power Spectral Density | IEEE 802.11b | 1Mbps | Low/Middle/High |
| | IEEE 802.11g | 6Mbps | Low/Middle/High |
| | IEEE 802.11n HT20 | MCS0 | Low/Middle/High |
| | IEEE 802.11n HT40 | MCS0 | Low/Middle/High |
| Conducted Band Edge | IEEE 802.11b | 1Mbps | Low/ High |
| | IEEE 802.11g | 6Mbps | Low/ High |
| | IEEE 802.11n HT20 | MCS0 | Low/ High |
| | IEEE 802.11n HT40 | MCS0 | Low/ High |
| Conducted Spurious Emissions | IEEE 802.11b | 1Mbps | Low/Middle/High |
| | IEEE 802.11g | 6Mbps | Low/Middle/High |
| | IEEE 802.11n HT20 | MCS0 | Low/Middle/High |
| | IEEE 802.11n HT40 | MCS0 | Low/Middle/High |
| Radiated Spurious Emissions(Below 1GHz) | IEEE 802.11b | 1Mbps | Low/Middle/High |
| | IEEE 802.11g | 6Mbps | Low/Middle/High |
| | IEEE 802.11n HT20 | MCS0 | Low/Middle/High |
| | IEEE 802.11n HT40 | MCS0 | Low/Middle/High |
| Radiated Spurious Emissions(Above 1GHz) | IEEE 802.11b | 1Mbps | Low/Middle/High |
| | IEEE 802.11g | 6Mbps | Low/Middle/High |
| | IEEE 802.11n HT20 | MCS0 | Low/Middle/High |
| | IEEE 802.11n HT40 | MCS0 | Low/Middle/High |
| Radiated Band Edge | IEEE 802.11b | 1Mbps | Low/Middle/High |
| | IEEE 802.11g | 6Mbps | Low/Middle/High |
| | IEEE 802.11n HT20 | MCS0 | Low/Middle/High |
| | IEEE 802.11n HT40 | MCS0 | Low/Middle/High |
| AC Power Line Conducted Emissions | IEEE 802.11b | 1Mbps | Low/Middle/High |
| | IEEE 802.11g | 6Mbps | Low/Middle/High |
| | IEEE 802.11n HT20 | MCS0 | Low/Middle/High |
| | IEEE 802.11n HT40 | MCS0 | Low/Middle/High |

Note:

1. In radiated measurement, the EUT had been pre-scan on the positioned of each 3 axis(X,Y,Z), the worst case was found when positioned on **X-plane**.

2.7. Power Setting of Test Software

| Software Name | RFTestTool | | |
|---------------------------|------------|------|------|
| Frequency(MHz) | 2412 | 2437 | 2462 |
| IEEE 802.11b Setting | 50 | 50 | 50 |
| IEEE 802.11g Setting | 50 | 50 | 50 |
| IEEE 802.11n HT20 Setting | 50 | 50 | 50 |
| Frequency(MHz) | 2422 | 2437 | 2452 |
| IEEE 802.11n HT40 Setting | 50 | 50 | 50 |

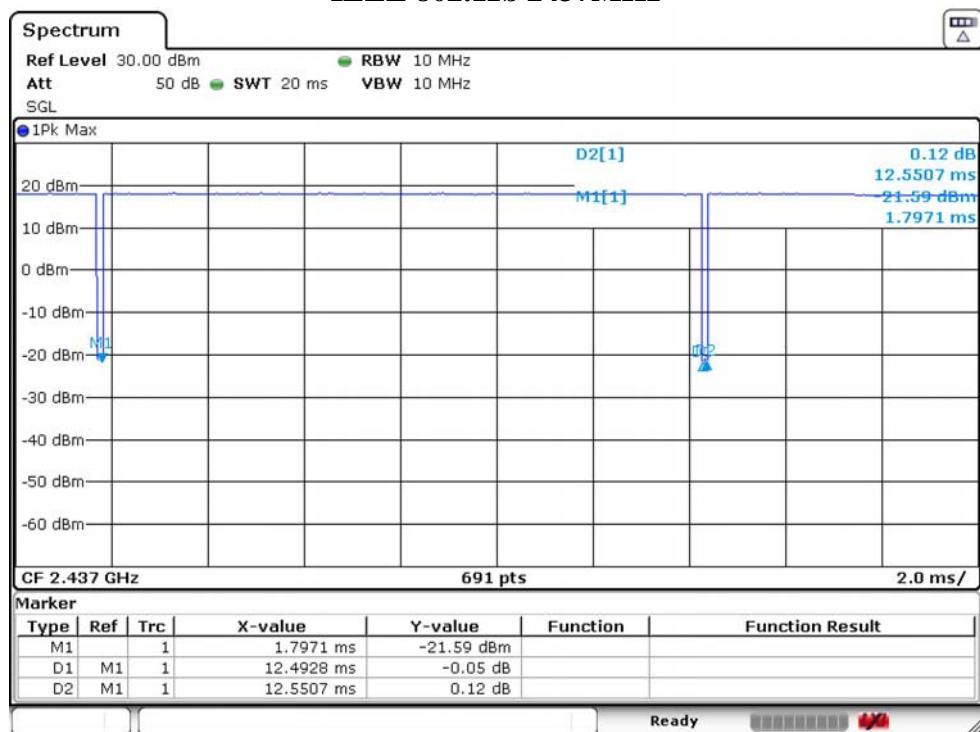
2.8. Duty Cycle

| Temperature | 24°C | Relative Humidity | 53% | Test Voltage | 120V/60Hz |
|-------------------|----------|-------------------|----------------|--------------|-------------|
| Mode | Fre(MHz) | On time(ms) | Total Time(ms) | Duty Cycle | Duty Factor |
| IEEE 802.11b | 2437 | 12.49280 | 12.55070 | 99.54% | 0.00 |
| IEEE 802.11g | 2437 | 2.09420 | 2.13043 | 98.30% | 0.00 |
| IEEE 802.11n HT20 | 2437 | 1.93478 | 1.97101 | 98.16% | 0.00 |
| IEEE 802.11n HT40 | 2437 | 0.95072 | 0.99130 | 95.91% | 0.18 |

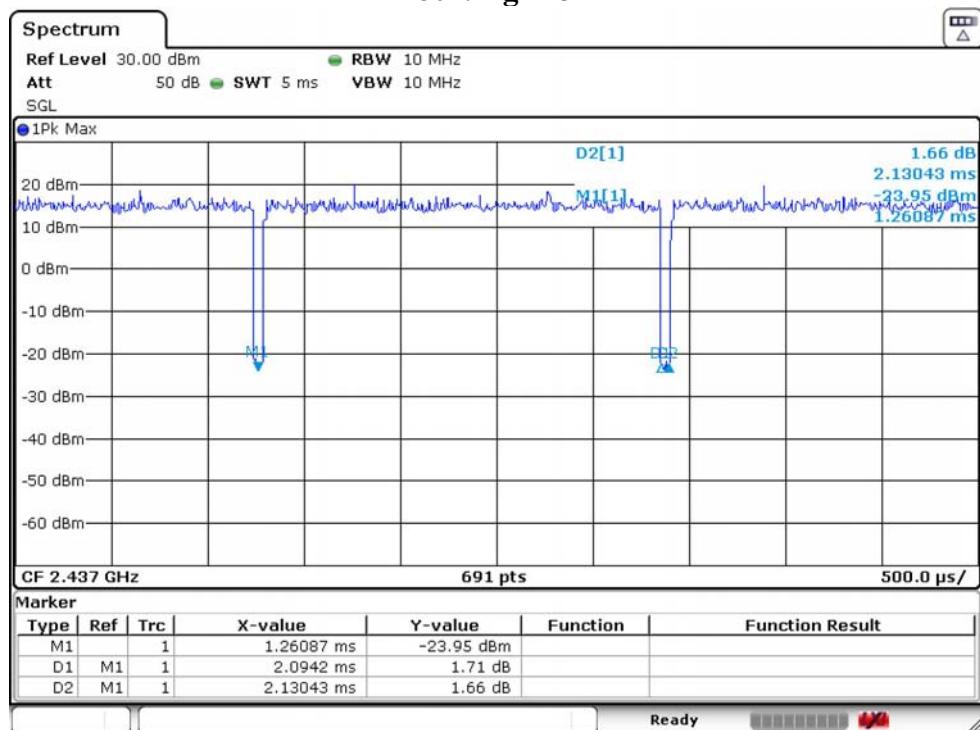
Note:

1. If duty cycle <98 %, the conducted average output power and average power spectral density should be add duty factor.
2. If duty cycle $\geqslant 98\%$,the EUT is consider to be transmitting continuously,the conducted average output power and average power spectral density no need to add duty factor(consider to be zero).
3. The conducted peak output power and peak power spectral density no need to consider duty factor.
4. The on-time time is transmission duration(T).

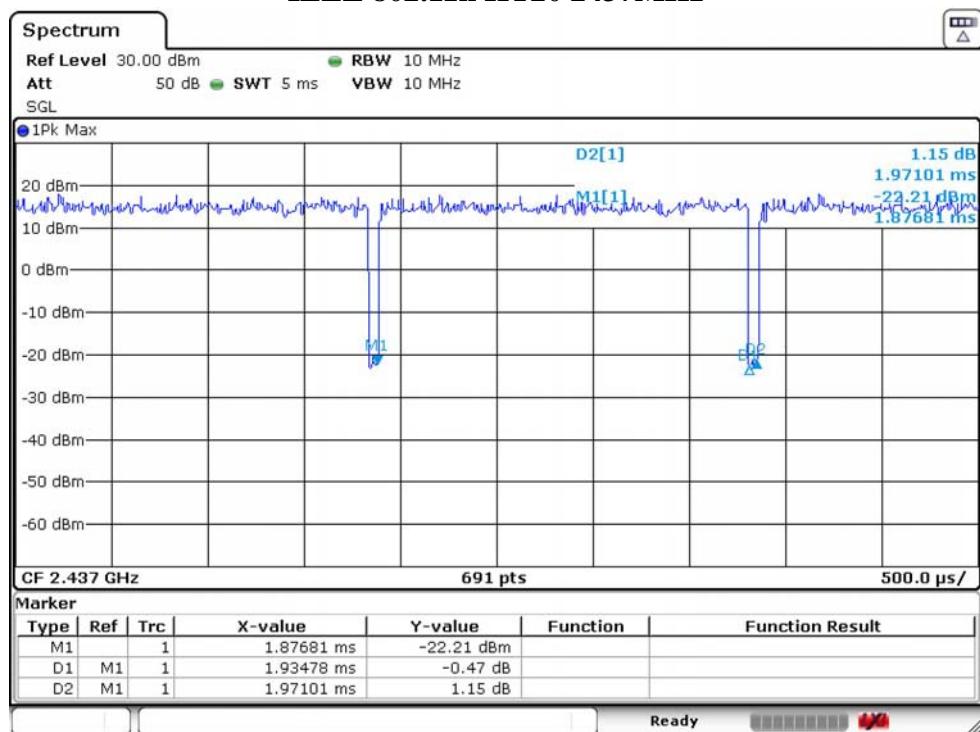
IEEE 802.11b 2437MHz



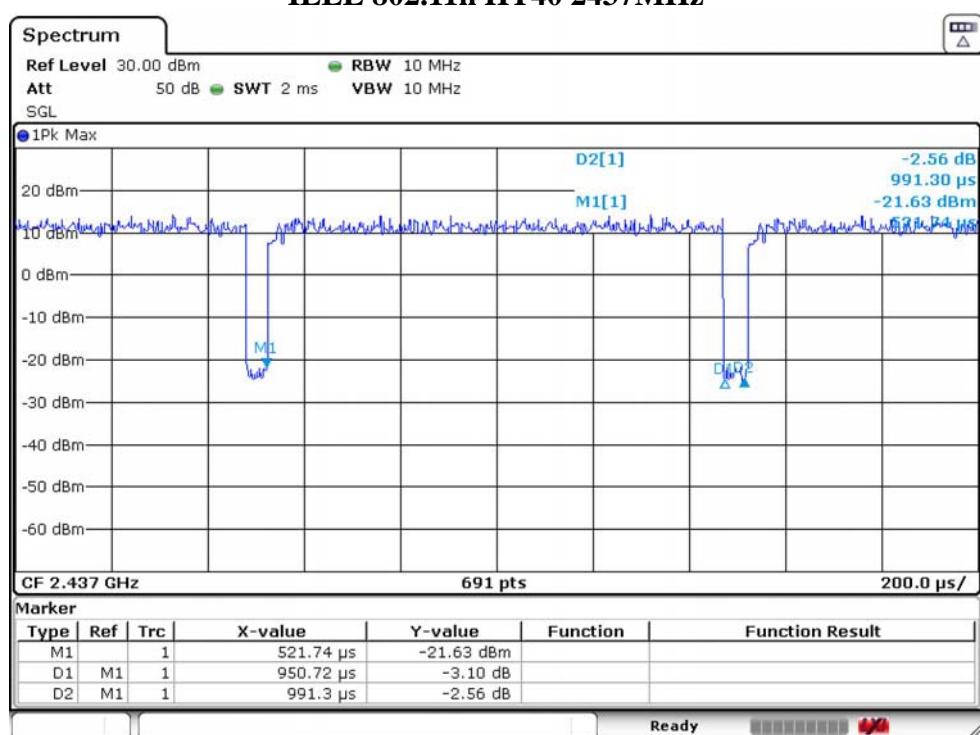
IEEE 802.11g 2437MHz



IEEE 802.11n HT20 2437MHz



IEEE 802.11n HT40 2437MHz



2.9. Channel List

| IEEE 802.11b/802.11g/802.11n HT20 | | | | | |
|-----------------------------------|-----------|---------|-----------|---------|-----------|
| Channel | Frequency | Channel | Frequency | Channel | Frequency |
| | (MHz) | | (MHz) | | (MHz) |
| 1 | 2412 | 6 | 2437 | 11 | 2462 |
| 2 | 2417 | 7 | 2442 | | |
| 3 | 2422 | 8 | 2447 | | |
| 4 | 2427 | 9 | 2452 | | |
| 5 | 2432 | 10 | 2457 | | |

| IEEE 802.11n HT40 | | | | | |
|-------------------|-----------|---------|-----------|---------|-----------|
| Channel | Frequency | Channel | Frequency | Channel | Frequency |
| | (MHz) | | (MHz) | | (MHz) |
| 3 | 2422 | 6 | 2437 | 9 | 2452 |
| 4 | 2427 | 7 | 2442 | | |
| 5 | 2432 | 8 | 2447 | | |

2.10. Test Equipment List

| For conducted emission test | | | | | | |
|-----------------------------|-----------------|--------------|------------|------------------|------------|-----------|
| Equipment | Manufacturer | Model No. | Serial No. | Calibration Body | Last Cal. | Next Cal. |
| EMI Test Receiver | Rohde & Schwarz | ESHS30 | EST-E001 | LISAI | June 13,20 | 1 Year |
| Artificial Mains Network | Rohde & Schwarz | ENV216 | EST-E002 | LISAI | June 13,20 | 1 Year |
| Pulse Limiter | Rohde & Schwarz | ESH3-Z2 | EST-E078 | LISAI | June 13,20 | 1 Year |
| Test Software | Audix | e3-6.111221a | N/A | N/A | N/A | N/A |

| For radiated emission test(9kHz-30MHz) | | | | | | |
|--|-----------------|--------------|------------|------------------|------------|-----------|
| Equipment | Manufacturer | Model No. | Serial No. | Calibration Body | Last Cal. | Next Cal. |
| EMI Test Receiver | Rohde & Schwarz | ESR7 | EST-E047 | LISAI | June 13,20 | 1 Year |
| Active Loop Antenna | SCHWAREB ECK | FMZB 1519B | EST-E054 | LISAI | June 13,20 | 1 Year |
| Test Software | Audix | e3-6.111221a | N/A | N/A | N/A | N/A |
| 9kHz-30MHz Cable | N/A | EST-001 | N/A | N/A | N/A | N/A |

| For radiated emissions test (30MHz-1000MHz) | | | | | | |
|---|-----------------|--------------|------------|------------------|------------|-----------|
| Equipment | Manufacturer | Model No. | Serial No. | Calibration Body | Last Cal. | Next Cal. |
| EMI Test Receiver | Rohde & Schwarz | ESR7 | EST-E047 | LISAI | June 13,20 | 1 Year |
| Bilog Antenna | Teseq | CBL 6111D | EST-E034 | LISAI | June 13,20 | 1 Year |
| Test Software | Audix | e3-6.111221a | N/A | N/A | N/A | N/A |
| 30-1000MHz Cable | N/A | EST-002 | N/A | N/A | N/A | N/A |

| For radiated emission test(Above 1000MHz) | | | | | | |
|---|-----------------|--------------|------------|------------------|------------|-----------|
| Equipment | Manufacturer | Model No. | Serial No. | Calibration Body | Last Cal. | Next Cal. |
| Horn Antenna | SCHWARZB ECK | BBHA9120D | EST-E031 | LISAI | June 13,20 | 1 Year |
| Signal Amplifier | SCHWARZB ECK | BBV9718 | EST-E032 | LISAI | June 13,20 | 1 Year |
| Spectrum Analyzer | Rohde & Schwarz | FSV40 | EST-E069 | LISAI | June 13,20 | 1 Year |
| Test Software | Audix | e3-6.111221a | N/A | N/A | N/A | N/A |
| Above 1GHz Cable | N/A | EST-003 | N/A | N/A | N/A | N/A |

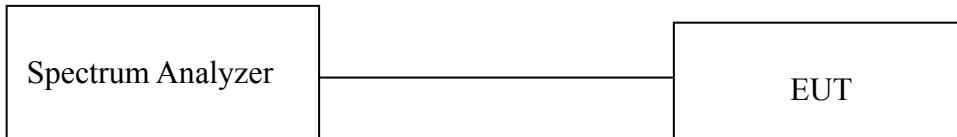
| For connect EUT antenna terminal test | | | | | | |
|---------------------------------------|---------------|-----------|------------|------------------|------------|-----------|
| Equipment | Manufacturer | Model No. | Serial No. | Calibration Body | Last Cal. | Next Cal. |
| Spectrum Analyzer | Rohde&Schwarz | FSV40 | EST-E069 | LISAI | June 13,20 | 1 Year |

3. 6dB BANDWIDTH

3.1. Limit

Systems using digital modulation techniques operate in the 2400-2483.5 MHz, the minimum 6 dB bandwidth shall be at least 500 kHz.

3.2. Test Setup



3.3. Spectrum Analyzer Setting

6dB Bandwidth

| Spectrum Parameters | Setting |
|---------------------|---|
| RBW | 100KHz |
| VBW | 300KHz |
| Span | 40MHz(20MHz Bandwidth mode)/80MHz(40MHz Bandwidth mode) |
| Sweep Time | Auto |
| Detector | Peak |
| Trace Mode | Max Hold |

99% Occupied Bandwidth

| Spectrum Parameters | Setting |
|---------------------|---|
| RBW | 300KHz(20MHz Bandwidth mode)/1MHz(40MHz Bandwidth mode) |
| VBW | 1MHz(20MHz Bandwidth mode)/3MHz(40MHz Bandwidth mode) |
| Span | 40MHz(20MHz Bandwidth mode)/80MHz(40MHz Bandwidth mode) |
| Sweep Time | Auto |
| Detector | Peak |
| Trace Mode | Max Hold |

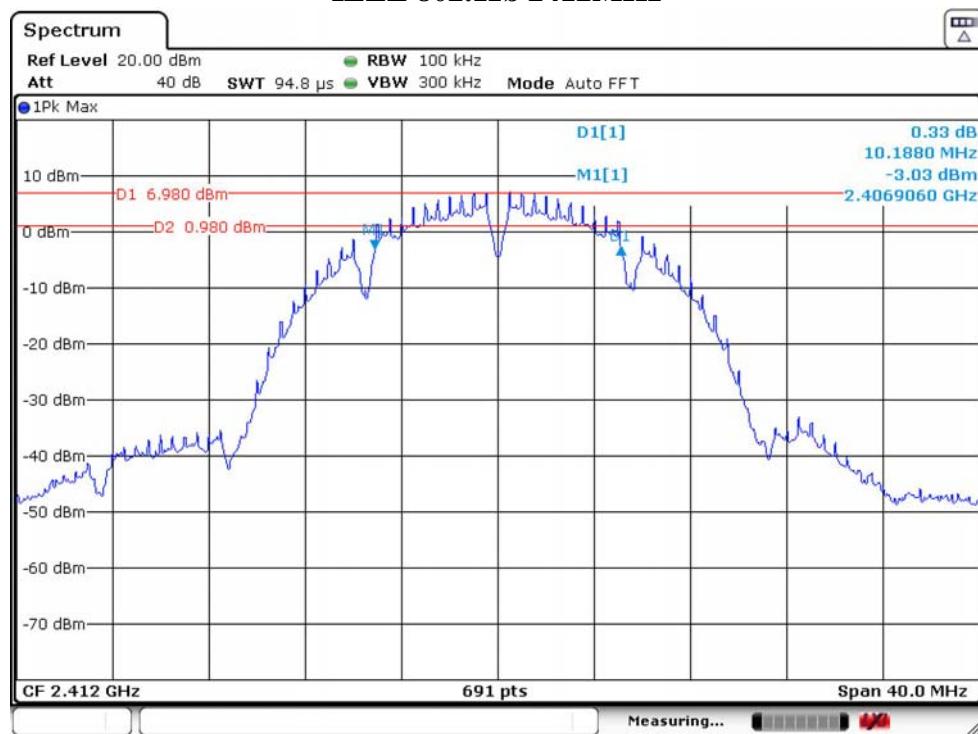
3.4. Test Procedure

- Connect EUT antenna terminal to the spectrum analyzer with RF cable.
- Spectrum analyzer setting parameters in accordance with section 3.3.
- Set the EUT transmit continuously with maximum output power.
- Allow trace to stabilize, measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.
- Repeat above procedures until all modes and channels were measured.
- Record the results in the test report.

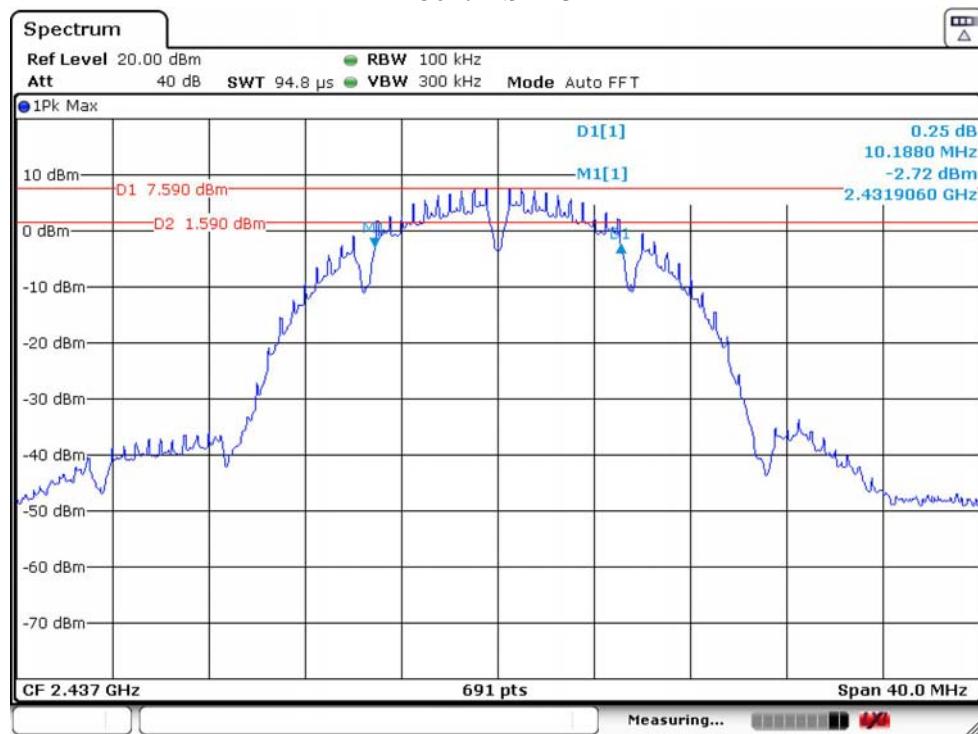
3.5. Test Result

| Temperature | 24°C | Relative Humidity | 53% | |
|----------------------|---------------|------------------------|-------------|--------|
| Test Voltage | 120V/60Hz | | | |
| Mode | Freq (MHz) | 6dB Bandwidth (MHz) | Limit (MHz) | Result |
| IEEE 802.11b | 2412 | 10.19 | ≥0.5 | PASS |
| | 2437 | 10.19 | ≥0.5 | PASS |
| | 2462 | 10.19 | ≥0.5 | PASS |
| IEEE 802.11g | 2412 | 16.44 | ≥0.5 | PASS |
| | 2437 | 16.44 | ≥0.5 | PASS |
| | 2462 | 16.44 | ≥0.5 | PASS |
| IEEE 802.11n HT20 | 2412 | 17.37 | ≥0.5 | PASS |
| | 2437 | 17.42 | ≥0.5 | PASS |
| | 2462 | 17.66 | ≥0.5 | PASS |
| IEEE 802.11n HT40 | 2422 | 34.15 | ≥0.5 | PASS |
| | 2437 | 35.31 | ≥0.5 | PASS |
| | 2452 | 35.31 | ≥0.5 | PASS |

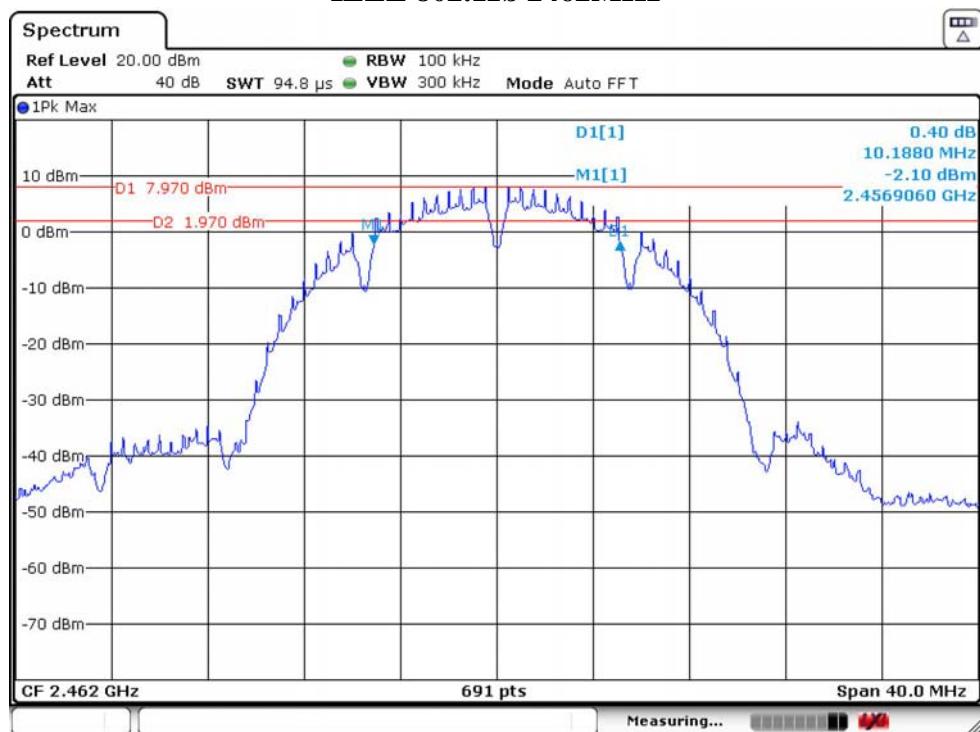
IEEE 802.11b 2412MHz



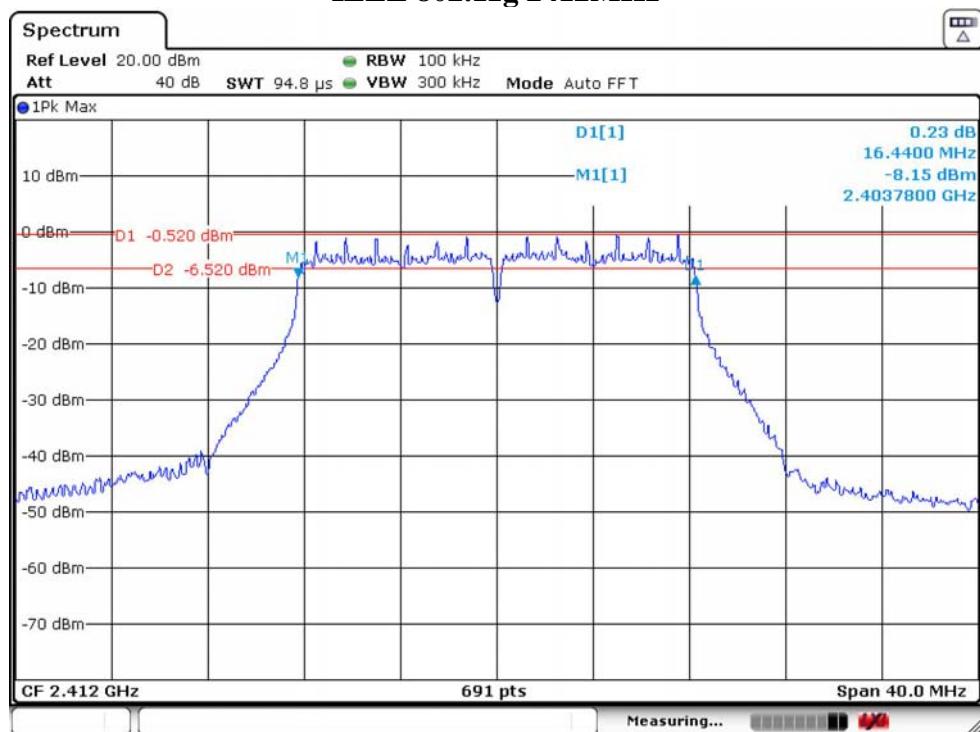
IEEE 802.11b 2437MHz



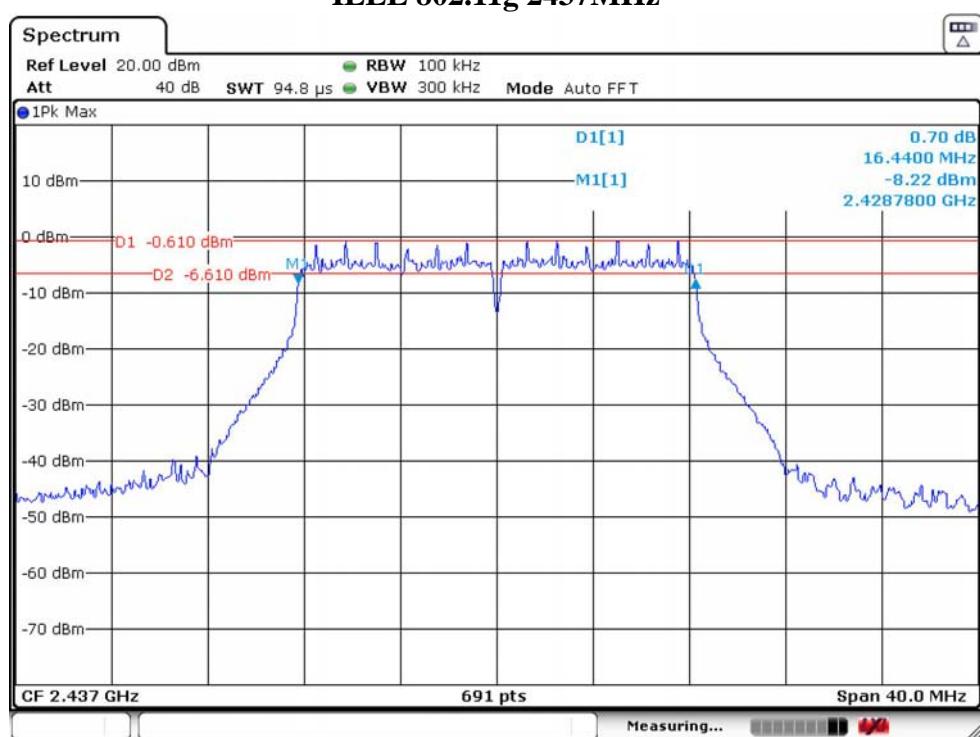
IEEE 802.11b 2462MHz



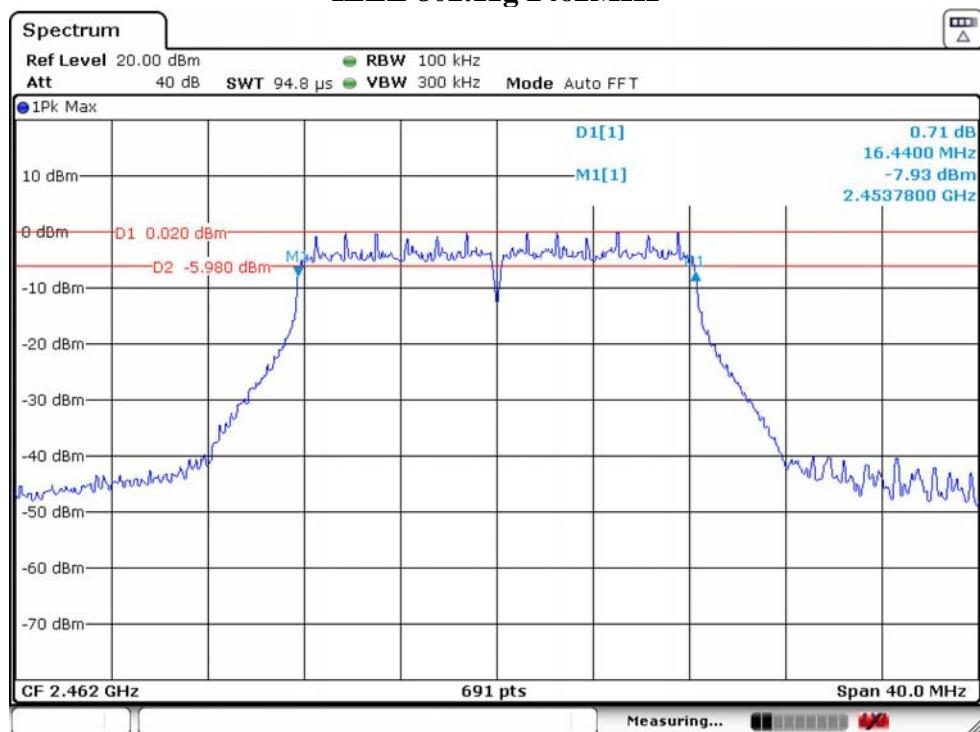
IEEE 802.11g 2412MHz



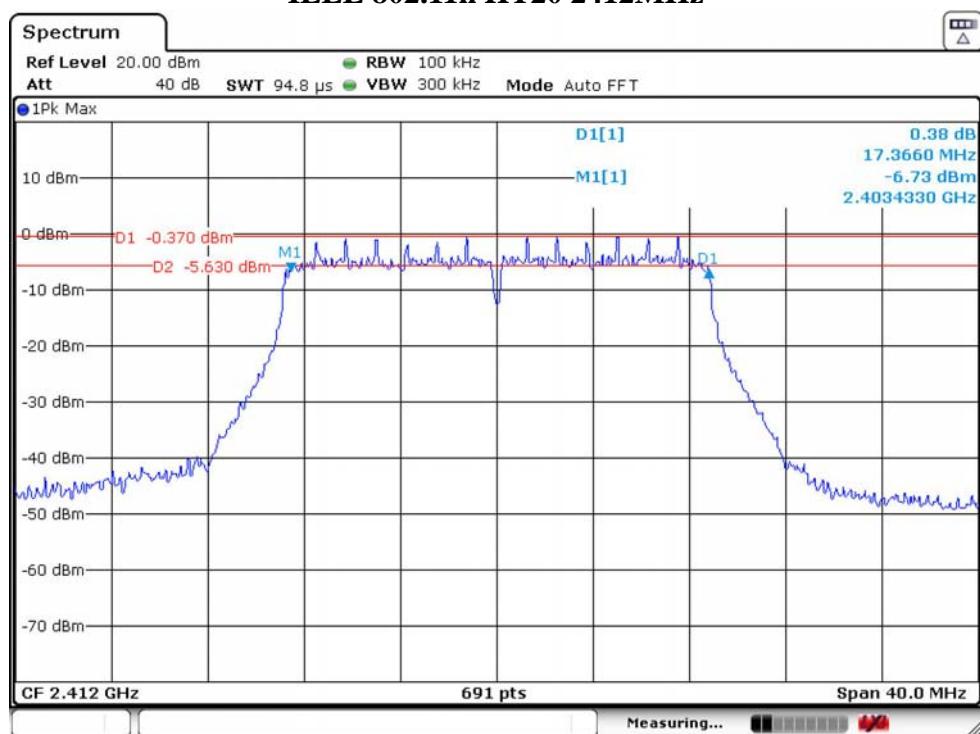
IEEE 802.11g 2437MHz



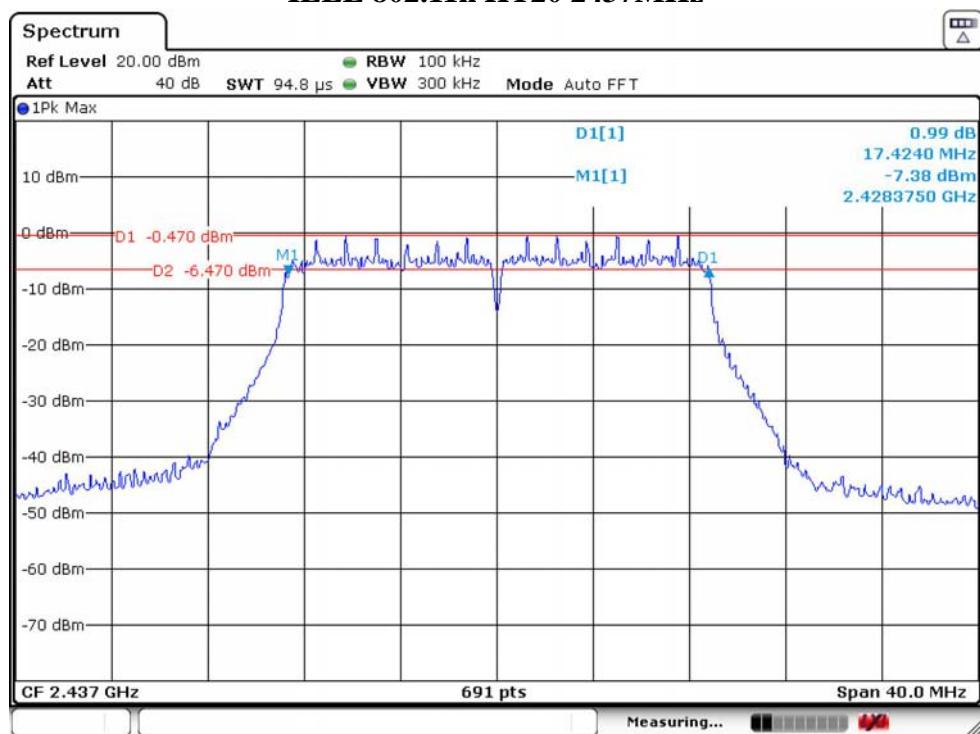
IEEE 802.11g 2462MHz



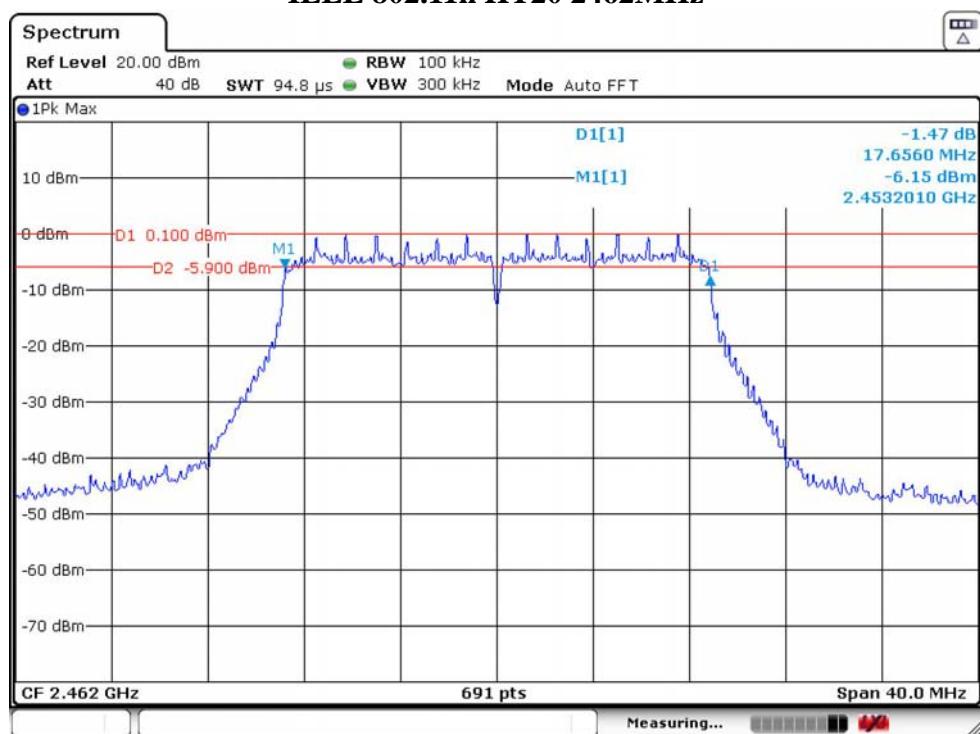
IEEE 802.11n HT20 2412MHz



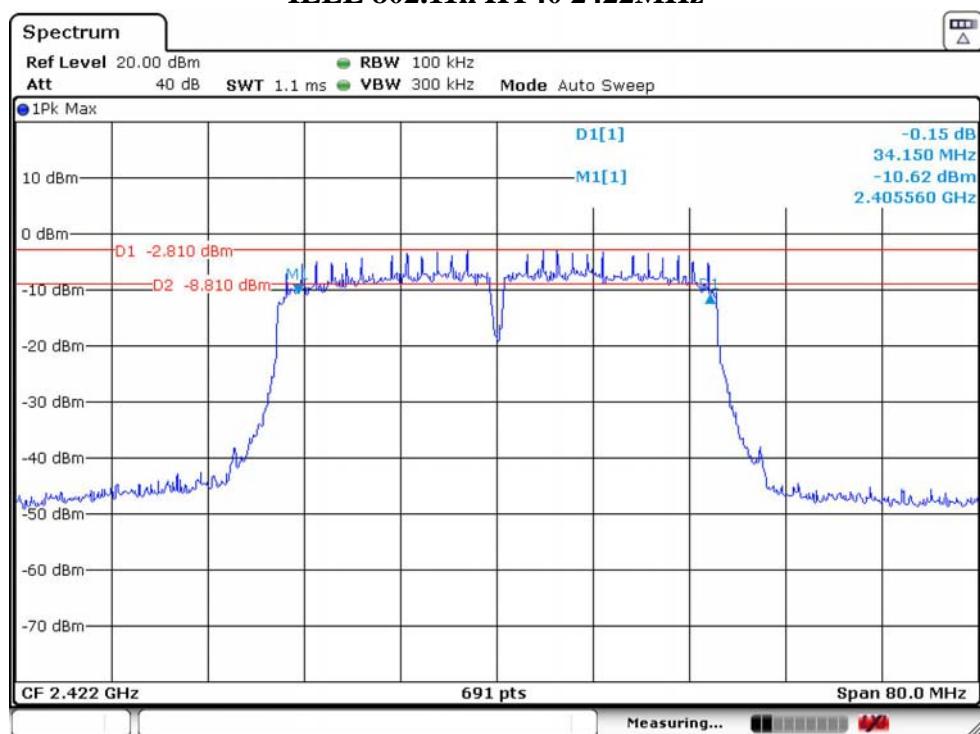
IEEE 802.11n HT20 2437MHz



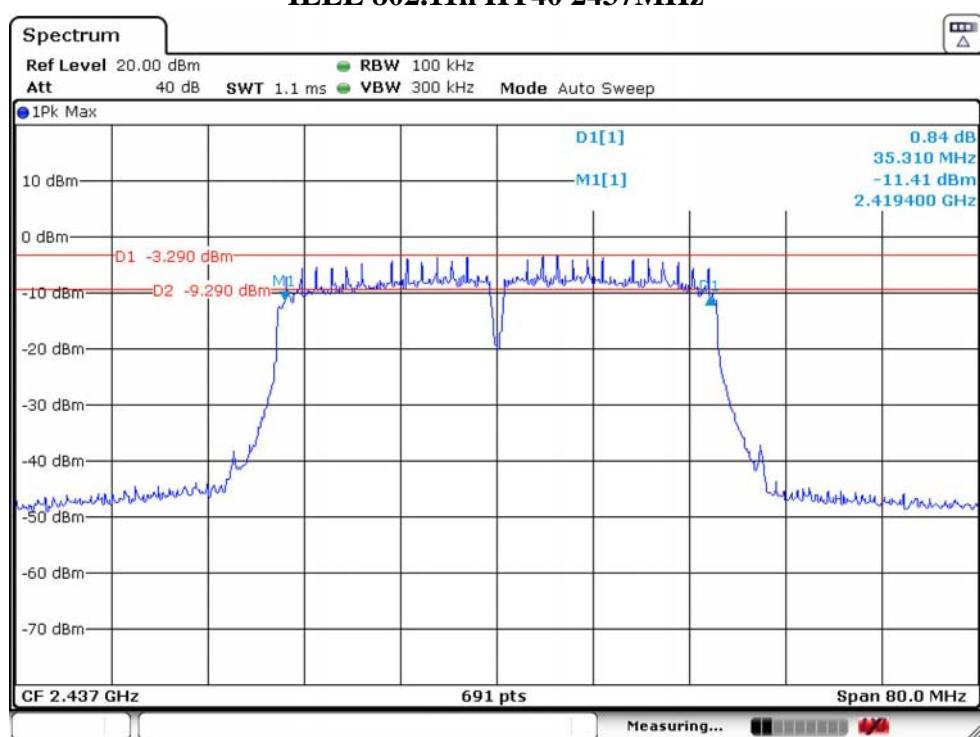
IEEE 802.11n HT20 2462MHz



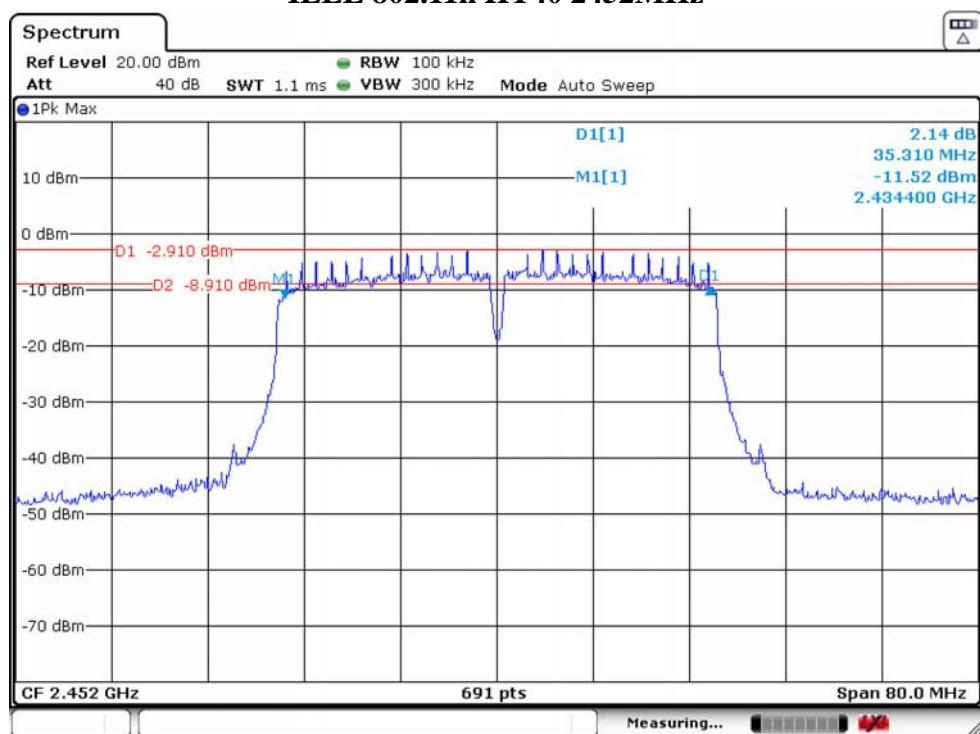
IEEE 802.11n HT40 2422MHz



IEEE 802.11n HT40 2437MHz



IEEE 802.11n HT40 2452MHz

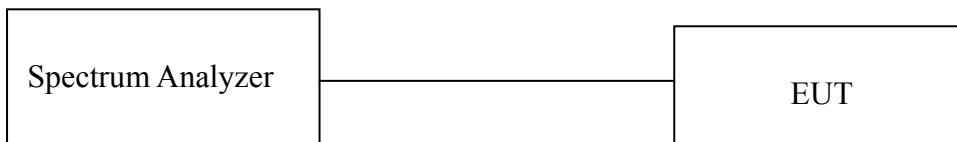


4. MAXIMUM PEAK OUTPUT POWER

4.1. Limit

For systems using digital modulation in 2400-2483.5MHz, the maximum peak output power is 1 Watt(30dBm).

4.2. Test Setup



4.3. Spectrum Analyzer Setting

| Spectrum Parameters | Setting |
|---------------------|---|
| RBW | 1MHz |
| VBW | 3MHz |
| Span | 40MHz(20MHz Bandwidth mode)/80MHz(40MHz Bandwidth mode) |
| Sweep Time | Auto |
| Detector | Peak |
| Trace Mode | Max Hold |

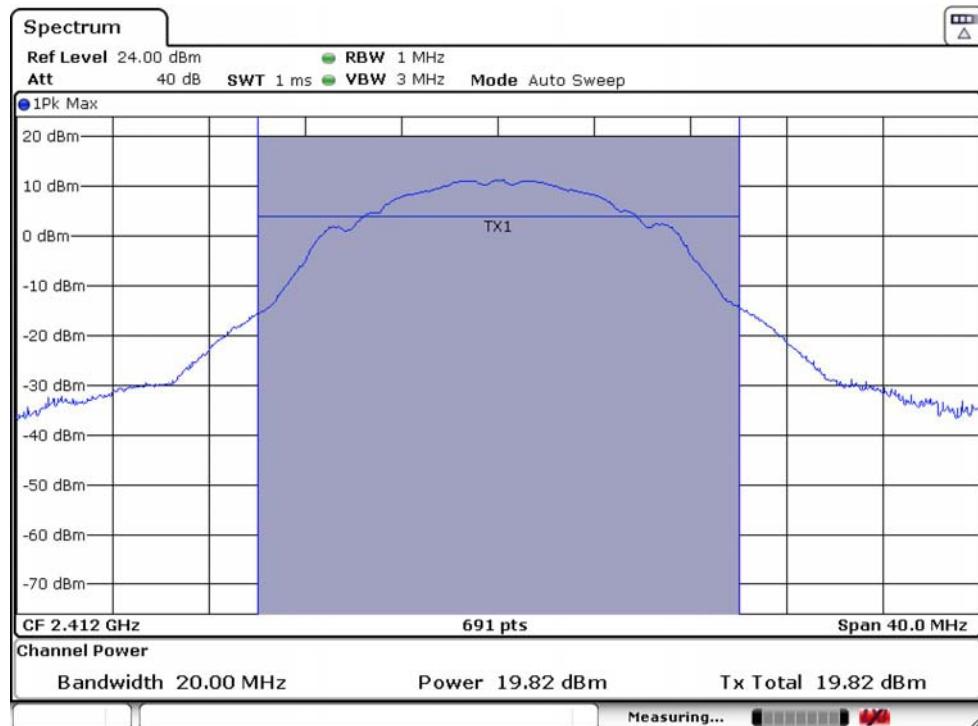
4.4. Test Procedure

- Connect EUT antenna terminal to the spectrum analyzer with RF cable.
- Spectrum analyzer setting parameters in accordance with section 4.3.
- Set the EUT transmit continuously with maximum output power.
- Use the channel power function to measure maximum peak output power, allow trace to stabilize, save test pictures.
- Repeat above procedures until all modes and channels were measured.
- Record the results in the test report.

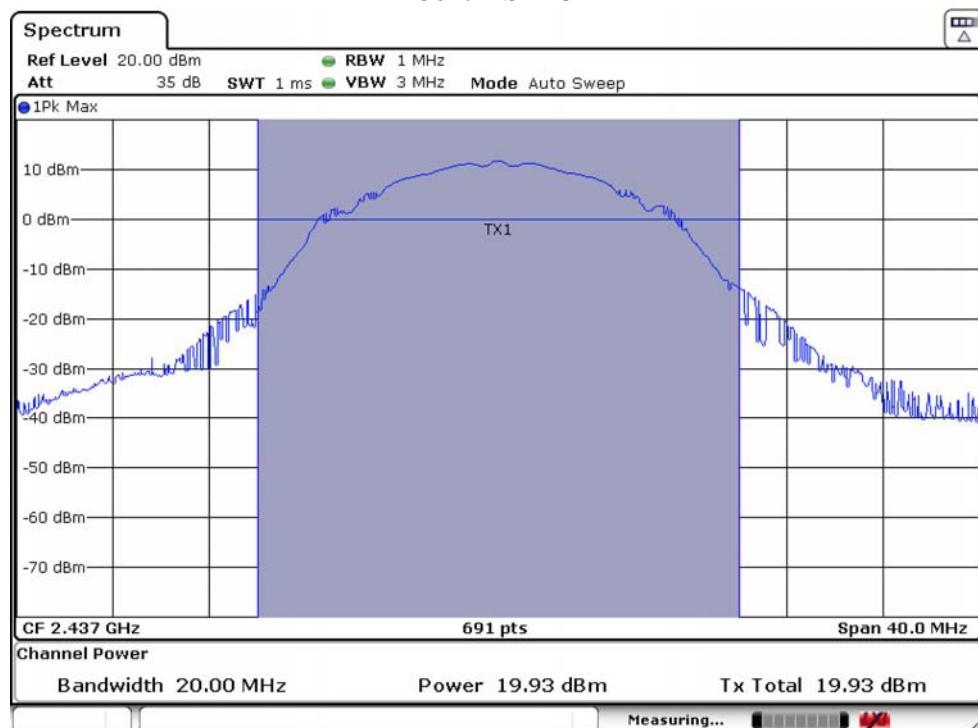
4.5. Test Result

| Temperature | 24°C | Relative Humidity | 53% | Test Voltage | | 120V/60Hz |
|-------------------|------------|-------------------|--------|--------------|--------|-----------|
| Mode | Freq (MHz) | Peak Output Power | | Limit | | Result |
| | | dBm | W | dBm | W | |
| IEEE 802.11b | 2412 | 19.82 | 0.0959 | 30.00 | 1.0000 | PASS |
| | 2437 | 19.93 | 0.0984 | 30.00 | 1.0000 | PASS |
| | 2462 | 20.72 | 0.1180 | 30.00 | 1.0000 | PASS |
| IEEE 802.11g | 2412 | 18.73 | 0.0746 | 30.00 | 1.0000 | PASS |
| | 2437 | 18.94 | 0.0783 | 30.00 | 1.0000 | PASS |
| | 2462 | 19.76 | 0.0946 | 30.00 | 1.0000 | PASS |
| IEEE 802.11n HT20 | 2412 | 18.82 | 0.0762 | 30.00 | 1.0000 | PASS |
| | 2437 | 19.00 | 0.0794 | 30.00 | 1.0000 | PASS |
| | 2462 | 19.68 | 0.0929 | 30.00 | 1.0000 | PASS |
| IEEE 802.11n HT40 | 2422 | 18.97 | 0.0789 | 30.00 | 1.0000 | PASS |
| | 2437 | 18.63 | 0.0729 | 30.00 | 1.0000 | PASS |
| | 2452 | 19.05 | 0.0804 | 30.00 | 1.0000 | PASS |

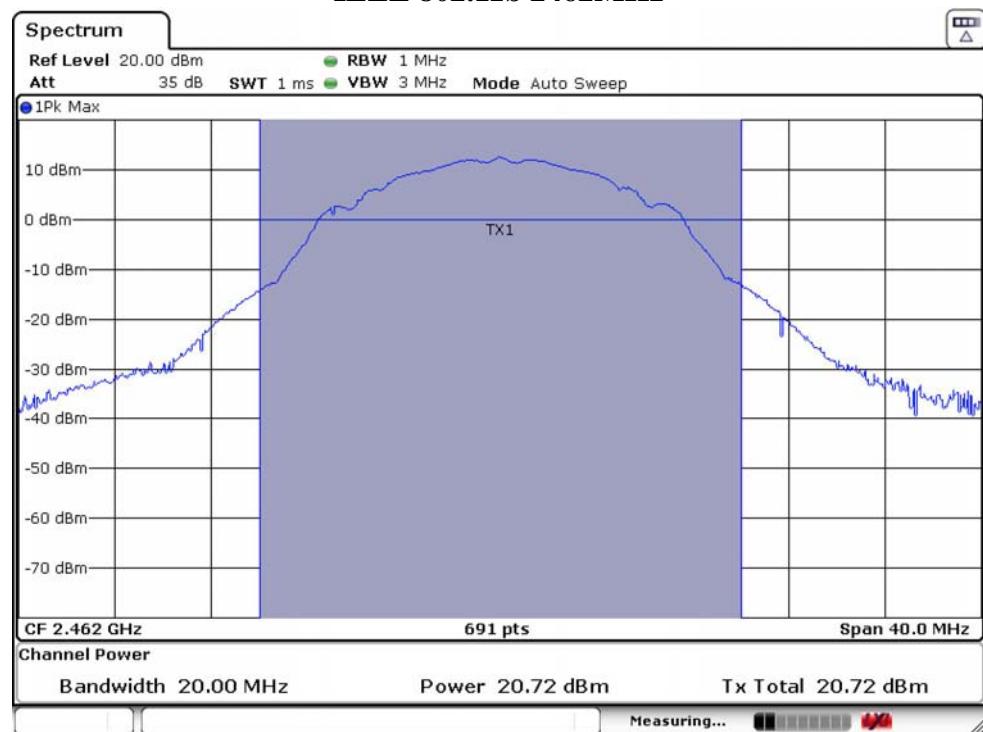
IEEE 802.11b 2412MHz



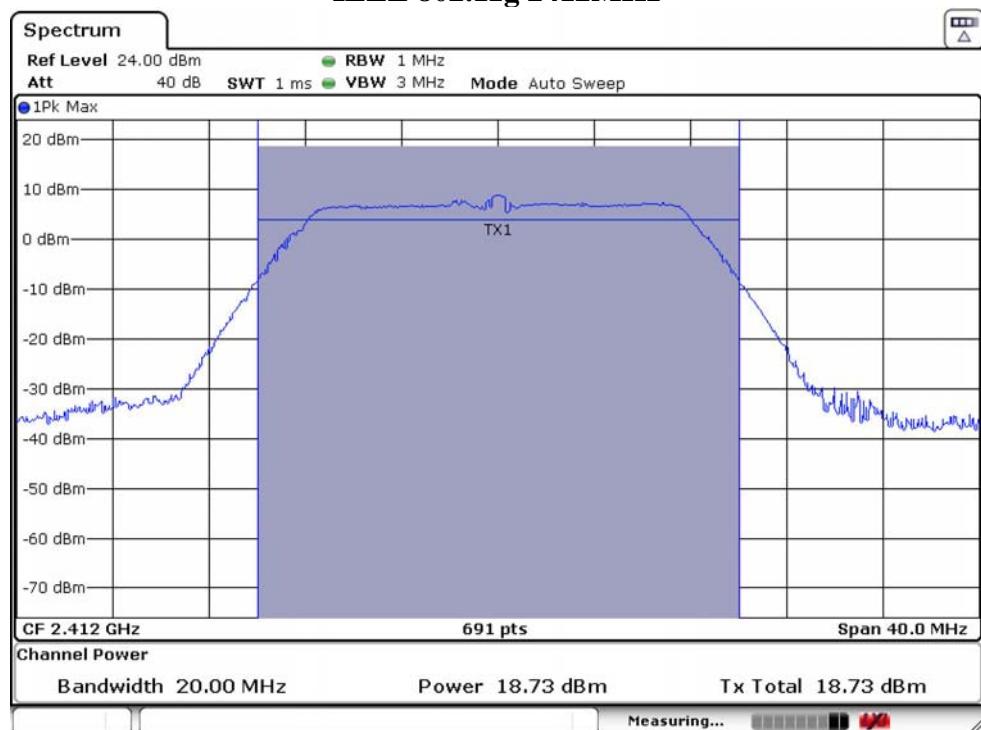
IEEE 802.11b 2437MHz



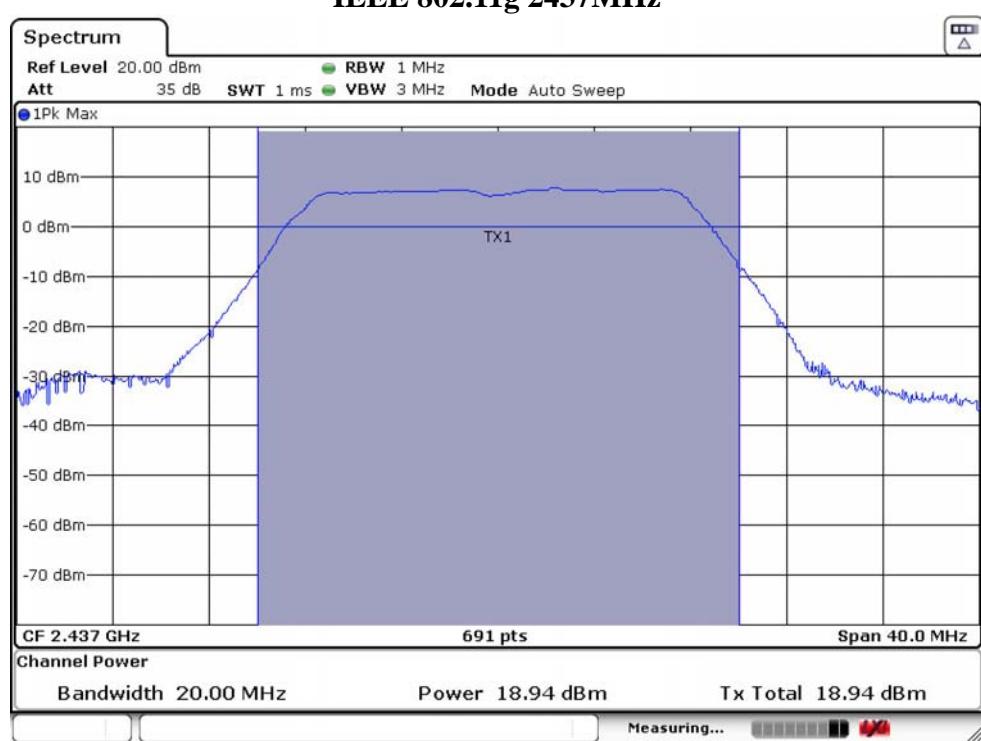
IEEE 802.11b 2462MHz



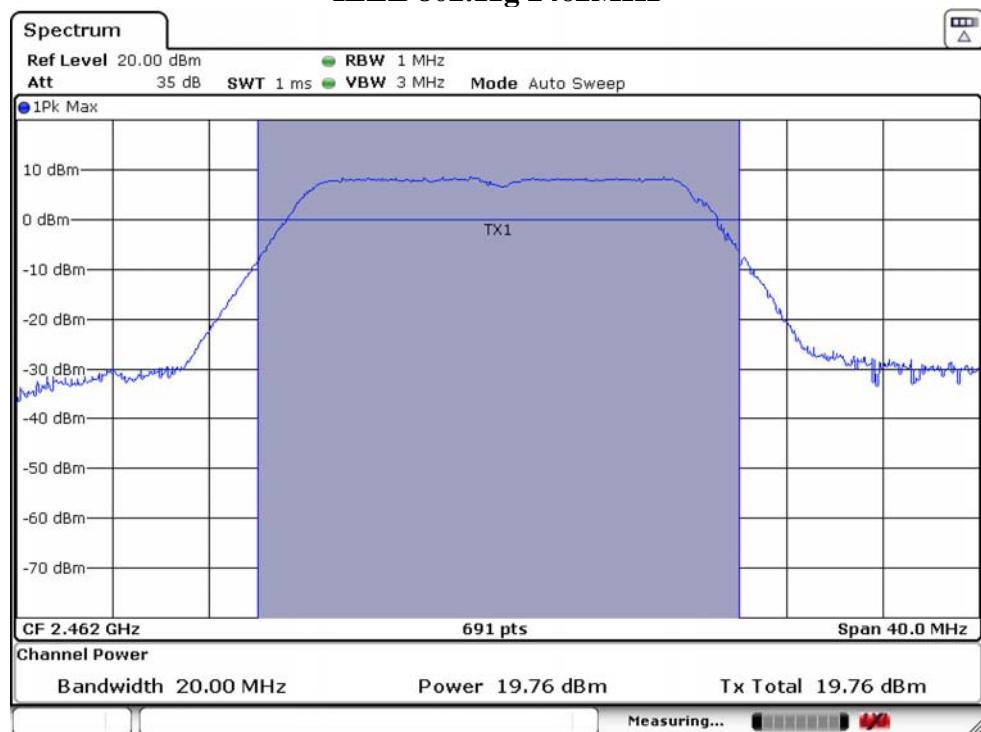
IEEE 802.11g 2412MHz



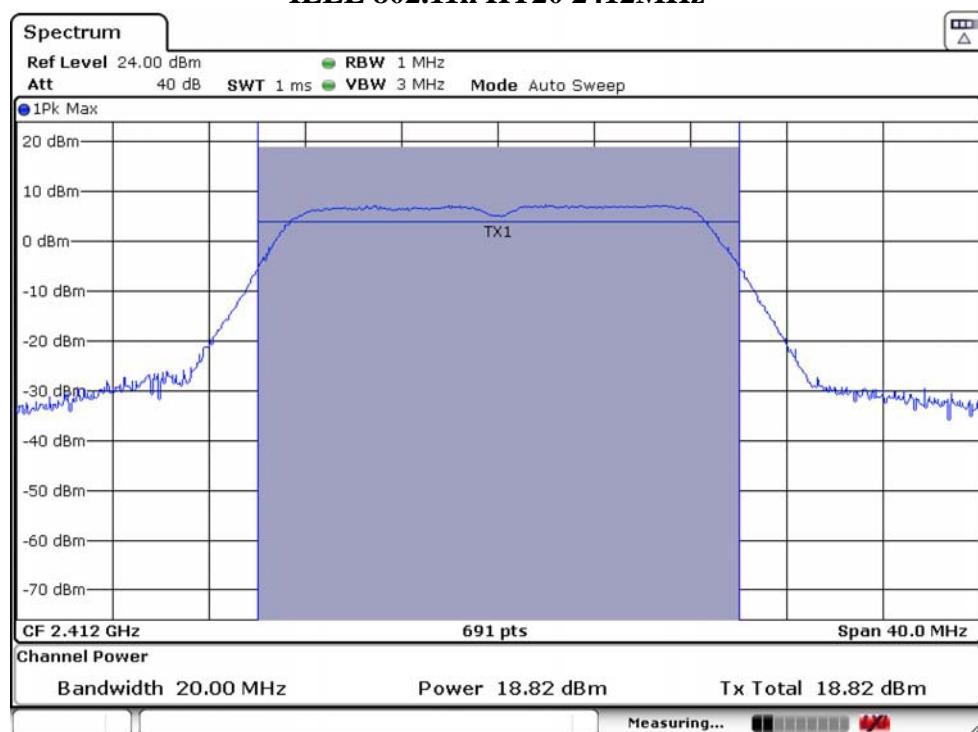
IEEE 802.11g 2437MHz



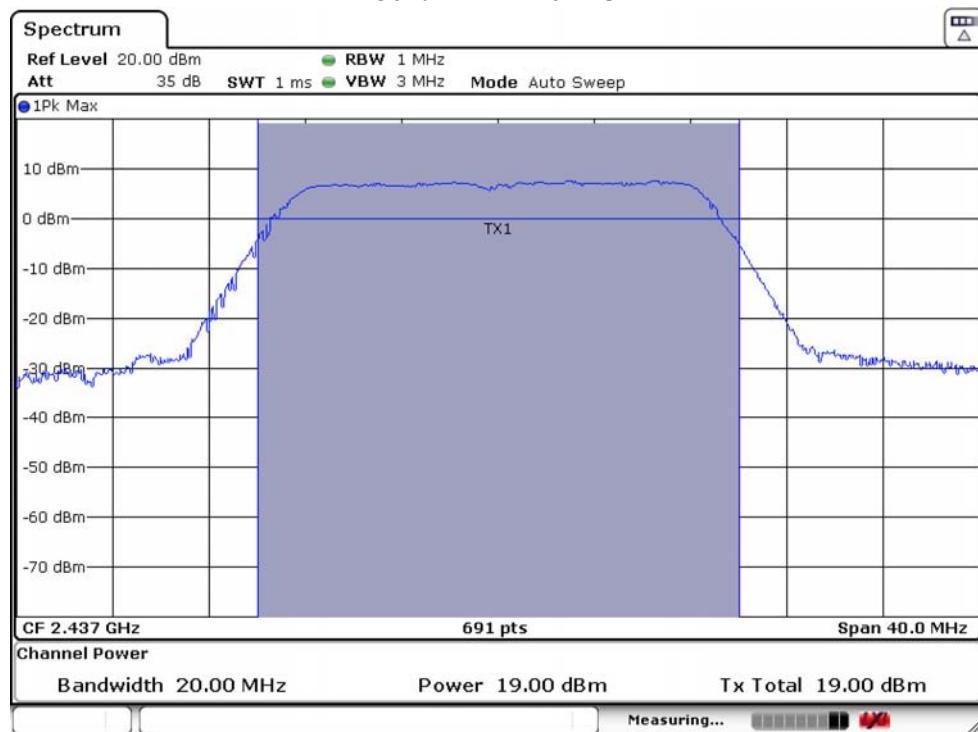
IEEE 802.11g 2462MHz



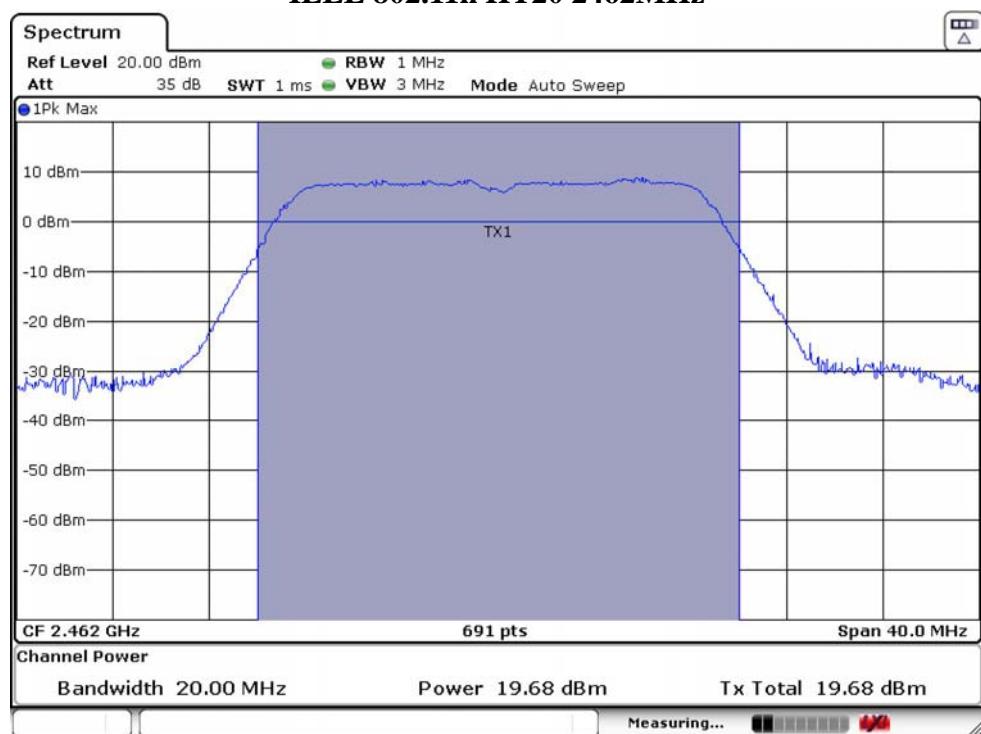
IEEE 802.11n HT20 2412MHz



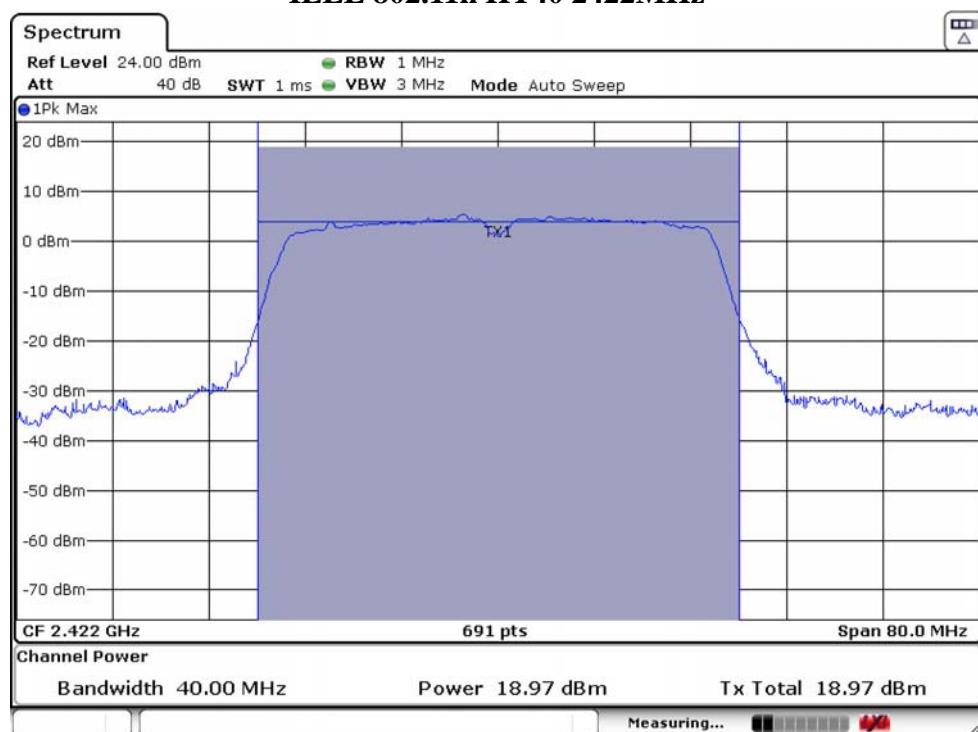
IEEE 802.11n HT20 2437MHz



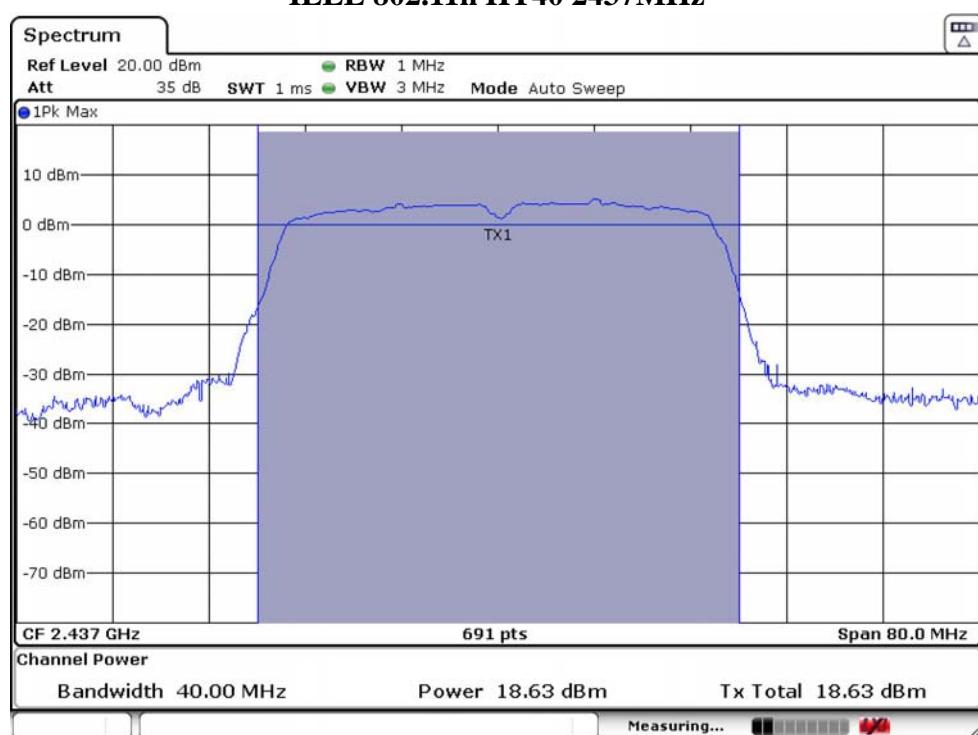
IEEE 802.11n HT20 2462MHz



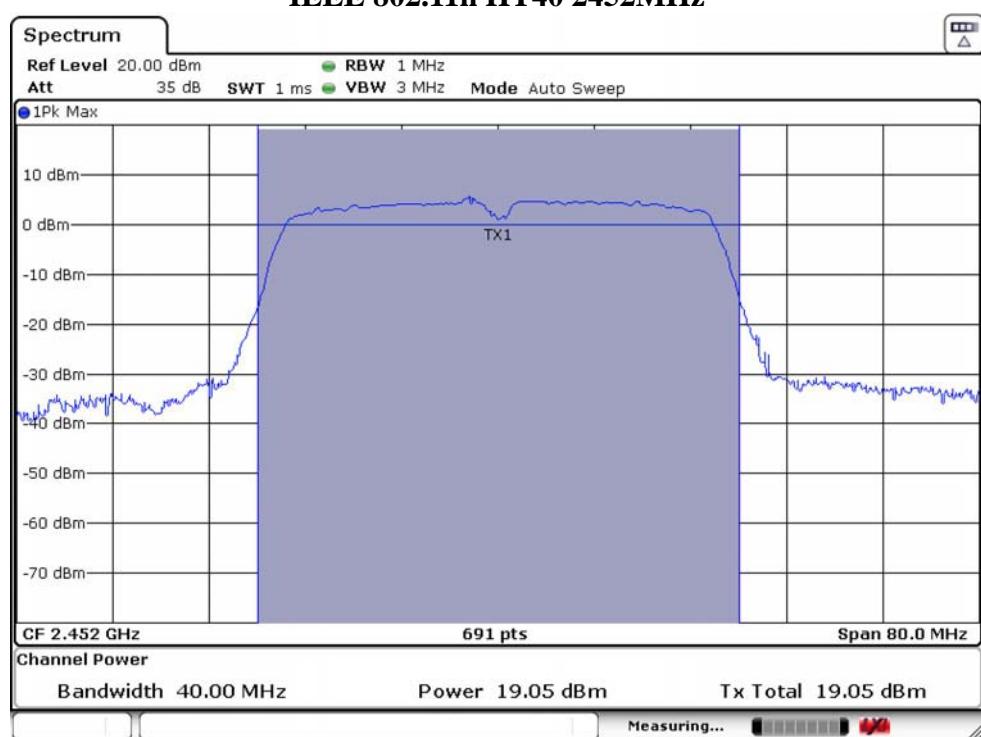
IEEE 802.11n HT40 2422MHz



IEEE 802.11n HT40 2437MHz



IEEE 802.11n HT40 2452MHz



5. POWER SPECTRAL DENSITY

5.1. Limit

For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

5.2. Test Setup



5.3. Spectrum Analyzer Setting

| Spectrum Parameters | Setting |
|---------------------|---|
| RBW | 3KHz |
| VBW | 10KHz |
| Span | 30MHz(20MHz Bandwidth mode)/60MHz(40MHz Bandwidth mode) |
| Sweep Time | Auto |
| Detector | Peak |
| Trace Mode | Max Hold |

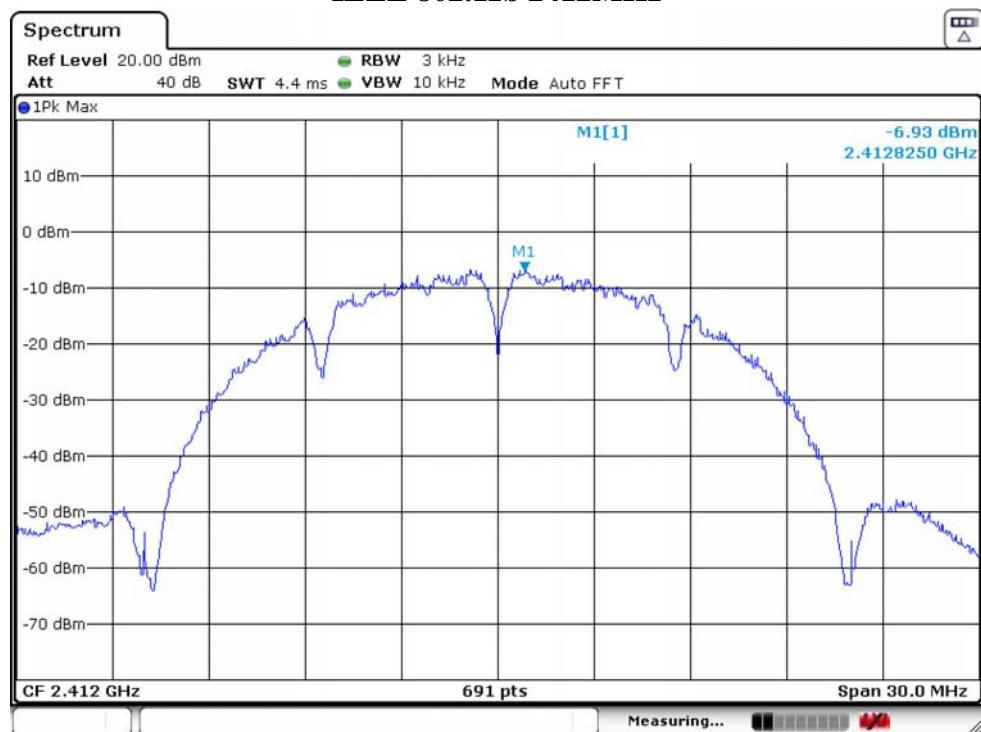
5.4. Test Procedure

- Connect EUT antenna terminal to the spectrum analyzer with RF cable.
- Spectrum analyzer setting parameters in accordance with section 5.3.
- Set the EUT transmit continuously with maximum output power.
- Allow trace to stabilize, use the marker-to-peak function to set the marker to the peak of the emission.
- Repeat above procedures until all modes and channels were measured.
- Record the results in the test report.

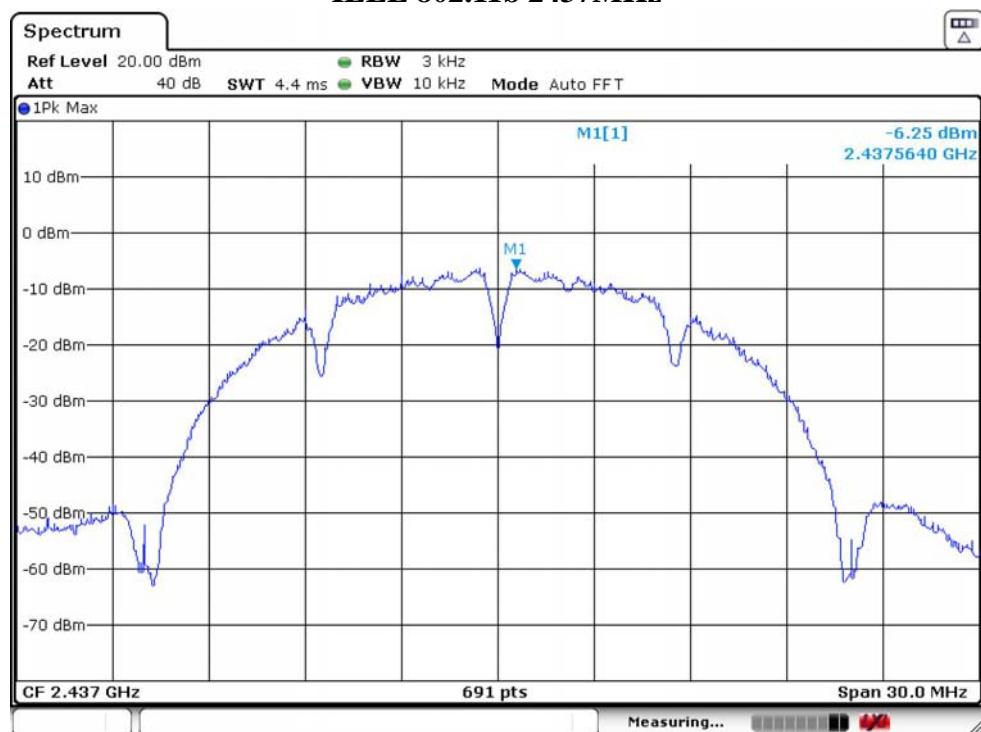
5.5. Test Result

| Temperature | 24°C | Relative Humidity | 53% | Test Voltage | 120V/60Hz |
|-------------------------|---------------|-----------------------------|-----|---------------------|-----------|
| Mode | Freq (MHz) | Power Density (dBm/3KHz) | | Limit (dBm/3KHz) | Result |
| IEEE 802.11b | 2412 | -6.93 | | 8.00 | PASS |
| | 2437 | -6.25 | | 8.00 | PASS |
| | 2462 | -5.66 | | 8.00 | PASS |
| IEEE 802.11g | 2412 | -13.89 | | 8.00 | PASS |
| | 2437 | -14.52 | | 8.00 | PASS |
| | 2462 | -14.15 | | 8.00 | PASS |
| IEEE 802.11n HT20 | 2412 | -13.52 | | 8.00 | PASS |
| | 2437 | -14.15 | | 8.00 | PASS |
| | 2462 | -14.25 | | 8.00 | PASS |
| IEEE 802.11n HT40 | 2422 | -16.78 | | 8.00 | PASS |
| | 2437 | -17.50 | | 8.00 | PASS |
| | 2452 | -17.48 | | 8.00 | PASS |

IEEE 802.11b 2412MHz



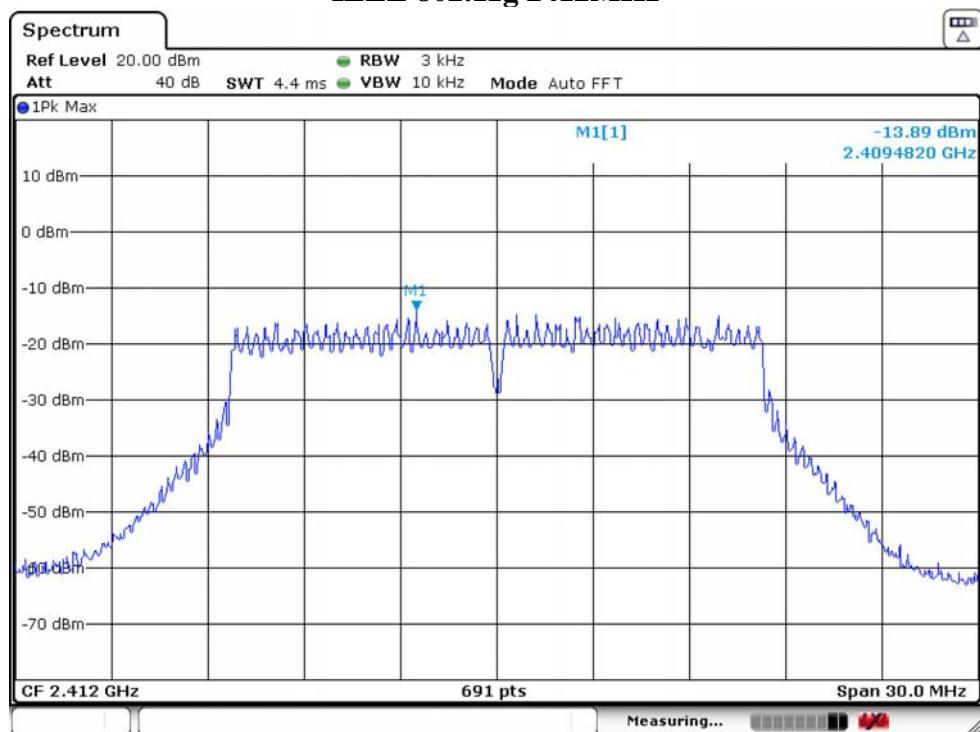
IEEE 802.11b 2437MHz



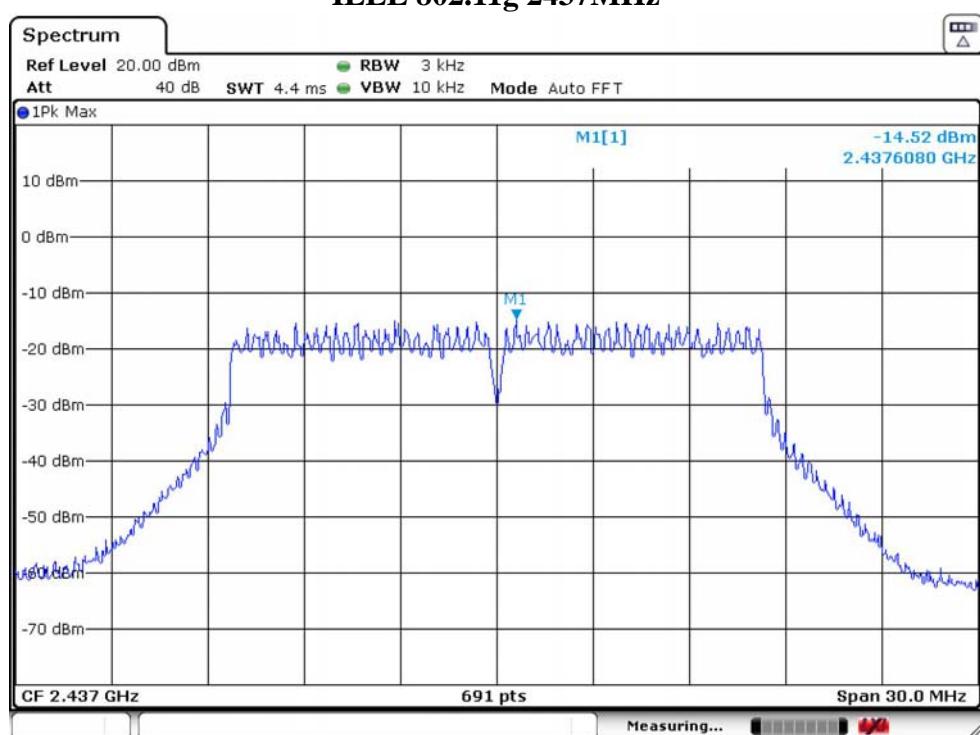
IEEE 802.11b 2462MHz



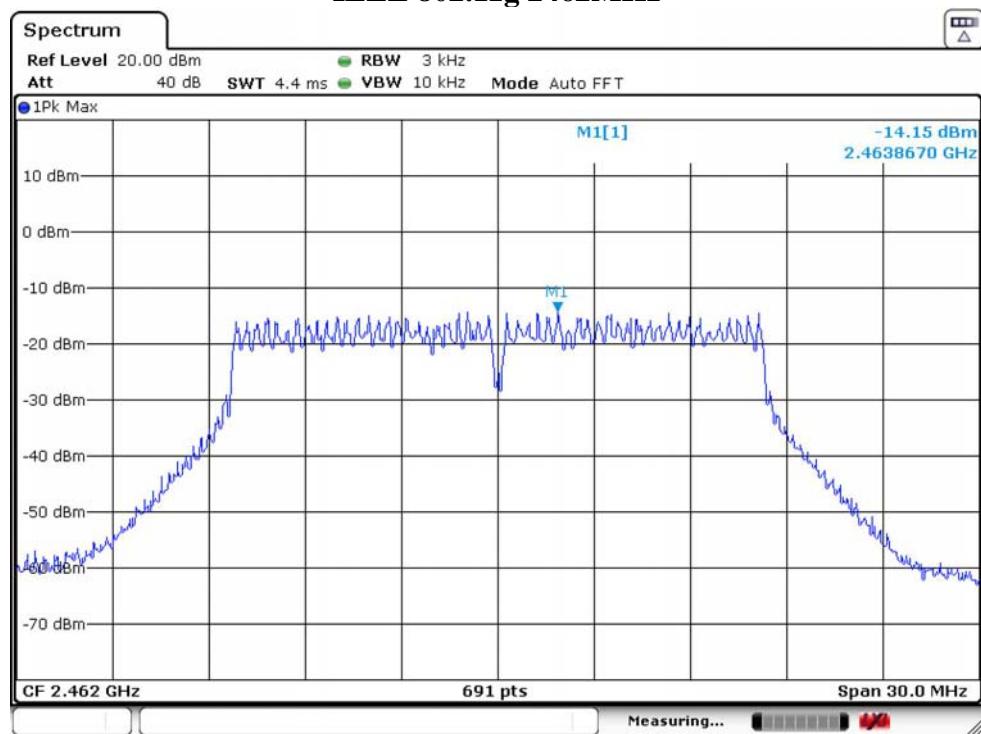
IEEE 802.11g 2412MHz



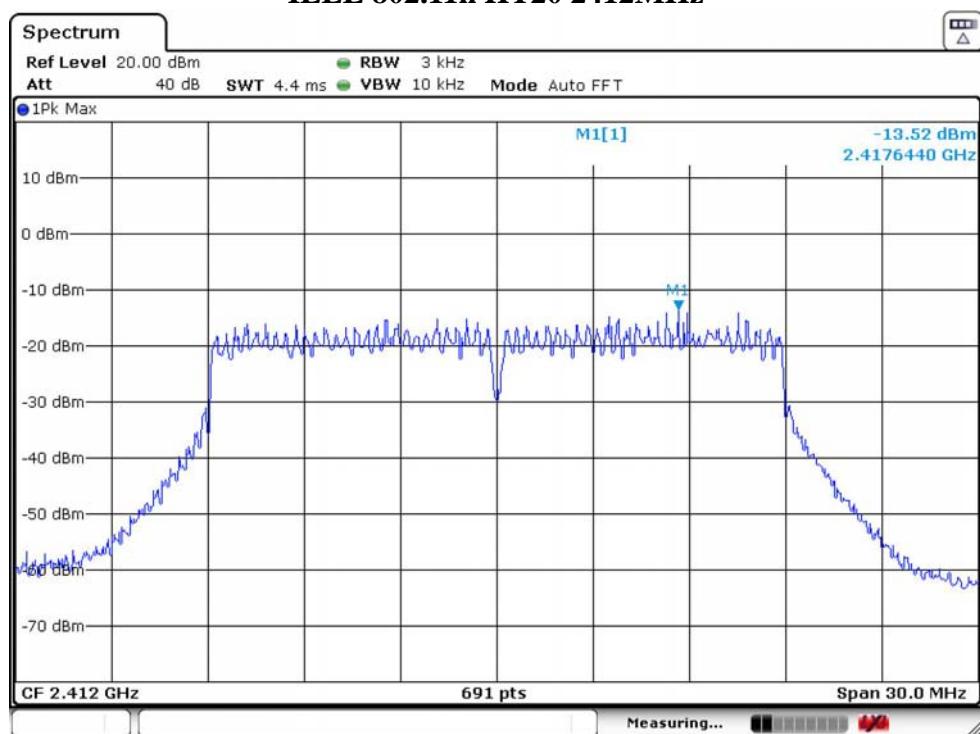
IEEE 802.11g 2437MHz



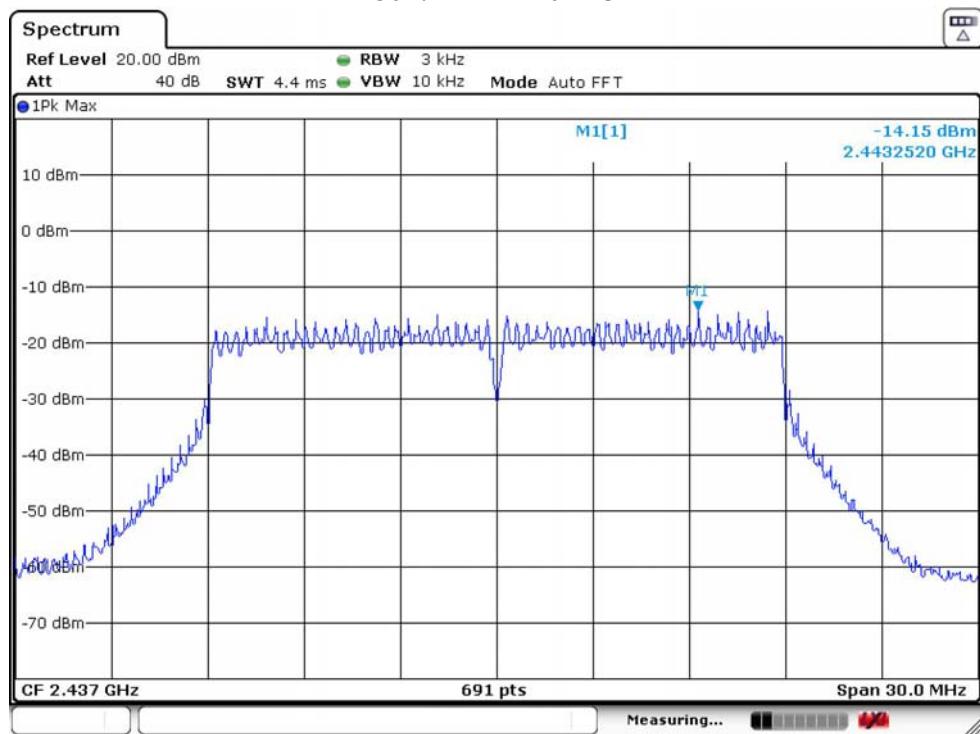
IEEE 802.11g 2462MHz



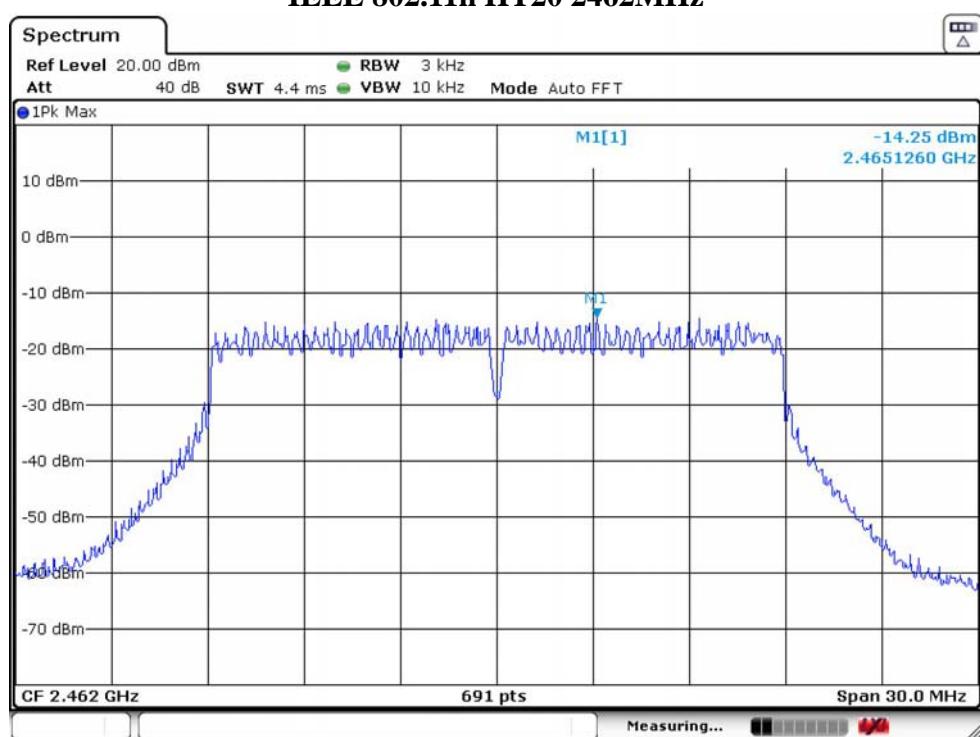
IEEE 802.11n HT20 2412MHz



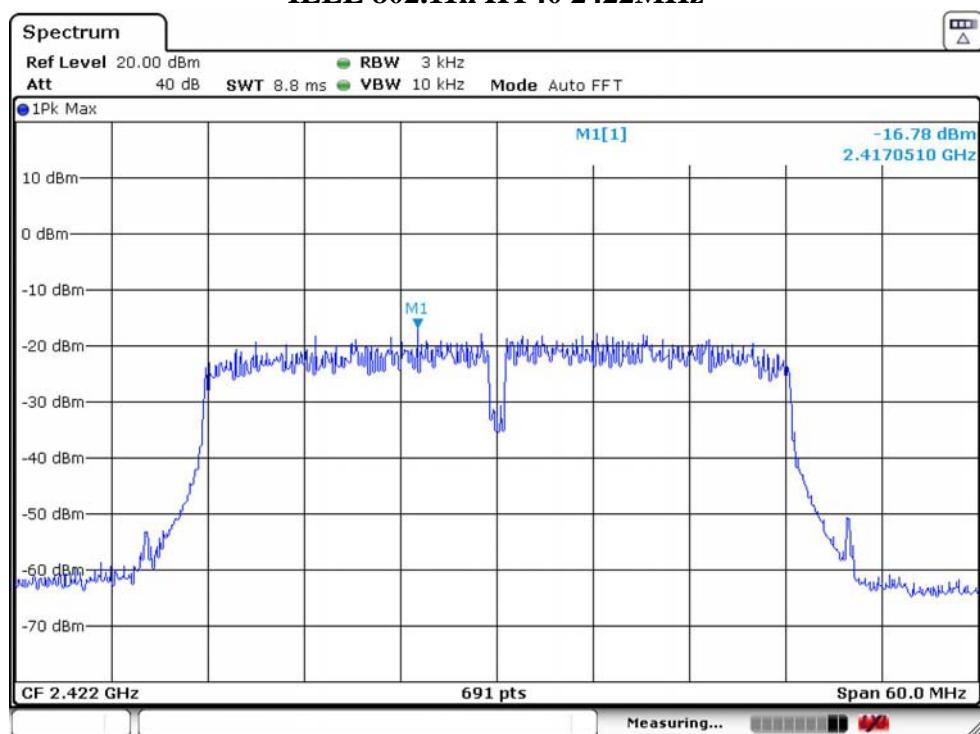
IEEE 802.11n HT20 2437MHz



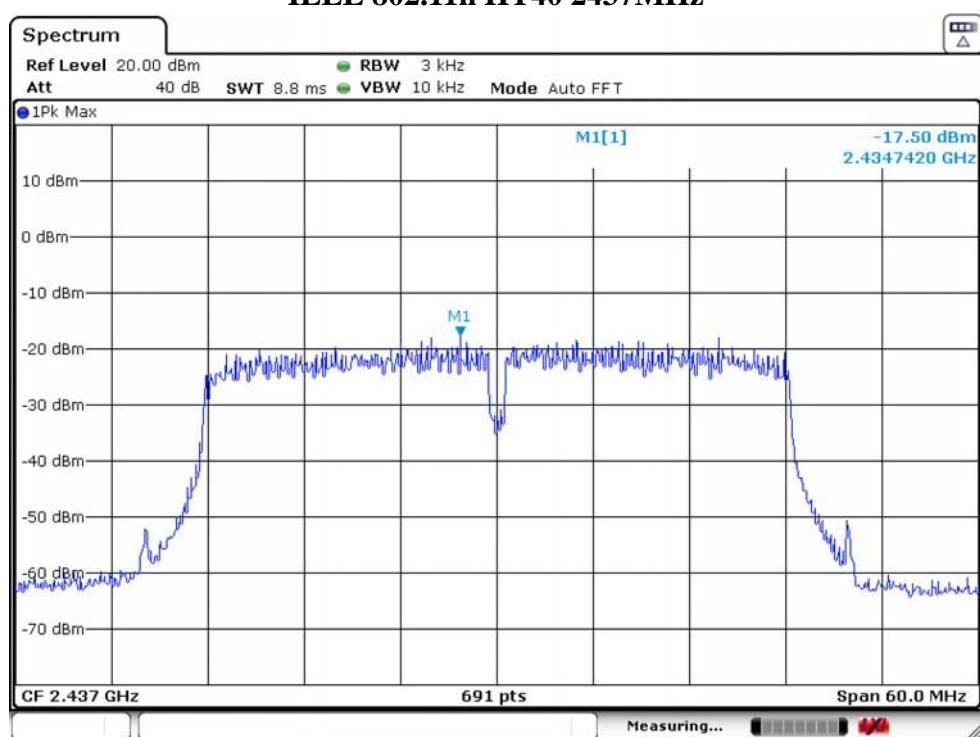
IEEE 802.11n HT20 2462MHz



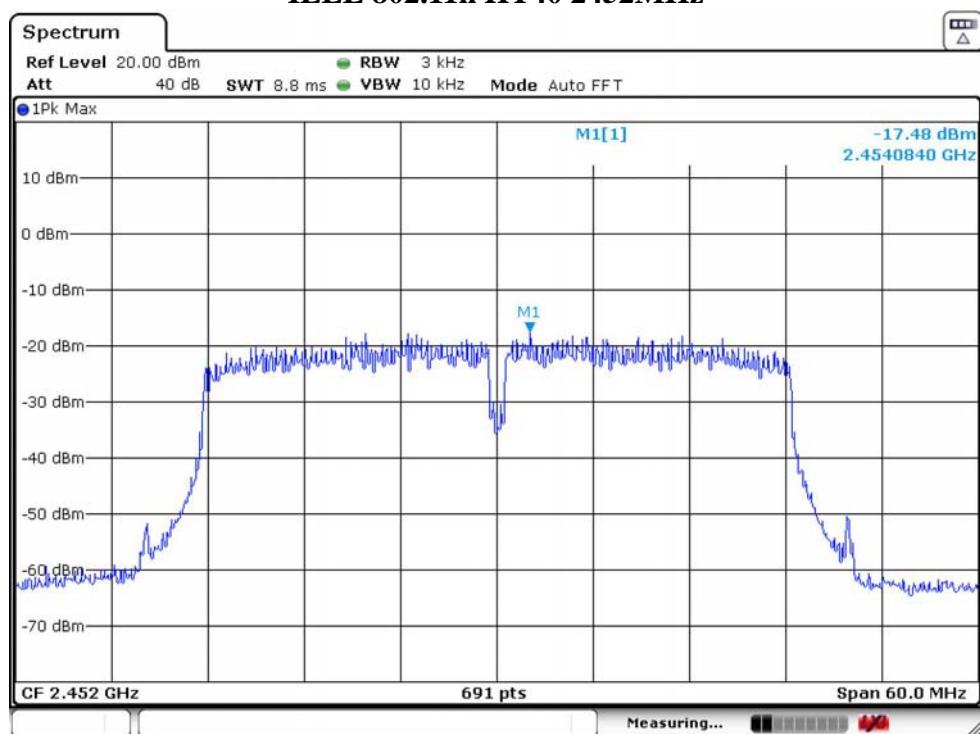
IEEE 802.11n HT40 2422MHz



IEEE 802.11n HT40 2437MHz



IEEE 802.11n HT40 2452MHz

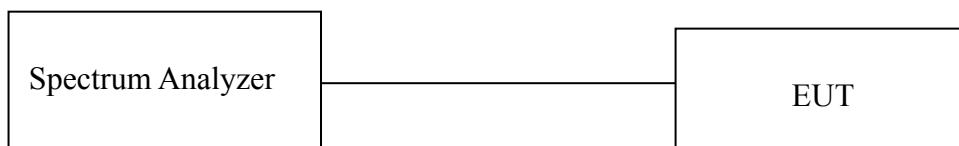


6. CONDUCTED BAND EDGE

6.1. Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

6.2. Test Setup



6.3. Spectrum Analyzer Setting

| Spectrum Parameters | Setting |
|---------------------|---|
| RBW | 100KHz |
| VBW | 300KHz |
| Span | 100MHz(20MHz Bandwidth mode)/200MHz(40MHz Bandwidth mode) |
| Sweep Time | Auto |
| Detector | Peak |
| Trace Mode | Max Hold |

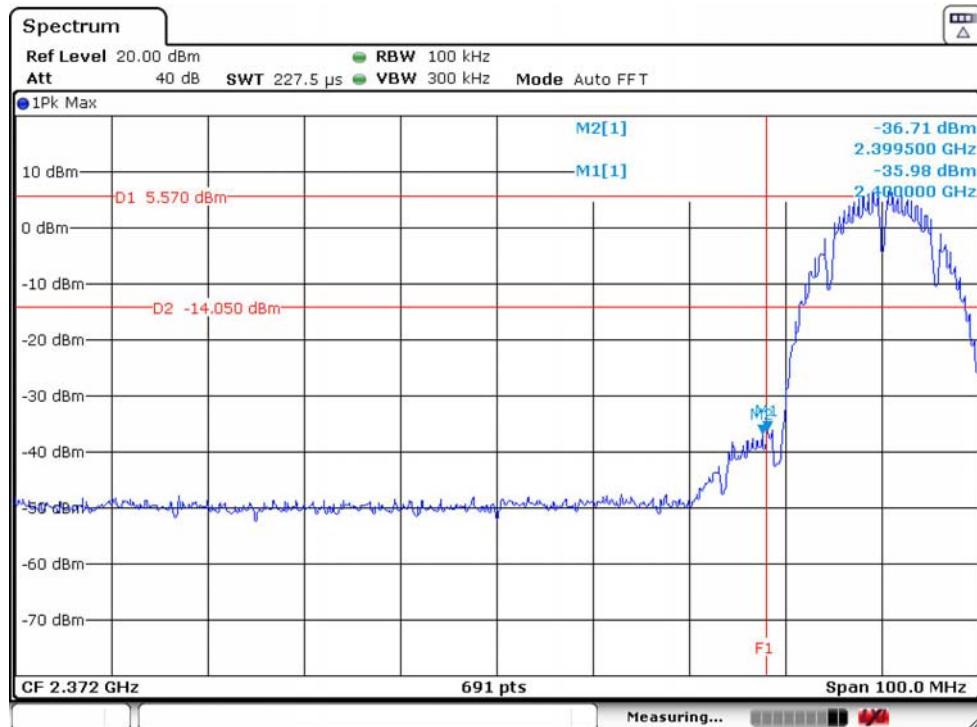
6.4. Test Procedure

- Connect EUT antenna terminal to the spectrum analyzer with RF cable.
- Spectrum analyzer setting parameters in accordance with section 6.3.
- Set the EUT transmit continuously with maximum output power.
- Allow trace to stabilize, use the marker function to mark the highest emission level outside the authorized band.
- Repeat above procedures until all modes and channels were measured.
- Record the results in the test report.

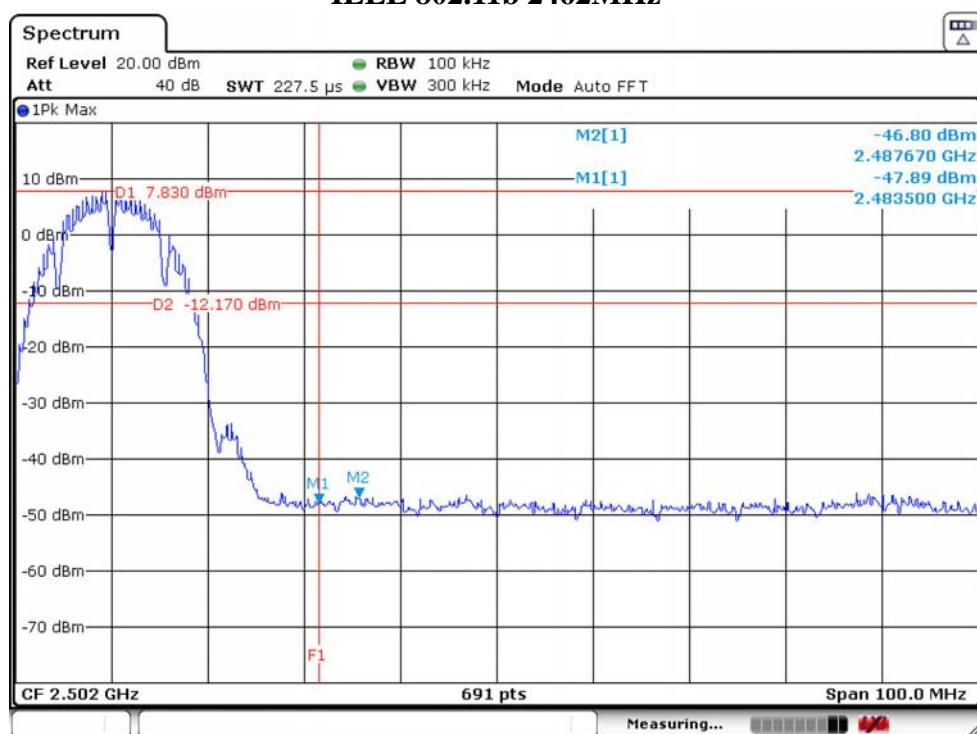
6.5. Test Result

| | | | | | |
|-------------|------|-------------------|-----|--------------|-----------|
| Temperature | 24°C | Relative Humidity | 53% | Test Voltage | 120V/60Hz |
| Result | PASS | | | | |

IEEE 802.11b 2412MHz



IEEE 802.11b 2462MHz



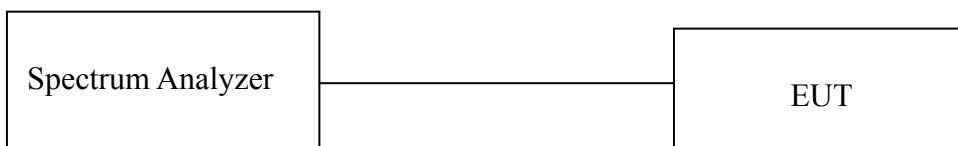
All modulations are all tested ,only worse case is reported

7. CONDUCTED SPURIOUS EMISSIONS

7.1. Limit

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c)).

7.2. Test Setup



7.3. Spectrum Analyzer Setting

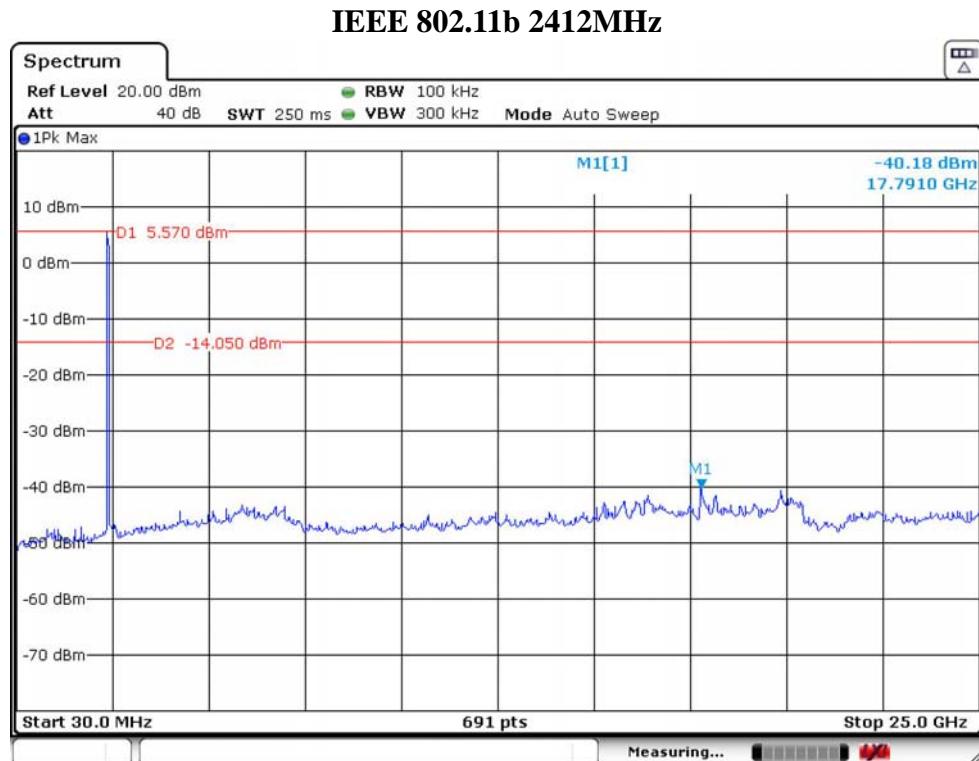
| Spectrum Parameters | Setting |
|---------------------|----------|
| RBW | 100KHz |
| VBW | 300KHz |
| Start frequency | 30MHz |
| Stop frequency | 25GHz |
| Sweep Time | Auto |
| Detector | Peak |
| Trace Mode | Max Hold |

7.4. Test Procedure

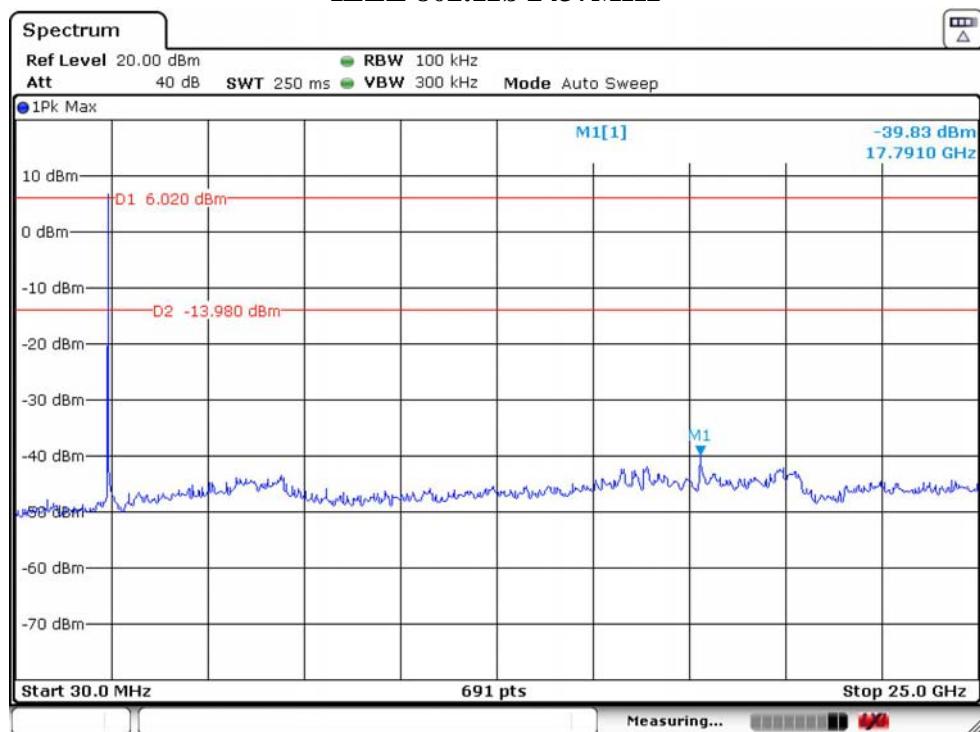
- Connect EUT antenna terminal to the spectrum analyzer with RF cable.
- Spectrum analyzer setting parameters in accordance with section 7.3.
- Set the EUT transmit continuously with maximum output power.
- Allow trace to stabilize, use the marker function to mark the highest emission level outside the authorized band.
- Repeat above procedures until all modes and channels were measured.
- Record the results in the test report.

7.5. Test Result

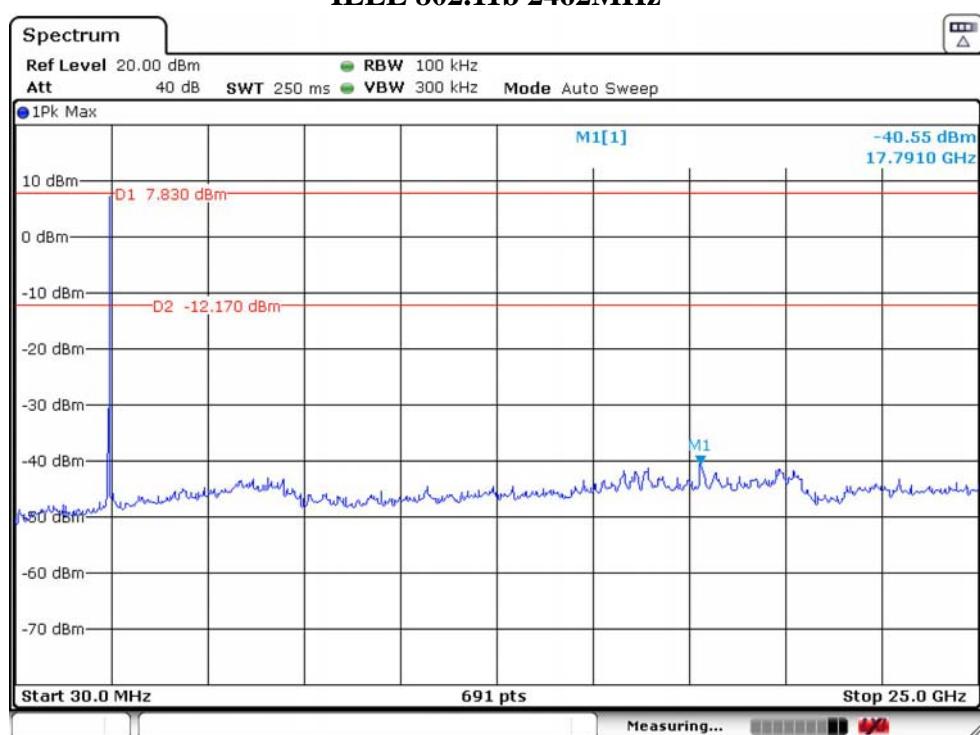
| | | | | | |
|-------------|------|-------------------|-----|--------------|-----------|
| Temperature | 24°C | Relative Humidity | 53% | Test Voltage | 120V/60Hz |
| Result | PASS | | | | |



IEEE 802.11b 2437MHz



IEEE 802.11b 2462MHz



All modulations are all tested ,only worse case is reported

8. RADIATED SPURIOUS EMISSIONS AND BAND EDGE

8.1. Limit

All the emissions appearing within 15.205 restricted frequency bands shall not exceed the limits shown in 15.209, all the other emissions shall be at least 20dB below the fundamental emissions, or comply with 15.209 limits.

15.205 Restricted frequency band

| MHz | MHz | MHz | GHz |
|----------------------------|-----------------------|-----------------|------------------|
| 0.090 - 0.110 | 16.42 - 16.423 | 399.9 - 410 | 4.5 - 5.15 |
| ¹ 0.495 - 0.505 | 16.69475 - 16.69525 | 608 - 614 | 5.35 - 5.46 |
| 2.1735 - 2.1905 | 16.80425 - 16.80475 | 960 - 1240 | 7.25 - 7.75 |
| 4.125 - 4.128 | 25.5 - 25.67 | 1300 - 1427 | 8.025 - 8.5 |
| 4.17725 - 4.17775 | 37.5 - 38.25 | 1435 - 1626.5 | 9.0 - 9.2 |
| 4.20725 - 4.20775 | 73 - 74.6 | 1645.5 - 1646.5 | 9.3 - 9.5 |
| 6.215 - 6.218 | 74.8 - 75.2 | 1660 - 1710 | 10.6 - 12.7 |
| 6.26775 - 6.26825 | 108 - 121.94 | 1718.8 - 1722.2 | 13.25 - 13.4 |
| 6.31175 - 6.31225 | 123 - 138 | 2200 - 2300 | 14.47 - 14.5 |
| 8.291 - 8.294 | 149.9 - 150.05 | 2310 - 2390 | 15.35 - 16.2 |
| 8.362 - 8.366 | 156.52475 - 156.52525 | 2483.5 - 2500 | 17.7 - 21.4 |
| 8.37625 - 8.38675 | 156.7 - 156.9 | 2690 - 2900 | 22.01 - 23.12 |
| 8.41425 - 8.41475 | 162.0125 - 167.17 | 3260 - 3267 | 23.6 - 24.0 |
| 12.29 - 12.293 | 167.72 - 173.2 | 3332 - 3339 | 31.2 - 31.8 |
| 12.51975 - 12.52025 | 240 - 285 | 3345.8 - 3358 | 36.43 - 36.5 |
| 12.57675 - 12.57725 | 322 - 335.4 | 3600 - 4400 | (²) |

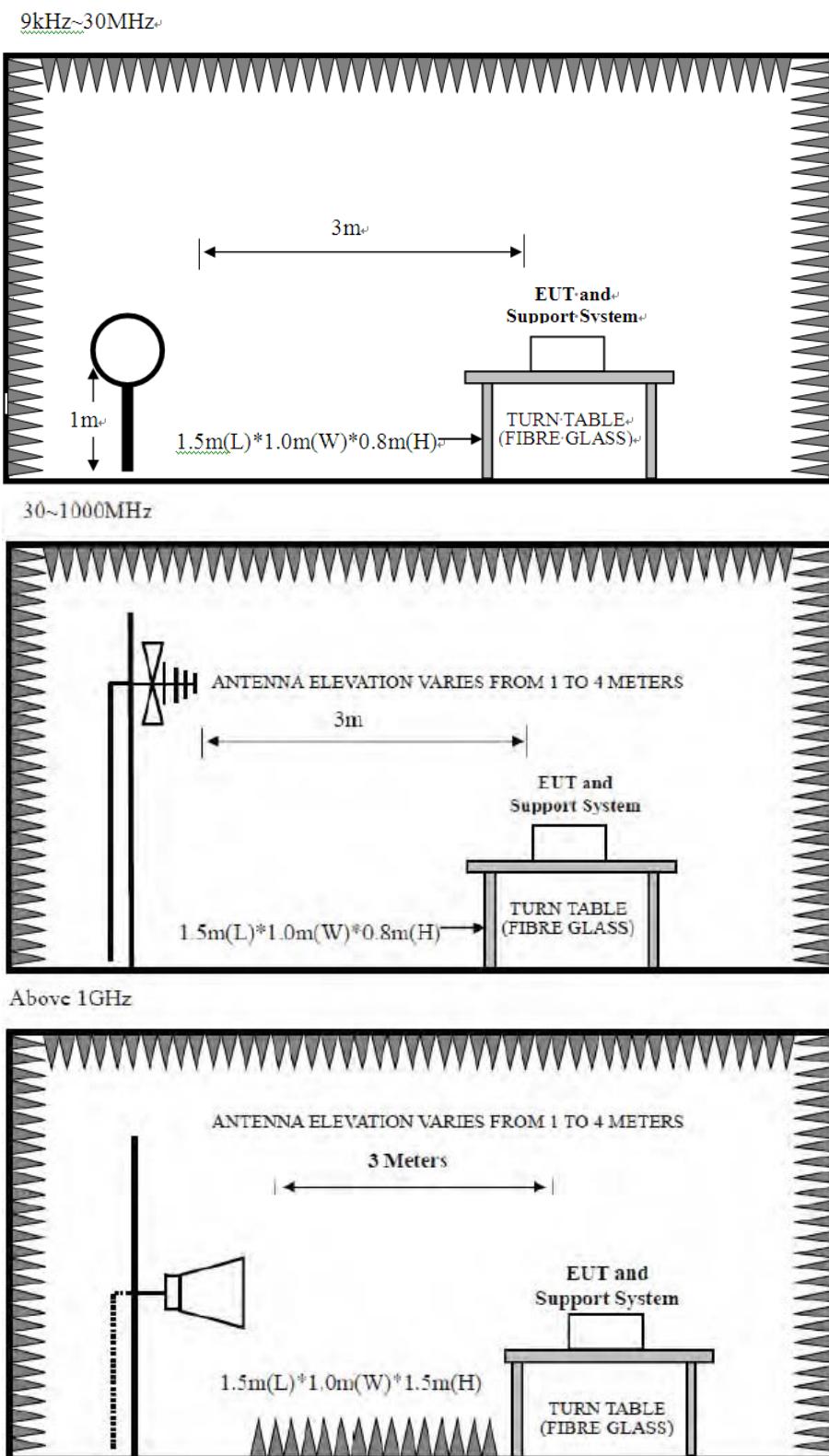
15.209 Limit

| Frequency (MHz) | Field Strength(μV/m) | Distance(m) |
|-----------------|----------------------|-------------|
| 0.009-0.490 | 2400/F(kHz) | 300 |
| 0.490-1.705 | 24000/F(kHz) | 30 |
| 1.705-30 | 30 | 30 |
| 30-88 | 100 | 3 |
| 88-216 | 150 | 3 |
| 216-960 | 200 | 3 |
| Above 960 | 500 | 3 |

Note:

- (1) Emission level dB μ V = 20 log Emission level μ V/m.
- (2) The smaller limit shall apply at the cross point between two frequency bands.
- (3) Distance is the distance in meters between the measuring instrument,antenna and the closest point of any part of the device or system.

8.2. Test setup



8.3. Spectrum Analyzer Setting

For 9KHz-150KHz

| Spectrum Parameters | Setting |
|---------------------|---|
| RBW | 300Hz(for Peak&AVG)/CISPR 200Hz(for QP) |
| VBW | 300Hz(for Peak&AVG)/CISPR 200Hz(for QP) |
| Start frequency | 9KHz |
| Stop frequency | 150KHz |
| Sweep Time | Auto |
| Detector | PEAK/QP/AVG |
| Trace Mode | Max Hold |

For 150KHz-30MHz

| Spectrum Parameters | Setting |
|---------------------|----------|
| RBW | 9KHz |
| VBW | 9KHz |
| Start frequency | 150KHz |
| Stop frequency | 30MHz |
| Sweep Time | Auto |
| Detector | QP |
| Trace Mode | Max Hold |

For 30MHz-1GHz

| Spectrum Parameters | Setting |
|---------------------|----------|
| RBW | 120KHz |
| VBW | 300KHz |
| Start frequency | 30MHz |
| Stop frequency | 1GHz |
| Sweep Time | Auto |
| Detector | QP |
| Trace Mode | Max Hold |

For Above 1GHz

| Spectrum Parameters | Setting | |
|---------------------|------------------|---|
| RBW | 1MHz | |
| VBW | PEAK Measurement | AVG Measurement |
| | 3MHz | Duty cycle $\geq 98\%$, VBW=10Hz Duty cycle $< 98\%$, VBW $\geq 1/T$ |
| Start frequency | 1GHz | |
| Stop frequency | 25GHz | |
| Sweep Time | Auto | |
| Detector | PEAK | |
| Trace Mode | Max Hold | |

Note :

1. T is the on-time time of the duty cycle, when EUT transmit continuously with maximum output power, unit is seconds. reference section 2.8 for the on-time time.

8.4. Test Procedure

- a. EUT was placed on a turn table, which is 0.8 meter high above ground for below 1GHz test, and which is 1.5 meter high above ground for above 1GHz test.
- b. EUT is set 3 meters away from the receiving antenna, which is mounted on a antenna tower.
- c. Set the EUT transmit continuously with maximum output power.
- d. The turn table can rotate 360 degrees to determine the position of the maximum emission level.
- e. The antenna can be moved up and down between 1 meter and 4 meters to find out the maximum emission level. Both horizontal and vertical polarization of the antenna are set on test.
- f. Spectrum analyzer setting parameters in accordance with section 8.3.
- g. Repeat above procedures until all channels were measured.
- h. Record the results in the test report.

Note:

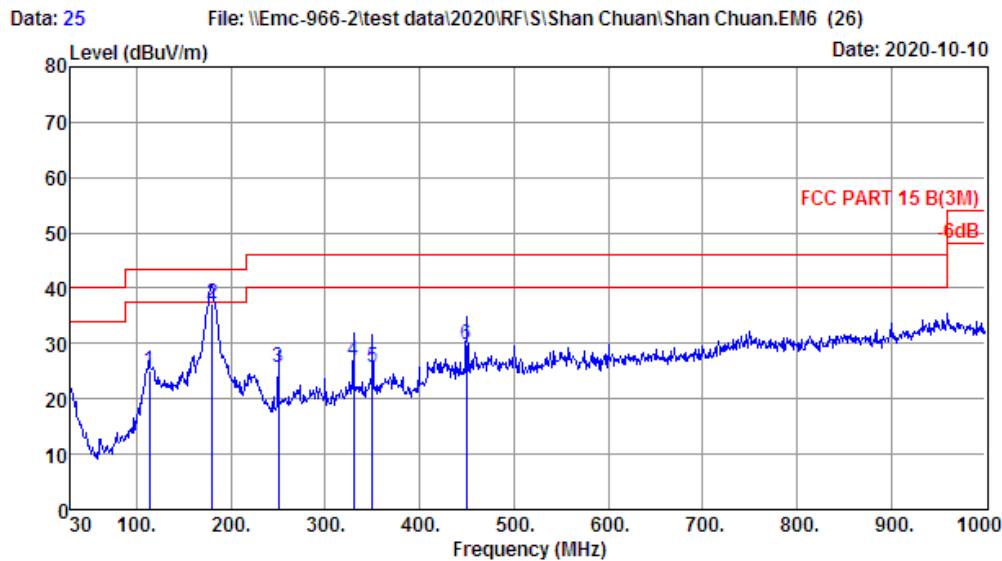
1. For emissions above 1GHz, if peak level comply with average limit, then the average level is deemed to comply with average limit.
2. The frequency 2412MHz/2422MHz/2437MHz/2452MHz/2462MHz are fundamental frequency, which no limit, the limit on plots is automatically generated by the software, it's not fundamental limit, we can't remove it.
3. All modulation have been tested, only worse case 802.11b is reported.

8.5. Test Result

Radiated Emissions Below 1GHz

EST Technology

Chilingxiang, Qishantou, Santun,
Houjie, Dongguan, Guangdong, China
Tel: +86-769-83081888
Fax: +86-769-83081878



Site no. : 2# 966 chamber Data no. : 25
 Dis. / Ant. : 3m 47018 Ant. pol. : HORIZONTAL
 Limit : FCC PART 15 B(3M)
 Env. / Ins. : Temp:23.2';Humi:52.5%;Press:101.52kPa
 Engineer : Frank
 EUT : Robot vacuum cleaner
 Power : DC 20V From Adapter Input AC 120V/60Hz
 M/N : LDS M6 PRO
 Test Mode : TX Mode

| | Freq. (MHz) | ANT Factor (dB/m) | Cable Loss (dB) | Emission Reading (dBuV) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|----------------|-------------------------|-----------------------|-------------------------------|-------------------------------|-------------------|----------------|--------|
| 1 | 113.42 | 11.23 | 0.84 | 13.00 | 25.07 | 43.50 | 18.43 | QP |
| 2 | 180.35 | 8.76 | 1.08 | 27.50 | 37.34 | 43.50 | 6.16 | QP |
| 3 | 250.19 | 12.22 | 1.44 | 12.10 | 25.76 | 46.00 | 20.24 | QP |
| 4 | 329.73 | 14.06 | 1.70 | 11.12 | 26.88 | 46.00 | 19.12 | QP |
| 5 | 350.10 | 14.41 | 1.82 | 9.42 | 25.65 | 46.00 | 20.35 | QP |
| 6 | 450.01 | 16.82 | 2.17 | 10.89 | 29.88 | 46.00 | 16.12 | QP |

Remarks: 1. Emission Level = Antenna Factor + Cable Loss + Reading.
 2. Margin = Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

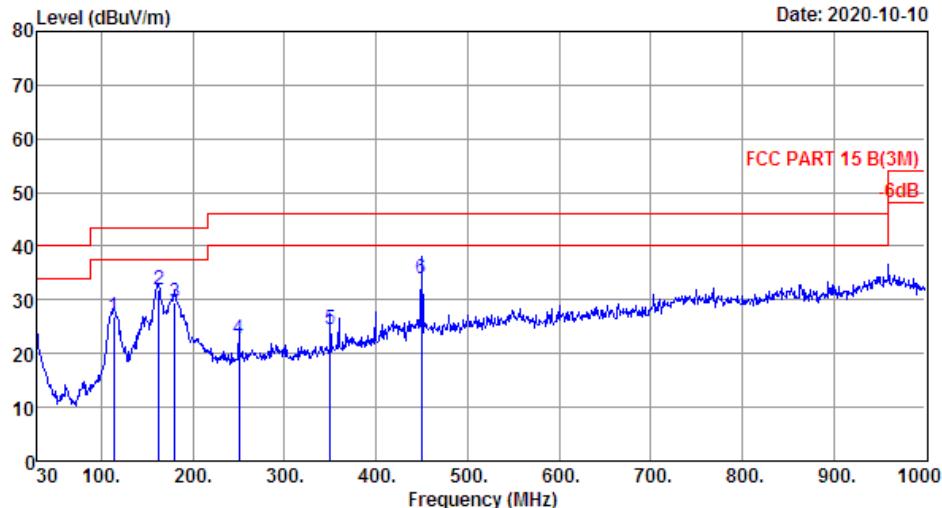
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Data: 26

File: \\Emc-966-2\\test data\\2020\\RF\\S\\Shan Chuan\\Shan Chuan.EM6 (26)

Date: 2020-10-10



Site no. : 2# 966 chamber Data no. : 26
 Dis. / Ant. : 3m 47018 Ant. pol. : VERTICAL
 Limit : FCC PART 15 B(3M)
 Env. / Ins. : Temp:23.2';Humi:52.5%;Press:101.52kPa
 Engineer : Frank
 EUT : Robot vacuum cleaner
 Power : DC 20V From Adapter Input AC 120V/60Hz
 M/N : LDS M6 PRO
 Test Mode : TX Mode

| Freq. (MHz) | ANT Factor (dB/m) | Cable Loss (dB) | Emission | | | | Remark |
|----------------|-------------------------|-----------------------|-------------------|-------------------|-------------------|----------------|--------|
| | | | Reading (dBuV) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | |
| 1 113.42 | 11.23 | 0.84 | 14.65 | 26.72 | 43.50 | 16.78 | QP |
| 2 162.89 | 9.77 | 1.05 | 20.98 | 31.80 | 43.50 | 11.70 | QP |
| 3 180.35 | 8.76 | 1.08 | 19.66 | 29.50 | 43.50 | 14.00 | QP |
| 4 250.19 | 12.22 | 1.44 | 9.17 | 22.83 | 46.00 | 23.17 | QP |
| 5 350.10 | 14.41 | 1.82 | 8.28 | 24.51 | 46.00 | 21.49 | QP |
| 6 450.01 | 16.82 | 2.17 | 15.05 | 34.04 | 46.00 | 11.96 | QP |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

Note:

1. The amplitude of 9KHz to 30MHz spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.
2. All channels had been pre-test, only the worst case was reported.

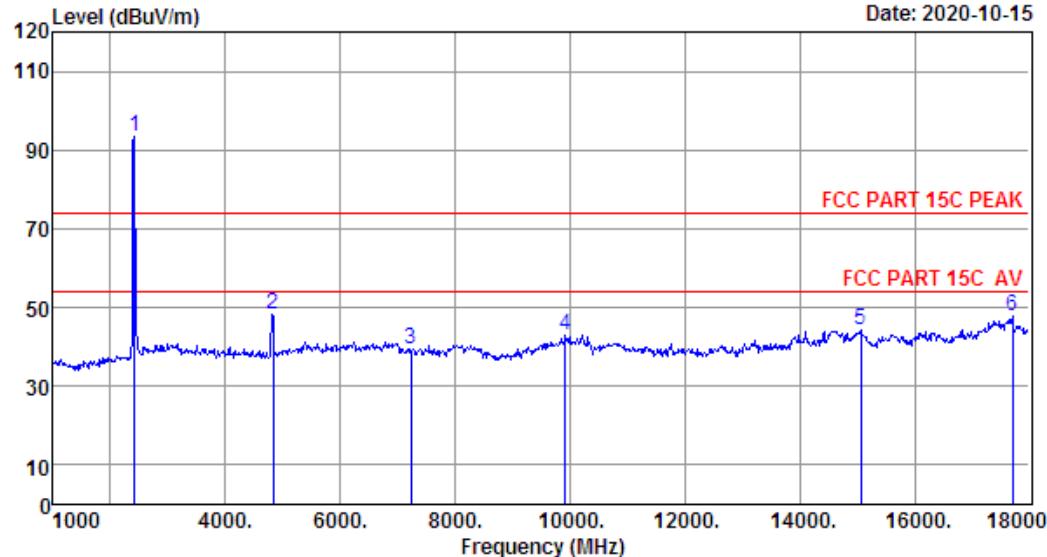
Radiated Emissions Above 1G**EST Technology**

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Data: 1

File: \Emc-966-1\test data\2020\RF\S\Shan Chuan\LDS M6 PRO.EM6 (10)

Date: 2020-10-15



Site no. : 1# 966 Chamber Data no. : 1
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:25.2';Humi:51%;Press:101.72kPa
 Engineer : Duo
 EUT : Robot Vacuum Cleaner
 Power : DC 20V From Adapter Input AC 120V/60Hz
 M/N : LDS M6 PRO
 Test Mode : IEEE 802.11b TX 2412MHz

| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Amp Factor (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|--------------------------|-----------------------|-----------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 2412.00 | 27.28 | 1.46 | 34.64 | 99.32 | 93.42 | 74.00 | -19.42 | Peak |
| 2 4824.00 | 31.18 | 3.26 | 34.67 | 48.71 | 48.48 | 74.00 | 25.52 | Peak |
| 3 7236.00 | 36.28 | 5.20 | 34.82 | 32.92 | 39.58 | 74.00 | 34.42 | Peak |
| 4 9925.00 | 38.76 | 5.84 | 34.21 | 32.50 | 42.89 | 74.00 | 31.11 | Peak |
| 5 15059.00 | 40.84 | 6.77 | 34.58 | 31.23 | 44.26 | 74.00 | 29.74 | Peak |
| 6 17711.00 | 46.59 | 8.05 | 34.33 | 27.63 | 47.94 | 74.00 | 26.06 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

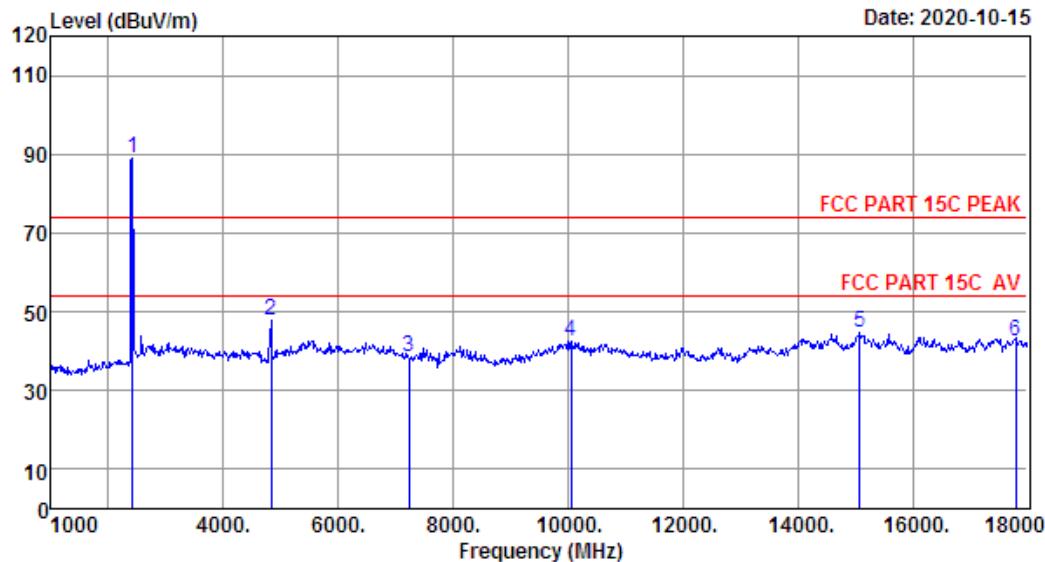
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Data: 2

File: \Emc-966-1\test data\2020\RF\S\Shan Chuan\LDS M6 PRO.EM6 (10)

Date: 2020-10-15



Site no. : 1# 966 Chamber Data no. : 2
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:25.2';Humi:51%;Press:101.72kPa
 Engineer : Duo
 EUT : Robot Vacuum Cleaner
 Power : DC 20V From Adapter Input AC 120V/60Hz
 M/N : LDS M6 PRO
 Test Mode : IEEE 802.11b TX 2412MHz

| | | Ant. | Cable | Amp | | Emission | | | |
|-------|----------|--------|-------|--------|----------|----------|----------|--------|--------|
| Freq. | | Factor | Loss | Factor | Reading | Level | Limits | Margin | Remark |
| (MHz) | (dB/m) | (dB) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 2412.00 | 27.28 | 1.46 | 34.64 | 94.82 | 88.92 | 74.00 | -14.92 | Peak |
| 2 | 4824.00 | 31.18 | 3.26 | 34.67 | 47.94 | 47.71 | 74.00 | 26.29 | Peak |
| 3 | 7236.00 | 36.28 | 5.20 | 34.82 | 32.01 | 38.67 | 74.00 | 35.33 | Peak |
| 4 | 10061.00 | 38.97 | 5.91 | 34.22 | 31.89 | 42.55 | 74.00 | 31.45 | Peak |
| 5 | 15076.00 | 40.82 | 6.76 | 34.57 | 31.66 | 44.67 | 74.00 | 29.33 | Peak |
| 6 | 17796.00 | 47.27 | 8.11 | 34.32 | 21.55 | 42.61 | 74.00 | 31.39 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

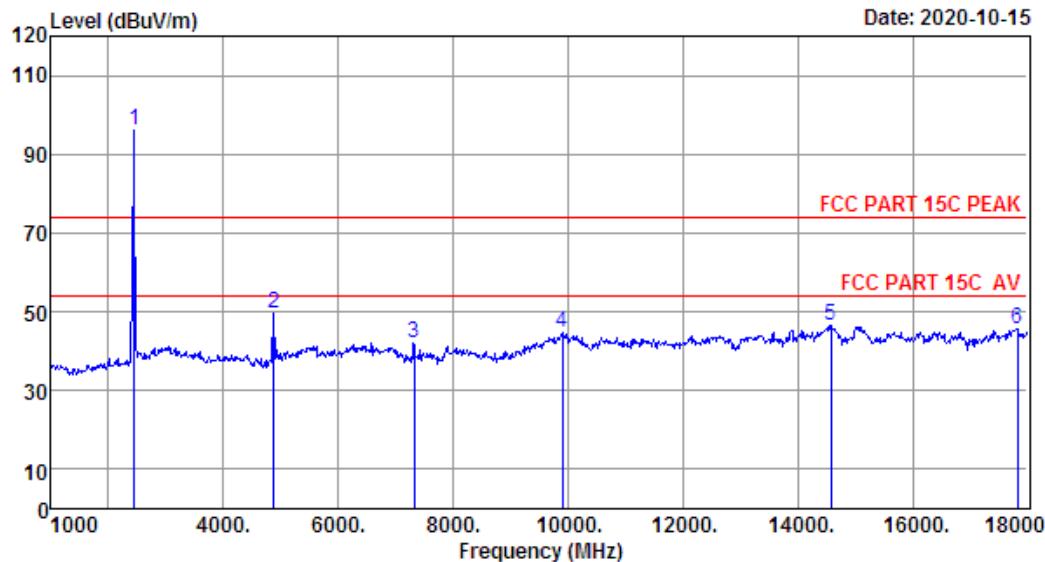
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Data: 3

File: \Emc-966-1\test data\2020\RF\S\Shan Chuan\LDS M6 PRO.EM6 (10)

Date: 2020-10-15



Site no. : 1# 966 Chamber Data no. : 3
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:25.2';Humi:51%;Press:101.72kPa
 Engineer : Duo
 EUT : Robot Vacuum Cleaner
 Power : DC 20V From Adapter Input AC 120V/60Hz
 M/N : LDS M6 PRO
 Test Mode : IEEE 802.11b TX 2437MHz

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Amp Factor (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|---|----------------|--------------------------|-----------------------|-----------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 2441.00 | 27.33 | 1.47 | 34.62 | 101.82 | 96.00 | 74.00 | -22.00 | Peak |
| 2 | 4882.00 | 31.37 | 3.31 | 34.68 | 49.81 | 49.81 | 74.00 | 24.19 | Peak |
| 3 | 7323.00 | 36.46 | 5.22 | 34.83 | 35.41 | 42.26 | 74.00 | 31.74 | Peak |
| 4 | 9908.00 | 38.73 | 5.82 | 34.22 | 34.24 | 44.57 | 74.00 | 29.43 | Peak |
| 5 | 14583.00 | 40.98 | 6.89 | 34.47 | 33.20 | 46.60 | 74.00 | 27.40 | Peak |
| 6 | 17830.00 | 47.54 | 8.13 | 34.32 | 24.26 | 45.61 | 74.00 | 28.39 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

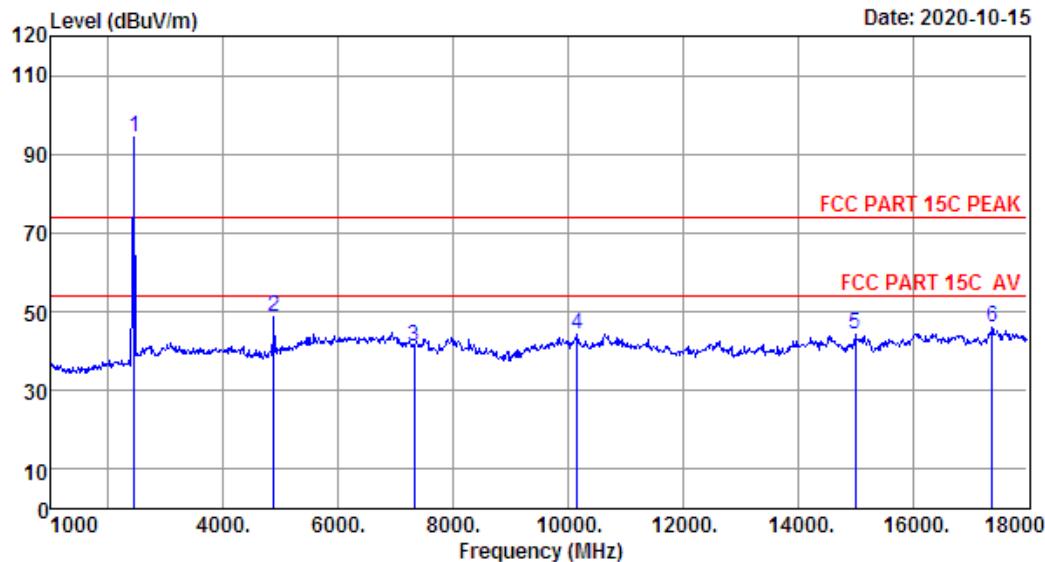
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Data: 4

File: \Emc-966-1\test data\2020\RF\S\Shan Chuan\LDS M6 PRO.EM6 (10)

Date: 2020-10-15



Site no. : 1# 966 Chamber Data no. : 4
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:25.2';Humi:51%;Press:101.72kPa
 Engineer : Duo
 EUT : Robot Vacuum Cleaner
 Power : DC 20V From Adapter Input AC 120V/60Hz
 M/N : LDS M6 PRO
 Test Mode : IEEE 802.11b TX 2437MHz

| | | Ant. | Cable | Amp | | Emission | | | |
|-------|----------|--------|-------|--------|---------|----------|----------|--------|--------|
| Freq. | | Factor | Loss | Factor | Reading | Level | Limits | Margin | Remark |
| (MHz) | | (dB/m) | (dB) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 2441.00 | 27.33 | 1.47 | 34.62 | 100.13 | 94.31 | 74.00 | -20.31 | Peak |
| 2 | 4882.00 | 31.37 | 3.31 | 34.68 | 48.87 | 48.87 | 74.00 | 25.13 | Peak |
| 3 | 7323.00 | 36.46 | 5.22 | 34.83 | 34.55 | 41.40 | 74.00 | 32.60 | Peak |
| 4 | 10163.00 | 39.07 | 5.93 | 34.25 | 33.38 | 44.13 | 74.00 | 29.87 | Peak |
| 5 | 15008.00 | 40.90 | 6.81 | 34.60 | 30.97 | 44.08 | 74.00 | 29.92 | Peak |
| 6 | 17388.00 | 44.02 | 7.80 | 34.36 | 28.58 | 46.04 | 74.00 | 27.96 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

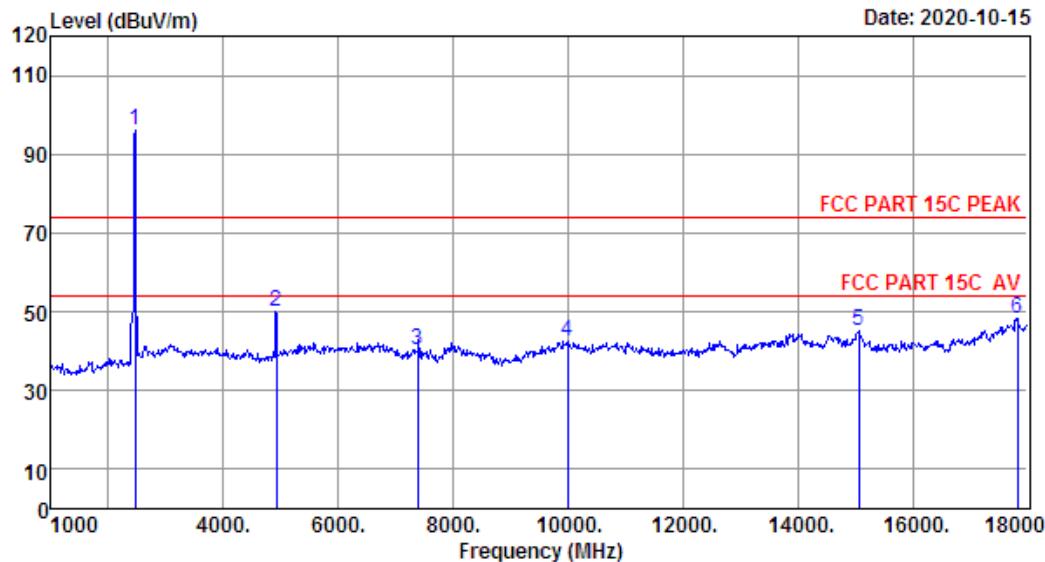
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Data: 5

File: \Emc-966-1\test data\2020\RF\S\Shan Chuan\LDS M6 PRO.EM6 (10)

Date: 2020-10-15



Site no. : 1# 966 Chamber Data no. : 5
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:25.2';Humi:51%;Press:101.72kPa
 Engineer : Duo
 EUT : Robot Vacuum Cleaner
 Power : DC 20V From Adapter Input AC 120V/60Hz
 M/N : LDS M6 PRO
 Test Mode : IEEE 802.11b TX 2462MHz

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Amp Factor (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|---|----------------|--------------------------|-----------------------|-----------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 2462.00 | 27.35 | 1.48 | 34.62 | 101.84 | 96.05 | 74.00 | -22.05 | Peak |
| 2 | 4924.00 | 31.55 | 3.35 | 34.69 | 49.81 | 50.02 | 74.00 | 23.98 | Peak |
| 3 | 7386.00 | 36.59 | 5.24 | 34.84 | 33.29 | 40.28 | 74.00 | 33.72 | Peak |
| 4 | 9993.00 | 38.90 | 5.89 | 34.20 | 31.90 | 42.49 | 74.00 | 31.51 | Peak |
| 5 | 15059.00 | 40.84 | 6.77 | 34.58 | 32.02 | 45.05 | 74.00 | 28.95 | Peak |
| 6 | 17830.00 | 47.54 | 8.13 | 34.32 | 27.01 | 48.36 | 74.00 | 25.64 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

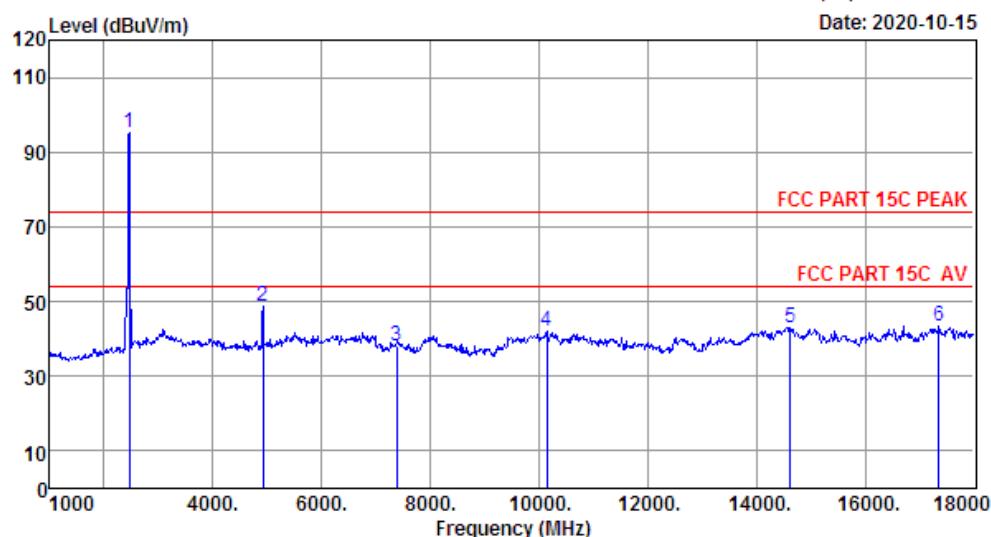
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Data: 6

File: \\Emc-966-1\\test data\\2020\\RF\\S\\Shan Chuan\\LDS M6 PRO.EM6 (10)

Date: 2020-10-15



Site no. : 1# 966 Chamber Data no. : 6
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:25.2';Humi:51%;Press:101.72kPa
 Engineer : Duo
 EUT : Robot Vacuum Cleaner
 Power : DC 20V From Adapter Input AC 120V/60Hz
 M/N : LDS M6 PRO
 Test Mode : IEEE 802.11b TX 2462MHz

| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Amp Factor (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|----------------|--------------------------|-----------------------|-----------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 2462.00 | 27.35 | 1.48 | 34.62 | 101.02 | 95.23 | 74.00 | -21.23 | Peak |
| 2 4924.00 | 31.55 | 3.35 | 34.69 | 48.71 | 48.92 | 74.00 | 25.08 | Peak |
| 3 7386.00 | 36.59 | 5.24 | 34.84 | 31.24 | 38.23 | 74.00 | 35.77 | Peak |
| 4 10146.00 | 39.05 | 5.93 | 34.25 | 31.23 | 41.96 | 74.00 | 32.04 | Peak |
| 5 14617.00 | 40.98 | 6.88 | 34.48 | 29.74 | 43.12 | 74.00 | 30.88 | Peak |
| 6 17354.00 | 43.75 | 7.77 | 34.36 | 26.33 | 43.49 | 74.00 | 30.51 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

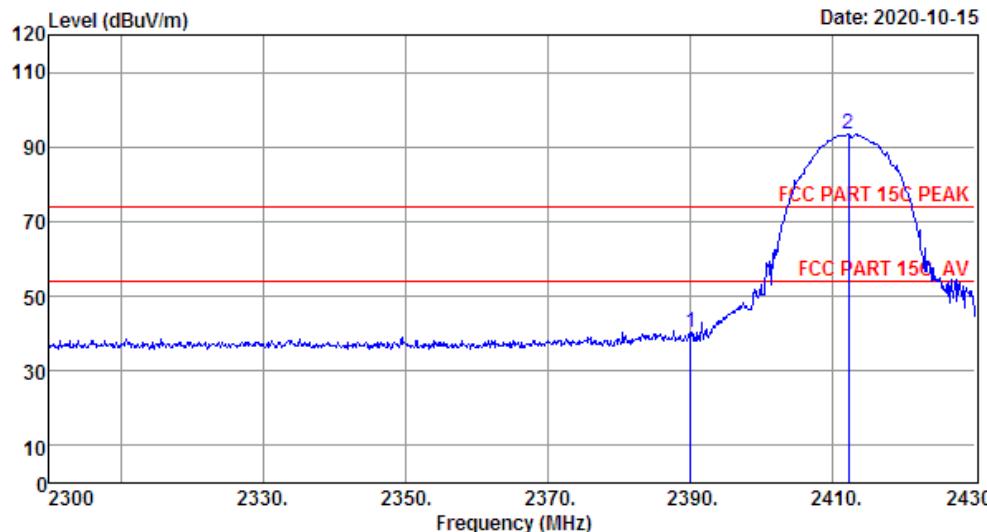
Note:

1. The amplitude of 18GHz to 25GHz spurious emission that is attenuated by more than 20dB below the permissible limit has no need to be reported.

Radiated Band Edge**EST Technology**

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Data: 7 File: \\Emc-966-1\\test data\\2020\\RF\\S\\Shan Chuan\\LDS M6 PRO.EM6 (10)



Site no. : 1# 966 Chamber Data no. : 7
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:25.2';Humi:51%;Press:101.72kPa
 Engineer : Duo
 EUT : Robot Vacuum Cleaner
 Power : DC 20V From Adapter Input AC 120V/60Hz
 M/N : LDS M6 PRO
 Test Mode : IEEE 802.11b TX 2412MHz

| Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Amp Factor (dB) | Reading (dBuV) | Emission | | | |
|----------------|--------------------------|-----------------------|-----------------------|-------------------|-------------------|--------------------|----------------|--------|
| | | | | | Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
| 1 2390.00 | 27.26 | 1.45 | 34.64 | 46.39 | 40.46 | 74.00 | 33.54 | Peak |
| 2 2412.19 | 27.28 | 1.46 | 34.64 | 99.41 | 93.51 | 74.00 | -19.51 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.

2. Margin= Limit - Emission Level.

3. The emission levels that are 20dB below the official limit are not reported.

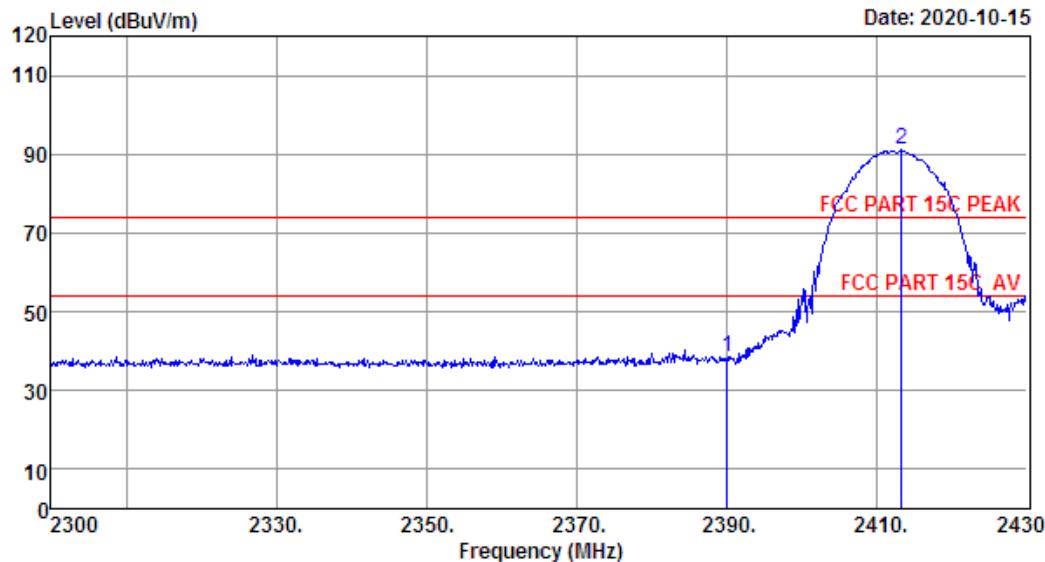
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Data: 8

File: \\Emc-966-1\\test data\\2020\\RF\\S\\Shan Chuan\\LDS M6 PRO.EM6 (10)

Date: 2020-10-15



Site no. : 1# 966 Chamber Data no. : 8
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:25.2';Humi:51%;Press:101.72kPa
 Engineer : Duo
 EUT : Robot Vacuum Cleaner
 Power : DC 20V From Adapter Input AC 120V/60Hz
 M/N : LDS M6 PRO
 Test Mode : IEEE 802.11b TX 2412MHz

| | | Ant. | Cable | Amp | | Emission | | | |
|-------|---------|--------|-------|--------|---------|----------|----------|--------|--------|
| Freq. | | Factor | Loss | Factor | Reading | Level | Limits | Margin | Remark |
| (MHz) | | (dB/m) | (dB) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | |
| 1 | 2390.00 | 27.26 | 1.45 | 34.64 | 44.34 | 38.41 | 74.00 | 35.59 | Peak |
| 2 | 2413.23 | 27.28 | 1.46 | 34.64 | 96.92 | 91.02 | 74.00 | -17.02 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.

2. Margin= Limit - Emission Level.

3. The emission levels that are 20dB below the official limit are not reported.

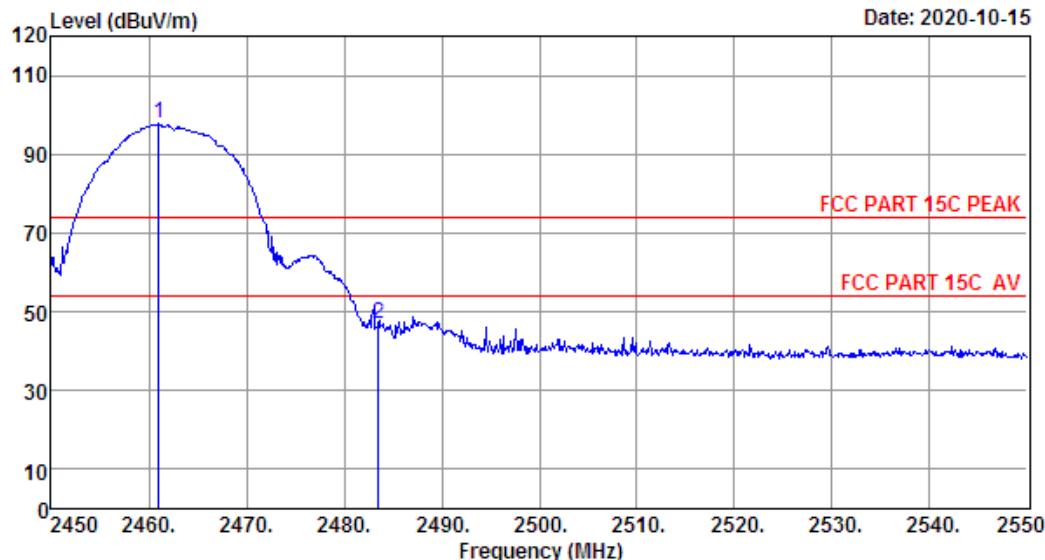
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Data: 9

File: \Emc-966-1\test data\2020\RF\S\Shan Chuan\LDS M6 PRO.EM6 (10)

Date: 2020-10-15



Site no. : 1# 966 Chamber Data no. : 9
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : HORIZONTAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:25.2';Humi:51%;Press:101.72kPa
 Engineer : Duo
 EUT : Robot Vacuum Cleaner
 Power : DC 20V From Adapter Input AC 120V/60Hz
 M/N : LDS M6 PRO
 Test Mode : IEEE 802.11b TX 2462MHz

| | | Ant. | Cable | Amp | Emission | | | | |
|-------|---------|-------|--------|---------|----------|----------|--------|--------|------|
| Freq. | Factor | Loss | Factor | Reading | Level | Limits | Margin | Remark | |
| (MHz) | (dB/m) | (dB) | (dB) | (dBuV) | (dBuV/m) | (dBuV/m) | (dB) | | |
| 1 | 2461.00 | 27.35 | 1.48 | 34.62 | 103.47 | 97.68 | 74.00 | -23.68 | Peak |
| 2 | 2483.50 | 27.38 | 1.48 | 34.61 | 52.70 | 46.95 | 74.00 | 27.05 | Peak |

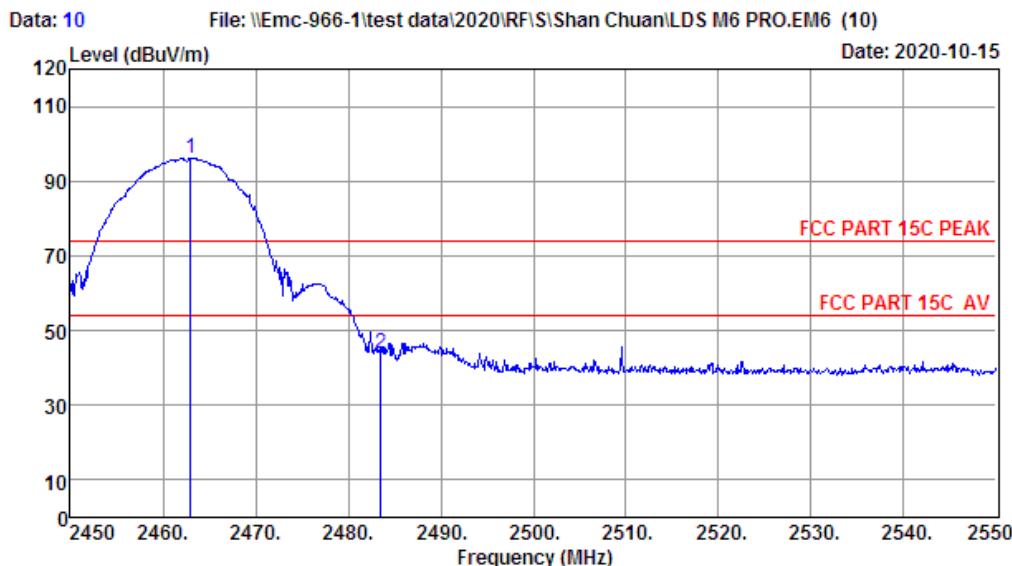
Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.

2. Margin= Limit - Emission Level.

3. The emission levels that are 20dB below the official limit are not reported.

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Site no. : 1# 966 Chamber Data no. : 10
 Dis. / Ant. : 3m ANT9120D 1-18G Ant. pol. : VERTICAL
 Limit : FCC PART 15C PEAK
 Env. / Ins. : Temp:25.2';Humi:51%;Press:101.72kPa
 Engineer : Duo
 EUT : Robot Vacuum Cleaner
 Power : DC 20V From Adapter Input AC 120V/60Hz
 M/N : LDS M6 PRO
 Test Mode : IEEE 802.11b TX 2462MHz

| | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Amp Factor (dB) | Reading (dBuV) | Emission Level (dBuV/m) | Limits (dBuV/m) | Margin (dB) | Remark |
|---|----------------|--------------------------|-----------------------|-----------------------|-------------------|-------------------------------|--------------------|----------------|--------|
| 1 | 2463.00 | 27.35 | 1.48 | 34.62 | 101.91 | 96.12 | 74.00 | -22.12 | Peak |
| 2 | 2483.50 | 27.38 | 1.48 | 34.61 | 49.68 | 43.93 | 74.00 | 30.07 | Peak |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss - Amp Factor + Reading.
 2. Margin= Limit - Emission Level.
 3. The emission levels that are 20dB below the official limit are not reported.

Note:

1. All channels had been pre-test, only of the worst case channels were reported.

9. AC POWER LINE CONDUCTED EMISSIONS

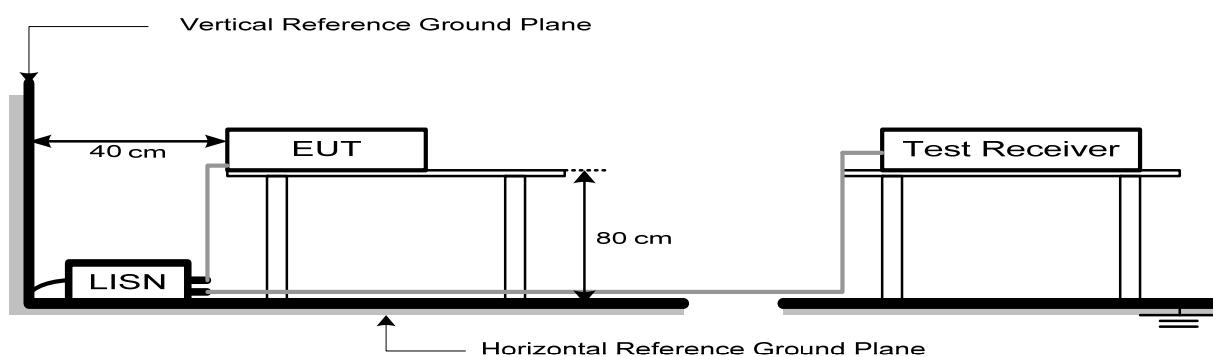
9.1. Limit

| Frequency | Maximum RF Line Voltage | |
|-----------------|----------------------------|-------------------------|
| | Quasi-Peak Level dB(μV) | Average Level dB(μV) |
| 150kHz ~ 500kHz | 66 ~ 56* | 56 ~ 46* |
| 500kHz ~ 5MHz | 56 | 46 |
| 5MHz ~ 30MHz | 60 | 50 |

Note:

1. * Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

9.2. Test Setup



9.3. Spectrum Analyzer Setting

| Spectrum Parameters | Setting |
|---------------------|----------|
| RBW | 9KHz |
| VBW | 9KHz |
| Start frequency | 150KHz |
| Stop frequency | 30MHz |
| Sweep Time | Auto |
| Detector | QP/AVG |
| Trace Mode | Max Hold |

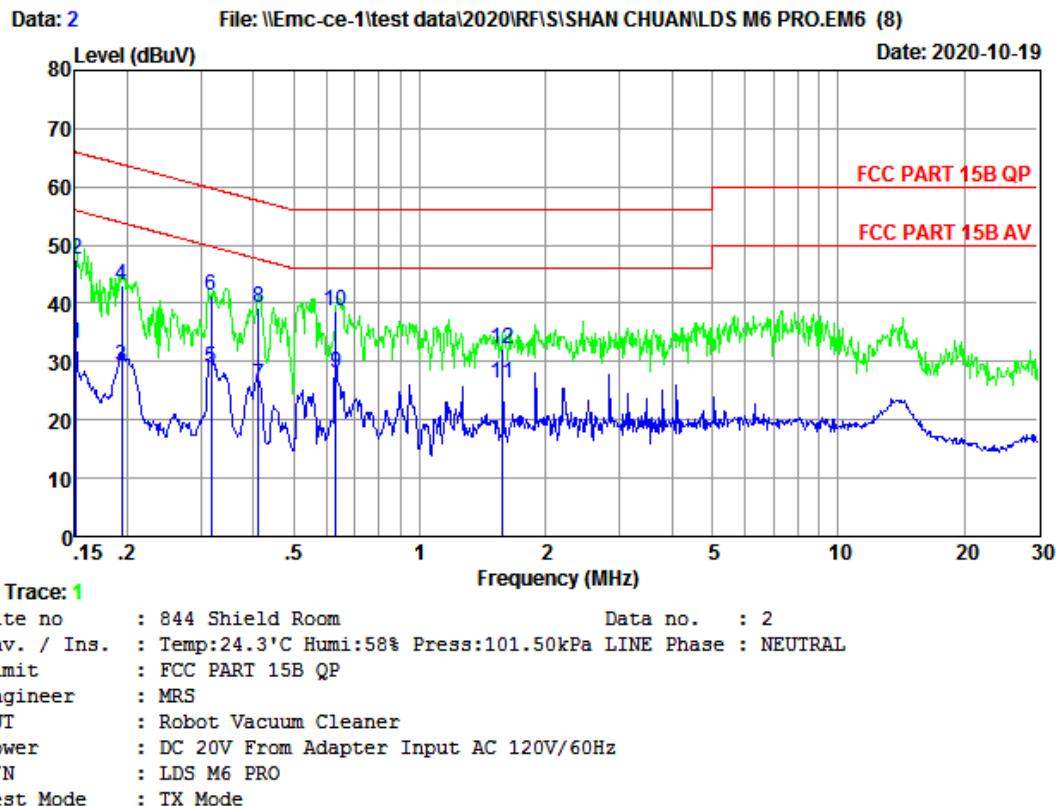
9.4. Test Procedure

- a. The EUT was placed on a non-metallic table, 80cm above the ground plane.
- b. The EUT Power connected to the power mains through a line impedance stabilization network.
- c. Provides a 50 ohm coupling impedance for the EUT (Please refer the block diagram of the test setup and photographs).
- d. Set the EUT transmit continuously with maximum output power.
- e. Spectrum analyzer setting parameters in accordance with section 9.3.
- f. The AC line are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.10: 2013 on Conducted Emission Test.
- g. Record the results in the test report.

9.5. Test Result

EST Technology

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| Freq. (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|-------------------|-----------------------------|------------------|----------------|---------|
| 1 0.1508 | 9.62 | 9.69 | 13.78 | 33.09 | 55.96 | 22.87 | Average |
| 2 0.1508 | 9.62 | 9.69 | 28.15 | 47.46 | 65.96 | 18.50 | QP |
| 3 0.1945 | 9.69 | 9.77 | 9.86 | 29.32 | 53.84 | 24.52 | Average |
| 4 0.1945 | 9.69 | 9.77 | 23.72 | 43.18 | 63.84 | 20.66 | QP |
| 5 0.3166 | 9.73 | 9.92 | 9.28 | 28.93 | 49.80 | 20.87 | Average |
| 6 0.3166 | 9.73 | 9.92 | 21.56 | 41.21 | 59.80 | 18.59 | QP |
| 7 0.4127 | 9.76 | 9.92 | 6.41 | 26.09 | 47.59 | 21.50 | Average |
| 8 0.4127 | 9.76 | 9.92 | 19.58 | 39.26 | 57.59 | 18.33 | QP |
| 9 0.6305 | 9.76 | 9.92 | 8.46 | 28.14 | 46.00 | 17.86 | Average |
| 10 0.6305 | 9.76 | 9.92 | 19.09 | 38.77 | 56.00 | 17.23 | QP |
| 11 1.5767 | 9.68 | 9.95 | 6.57 | 26.20 | 46.00 | 19.80 | Average |
| 12 1.5767 | 9.68 | 9.95 | 12.64 | 32.27 | 56.00 | 23.73 | QP |

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
 2. Margin=Limit - Emission Level.
 3. 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.

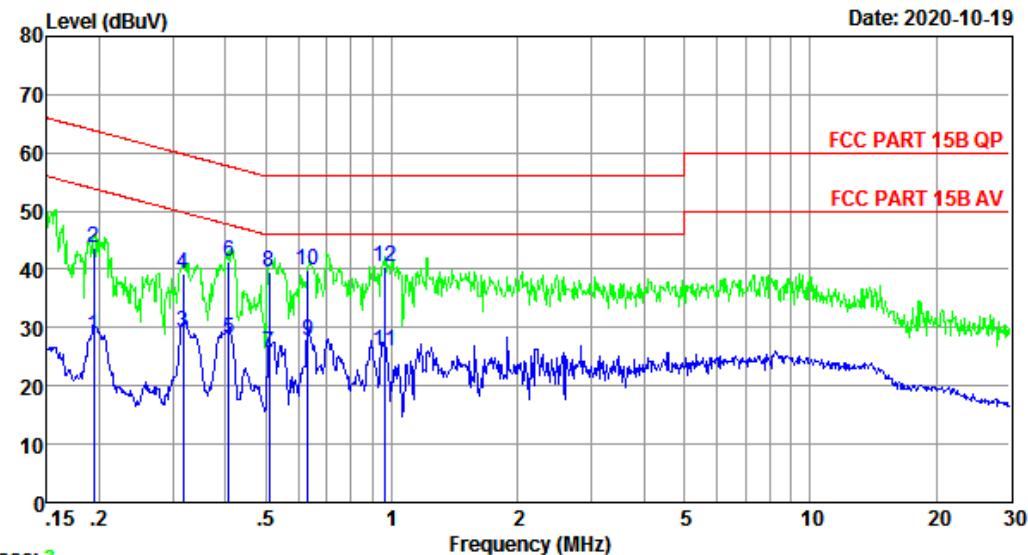
EST Technology

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Data: 4

File: \Emc-ce-1\test data\2020\RF\SHAN CHUAN LDS M6 PRO.EM6 (8)

Date: 2020-10-19



Trace: 3

Site no : 844 Shield Room Data no. : 4
 Env. / Ins. : Temp:24.3°C Humi:58% Press:101.50kPa LINE Phase : LINE
 Limit : FCC PART 15B QP
 Engineer : MRS
 EUT : Robot Vacuum Cleaner
 Power : DC 20V From Adapter Input AC 120V/60Hz
 M/N : LDS M6 PRO
 Test Mode : TX Mode

| Freq. (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|-------------------|-----------------------------|------------------|----------------|---------|
| 1 0.1945 | 9.80 | 9.77 | 9.18 | 28.75 | 53.84 | 25.09 | Average |
| 2 0.1945 | 9.80 | 9.77 | 24.22 | 43.79 | 63.84 | 20.05 | QP |
| 3 0.3166 | 9.60 | 9.92 | 9.62 | 29.14 | 49.80 | 20.66 | Average |
| 4 0.3166 | 9.60 | 9.92 | 19.72 | 39.24 | 59.80 | 20.56 | QP |
| 5 0.4083 | 9.84 | 9.92 | 8.39 | 28.15 | 47.68 | 19.53 | Average |
| 6 0.4083 | 9.84 | 9.92 | 21.56 | 41.32 | 57.68 | 16.36 | QP |
| 7 0.5101 | 9.93 | 9.92 | 5.91 | 25.76 | 46.00 | 20.24 | Average |
| 8 0.5101 | 9.93 | 9.92 | 19.65 | 39.50 | 56.00 | 16.50 | QP |
| 9 0.6305 | 9.84 | 9.92 | 8.05 | 27.81 | 46.00 | 18.19 | Average |
| 10 0.6305 | 9.84 | 9.92 | 20.12 | 39.88 | 56.00 | 16.12 | QP |
| 11 0.9582 | 9.79 | 9.94 | 6.19 | 25.92 | 46.00 | 20.08 | Average |
| 12 0.9582 | 9.79 | 9.94 | 20.65 | 40.38 | 56.00 | 15.62 | QP |

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
 2. Margin=Limit - Emission Level.
 3. 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.

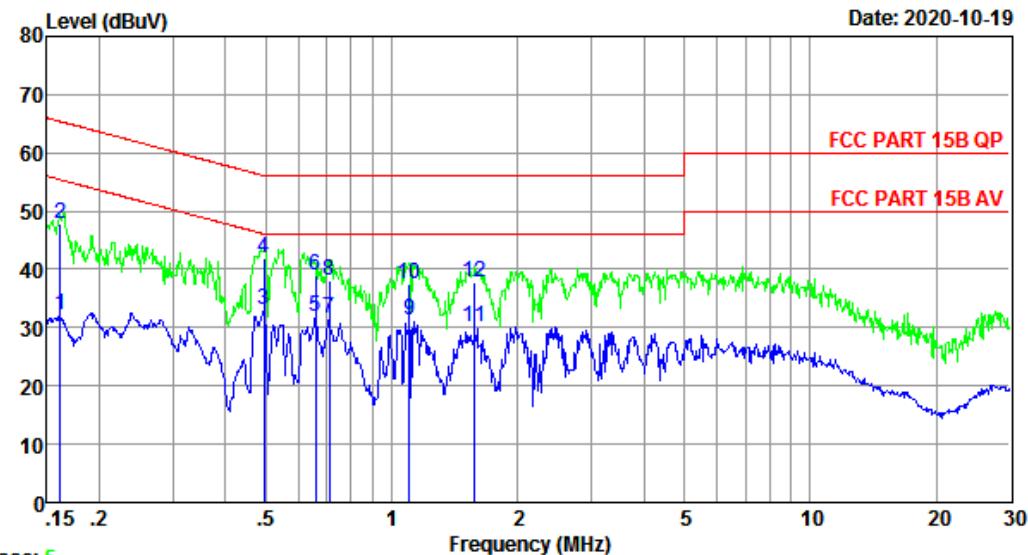
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Data: 6

File: \Emc-ce-1\test data\2020\RF\SHAN CHUAN LDS M6 PRO.EM6 (8)

Date: 2020-10-19



Trace: 5

Site no : 844 Shield Room Data no. : 6
 Env. / Ins. : Temp:24.3°C Humi:58% Press:101.50kPa LINE Phase : LINE
 Limit : FCC PART 15B QP
 Engineer : MRS
 EUT : Robot Vacuum Cleaner
 Power : DC 20V From Adapter Input AC 240V/60Hz
 M/N : LDS M6 PRO
 Test Mode : TX Mode

| Freq. (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|-------------------|-----------------------------|------------------|----------------|---------|
| 1 0.1615 | 9.79 | 9.69 | 12.72 | 32.20 | 55.38 | 23.18 | Average |
| 2 0.1615 | 9.79 | 9.69 | 28.25 | 47.73 | 65.38 | 17.65 | QP |
| 3 0.4941 | 9.95 | 9.92 | 13.09 | 32.96 | 46.10 | 13.14 | Average |
| 4 0.4941 | 9.95 | 9.92 | 21.97 | 41.84 | 56.10 | 14.26 | QP |
| 5 0.6578 | 9.82 | 9.92 | 12.04 | 31.78 | 46.00 | 14.22 | Average |
| 6 0.6578 | 9.82 | 9.92 | 19.12 | 38.86 | 56.00 | 17.14 | QP |
| 7 0.7084 | 9.80 | 9.93 | 11.83 | 31.56 | 46.00 | 14.44 | Average |
| 8 0.7084 | 9.80 | 9.93 | 18.23 | 37.96 | 56.00 | 18.04 | QP |
| 9 1.0997 | 9.79 | 9.94 | 11.62 | 31.35 | 46.00 | 14.65 | Average |
| 10 1.0997 | 9.79 | 9.94 | 17.87 | 37.60 | 56.00 | 18.40 | QP |
| 11 1.5767 | 9.80 | 9.95 | 10.42 | 30.17 | 46.00 | 15.83 | Average |
| 12 1.5767 | 9.80 | 9.95 | 17.89 | 37.64 | 56.00 | 18.36 | QP |

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
 2. Margin=Limit - Emission Level.
 3. 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.

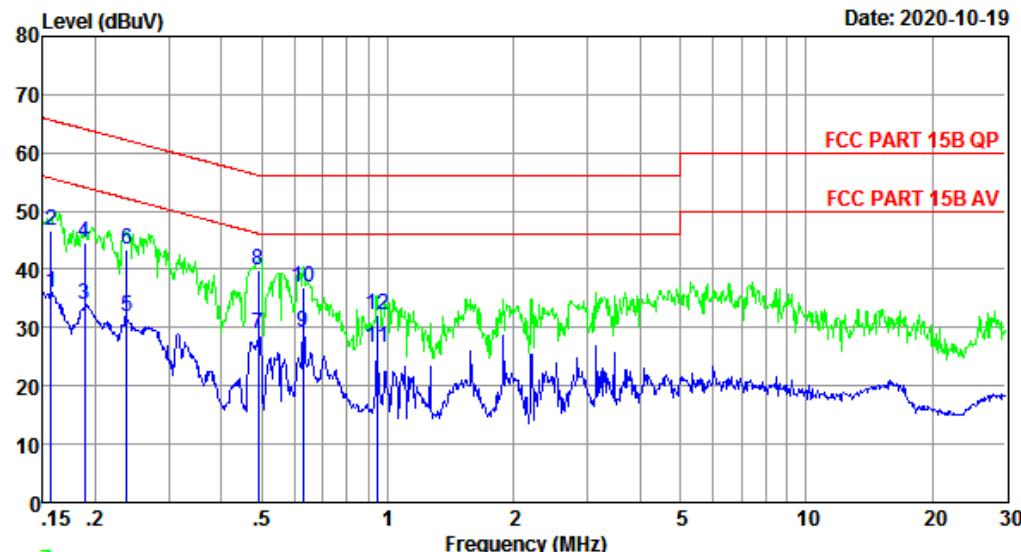
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Data: 8

File: \Emc-ce-1\test data\2020\RF\SHAN CHUAN LDS M6 PRO.EM6 (8)

Date: 2020-10-19



Trace: 7

Site no : 844 Shield Room Data no. : 8
 Env. / Ins. : Temp:24.3°C Humi:58% Press:101.50kPa LINE Phase : NEUTRAL
 Limit : FCC PART 15B QP
 Engineer : MRS
 EUT : Robot Vacuum Cleaner
 Power : DC 20V From Adapter Input AC 240V/60Hz
 M/N : LDS M6 PRO
 Test Mode : TX Mode

| Freq. (MHz) | LISN Factor (dB) | Cable Loss (dB) | Reading (dBuV) | Emission Level (dBuV) | Limits (dBuV) | Margin (dB) | Remark |
|----------------|------------------------|-----------------------|-------------------|-----------------------------|------------------|----------------|---------|
| 1 0.1565 | 9.62 | 9.69 | 16.59 | 35.90 | 55.65 | 19.75 | Average |
| 2 0.1565 | 9.62 | 9.69 | 27.32 | 46.63 | 65.65 | 19.02 | QP |
| 3 0.1884 | 9.69 | 9.77 | 14.62 | 34.08 | 54.11 | 20.03 | Average |
| 4 0.1884 | 9.69 | 9.77 | 25.14 | 44.60 | 64.11 | 19.51 | QP |
| 5 0.2378 | 9.71 | 9.92 | 12.26 | 31.89 | 52.17 | 20.28 | Average |
| 6 0.2378 | 9.71 | 9.92 | 23.90 | 43.53 | 62.17 | 18.64 | QP |
| 7 0.4915 | 9.78 | 9.92 | 9.23 | 28.93 | 46.14 | 17.21 | Average |
| 8 0.4915 | 9.78 | 9.92 | 20.24 | 39.94 | 56.14 | 16.20 | QP |
| 9 0.6271 | 9.76 | 9.92 | 9.66 | 29.34 | 46.00 | 16.66 | Average |
| 10 0.6271 | 9.76 | 9.92 | 17.17 | 36.85 | 56.00 | 19.15 | QP |
| 11 0.9431 | 9.69 | 9.94 | 6.88 | 26.51 | 46.00 | 19.49 | Average |
| 12 0.9431 | 9.69 | 9.94 | 12.69 | 32.32 | 56.00 | 23.68 | QP |

Remarks: 1. Emission Level= LISN Factor + Cable Loss + Reading.
 2. Margin=Limit - Emission Level.
 3. 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.

10. ANTENNA REQUIREMENTS

10.1. Limit

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section. The manufacturer may design the unit so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited. This requirement does not apply to carrier current devices or to devices operated under the provisions of §§15.211, 15.213, 15.217, 15.219, 15.221, or §15.236. Further, this requirement does not apply to intentional radiators that must be professionally installed, such as perimeter protection systems and some field disturbance sensors, or to other intentional radiators which, in accordance with §15.31(d), must be measured at the installation site. However, the installer shall be responsible for ensuring that the proper antenna is employed so that the limits in this part are not exceeded.

10.2. Test Result

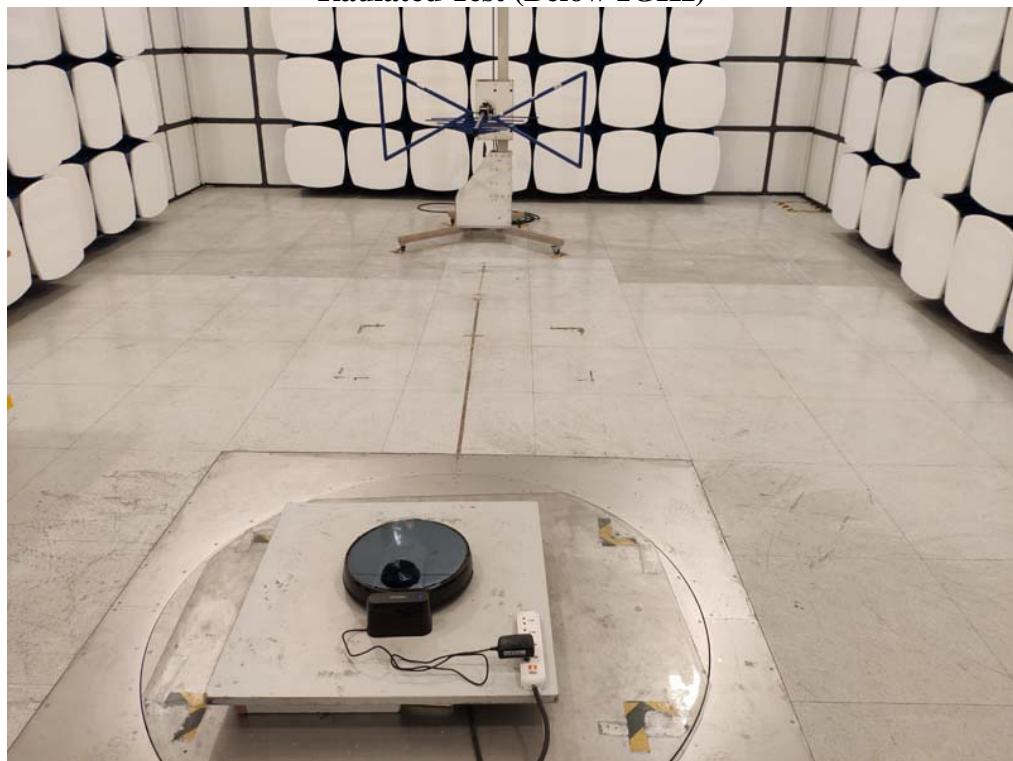
The antennas used for this product is internal antenna ,so compliance with antenna requirements.
(Please refer to the EUT photo for details)

11. TEST SETUP PHOTO

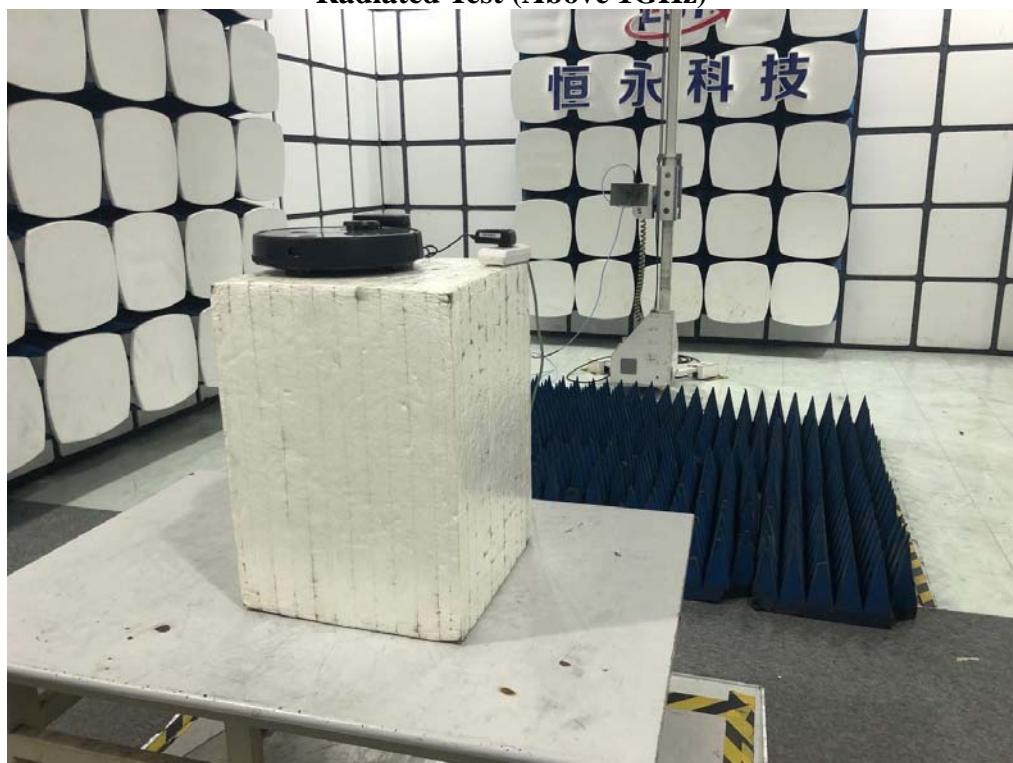
Conducted Test



Radiated Test (Below 1GHz)



Radiated Test (Above 1GHz)

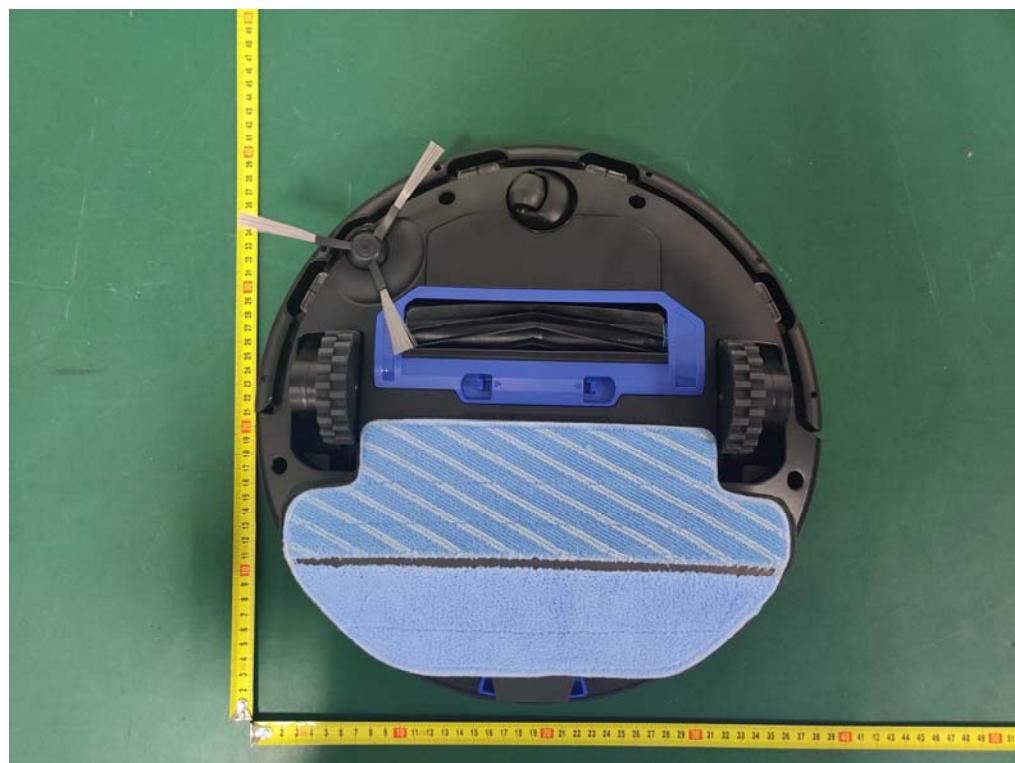


12. EUT PHOTO

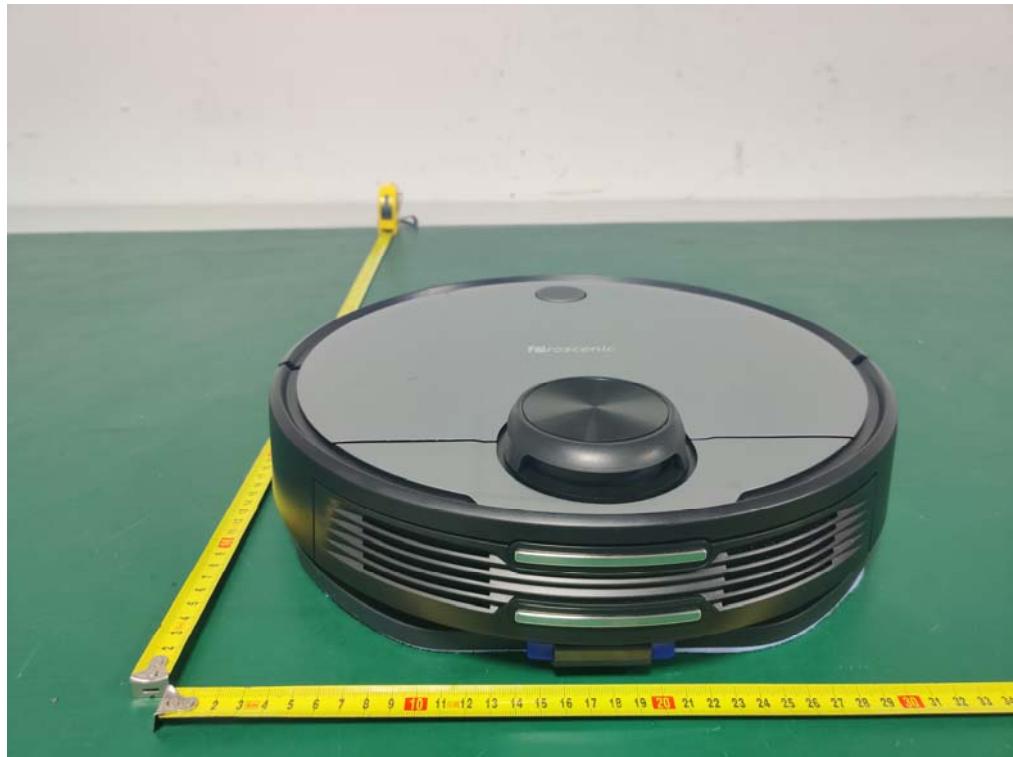
External Photos
M/N: LDS M6 PRO



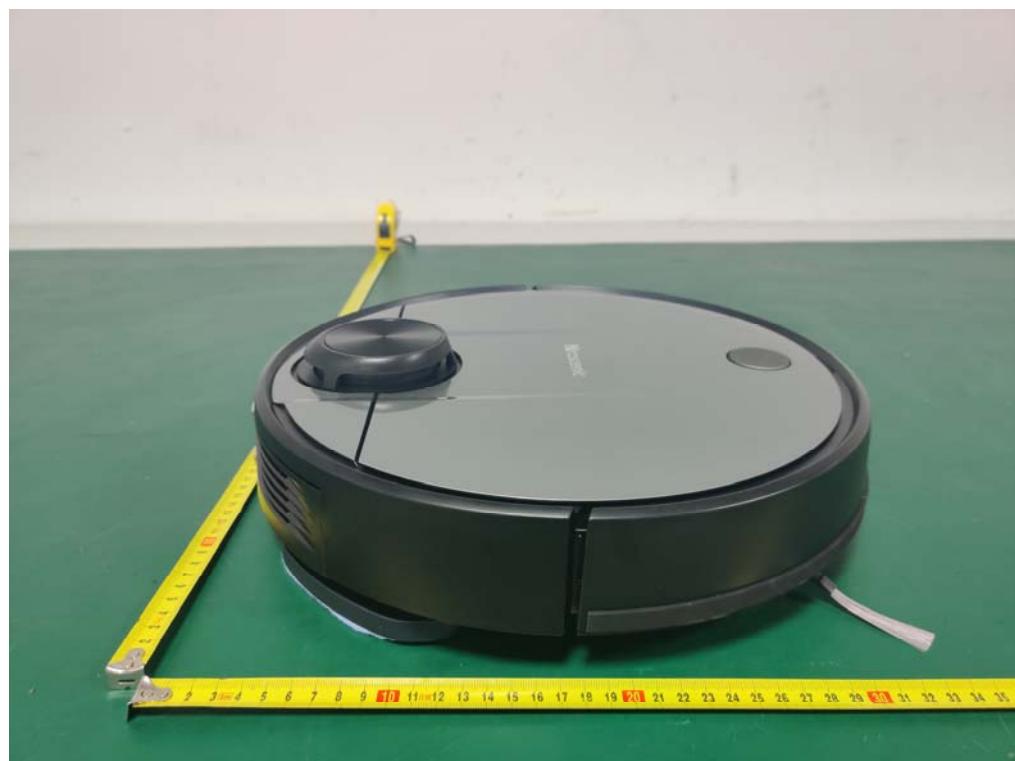
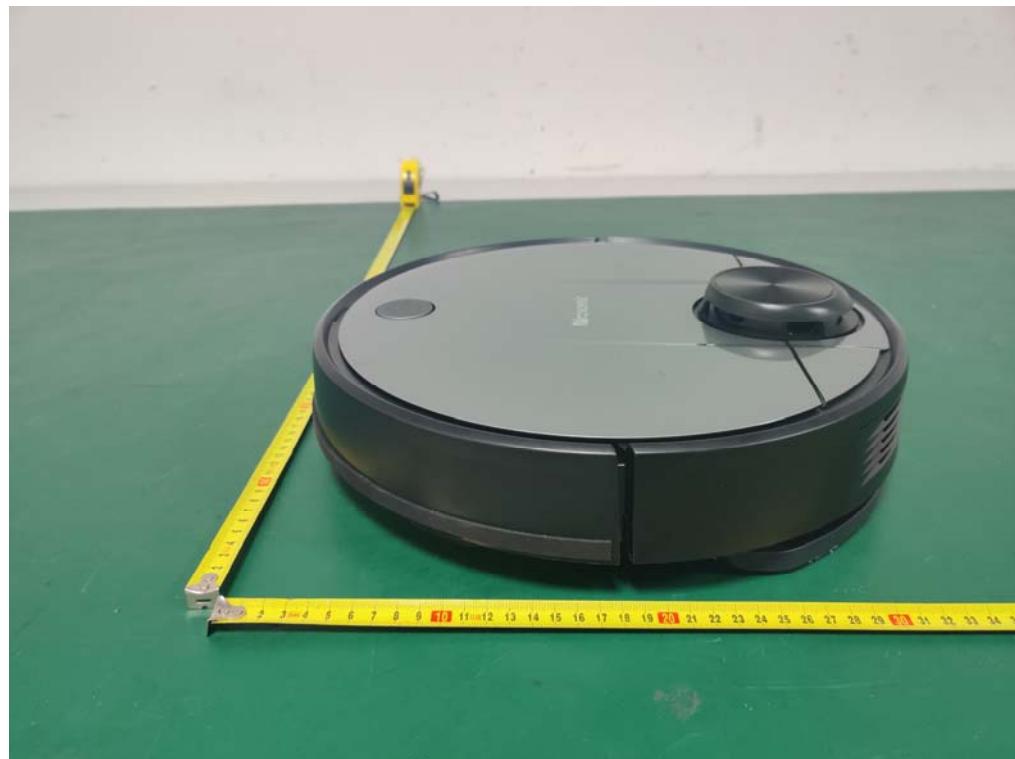
External Photos
M/N: LDS M6 PRO



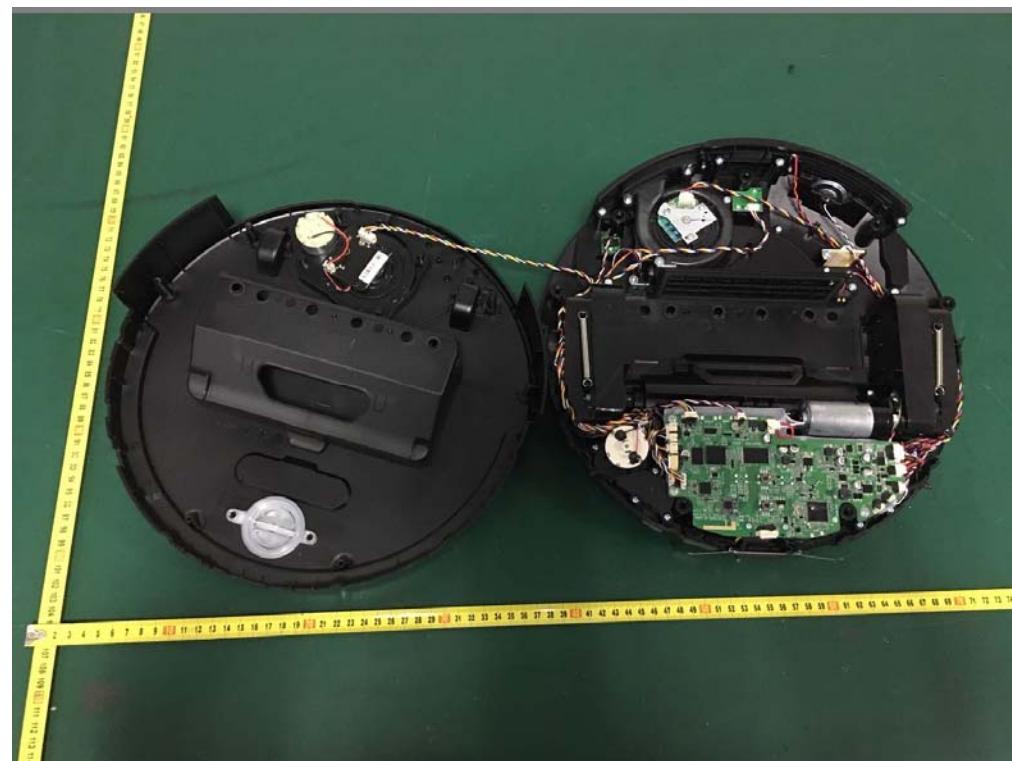
External Photos
M/N: LDS M6 PRO



External Photos
M/N: LDS M6 PRO



Internal Photos
M/N: LDS M6 PRO



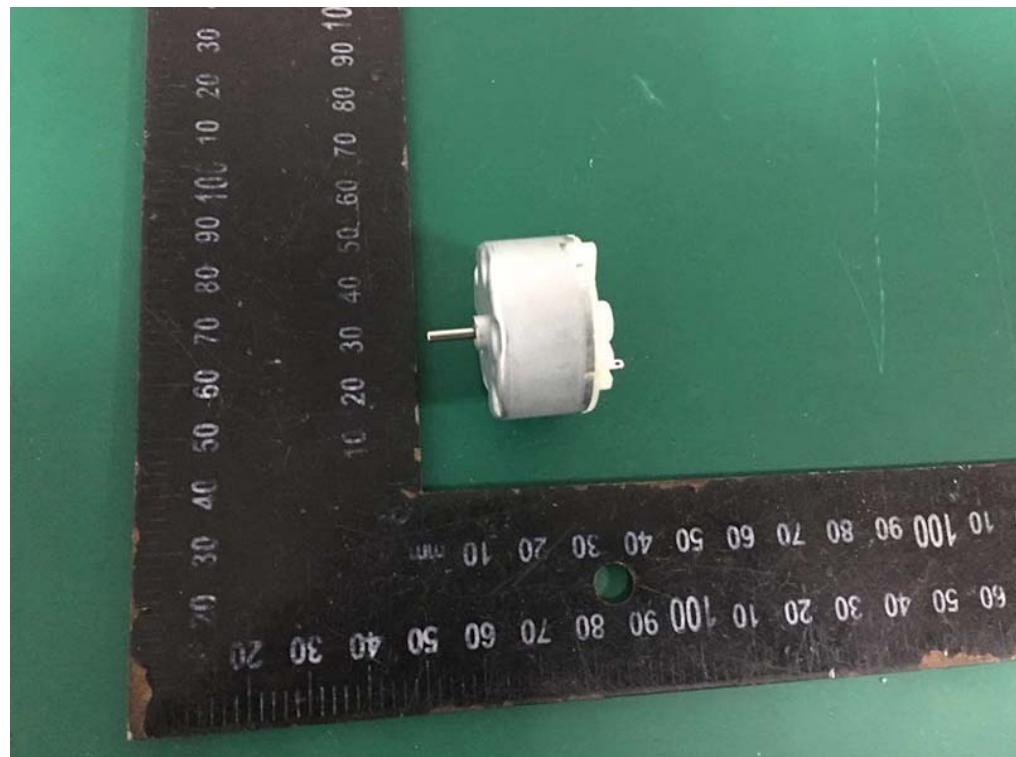
External Photos
M/N: LDS M6 PRO



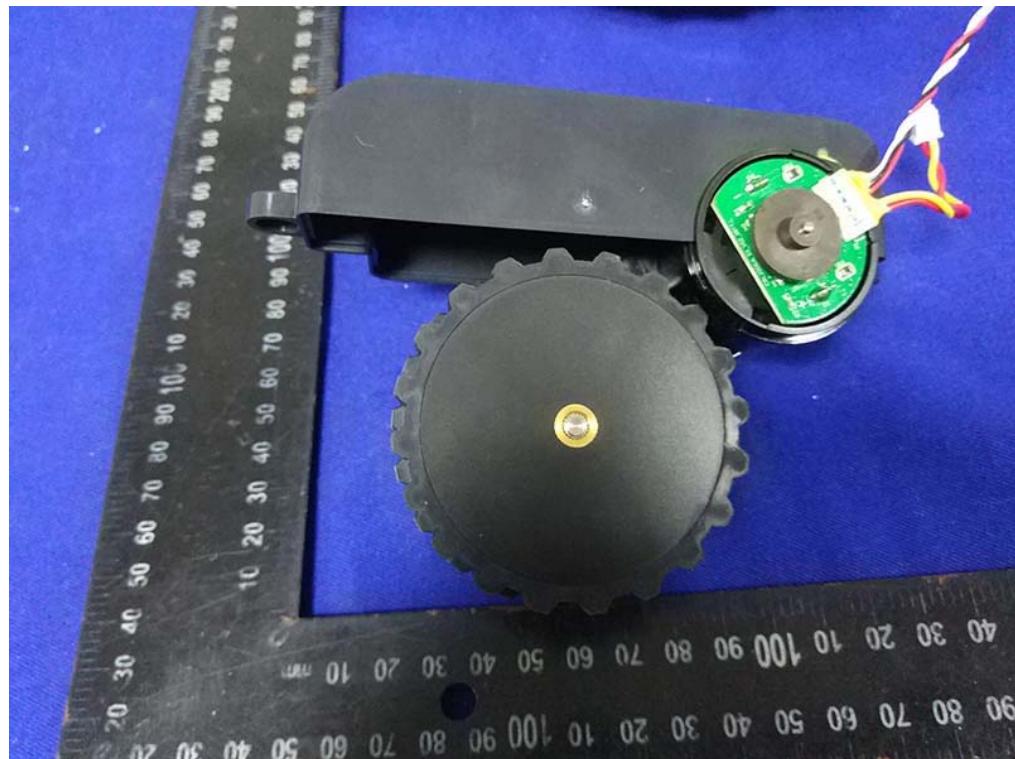
Internal Photos
M/N: LDS M6 PRO



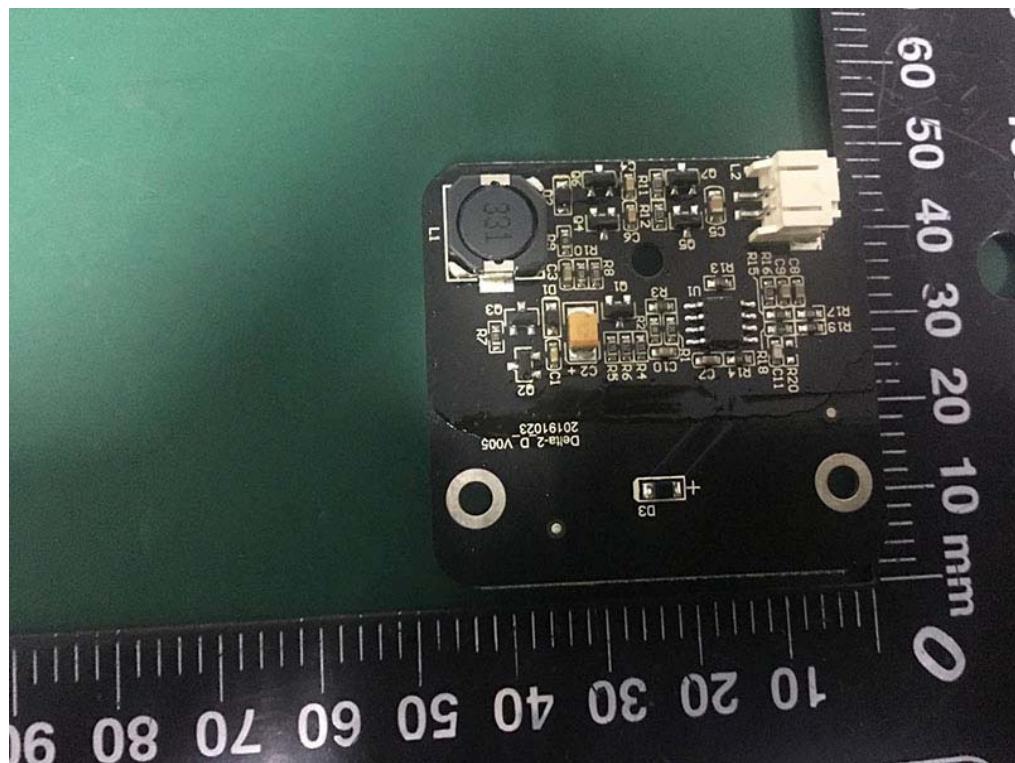
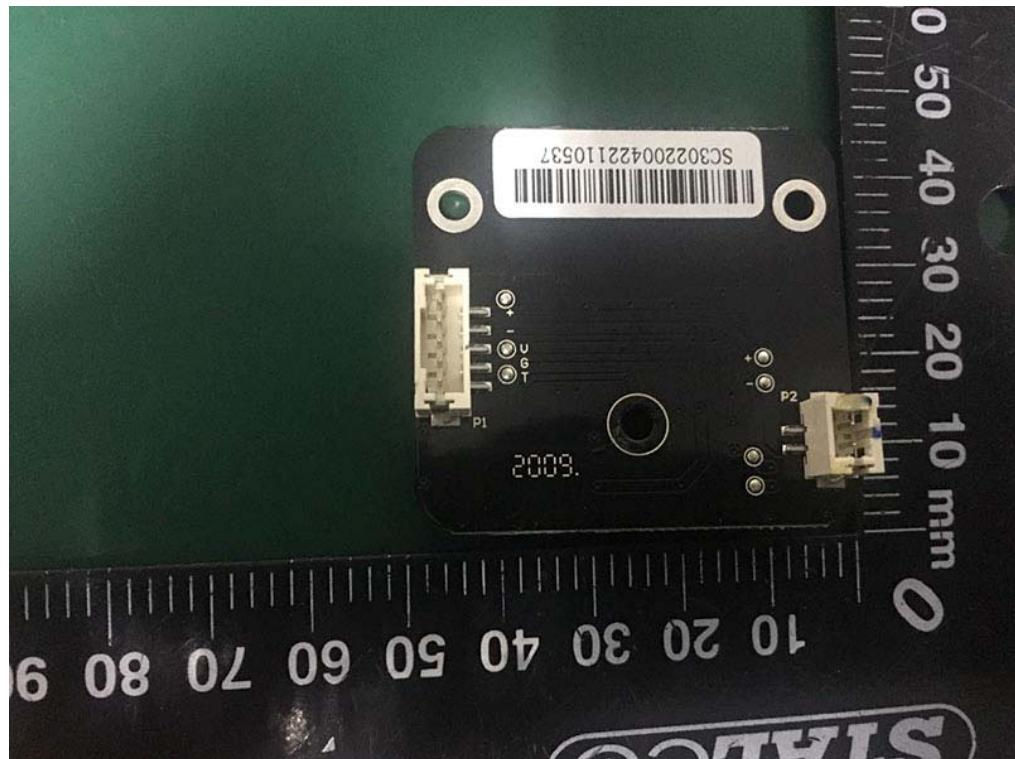
Internal Photos
M/N: LDS M6 PRO



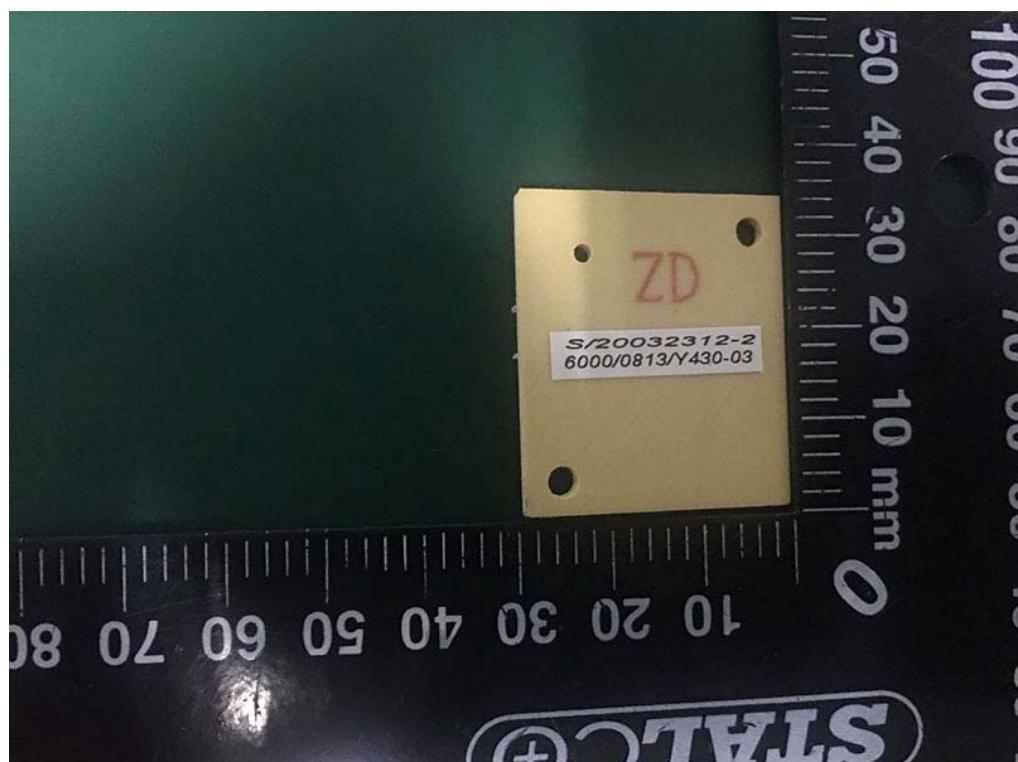
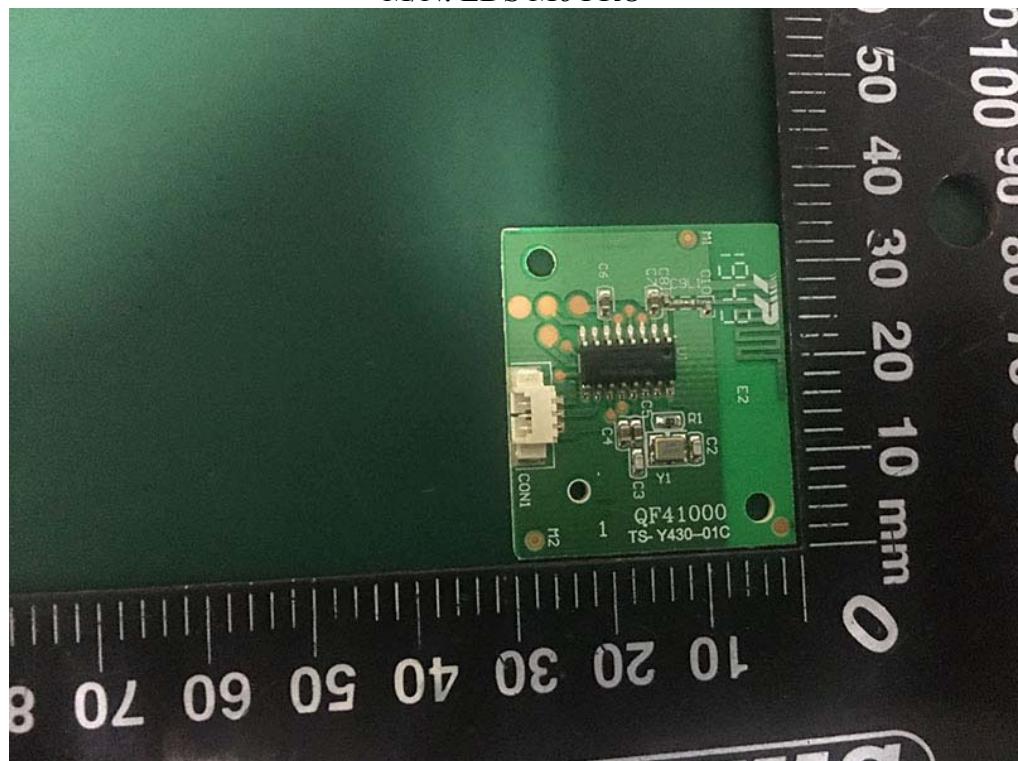
Internal Photos
M/N: LDS M6 PRO



Internal Photos
M/N: LDS M6 PRO



Internal Photos
M/N: LDS M6 PRO



Internal Photos
M/N: LDS M6 PRO



Power Supply



End of Test Report