

# TEST REPORT

**Reference No.**..... : WTA26D05137439W001  
**FCC ID** ..... : 2AJJGHJ8258C  
**Applicant**..... : Qingdao Richmat Intelligence Technology Inc  
**Address**..... : NO.78 Kongquehe 4th Road, Qingdao Clothing Industry park, Jimo, Qingdao, Shandong Province, China  
**Manufacturer** ..... : Qingdao Richmat Intelligence Technology Inc  
**Address**..... : NO.78 Kongquehe 4th Road, Qingdao Clothing Industry park, Jimo, Qingdao, Shandong Province, China  
**Product**..... : Control box  
**Model(s)** ..... : C26D-X-XXXX-XX-XXX-XXX-XX, C26D-B-A031-1R-310-LH1-01  
**Standards**..... : FCC 47CFR Part 15.247  
**Date of Receipt sample** .... : 2026-05-26  
**Date of Test** ..... : 2026-06-04 to 2026-06-22  
**Date of Issue**..... : 2026-08-07  
**Test Result**..... : **Pass**

**Remarks:**

The results shown in this test report refer only to the sample(s) tested, this test report cannot be reproduced, except in full, without prior written permission of the company. The report would be invalid without specific stamp of test institute and the signatures of compiler and approver.

**Prepared By:**

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3 Revision History

| Test Report No.    | Date of Receipt Sample | Date of Test                   | Date of Issue | Purpose  | Comment | Approved |
|--------------------|------------------------|--------------------------------|---------------|----------|---------|----------|
| WTA26D05137439W001 | 2026-05-26             | 2026-06-04<br>to<br>2026-06-22 | 2026-08-07    | Original | -       | Valid    |

## 4 General Information

### 4.1 General Description of E.U.T.

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Original Product:  | Single mode Bluetooth(5.0) Module                                                                                                                                                                                                                                                                                                                                                                                                 |
| Original Model(s): | HJ8258C                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Host Product Name: | Control box                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Host Model(s):     | C26D-X-XXXX-XX-XXX-XXX-XX, C26D-B-A031-1R-310-LH1-01                                                                                                                                                                                                                                                                                                                                                                              |
| Model Description: | The "X" in the series model represents different meanings respectively, but the schematic diagram, PCB layout, appearance color, etc. are all the same. The entire machine covered by this certification is based on the module ID and has undergone tests related to radiation emission and radiation emission interference for the entire machine. The selected test model for the entire machine is C26D-B-A031-1R-310-LH1-01. |
| Test Sample No.:   | 1-1/1                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Bluetooth Version: | V5.0                                                                                                                                                                                                                                                                                                                                                                                                                              |

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

|                       |              |
|-----------------------|--------------|
| Operation Frequency:  | 2402~2480MHz |
| Max. RF output power: | -1.26dBm *   |
| Type of Modulation:   | GFSK         |
| Antenna installation: | PCB Antenna  |
| Antenna Gain:         | 3.25dBi      |

Note:

#: The antenna gain is provided by the applicant, and the applicant should be responsible for its authenticity, WALTEK lab has not verified the authenticity of its information.

Ratings: AC 100-240V, 50/60Hz

Note: \* The Value of the Max. RF output power, please refer to the original report (EMTEK (NINGBO) CO., LTD. Ref. No.: ENB2604200247W00101R)

### 4.3 Channel List

| Channel No. | Frequency (MHz) | Channel No. | Frequency (MHz) | Channel No. | Frequency (MHz) | Channel No. | Frequency (MHz) |
|-------------|-----------------|-------------|-----------------|-------------|-----------------|-------------|-----------------|
| 0           | 2402            | 1           | 2404            | 2           | 2406            | 3           | 2408            |
| 4           | 2410            | 5           | 2412            | 6           | 2414            | 7           | 2416            |
| 8           | 2418            | 9           | 2420            | 10          | 2422            | 11          | 2424            |
| 12          | 2426            | 13          | 2428            | 14          | 2430            | 15          | 2432            |
| 16          | 2434            | 17          | 2436            | 18          | 2438            | 19          | 2440            |
| 20          | 2442            | 21          | 2444            | 22          | 2446            | 23          | 2448            |
| 24          | 2450            | 25          | 2452            | 26          | 2454            | 27          | 2456            |
| 28          | 2458            | 29          | 2460            | 30          | 2462            | 31          | 2464            |
| 32          | 2466            | 33          | 2468            | 34          | 2470            | 35          | 2472            |
| 36          | 2474            | 37          | 2476            | 38          | 2478            | 39          | 2480            |

#### 4.4 Test Facility

The test facility has a test site registered with the following organizations:

**ISED CAB identifier: CN0013. Test Firm Registration No.: 7760A.**

Waltek Testing Group Co., Ltd. Has been registered and fully described in a report filed with the Industry Canada. The acceptance letter from the Industry Canada is maintained in our files.

Registration number 7760A, October 15, 2016.

**FCC Designation No.: CN1201. Test Firm Registration No.: 523476.**

Waltek Testing Group Co., Ltd. EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Registration number 523476, September 10, 2019.

#### 4.5 Subcontracted

Whether parts of tests for the product have been subcontracted to other labs:

☐ Yes ☒ No

If Yes, list the related test items and lab information:

Test Lab: N/A

Lab address: N/A

Test items: N/A

#### 4.6 Abnormalities from Standard Conditions

None.

#### 4.7 Test Mode

Tests Carried Out Under FCC part 15.247

| Test Items                     | Mode         | Data Rate | Channel | TX/RX |
|--------------------------------|--------------|-----------|---------|-------|
| Band Edge                      | Bluetooth LE | 1Mbps     | 0/19/39 | TX    |
| Transmitter Spurious Emissions | Bluetooth LE | 1Mbps     | 0/19/39 | TX    |

**Note:** Parameters set by test software during channel & power tests, the software provided by the applicant was used to set the operating channels as well as the maximum output power level. The RF output power set is the power expected by the manufacturer and is going to be fixed on the firmware of the final product.

## 5 Test Summary

| Test Items                  | Test Requirement                    | Result |
|-----------------------------|-------------------------------------|--------|
| Radiated Spurious Emissions | 15.247(d)<br>15.205(a)<br>15.209(a) | PASS   |
| Conducted Emissions         | 15.207(a)                           | PASS   |

## 6 Equipment Used during Test

### 6.1 Equipments List

| Item                                                       | Equipment                 | Manufacturer | Model No.             | Serial No. | Last Cal. Date | Calibration Due Date |
|------------------------------------------------------------|---------------------------|--------------|-----------------------|------------|----------------|----------------------|
| <b>Conducted Emissions 1#</b>                              |                           |              |                       |            |                |                      |
| 1                                                          | EMI Test Receiver         | R&S          | ESCI                  | 100947     | 2025-07-04     | 2026-07-03           |
| 2                                                          | LISN                      | R&S          | ENV216                | 100115     | 2026-06-02     | 2027-06-01           |
| 3                                                          | Cable                     | Top          | TYPE16(3.5M)          | -          | 2026-06-02     | 2027-06-01           |
| <b>3m Semi-anechoic Chamber for Radiation Emissions 1#</b> |                           |              |                       |            |                |                      |
| 1                                                          | Spectrum Analyzer         | R&S          | FSP30                 | 100091     | 2026-04-07     | 2027-04-06           |
| 2                                                          | Amplifier                 | Agilent      | 8447D                 | 2944A10178 | 2025-07-04     | 2026-07-03           |
| 3                                                          | Tri-log Broadband Antenna | SCHWARZBECK  | VULB9163              | 336        | 2025-07-20     | 2026-07-19           |
| 4                                                          | Coaxial Cable             | Top          | TYPE16(13M)           | -          | 2026-04-07     | 2027-04-06           |
| 5                                                          | Broad-band Horn Antenna   | SCHWARZBECK  | BBHA 9120 D           | 9120D-1314 | 2025-08-09     | 2026-08-08           |
| 6                                                          | Broad-band Horn Antenna   | SCHWARZBECK  | BBHA 9170             | 335        | 2025-07-04     | 2026-07-03           |
| 7                                                          | Broadband Preamplifier    | COMPLIANCE   | PAP-1G18              | 2004       | 2025-07-04     | 2026-07-03           |
| 8                                                          | Coaxial Cable             | Top          | ZT26-NJ-NJ-8M/FA      | -          | 2026-04-07     | 2027-04-06           |
| 9                                                          | Microwave Amplifier       | SCHWARZBECK  | BBV 9721              | 100472     | 2025-07-04     | 2026-07-03           |
| 10                                                         | Coaxial Cable             | Top          | ZT40-2.92J-2.92J-2.0M | 17100919   | 2025-07-08     | 2026-07-07           |
| <b>3m Semi-anechoic Chamber for Radiation Emissions 2#</b> |                           |              |                       |            |                |                      |
| 1                                                          | Test Receiver             | R&S          | ESCI                  | 101296     | 2026-04-07     | 2027-04-06           |
| 2                                                          | Trilog Broadband Antenna  | SCHWARZBECK  | VULB9160              | 9160-3325  | 2025-07-05     | 2026-07-04           |
| 3                                                          | Active Loop Antenna       | Com-Power    | AL-130R               | 10160007   | 2026-04-19     | 2027-04-18           |
| 4                                                          | Amplifier                 | ANRITSU      | MH648A                | M43381     | 2026-04-07     | 2027-04-06           |
| 5                                                          | Cable                     | HUBER+SUHNER | CBL2                  | 525178     | 2026-04-07     | 2027-04-06           |
| <b>RF Conducted Testing</b>                                |                           |              |                       |            |                |                      |
| 1                                                          | Spectrum Analyzer         | R&S          | FSP40                 | 100501     | 2025-07-04     | 2026-07-03           |
| 2                                                          | Spectrum Analyzer         | Agilent      | N9020A                | MY49100060 | 2025-07-05     | 2026-07-04           |
| 3                                                          | Power Sensor              | TST          | TSCB562R2             | -          | 2025-12-05     | 2026-12-04           |

#### Test Software:

| Test Item                                       | Software name | Software version  |
|-------------------------------------------------|---------------|-------------------|
| Conduction disturbance<br>Radiated Emission(3m) | EZ-EMC        | EZ-EMC(RA-03A1-1) |

## 6.2 Description of Support Units

| Equipment     | Manufacturer | Model No.    | Series No.      |
|---------------|--------------|--------------|-----------------|
| AC/DC adapter | Richmat      | PS3-A29020-1 | PS3A19111100132 |

## 6.3 Measurement Uncertainty

| Parameter                   | Uncertainty                             |
|-----------------------------|-----------------------------------------|
| Radiated Spurious Emissions | ± 5.08 dB (Bilog antenna 30M~1000MHz)   |
|                             | ± 5.47 dB (Horn antenna 1000M~25000MHz) |
| Conducted Emission          | ± 3.64 dB(AC mains 150KHz~30MHz)        |

## 6.4 Test Equipment Calibration

All the test equipments used are valid and calibrated by CEPREI Certification Body that address is No.110 Dongguan Zhuang RD. Guangzhou, P.R. China.

## 7 Conducted Emission

|                   |                                    |
|-------------------|------------------------------------|
| Test Requirement: | 47CFR FCC Part15 Subpart C §15.207 |
| Test Method:      | ANSI C63.10-2020                   |
| Test Result:      | PASS                               |
| Frequency Range:  | 150kHz to 30MHz                    |
| Limit:            |                                    |

| Frequency (MHz)                                | Conducted Limit (dBμV) |           |
|------------------------------------------------|------------------------|-----------|
|                                                | Quasi-peak             | Average   |
| 0.15 to 0.5                                    | 66 to 56*              | 56 to 46* |
| 0.5 to 5.0                                     | 56                     | 46        |
| 5.0 to 30                                      | 60                     | 50        |
| *Decreases with the logarithm of the frequency |                        |           |

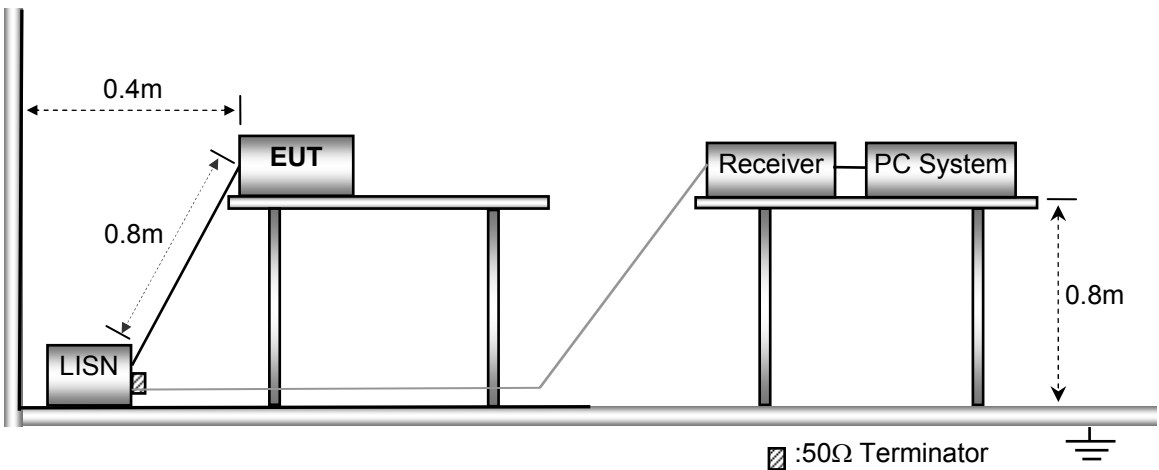
### 7.1 E.U.T. Operation

|                        |           |
|------------------------|-----------|
| Operating Environment: |           |
| Temperature:           | 25.2 °C   |
| Humidity:              | 57.3 % RH |
| Atmospheric Pressure:  | 101.5kPa  |
| EUT Operation:         |           |

The test was performed in Transmitting mode, the worst test data were shown in the report.

### 7.2 EUT Setup

The conducted emission tests were performed using the setup accordance with the ANSI C63.10-2020.



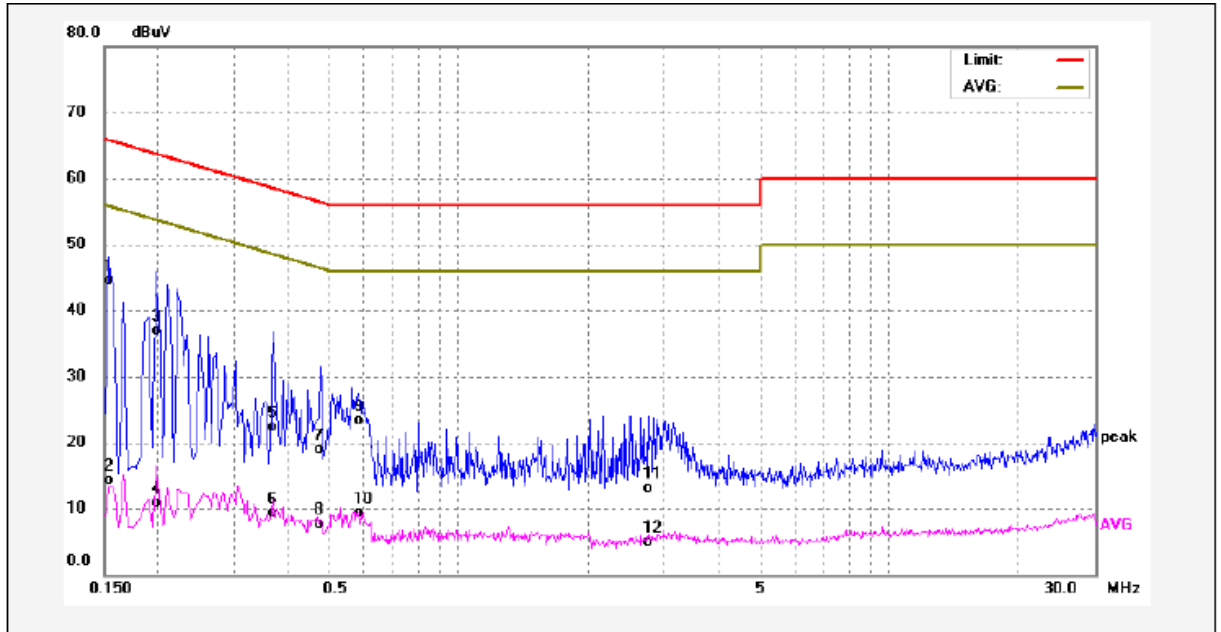
### 7.3 Measurement Description

The maximised peak emissions from the EUT was scanned and measured for both the Live and Neutral Lines. Quasi-peak & average measurements were performed if peak emissions were within 6dB of the average limit line.

## 7.4 Conducted Emission Test Result

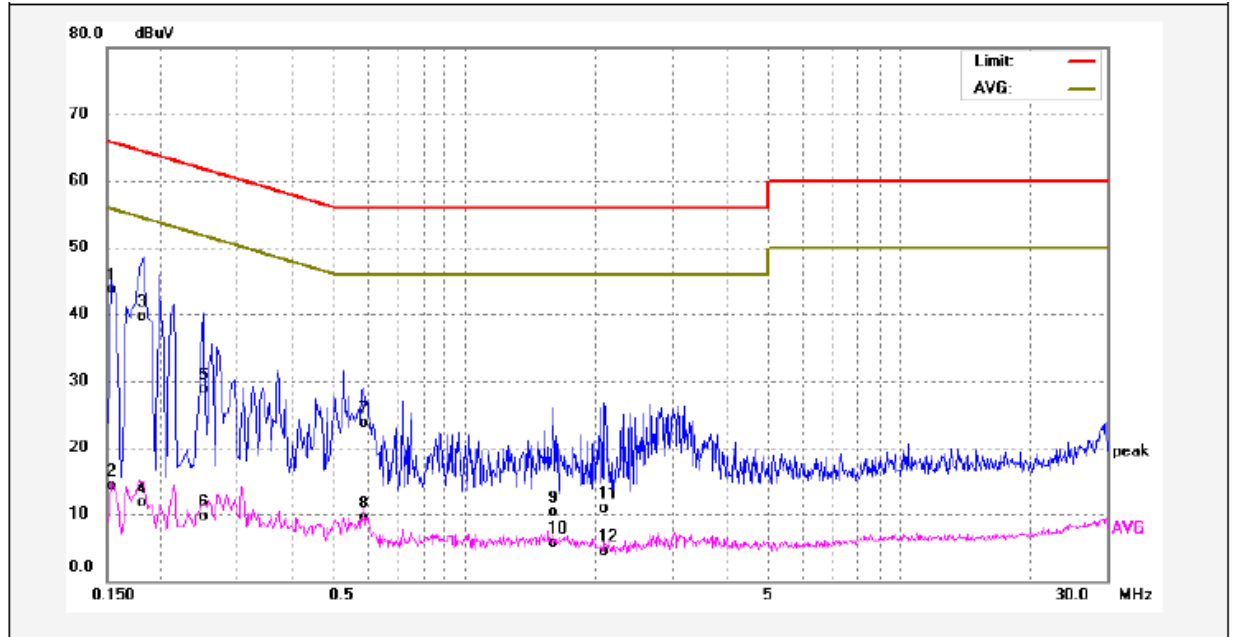
Remark: only the worst data were reported

Live line:



| No. | Freq. (MHz) | Reading (dBuV) | Factor (dB) | Result (dBuV) | Limit dBuV | Margin (dB) | Detector | Remark |
|-----|-------------|----------------|-------------|---------------|------------|-------------|----------|--------|
| 1   | 0.1539      | 34.47          | 10.11       | 44.58         | 65.78      | -21.20      | QP       |        |
| 2   | 0.1539      | 4.20           | 10.11       | 14.31         | 55.78      | -41.47      | AVG      |        |
| 3   | 0.1980      | 26.94          | 9.98        | 36.92         | 63.69      | -26.77      | QP       |        |
| 4   | 0.1980      | 0.96           | 9.98        | 10.94         | 53.69      | -42.75      | AVG      |        |
| 5   | 0.3700      | 12.33          | 9.88        | 22.21         | 58.50      | -36.29      | QP       |        |
| 6   | 0.3700      | -0.50          | 9.88        | 9.38          | 48.50      | -39.12      | AVG      |        |
| 7   | 0.4780      | 8.96           | 10.00       | 18.96         | 56.37      | -37.41      | QP       |        |
| 8   | 0.4780      | -2.28          | 10.00       | 7.72          | 46.37      | -38.65      | AVG      |        |
| 9   | 0.5820      | 13.39          | 9.88        | 23.27         | 56.00      | -32.73      | QP       |        |
| 10  | 0.5820      | -0.51          | 9.88        | 9.37          | 46.00      | -36.63      | AVG      |        |
| 11  | 2.7460      | 3.27           | 9.89        | 13.16         | 56.00      | -42.84      | QP       |        |
| 12  | 2.7460      | -5.03          | 9.89        | 4.86          | 46.00      | -41.14      | AVG      |        |

Neutral line:



| No. | Freq. (MHz) | Reading (dBuV) | Factor (dB) | Result (dBuV) | Limit dBuV | Margin (dB) | Detector | Remark |
|-----|-------------|----------------|-------------|---------------|------------|-------------|----------|--------|
| 1   | 0.1539      | 33.58          | 10.11       | 43.69         | 65.78      | -22.09      | QP       |        |
| 2   | 0.1539      | 4.15           | 10.11       | 14.26         | 55.78      | -41.52      | AVG      |        |
| 3   | 0.1819      | 29.59          | 10.02       | 39.61         | 64.39      | -24.78      | QP       |        |
| 4   | 0.1819      | 1.65           | 10.02       | 11.67         | 54.39      | -42.72      | AVG      |        |
| 5   | 0.2500      | 18.88          | 9.88        | 28.76         | 61.75      | -32.99      | QP       |        |
| 6   | 0.2500      | -0.16          | 9.88        | 9.72          | 51.75      | -42.03      | AVG      |        |
| 7   | 0.5820      | 13.87          | 9.88        | 23.75         | 56.00      | -32.25      | QP       |        |
| 8   | 0.5820      | -0.35          | 9.88        | 9.53          | 46.00      | -36.47      | AVG      |        |
| 9   | 1.5980      | 0.43           | 9.91        | 10.34         | 56.00      | -45.66      | QP       |        |
| 10  | 1.5980      | -4.30          | 9.91        | 5.61          | 46.00      | -40.39      | AVG      |        |
| 11  | 2.0900      | 1.09           | 9.83        | 10.92         | 56.00      | -45.08      | QP       |        |
| 12  | 2.0900      | -5.36          | 9.83        | 4.47          | 46.00      | -41.53      | AVG      |        |

## 8 Radiated Emissions

Test Requirement: FCC 47CFR Part 15 Section 15.209 & 15.247

Test Method: ANSI C63.10-2020+A1-2024

Test Result: PASS

Measurement Distance: 3m

Limit:

| Frequency<br>(MHz) | Field Strength |                 | Field Strength Limit at 3m Measurement Dist |                                |
|--------------------|----------------|-----------------|---------------------------------------------|--------------------------------|
|                    | uV/m           | Distance<br>(m) | uV/m                                        | dBuV/m                         |
| 0.009 ~ 0.490      | 2400/F(kHz)    | 300             | 10000 * 2400/F(kHz)                         | $20\log^{(2400/F(kHz))} + 80$  |
| 0.490 ~ 1.705      | 24000/F(kHz)   | 30              | 100 * 24000/F(kHz)                          | $20\log^{(24000/F(kHz))} + 40$ |
| 1.705 ~ 30         | 30             | 30              | 100 * 30                                    | $20\log^{(30)} + 40$           |
| 30 ~ 88            | 100            | 3               | 100                                         | $20\log^{(100)}$               |
| 88 ~ 216           | 150            | 3               | 150                                         | $20\log^{(150)}$               |
| 216 ~ 960          | 200            | 3               | 200                                         | $20\log^{(200)}$               |
| Above 960          | 500            | 3               | 500                                         | $20\log^{(500)}$               |

### 8.1 EUT Operation

Operating Environment:

Temperature: 25.4 °C

Humidity: 58.4 % RH

Atmospheric Pressure: 101.4kPa

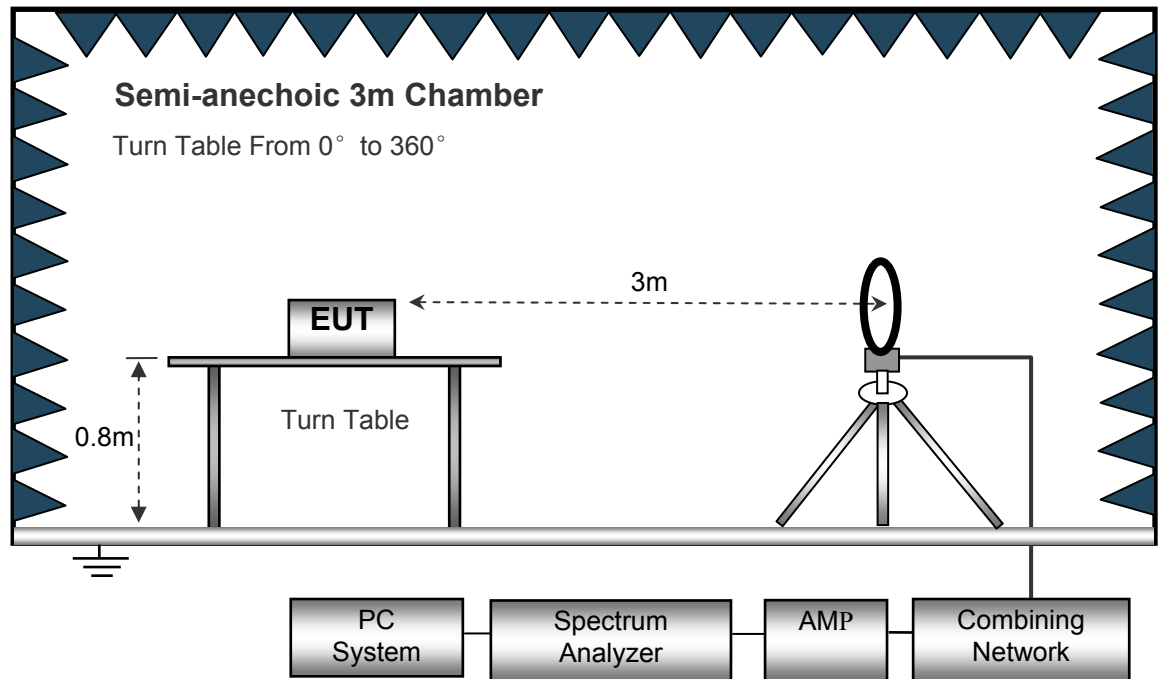
EUT Operation:

The test was performed in transmitting mode, the test data were shown in the report.

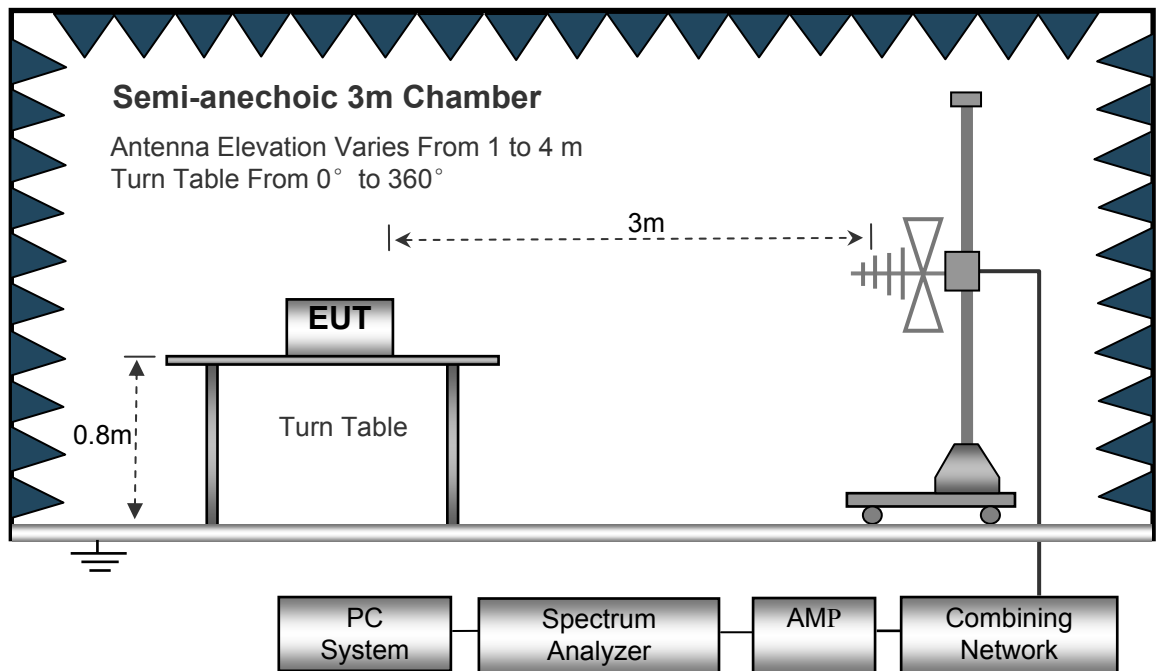
## 8.2 Test Setup

The radiated emission tests were performed in the 3m Semi- Anechoic Chamber test site, using the setup accordance with the ANSI C63.10.

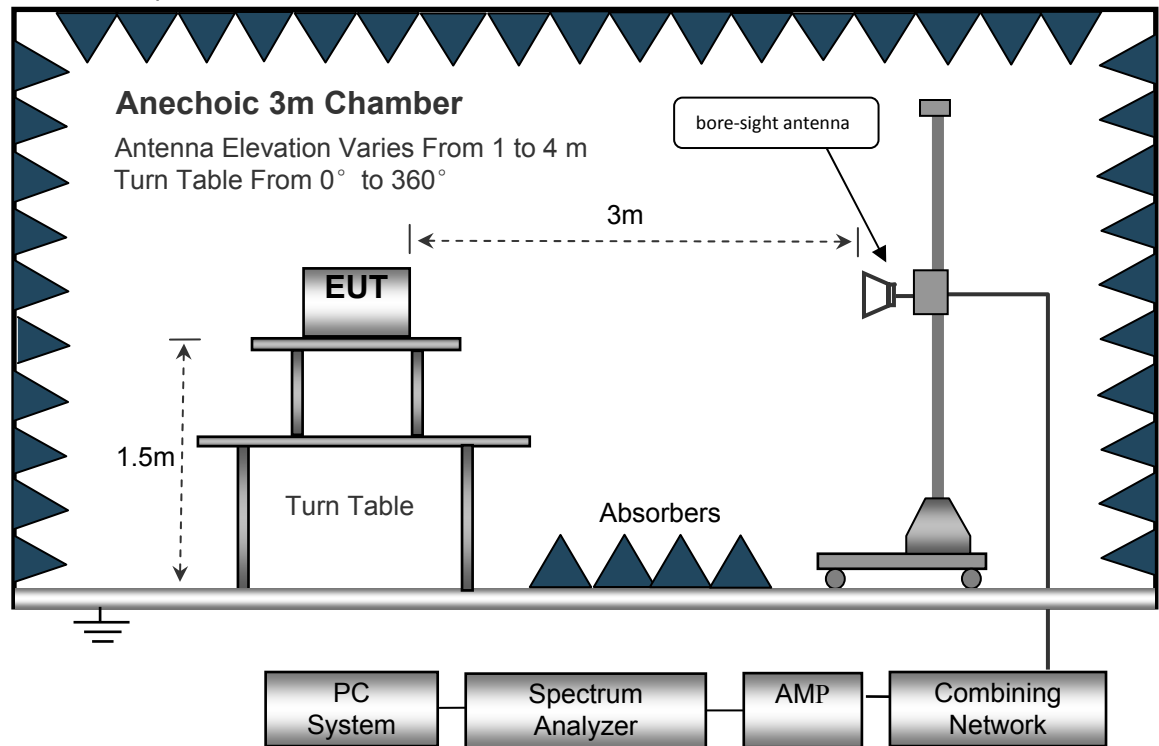
The test setup for emission measurement below 30MHz.



The test setup for emission measurement from 30 MHz to 1 GHz.



The test setup for emission measurement above 1 GHz.



8.3 Spectrum Analyzer Setup

Below 30MHz

Sweep Speed ..... Auto  
IF Bandwidth..... 10kHz  
Video Bandwidth..... 10kHz  
Resolution Bandwidth..... 10kHz

30MHz ~ 1GHz

Sweep Speed ..... Auto  
Detector ..... PK  
Resolution Bandwidth..... 100kHz  
Video Bandwidth..... 300kHz

Above 1GHz

Sweep Speed ..... Auto  
Detector ..... PK  
Resolution Bandwidth..... 1MHz  
Video Bandwidth..... 3MHz  
Detector ..... Ave.  
Resolution Bandwidth..... 1MHz  
Video Bandwidth..... 10Hz

## 8.4 Test Procedure

1. The EUT is placed on a turntable, which is 0.8m above ground plane for below 1GHz and 1.5m for above 1GHz.
2. The turntable shall be rotated for 360 degrees to determine the position of maximum emission level.
3. EUT is set 3m away from the receiving antenna, which is moved from 1m to 4m to find out the maximum emissions.
4. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
5. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
6. Repeat above procedures until the measurements for all frequencies are complete.
7. The radiation measurements are performed in X,Y and Z axis positioning(X denotes lying on the table, Y denotes side stand and Z denotes vertical stand),the worst condition was tested putting the eut in Z axis,so the worst data were shown as follow.
8. A 2.4GHz high –pass filter is used during radiated emissions above 1GHz measurement.

## 8.5 Corrected Amplitude & Margin Calculation

The Corrected Amplitude is calculated by adding the Antenna Factor and Cable Factor, and subtracting the Amplifier Gain from the Amplitude reading. The basic equation is as follows:

$$\text{Corr. Ampl.} = \text{Indicated Reading} + \text{Antenna Factor} + \text{Cable Factor} - \text{Amplifier Gain}$$

The “Margin” column of the following data tables indicates the degree of compliance with the applicable limit. For example, a margin of -7dB means the emission is 7dB below the maximum limit for Class B. The equation for margin calculation is as follows:

$$\text{Margin} = \text{Corr. Ampl.} - \text{Limit}$$

8.6 Summary of Test Results

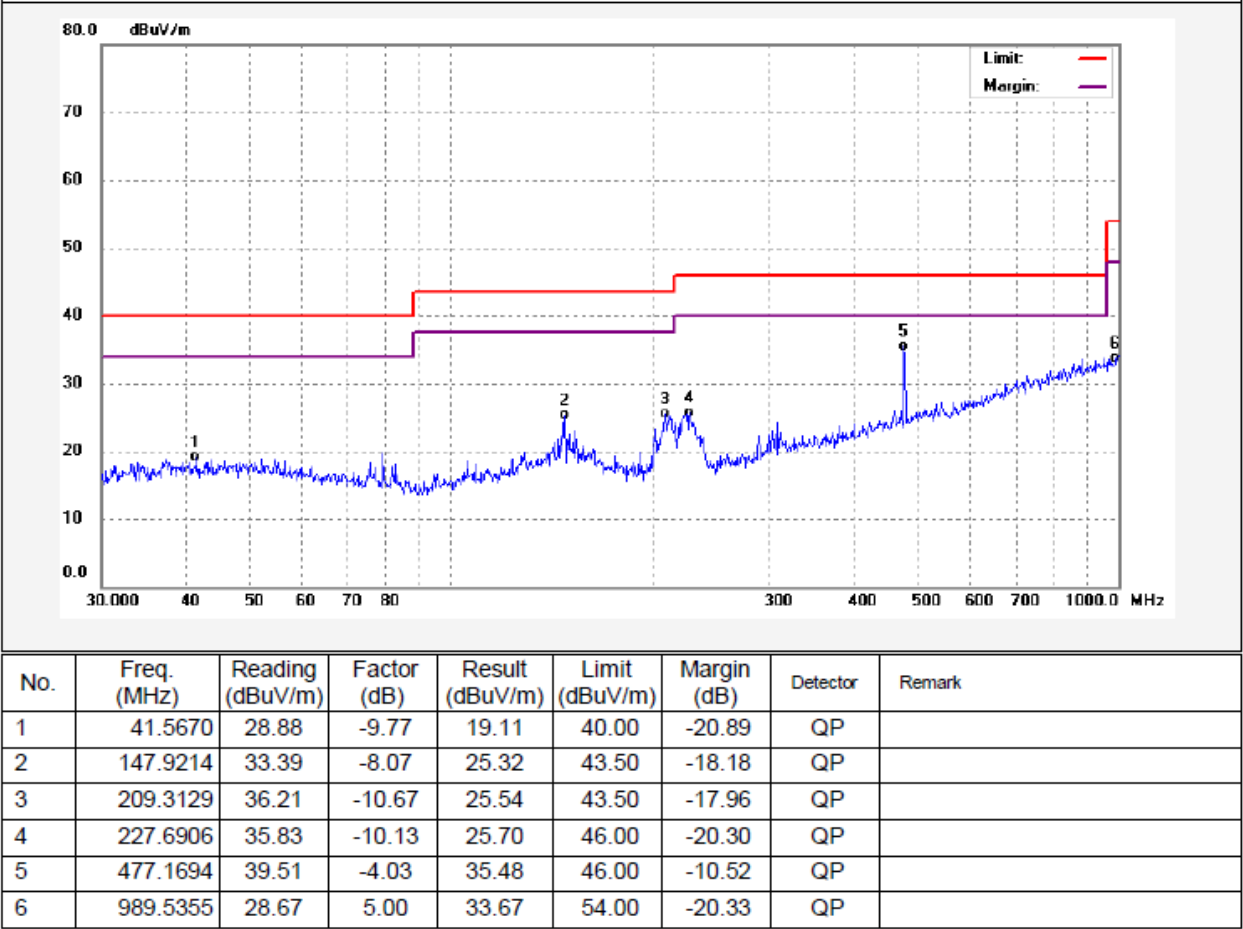
Test Frequency: 9kHz~30MHz

The measurements were more than 20 dB below the limit and not reported.

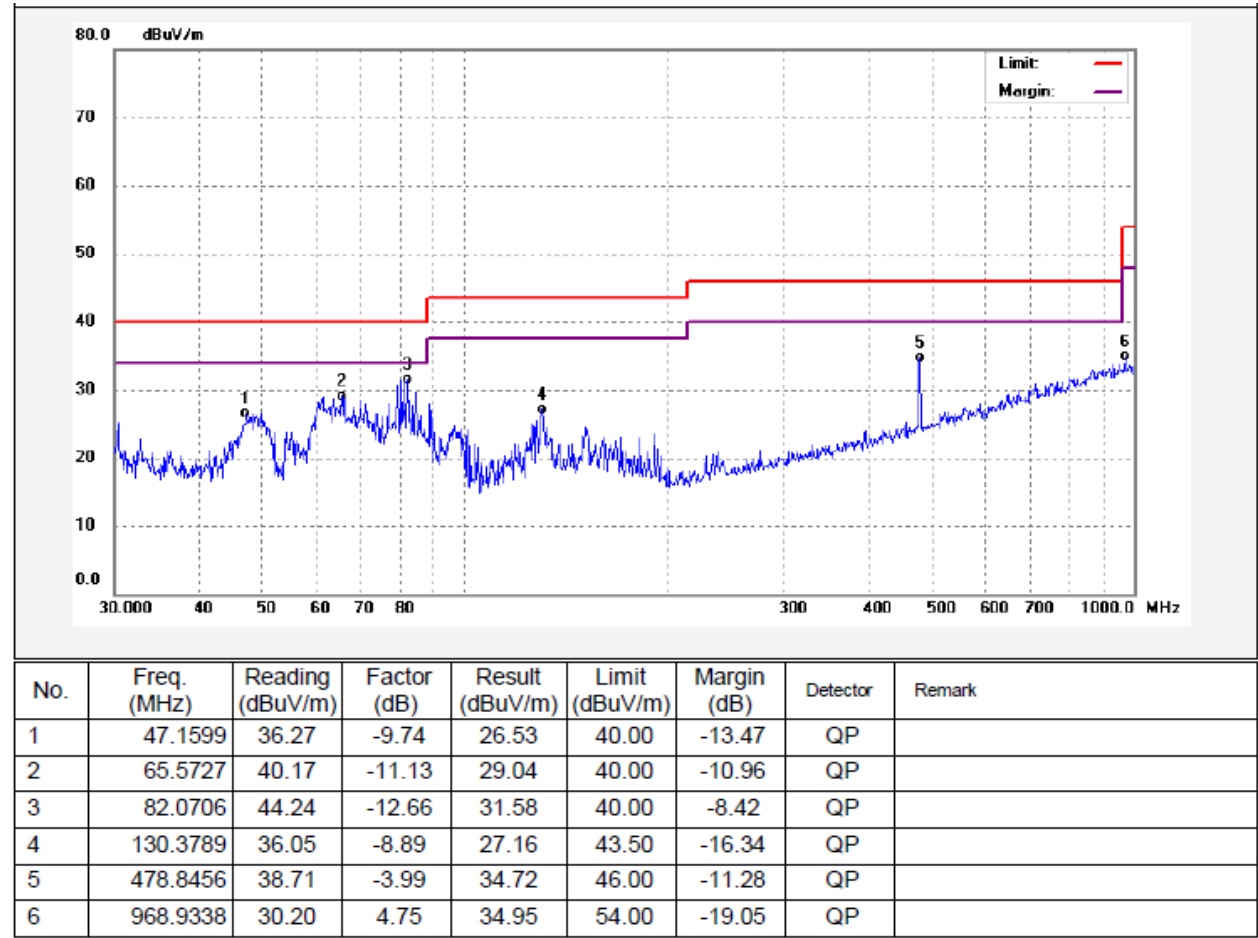
Test Frequency: 30MHz ~ 1000MHz

Low:

Antenna Polarization: Horizontal

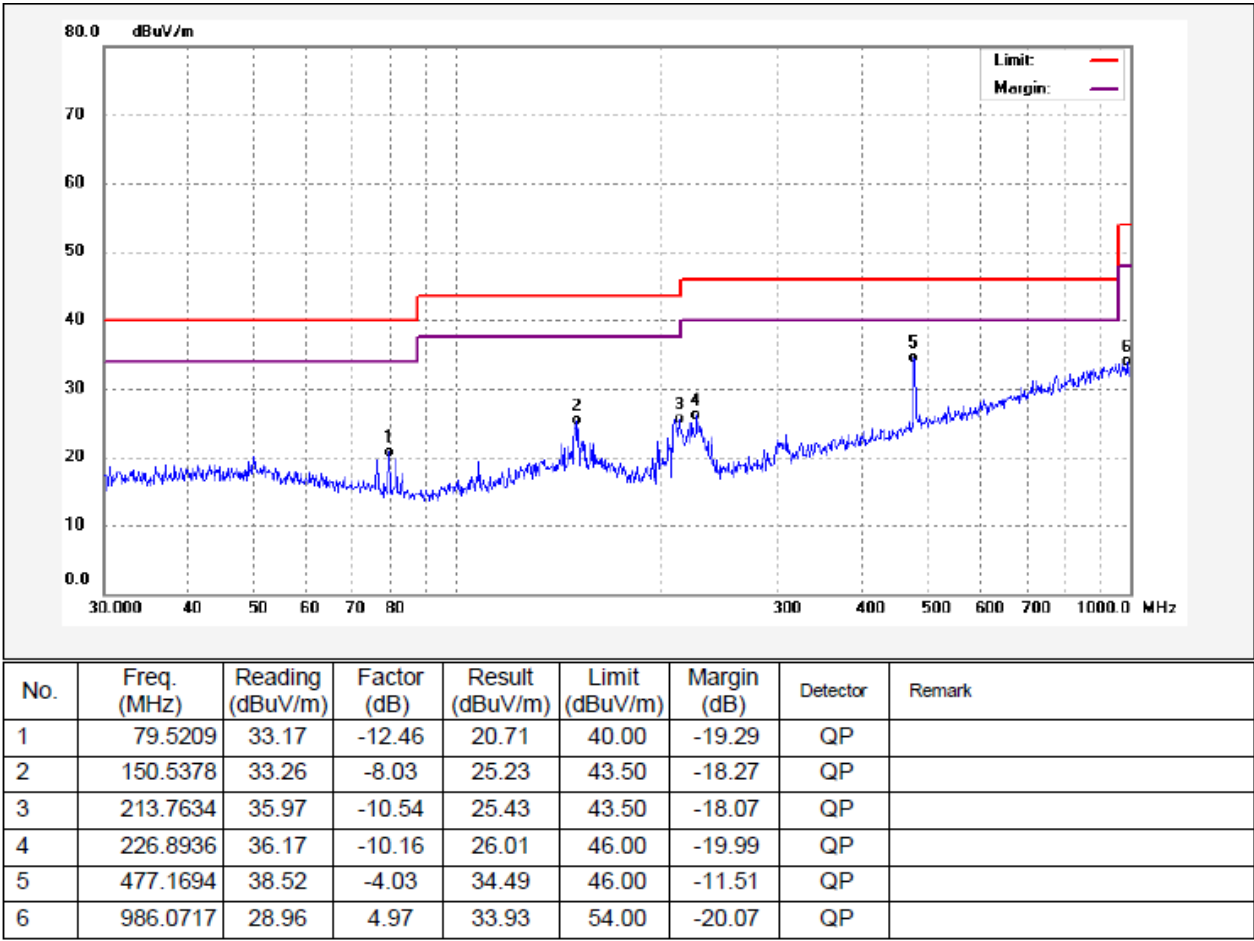


Antenna Polarization: Vertical

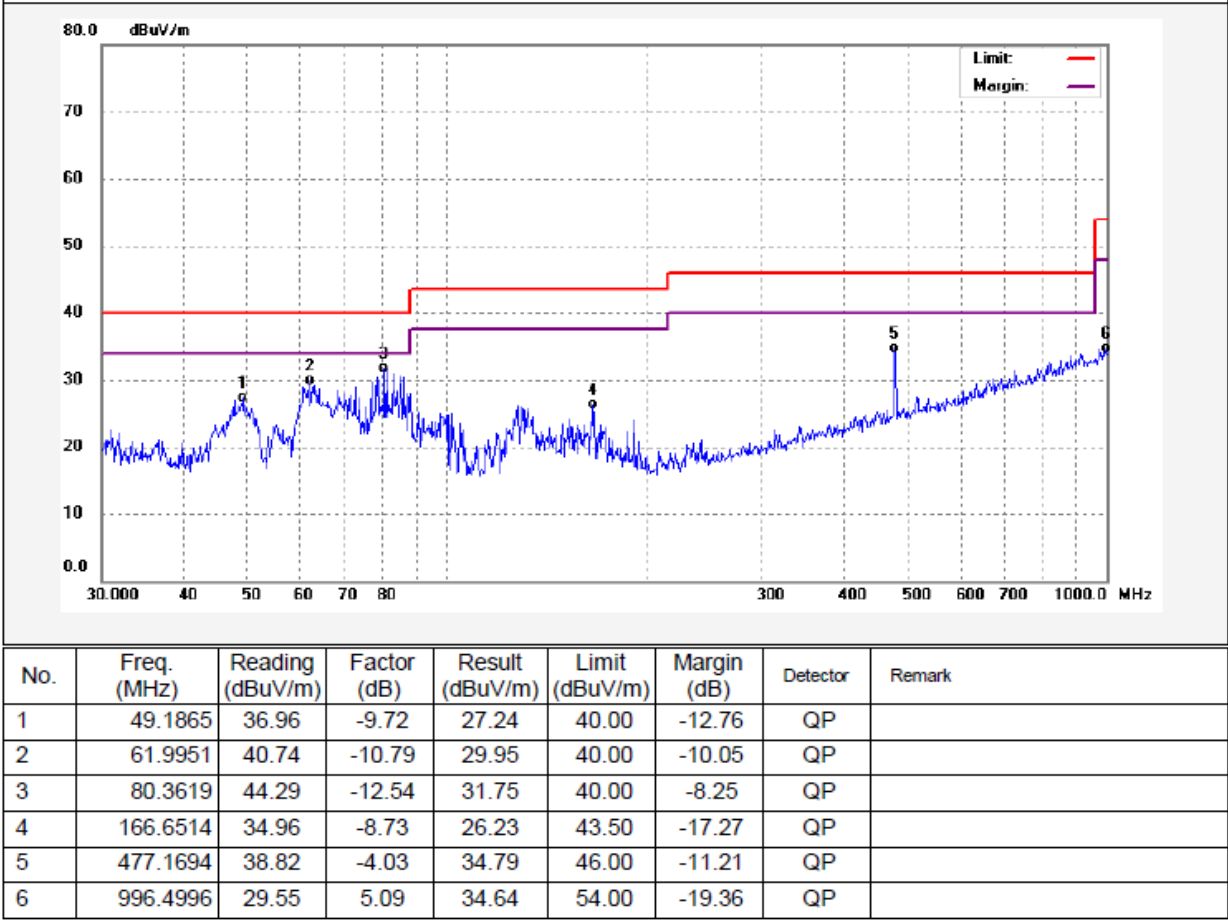


Middle:

Antenna Polarization: Horizontal

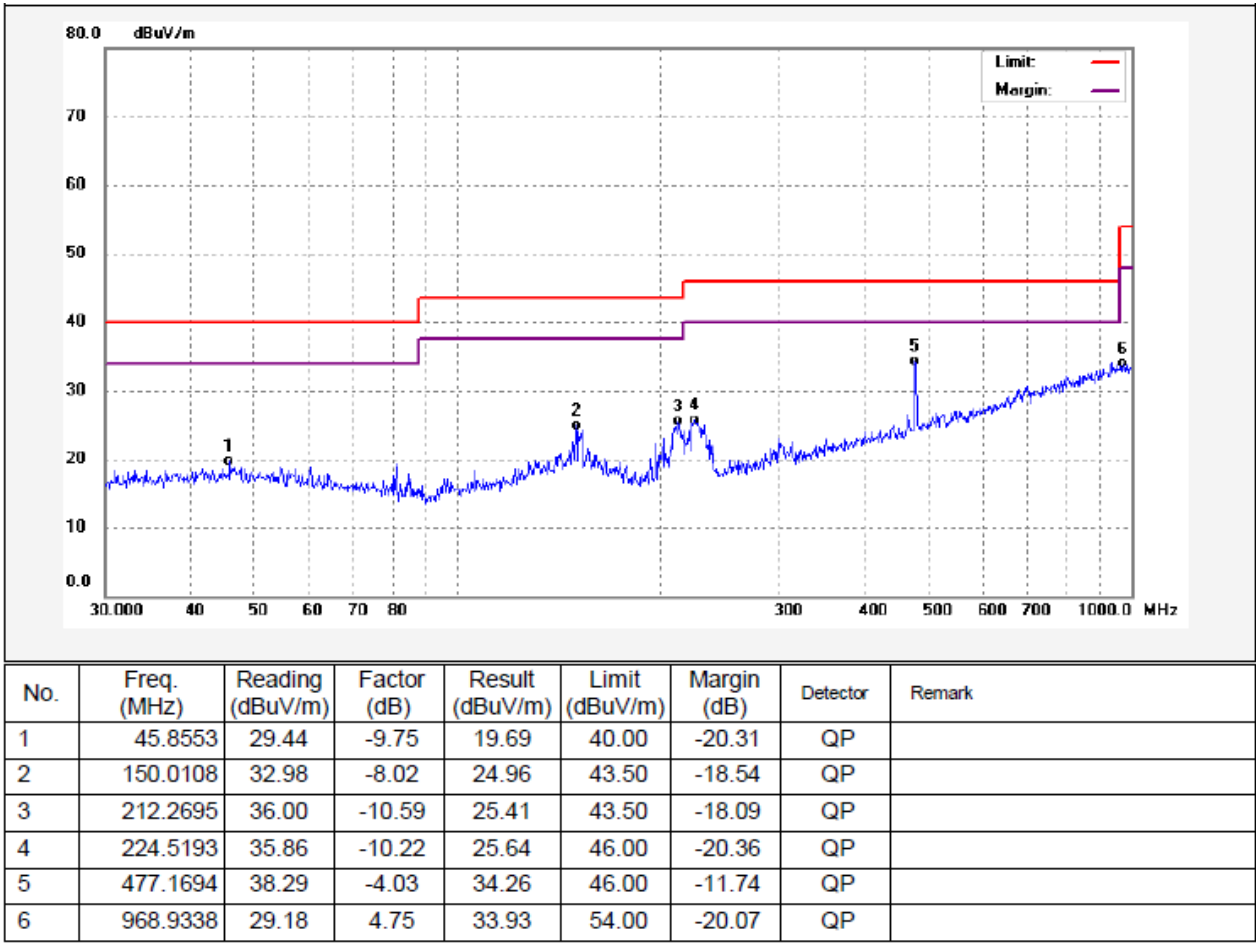


Antenna Polarization: Vertical

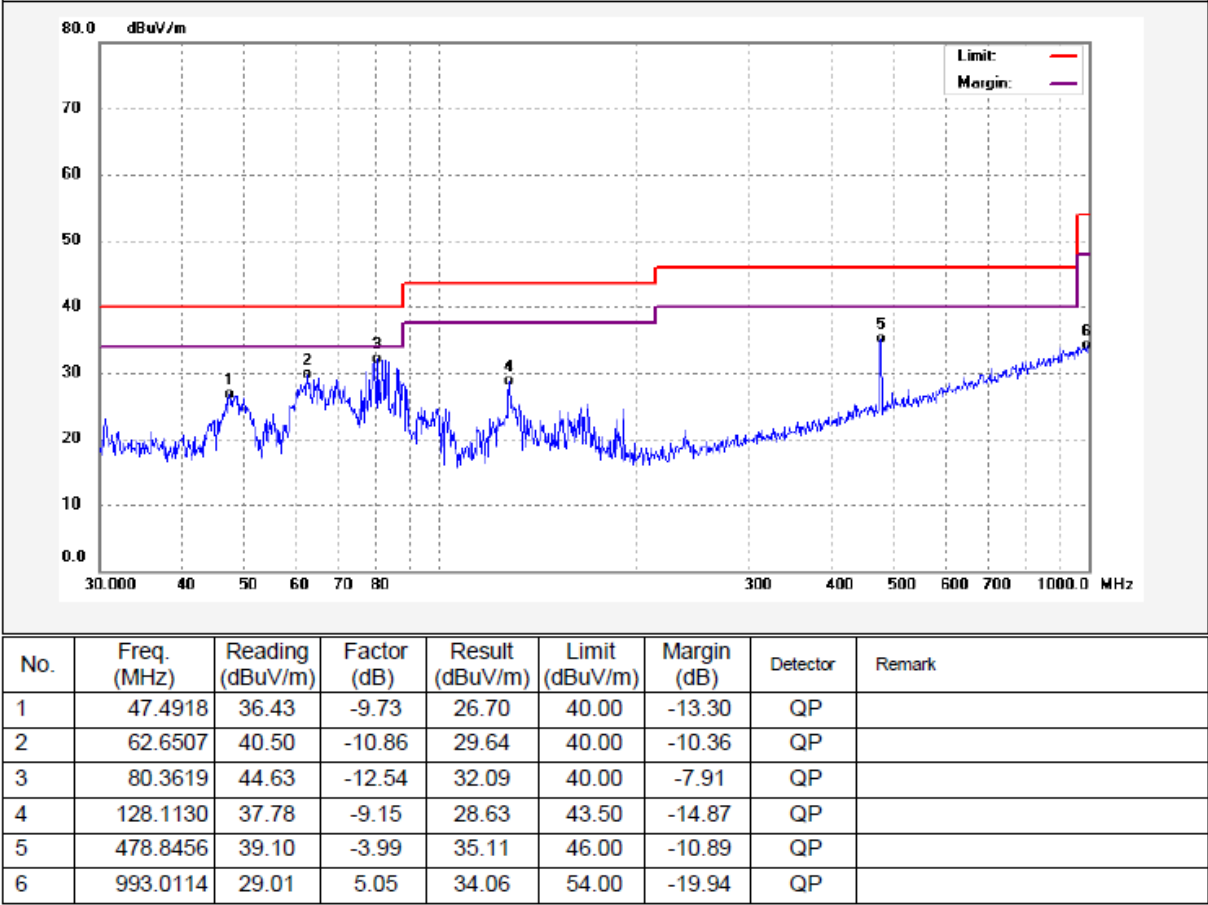


High:

Antenna Polarization: Horizontal

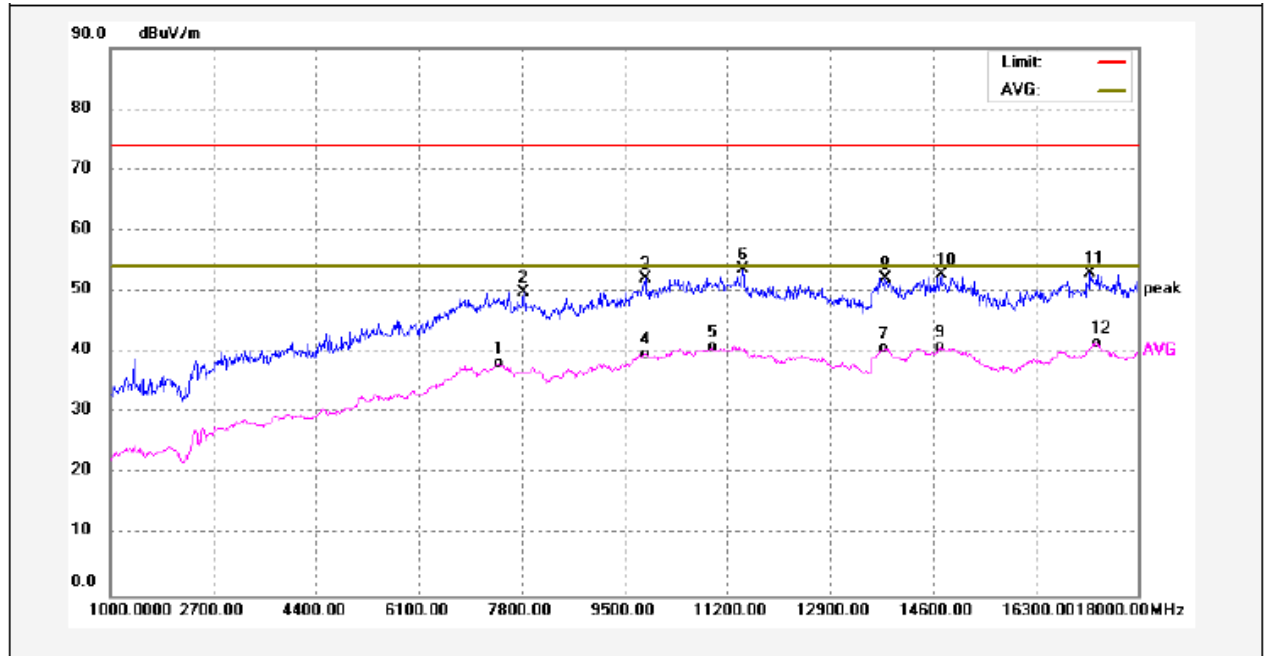


Antenna Polarization: Vertical



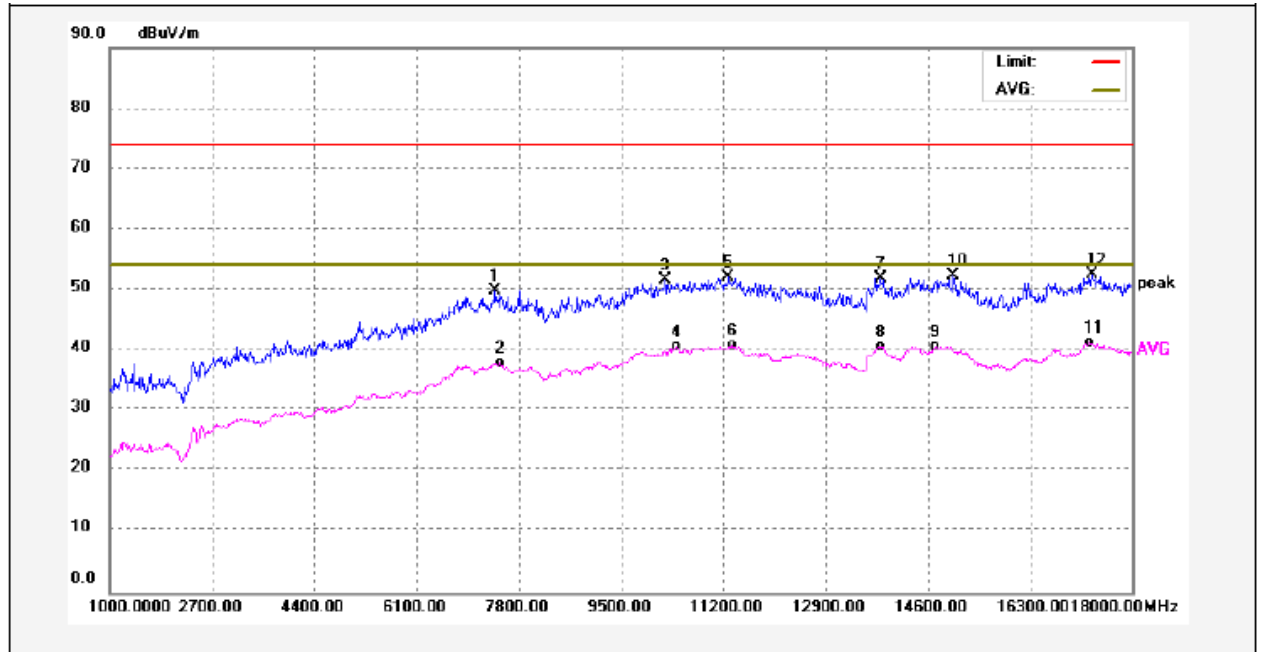
**Test Frequency: Above 1G****Low:**

Antenna Polarization: Horizontal



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|--------|
| 1   | 7426.000    | 37.25            | 0.81        | 38.06           | 54.00          | -15.94      | AVG      |        |
| 2   | 7834.000    | 49.62            | 0.21        | 49.83           | 74.00          | -24.17      | peak     |        |
| 3   | 9840.000    | 49.81            | 2.25        | 52.06           | 74.00          | -21.94      | peak     |        |
| 4   | 9840.000    | 37.53            | 2.25        | 39.78           | 54.00          | -14.22      | AVG      |        |
| 5   | 10962.000   | 36.92            | 3.83        | 40.75           | 54.00          | -13.25      | AVG      |        |
| 6   | 11455.000   | 49.97            | 3.71        | 53.68           | 74.00          | -20.32      | peak     |        |
| 7   | 13801.000   | 34.38            | 6.22        | 40.60           | 54.00          | -13.40      | AVG      |        |
| 8   | 13818.000   | 45.85            | 6.28        | 52.13           | 74.00          | -21.87      | peak     |        |
| 9   | 14719.000   | 33.63            | 7.24        | 40.87           | 54.00          | -13.13      | AVG      |        |
| 10  | 14736.000   | 45.48            | 7.20        | 52.68           | 74.00          | -21.32      | peak     |        |
| 11  | 17201.000   | 44.41            | 8.67        | 53.08           | 74.00          | -20.92      | peak     |        |
| 12  | 17303.000   | 32.57            | 8.90        | 41.47           | 54.00          | -12.53      | AVG      |        |

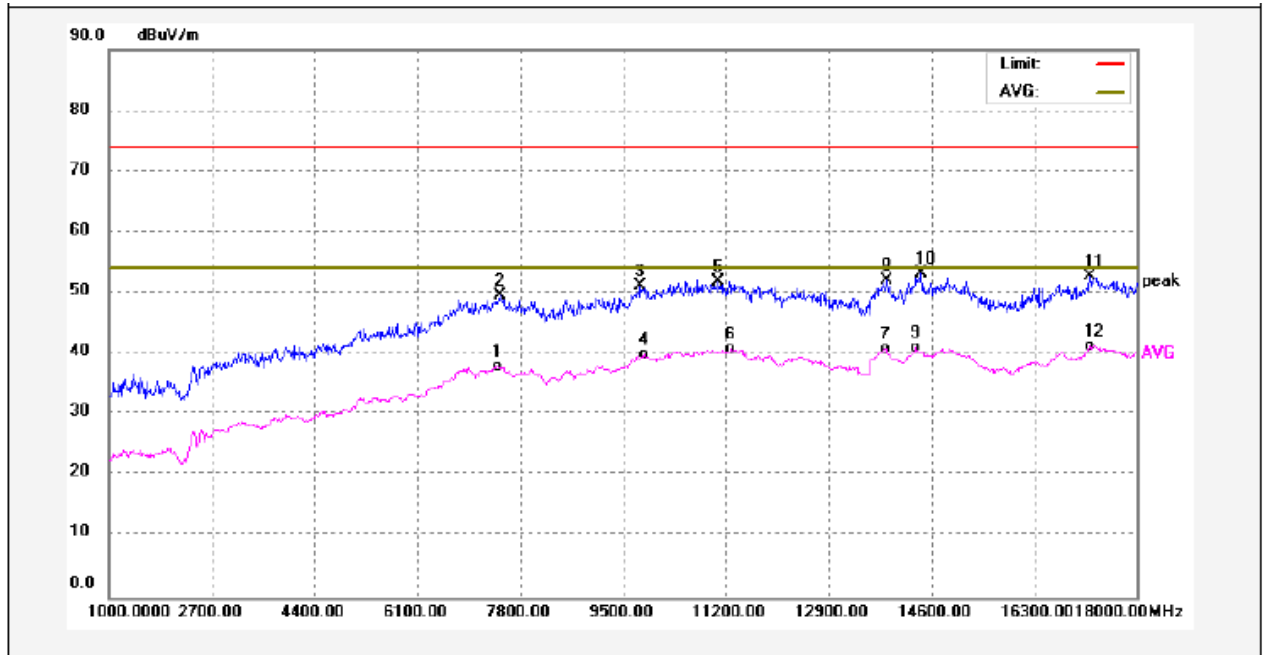
Antenna Polarization: Vertical



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|--------|
| 1   | 7409.000    | 49.02            | 0.83        | 49.85           | 74.00          | -24.15      | peak     |        |
| 2   | 7494.000    | 37.13            | 0.71        | 37.84           | 54.00          | -16.16      | AVG      |        |
| 3   | 10231.000   | 49.00            | 2.59        | 51.59           | 74.00          | -22.41      | peak     |        |
| 4   | 10418.000   | 37.55            | 2.97        | 40.52           | 54.00          | -13.48      | AVG      |        |
| 5   | 11285.000   | 48.25            | 3.77        | 52.02           | 74.00          | -21.98      | peak     |        |
| 6   | 11336.000   | 37.11            | 3.75        | 40.86           | 54.00          | -13.14      | AVG      |        |
| 7   | 13818.000   | 45.50            | 6.28        | 51.78           | 74.00          | -22.22      | peak     |        |
| 8   | 13818.000   | 34.43            | 6.28        | 40.71           | 54.00          | -13.29      | AVG      |        |
| 9   | 14719.000   | 33.34            | 7.24        | 40.58           | 54.00          | -13.42      | AVG      |        |
| 10  | 15025.000   | 45.65            | 6.58        | 52.23           | 74.00          | -21.77      | peak     |        |
| 11  | 17286.000   | 32.48            | 8.85        | 41.33           | 54.00          | -12.67      | AVG      |        |
| 12  | 17320.000   | 43.56            | 8.92        | 52.48           | 74.00          | -21.52      | peak     |        |

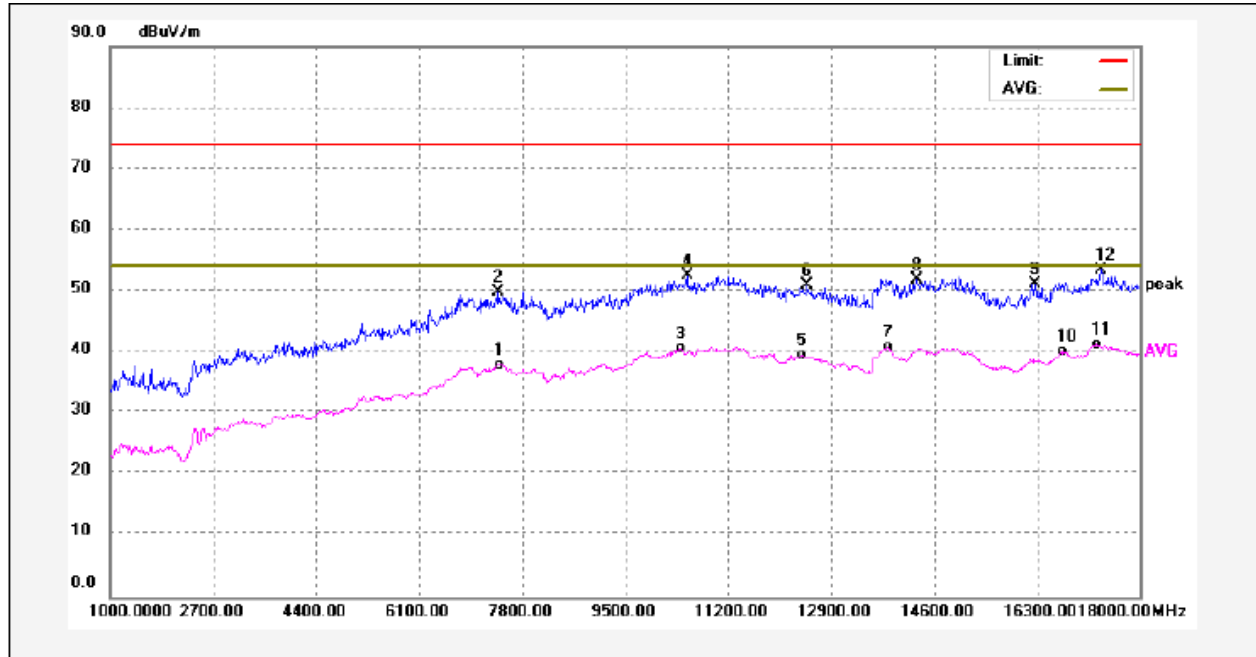
**Middle:**

Antenna Polarization: Horizontal



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|--------|
| 1   | 7426.000    | 37.08            | 0.81        | 37.89           | 54.00          | -16.11      | AVG      |        |
| 2   | 7460.000    | 48.78            | 0.75        | 49.53           | 74.00          | -24.47      | peak     |        |
| 3   | 9789.000    | 48.85            | 2.25        | 51.10           | 74.00          | -22.90      | peak     |        |
| 4   | 9840.000    | 37.75            | 2.25        | 40.00           | 54.00          | -14.00      | AVG      |        |
| 5   | 11081.000   | 47.99            | 3.85        | 51.84           | 74.00          | -22.16      | peak     |        |
| 6   | 11285.000   | 37.04            | 3.77        | 40.81           | 54.00          | -13.19      | AVG      |        |
| 7   | 13835.000   | 34.61            | 6.33        | 40.94           | 54.00          | -13.06      | AVG      |        |
| 8   | 13869.000   | 45.71            | 6.45        | 52.16           | 74.00          | -21.84      | peak     |        |
| 9   | 14345.000   | 33.54            | 7.42        | 40.96           | 54.00          | -13.04      | AVG      |        |
| 10  | 14430.000   | 45.66            | 7.54        | 53.20           | 74.00          | -20.80      | peak     |        |
| 11  | 17218.000   | 44.05            | 8.72        | 52.77           | 74.00          | -21.23      | peak     |        |
| 12  | 17218.000   | 32.62            | 8.72        | 41.34           | 54.00          | -12.66      | AVG      |        |

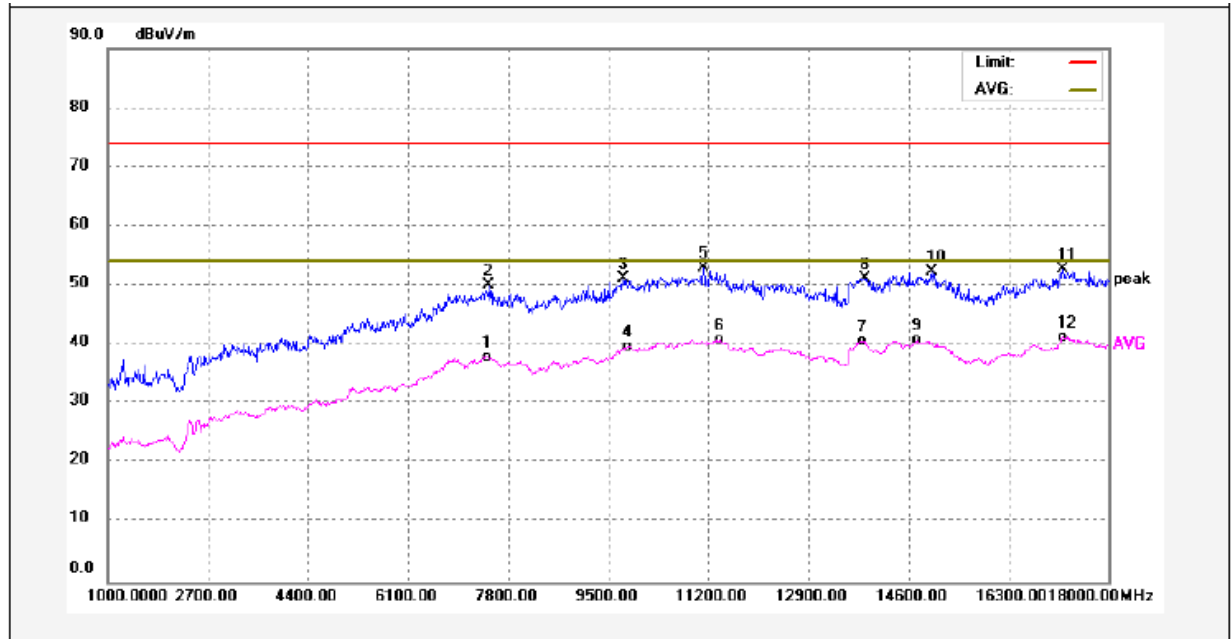
Antenna Polarization: Vertical



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|--------|
| 1   | 7392.000    | 37.16            | 0.83        | 37.99           | 54.00          | -16.01      | AVG      |        |
| 2   | 7409.000    | 49.02            | 0.83        | 49.85           | 74.00          | -24.15      | peak     |        |
| 3   | 10418.000   | 37.55            | 2.97        | 40.52           | 54.00          | -13.48      | AVG      |        |
| 4   | 10520.000   | 49.32            | 3.17        | 52.49           | 74.00          | -21.51      | peak     |        |
| 5   | 12407.000   | 36.58            | 2.88        | 39.46           | 54.00          | -14.54      | AVG      |        |
| 6   | 12509.000   | 47.92            | 2.99        | 50.91           | 74.00          | -23.09      | peak     |        |
| 7   | 13835.000   | 34.49            | 6.33        | 40.82           | 54.00          | -13.18      | AVG      |        |
| 8   | 14311.000   | 44.44            | 7.37        | 51.81           | 74.00          | -22.19      | peak     |        |
| 9   | 16266.000   | 46.45            | 4.80        | 51.25           | 74.00          | -22.75      | peak     |        |
| 10  | 16725.000   | 33.38            | 6.68        | 40.06           | 54.00          | -13.94      | AVG      |        |
| 11  | 17286.000   | 32.48            | 8.85        | 41.33           | 54.00          | -12.67      | AVG      |        |
| 12  | 17354.000   | 44.55            | 9.00        | 53.55           | 74.00          | -20.45      | peak     |        |

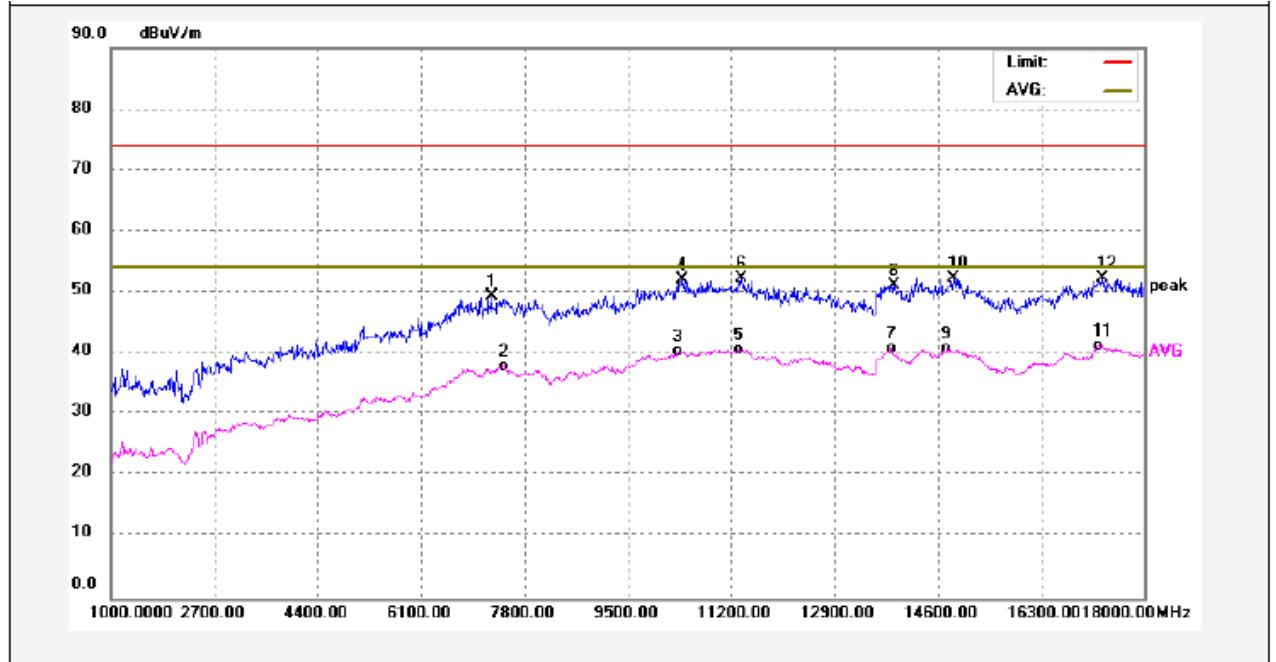
**High:**

Antenna Polarization: Horizontal



| No. | Freq.<br>(MHz) | Reading<br>(dBuV/m) | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Detector | Remark |
|-----|----------------|---------------------|----------------|--------------------|-------------------|----------------|----------|--------|
| 1   | 7443.000       | 37.13               | 0.79           | 37.92              | 54.00             | -16.08         | AVG      |        |
| 2   | 7477.000       | 49.28               | 0.73           | 50.01              | 74.00             | -23.99         | peak     |        |
| 3   | 9755.000       | 49.10               | 2.11           | 51.21              | 74.00             | -22.79         | peak     |        |
| 4   | 9823.000       | 37.54               | 2.27           | 39.81              | 54.00             | -14.19         | AVG      |        |
| 5   | 11115.000      | 49.12               | 3.84           | 52.96              | 74.00             | -21.04         | peak     |        |
| 6   | 11387.000      | 37.04               | 3.73           | 40.77              | 54.00             | -13.23         | AVG      |        |
| 7   | 13818.000      | 34.42               | 6.28           | 40.70              | 54.00             | -13.30         | AVG      |        |
| 8   | 13852.000      | 44.83               | 6.39           | 51.22              | 74.00             | -22.78         | peak     |        |
| 9   | 14736.000      | 33.65               | 7.20           | 40.85              | 54.00             | -13.15         | AVG      |        |
| 10  | 14991.000      | 45.66               | 6.72           | 52.38              | 74.00             | -21.62         | peak     |        |
| 11  | 17218.000      | 43.94               | 8.72           | 52.66              | 74.00             | -21.34         | peak     |        |
| 12  | 17218.000      | 32.61               | 8.72           | 41.33              | 54.00             | -12.67         | AVG      |        |

Antenna Polarization: Vertical



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|--------|
| 1   | 7256.000    | 48.72            | 0.67        | 49.39           | 74.00          | -24.61      | peak     |        |
| 2   | 7460.000    | 37.27            | 0.75        | 38.02           | 54.00          | -15.98      | AVG      |        |
| 3   | 10316.000   | 37.63            | 2.76        | 40.39           | 54.00          | -13.61      | AVG      |        |
| 4   | 10401.000   | 49.19            | 2.93        | 52.12           | 74.00          | -21.88      | peak     |        |
| 5   | 11319.000   | 36.90            | 3.77        | 40.67           | 54.00          | -13.33      | AVG      |        |
| 6   | 11370.000   | 48.53            | 3.74        | 52.27           | 74.00          | -21.73      | peak     |        |
| 7   | 13835.000   | 34.59            | 6.33        | 40.92           | 54.00          | -13.08      | AVG      |        |
| 8   | 13886.000   | 44.78            | 6.50        | 51.28           | 74.00          | -22.72      | peak     |        |
| 9   | 14753.000   | 33.67            | 7.16        | 40.83           | 54.00          | -13.17      | AVG      |        |
| 10  | 14855.000   | 45.34            | 6.98        | 52.32           | 74.00          | -21.68      | peak     |        |
| 11  | 17235.000   | 32.64            | 8.74        | 41.38           | 54.00          | -12.62      | AVG      |        |
| 12  | 17303.000   | 43.31            | 8.90        | 52.21           | 74.00          | -21.79      | peak     |        |

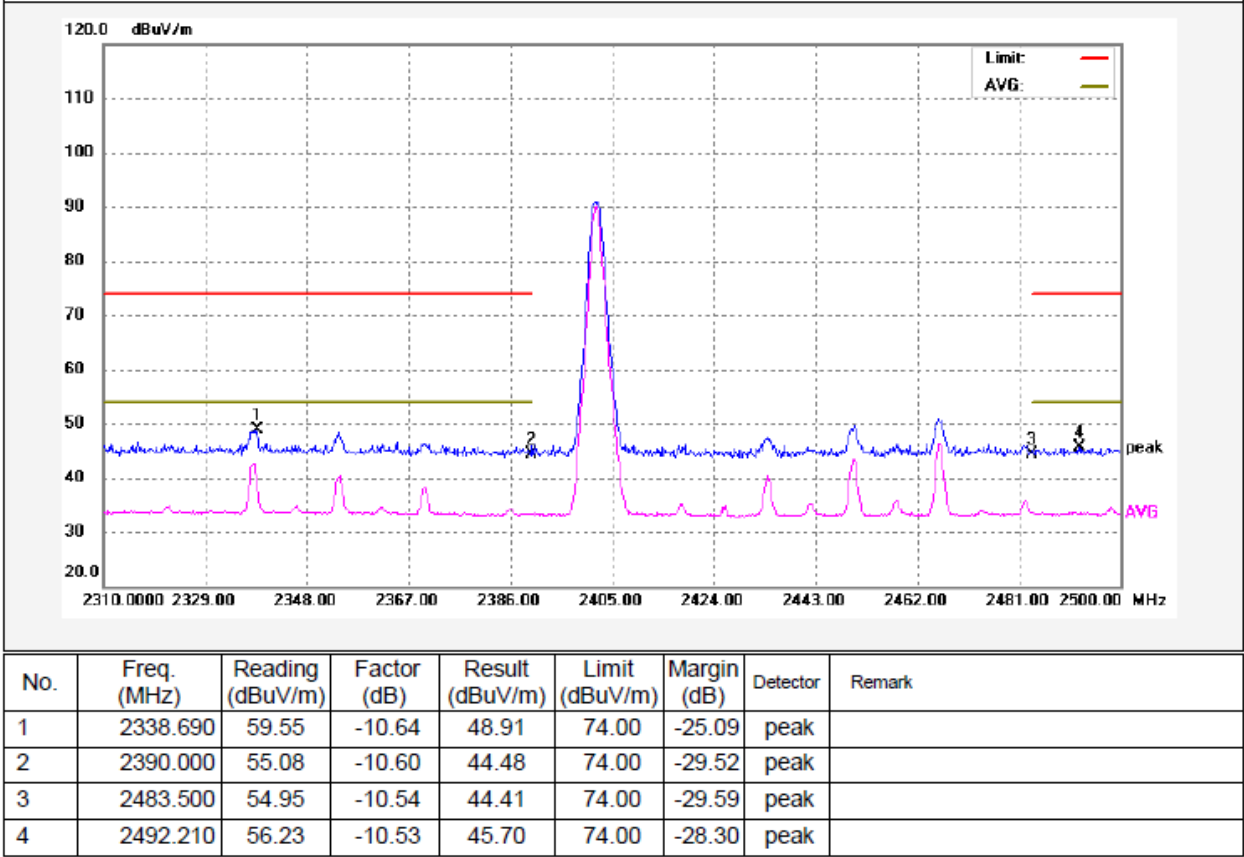
**Test Frequency: 18GHz~25GHz**

The measurements were more than 20 dB below the limit and not reported.

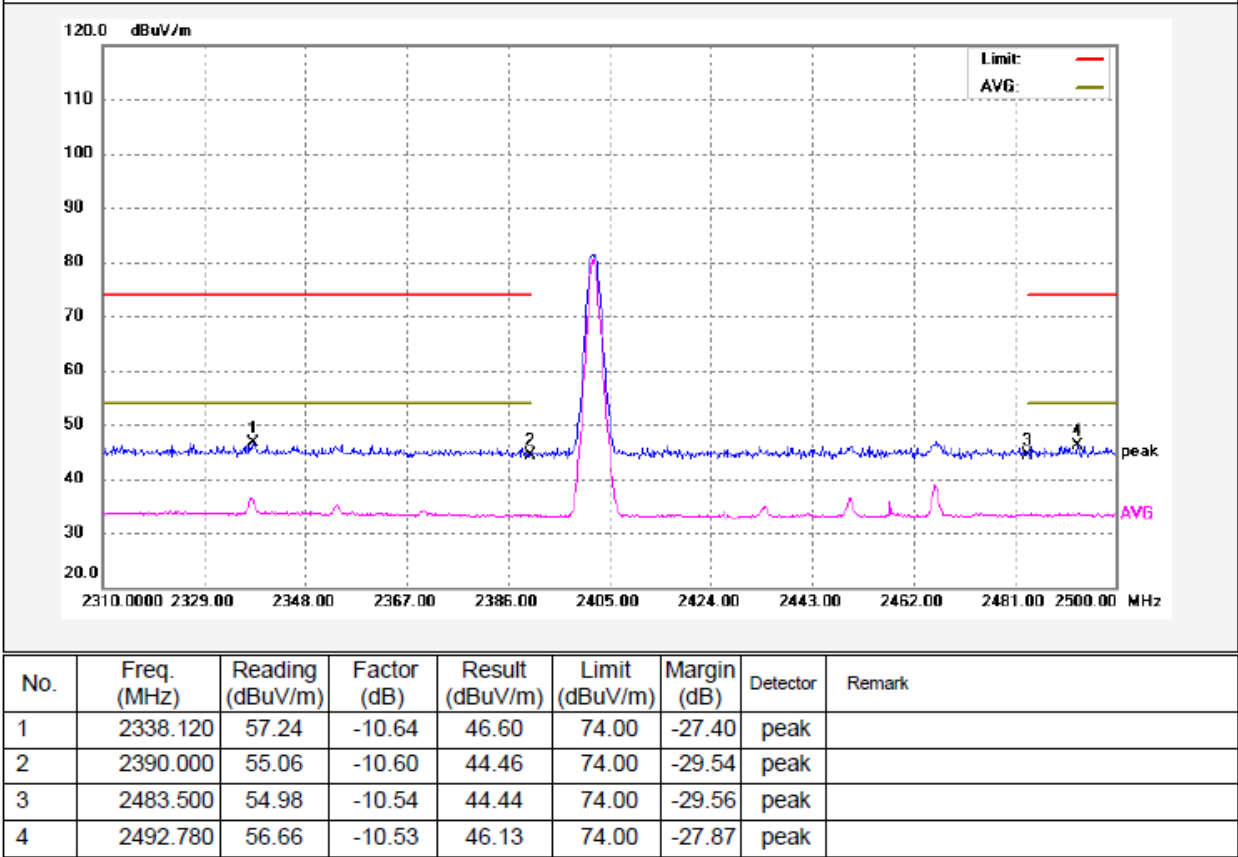
Radiated Restricted Band Emission

LE-1M-L

Antenna Polarization: Horizontal

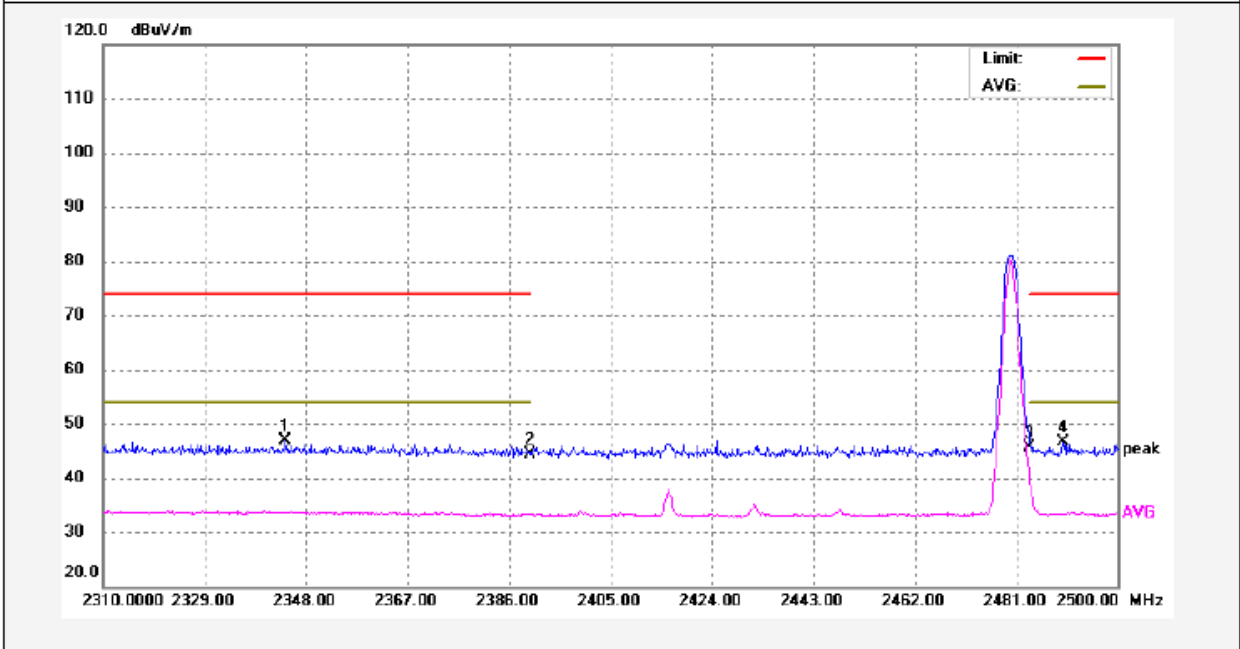


Antenna Polarization: Vertical



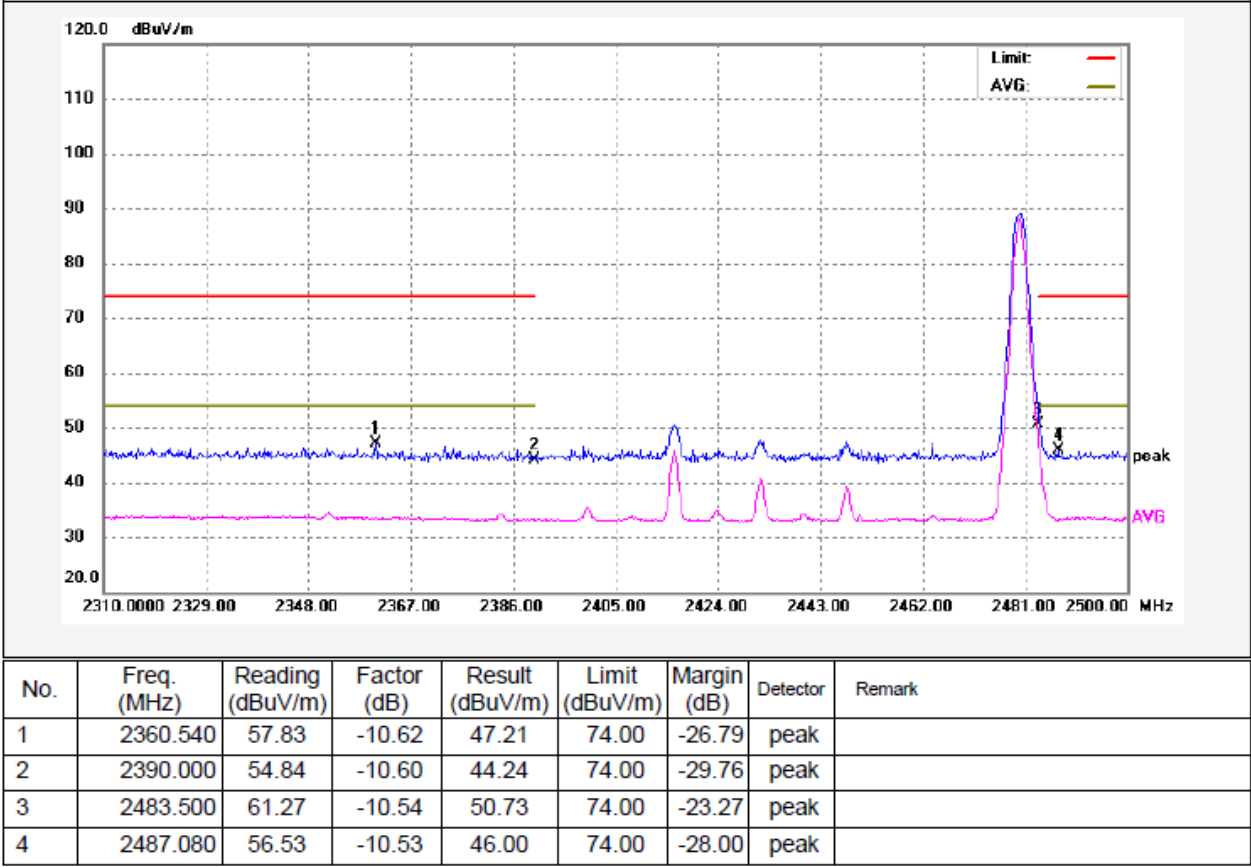
LE-1M-H

Antenna Polarization: Vertical



| No. | Freq. (MHz) | Reading (dBuV/m) | Factor (dB) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Remark |
|-----|-------------|------------------|-------------|-----------------|----------------|-------------|----------|--------|
| 1   | 2344.010    | 57.42            | -10.64      | 46.78           | 74.00          | -27.22      | peak     |        |
| 2   | 2390.000    | 55.04            | -10.60      | 44.44           | 74.00          | -29.56      | peak     |        |
| 3   | 2483.500    | 56.12            | -10.54      | 45.58           | 74.00          | -28.42      | peak     |        |
| 4   | 2489.740    | 57.19            | -10.53      | 46.66           | 74.00          | -27.34      | peak     |        |

Antenna Polarization: Horizontal



## **9 RF Exposure**

Note: Please refer to MPE Report: WTA26D05137439W002.

## **10 Photographs of test setup and EUT.**

Note: Please refer to appendix: Appendix-C26D-B-A031-1R-310-LH1-01-Photos.

=====End of Report=====