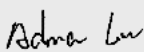




Test report No:  
2190372R-RF-US-P06V01

## FCC TEST REPORT

|                                            |                                                                                                                                                     |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name                               | M8 DeskPhone                                                                                                                                        |
| Trademark                                  | Alcatel-Lucent Enterprise                                                                                                                           |
| Model and /or type reference               | M8                                                                                                                                                  |
| FCC ID                                     | OL3M8                                                                                                                                               |
| Applicant's name / address                 | ALE International<br>32, Avenue Kléber – 92700 Colombes – FRANCE                                                                                    |
| Test method requested, standard            | FCC CFR Title 47 Part 15 Subpart C Section 15.247<br>ANSI C63.10: 2013<br>KDB 558074 D01v05r02<br>KDB 662911 D01 Multiple Transmitter Output v02r01 |
| Verdict Summary                            | IN COMPLIANCE                                                                                                                                       |
| Tested By<br>(name / position & signature) | Adma Lu/Project Engineer<br>                                     |
| Approved by (name / position & signature)  | Jack Zhang/ Supervisor<br>                                       |
| Date of issue                              | 2022-03-08                                                                                                                                          |
| Report Version                             | V1.2                                                                                                                                                |
| Report template No                         | Template_FCC Part 15C-RF-V1.0                                                                                                                       |

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## COMPETENCES AND GUARANTEES

DEKRA is a testing laboratory competent to carry out the tests described in this report.

In order to assure the traceability to other national and international laboratories, DEKRA has a calibration and maintenance program for its measurement equipment.

DEKRA guarantees the reliability of the data presented in this report, which is the result of the measurements and the tests performed to the item under test on the date and under the conditions stated in the report and it is based on the knowledge and technical facilities available at DEKRA at the time of performance of the test.

DEKRA is liable to the client for the maintenance of the confidentiality of all information related to the item under test and the results of the test.

The results presented in this Test Report apply only to the particular item under test established in this document.

**IMPORTANT:** No parts of this report may be reproduced or quoted out of context, in any form or by any means, except in full, without the previous written permission of DEKRA.

## GENERAL CONDITIONS

|                      |                                                                        |
|----------------------|------------------------------------------------------------------------|
| Test Location        | No. 99, Hongye Road, Suzhou Industrial Park Suzhou, 215006, P.R. China |
| Date(receive sample) | Sep. 13, 2021                                                          |
| Date (start test)    | Sep. 25, 2021                                                          |
| Date (finish test)   | Dec. 22, 2021                                                          |

1. This report is only referred to the item that has undergone the test.
2. This report does not constitute or imply on its own an approval of the product by the Certification Bodies or Competent Authorities.
3. This document is only valid if complete; no partial reproduction can be made without previous written permission of DEKRA.
4. This test report cannot be used partially or in full for publicity and/or promotional purposes without previous written permission of DEKRA.
5. The 2.4G WLAN part of AirEngine6761-21T is exactly the same as AirEngine5761-11, so we only verified the power and AC Power Line Conducted Emission, and other data are quoted from AirEngine5761-11.

## ENVIRONMENTAL CONDITIONS

The climatic conditions during the tests are within the limits specified by the manufacturer for the operation of the EUT and the test equipment. The climatic conditions during the tests were within the following limits:

|                       |               |
|-----------------------|---------------|
| Ambient temperature   | 15 °C – 35 °C |
| Relative Humidity air | 30% - 60%     |

If explicitly required in the basic standard or applied product / product family standard the climatic values are recorded and documented separately in this test report.

## POSSIBLE TEST CASE VERDICTS

|                                         |                 |
|-----------------------------------------|-----------------|
| Test case does not apply to test object | N/A             |
| Test object does meet requirement       | P (Pass) / PASS |
| Test object does not meet requirement   | F (Fail) / FAIL |
| Not measured                            | N/M             |

## ABBREVIATIONS

For the purposes of the present document, the following abbreviations apply:

|       |                               |
|-------|-------------------------------|
| EUT   | : Equipment Under Test        |
| QP    | : Quasi-Peak                  |
| CAV   | : CISPR Average               |
| AV    | : Average                     |
| CDN   | : Coupling Decoupling Network |
| SAC   | : Semi-Anechoic Chamber       |
| OATS  | : Open Area Test Site         |
| BW    | : Bandwidth                   |
| AM    | : Amplitude Modulation        |
| PM    | : Pulse Modulation            |
| HCP   | : Horizontal Coupling Plane   |
| VCP   | : Vertical Coupling Plane     |
| $U_N$ | : Nominal voltage             |
| $T_x$ | : Transmitter                 |
| $R_x$ | : Receiver                    |
| N/A   | : Not Applicable              |
| N/M   | : Not Measured                |

## DOCUMENT HISTORY

| Report No.            | Version | Description                                                                                                                                     | Issued Date |
|-----------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| 2190372R-RF-US-P06V01 | V1.0    | Initial issue of report.                                                                                                                        | 2022-03-01  |
| 2190372R-RF-US-P06V01 | V1.1    | Page7 Updated equipment list information, Page21-22updated AC Power Line Conducted Emission,Page51-52 Radiated Emission (30MHz-1GHz) test data. | 2022-03-07  |
| 2190372R-RF-US-P06V01 | V1.2    | Page22 Modified Note for AC Power Line Conducted Emission Test Data.                                                                            | 2022-03-08  |
|                       |         |                                                                                                                                                 |             |
|                       |         |                                                                                                                                                 |             |
|                       |         |                                                                                                                                                 |             |
|                       |         |                                                                                                                                                 |             |
|                       |         |                                                                                                                                                 |             |
|                       |         |                                                                                                                                                 |             |
|                       |         |                                                                                                                                                 |             |

## REMARKS AND COMMENTS

1. The equipment under test (EUT) does meet the essential requirements of the stated standard(s)/test(s).
2. These test results on a sample of the device are for the purpose of demonstrating Compliance with Part 15 Subpart C Paragraph 15.247.
3. The measurement result is considered in conformance with the requirement if it is within the prescribed limit, It is not necessary to account the uncertainty associated with the measurement result.
4. The test results presented in this report relate only to the object tested.
5. The test report shall not be reproduced without the written approval of DEKRA Testing and Certification (Suzhou) Co., Ltd.
6. This report will not be used for social proof function in China market.
7. DEKRA declines any responsibility with the following test data provided by customer that may affect the validity of result:
  - Chapter 1.1 General Description of the Item(s);
  - Chapter 1.2 Antenna Informaion;
  - Chapter 1.3 Test Data Rate;
  - Chapter 1.4 Channel List;

## USED EQUIPMENT

### AC Power Line Conducted Emission / TR1

| Instrument                 | Manufacturer | Model No. | Serial No. | Cal. Date  | Next Cal. Date |
|----------------------------|--------------|-----------|------------|------------|----------------|
| EMI Test Receiver          | R&S          | ESCI      | 100906     | 2021.04.28 | 2022.04.27     |
| Two-Line V-Network         | R&S          | ENV216    | 101044     | 2021.03.20 | 2022.03.19     |
| 50ohm Termination          | SHX          | TF2       | 7081403    | 2021.09.04 | 2022.09.03     |
| 50ohm Coaxial Switch       | Anritsu      | MP59B     | 6200464462 | N/A        | N/A            |
| Temperature/Humidity Meter | RTS          | RTS-8S    | TR1-TH     | 2021.07.09 | 2022.07.08     |
| Dekra test software        | Dekra        | -         | -          | -          | -              |

### Emissions in non-restricted frequency bands/ Occupied Bandwidth/ Fundamental emission output power/ Power Spectral Density/Band Edge/ TR8

| Instrument                 | Manufacturer | Model No. | Serial No.     | Cal. Date  | Next Cal. Date |
|----------------------------|--------------|-----------|----------------|------------|----------------|
| Spectrum Analyzer          | Agilent      | N9010A    | MY48030494     | 2021.07.11 | 2022.07.10     |
| EXA Spectrum Analyzer      | Keysight     | N9010A    | MY55370495     | 2021.03.20 | 2022.03.19     |
| MXA Signal Analyzer        | Keysight     | N9020A    | MY56060147     | 2021.07.11 | 2022.07.12     |
| 4TX MIMO Power Sensor      | Keysight     | X8750A    | MY59400102     | 2021.03.31 | 2022.03.30     |
| Coaxial Cable              | Woken        | SFL402    | F02-150410-044 | 2021.12.30 | 2022.12.29     |
| Temperature/Humidity Meter | RTS          | RTS-8S    | RF08           | 2021.07.09 | 2022.07.08     |

### Radiated Emission(30MHz-1GHz) / AC3

| Instrument                 | Manufacturer | Model No. | Serial No. | Cal. Date  | Next Cal. Date |
|----------------------------|--------------|-----------|------------|------------|----------------|
| EMI Test Receiver          | R&S          | ESCI      | 100176     | 2021.07.11 | 2022.07.10     |
| Loop Antenna               | R&S          | HFH2-Z2   | 833799/003 | 2022.03.02 | 2023.03.01     |
| Bilog Antenna              | Teseq GmbH   | CBL6112D  | 27613      | 2021.08.23 | 2022.08.22     |
| Coaxial Cable              | Huber+Suhner | RG 214    | AC3-C      | 2021.03.31 | 2022.03.30     |
| Temperature/Humidity Meter | RTS          | RTS-8S    | AC3-TH     | 2021.07.09 | 2022.07.08     |
| Dekra test software        | Dekra        | -         | -          | -          | -              |

## Radiated Emission(1GHz-40GHz) / AC5

| Instrument                    | Manufacturer | Model No.              | Serial No. | Cal. Date  | Next Cal. Date |
|-------------------------------|--------------|------------------------|------------|------------|----------------|
| EXA Spectrum Analyzer         | Keysight     | N9010A                 | MY55370495 | 2021.03.20 | 2022.03.19     |
| Preamplifier                  | EMCI         | EMC184045SE            | 980263     | 2021.05.24 | 2022.05.23     |
| DRG Horn Antenna              | ETS-Lindgren | 3117                   | 00167055   | 2021.08.23 | 2022.08.22     |
| Broad-Band Horn Antenna       | Schwarzbeck  | BBHA9170               | 294        | 2021.04.14 | 2023.04.13     |
| Coaxial Cable                 | Huber+Suhner | SUCOFLEX<br>106        | AC5-C2     | 2021.03.31 | 2022.03.30     |
| Coaxial Cable                 | ROSENBERGER  | LA1-C011-<br>2000/3000 | AC5-40G    | 2021.03.20 | 2022.03.19     |
| Temperature/Humidity<br>Meter | RTS          | RTS-8S                 | AC5-TH     | 2021.07.09 | 2022.07.08     |
| High-Pass Filter              | Wainwright   | WHKX3.0/18G-<br>12SS   | AC5&AC6    | 2021.06.08 | 2022.06.07     |
| Dekra test software           | Dekra        | -                      | -          | -          | -              |

## UNCERTAINTY

Uncertainties have been calculated according to the DEKRA internal document. The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of approximately 95%.

| Test item                        | Uncertainty                                                                                                                            |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| AC Power Line Conducted Emission | $\pm 2.92$ dB                                                                                                                          |
| Peak Power Output                | $\pm 1.13$ dB                                                                                                                          |
| Radiated Emission(30MHz~1GHz)    | Horizontal: 30MHz~200MHz: 4.60 dB<br>200MHz~1GHz: 4.10 dB<br>Vertical: 30MHz~200MHz: 4.80 dB<br>200MHz~1GHz: 4.10 dB                   |
| Radiated Emission(1GHz~40GHz)    | Horizontal: 1GHz~18GHz: 5.00 dB<br>Vertical: 1GHz~18GHz: 4.80 dB<br>Horizontal: 18GHz~40GHz: 4.70 dB<br>Vertical: 18GHz~40GHz: 4.60 dB |
| RF antenna conducted test        | $\pm 1.13$ dB                                                                                                                          |
| Radiated Emission Band Edge      | $\pm 5.00$ dB                                                                                                                          |
| DTS Bandwidth                    | $\pm 279$ Hz                                                                                                                           |
| Occupied Bandwidth               | $\pm 279$ Hz                                                                                                                           |
| Power Density                    | $\pm 1.13$ dB                                                                                                                          |

## 1 GENERAL INFORMATION

### 1.1 General Description of the Item(s)

|                            |                                             |
|----------------------------|---------------------------------------------|
| Product Name .....         | M8 DeskPhone                                |
| Model No.....              | M8                                          |
| FCC ID .....               | OL3M8                                       |
| Manufacturer .....         | ALE International                           |
| Manufacturer address ..... | 32, Avenue Kléber – 92700 Colombes – FRANCE |

|                                    |                                                                                          |
|------------------------------------|------------------------------------------------------------------------------------------|
| Wireless specifiction .....        | WIFI                                                                                     |
| Operating frequency range(s) ..... | 2400~2483.5MHz                                                                           |
| Type of modulation .....           | 802.11b: DSSS-DBPSK, DQPSK, CCK<br>802.11g/n: OFDM-BPSK, QPSK, 16QAM, 64QAM              |
| Number of channel.....             | 802.11b/g/n(20MHz) : 11<br>802.11n(40MHz) : 07                                           |
| Data Rate .....                    | 802.11n: up to 150 Mbps                                                                  |
| Device category .....              | <input type="checkbox"/> Fixed point-to-point                                            |
|                                    | <input type="checkbox"/> Emit multiple directional beams, simultaneously or sequentially |
|                                    | <input checked="" type="checkbox"/> Other cases                                          |

|                          |                                     |                                                               |
|--------------------------|-------------------------------------|---------------------------------------------------------------|
| Rated power supply ..... | Voltage and Frequency               |                                                               |
|                          | <input type="checkbox"/>            | AC: 220 – 240 V, 50/60 Hz                                     |
|                          | <input type="checkbox"/>            | AC: 100 – 240 V, 50/60 Hz                                     |
|                          | <input checked="" type="checkbox"/> | 48 Volt via POE                                               |
|                          | <input checked="" type="checkbox"/> | Adapter:<br>Input: 100-240V,50/60H, 0.3A<br>Output:5V,2A ,10W |
| Mounting position.....   | <input checked="" type="checkbox"/> | Table top equipment                                           |
|                          | <input type="checkbox"/>            | Wall/Ceiling mounted equipment                                |
|                          | <input type="checkbox"/>            | Floor standing equipment                                      |
|                          | <input type="checkbox"/>            | Head-mounted equipment                                        |
|                          | <input type="checkbox"/>            | Other: RF Module                                              |

## 1.2 Antenna Information

|                                    |                                     |              |                                                 |
|------------------------------------|-------------------------------------|--------------|-------------------------------------------------|
| Antenna model / type number..... : | N/A                                 |              |                                                 |
| Antenna serial number..... :       | N/A                                 |              |                                                 |
| Antenna Delivery .....             | <input checked="" type="checkbox"/> | 1TX + 1RX    |                                                 |
|                                    | <input type="checkbox"/>            | 2TX + 2RX    |                                                 |
|                                    | <input type="checkbox"/>            | Others:..... |                                                 |
| Antenna technology .....           | <input checked="" type="checkbox"/> | SISO         |                                                 |
|                                    | <input type="checkbox"/>            | MIMO         | <input type="checkbox"/> CDD                    |
|                                    |                                     |              | <input type="checkbox"/> Beam-forming           |
| Antenna Type..... :                | <input type="checkbox"/>            | External     | <input type="checkbox"/> Dipole                 |
|                                    |                                     |              | <input type="checkbox"/> Sectorized             |
|                                    | <input checked="" type="checkbox"/> | Internal     | <input type="checkbox"/> FPC                    |
|                                    |                                     |              | <input checked="" type="checkbox"/> PCB         |
|                                    |                                     |              | <input type="checkbox"/> Metal Monopole Antenna |
|                                    |                                     |              | <input type="checkbox"/> Ceramic chip           |
|                                    |                                     |              | <input type="checkbox"/> Others.....            |
| Antenna Gain .....                 | 2.61dBi                             |              |                                                 |

### 1.3 Test Data Rate

| Modulation | Data Rate(Mb/s) |
|------------|-----------------|
| DSSS       | 1               |
| DSSS       | 2               |
| CCK        | 5.5             |
| CCK        | 11              |

#### IEEE 802.11g

| Modulation | R   | Data Rate(Mb/s) |
|------------|-----|-----------------|
| BPSK       | 1/2 | 6               |
| BPSK       | 3/4 | 9               |
| QPSK       | 1/2 | 12              |
| QPSK       | 3/4 | 18              |
| 16-QAM     | 1/2 | 24              |
| 16-QAM     | 3/4 | 36              |
| 64-QAM     | 2/3 | 48              |
| 64-QAM     | 3/4 | 54              |

#### IEEE 802.11n

| Spatial streames | MCS Index | Modulation | R   | Data Rate(Mb/s) |       |          |       |
|------------------|-----------|------------|-----|-----------------|-------|----------|-------|
|                  |           |            |     | 800ns GI        |       | 400ns GI |       |
|                  |           |            |     | 20MHz           | 40MHz | 20MHz    | 40MHz |
| 1                | 0         | BPSK       | 1/2 | 6.5             | 13.5  | 7.2      | 15.0  |
| 1                | 1         | QPSK       | 1/2 | 13.0            | 27.0  | 14.4     | 30.0  |
| 1                | 2         | QPSK       | 3/4 | 19.5            | 40.5  | 21.7     | 45.0  |
| 1                | 3         | 16-QAM     | 1/2 | 26.0            | 54.0  | 28.9     | 60.0  |
| 1                | 4         | 16-QAM     | 3/4 | 39.0            | 81.0  | 43.3     | 90.0  |
| 1                | 5         | 64-QAM     | 2/3 | 52.0            | 108.0 | 57.8     | 120.0 |
| 1                | 6         | 64-QAM     | 3/4 | 58.5            | 121.5 | 65.0     | 135.0 |
| 1                | 7         | 64-QAM     | 5/6 | 65.0            | 135.0 | 72.2     | 150.0 |

Note 1: Support of 400ns GI is optional on transmit and receive.

| Symbol | Explanation    |
|--------|----------------|
| R      | Code rate      |
| GI     | guard interval |

## 1.4 Channel List

### IEEE 802.11b/g & IEEE 802.11n (20MHz)

| Working Frequency of Each Channel |           |         |           |         |           |         |           |
|-----------------------------------|-----------|---------|-----------|---------|-----------|---------|-----------|
| Channel                           | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
| 1                                 | 2412 MHz  | 2       | 2417 MHz  | 3       | 2422 MHz  | 4       | 2427 MHz  |
| 5                                 | 2432 MHz  | 6       | 2437 MHz  | 7       | 2442 MHz  | 8       | 2447 MHz  |
| 9                                 | 2452 MHz  | 10      | 2457 MHz  | 11      | 2462 MHz  | -       | -         |

### IEEE 802.11n(40MHz)

| Working Frequency of Each Channel |           |         |           |         |           |         |           |
|-----------------------------------|-----------|---------|-----------|---------|-----------|---------|-----------|
| Channel                           | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
| 3                                 | 2422 MHz  | 4       | 2427 MHz  | 5       | 2432 MHz  | 6       | 2437 MHz  |
| 7                                 | 2442 MHz  | 8       | 2447 MHz  | 9       | 2452 MHz  | -       | -         |

Note: The General Description of the Item, antenna information, Test Data Rate and Channel List in clause 1 are provided and confirmed by the client.

## 2 DESCRIPTION OF TEST SETUP

### 2.1 Operating mode(s) used for tests

During the tests the following operating mode(s) has(have) been used.

|           |                                    |
|-----------|------------------------------------|
| Test Mode | Mode 1: Transmit by 802.11b        |
|           | Mode 2: Transmit by 802.11g        |
|           | Mode 3: Transmit by 802.11n(20MHz) |
|           | Mode 4: Transmit by 802.11n(40MHz) |

### 2.2 Accessories Information

| Accessories Information | Brand/model name | Cable                       |                                     |                                     |
|-------------------------|------------------|-----------------------------|-------------------------------------|-------------------------------------|
|                         |                  | Length used during test [m] | Attached during test                | Shielded                            |
| LAN Cable               | N/A              | 10                          | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| LAN Cable               | N/A              | 0.5                         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
|                         |                  |                             | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                         |                  |                             | <input type="checkbox"/>            | <input type="checkbox"/>            |
|                         |                  |                             | <input type="checkbox"/>            | <input type="checkbox"/>            |

### 2.3 Support / Auxiliary equipment / unit / Test software for the EUT

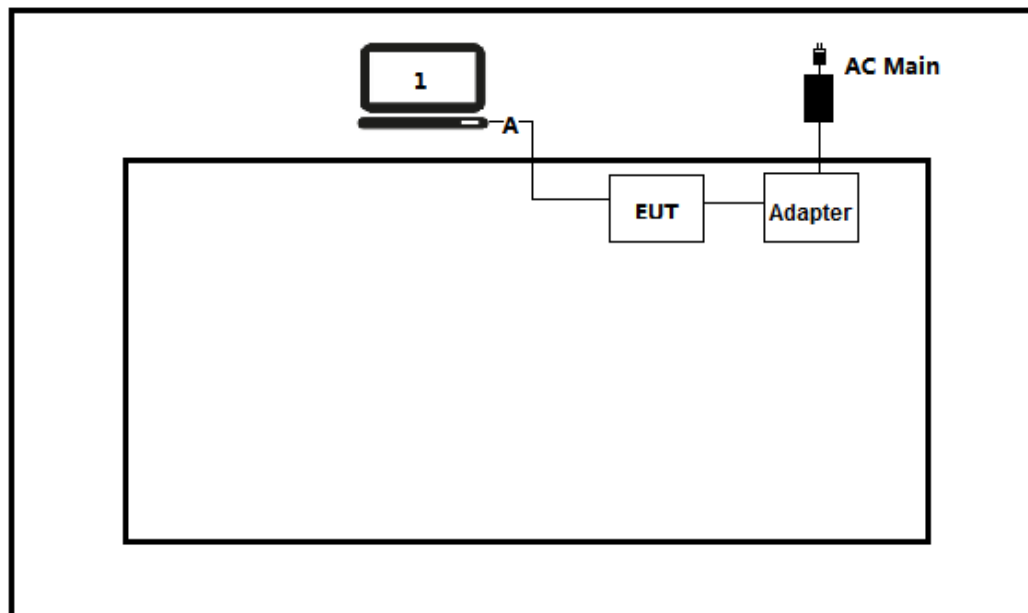
The EUT has been tested with the following auxiliary equipment / unit / software:

| Auxiliary equipment | Type / Version | Manufacturer | Supplied by |
|---------------------|----------------|--------------|-------------|
| Notebook            | Think pad x220 | Lenovo       | Adapter     |
| software            | Type / Version | Manufacturer | Supplied by |
| MobaXterm           | N/A            | N/A          | N/A         |

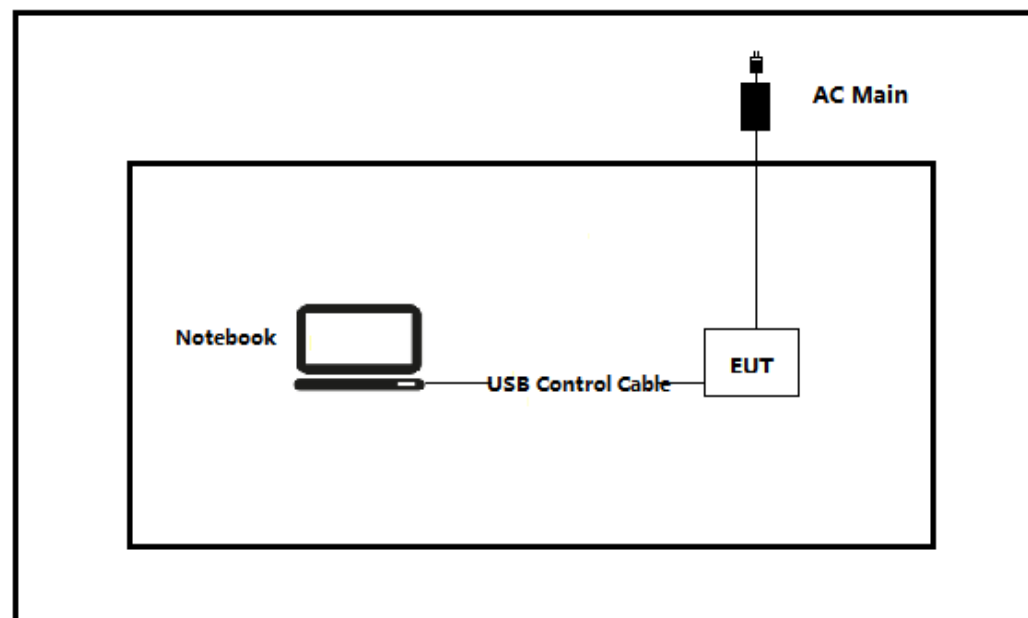
## 2.4 Test Configuration / Block diagram used for tests

The following test setup / configuration / block diagram has been used during the tests:

Test setup Diagram- AC Line Conducted Emission Test



Test setup Diagram- Radiated Emission



## 2.5 Testing process

|   |                                                                                                                               |
|---|-------------------------------------------------------------------------------------------------------------------------------|
| 1 | Setup the EUT as shown in Section 2.4.                                                                                        |
| 2 | Run the software “MobaXterm” on the notebook computer.                                                                        |
| 3 | Open the serial port and enter the corresponding commands to configure the test mode, test channel, test power and data rate. |
| 4 | Verify that the EUT works properly.                                                                                           |

### 3 VERDICT SUMMARY SECTION

This chapter presents an overview of standards and results. Refer to the next chapters for details of measured test results and applied test levels.

#### 3.1 Standards

| Standard                                          | Year | Description                                                                                                                  |
|---------------------------------------------------|------|------------------------------------------------------------------------------------------------------------------------------|
| FCC CFR Title 47 Part 15 Subpart C Section 15.247 | 2020 | Operation within the bands 902–928 MHz, 2400–2483.5 MHz, and 5725–5850 MHz.                                                  |
| ANSI C63.10                                       | 2013 | American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices                               |
| KDB 558074 D01V05r02                              | 2019 | Guidance for performing compliance measurements on Digital Transmission System (DTS) operating under section 15.247          |
| RSS-Gen Issue 5 Amendment 2                       | 2021 | General Requirements for Compliance of Radio Apparatus                                                                       |
| RSS-247 Issue 2                                   | 2017 | Digital Transmission Systems (DTSS), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices |

### 3.2 Overview of results

#### For FCC

| Requirement – Test case                     | Basic standard(s)         | Verdict | Remark |
|---------------------------------------------|---------------------------|---------|--------|
| AC Power Line Conducted Emission            | FCC 15.207                | PASS    | ---    |
| Emissions in restricted frequency bands     | FCC 15.247(b)(3)          | PASS    | ---    |
| Duty cycle                                  | ANSI C63.10:2013          | PASS    | ---    |
| Emissions in non-restricted frequency bands | FCC 15.247(d), FCC 15.209 | PASS    | ---    |
| Band Edge                                   | FCC 15.247(d)             | PASS    | ---    |
| Fundamental emission output power           | FCC 15.247(d), FCC 15.209 | PASS    | ---    |
| DTS Bandwidth                               | FCC 15.247(a)(2)          | PASS    | ---    |
| Power Spectral Density                      | FCC 15.247(e)             | PASS    | ---    |
| Antenna Requirement                         | FCC 15.203                | PASS    | ---    |

### 3.3 Test Facility

**USA : FCC Designation Number: CN1199**

## 4 TEST RESULTS

|                                             |                      |
|---------------------------------------------|----------------------|
| <b>4.1 AC Power Line Conducted Emission</b> | <b>VERDICT: PASS</b> |
|---------------------------------------------|----------------------|

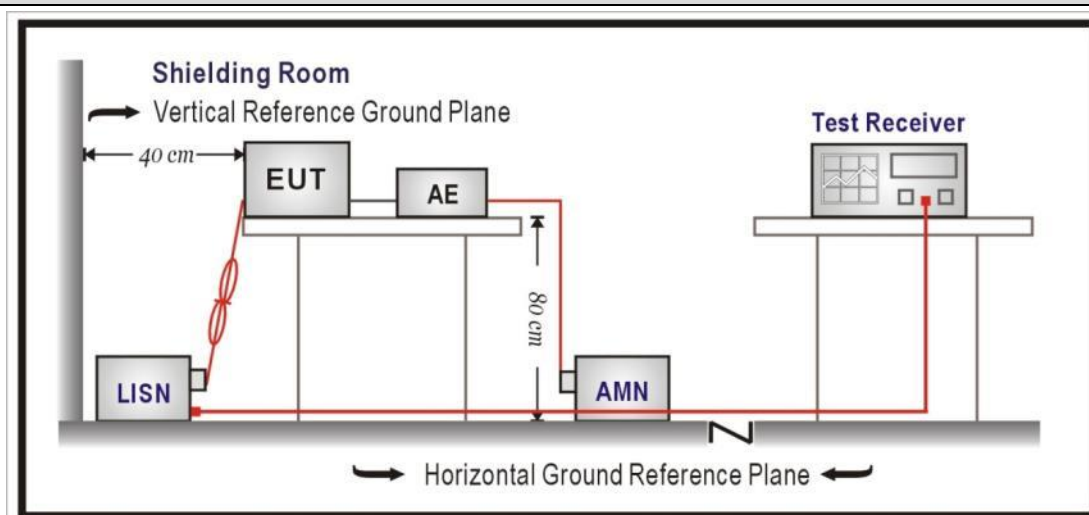
### 4.1.1 Limit

| Standard              | FCC Part 15 Subpart C Paragraph 15.207 |                                   |
|-----------------------|----------------------------------------|-----------------------------------|
| Frequency range [MHz] | Limit: QP [dB(μV) <sup>1)</sup> ]      | Limit: AV [dB(μV) <sup>1)</sup> ] |
| 0,15 - 0,50           | 66 - 56 <sup>2)</sup>                  | 56 - 46 <sup>2)</sup>             |
| 0,50 - 5,0            | 56                                     | 46                                |
| 5,0 - 30              | 60                                     | 50                                |

<sup>1)</sup> At the transition frequency, the lower limit applies.

<sup>2)</sup> The limit decreases linearly with the logarithm of the frequency.

### 4.1.2 Test Setup

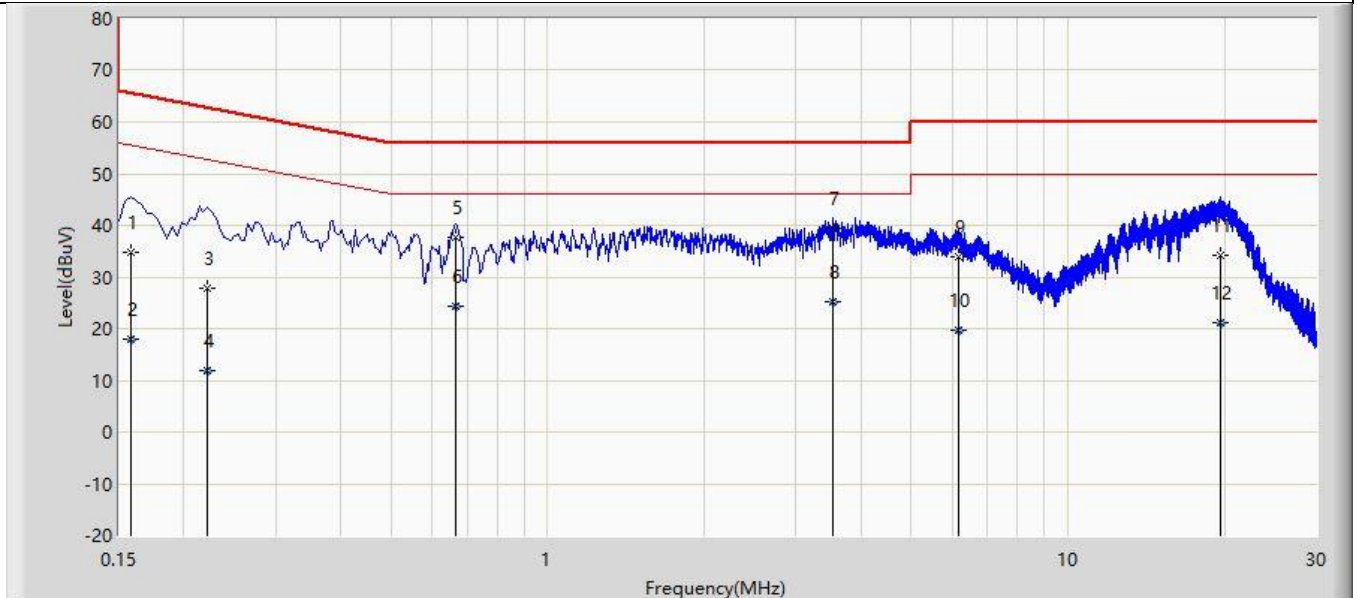


### 4.1.3 Test Procedure

|                                     | References Rule  | Chapter | Item                                                                                        |
|-------------------------------------|------------------|---------|---------------------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | ANSI C63.10-2013 | 6.2     | Standard test method for ac power-line conducted emissions from unlicensed wireless devices |

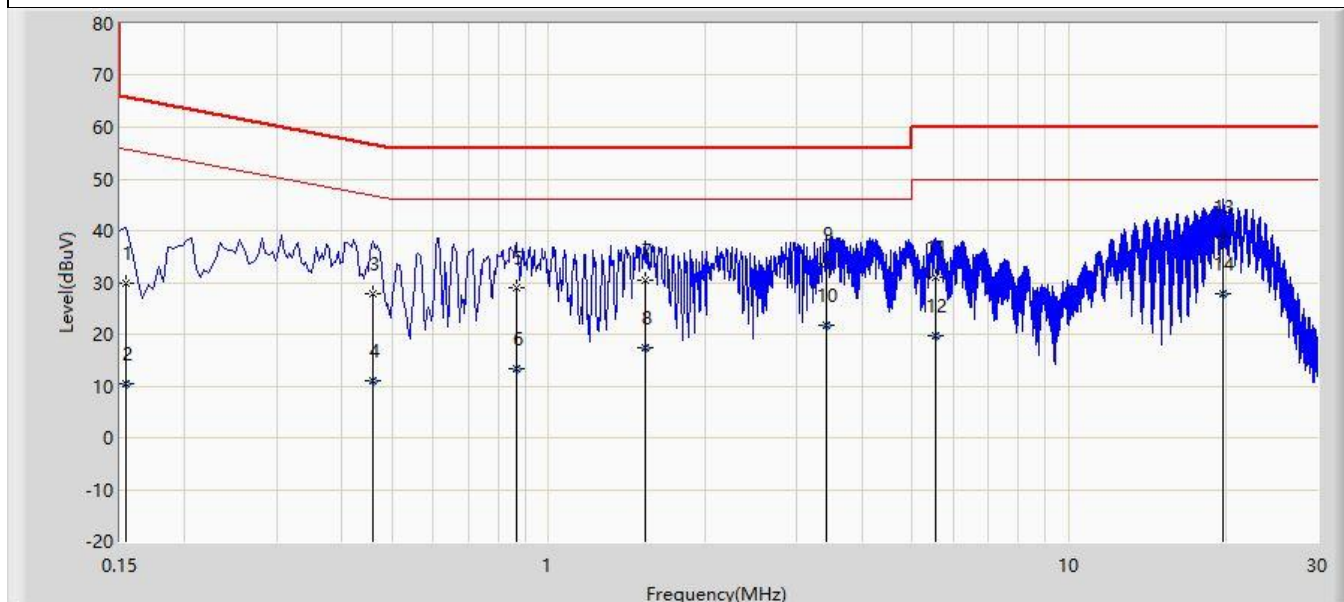
#### 4.1.4 Test Data

|                                   |                          |
|-----------------------------------|--------------------------|
| Profile:2190372R                  | Page No.: 19             |
| Engineer: Tim Cao                 |                          |
| Site: TR1                         | Time: 2022/03/07 - 11:03 |
| Limit: FCC_Part15.107_CE_AC Power | Margin: 0                |
| Probe: ENV216_101190(0.009-30MHz) | Polarity: Line           |
| EUT: M8 DESKPHONE                 | Power: AC 120V/60Hz      |
| Note: Mode: 1                     |                          |



| No | Mark | Frequency (MHz) | Measure Level (dBuV) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV) | Probe (dB) | Cable (dB) | Amp (dB) | Type |
|----|------|-----------------|----------------------|----------------------|-----------------|--------------|------------|------------|----------|------|
| 1  |      | 0.158           | 34.655               | 24.988               | -30.914         | 65.568       | 9.642      | 0.025      | 0.000    | QP   |
| 2  |      | 0.158           | 18.032               | 8.365                | -37.536         | 55.568       | 9.642      | 0.025      | 0.000    | AV   |
| 3  |      | 0.222           | 27.931               | 18.252               | -34.813         | 62.744       | 9.649      | 0.029      | 0.000    | QP   |
| 4  |      | 0.222           | 11.742               | 2.064                | -41.002         | 52.744       | 9.649      | 0.029      | 0.000    | AV   |
| 5  |      | 0.666           | 37.655               | 27.967               | -18.345         | 56.000       | 9.640      | 0.048      | 0.000    | QP   |
| 6  |      | 0.666           | 24.232               | 14.544               | -21.768         | 46.000       | 9.640      | 0.048      | 0.000    | AV   |
| 7  | *    | 3.526           | 39.303               | 29.519               | -16.697         | 56.000       | 9.665      | 0.119      | 0.000    | QP   |
| 8  |      | 3.526           | 25.179               | 15.395               | -20.821         | 46.000       | 9.665      | 0.119      | 0.000    | AV   |
| 9  |      | 6.142           | 33.997               | 24.133               | -26.003         | 60.000       | 9.707      | 0.157      | 0.000    | QP   |
| 10 |      | 6.142           | 19.694               | 9.830                | -30.306         | 50.000       | 9.707      | 0.157      | 0.000    | AV   |
| 11 |      | 19.642          | 34.267               | 24.010               | -25.733         | 60.000       | 9.973      | 0.284      | 0.000    | QP   |
| 12 |      | 19.642          | 21.092               | 10.835               | -28.908         | 50.000       | 9.973      | 0.284      | 0.000    | AV   |

|                                   |                          |
|-----------------------------------|--------------------------|
| Profile: 2190372R                 | Page No.: 20             |
| Engineer: Tim Cao                 |                          |
| Site: TR1                         | Time: 2022/03/07 - 11:05 |
| Limit: FCC_Part15.107_CE_AC Power | Margin: 0                |
| Probe: ENV216_101190(0.009-30MHz) | Polarity: Neutral        |
| EUT: M8 DESKPHONE                 | Power: AC 120V/60Hz      |
| Note: Mode: 1                     |                          |



| No | Mark | Frequency (MHz) | Measure Level (dBuV) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV) | Probe (dB) | Cable (dB) | Amp (dB) | Type |
|----|------|-----------------|----------------------|----------------------|-----------------|--------------|------------|------------|----------|------|
| 1  |      | 0.154           | 29.984               | 20.330               | -35.798         | 65.781       | 9.629      | 0.025      | 0.000    | QP   |
| 2  |      | 0.154           | 10.342               | 0.688                | -45.440         | 55.781       | 9.629      | 0.025      | 0.000    | AV   |
| 3  |      | 0.458           | 27.786               | 18.127               | -28.942         | 56.729       | 9.620      | 0.040      | 0.000    | QP   |
| 4  |      | 0.458           | 11.109               | 1.450                | -35.619         | 46.729       | 9.620      | 0.040      | 0.000    | AV   |
| 5  |      | 0.866           | 28.953               | 19.275               | -27.047         | 56.000       | 9.626      | 0.053      | 0.000    | QP   |
| 6  |      | 0.866           | 13.228               | 3.549                | -32.772         | 46.000       | 9.626      | 0.053      | 0.000    | AV   |
| 7  |      | 1.534           | 30.497               | 20.794               | -25.503         | 56.000       | 9.630      | 0.073      | 0.000    | QP   |
| 8  |      | 1.534           | 17.308               | 7.605                | -28.692         | 46.000       | 9.630      | 0.073      | 0.000    | AV   |
| 9  |      | 3.422           | 33.631               | 23.859               | -22.369         | 56.000       | 9.654      | 0.118      | 0.000    | QP   |
| 10 |      | 3.422           | 21.743               | 11.970               | -24.257         | 46.000       | 9.654      | 0.118      | 0.000    | AV   |
| 11 |      | 5.538           | 31.012               | 21.172               | -28.988         | 60.000       | 9.691      | 0.149      | 0.000    | QP   |
| 12 |      | 5.538           | 19.826               | 9.986                | -30.174         | 50.000       | 9.691      | 0.149      | 0.000    | AV   |
| 13 | *    | 19.786          | 38.909               | 28.706               | -21.091         | 60.000       | 9.918      | 0.285      | 0.000    | QP   |
| 14 |      | 19.786          | 27.766               | 17.563               | -22.234         | 50.000       | 9.918      | 0.285      | 0.000    | AV   |

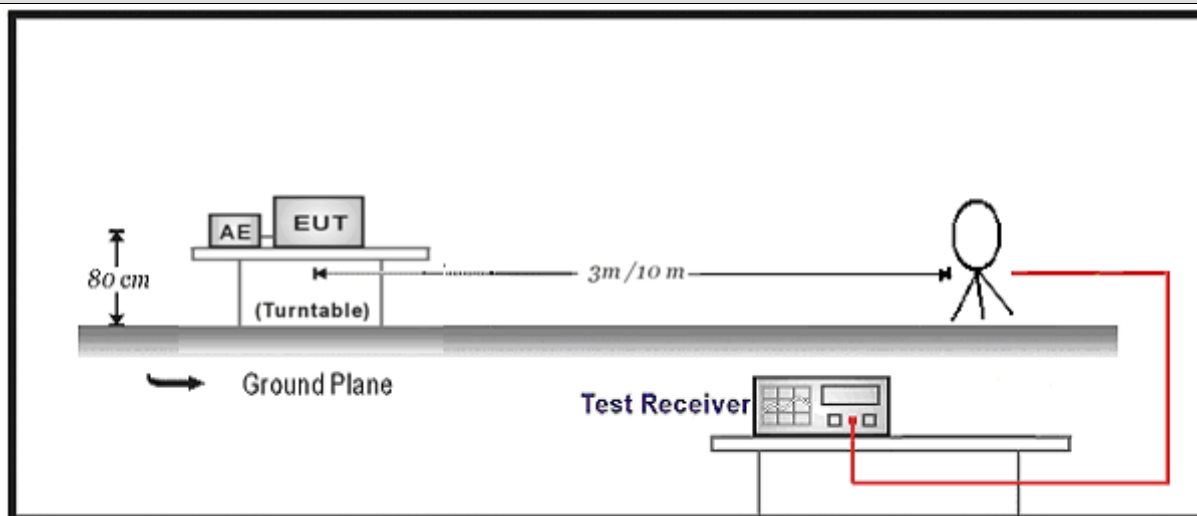
**4.2 Emissions in restricted frequency bands****VERDICT: PASS****4.2.1 Limit**

| Standard                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       | FCC Part 15 Subpart C Paragraph 15.205; 15.209 |                          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|------------------------------------------------|--------------------------|
| Restricted Bands of operation for FCC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                                                |                          |
| Frequency (MHz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Frequency (MHz)       | Frequency (MHz)                                | Frequency (GHz)          |
| 0.090 – 0.110                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 16.42 – 16.423        | 399.9 – 410                                    | 4.5 – 5.15               |
| 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            |
| 8.81425 – 8.81475                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 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                                    | Above 38.6               |
| 13.36 – 13.41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | --                    | --                                             | --                       |
| Restricted Band Emissions Limit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                       |                                                |                          |
| Frequency (MHz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Field strength (μV/m) | Field strength (dBμV/m)                        | Measurement distance (m) |
| 0.009 - 0.49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2400/F(kHz)           | 48.5 – 13.8                                    | 300 <sup>(Note 1)</sup>  |
| 0.49 - 1.705                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 24000/F(kHz)          | 33.8 - 23                                      | 30 <sup>(Note 1)</sup>   |
| 1.705 - 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 30                    | 29.5                                           | 30 <sup>(Note 1)</sup>   |
| 30 - 88                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 100                   | 40                                             | 3 <sup>(Note 2)</sup>    |
| 88 - 216                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 150                   | 43.5                                           | 3 <sup>(Note 2)</sup>    |
| 216 - 960                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 200                   | 46                                             | 3 <sup>(Note 2)</sup>    |
| Above 960                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 500                   | 54                                             | 3 <sup>(Note 2)</sup>    |
| Note 1: At frequencies below 30 MHz, measurements may be performed at a distance closer than that specified in the regulations; however, an attempt should be made to avoid making measurements in the near field. Pending the development of an appropriate measurement procedure for measurements performed below 30 MHz, when performing measurements at a closer distance than specified, the results shall be extrapolated to the specified distance by either making measurements at a minimum of two distances on at least one radial to determine the proper extrapolation factor or by using the square of an inverse linear distance extrapolation factor (40 dB/decade). |                       |                                                |                          |
| Note 2: At frequencies at or above 30 MHz, measurements may be performed at a distance other than what is specified provided: measurements are not made in the near field except where it can be shown that near field measurements are appropriate due to the characteristics of the device; and it can be demonstrated that the signal levels needed to be measured at the distance employed can be detected by the measurement equipment. Measurements shall not be performed at a distance greater than 30 meters unless it can be further demonstrated                                                                                                                         |                       |                                                |                          |

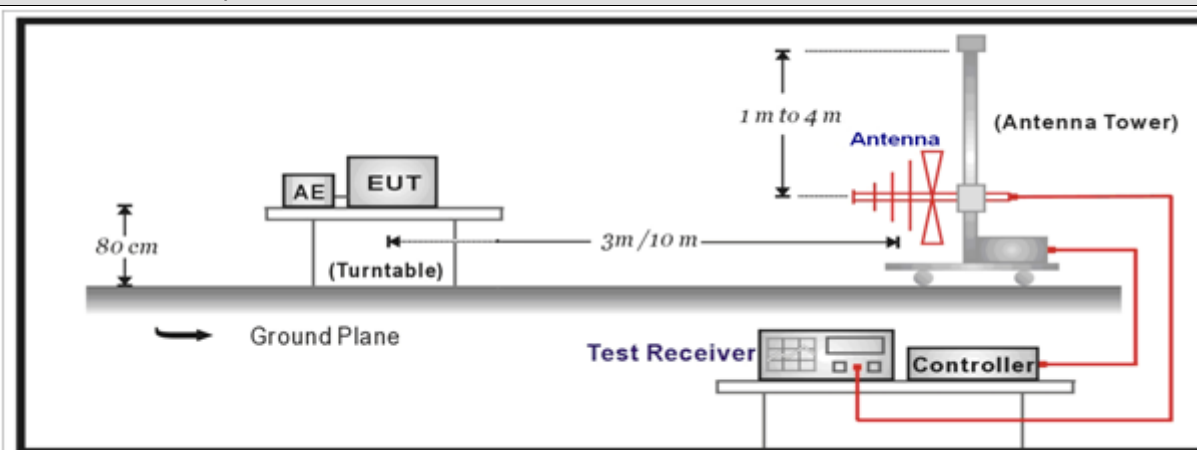
that measurements at a distance of 30 meters or less are impractical. When performing measurements at a distance other than that specified, the results shall be extrapolated to the specified distance using an extrapolation factor of 20 dB/decade (inverse linear-distance for field strength measurements; inverse-linear-distance-squared for power density measurements).

## 4.2.2 Test Setup

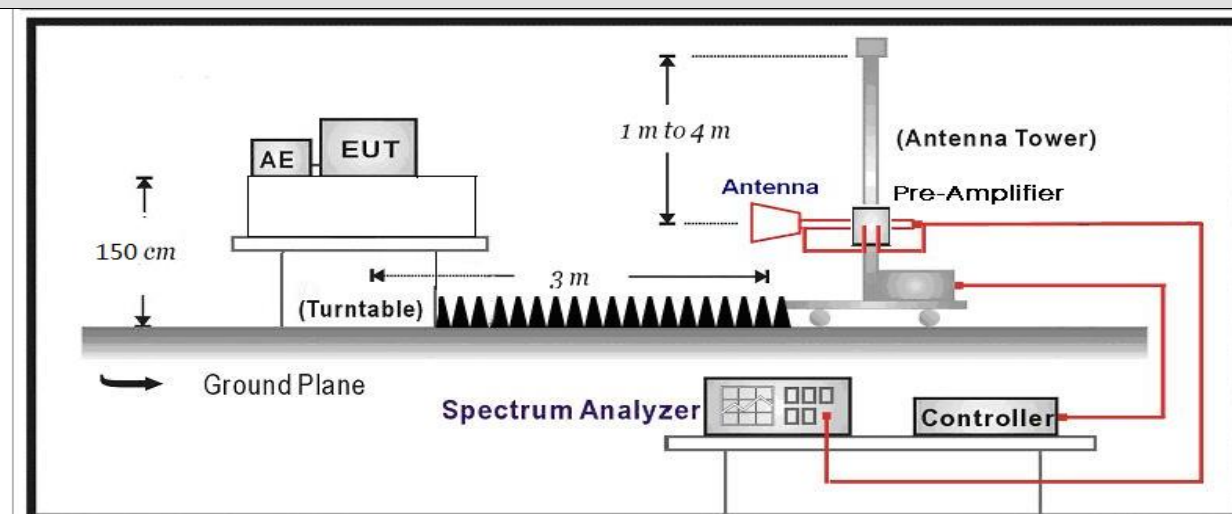
Below 30MHz Test Setup:



30MHz-1GHz Test Setup:



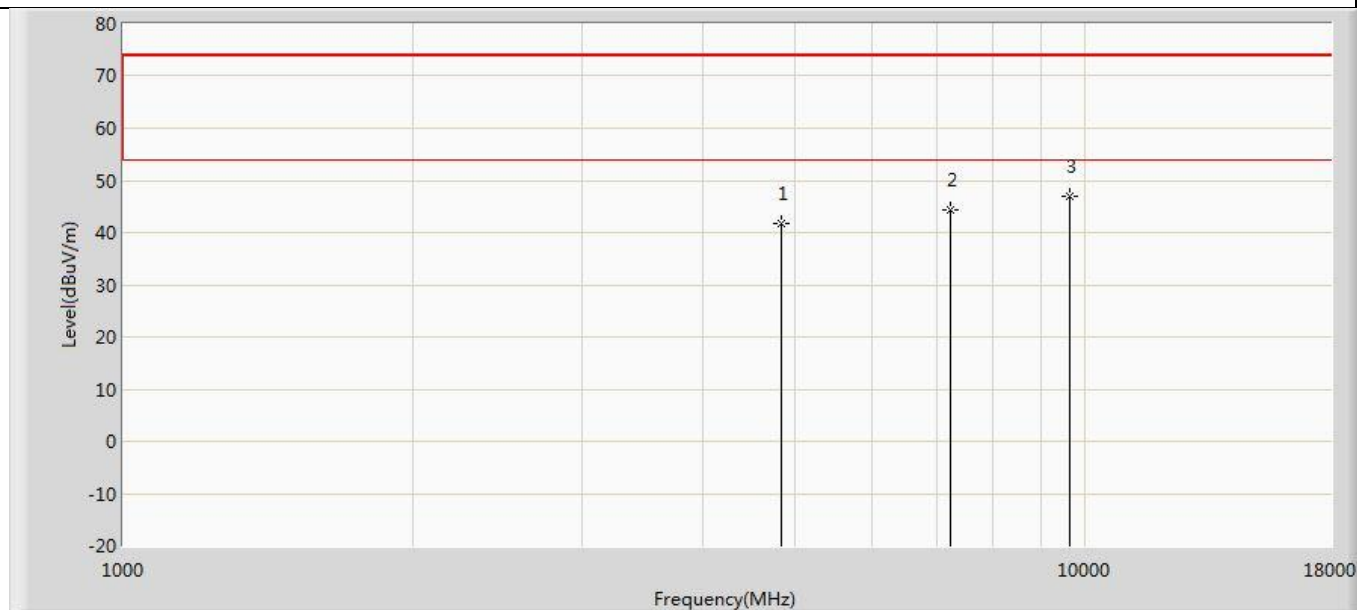
Above 1GHz Test Setup:



| 4.2.3 Test Procedure                |                                     |             |             |                                                                                                    |
|-------------------------------------|-------------------------------------|-------------|-------------|----------------------------------------------------------------------------------------------------|
|                                     | References Rule                     |             | Chapter     | Description                                                                                        |
| <input checked="" type="checkbox"/> | ANSI C63.10                         |             | 11.12       | Emissions in restricted frequency bands                                                            |
|                                     | <input checked="" type="checkbox"/> | ANSI C63.10 | 11.12.1     | Radiated emission measurements                                                                     |
|                                     | <input checked="" type="checkbox"/> | ANSI C63.10 | 6.3         | Radiated spurious emission test                                                                    |
|                                     | <input checked="" type="checkbox"/> | ANSI C63.10 | 6.4         | Radiated emissions from unlicensed wireless devices below 30 MHz                                   |
|                                     | <input checked="" type="checkbox"/> | ANSI C63.10 | 6.5         | Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz   |
|                                     | <input checked="" type="checkbox"/> | ANSI C63.10 | 6.6         | Radiated emissions from unlicensed wireless devices above 1 GHz                                    |
|                                     | <input type="checkbox"/>            | ANSI C63.10 | 11.12.2     | Antenna-port conducted measurements                                                                |
|                                     | <input type="checkbox"/>            | ANSI C63.10 | 11.12.2.3   | Quasi-peak measurement procedure                                                                   |
|                                     | <input type="checkbox"/>            | ANSI C63.10 | 11.12.2.4   | Peak power measurement procedure                                                                   |
|                                     | <input type="checkbox"/>            | ANSI C63.10 | 11.12.2.5   | Average power measurement procedures                                                               |
|                                     | <input type="checkbox"/>            | ANSI C63.10 | 11.12.2.5.1 | Trace averaging with continuous EUT transmission at full power                                     |
|                                     | <input type="checkbox"/>            | ANSI C63.10 | 11.12.2.5.2 | Trace averaging across ON and OFF times of the EUT transmissions followed by duty cycle correction |
|                                     | <input type="checkbox"/>            | ANSI C63.10 | 11.12.2.5.3 | Reduced VBW averaging across ON and OFF times of the EUT transmissions with max hold               |

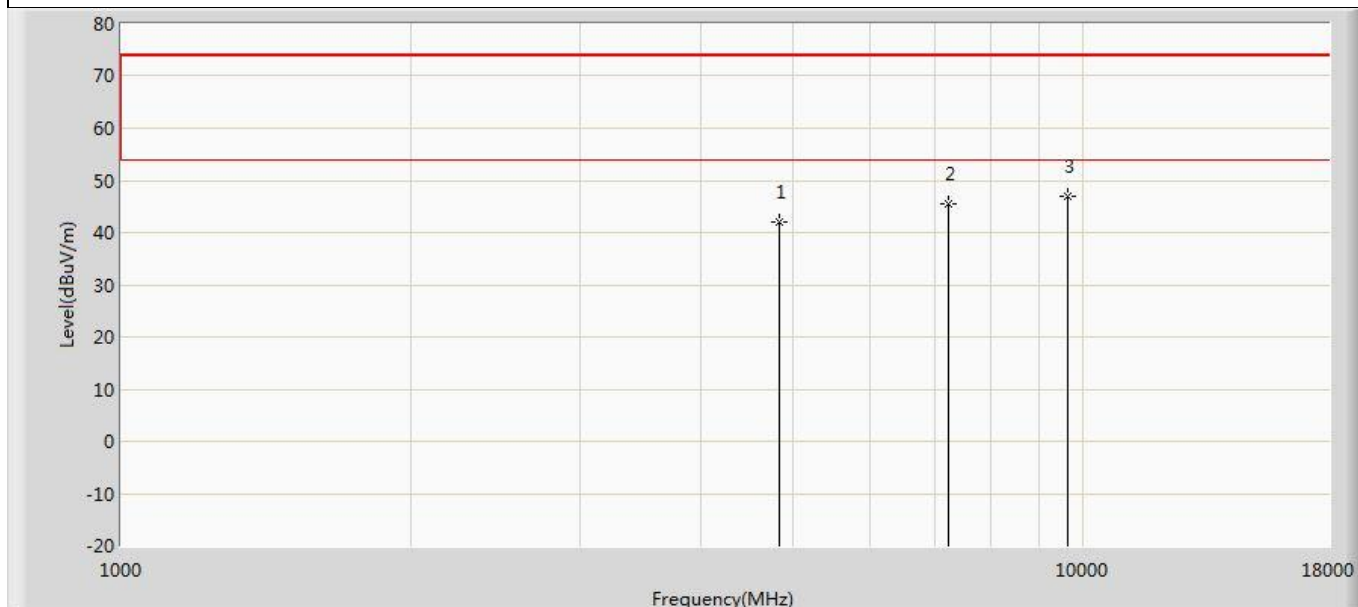
#### 4.2.4 Test Data

|                                         |                          |
|-----------------------------------------|--------------------------|
| Profile: 2190372R                       | Page No.: 73             |
| Engineer: Carlos shen                   |                          |
| Site: AC5                               | Time: 2021/12/17 - 04:44 |
| Limit: FCC_Part15.209_RE(3m)            | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)     | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                       | Power: AC 120V/60Hz      |
| Note: Mode 1:Transmit at 2412MHz by 11b |                          |



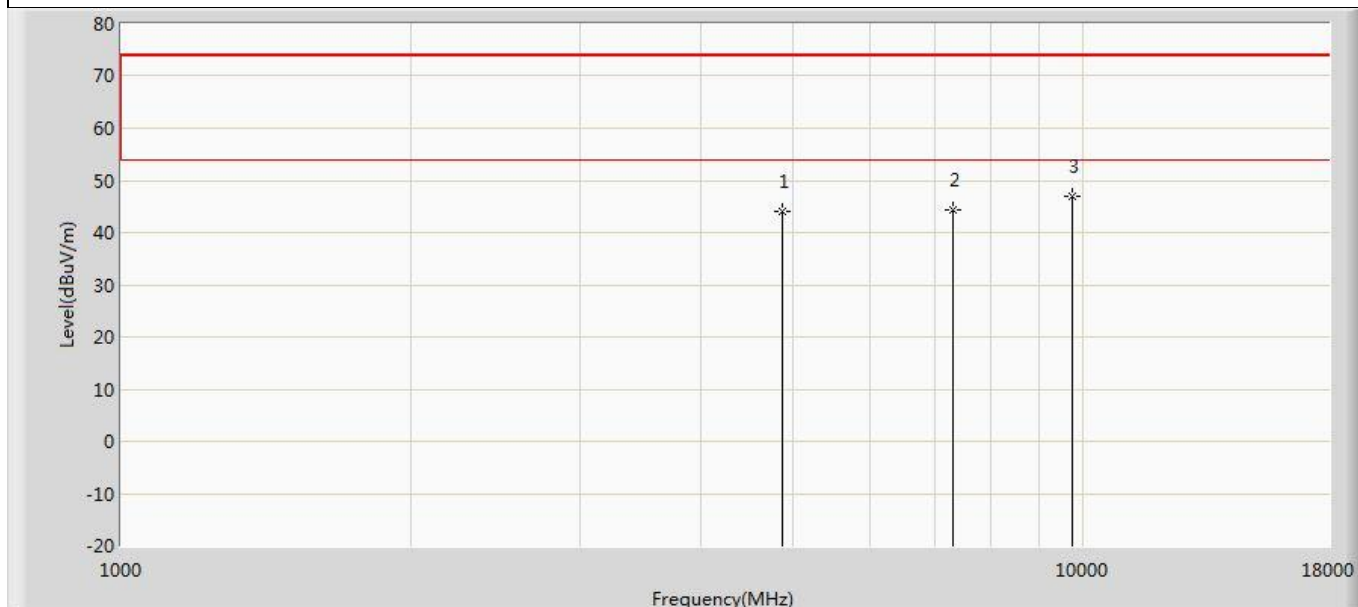
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4824.000        | 41.633                 | 51.477               | -32.367         | 74.000         | -9.844      | PK   |
| 2  |      | 7236.000        | 44.315                 | 50.403               | -29.685         | 74.000         | -6.088      | PK   |
| 3  | *    | 9648.000        | 46.896                 | 50.714               | -27.104         | 74.000         | -3.817      | PK   |

|                                         |                          |
|-----------------------------------------|--------------------------|
| Profile: 2190372R                       | Page No.: 74             |
| Engineer: Carlos shen                   |                          |
| Site: AC5                               | Time: 2021/12/17 - 04:45 |
| Limit: FCC_Part15.209_RE(3m)            | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)     | Polarity: Vertical       |
| EUT: M8 DESKPHONE                       | Power: AC 120V/60Hz      |
| Note: Mode 1:Transmit at 2412MHz by 11b |                          |



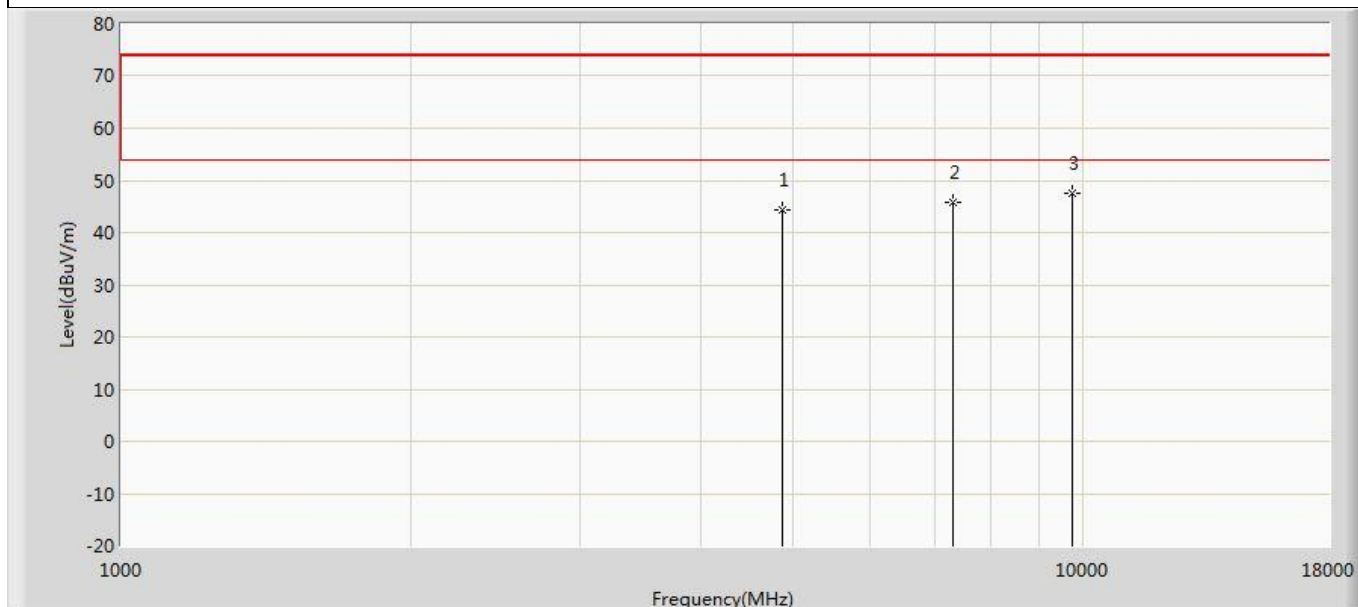
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4824.000        | 41.920                 | 51.764               | -32.080         | 74.000         | -9.844      | PK   |
| 2  |      | 7236.000        | 45.582                 | 51.670               | -28.418         | 74.000         | -6.088      | PK   |
| 3  | *    | 9648.000        | 47.040                 | 50.858               | -26.960         | 74.000         | -3.817      | PK   |

|                                         |                          |
|-----------------------------------------|--------------------------|
| Profile: 2190372R                       | Page No.: 75             |
| Engineer: Carlos shen                   |                          |
| Site: AC5                               | Time: 2021/12/17 - 04:45 |
| Limit: FCC_Part15.209_RE(3m)            | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)     | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                       | Power: AC 120V/60Hz      |
| Note: Mode 1:Transmit at 2437MHz by 11b |                          |



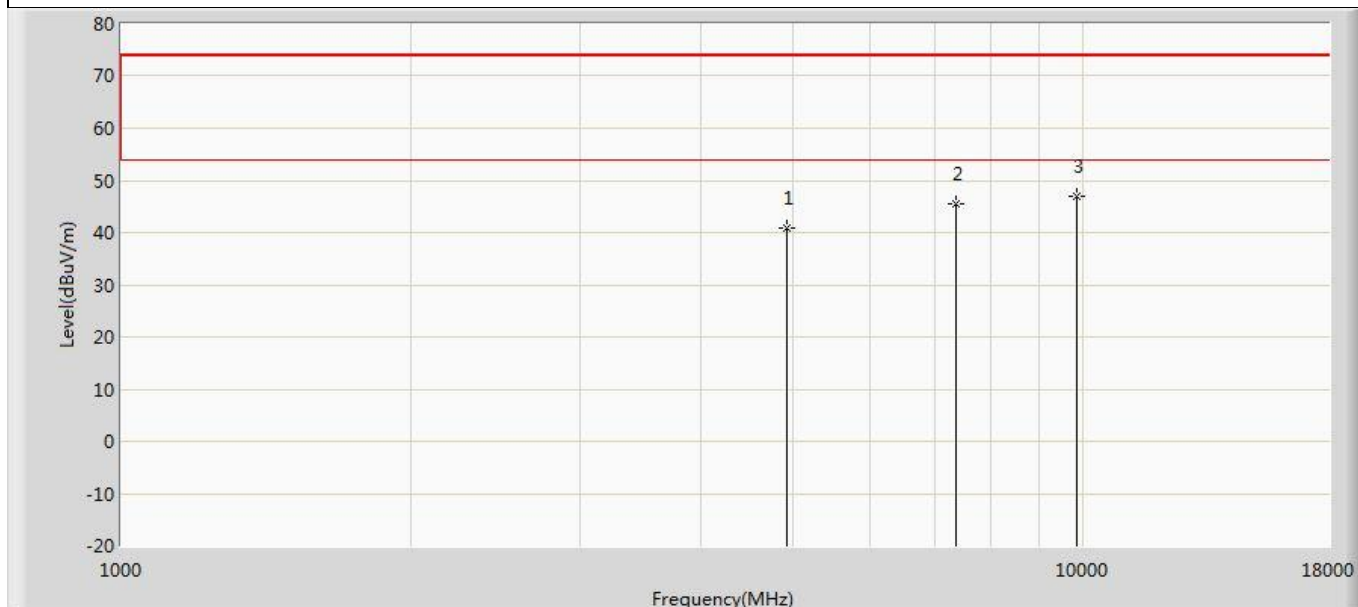
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4874.000        | 43.995                 | 53.312               | -30.005         | 74.000         | -9.317      | PK   |
| 2  |      | 7311.000        | 44.367                 | 50.449               | -29.633         | 74.000         | -6.081      | PK   |
| 3  | *    | 9748.000        | 46.832                 | 50.360               | -27.168         | 74.000         | -3.527      | PK   |

|                                         |                          |
|-----------------------------------------|--------------------------|
| Profile: 2190372R                       | Page No.: 76             |
| Engineer: Carlos shen                   |                          |
| Site: AC5                               | Time: 2021/12/17 - 04:45 |
| Limit: FCC_Part15.209_RE(3m)            | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)     | Polarity: Vertical       |
| EUT: M8 DESKPHONE                       | Power: AC 120V/60Hz      |
| Note: Mode 1:Transmit at 2437MHz by 11b |                          |



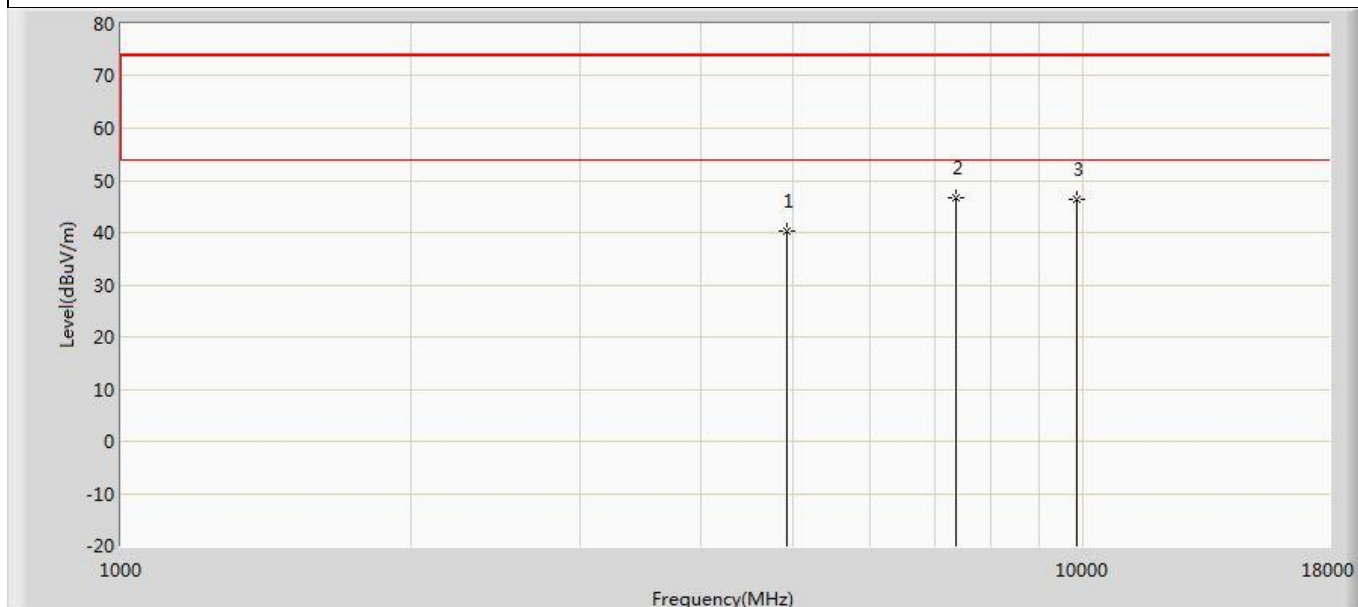
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4874.000        | 44.205                 | 53.522               | -29.795         | 74.000         | -9.317      | PK   |
| 2  |      | 7311.000        | 45.710                 | 51.792               | -28.290         | 74.000         | -6.081      | PK   |
| 3  | *    | 9748.000        | 47.444                 | 50.972               | -26.556         | 74.000         | -3.527      | PK   |

|                                         |                          |
|-----------------------------------------|--------------------------|
| Profile: 2190372R                       | Page No.: 77             |
| Engineer: Carlos shen                   |                          |
| Site: AC5                               | Time: 2021/12/17 - 04:45 |
| Limit: FCC_Part15.209_RE(3m)            | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)     | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                       | Power: AC 120V/60Hz      |
| Note: Mode 1:Transmit at 2462MHz by 11b |                          |



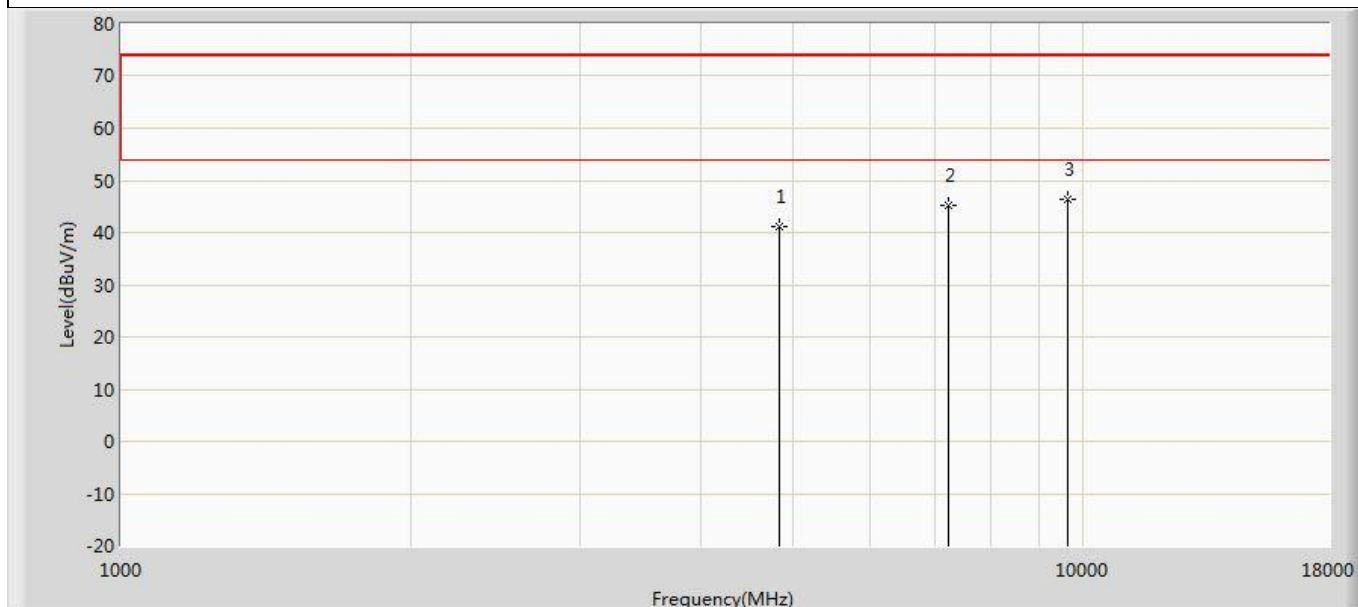
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4924.000        | 40.950                 | 50.626               | -33.050         | 74.000         | -9.676      | PK   |
| 2  |      | 7386.000        | 45.562                 | 51.944               | -28.438         | 74.000         | -6.382      | PK   |
| 3  | *    | 9848.000        | 46.905                 | 50.570               | -27.095         | 74.000         | -3.665      | PK   |

|                                         |                          |
|-----------------------------------------|--------------------------|
| Profile: 2190372R                       | Page No.: 78             |
| Engineer: Carlos shen                   |                          |
| Site: AC5                               | Time: 2021/12/17 - 04:45 |
| Limit: FCC_Part15.209_RE(3m)            | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)     | Polarity: Vertical       |
| EUT: M8 DESKPHONE                       | Power: AC 120V/60Hz      |
| Note: Mode 1:Transmit at 2462MHz by 11b |                          |



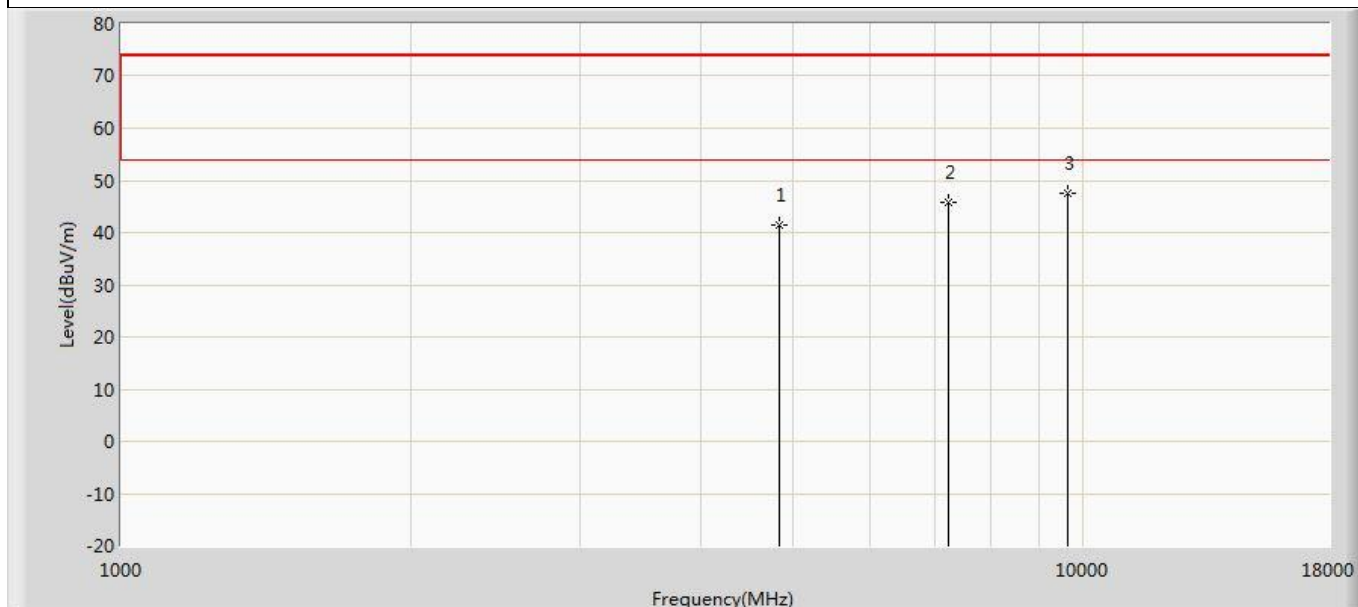
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4924.000        | 40.419                 | 50.095               | -33.581         | 74.000         | -9.676      | PK   |
| 2  | *    | 7386.000        | 46.537                 | 52.919               | -27.463         | 74.000         | -6.382      | PK   |
| 3  |      | 9848.000        | 46.251                 | 49.916               | -27.749         | 74.000         | -3.665      | PK   |

|                                         |                          |
|-----------------------------------------|--------------------------|
| Profile: 2190372R                       | Page No.: 79             |
| Engineer: Carlos shen                   |                          |
| Site: AC5                               | Time: 2021/12/17 - 04:45 |
| Limit: FCC_Part15.209_RE(3m)            | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)     | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                       | Power: AC 120V/60Hz      |
| Note: Mode 2:Transmit at 2412MHz by 11g |                          |



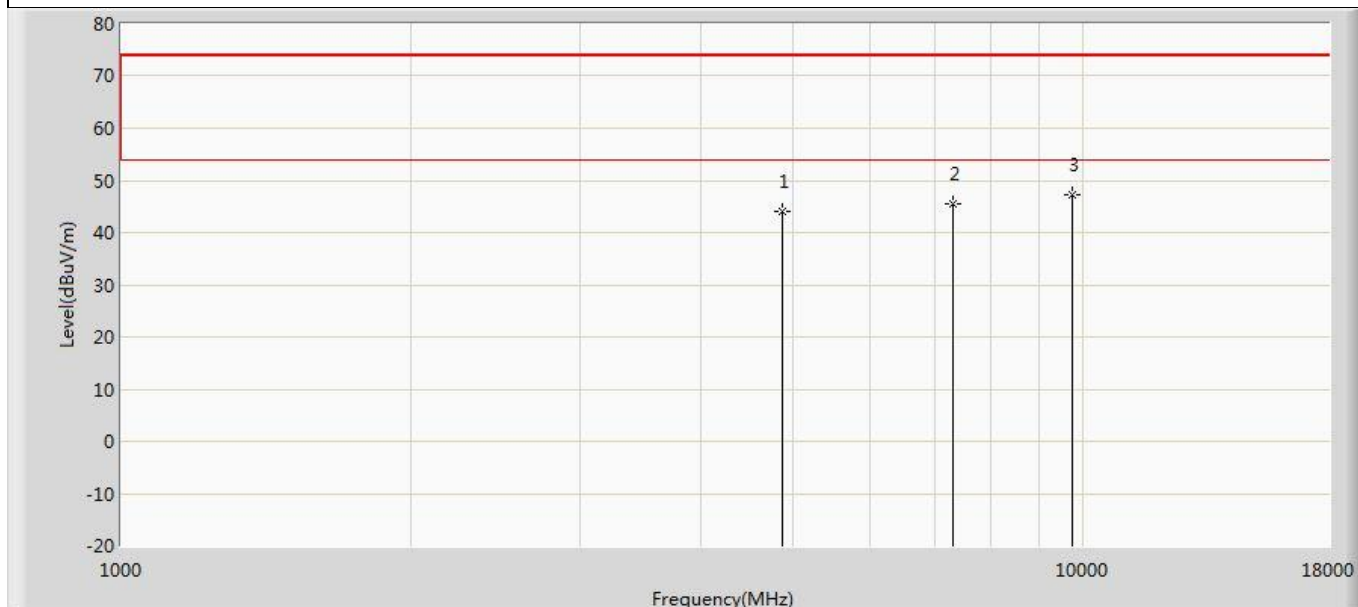
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4824.000        | 41.129                 | 50.973               | -32.871         | 74.000         | -9.844      | PK   |
| 2  |      | 7236.000        | 45.354                 | 51.442               | -28.646         | 74.000         | -6.088      | PK   |
| 3  | *    | 9648.000        | 46.438                 | 50.256               | -27.562         | 74.000         | -3.817      | PK   |

|                                         |                          |
|-----------------------------------------|--------------------------|
| Profile: 2190372R                       | Page No.: 80             |
| Engineer: Carlos shen                   |                          |
| Site: AC5                               | Time: 2021/12/17 - 04:45 |
| Limit: FCC_Part15.209_RE(3m)            | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)     | Polarity: Vertical       |
| EUT: M8 DESKPHONE                       | Power: AC 120V/60Hz      |
| Note: Mode 2:Transmit at 2412MHz by 11g |                          |



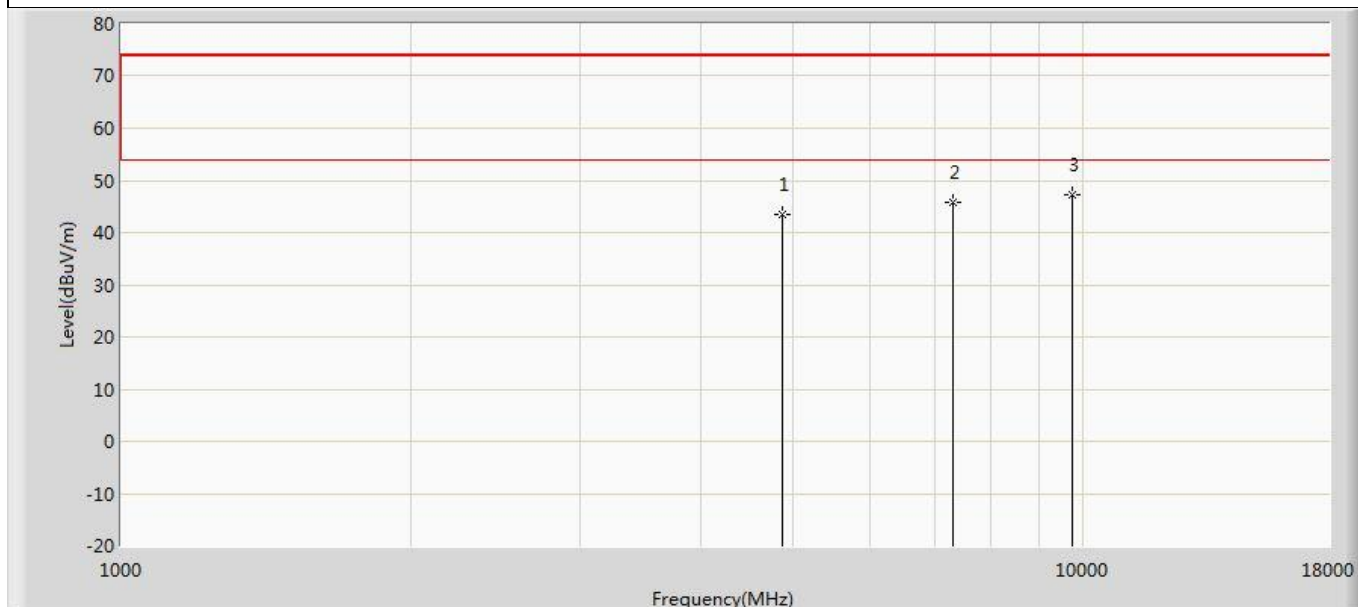
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4824.000        | 41.454                 | 51.298               | -32.546         | 74.000         | -9.844      | PK   |
| 2  |      | 7236.000        | 45.811                 | 51.899               | -28.189         | 74.000         | -6.088      | PK   |
| 3  | *    | 9648.000        | 47.624                 | 51.442               | -26.376         | 74.000         | -3.817      | PK   |

|                                         |                          |
|-----------------------------------------|--------------------------|
| Profile: 2190372R                       | Page No.: 81             |
| Engineer: Carlos shen                   |                          |
| Site: AC5                               | Time: 2021/12/17 - 04:45 |
| Limit: FCC_Part15.209_RE(3m)            | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)     | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                       | Power: AC 120V/60Hz      |
| Note: Mode 2:Transmit at 2437MHz by 11g |                          |



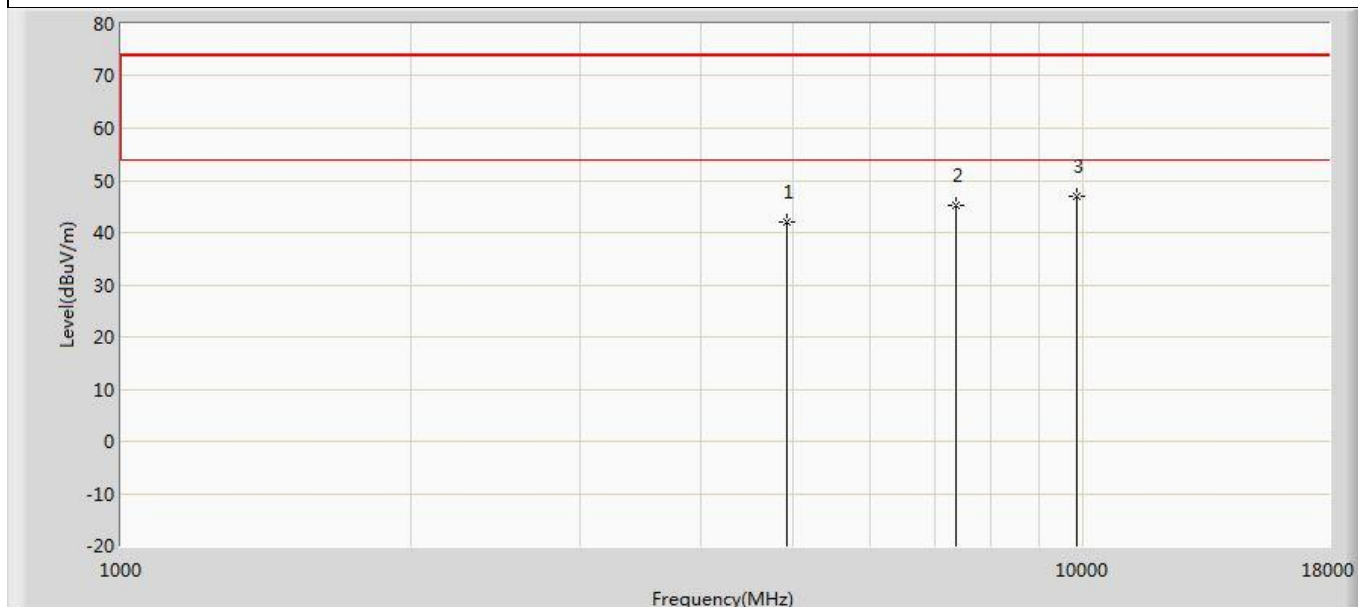
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4874.000        | 44.059                 | 53.376               | -29.941         | 74.000         | -9.317      | PK   |
| 2  |      | 7311.000        | 45.439                 | 51.521               | -28.561         | 74.000         | -6.081      | PK   |
| 3  | *    | 9748.000        | 47.386                 | 50.914               | -26.614         | 74.000         | -3.527      | PK   |

|                                         |                          |
|-----------------------------------------|--------------------------|
| Profile: 2190372R                       | Page No.: 82             |
| Engineer: Carlos shen                   |                          |
| Site: AC5                               | Time: 2021/12/17 - 04:45 |
| Limit: FCC_Part15.209_RE(3m)            | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)     | Polarity: Vertical       |
| EUT: M8 DESKPHONE                       | Power: AC 120V/60Hz      |
| Note: Mode 2:Transmit at 2437MHz by 11g |                          |



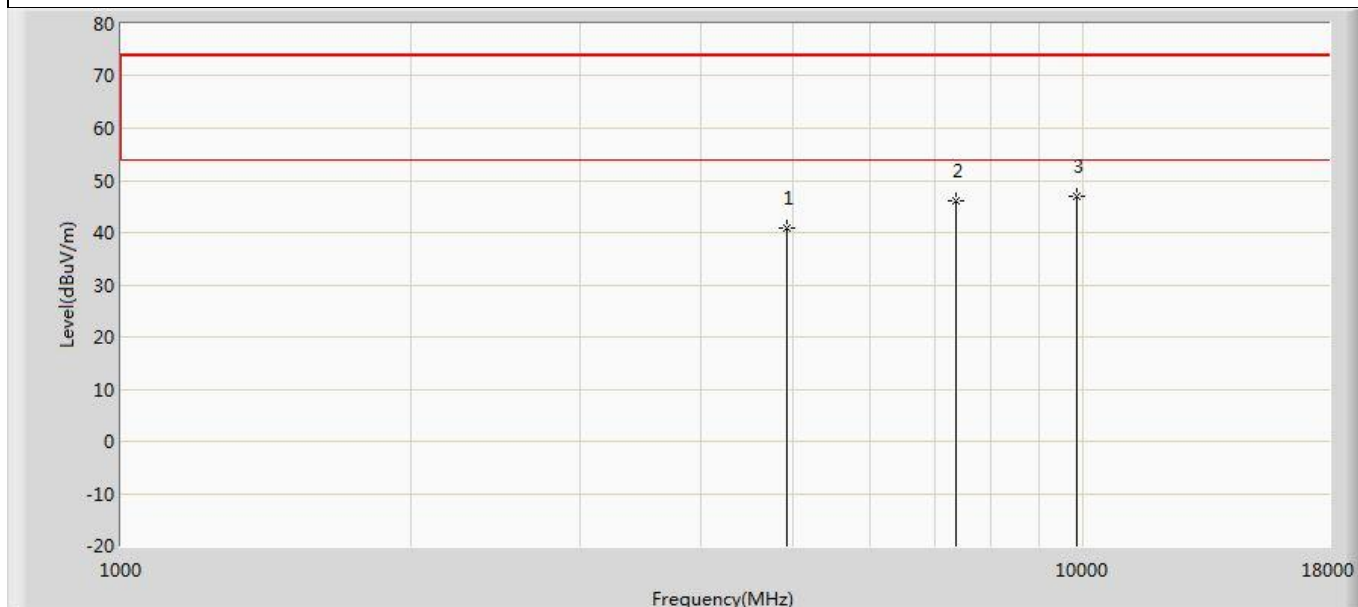
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4874.000        | 43.419                 | 52.736               | -30.581         | 74.000         | -9.317      | PK   |
| 2  |      | 7311.000        | 45.671                 | 51.753               | -28.329         | 74.000         | -6.081      | PK   |
| 3  | *    | 9748.000        | 47.154                 | 50.682               | -26.846         | 74.000         | -3.527      | PK   |

|                                         |                          |
|-----------------------------------------|--------------------------|
| Profile: 2190372R                       | Page No.: 83             |
| Engineer: Carlos shen                   |                          |
| Site: AC5                               | Time: 2021/12/17 - 04:45 |
| Limit: FCC_Part15.209_RE(3m)            | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)     | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                       | Power: AC 120V/60Hz      |
| Note: Mode 2:Transmit at 2462MHz by 11g |                          |



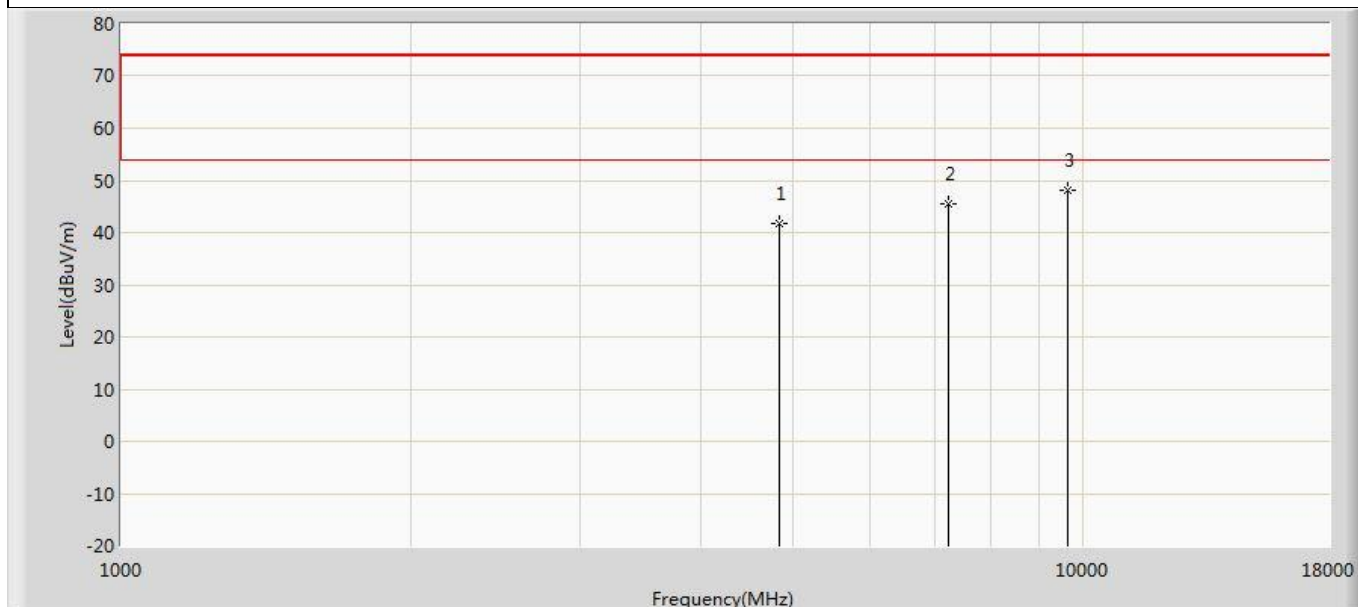
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4924.000        | 41.923                 | 51.599               | -32.077         | 74.000         | -9.676      | PK   |
| 2  |      | 7386.000        | 45.230                 | 51.612               | -28.770         | 74.000         | -6.382      | PK   |
| 3  | *    | 9848.000        | 47.072                 | 50.737               | -26.928         | 74.000         | -3.665      | PK   |

|                                         |                          |
|-----------------------------------------|--------------------------|
| Profile: 2190372R                       | Page No.: 84             |
| Engineer: Carlos shen                   |                          |
| Site: AC5                               | Time: 2021/12/17 - 04:45 |
| Limit: FCC_Part15.209_RE(3m)            | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)     | Polarity: Vertical       |
| EUT: M8 DESKPHONE                       | Power: AC 120V/60Hz      |
| Note: Mode 2:Transmit at 2462MHz by 11g |                          |



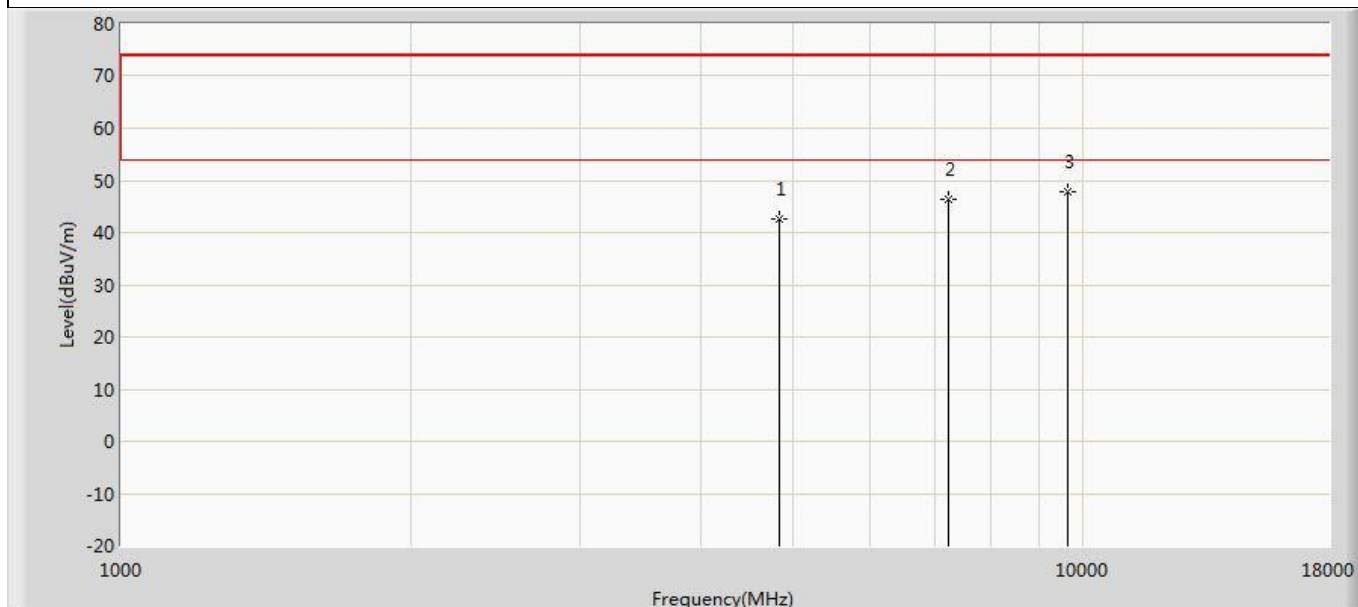
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4924.000        | 40.757                 | 50.433               | -33.243         | 74.000         | -9.676      | PK   |
| 2  |      | 7386.000        | 46.058                 | 52.440               | -27.942         | 74.000         | -6.382      | PK   |
| 3  | *    | 9848.000        | 46.971                 | 50.636               | -27.029         | 74.000         | -3.665      | PK   |

|                                           |                          |
|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 85             |
| Engineer: Carlos shen                     |                          |
| Site: AC5                                 | Time: 2021/12/17 - 04:45 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 3:Transmit at 2412MHz by 11n20 |                          |



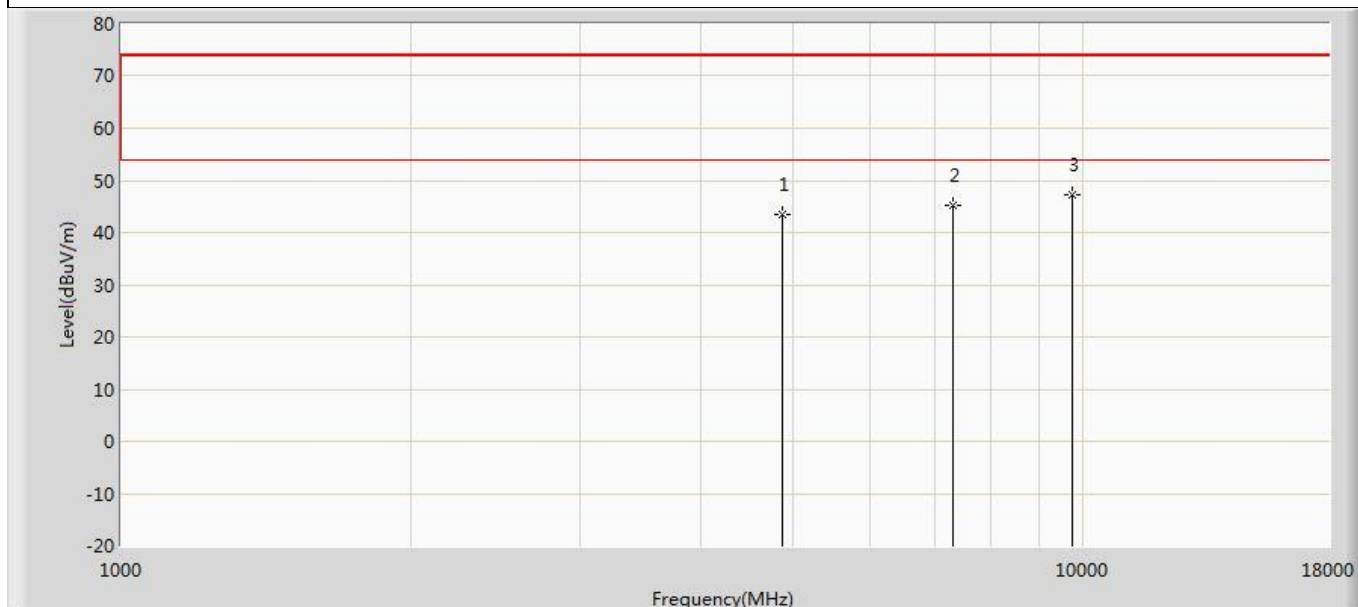
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4824.000        | 41.659                 | 51.503               | -32.341         | 74.000         | -9.844      | PK   |
| 2  |      | 7236.000        | 45.459                 | 51.547               | -28.541         | 74.000         | -6.088      | PK   |
| 3  | *    | 9648.000        | 48.078                 | 51.896               | -25.922         | 74.000         | -3.817      | PK   |

|                                           |                          |
|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 86             |
| Engineer: Carlos shen                     |                          |
| Site: AC5                                 | Time: 2021/12/17 - 04:45 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Vertical       |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 3:Transmit at 2412MHz by 11n20 |                          |



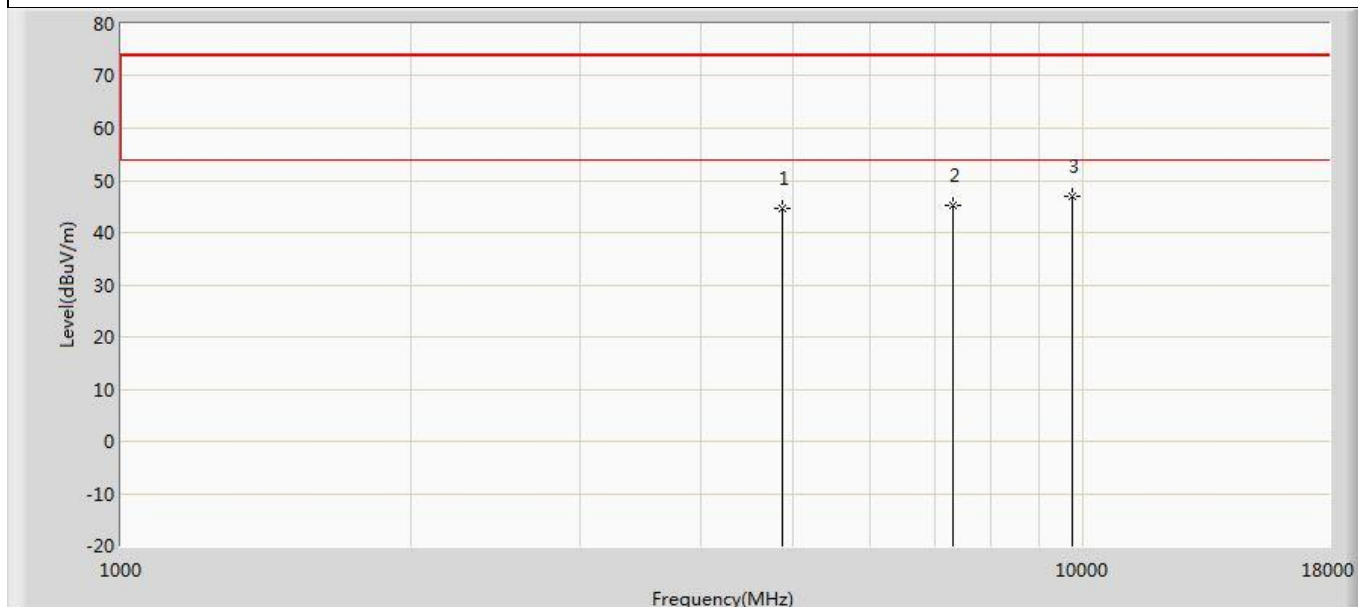
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4824.000        | 42.511                 | 52.355               | -31.489         | 74.000         | -9.844      | PK   |
| 2  |      | 7236.000        | 46.235                 | 52.323               | -27.765         | 74.000         | -6.088      | PK   |
| 3  | *    | 9648.000        | 47.926                 | 51.744               | -26.074         | 74.000         | -3.817      | PK   |

|                                           |                          |
|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 87             |
| Engineer: Carlos shen                     |                          |
| Site: AC5                                 | Time: 2021/12/17 - 04:45 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 3:Transmit at 2437MHz by 11n20 |                          |



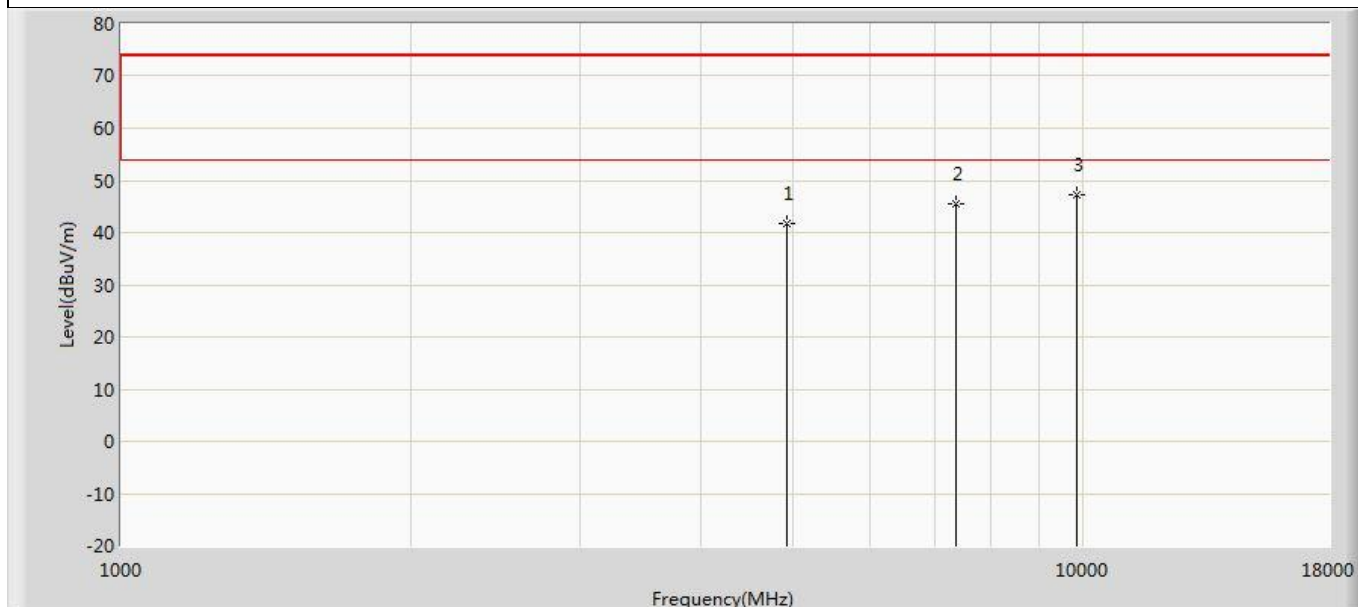
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4874.000        | 43.499                 | 52.816               | -30.501         | 74.000         | -9.317      | PK   |
| 2  |      | 7311.000        | 45.206                 | 51.288               | -28.794         | 74.000         | -6.081      | PK   |
| 3  | *    | 9748.000        | 47.302                 | 50.830               | -26.698         | 74.000         | -3.527      | PK   |

|                                           |                          |
|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 88             |
| Engineer: Carlos shen                     |                          |
| Site: AC5                                 | Time: 2021/12/17 - 04:46 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Vertical       |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 3:Transmit at 2437MHz by 11n20 |                          |



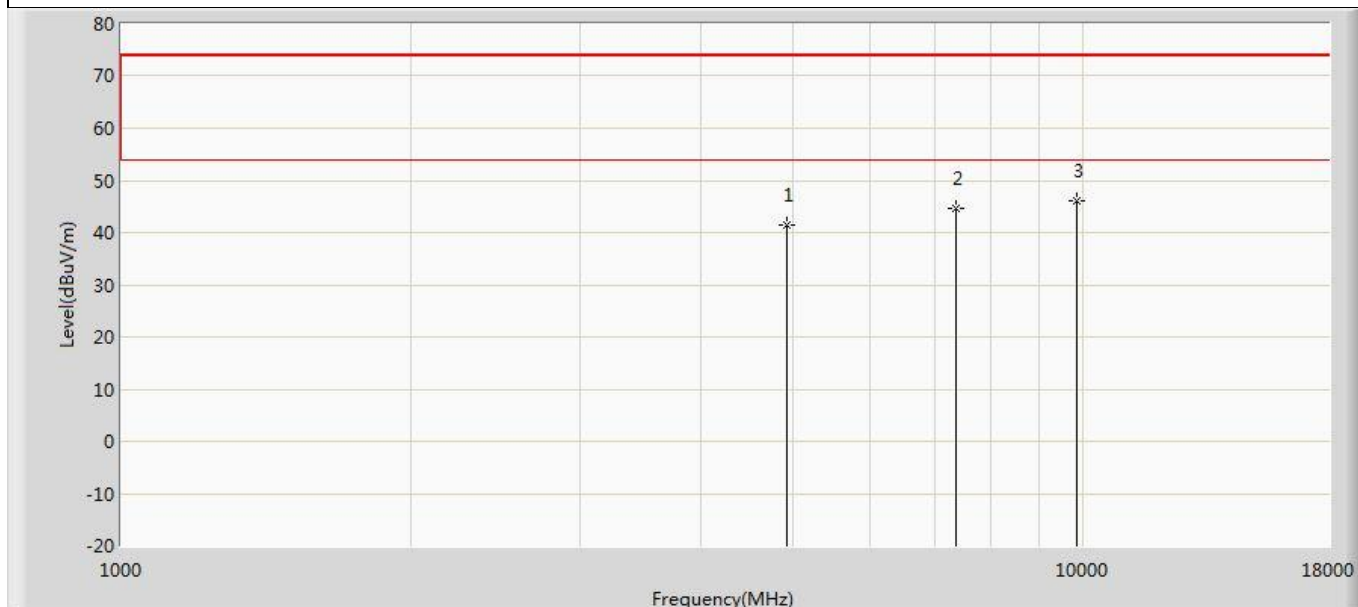
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4874.000        | 44.514                 | 53.831               | -29.486         | 74.000         | -9.317      | PK   |
| 2  |      | 7311.000        | 45.333                 | 51.415               | -28.667         | 74.000         | -6.081      | PK   |
| 3  | *    | 9748.000        | 46.944                 | 50.472               | -27.056         | 74.000         | -3.527      | PK   |

|                                           |                          |
|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 89             |
| Engineer: Carlos shen                     |                          |
| Site: AC5                                 | Time: 2021/12/17 - 04:46 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 3:Transmit at 2462MHz by 11n20 |                          |



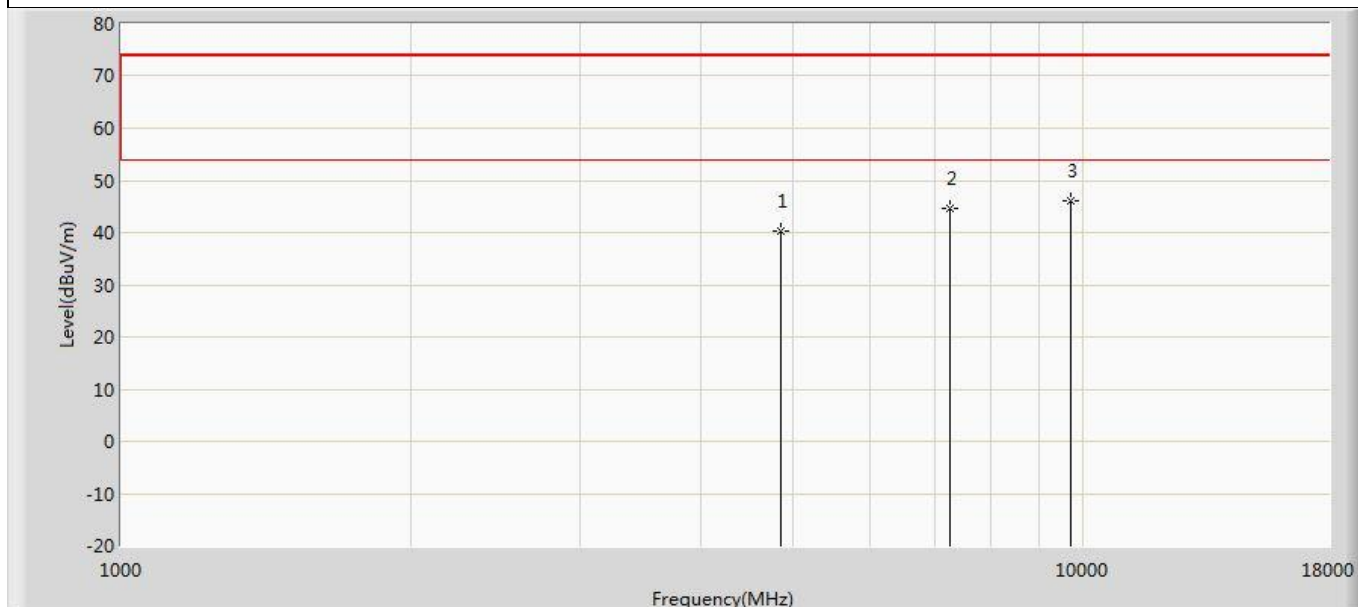
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4924.000        | 41.708                 | 51.384               | -32.292         | 74.000         | -9.676      | PK   |
| 2  |      | 7386.000        | 45.598                 | 51.980               | -28.402         | 74.000         | -6.382      | PK   |
| 3  | *    | 9848.000        | 47.274                 | 50.939               | -26.726         | 74.000         | -3.665      | PK   |

|                                           |                          |
|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 90             |
| Engineer: Carlos shen                     |                          |
| Site: AC5                                 | Time: 2021/12/17 - 04:46 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Vertical       |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 3:Transmit at 2462MHz by 11n20 |                          |



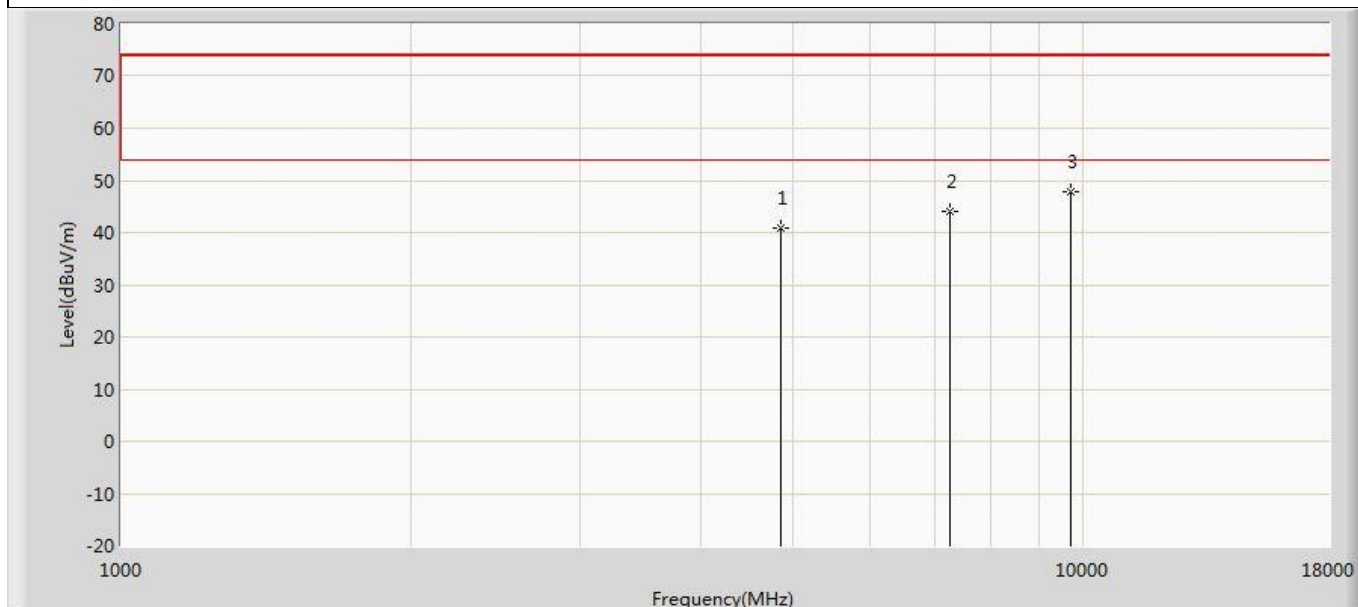
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4924.000        | 41.525                 | 51.201               | -32.475         | 74.000         | -9.676      | PK   |
| 2  |      | 7386.000        | 44.710                 | 51.092               | -29.290         | 74.000         | -6.382      | PK   |
| 3  | *    | 9848.000        | 46.092                 | 49.757               | -27.908         | 74.000         | -3.665      | PK   |

|                                           |                          |
|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 91             |
| Engineer: Carlos shen                     |                          |
| Site: AC5                                 | Time: 2021/12/17 - 04:46 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 4:Transmit at 2422MHz by 11n40 |                          |



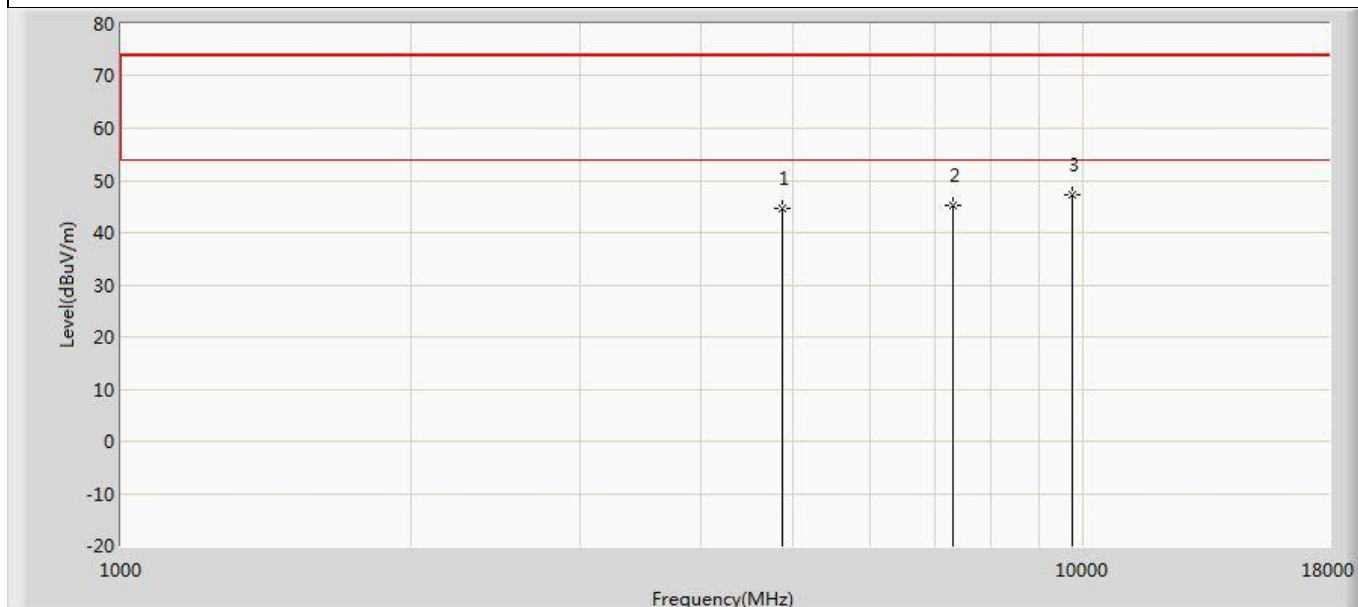
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4844.000        | 40.302                 | 50.237               | -33.698         | 74.000         | -9.935      | PK   |
| 2  |      | 7266.000        | 44.516                 | 50.944               | -29.484         | 74.000         | -6.428      | PK   |
| 3  | *    | 9688.000        | 46.179                 | 49.715               | -27.821         | 74.000         | -3.536      | PK   |

|                                           |                          |
|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 92             |
| Engineer: Carlos shen                     |                          |
| Site: AC5                                 | Time: 2021/12/17 - 04:46 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Vertical       |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 4:Transmit at 2422MHz by 11n40 |                          |



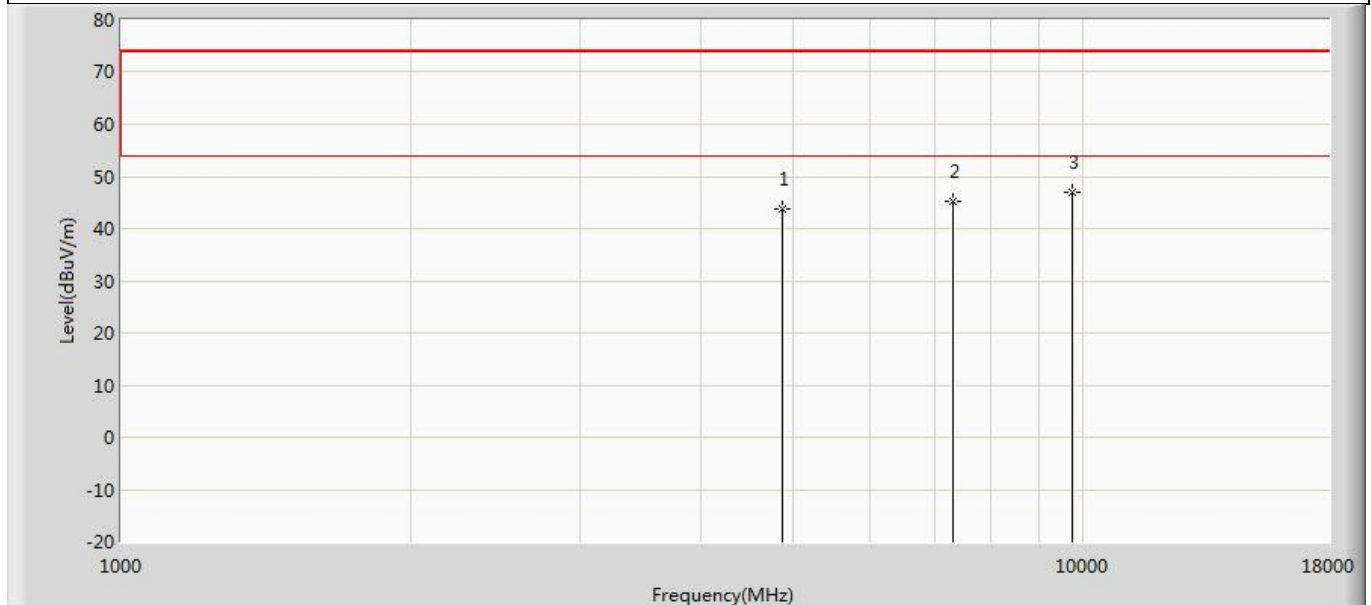
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4844.000        | 40.945                 | 50.880               | -33.055         | 74.000         | -9.935      | PK   |
| 2  |      | 7266.000        | 44.111                 | 50.539               | -29.889         | 74.000         | -6.428      | PK   |
| 3  | *    | 9688.000        | 47.929                 | 51.465               | -26.071         | 74.000         | -3.536      | PK   |

|                                           |                          |
|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 93             |
| Engineer: Carlos shen                     |                          |
| Site: AC5                                 | Time: 2021/12/17 - 04:46 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 4:Transmit at 2437MHz by 11n40 |                          |



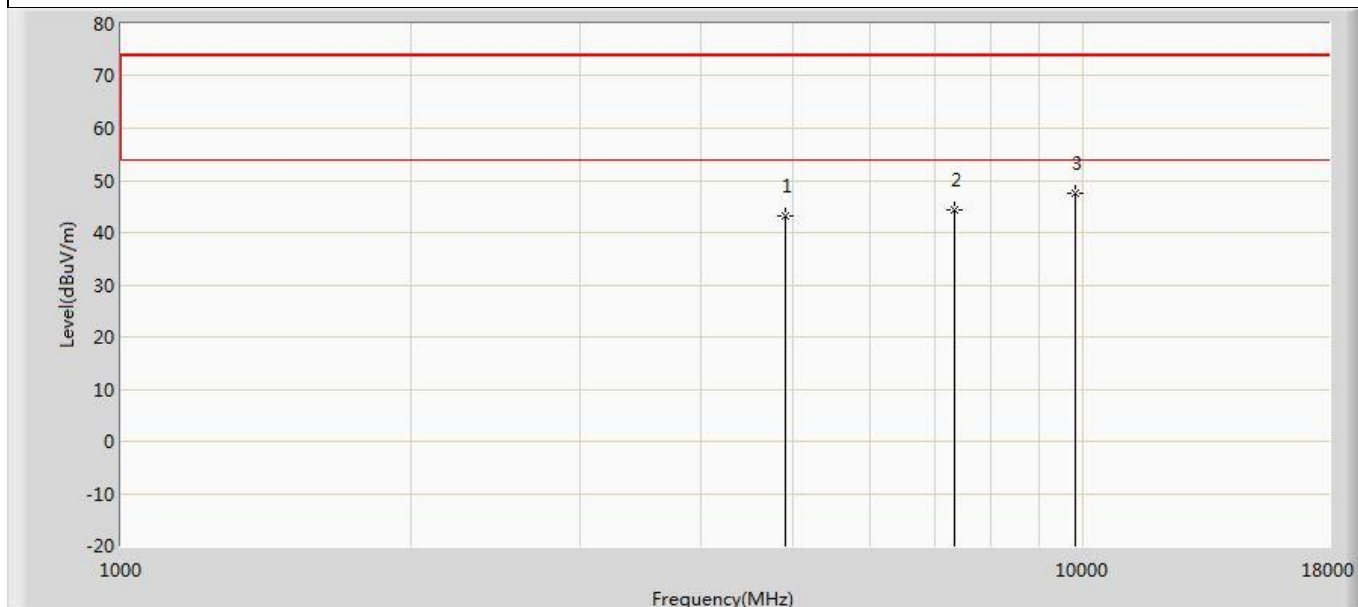
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4874.000        | 44.619                 | 53.936               | -29.381         | 74.000         | -9.317      | PK   |
| 2  |      | 7311.000        | 45.205                 | 51.287               | -28.795         | 74.000         | -6.081      | PK   |
| 3  | *    | 9748.000        | 47.342                 | 50.870               | -26.658         | 74.000         | -3.527      | PK   |

|                                           |                          |
|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 94             |
| Engineer: Carlos shen                     |                          |
| Site: AC5                                 | Time: 2021/12/17 - 04:46 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Vertical       |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 4:Transmit at 2437MHz by 11n40 |                          |



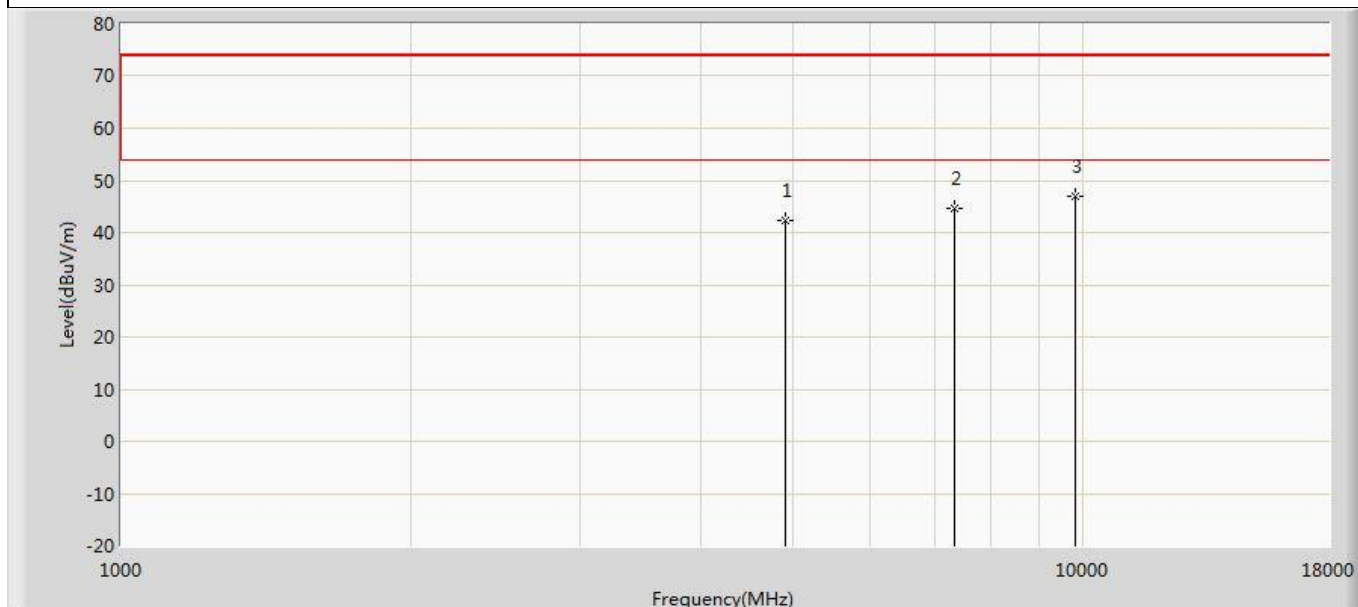
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4874.000        | 43.766                 | 53.083               | -30.234         | 74.000         | -9.317      | PK   |
| 2  |      | 7311.000        | 45.174                 | 51.256               | -28.826         | 74.000         | -6.081      | PK   |
| 3  | *    | 9748.000        | 47.019                 | 50.547               | -26.981         | 74.000         | -3.527      | PK   |

|                                           |                          |
|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 95             |
| Engineer: Carlos shen                     |                          |
| Site: AC5                                 | Time: 2021/12/17 - 04:46 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 4:Transmit at 2452MHz by 11n40 |                          |



| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4904.000        | 43.238                 | 52.539               | -30.762         | 74.000         | -9.302      | PK   |
| 2  |      | 7356.000        | 44.457                 | 50.229               | -29.543         | 74.000         | -5.772      | PK   |
| 3  | *    | 9808.000        | 47.497                 | 51.222               | -26.503         | 74.000         | -3.726      | PK   |

|                                           |                          |
|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 96             |
| Engineer: Carlos shen                     |                          |
| Site: AC5                                 | Time: 2021/12/17 - 04:46 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Vertical       |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 4:Transmit at 2452MHz by 11n40 |                          |



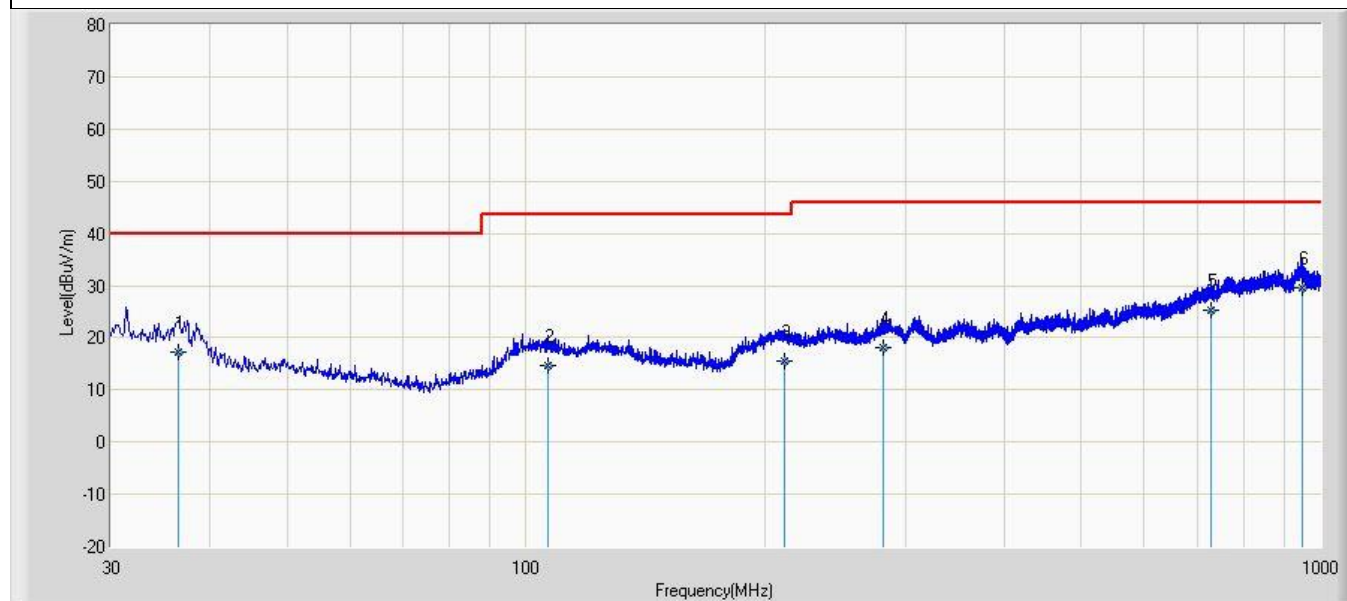
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4904.000        | 42.237                 | 51.538               | -31.763         | 74.000         | -9.302      | PK   |
| 2  |      | 7356.000        | 44.675                 | 50.447               | -29.325         | 74.000         | -5.772      | PK   |
| 3  | *    | 9808.000        | 46.995                 | 50.720               | -27.005         | 74.000         | -3.726      | PK   |

Note:

1. Measured Level = Reading Level + Factor.
2. The test frequency range, 9kHz~30MHz, worst case are at least 20dB below the limits, therefore no data appear in the report.
3. The test frequency range, 18GHz~26GHz test result on peak is lower than average limit, all is the noise base, therefore no data appear in the report.
4. This limit applies for using average detector, if the test result on peak is lower than average limit, then average measurement needn't be performed.
5. As the radiated emission was performed, so conducted emission was not tested.

**The worst case of Radiated Emission below 1GHz:**

|                              |                          |
|------------------------------|--------------------------|
| Profile: 2190372R            | Page No.: 21             |
| Engineer: Carlos shen        |                          |
| Site: AC2                    | Time: 2022/03/07 - 12:05 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0                |
| Probe: AC2_3M(30-1000M)      | Polarity: Horizontal     |
| EUT: M8 DESKPHONE            | Power: AC 120V/60Hz      |
| Note: Mode1                  |                          |

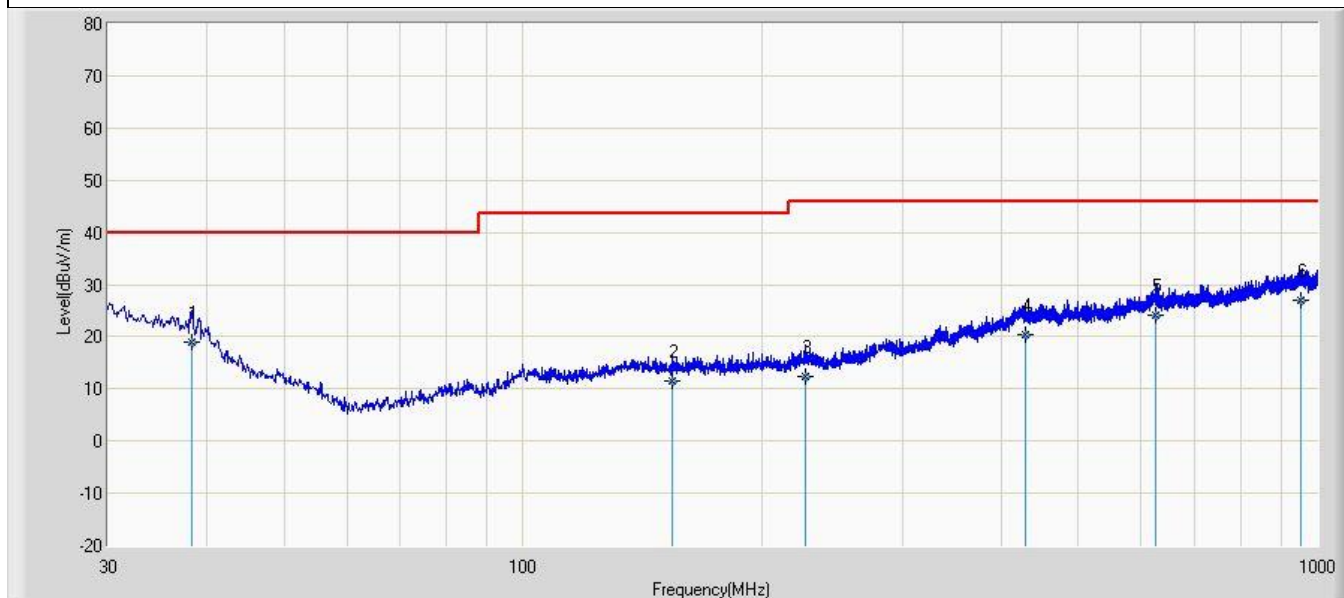


| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Probe (dB/m) | Cable (dB) | Amp (dB) | Ant Pos (cm) | Table Pos (deg) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|--------------|------------|----------|--------------|-----------------|------|
| 1  |      | 36.522          | 17.321                 | -4.300               | -22.679         | 40.000         | 15.245       | 6.376      | 0.000    | 148          | 315             | QP   |
| 2  |      | 106.561         | 14.534                 | -7.200               | -28.966         | 43.500         | 14.952       | 6.783      | 0.000    | 360          | 124             | QP   |
| 3  |      | 211.146         | 15.652                 | -7.500               | -27.848         | 43.500         | 15.951       | 7.201      | 0.000    | 260          | 128             | QP   |
| 4  |      | 281.215         | 18.164                 | -6.400               | -27.836         | 46.000         | 17.133       | 7.431      | 0.000    | 122          | 309             | QP   |
| 5  |      | 728.562         | 25.241                 | -4.900               | -20.759         | 46.000         | 21.556       | 8.585      | 0.000    | 203          | 109             | QP   |
| 6  | *    | 948.621         | 29.572                 | -5.300               | -16.428         | 46.000         | 25.836       | 9.036      | 0.000    | 177          | 209             | QP   |

**Note:**

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp)

|                              |                          |
|------------------------------|--------------------------|
| Profile: 2190372R            | Page No.: 22             |
| Engineer: Carlos shen        |                          |
| Site: AC2                    | Time: 2022/03/07 - 12:07 |
| Limit: FCC_Part15.209_RE(3m) | Margin: 0                |
| Probe: AC2_3M(30-1000M)      | Polarity: Vertical       |
| EUT: M8 DESKPHONE            | Power: AC 120V/60Hz      |
| Note: Mode1                  |                          |



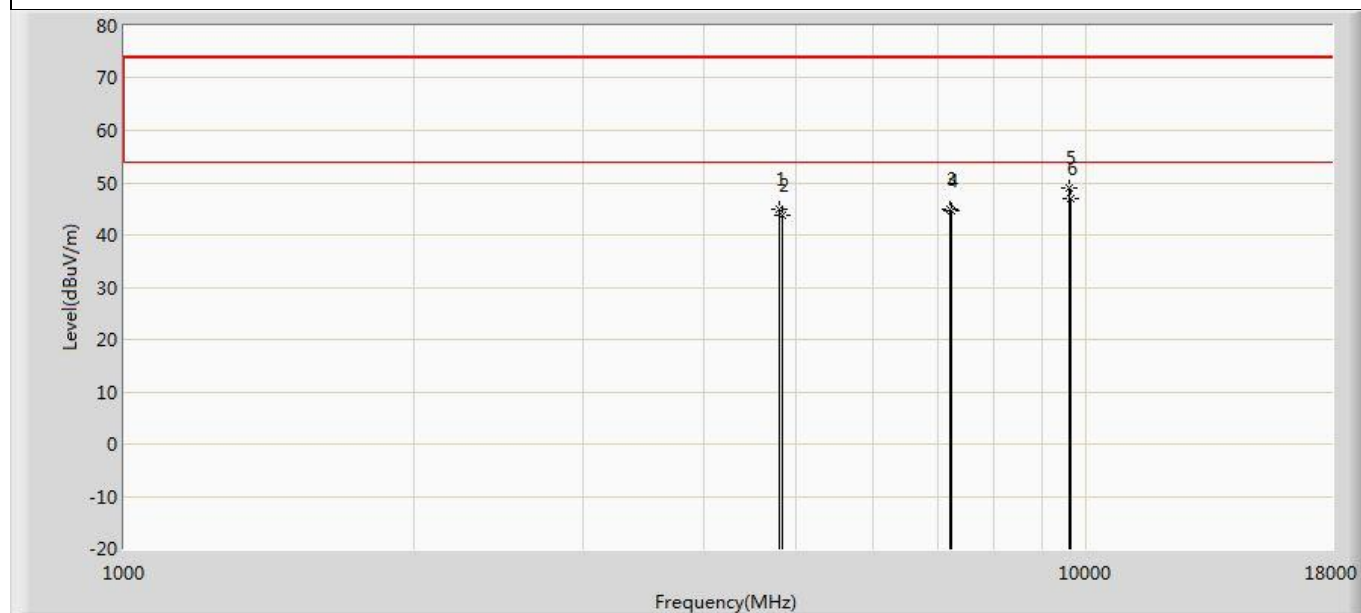
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Probe (dB/m) | Cable (dB) | Amp (dB) | Ant Pos (cm) | Table Pos (deg) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|--------------|------------|----------|--------------|-----------------|------|
| 1  |      | 38.255          | 19.060                 | -4.500               | -20.940         | 40.000         | 17.174       | 6.386      | 0.000    | 299          | 245             | QP   |
| 2  |      | 153.821         | 11.528                 | -5.700               | -31.972         | 43.500         | 10.238       | 6.990      | 0.000    | 200          | 197             | QP   |
| 3  |      | 226.822         | 12.437                 | -6.100               | -33.563         | 46.000         | 11.282       | 7.255      | 0.000    | 192          | 334             | QP   |
| 4  |      | 428.216         | 20.508                 | -6.300               | -25.492         | 46.000         | 18.947       | 7.861      | 0.000    | 106          | 152             | QP   |
| 5  |      | 625.422         | 24.144                 | -5.600               | -21.856         | 46.000         | 21.397       | 8.347      | 0.000    | 159          | 216             | QP   |
| 6  | *    | 955.216         | 27.015                 | -5.600               | -18.985         | 46.000         | 23.563       | 9.053      | 0.000    | 215          | 358             | QP   |

## Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " \* ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Factor(Probe+Cable-Amp)

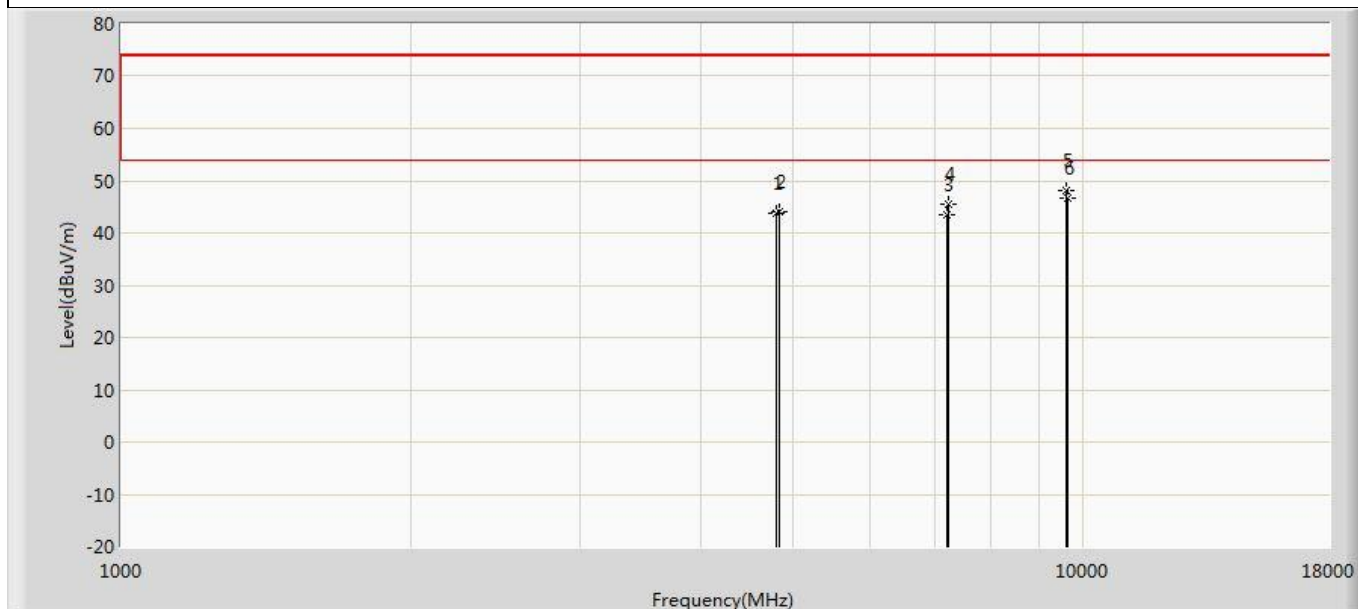
**The worst case of Simultaneous Radiated Emission:**

|                                                                                        |                          |
|----------------------------------------------------------------------------------------|--------------------------|
| Profile: 2190372R                                                                      | Page No.: 125            |
| Engineer: Carlos shen                                                                  |                          |
| Site: AC5                                                                              | Time: 2022/01/05 - 14:38 |
| Limit: FCC_Part15.209_RE(3m)                                                           | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)                                                    | Polarity: Horizontal     |
| EUT: M8 DeskPhone                                                                      | Power: AC 120V/60Hz      |
| Note: Mode 1: Simultaneous transmission with BT ( 2402MHz ) +2.4G WIFI 11b ( 2412MHz ) |                          |



| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4804.000        | 44.808                 | 50.950               | -29.192         | 74.000         | -6.143      | PK   |
| 2  |      | 4824.000        | 43.884                 | 49.924               | -30.116         | 74.000         | -6.039      | PK   |
| 3  |      | 7206.000        | 44.843                 | 47.165               | -29.157         | 74.000         | -2.322      | PK   |
| 4  |      | 7236.000        | 44.539                 | 46.773               | -29.461         | 74.000         | -2.233      | PK   |
| 5  | *    | 9608.000        | 48.885                 | 46.434               | -25.115         | 74.000         | 2.451       | PK   |
| 6  |      | 9648.000        | 46.824                 | 45.289               | -27.176         | 74.000         | 1.535       | PK   |

|                                                                                        |                          |
|----------------------------------------------------------------------------------------|--------------------------|
| Profile: 2190372R                                                                      | Page No.: 126            |
| Engineer: Carlos shen                                                                  |                          |
| Site: AC5                                                                              | Time: 2022/01/05 - 14:38 |
| Limit: FCC_Part15.209_RE(3m)                                                           | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)                                                    | Polarity: Vertical       |
| EUT: M8 DeskPhone                                                                      | Power: AC 120V/60Hz      |
| Note: Mode 1: Simultaneous transmission with BT ( 2402MHz ) +2.4G WIFI 11b ( 2412MHz ) |                          |



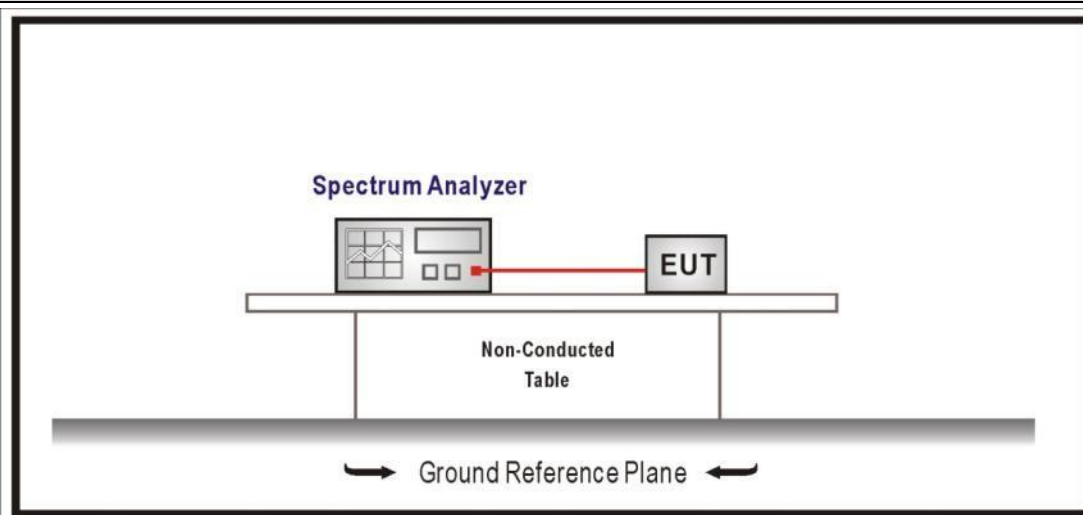
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 4804.000        | 43.805                 | 49.947               | -30.195         | 74.000         | -6.143      | PK   |
| 2  |      | 4824.000        | 44.105                 | 50.145               | -29.895         | 74.000         | -6.039      | PK   |
| 3  |      | 7206.000        | 43.557                 | 45.879               | -30.443         | 74.000         | -2.322      | PK   |
| 4  |      | 7236.000        | 45.575                 | 47.809               | -28.425         | 74.000         | -2.233      | PK   |
| 5  | *    | 9608.000        | 48.054                 | 45.603               | -25.946         | 74.000         | 2.451       | PK   |
| 6  |      | 9648.000        | 46.575                 | 45.040               | -27.425         | 74.000         | 1.535       | PK   |

**4.3 Emissions in non-restricted frequency band****VERDICT: PASS****4.3.1 Limit**

| Standard                            | FCC Part 15 Subpart C Paragraph 15.247(d) |
|-------------------------------------|-------------------------------------------|
| RF Output power (Detection methods) | Limit(dB)                                 |
| RF Output power(Average detector)   | 30dBc(Note1)                              |
| RF Output power(PK detector)        | 20dBc(Note2)                              |

Note 1: If maximum conducted (average) output power was used to demonstrate compliance as described in 9.2, then the peak power in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 30 dB relative to the maximum in-band peak PSD level in 100 kHz (i.e., 30 dBc).

Note 2: If the maximum peak conducted output power procedure was used, then the peak output power measured in any 100 kHz bandwidth outside of the authorized frequency band shall be attenuated by at least 20 dB relative to the maximum in-band peak PSD level in 100 kHz (i.e., 20 dBc).

**4.3.2 Test Setup****4.3.3 Test Procedure**

| References Rule                                 | Chapter | Description                                 |
|-------------------------------------------------|---------|---------------------------------------------|
| <input checked="" type="checkbox"/> ANSI C63.10 | 11.11   | Emissions in non-restricted frequency bands |
| <input checked="" type="checkbox"/> ANSI C63.10 | 11.11.1 | General                                     |
| <input checked="" type="checkbox"/> ANSI C63.10 | 11.11.2 | Reference level measurement                 |
| <input checked="" type="checkbox"/> ANSI C63.10 | 11.11.3 | Emission level measurement                  |

#### 4.3.4 Test Data

| Mode | Channel | Test Frequency (MHz) | Maximum In-Band PSD[a] (dBm/100kHz) | Frequency (MHz) | Out-Band PSD[b] (dBm/100kHz) | [a]-[b] (dB) | Limit (dB) | Result |
|------|---------|----------------------|-------------------------------------|-----------------|------------------------------|--------------|------------|--------|
| 1    | 1       | 2412                 | 3.731                               | 2397.979        | -44.317                      | 48.048       | ≥20        | Pass   |
|      | 11      | 2462                 | 3.398                               | 2500            | -57                          | 60.398       | ≥20        | Pass   |
| 2    | 1       | 2412                 | 0.489                               | 2400            | -36.196                      | 36.685       | ≥20        | Pass   |
|      | 11      | 2462                 | 0.536                               | 2500            | -55.575                      | 56.111       | ≥20        | Pass   |
| 3    | 1       | 2412                 | 1.389                               | 2400            | -35.063                      | 36.452       | ≥20        | Pass   |
|      | 11      | 2462                 | 1.517                               | 2506.594        | -54.383                      | 55.9         | ≥20        | Pass   |
| 4    | 3       | 2422                 | -1.726                              | 2384.489        | -31.068                      | 29.342       | ≥20        | Pass   |
|      | 9       | 2452                 | -1.911                              | 2500            | -54.058                      | 52.147       | ≥20        | Pass   |

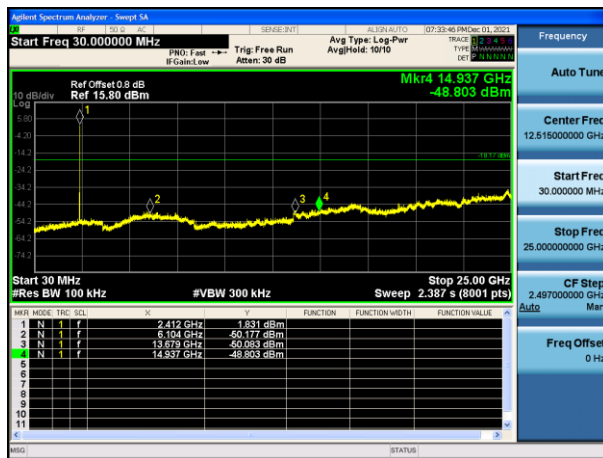
Note: The worst case of emissions in non-restricted frequency bands as below:

Mode 4 CH03(2422MHz)

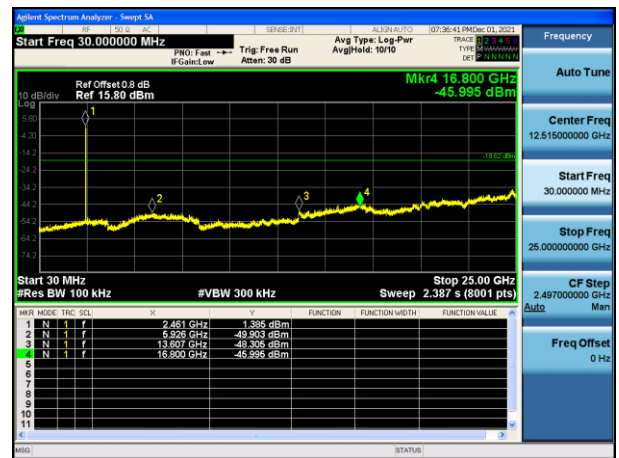


The data of entire corresponding spectrum:

Mode 1 CH01 (2412MHz)



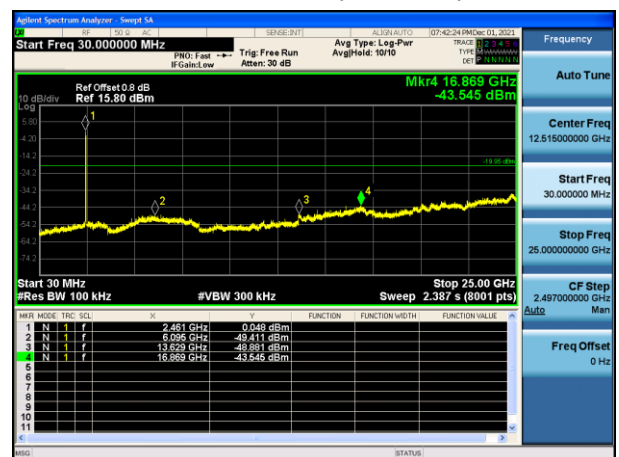
Mode 1 CH11 (2462MHz)



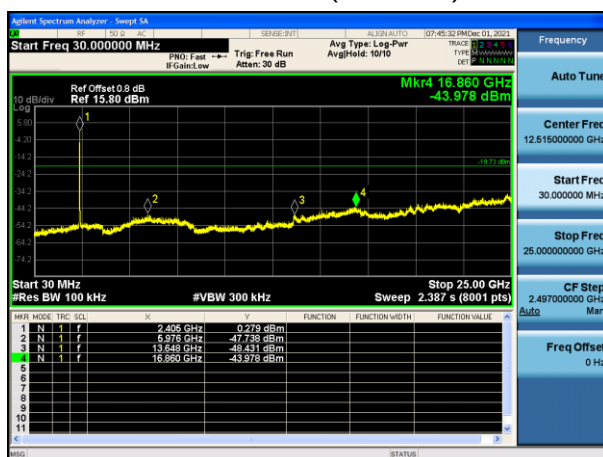
Mode 2 CH01 (2412MHz)



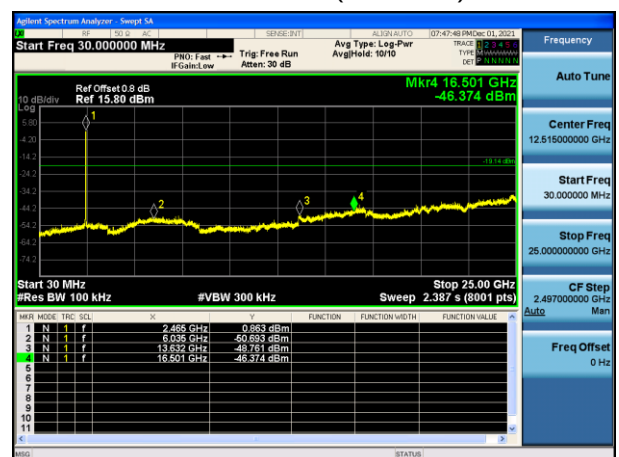
Mode 2 CH11 (2462MHz)



Mode 3 CH01 (2412MHz)



Mode 3 CH11 (2462MHz)

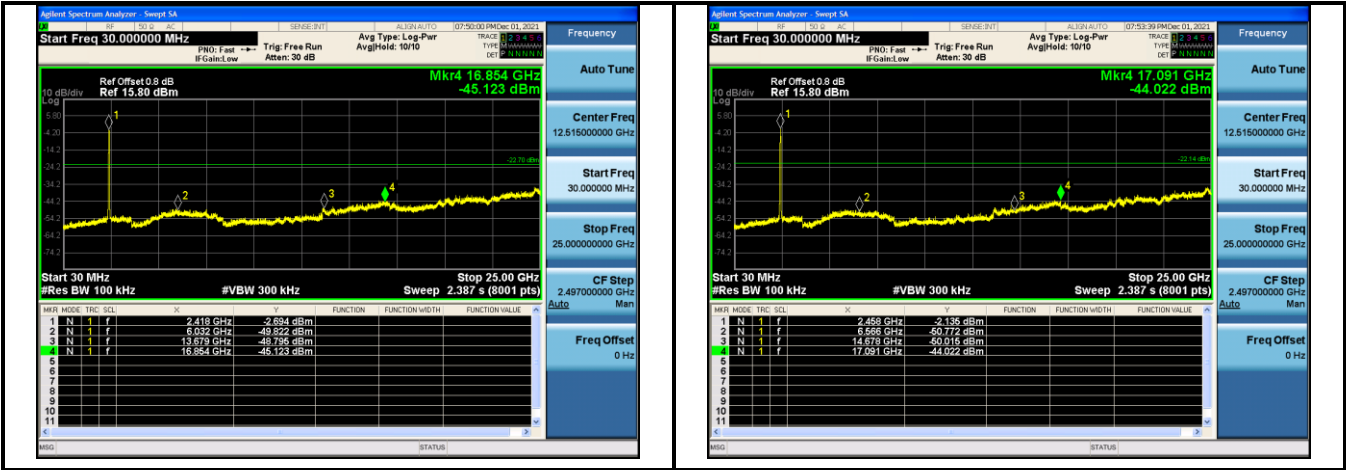


Mode 4 CH03 (2422MHz)



Mode 4 CH09 (2452MHz)

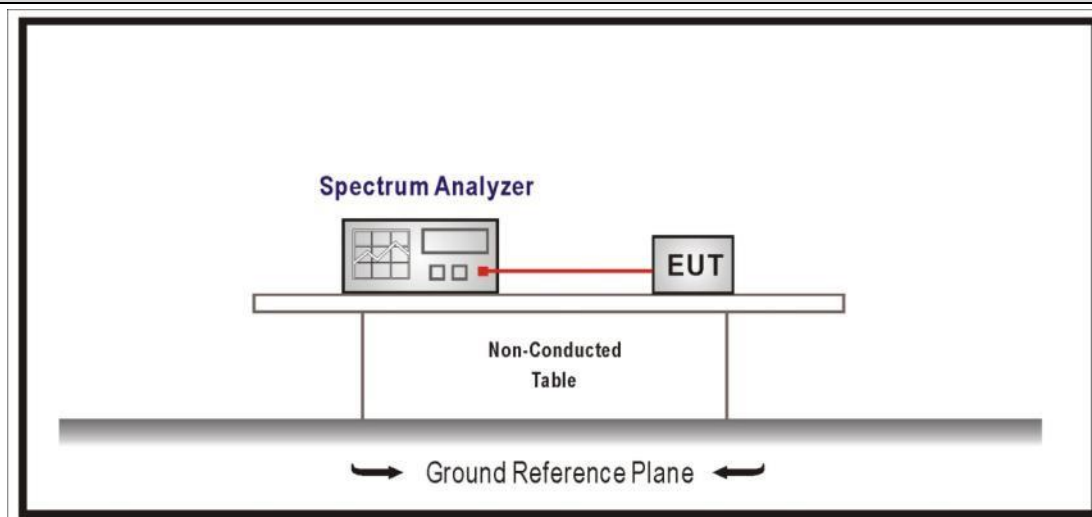




|                       |                      |
|-----------------------|----------------------|
| <b>4.4 Duty cycle</b> | <b>VERDICT: PASS</b> |
|-----------------------|----------------------|

**4.4.1 Limit**

N/A

**4.4.2 Test Setup****4.1.1 Test Procedure**

| References Rule                                 | Chapter | Description                                                                |
|-------------------------------------------------|---------|----------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> ANSI C63.10 | 11.6    | Duty cycle (D), transmission duration (T), and maximum power control level |

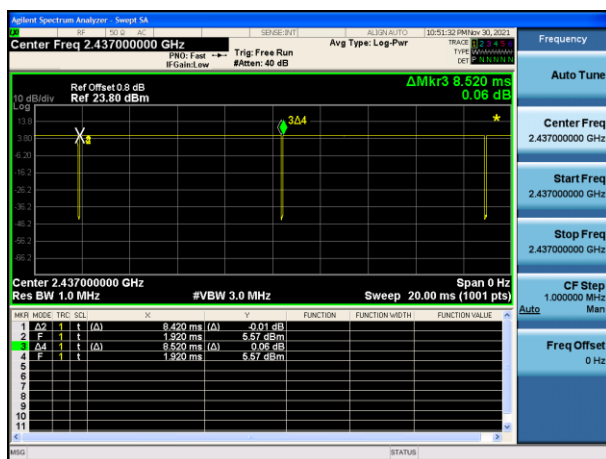
#### 4.4.3 Test Data

| Test Mode | Tx On (ms) | VBW (KHz) | Tx On + Tx Off (ms) | Duty Cycle (%) |
|-----------|------------|-----------|---------------------|----------------|
| Mode 1    | 8.42       | 0.12      | 8.52                | 98.83          |
| Mode 2    | 1.385      | 0.72      | 1.5                 | 92.33          |
| Mode 3    | 1.3        | 0.77      | 1.42                | 91.55          |
| Mode 4    | 0.648      | 1.54      | 0.69                | 93.91          |

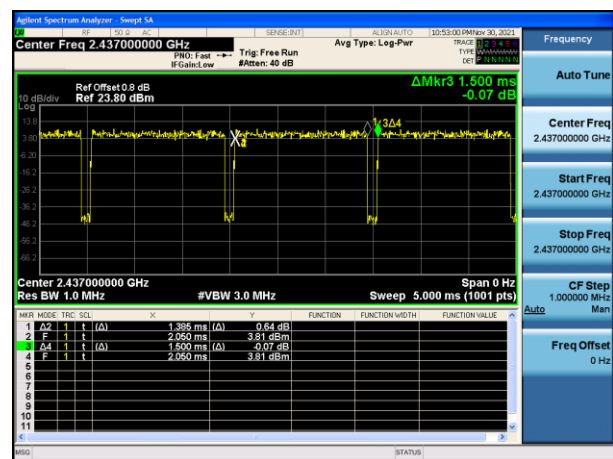
Note 1: T means the minimum transmission duration over which the transmitter is on and is transmitting at its maximum power control level for the tested mode of operation.

Note 2: According to KDB 558074, when test for Radiated Emission Band Edge and Radiated Emission, for average detector set:  $VBW \geq 1/T$  will be used.

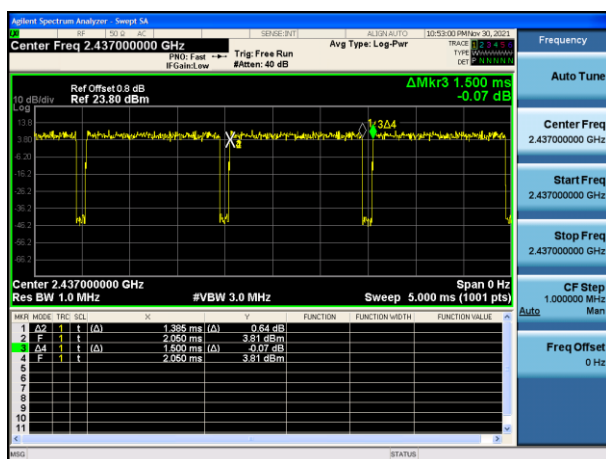
Mode 1 2437MHz



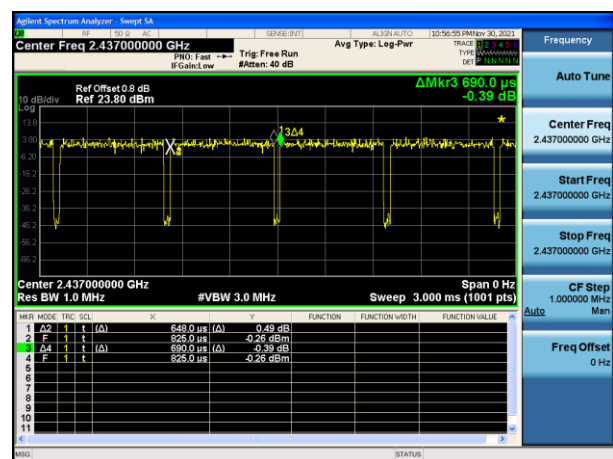
Mode 2 2437MHz



Mode 3 2437MHz



Mode 4 2437MHz



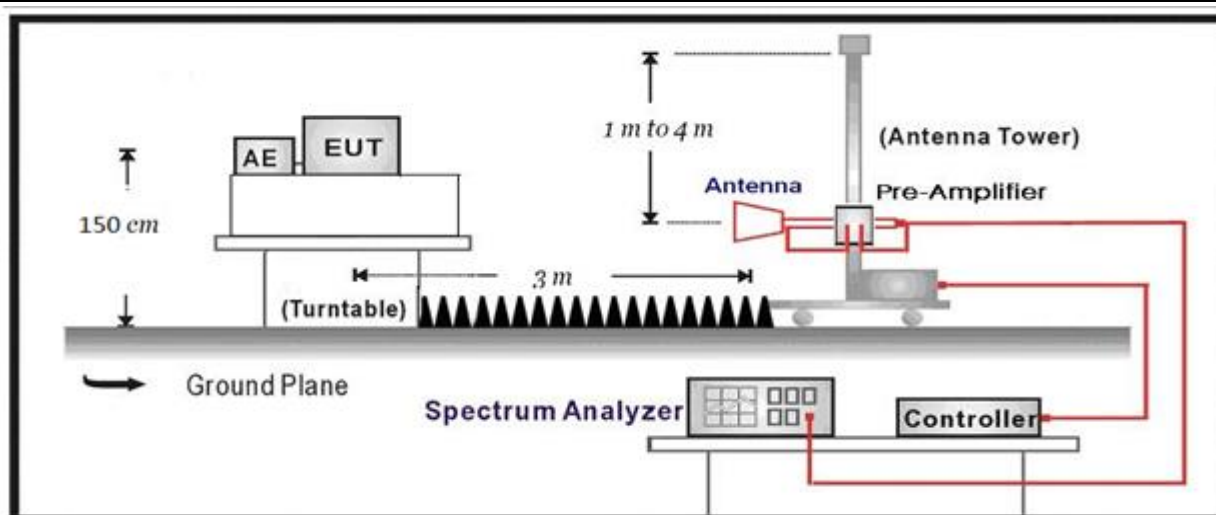
**4.5 Radiated Emission Band Edge****VERDICT: PASS****4.5.1 Limit**

| Standard                 |          | FCC Part 15 Subpart C Paragraph 15.247(d) , 15.205, 15.209 |           |              |
|--------------------------|----------|------------------------------------------------------------|-----------|--------------|
| Frequency bands (MHz)    | Detector | Limit (dB $\mu$ V/m)                                       | RBW (MHz) | Distance (m) |
| 2310-2390<br>2483.5-2500 | PK       | 74                                                         | 1         | 3            |
|                          | AV       | 54                                                         | 1         | 3            |

Note: The field strength of emissions appearing within these frequency bands shall not exceed the limits.

**4.5.2 Test Setup**

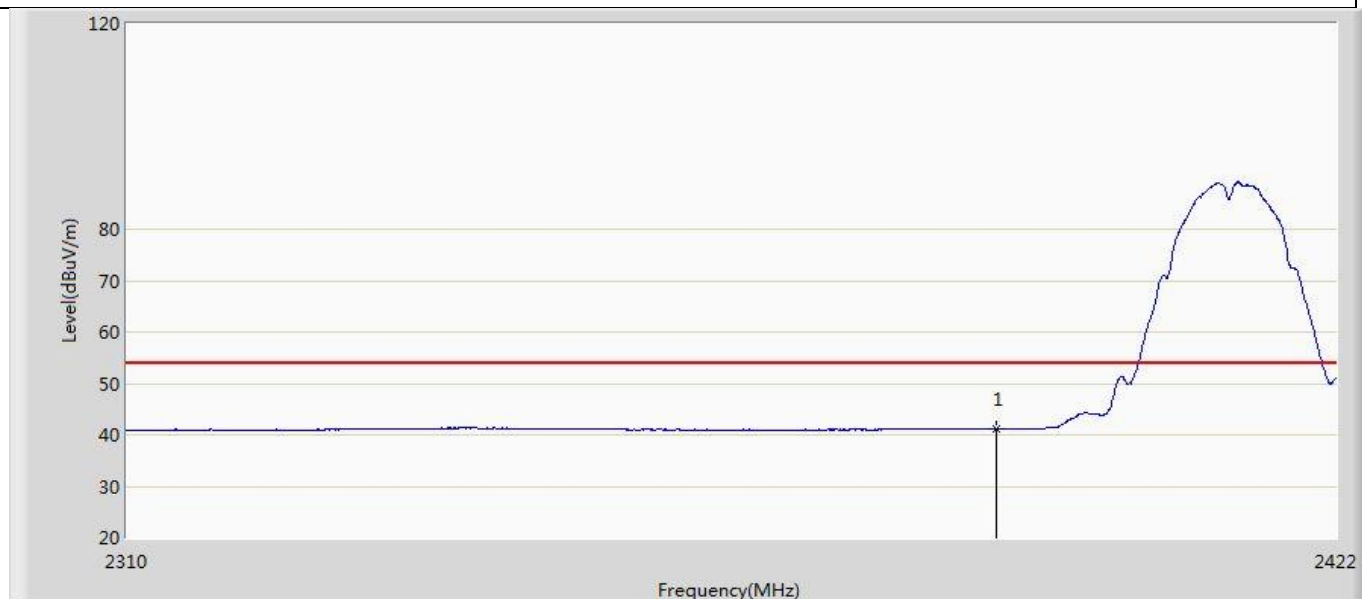
Above 1GHz Test Setup:



| 4.5.3 Test Procedure                |                                                 |         |                                                                                                  |
|-------------------------------------|-------------------------------------------------|---------|--------------------------------------------------------------------------------------------------|
|                                     | References Rule                                 | Chapter | Description                                                                                      |
| <input checked="" type="checkbox"/> | ANSI C63.10                                     | 6.10    | Band-edge testing                                                                                |
|                                     | <input checked="" type="checkbox"/> ANSI C63.10 | 6.10.5  | Restricted-band band-edge measurements                                                           |
|                                     | <input type="checkbox"/> ANSI C63.10            | 6.10.6  | Marker-delta method                                                                              |
| <input checked="" type="checkbox"/> | ANSI C63.10                                     | 11.12   | Emissions in restricted frequency bands                                                          |
|                                     | <input checked="" type="checkbox"/> ANSI C63.10 | 11.12.1 | Radiated emission measurements                                                                   |
|                                     | <input checked="" type="checkbox"/> ANSI C63.10 | 6.3     | Radiated spurious emission test                                                                  |
| <input type="checkbox"/>            | ANSI C63.10                                     | 6.4     | Radiated emissions from unlicensed wireless devices below 30 MHz                                 |
| <input type="checkbox"/>            | ANSI C63.10                                     | 6.5     | Radiated emissions from unlicensed wireless devices in the frequency range of 30 MHz to 1000 MHz |
| <input checked="" type="checkbox"/> | ANSI C63.10                                     | 6.6     | Radiated emissions from unlicensed wireless devices above 1 GHz                                  |

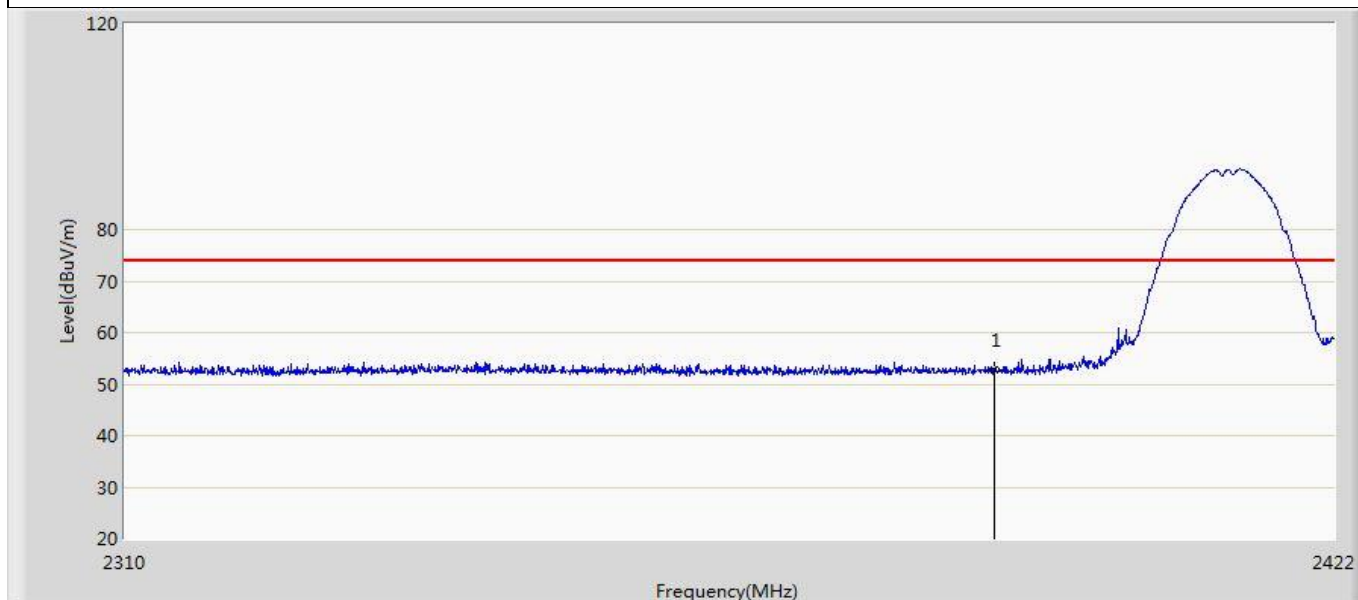
#### 4.5.4 Test Data

|                                         |                          |
|-----------------------------------------|--------------------------|
| Profile: 2190372R                       | Page No.: 1              |
| Engineer: Carlosshen                    |                          |
| Site: AC5                               | Time: 2020/03/12 - 00:39 |
| Limit: FCC_Part15.209_RE(3m)            | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)     | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                       | Power: AC 120V/60Hz      |
| Note: Mode 1:Transmit at 2412MHz by 11b |                          |



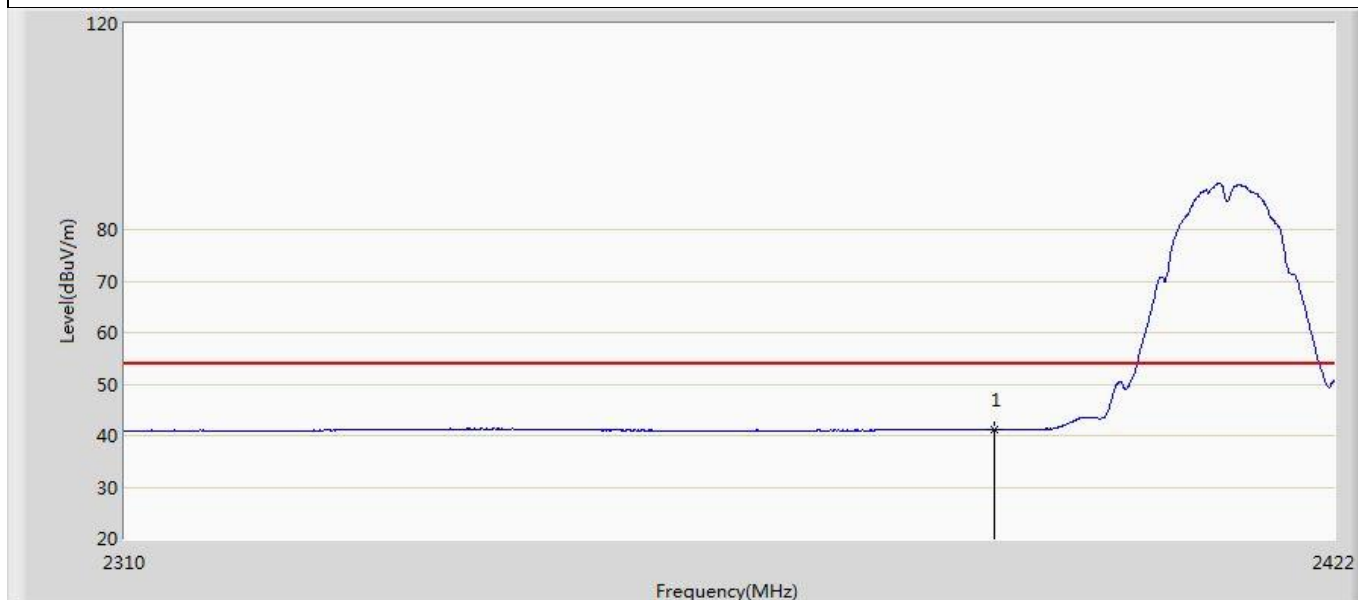
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2390.000        | 41.125                 | 5.666                | -12.875         | 54.000         | 35.459      | AV   |

|                                         |                          |
|-----------------------------------------|--------------------------|
| Profile: 2190372R                       | Page No.: 2              |
| Engineer: Carlosshen                    |                          |
| Site: AC5                               | Time: 2021/12/09 - 07:40 |
| Limit: FCC_Part15.209_RE(3m)            | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)     | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                       | Power: AC 120V/60Hz      |
| Note: Mode 1:Transmit at 2412MHz by 11b |                          |



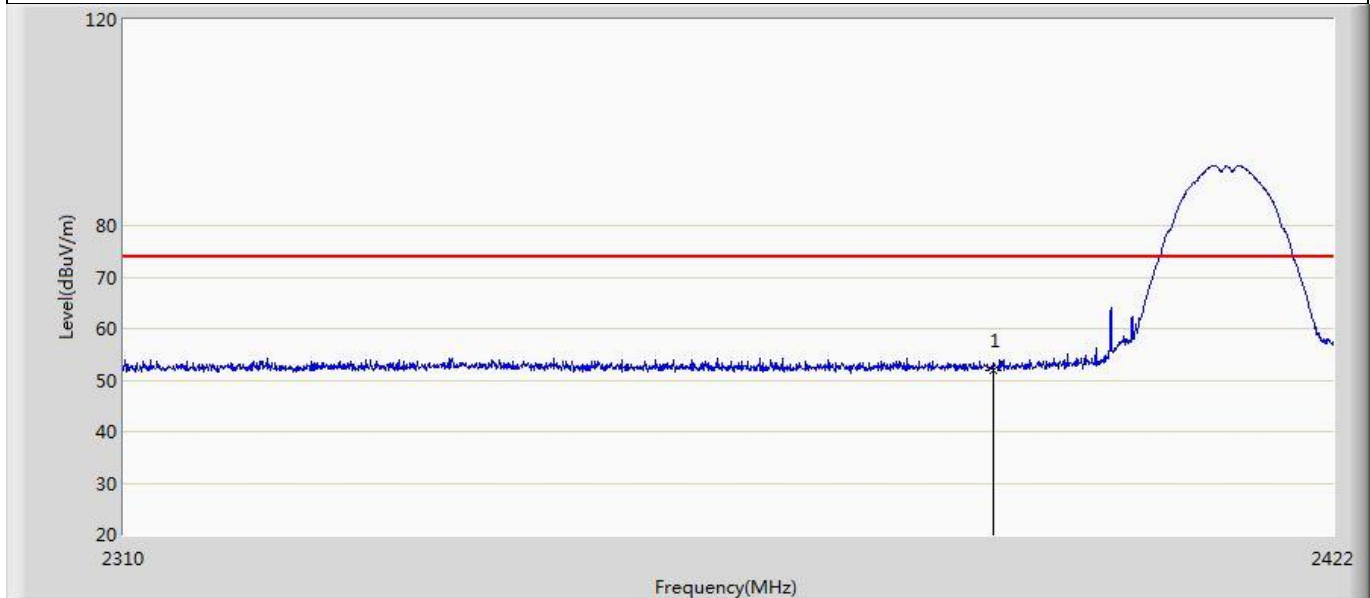
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2390.000        | 52.759                 | 17.300               | -21.241         | 74.000         | 35.459      | PK   |

|                                         |                          |
|-----------------------------------------|--------------------------|
| Profile: 2190372R                       | Page No.: 3              |
| Engineer: Carlosshen                    |                          |
| Site: AC5                               | Time: 2021/12/09 - 07:41 |
| Limit: FCC_Part15.209_RE(3m)            | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)     | Polarity: Vertical       |
| EUT: M8 DESKPHONE                       | Power: AC 120V/60Hz      |
| Note: Mode 1:Transmit at 2412MHz by 11b |                          |



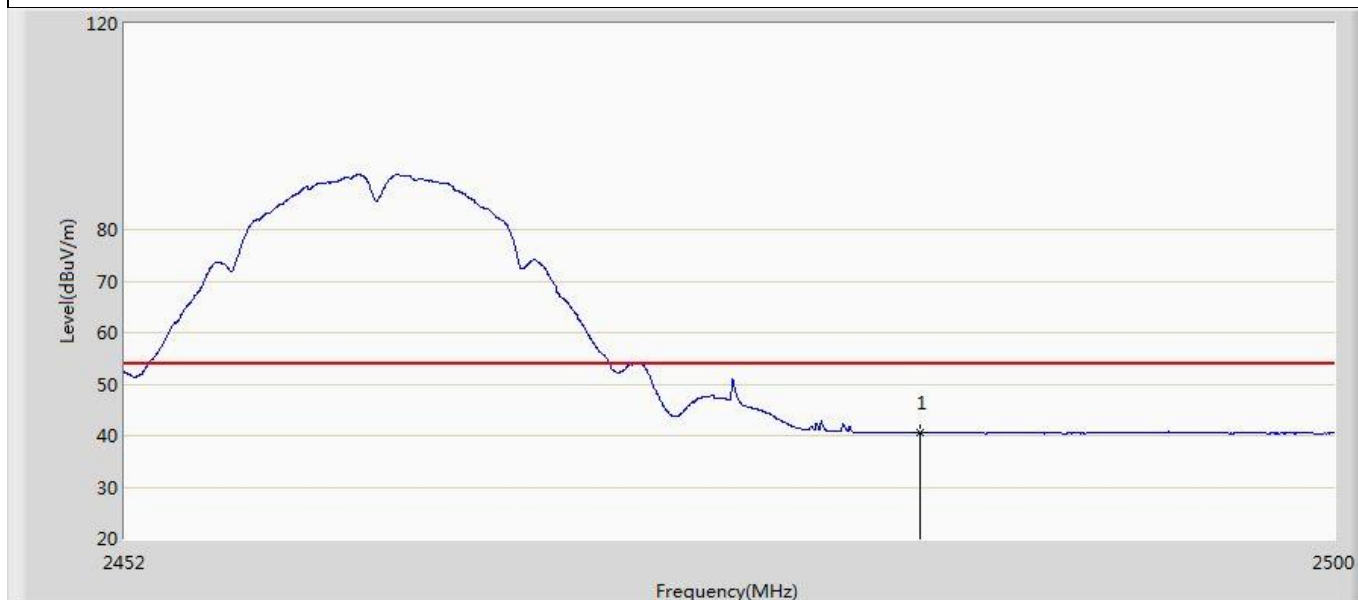
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2390.000        | 41.133                 | 5.674                | -12.867         | 54.000         | 35.459      | AV   |

|                                         |                          |
|-----------------------------------------|--------------------------|
| Profile: 2190372R                       | Page No.: 4              |
| Engineer: Carlosshen                    |                          |
| Site: AC5                               | Time: 2021/12/09 - 07:42 |
| Limit: FCC_Part15.209_RE(3m)            | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)     | Polarity: Vertical       |
| EUT: M8 DESKPHONE                       | Power: AC 120V/60Hz      |
| Note: Mode 1:Transmit at 2412MHz by 11b |                          |



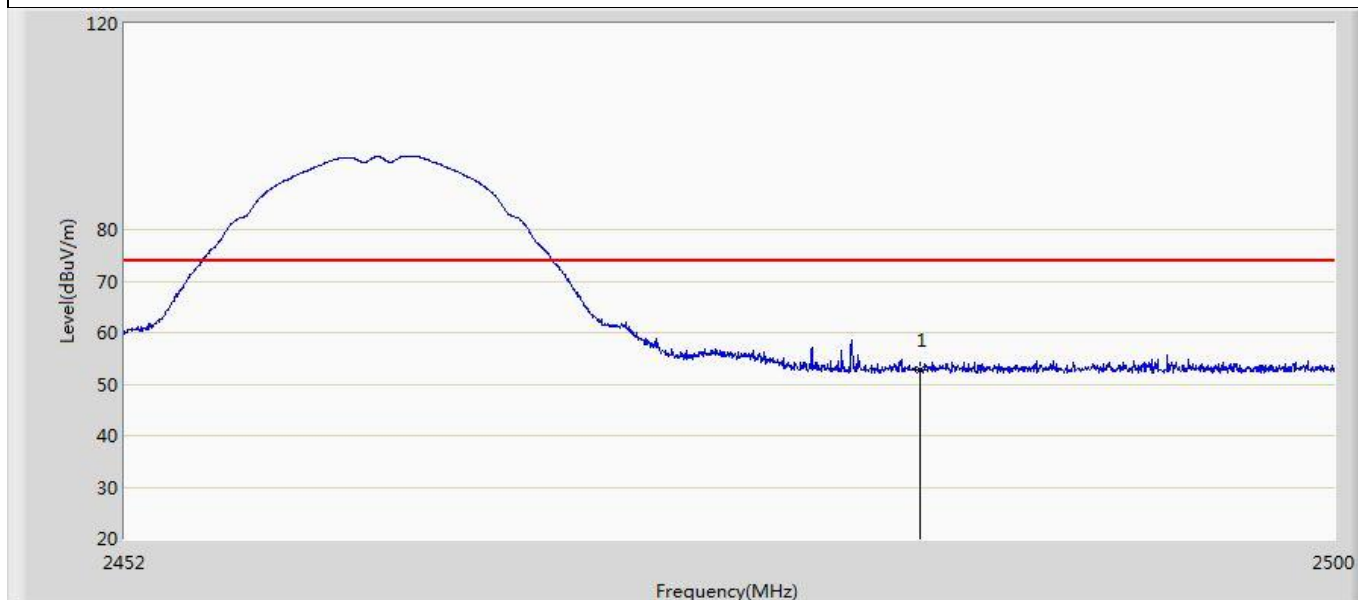
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2390.000        | 51.992                 | 16.533               | -22.008         | 74.000         | 35.459      | PK   |

|                                         |                          |
|-----------------------------------------|--------------------------|
| Profile: 2190372R                       | Page No.: 5              |
| Engineer: Carlosshen                    |                          |
| Site: AC5                               | Time: 2021/12/09 - 07:44 |
| Limit: FCC_Part15.209_RE(3m)            | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)     | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                       | Power: AC 120V/60Hz      |
| Note: Mode 1:Transmit at 2462MHz by 11b |                          |



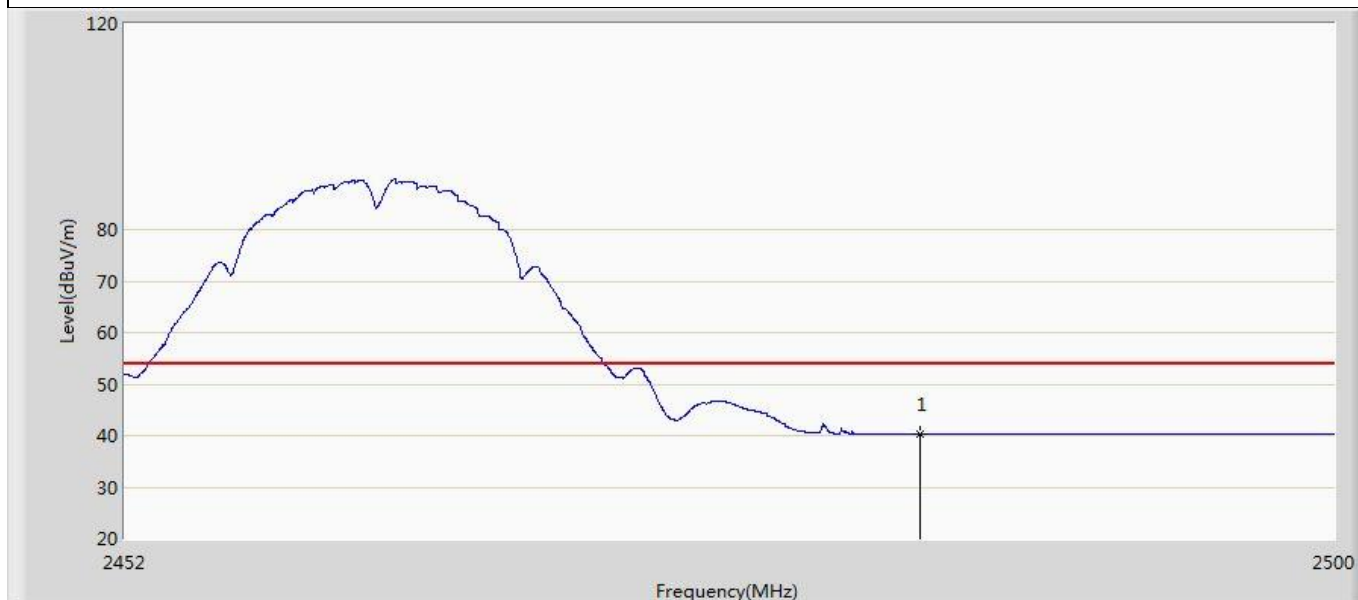
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2483.500        | 40.601                 | 4.926                | -13.399         | 54.000         | 35.675      | AV   |

|                                         |                          |
|-----------------------------------------|--------------------------|
| Profile: 2190372R                       | Page No.: 6              |
| Engineer: Carlosshen                    |                          |
| Site: AC5                               | Time: 2021/12/09 - 07:49 |
| Limit: FCC_Part15.209_RE(3m)            | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)     | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                       | Power: AC 120V/60Hz      |
| Note: Mode 1:Transmit at 2462MHz by 11b |                          |



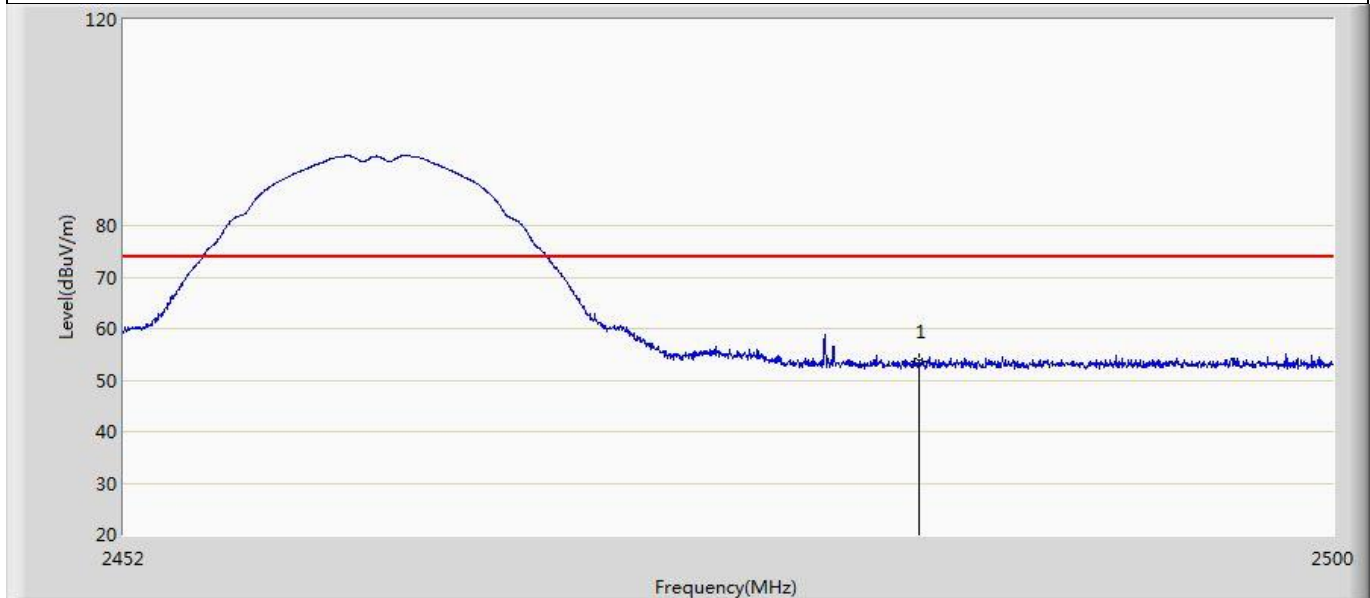
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2483.500        | 52.829                 | 17.154               | -21.171         | 74.000         | 35.675      | PK   |

|                                         |                          |
|-----------------------------------------|--------------------------|
| Profile: 2190372R                       | Page No.: 7              |
| Engineer: Carlosshen                    |                          |
| Site: AC5                               | Time: 2021/12/09 - 07:52 |
| Limit: FCC_Part15.209_RE(3m)            | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)     | Polarity: Vertical       |
| EUT: M8 DESKPHONE                       | Power: AC 120V/60Hz      |
| Note: Mode 1:Transmit at 2462MHz by 11b |                          |



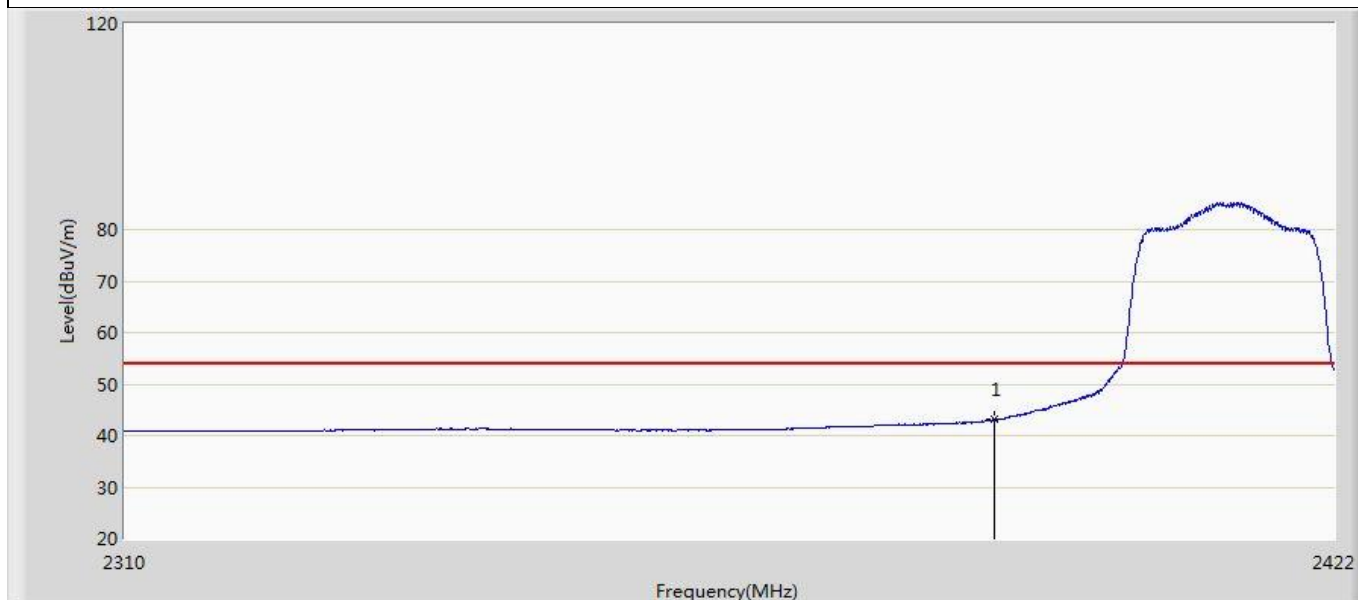
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2483.500        | 40.238                 | 4.563                | -13.762         | 54.000         | 35.675      | AV   |

|                                         |                          |
|-----------------------------------------|--------------------------|
| Profile: 2190372R                       | Page No.: 8              |
| Engineer: Carlosshen                    |                          |
| Site: AC5                               | Time: 2021/12/09 - 07:53 |
| Limit: FCC_Part15.209_RE(3m)            | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)     | Polarity: Vertical       |
| EUT: M8 DESKPHONE                       | Power: AC 120V/60Hz      |
| Note: Mode 1:Transmit at 2462MHz by 11b |                          |



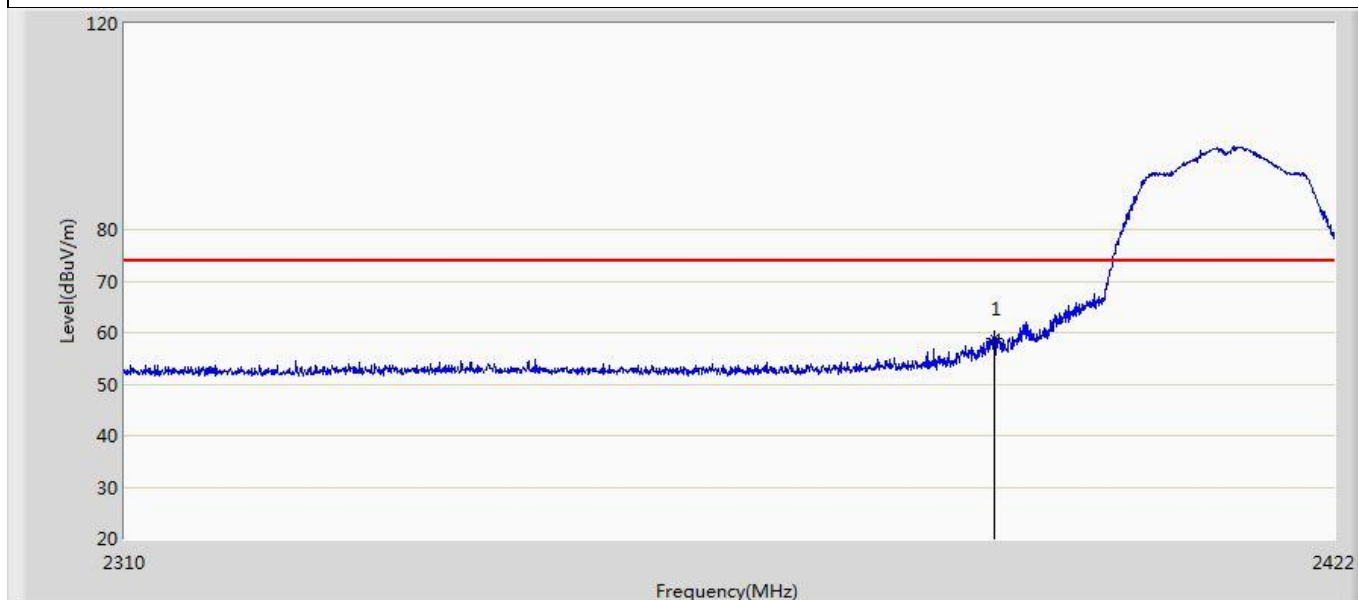
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2483.500        | 53.593                 | 17.918               | -20.407         | 74.000         | 35.675      | PK   |

|                                         |                          |
|-----------------------------------------|--------------------------|
| Profile: 2190372R                       | Page No.: 9              |
| Engineer: Carlosshen                    |                          |
| Site: AC5                               | Time: 2021/12/09 - 07:55 |
| Limit: FCC_Part15.209_RE(3m)            | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)     | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                       | Power: AC 120V/60Hz      |
| Note: Mode 2:Transmit at 2412MHz by 11g |                          |



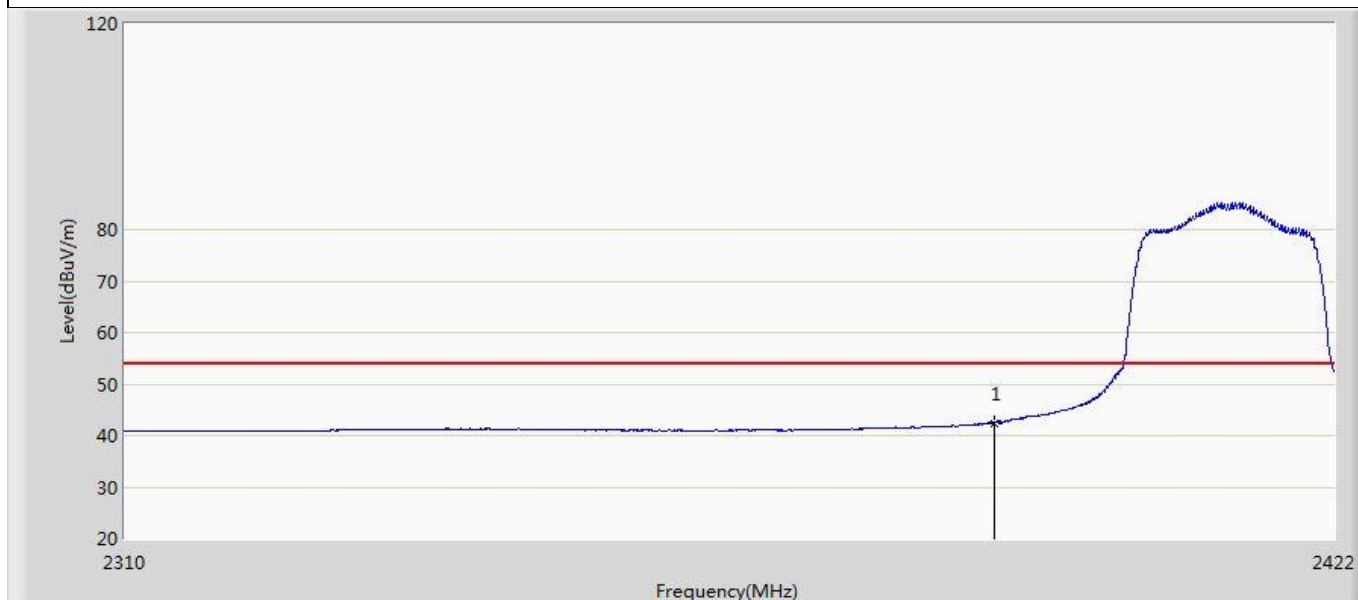
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2390.000        | 43.071                 | 7.612                | -10.929         | 54.000         | 35.459      | AV   |

|                                        |                          |
|----------------------------------------|--------------------------|
| Profile: 2190372R                      | Page No.: 10             |
| Engineer: Carlosshen                   |                          |
| Site: AC5                              | Time: 2021/12/09 - 07:57 |
| Limit: FCC_Part15.209_RE(3m)           | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)    | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                      | Power: AC 120V/60Hz      |
| Note: Mode :Transmit at 2412MHz by 11g |                          |



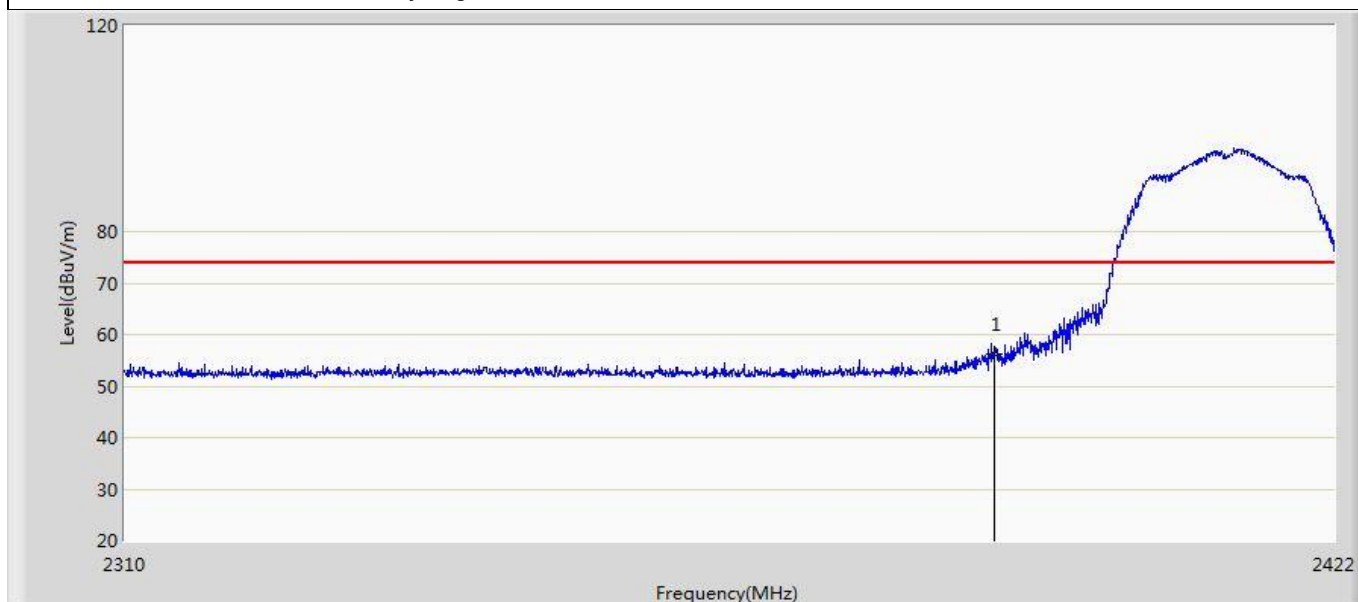
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2390.000        | 58.779                 | 23.320               | -15.221         | 74.000         | 35.459      | PK   |

|                                        |                          |
|----------------------------------------|--------------------------|
| Profile: 2190372R                      | Page No.: 11             |
| Engineer: Carlosshen                   |                          |
| Site: AC5                              | Time: 2021/12/09 - 07:58 |
| Limit: FCC_Part15.209_RE(3m)           | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)    | Polarity: Vertical       |
| EUT: M8 DESKPHONE                      | Power: AC 120V/60Hz      |
| Note: Mode :Transmit at 2412MHz by 11g |                          |



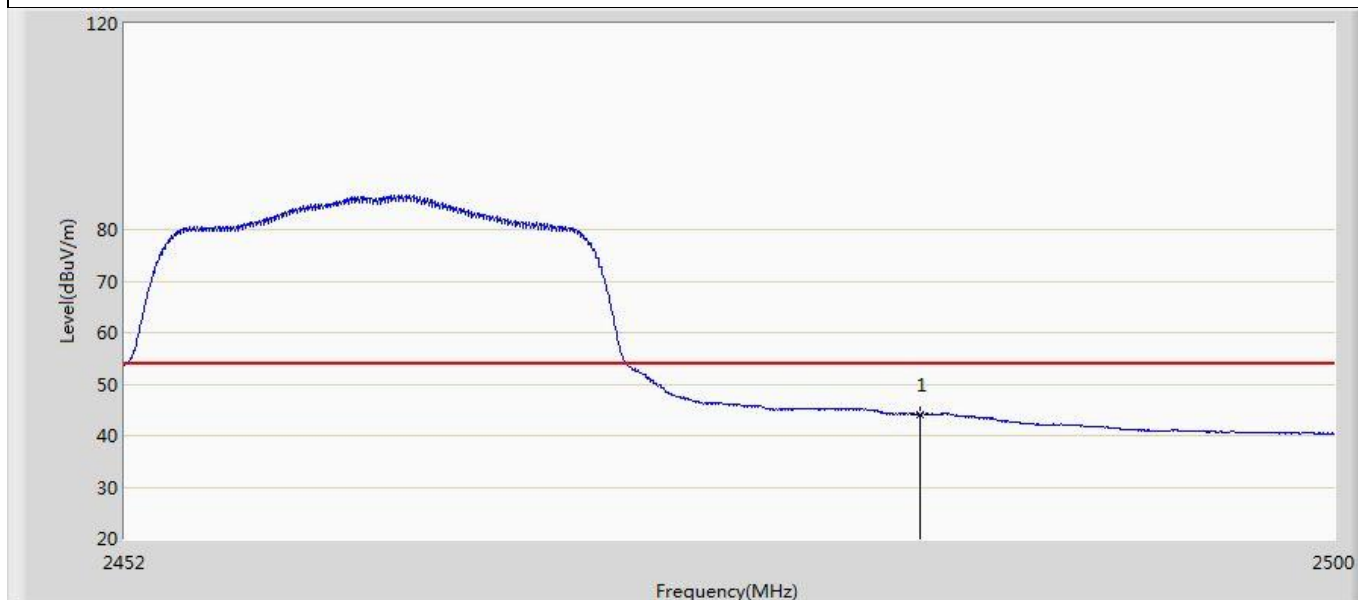
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2390.000        | 42.380                 | 6.921                | -11.620         | 54.000         | 35.459      | AV   |

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|----------------------------------------|--------------------------|
| Profile: 2190372R                      | Page No.: 12             |
| Engineer: Carlosshen                   |                          |
| Site: AC5                              | Time: 2021/12/09 - 08:00 |
| Limit: FCC_Part15.209_RE(3m)           | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)    | Polarity: Vertical       |
| EUT: M8 DESKPHONE                      | Power: AC 120V/60Hz      |
| Note: Mode :Transmit at 2412MHz by 11g |                          |



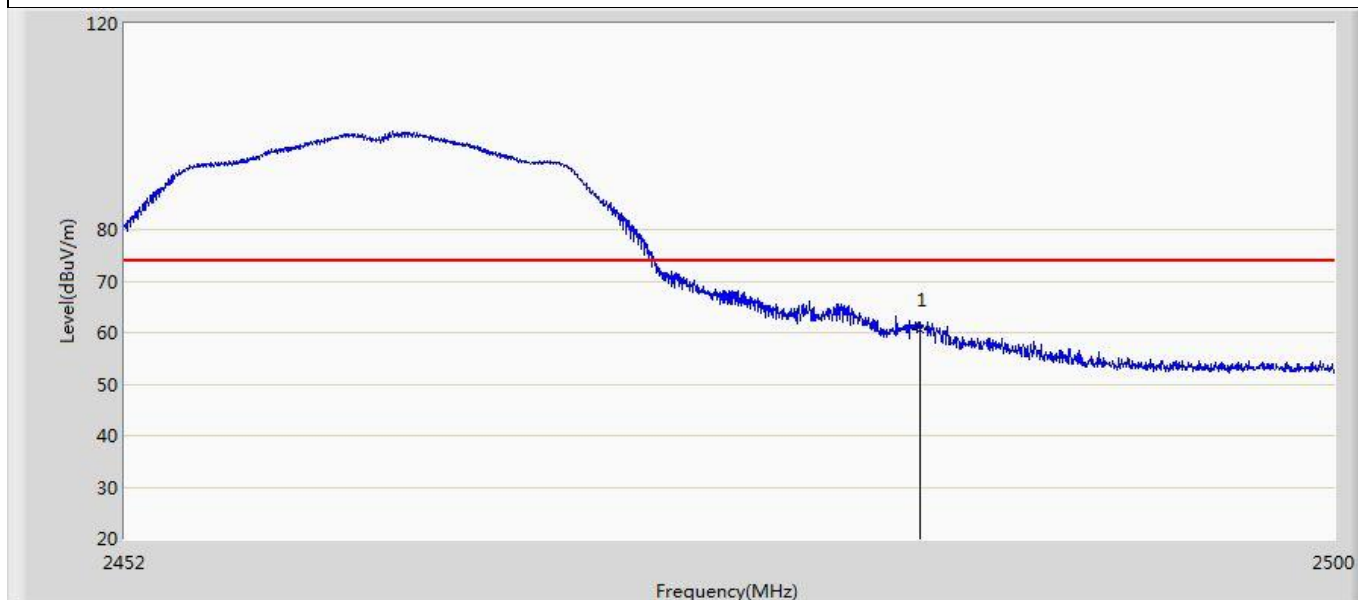
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2390.000        | 56.215                 | 20.756               | -17.785         | 74.000         | 35.459      | PK   |

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|----------------------------------------|--------------------------|
| Profile: 2190372R                      | Page No.: 13             |
| Engineer: Carlosshen                   |                          |
| Site: AC5                              | Time: 2021/12/09 - 08:02 |
| Limit: FCC_Part15.209_RE(3m)           | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)    | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                      | Power: AC 120V/60Hz      |
| Note: Mode :Transmit at 2462MHz by 11g |                          |



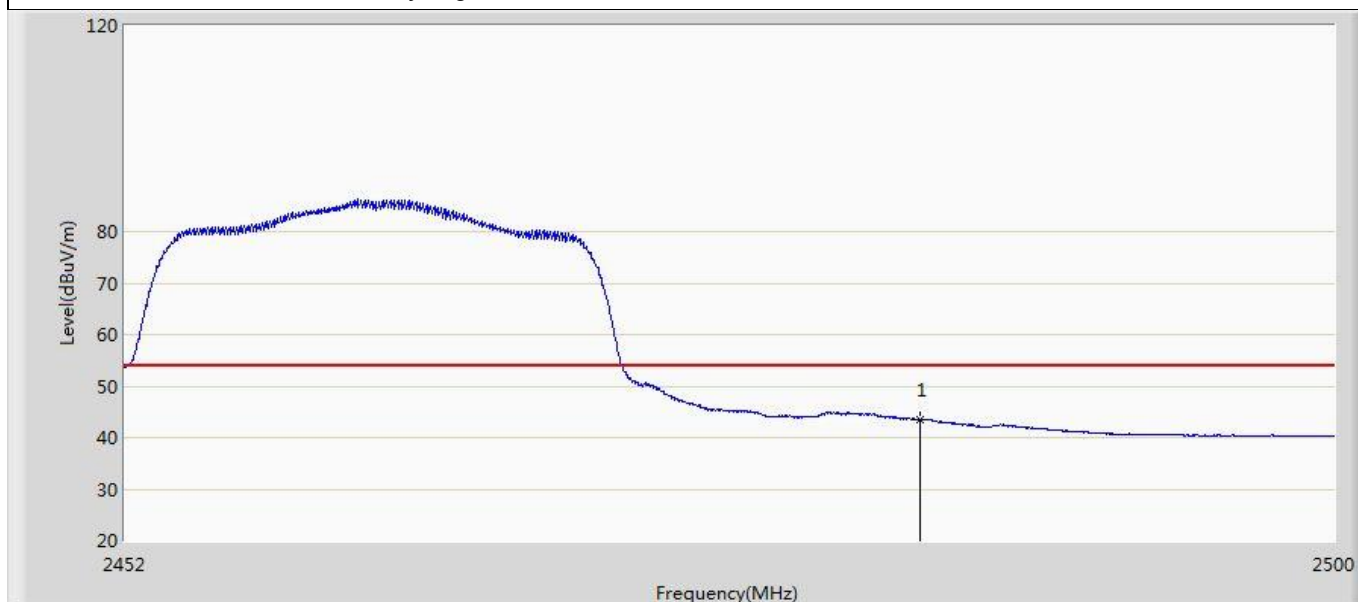
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2483.500        | 44.167                 | 8.492                | -9.833          | 54.000         | 35.675      | AV   |

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|----------------------------------------|--------------------------|
| Profile: 2190372R                      | Page No.: 14             |
| Engineer: Carlosshen                   |                          |
| Site: AC5                              | Time: 2021/12/09 - 08:03 |
| Limit: FCC_Part15.209_RE(3m)           | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)    | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                      | Power: AC 120V/60Hz      |
| Note: Mode :Transmit at 2462MHz by 11g |                          |



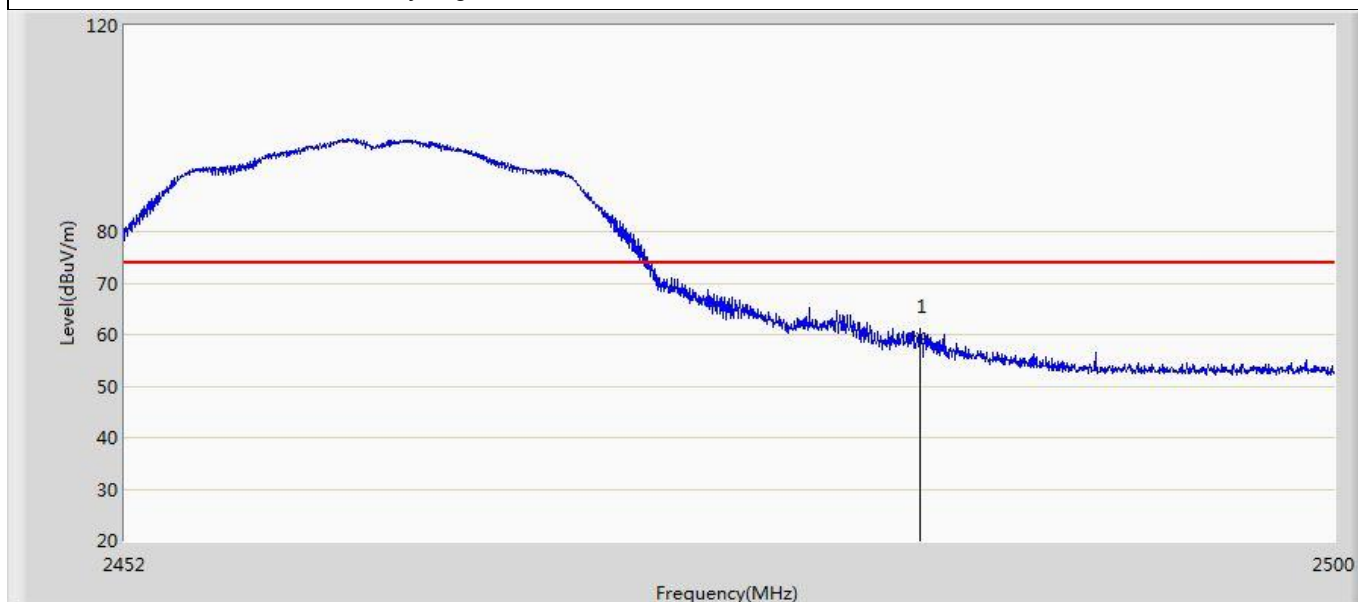
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2483.500        | 60.539                 | 24.864               | -13.461         | 74.000         | 35.675      | PK   |

|                                        |                          |
|----------------------------------------|--------------------------|
| Profile: 2190372R                      | Page No.: 15             |
| Engineer: Carlosshen                   |                          |
| Site: AC5                              | Time: 2021/12/09 - 08:05 |
| Limit: FCC_Part15.209_RE(3m)           | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)    | Polarity: Vertical       |
| EUT: M8 DESKPHONE                      | Power: AC 120V/60Hz      |
| Note: Mode :Transmit at 2462MHz by 11g |                          |



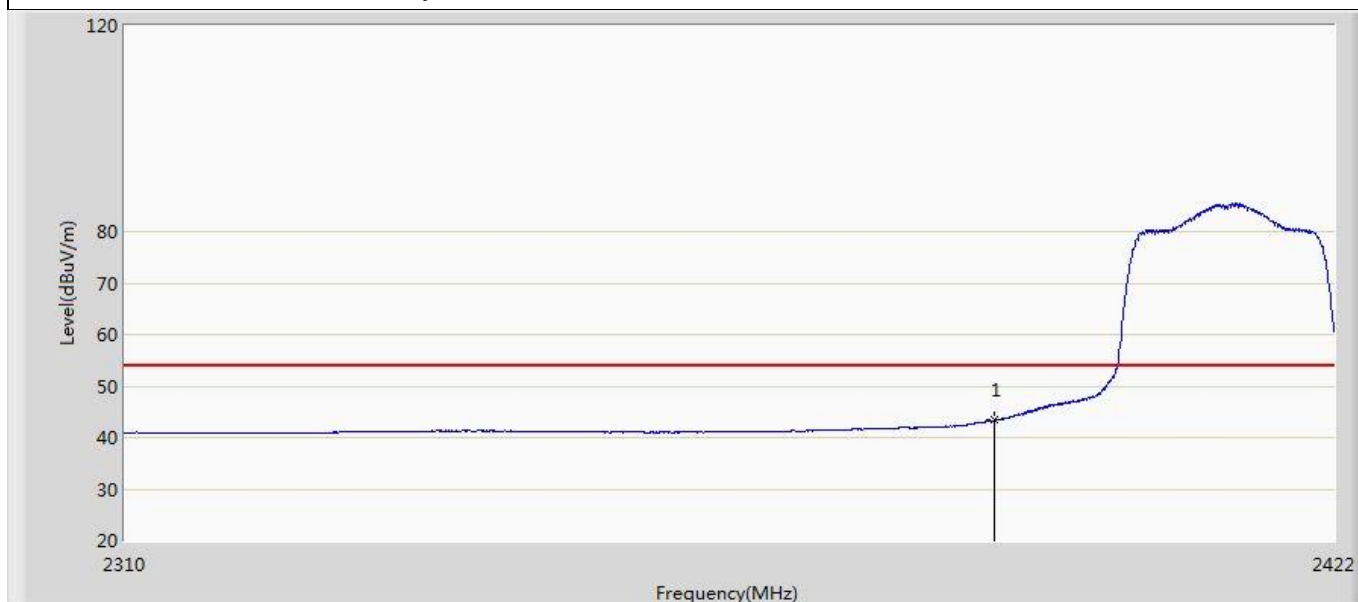
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2483.500        | 43.596                 | 7.921                | -10.404         | 54.000         | 35.675      | AV   |

|                                        |                          |
|----------------------------------------|--------------------------|
| Profile: 2190372R                      | Page No.: 16             |
| Engineer: Carlosshen                   |                          |
| Site: AC5                              | Time: 2021/12/09 - 08:06 |
| Limit: FCC_Part15.209_RE(3m)           | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)    | Polarity: Vertical       |
| EUT: M8 DESKPHONE                      | Power: AC 120V/60Hz      |
| Note: Mode :Transmit at 2462MHz by 11g |                          |



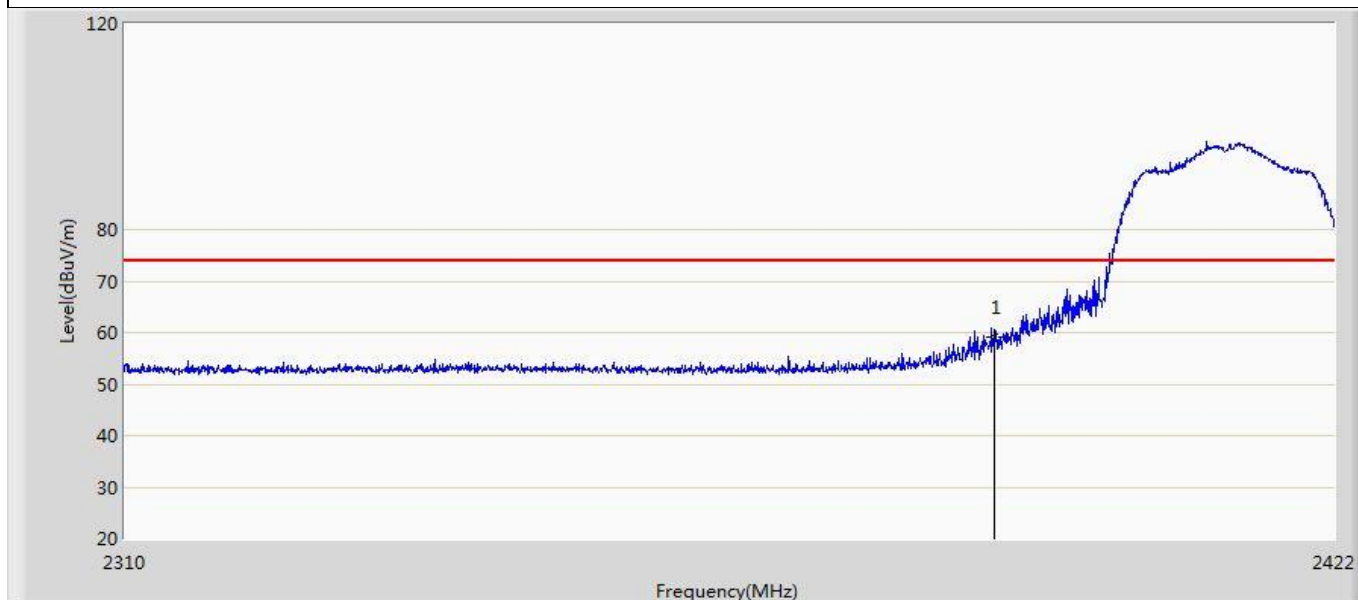
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2483.500        | 59.597                 | 23.922               | -14.403         | 74.000         | 35.675      | PK   |

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|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 17             |
| Engineer: Carlosshen                      |                          |
| Site: AC5                                 | Time: 2021/12/09 - 08:07 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 3:Transmit at 2412MHz by 11n20 |                          |



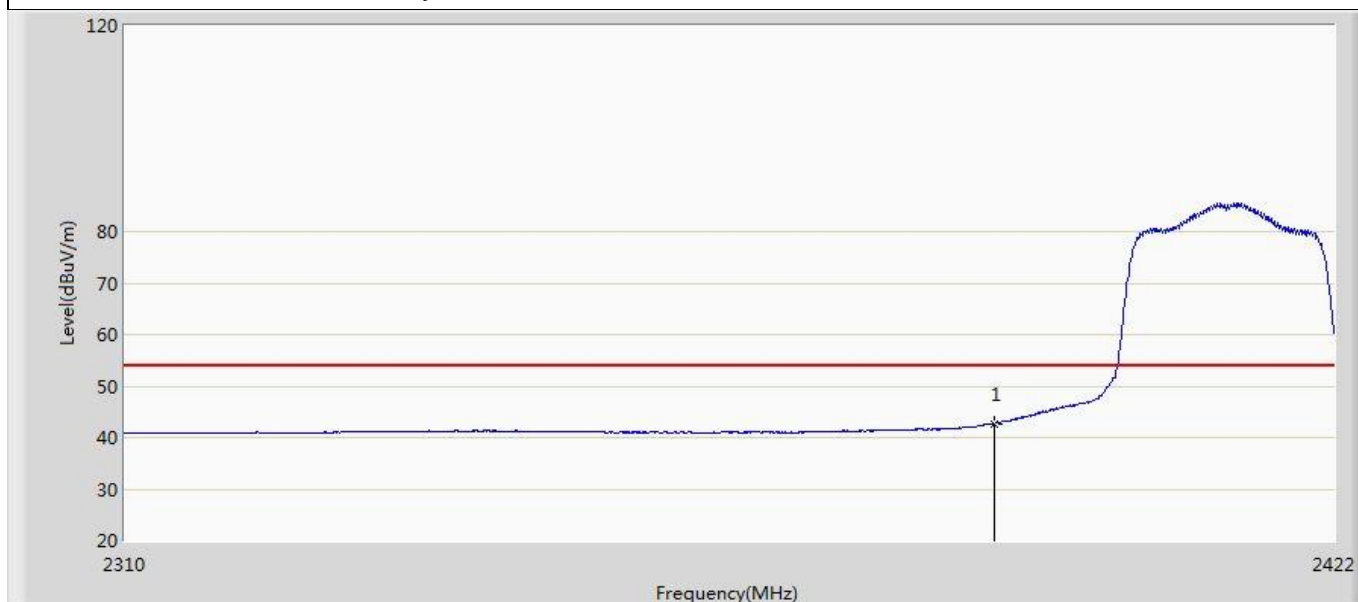
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2390.000        | 43.396                 | 7.937                | -10.604         | 54.000         | 35.459      | AV   |

|                                           |                          |
|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 18             |
| Engineer: Carlosshen                      |                          |
| Site: AC5                                 | Time: 2021/12/09 - 08:09 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 3:Transmit at 2412MHz by 11n20 |                          |



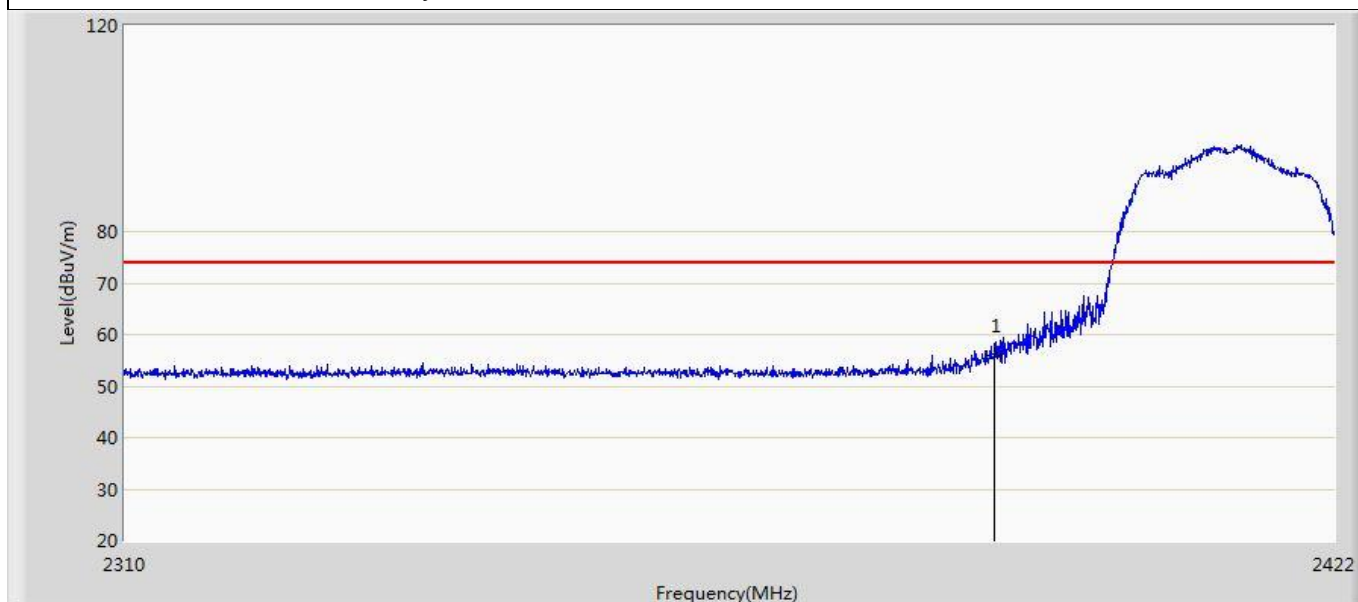
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2390.000        | 59.141                 | 23.682               | -14.859         | 74.000         | 35.459      | PK   |

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|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 19             |
| Engineer: Carlosshen                      |                          |
| Site: AC5                                 | Time: 2021/12/09 - 08:11 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Vertical       |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 3:Transmit at 2412MHz by 11n20 |                          |



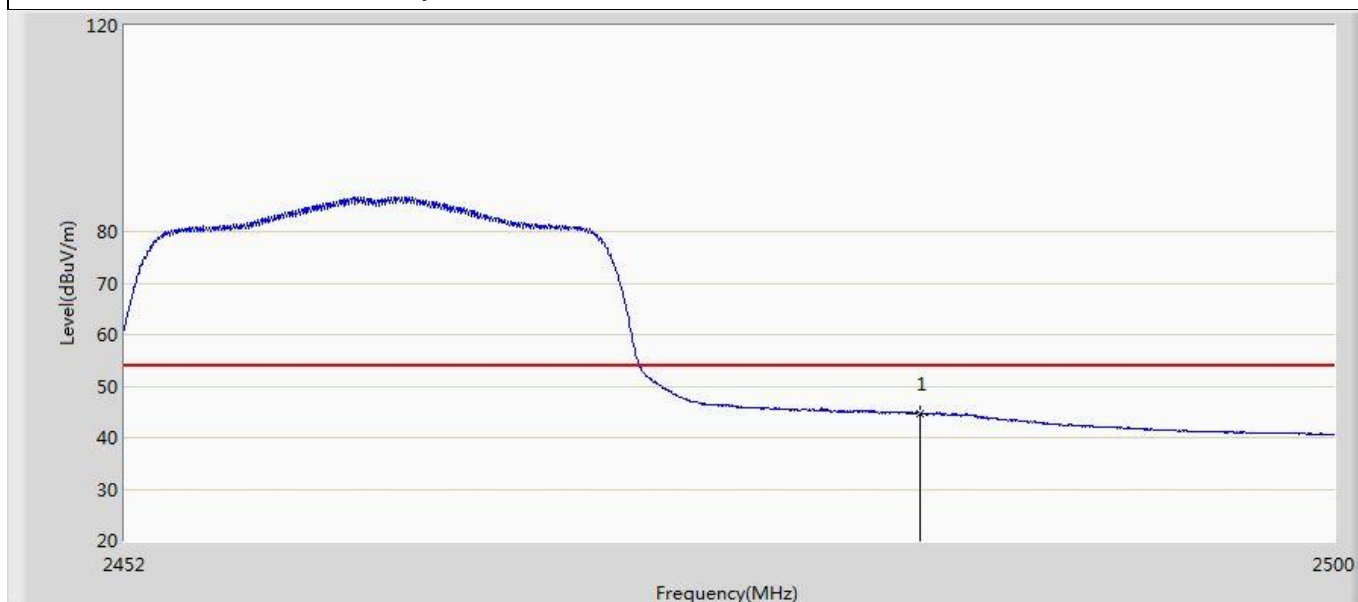
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2390.000        | 42.689                 | 7.230                | -11.311         | 54.000         | 35.459      | AV   |

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|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 20             |
| Engineer: Carlosshen                      |                          |
| Site: AC5                                 | Time: 2021/12/09 - 08:12 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Vertical       |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 3:Transmit at 2412MHz by 11n20 |                          |



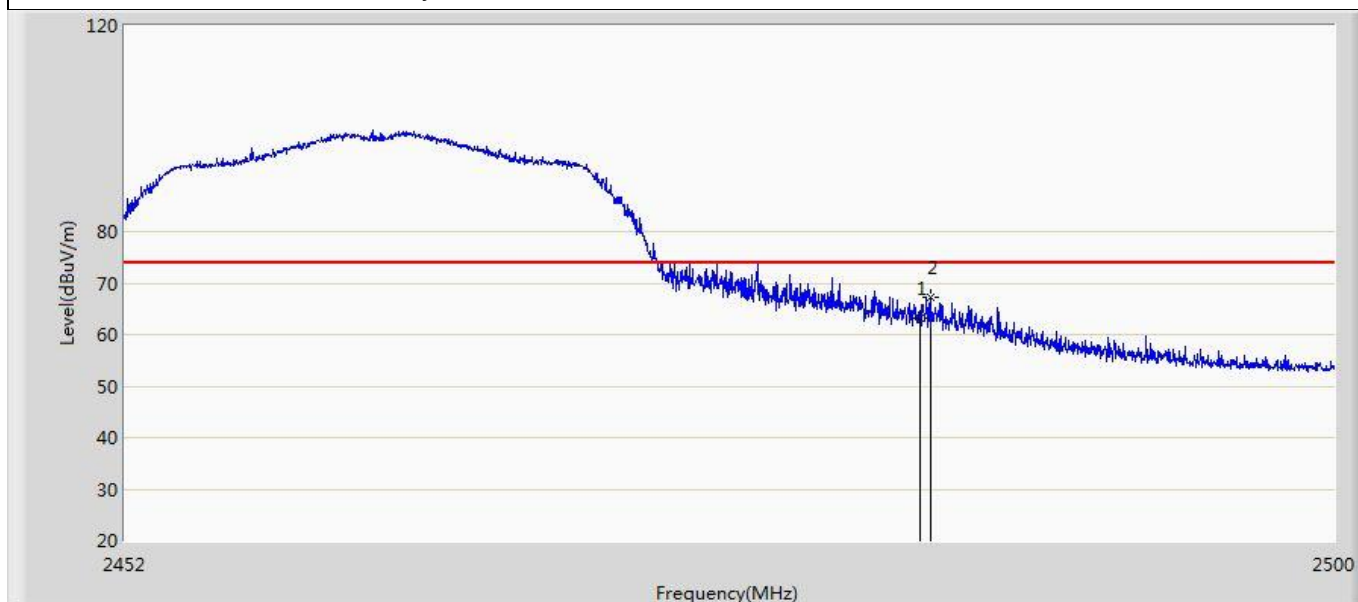
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2390.000        | 55.984                 | 20.525               | -18.016         | 74.000         | 35.459      | PK   |

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|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 21             |
| Engineer: Carlosshen                      |                          |
| Site: AC5                                 | Time: 2021/12/09 - 08:13 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 3:Transmit at 2462MHz by 11n20 |                          |



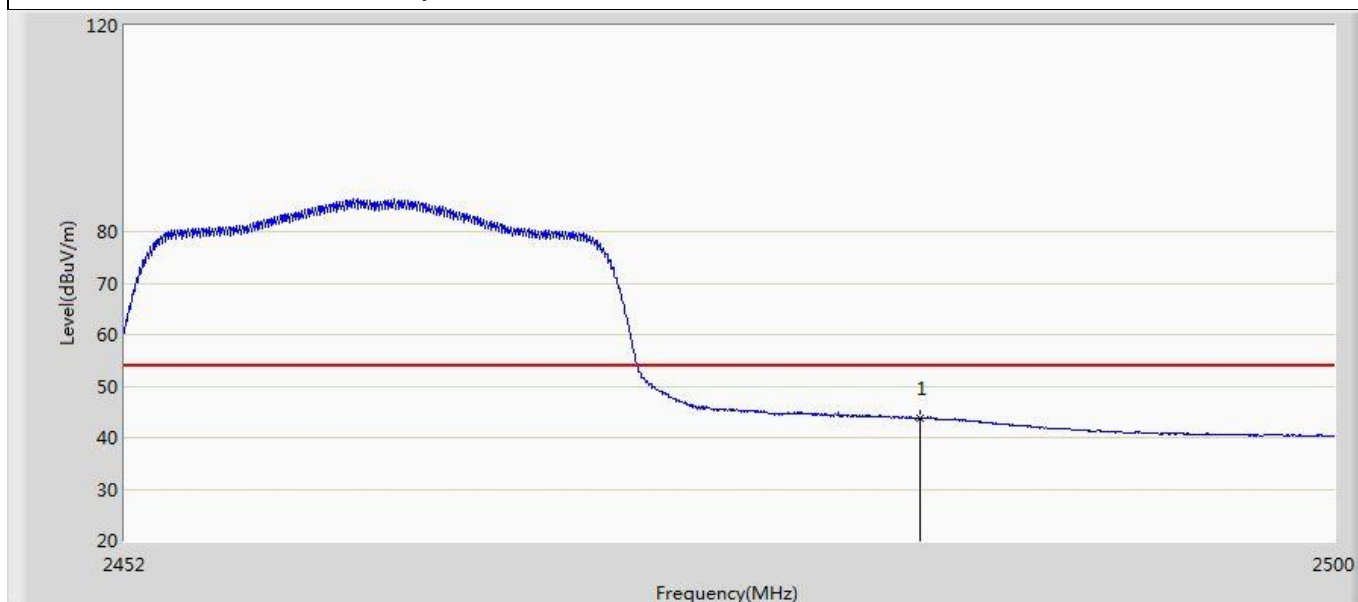
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2483.500        | 44.645                 | 8.970                | -9.355          | 54.000         | 35.675      | AV   |

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|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 22             |
| Engineer: Carlosshen                      |                          |
| Site: AC5                                 | Time: 2021/12/09 - 08:15 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 3:Transmit at 2462MHz by 11n20 |                          |



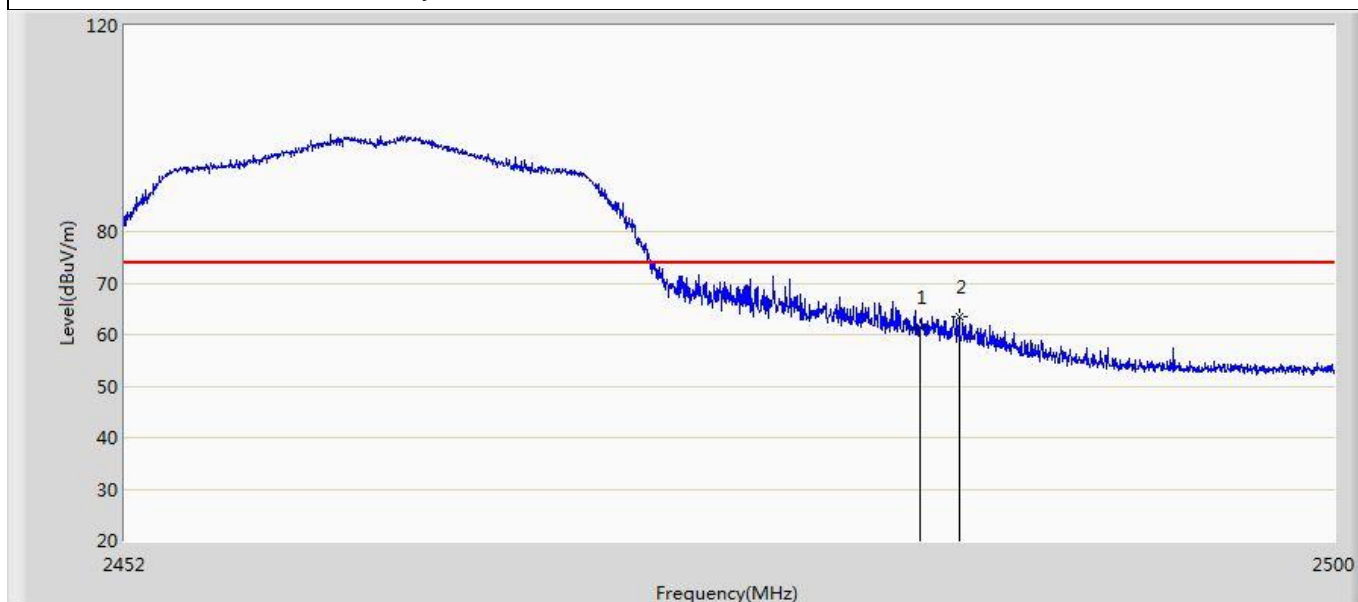
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 2483.500        | 63.182                 | 27.507               | -10.818         | 74.000         | 35.675      | PK   |
| 2  | *    | 2483.896        | 67.259                 | 31.583               | -6.741          | 74.000         | 35.676      | PK   |

|                                           |                          |
|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 23             |
| Engineer: Carlosshen                      |                          |
| Site: AC5                                 | Time: 2021/12/09 - 08:18 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Vertical       |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 3:Transmit at 2462MHz by 11n20 |                          |



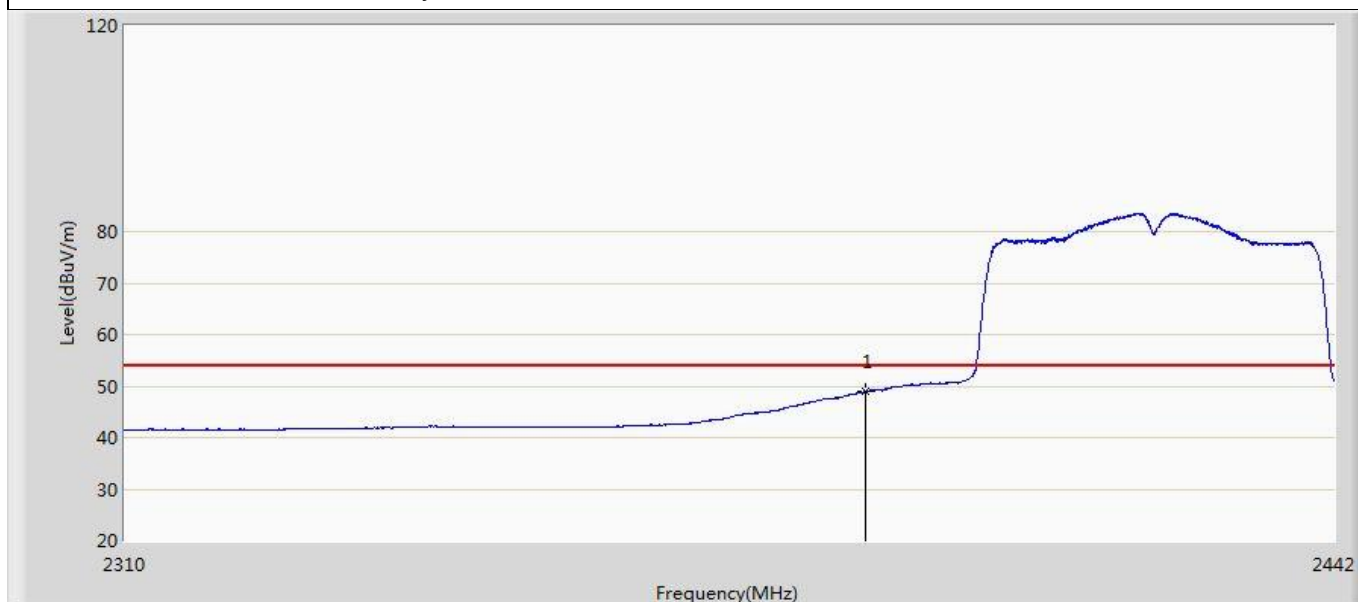
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2483.500        | 43.774                 | 8.099                | -10.226         | 54.000         | 35.675      | AV   |

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|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 24             |
| Engineer: Carlosshen                      |                          |
| Site: AC5                                 | Time: 2021/12/09 - 08:19 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Vertical       |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 3:Transmit at 2462MHz by 11n20 |                          |



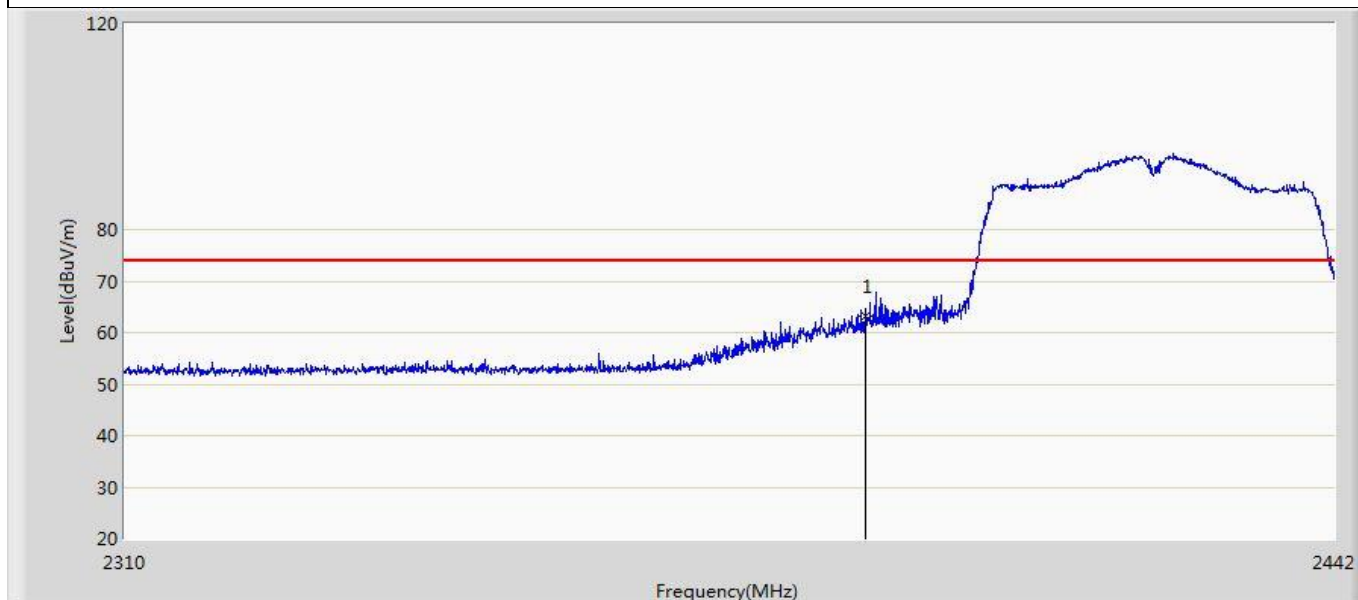
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 2483.500        | 61.343                 | 25.668               | -12.657         | 74.000         | 35.675      | PK   |
| 2  | *    | 2485.048        | 63.538                 | 27.860               | -10.462         | 74.000         | 35.678      | PK   |

|                                           |                          |
|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 25             |
| Engineer: Carlosshen                      |                          |
| Site: AC5                                 | Time: 2021/12/09 - 08:20 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 4:Transmit at 2422MHz by 11n40 |                          |



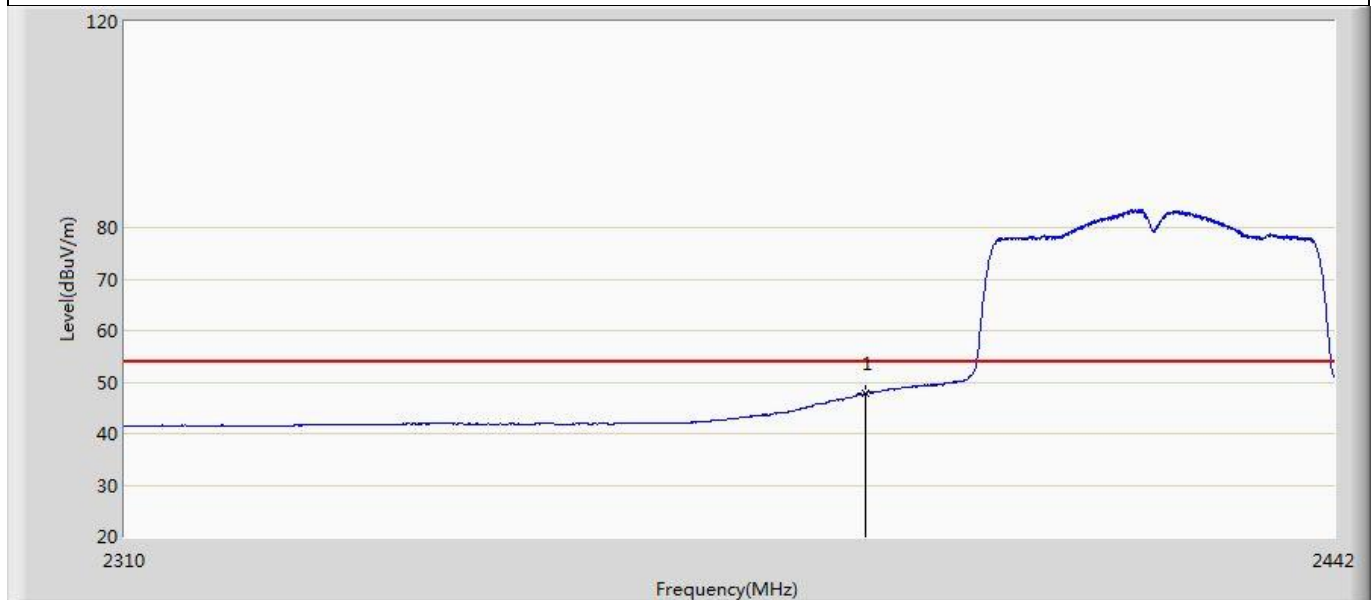
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2390.000        | 48.940                 | 13.481               | -5.060          | 54.000         | 35.459      | AV   |

|                                           |                          |
|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 26             |
| Engineer: Carlosshen                      |                          |
| Site: AC5                                 | Time: 2021/12/09 - 08:22 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 4:Transmit at 2422MHz by 11n40 |                          |



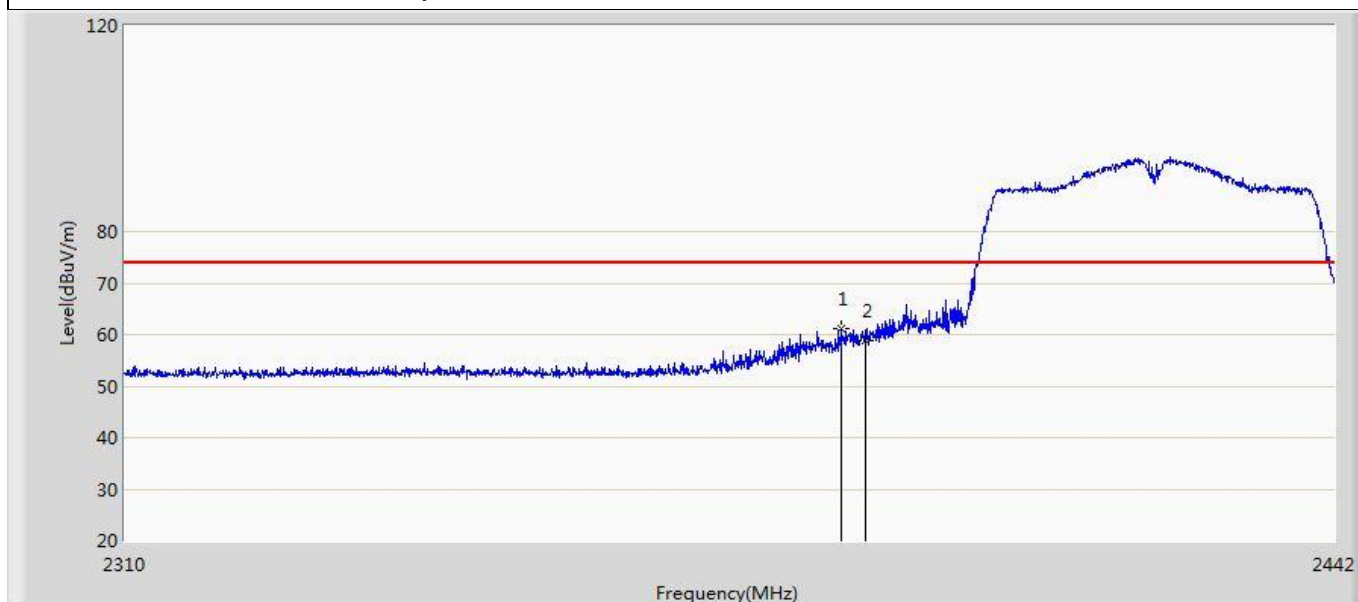
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2390.000        | 63.119                 | 27.660               | -10.881         | 74.000         | 35.459      | PK   |

|                                           |                          |
|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 27             |
| Engineer: Carlosshen                      |                          |
| Site: AC5                                 | Time: 2021/12/09 - 08:23 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Vertical       |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 4:Transmit at 2422MHz by 11n40 |                          |



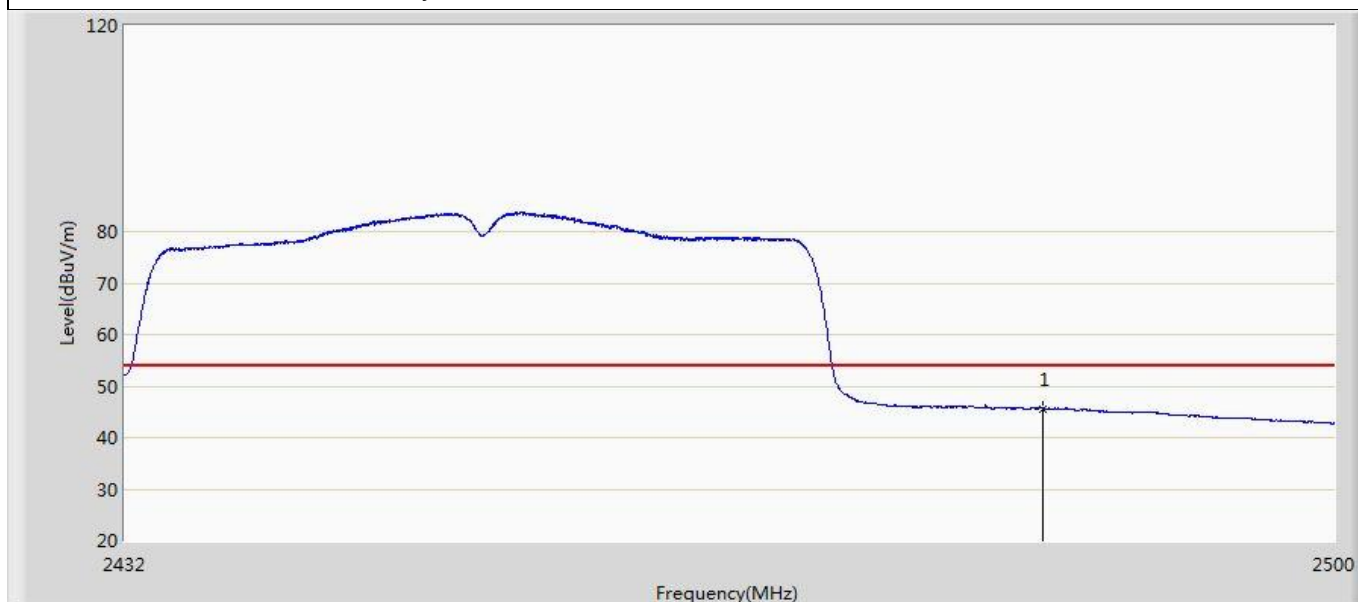
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2390.000        | 47.760                 | 12.301               | -6.240          | 54.000         | 35.459      | AV   |

|                                           |                          |
|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 28             |
| Engineer: Carlosshen                      |                          |
| Site: AC5                                 | Time: 2021/12/09 - 08:24 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Vertical       |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 4:Transmit at 2422MHz by 11n40 |                          |



| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2387.418        | 61.110                 | 25.671               | -12.890         | 74.000         | 35.439      | PK   |
| 2  |      | 2390.000        | 58.791                 | 23.332               | -15.209         | 74.000         | 35.459      | PK   |

|                                           |                          |
|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 29             |
| Engineer: Carlosshen                      |                          |
| Site: AC5                                 | Time: 2021/12/09 - 08:26 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 4:Transmit at 2452MHz by 11n40 |                          |



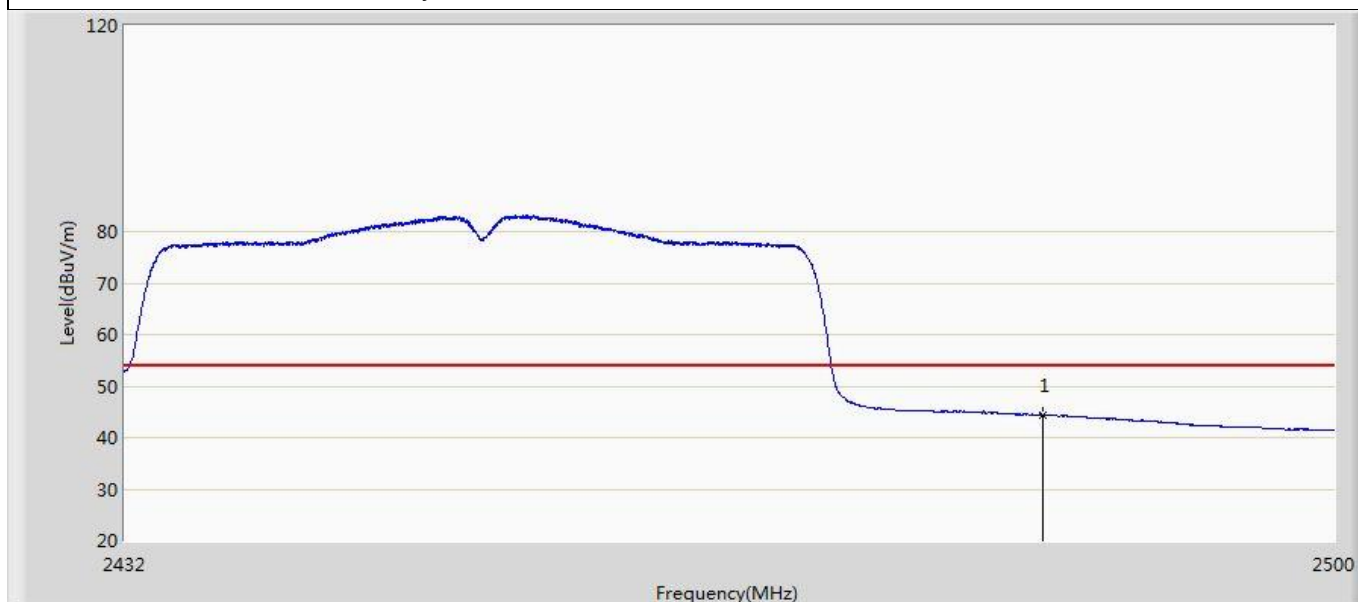
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2483.500        | 45.622                 | 9.947                | -8.378          | 54.000         | 35.675      | AV   |

|                                           |                          |
|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 30             |
| Engineer: Carlosshen                      |                          |
| Site: AC5                                 | Time: 2021/12/09 - 08:27 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Horizontal     |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 4:Transmit at 2452MHz by 11n40 |                          |



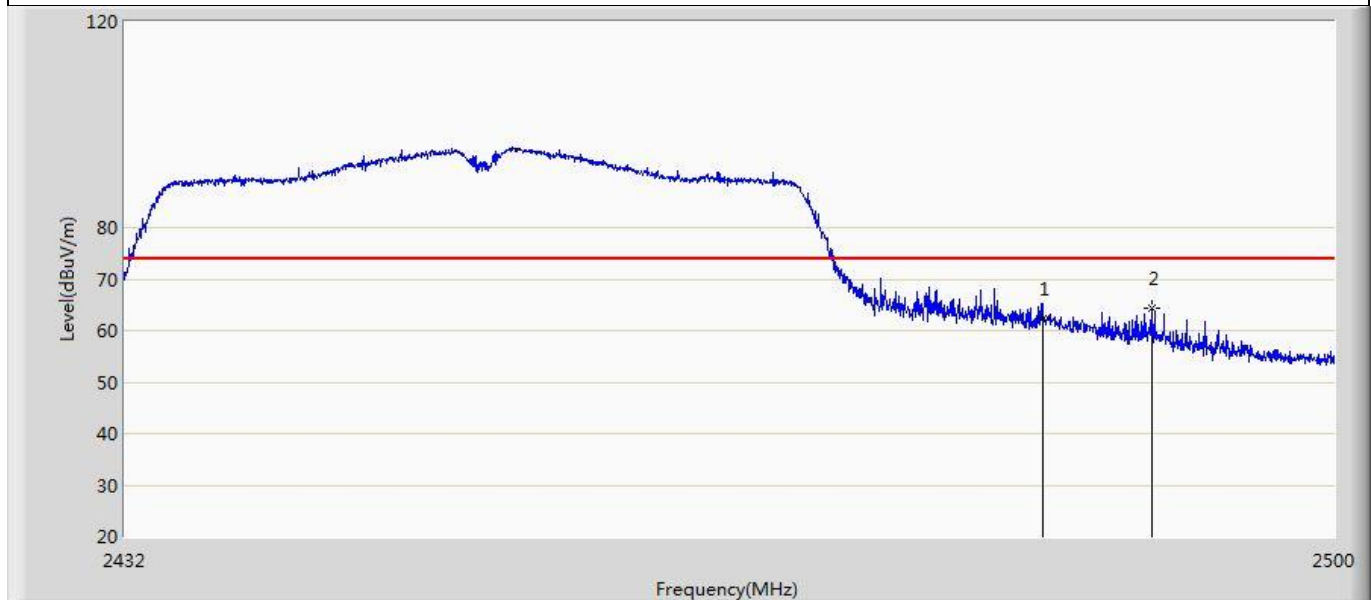
| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 2483.500        | 65.629                 | 29.954               | -8.371          | 74.000         | 35.675      | PK   |
| 2  | *    | 2490.888        | 67.444                 | 31.755               | -6.556          | 74.000         | 35.689      | PK   |

|                                           |                          |
|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 31             |
| Engineer: Carlosshen                      |                          |
| Site: AC5                                 | Time: 2021/12/09 - 08:28 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Vertical       |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 4:Transmit at 2452MHz by 11n40 |                          |



| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  | *    | 2483.500        | 44.406                 | 8.731                | -9.594          | 54.000         | 35.675      | AV   |

|                                           |                          |
|-------------------------------------------|--------------------------|
| Profile: 2190372R                         | Page No.: 32             |
| Engineer: Carlosshen                      |                          |
| Site: AC5                                 | Time: 2021/12/09 - 08:29 |
| Limit: FCC_Part15.209_RE(3m)              | Margin: 0                |
| Probe: Horn_3117_00123988_(1-18GHz)       | Polarity: Vertical       |
| EUT: M8 DESKPHONE                         | Power: AC 120V/60Hz      |
| Note: Mode 4:Transmit at 2452MHz by 11n40 |                          |



| No | Mark | Frequency (MHz) | Measure Level (dBuV/m) | Reading Level (dBuV) | Over Limit (dB) | Limit (dBuV/m) | Factor (dB) | Type |
|----|------|-----------------|------------------------|----------------------|-----------------|----------------|-------------|------|
| 1  |      | 2483.500        | 62.441                 | 26.766               | -11.559         | 74.000         | 35.675      | PK   |
| 2  | *    | 2489.630        | 64.420                 | 28.733               | -9.580          | 74.000         | 35.686      | PK   |

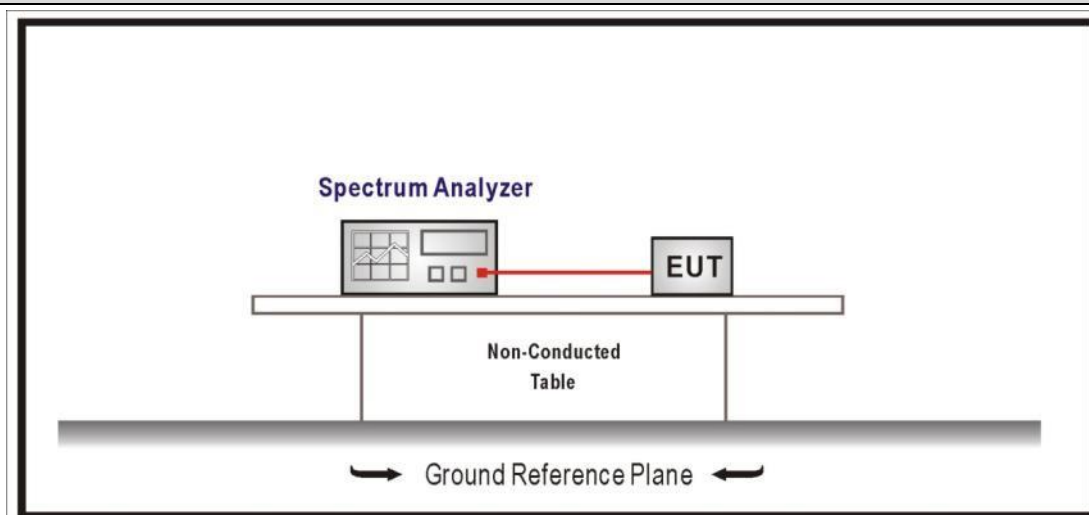
**4.6 DTS Bandwidth****VERDICT: PASS****4.6.1 Limit**

|                 |                                               |
|-----------------|-----------------------------------------------|
| <b>Standard</b> | FCC Part 15 Subpart C Paragraph 15.247 (a)(2) |
|-----------------|-----------------------------------------------|

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

|                 |                           |
|-----------------|---------------------------|
| <b>Standard</b> | ANSI C63.10 Paragraph 6.7 |
|-----------------|---------------------------|

The occupied bandwidth or the "99% emission bandwidth" is defined as the frequency range between two points, one above and the other below the carrier frequency, within which 99% of the total transmitted power of the fundamental transmitted emission is contained. The occupied bandwidth shall be reported for all equipment in addition to the specified bandwidth required in the applicable RSSs. The occupied bandwidth should be within the required frequency range.

**4.6.2 Test Setup****4.6.3 Test Procedure**

|                                     | Reference Rule                                  | Chapter | Description                                 |
|-------------------------------------|-------------------------------------------------|---------|---------------------------------------------|
| <input checked="" type="checkbox"/> | ANSI C63.10                                     | 11.8    | DTS bandwidth                               |
|                                     | <input type="checkbox"/> ANSI C63.10            | 11.8.1  | Option 1                                    |
|                                     | <input checked="" type="checkbox"/> ANSI C63.10 | 11.8.2  | Option 2                                    |
| <input checked="" type="checkbox"/> | ANSI C63.10                                     | 6.9     | Occupied bandwidth                          |
|                                     | <input type="checkbox"/> ANSI C63.10            | 6.9.2   | relative measurement procedure              |
|                                     | <input checked="" type="checkbox"/> ANSI C63.10 | 6.9.3   | power bandwidth (99%) measurement procedure |

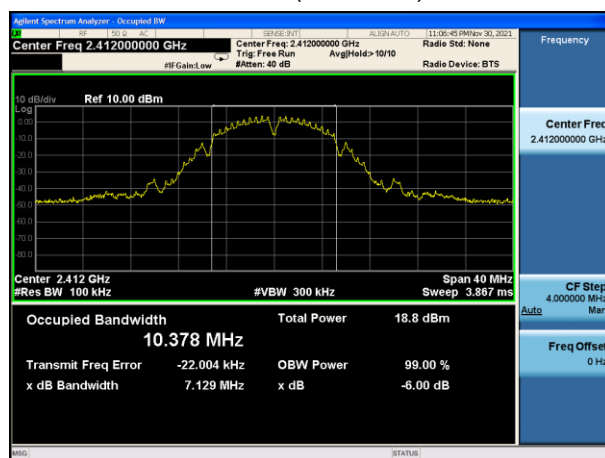
#### 4.6.4 Test Data

| Mode | CH. | Test Freq. (MHz) | 6dB Occupied Bandwidth (MHz) | 99% Occupied Bandwidth (MHz) | Limit For 6dB (kHz) | Result |
|------|-----|------------------|------------------------------|------------------------------|---------------------|--------|
| 1    | 1   | 2412             | 7.129                        | 10.494                       | ≥500                | Pass   |
|      | 6   | 2437             | 7.578                        | 10.542                       | ≥500                | Pass   |
|      | 11  | 2462             | 7.566                        | 10.819                       | ≥500                | Pass   |
| 2    | 1   | 2412             | 15.44                        | 16.445                       | ≥500                | Pass   |
|      | 6   | 2437             | 15.23                        | 16.417                       | ≥500                | Pass   |
|      | 11  | 2462             | 15.22                        | 16.321                       | ≥500                | Pass   |
| 3    | 1   | 2412             | 15.22                        | 17.582                       | ≥500                | Pass   |
|      | 6   | 2437             | 15.23                        | 17.577                       | ≥500                | Pass   |
|      | 11  | 2462             | 15.22                        | 17.504                       | ≥500                | Pass   |
| 4    | 3   | 2422             | 35.29                        | 36.038                       | ≥500                | Pass   |
|      | 6   | 2437             | 35.26                        | 35.976                       | ≥500                | Pass   |
|      | 9   | 2452             | 35.29                        | 35.988                       | ≥500                | Pass   |

Note : The worst case of Occupied Bandwidth as below in below:

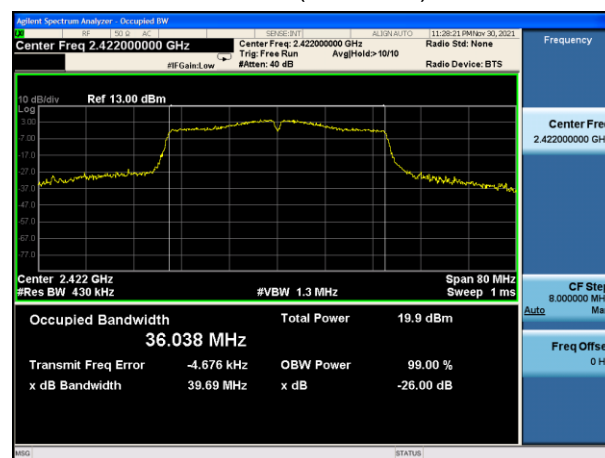
##### 6dB Occupied Bandwidth

##### Mode 1 (2412MHz)



##### 99% Occupied Bandwidth

##### Mode 4 (2422MHz)

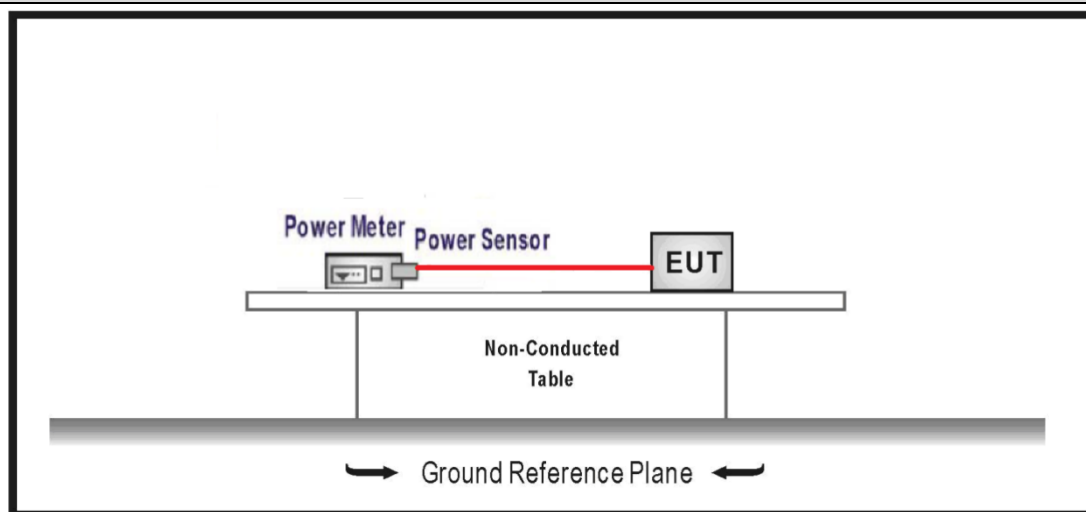


**4.7 Fundamental emission output power****VERDICT: PASS****4.7.1 Limit**

| Standard                            |                                                         | FCC Part 15 Subpart C Paragraph 15.247 (b)(3) |
|-------------------------------------|---------------------------------------------------------|-----------------------------------------------|
| <input checked="" type="checkbox"/> | GTX <6dBi                                               | Pout≤30dBm                                    |
| <input type="checkbox"/>            | GTX >6dBi                                               |                                               |
| <input type="checkbox"/>            | Non-Fix point-point                                     | Pout≤30-( GTX -6)                             |
| <input type="checkbox"/>            | Fix point-point                                         | Pout≤30-[(GTX-6)]/3                           |
| <input type="checkbox"/>            | Point-to-multipoint                                     | Pout≤30-(GTX-6)                               |
| <input type="checkbox"/>            | Overlap Beams                                           | Pout≤30-[(GTX-6)]/3                           |
| <input type="checkbox"/>            | Avgregate power transmitted simultaneously on all beams | Pout≤30-[(GTX-6)]/3                           |
| <input type="checkbox"/>            | single directional beam                                 | Pout≤30-[(GTX-6)]/3+8dB                       |

Note 1 : GTX directional gain of transmitting antennas.

Note 2 : Pout is maximum conducted output power .

**4.7.2 Test Setup**

| 4.7.3 Test Procedure                |                                     |                                     |                                     |             |                                   |                                            |                                      |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------|-----------------------------------|--------------------------------------------|--------------------------------------|
|                                     | References Rule                     |                                     |                                     | Chapter     | Description                       |                                            |                                      |
| <input checked="" type="checkbox"/> | ANSI C63.10                         |                                     |                                     | 11.9        | Fundamental emission output power |                                            |                                      |
|                                     | <input checked="" type="checkbox"/> | ANSI C63.10                         |                                     |             | 11.9.1                            | Maximum peak conducted output power        |                                      |
|                                     |                                     | <input type="checkbox"/>            | ANSI C63.10                         |             | 11.9.1.1                          | RBW ≥ DTS bandwidth                        |                                      |
|                                     |                                     | <input type="checkbox"/>            | ANSI C63.10                         |             | 11.9.1.2                          | Integrated band power method               |                                      |
|                                     |                                     | <input type="checkbox"/>            | ANSI C63.10                         |             | 11.9.1.3                          | PKPM1 Peak power meter method              |                                      |
|                                     | <input type="checkbox"/>            | ANSI C63.10                         |                                     |             | 11.9.2                            | Maximum conducted (average) output power   |                                      |
|                                     |                                     | <input type="checkbox"/>            | ANSI C63.10                         |             | 11.9.2.2                          | Measurement using a spectrum analyzer (SA) |                                      |
|                                     |                                     |                                     | <input type="checkbox"/>            | ANSI C63.10 | 11.9.2.2.2                        | Method AVGSA-1(Duty cycle≥98%)             |                                      |
|                                     |                                     |                                     | <input type="checkbox"/>            | ANSI C63.10 | 11.9.2.2.3                        | Method AVGSA-1A(Duty cycle≥98%)            |                                      |
|                                     |                                     |                                     | <input type="checkbox"/>            | ANSI C63.10 | 11.9.2.2.4                        | Method AVGSA-2(Duty cycle≤98%)             |                                      |
|                                     |                                     |                                     | <input type="checkbox"/>            | ANSI C63.10 | 11.9.2.2.5                        | Method AVGSA-2A(Duty cycle≤98%)            |                                      |
|                                     |                                     |                                     | <input type="checkbox"/>            | ANSI C63.10 | 11.9.2.2.4                        | Method AVGSA-3                             |                                      |
|                                     |                                     |                                     | <input type="checkbox"/>            | ANSI C63.10 | 11.9.2.2.5                        | Method AVGSA-3A                            |                                      |
|                                     |                                     | <input checked="" type="checkbox"/> | ANSI C63.10                         |             |                                   | 11.9.2.3                                   | Measurement using a power meter (PM) |
|                                     |                                     |                                     | <input checked="" type="checkbox"/> | ANSI C63.10 |                                   | 11.9.2.3.1                                 | Method AVGPM                         |
|                                     |                                     |                                     | <input type="checkbox"/>            | ANSI C63.10 |                                   | 11.9.2.3.2                                 | Method AVGPM-G                       |

## Directional Gain Calculations for In-Band test method

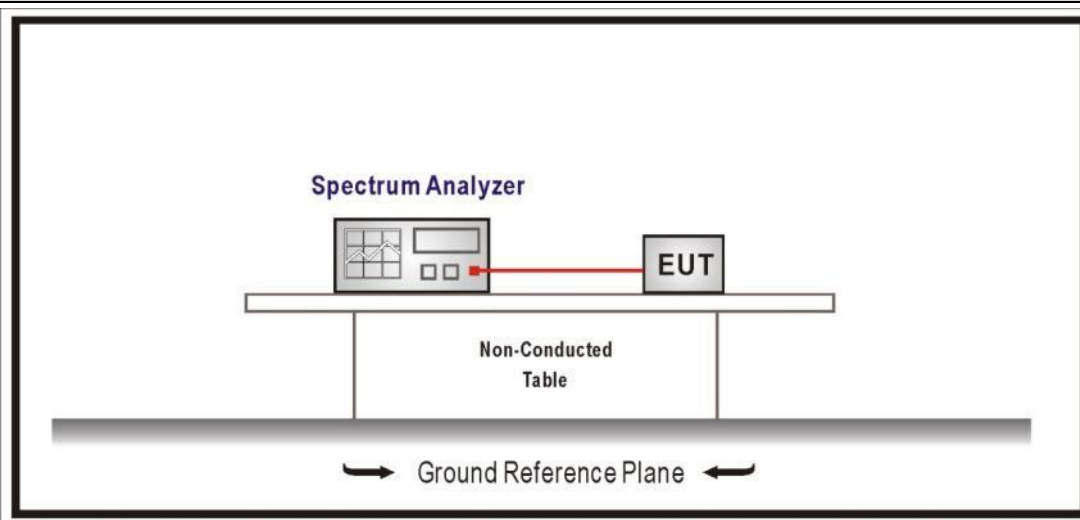
|                                     | References Rule                     |             | Chapter     | Description                                                       |
|-------------------------------------|-------------------------------------|-------------|-------------|-------------------------------------------------------------------|
| <input type="checkbox"/>            | KDB 662911                          |             | F2)a)       | Basic methodology                                                 |
|                                     | <input type="checkbox"/>            | KDB 662911  | F2)a) (i)   | transmit signals are correlated                                   |
|                                     | <input type="checkbox"/>            | KDB 662911  | F2)a) (ii)  | transmit signals are uncorrelated                                 |
| <input type="checkbox"/>            | KDB 662911                          |             | F2)b)       | Sectorized antenna systems.                                       |
| <input type="checkbox"/>            | KDB 662911                          |             | F2)c)       | Cross-polarized antennas                                          |
|                                     | <input type="checkbox"/>            | ANSI C63.10 | F2)c) (i)   | Cross-polarized antennas                                          |
|                                     | <input type="checkbox"/>            | ANSI C63.10 | F2)c) (ii)  | Multiple antennas                                                 |
| <input checked="" type="checkbox"/> | KDB 662911                          |             | F2)e)       | Spatial stream                                                    |
|                                     | <input checked="" type="checkbox"/> | KDB 662911  | F2)e) (i)   | Antennas have the same gain                                       |
|                                     | <input type="checkbox"/>            | KDB 662911  | F2)e) (ii)  | Antenna have the different gain with one spatial stream           |
|                                     | <input type="checkbox"/>            | KDB 662911  | F2)e) (iii) | Antenna have the different gain with more than one spatial stream |
| <input checked="" type="checkbox"/> | KDB 662911                          |             | F2)f)       | Cyclic Delay Diversity (CDD)                                      |
|                                     | <input checked="" type="checkbox"/> | KDB 662911  | F2)f) (i)   | Antennas have the same gain                                       |
|                                     | <input type="checkbox"/>            | KDB 662911  | F2)f) (ii)  | Antenna have the different gain with one spatial stream           |
|                                     | <input type="checkbox"/>            | KDB 662911  | F2)f) (iii) | Antenna have the different gain with more than one spatial stream |

**4.7.4 Test Data**

| Mode   | Channel | Test Frequency (MHz) | Conducted Power (dBm) | Conducted Power Limit (dBm) | Result |
|--------|---------|----------------------|-----------------------|-----------------------------|--------|
| Mode 1 | 1       | 2412                 | 14.31                 | $\leq 30$                   | Pass   |
|        | 6       | 2437                 | 14.16                 | $\leq 30$                   | Pass   |
|        | 11      | 2462                 | 13.98                 | $\leq 30$                   | Pass   |
| Mode 2 | 1       | 2412                 | 21.43                 | $\leq 30$                   | Pass   |
|        | 6       | 2437                 | 21.28                 | $\leq 30$                   | Pass   |
|        | 11      | 2462                 | 21.17                 | $\leq 30$                   | Pass   |
| Mode 3 | 1       | 2412                 | 21.20                 | $\leq 30$                   | Pass   |
|        | 6       | 2437                 | 21.86                 | $\leq 30$                   | Pass   |
|        | 11      | 2462                 | 20.43                 | $\leq 30$                   | Pass   |
| Mode 4 | 3       | 2422                 | 21.25                 | $\leq 30$                   | Pass   |
|        | 6       | 2437                 | 21.17                 | $\leq 30$                   | Pass   |
|        | 9       | 2452                 | 20.95                 | $\leq 30$                   | Pass   |

**4.8 Power Density****VERDICT: PASS****4.8.1 Limit:****Standard**

FCC Part 15 Subpart C Paragraph 15.247 (e)

Power Spectral Density  $\leq 8\text{dBm}/3\text{kHz}$ **4.8.2 Test Setup****4.8.3 Test Procedure**

|                                     | References Rule                     |             | Chapter | Description                                                      |
|-------------------------------------|-------------------------------------|-------------|---------|------------------------------------------------------------------|
| <input checked="" type="checkbox"/> | ANSI C63.10                         |             | 11.10   | Maximum power spectral density level in the fundamental emission |
|                                     | <input checked="" type="checkbox"/> | ANSI C63.10 | 11.10.2 | Method PKPSD (peak PSD)                                          |
|                                     | <input type="checkbox"/>            | ANSI C63.10 | 11.10.3 | Method AVGPS-1(Duty cycle $\geq 98\%$ )                          |
|                                     | <input type="checkbox"/>            | ANSI C63.10 | 11.10.4 | Method AVGPS-1A(Duty cycle $\geq 98\%$ )                         |
|                                     | <input type="checkbox"/>            | ANSI C63.10 | 11.10.5 | Method AVGPS-2(Duty cycle $< 98\%$ )                             |
|                                     | <input type="checkbox"/>            | ANSI C63.10 | 11.10.6 | Method AVGPS-2A(Duty cycle $< 98\%$ )                            |
|                                     | <input type="checkbox"/>            | ANSI C63.10 | 11.10.7 | Method AVGPS-3                                                   |
|                                     | <input type="checkbox"/>            | ANSI C63.10 | 11.10.8 | Method AVGPS-3A                                                  |

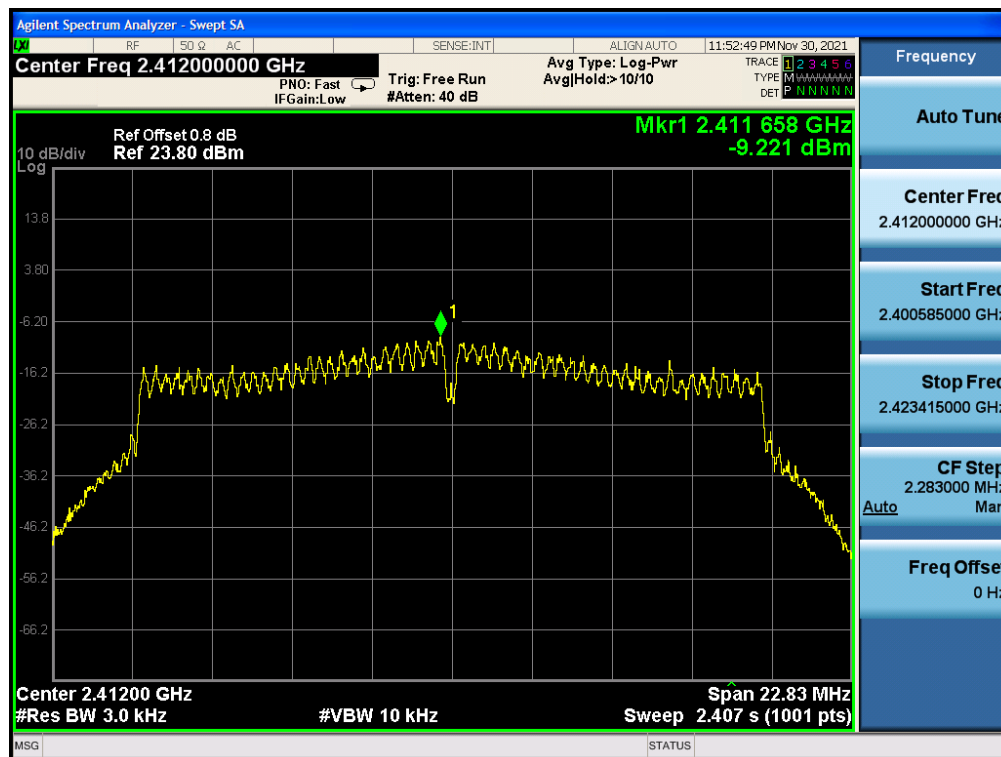
| Directional Gain Calculations for In-Band test method |                                     |             |             |                                                                   |
|-------------------------------------------------------|-------------------------------------|-------------|-------------|-------------------------------------------------------------------|
|                                                       | References Rule                     |             | Chapter     | Description                                                       |
| <input type="checkbox"/>                              | KDB 662911                          |             | F2)a)       | Basic methodology                                                 |
|                                                       | <input type="checkbox"/>            | KDB 662911  | F2)a) (i)   | transmit signals are correlated                                   |
|                                                       | <input type="checkbox"/>            | KDB 662911  | F2)a) (ii)  | transmit signals are uncorrelated                                 |
| <input type="checkbox"/>                              | KDB 662911                          |             | F2)b)       | Sectorized antenna systems.                                       |
| <input type="checkbox"/>                              | KDB 662911                          |             | F2)c)       | Cross-polarized antennas                                          |
|                                                       | <input type="checkbox"/>            | ANSI C63.10 | F2)c) (i)   | Cross-polarized antennas                                          |
|                                                       | <input type="checkbox"/>            | ANSI C63.10 | F2)c) (ii)  | Multiple antennas                                                 |
| <input checked="" type="checkbox"/>                   | KDB 662911                          |             | F2)e)       | Spatial stream                                                    |
|                                                       | <input checked="" type="checkbox"/> | KDB 662911  | F2)e) (i)   | Antennas have the same gain                                       |
|                                                       | <input type="checkbox"/>            | KDB 662911  | F2)e) (ii)  | Antenna have the different gain with one spatial stream           |
|                                                       | <input type="checkbox"/>            | KDB 662911  | F2)e) (iii) | Antenna have the different gain with more than one spatial stream |
| <input checked="" type="checkbox"/>                   | KDB 662911                          |             | F2)f)       | Cyclic Delay Diversity (CDD)                                      |
|                                                       | <input checked="" type="checkbox"/> | KDB 662911  | F2)f) (i)   | Antennas have the same gain                                       |
|                                                       | <input type="checkbox"/>            | KDB 662911  | F2)f) (ii)  | Antenna have the different gain with one spatial stream           |
|                                                       | <input type="checkbox"/>            | KDB 662911  | F2)f) (iii) | Antenna have the different gain with more than one spatial stream |

#### 4.8.4 Test Data

| Mode | Channel | Test Frequency (MHz) | Measurement PSD (dBm/3kHz) | Limit (dBm/3kHz) | Result |
|------|---------|----------------------|----------------------------|------------------|--------|
| 1    | 1       | 2412                 | -10.453                    | ≤8               | Pass   |
|      | 6       | 2437                 | -10.996                    | ≤8               | Pass   |
|      | 11      | 2462                 | -10.328                    | ≤8               | Pass   |
| 2    | 1       | 2412                 | -10.692                    | ≤8               | Pass   |
|      | 6       | 2437                 | -10.656                    | ≤8               | Pass   |
|      | 11      | 2462                 | -10.704                    | ≤8               | Pass   |
| 3    | 1       | 2412                 | -9.221                     | ≤8               | Pass   |
|      | 6       | 2437                 | -10.920                    | ≤8               | Pass   |
|      | 11      | 2462                 | -10.059                    | ≤8               | Pass   |
| 4    | 3       | 2422                 | -13.048                    | ≤8               | Pass   |
|      | 6       | 2437                 | -12.467                    | ≤8               | Pass   |
|      | 9       | 2452                 | -13.419                    | ≤8               | Pass   |

Note : The worst case of Power Density as below in below:

#### Mode3 (2412MHz)



**4.9 Antenna Requirement****VERDICT: PASS****4.9.1 Limit:****Standard**

FCC Part 15 Subpart C Paragraph 15.203

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, or §15.221. 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.

**4.9.2 Antenna Connector Construction:**

The use of a permanently attached antenna



The antenna use of a unique coupling to the intentional radiator



The use of a nonstandard antenna jack or electrical connector

Please refer to the attached document "Internal Photograph" to show the antenna connector.

## 5 TEST SETUP PHOTO AND EUT PHOTO

Remark: The test setup photo and EUT Photo please see appendix.

\_\_\_\_\_ The End \_\_\_\_\_