

FCC Test Report

| | |
|--------------|---|
| Product Name | Multimedia device with Bluetooth and WLAN |
| Model No | AIVI2SBXM |
| FCC ID | 2AUXS-AIVI2SBXM |

| | |
|-----------|--|
| Applicant | Robert Bosch GmbH |
| Address | Robert-Bosch-Strasse 200 Hildesheim, 31139 Germany |

| | |
|-----------------|----------------------|
| Date of Receipt | Sep. 21, 2020 |
| Issued Date | Oct. 30, 2020 |
| Report No. | 2090718R-E3032110129 |
| Report Version | V1.0 |



The test results relate only to the samples tested.

The test results shown in the test report are traceable to the national/international standard through the calibration report of the equipment and evaluated measurement uncertainty herein.

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Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

Test Report

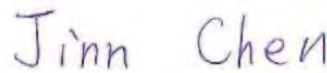
Issued Date: Oct. 30, 2020

Report No.: 2090718R-E3032110129




| | |
|---------------------|---|
| Product Name | Multimedia device with Bluetooth and WLAN |
| Applicant | Robert Bosch GmbH |
| Address | Robert-Bosch-Strasse 200 Hildesheim, 31139 Germany |
| Manufacturer | Robert Bosch GmbH |
| Model No. | AIVI2SBXM |
| FCC ID. | 2AUXS-AIVI2SBXM |
| EUT Rated Voltage | DC 12V (Power by battery) |
| EUT Test Voltage | DC 12V (Power by battery) |
| Trade Name | Bosch |
| Applicable Standard | FCC CFR Title 47 Part 15 Subpart E ANSI C63.4: 2014, ANSI C63.10: 2013 KDB Publication 789033 |
| Test Result | Complied |

Documented By :



(Senior Adm. Specialist / Jinn Chen)

Tested By :



(Senior Engineer / Yulin Chen)

Approved By :



(Director / Vincent Lin)

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Revision History

| Report No. | Version | Description | Issued Date |
|----------------------|---------|--------------------------|-------------|
| 2090718R-E3032110129 | V1.0 | Initial issue of report. | 2020-10-30 |

1. GENERAL INFORMATION

1.1. EUT Description

| | |
|--------------------|--|
| Product Name | Multimedia device with Bluetooth and WLAN |
| Trade Name | Bosch |
| FCC ID. | 2AUXS-AIVI2SBXM |
| Model No. | AIVI2SBXM |
| Frequency Range | 802.11a/n-20MHz: 5180-5320MHz, 5500-5700MHz, 5745-5825MHz 802.11n-40MHz: 5190-5310, 5510-5670MHz, 5755-5795MHz 802.11ac-80MHz: 5210-5290MHz, 5530-5690MHz, 5775MHz |
| Number of Channels | 802.11a/n-20MHz: 24; 802.11n-40MHz: 11, 802.11ac-80MHz: 6 |
| Data Rate | 802.11a: 6 - 54Mbps 802.11n: up to 150Mbps 802.11ac-80MHz: up to 433.3Mbps |
| Channel Control | Auto |
| Type of Modulation | 802.11a/n/ac: OFDM, BPSK, QPSK, 16QAM, 64QAM, 256QAM |
| Antenna type | Metal Plate Antenna |
| Antenna Gain | Refer to the table "Antenna List" |

Antenna List

| No. | Manufacturer | Part No. | Antenna Type | Peak Gain |
|-----|--------------------------|----------|---------------------|--|
| 1 | NISSEI ELECTRIC CO.,LTD. | N/A | Metal Plate Antenna | 0.20dBi For 5.15~5.25GHz -2.22dBi For 5.25~5.35GHz -3.08dBi For 5.47~5.725GHz -3.04dBi For 5.725~5.825GHz |

Note: The antenna of EUT is conforming to FCC 15.203.

802.11a/n-20MHz Center Working Frequency of Each Channel:

| Channel | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|
| Channel 36: | 5180 MHz | Channel 40: | 5200 MHz | Channel 44: | 5220 MHz | Channel 48: | 5240 MHz |
| Channel 52: | 5260 MHz | Channel 56: | 5280 MHz | Channel 60: | 5300 MHz | Channel 64: | 5320 MHz |
| Channel 100: | 5500 MHz | Channel 104: | 5520 MHz | Channel 108: | 5540 MHz | Channel 112: | 5560 MHz |
| Channel 116: | 5580 MHz | Channel 120: | 5600 MHz | Channel 124: | 5620 MHz | Channel 128: | 5640 MHz |
| Channel 132: | 5660 MHz | Channel 136: | 5680 MHz | Channel 140: | 5700 MHz | Channel 149: | 5745 MHz |
| Channel 153: | 5765 MHz | Channel 157: | 5785 MHz | Channel 161: | 5805 MHz | Channel 165: | 5825 MHz |

802.11n-40MHz Center Working Frequency of Each Channel:

| Channel | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|
| Channel 38: | 5190 MHz | Channel 46: | 5230 MHz | Channel 54: | 5270 MHz | Channel 62: | 5310 MHz |
| Channel 102: | 5510 MHz | Channel 110: | 5550 MHz | Channel 118: | 5590 MHz | Channel 126: | 5630 MHz |
| Channel 134: | 5670 MHz | Channel 151: | 5755 MHz | Channel 159: | 5795 MHz | | |

802.11ac-80MHz Center Working Frequency of Each Channel:

| Channel | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
|--------------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|
| Channel 42: | 5210 MHz | Channel 58: | 5290 MHz | Channel 106: | 5530 MHz | Channel 122: | 5610 MHz |
| Channel 138: | 5690 MHz | Channel 155: | 5775 MHz | | | | |

Note:

1. This device is a Multimedia device with Bluetooth and WLAN with a built-in WLAN (802.11a/b/g/n/ac) with Bluetooth V4.2, V2.1+EDR transceiver, this report for 5GHz WLAN.
2. Regarding to the operation frequency, the lowest, middle and highest frequency are selected to perform the test.
3. Lowest and highest data rates are tested in each mode. Only worst case is shown in the report.
4. These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance of transmitter with Part 15 Subpart E for Unlicensed National Information Infrastructure devices.

| | |
|-----------|--|
| Test Mode | Mode 1: Transmit (802.11a 6Mbps) Mode 2: Transmit (802.11n-20BW 7.2Mbps) Mode 3: Transmit (802.11n-40BW 15Mbps) Mode 4: Transmit (802.11ac-80BW 36Mbps) |
|-----------|--|

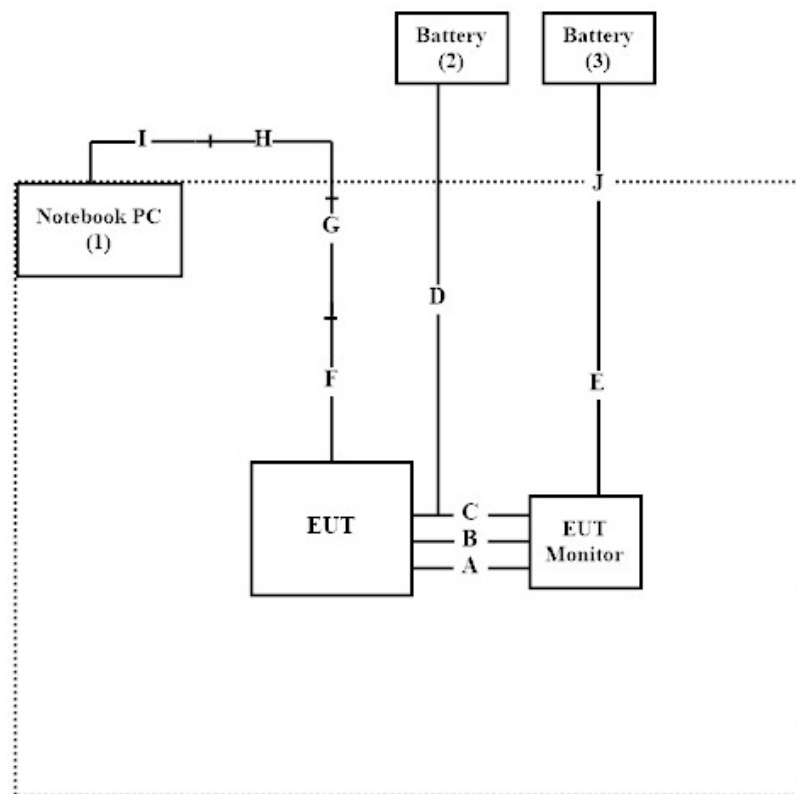
1.2. Tested System Details

The types for all equipment, plus descriptions of all cables used in the tested system (including inserted cards) are:

| Product | | Manufacturer | Model No. | Serial No. | Power Cord |
|---------|-------------|--------------|---------------|------------|------------|
| 1 | Notebook PC | DELL | P62G | 229FJC2 | N/A |
| 2 | Battery | YUASA | 55B24L-CMF II | N/A | N/A |
| 3 | Battery | YUASA | 55D23L-SMF | N/A | N/A |

| Signal Cable Type | | Signal cable Description |
|-------------------|------------------------|--------------------------|
| A | Orange connector Cable | Non-shielded, 1.8m |
| B | Green connector Cable | Non-shielded, 2m |
| C | Signal Cable | Non-shielded, 1m |
| D | Power Cable | Non-shielded, 1m |
| E | Power Cable | Non-shielded, 1m |
| F | USB to mini USB Cable | Non-shielded, 0.2m |
| G | USB to LAN Cable | Non-shielded, 0.2m |
| H | LAN Cable | Shielded, 1m |
| I | USB to LAN Cable | Non-shielded, 0.2m |
| J | Power Cable | Non-shielded, 1m |

1.3. Configuration of tested System



1.4. EUT Exercise Software

1. Setup the EUT as shown in Section 1.4.
2. Execute software "Dut labtool 2.0.0.89" on the EUT.
3. Configure the test mode, the test channel, and the data rate.
4. Press "OK" to start the continuous Transmit.
5. Verify that the EUT works properly.

1.5. Test Facility

Ambient conditions in the laboratory:

| Performed Item | Items | Required | Actual |
|-------------------|------------------|----------|---------|
| Radiated Emission | Temperature (°C) | 10~40 °C | 23.1 °C |
| | Humidity (%RH) | 10~90 % | 65.3 % |
| Conductive | Temperature (°C) | 10~40 °C | 22 °C |
| | Humidity (%RH) | 10~90 % | 55 % |

USA : FCC Registration Number: TW0023

Canada : IC Registration Number: 25880

Site Description : Accredited by TAF
Accredited Number: 3023

Test Laboratory : DEKRA Testing and Certification Co., Ltd
Address : No.159, Sec. 2, Wenhua 1st Rd., Linkou Dist.,
New Taipei City 24457, Taiwan, R.O.C.

Phone number : 886-2-2602-7968
Fax number : 866-2-2602-3286
Email address : info.tw@dekra.com
Website : <http://www.dekra.com.tw>

1.6. List of Test Equipment

For Conduction measurements /ASR1

| | Equipment | Manufacturer | Model No. | Serial No. | Cali. Data | Due. Data |
|---|--------------------|--------------|-----------|------------|------------|------------|
| X | EMI Test Receiver | R&S | ESR7 | 101601 | 2020.05.28 | 2021.05.27 |
| X | Two-Line V-Network | R&S | ENV216 | 101306 | 2020.03.25 | 2021.03.24 |
| X | Two-Line V-Network | R&S | ENV216 | 101307 | 2020.04.17 | 2021.04.16 |
| X | Coaxial Cable | DEKRA | RG400_BNC | RF001 | 2020.05.24 | 2021.05.23 |

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with “X” are used to measure the final test results.
3. Test Software version : DEKRA Testing System V1.2

For Conducted measurements /ASR2

| | Equipment | Manufacturer | Model No. | Serial No. | Cali. Data | Due. Data |
|---|---------------------|--------------|-----------|------------|------------|------------|
| X | Spectrum Analyzer | R&S | FSV30 | 103466 | 2019.12.16 | 2020.12.15 |
| X | Peak Power Analyzer | KEYSIGHT | 8900B | MY51000539 | 2020.05.13 | 2021.05.12 |
| X | Power Sensor | KEYSIGHT | N1923A | MY59240002 | 2020.05.22 | 2021.05.21 |
| X | Power Sensor | KEYSIGHT | N1923A | MY59240003 | 2020.05.22 | 2021.05.21 |

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with “X” are used to measure the final test results.
3. Test Software version : DEKRA Conduction Test System V9.0.5.

For Radiated measurements /ACB1

| | Equipment | Manufacturer | Model No. | Serial No. | Cali. Data | Due. Data |
|---|-------------------|---------------|--------------|------------|------------|------------|
| X | Loop Antenna | AMETEK | HLA6121 | 49611 | 2020.03.16 | 2021.03.15 |
| X | Bi-Log Antenna | SCHWARZBECK | VULB9168 | 9168-953 | 2020.01.03 | 2021.01.02 |
| X | Horn Antenna | ETS-Lindgren | 3117 | 00203800 | 2019.12.12 | 2020.12.11 |
| X | Horn Antenna | Com-Power | AH-840 | 101087 | 2020.06.08 | 2021.06.07 |
| X | Pre-Amplifier | EMCI | EMC001330 | 980316 | 2020.06.23 | 2021.06.22 |
| X | Pre-Amplifier | EMCI | EMC051835SE | 980311 | 2020.06.23 | 2021.06.22 |
| X | Pre-Amplifier | EMCI | EMC05820SE | 980310 | 2020.06.24 | 2021.06.23 |
| X | Pre-Amplifier | EMCI | EMC184045SE | 980314 | 2020.06.10 | 2021.06.09 |
| | Filter | MICRO TRONICS | BRM50702 | G251 | 2020.09.17 | 2021.09.16 |
| X | Filter | MICRO TRONICS | BRM50716 | G188 | 2020.09.17 | 2021.09.16 |
| X | EMI Test Receiver | R&S | ESR7 | 101602 | 2019.12.16 | 2020.12.15 |
| X | Spectrum Analyzer | R&S | FSV40 | 101148 | 2020.03.16 | 2021.03.15 |
| X | Coaxial Cable | SUHNER | SUCOFLEX 106 | RF002 | 2020.07.03 | 2021.07.02 |
| X | Mircoflex Cable | HUBER SUHNER | SUCOFLEX 102 | MY3381/2 | 2020.06.10 | 2021.06.09 |

Note:

1. All equipments are calibrated every one year.
2. The test instruments marked with “X” are used to measure the final test results.
3. Test Software version : DEKRA Testing System V1.2

1.7. Uncertainty

Uncertainties have been calculated according to the DEKRA internal document, and is described in each test chapter of this report.

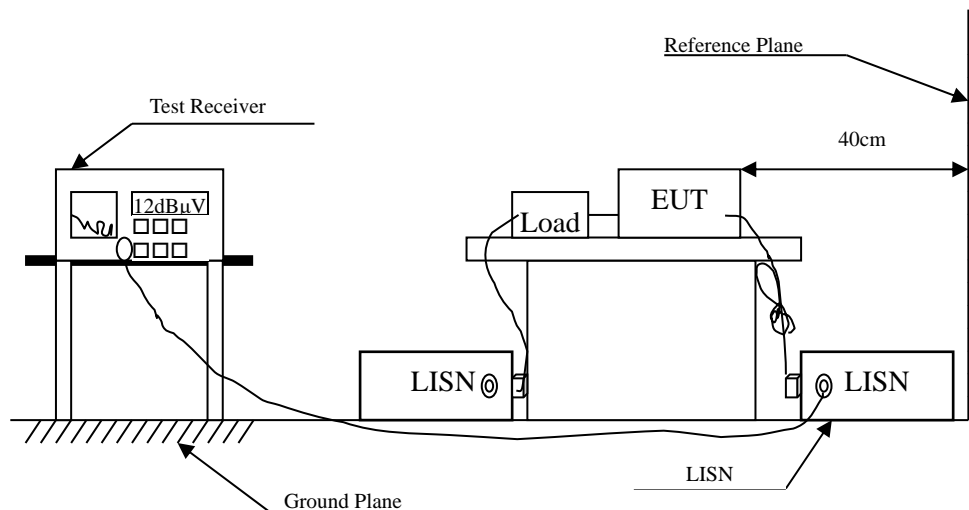
The reported expanded uncertainties are based on a standard uncertainty multiplied by a coverage factor of $k=2$, providing a level of confidence of approximately 95%.

Measurement uncertainties evaluated for each testing system and associated connections are given here to provide the system information for reference. Compliance determinations do not take into account measurement uncertainties for each testing system, but are based on the results of the compliance measurement.

| Test item | Uncertainty | |
|--------------------------------|------------------------------|------------------------------|
| Conducted Emission | ± 3.42 dB | |
| Maximum conducted output power | Power Meter ± 0.91 dB | Power Meter ± 0.91 dB |
| Peak Power Spectral Density | ± 2.53 dB | |
| Radiated Emission | Under 1GHz ± 4.06 dB | Above 1GHz ± 3.73 dB |
| Band Edge | Under 1GHz ± 4.06 dB | Above 1GHz ± 3.73 dB |
| Occupied Bandwidth | ± 682.83 Hz | |
| Duty Cycle | ± 2.31 ms | |

2. Conducted Emission

2.1. Test Setup



2.2. Limits

| FCC Part 15 Subpart C Paragraph 15.207 (dB μ V) Limit | | |
|---|--------|-------|
| Frequency MHz | Limits | |
| | QP | AV |
| 0.15 - 0.50 | 66-56 | 56-46 |
| 0.50-5.0 | 56 | 46 |
| 5.0 - 30 | 60 | 50 |

Remarks : In the above table, the tighter limit applies at the band edges.

2.3. Test Procedure

The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm /50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs.)

Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4:2014 on conducted measurement.

Conducted emissions were investigated over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

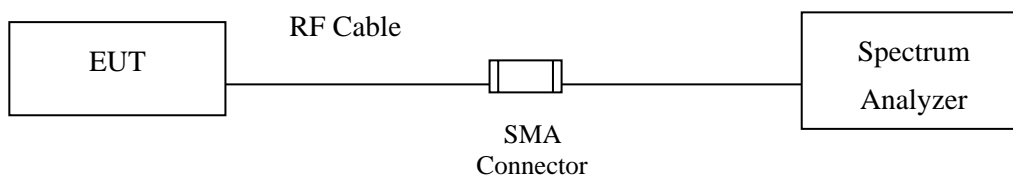
2.4. Test Result of Conducted Emission

Owing to the EUT use battery supply voltage, this test item is not performed.

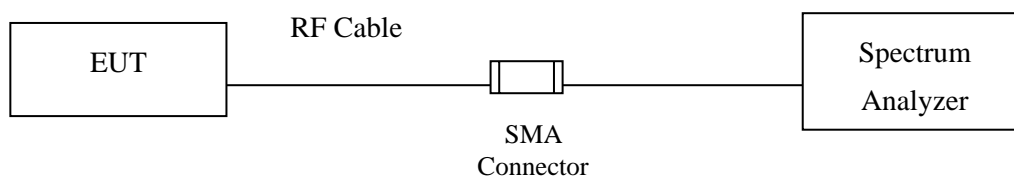
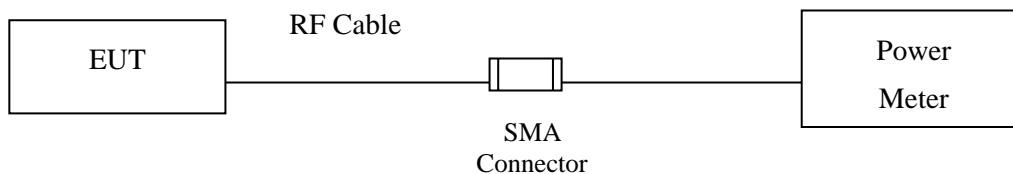
3. Maximun conducted output power

3.1. Test Setup

Occupied Bandwidth



Conduction Power Measurement



3.2. Limits

For the band 5.15-5.25 GHz,

(i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W, provided the maximum antenna gain does not exceed 6 dBi. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

(ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

(iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or $11 \text{ dBm} + 10 \log B$, where B is the 26dB emission bandwidth in megahertz. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. In addition, If transmitting antennas of directional gain greater than 6 dBi are used, the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point UNII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple colocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

3.3. Test Procedure

As an alternative to FCC KDB-789033, the EUT maximum conducted output power was measured with an average power meter employing a video bandwidth greater the 6dB BW of the emission under test. Maximum conducted output power was read directly from the meter across all data rates, and across three channels within each sub-band. Special care was used to make sure that the EUT was transmitting in continuous mode. This method exceeds the limitations of FCC KDB-789033, and provides more accurate measurements.

802.11an ($BW \leq 40\text{MHz}$) Maximum conducted output power using KDB 789033 section E)3)b) Method PM-G (Measurement using a gated RF average power meter)

Note: the power meter have a video bandwidth that is greater than or equal to the measurement bandwidth, (Anritsu/ MA2411B video bandwidth: 65MHz)

802.11ac ($BW=80\text{MHz}$) Maximum conducted output power using KDB 789033 section E)2)b) Method SA-1 (trace averaging with the EUT transmitting at full power throughout each sweep).

When transmitted signals consist of two or more non-contiguous spectrum segments (e.g., 80+80 MHz mode) or when a single spectrum segment of a transmission crosses the boundary between two adjacent U-NII bands, KDB 644545 D03 section D) procedure is used for measurements.

3.4. Test Result of Maximum conducted output power

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Maximum conducted output power
 Test Mode : Mode 1: Transmit (802.11a 6Mbps)
 Test Date : 2020/10/14

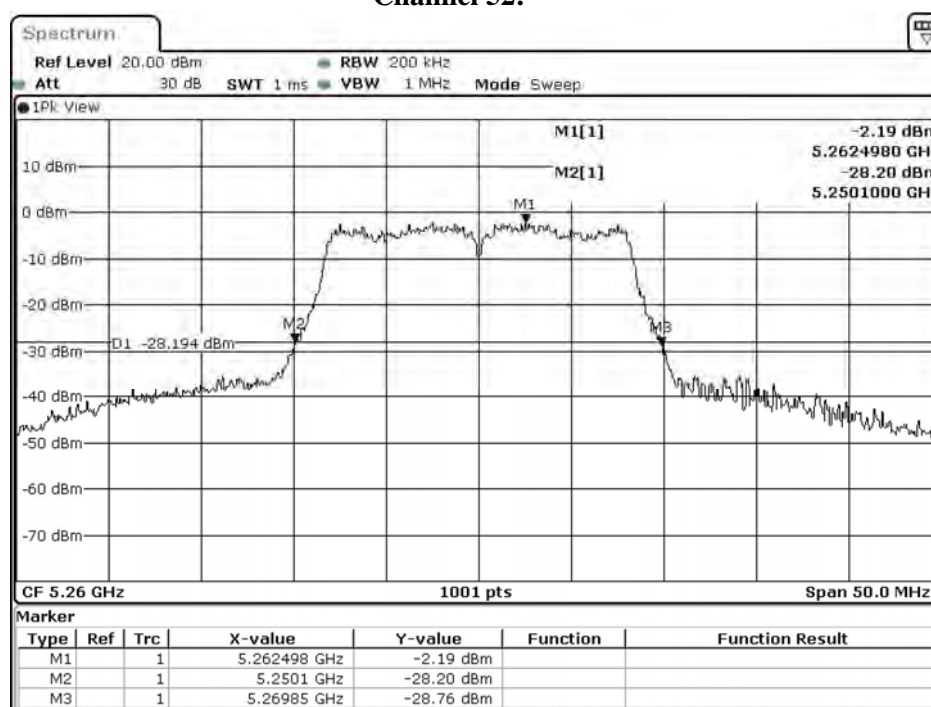
| Cable loss=3dB | | Maximum conducted output power | | | | | | | |
|----------------|-----------------|--------------------------------|------|------|------|------|------|------|------|
| Channel No. | Frequency (MHz) | Data Rate (Mbps) | | | | | | | |
| | | 6 | 9 | 12 | 18 | 24 | 36 | 48 | 54 |
| | | Measurement Level (dBm) | | | | | | | |
| 36 | 5180 | 9.72 | -- | -- | -- | -- | -- | -- | -- |
| 44 | 5220 | 9.77 | 9.72 | 9.65 | 9.61 | 9.55 | 9.50 | 9.44 | 9.38 |
| 48 | 5240 | 9.64 | -- | -- | -- | -- | -- | -- | -- |
| 52 | 5260 | 9.71 | -- | -- | -- | -- | -- | -- | -- |
| 60 | 5300 | 9.61 | 9.56 | 9.5 | 9.47 | 9.43 | 9.38 | 9.32 | 9.25 |
| 64 | 5320 | 9.97 | -- | -- | -- | -- | -- | -- | -- |
| 100 | 5500 | 9.61 | -- | -- | -- | -- | -- | -- | -- |
| 116 | 5580 | 9.93 | 9.88 | 9.83 | 9.77 | 9.71 | 9.66 | 9.60 | 9.55 |
| 140 | 5700 | 9.52 | -- | -- | -- | -- | -- | -- | -- |
| 149 | 5745 | 9.51 | -- | -- | -- | -- | -- | -- | -- |
| 157 | 5785 | 9.89 | 9.85 | 9.81 | 9.77 | 9.73 | 9.69 | 9.64 | 9.57 |
| 165 | 5825 | 9.84 | -- | -- | -- | -- | -- | -- | -- |

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

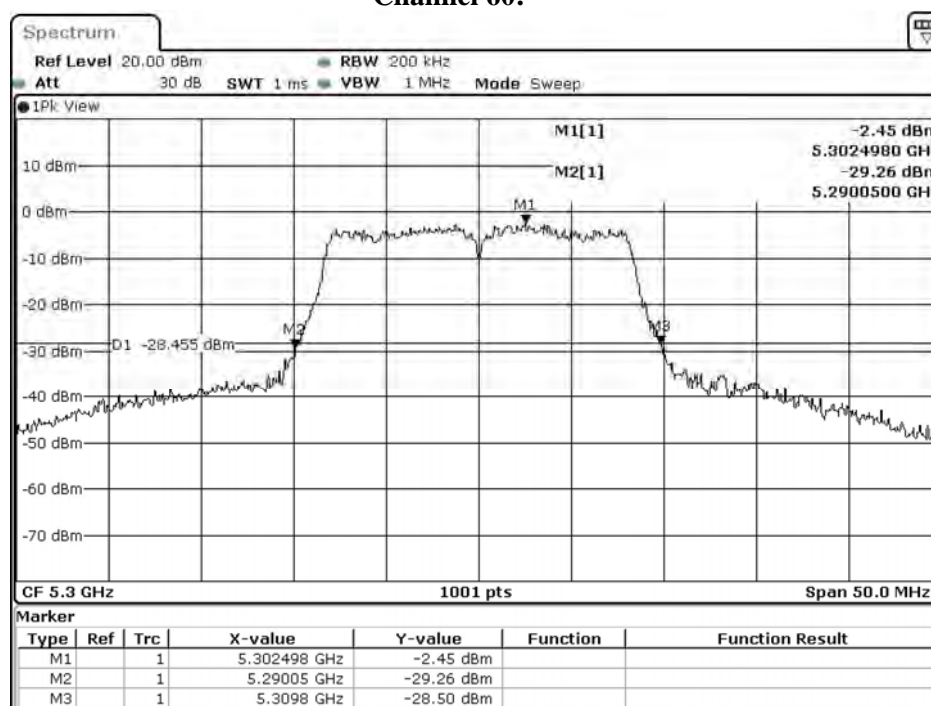
| Channel No | Frequency Range (MHz) | 26dB Bandwidth (MHz) | Output Power (dBm) | Output Power Limit | |
|------------|-----------------------|----------------------|--------------------|--------------------|---------------|
| | | | | (dBm) | dBm+10log(BW) |
| 36 | 5180 | -- | 9.72 | 24 | -- |
| 44 | 5220 | -- | 9.77 | 24 | -- |
| 48 | 5240 | -- | 9.64 | 24 | -- |
| 52 | 5260 | 19.750 | 9.71 | 24 | 23.96 |
| 60 | 5300 | 19.750 | 9.61 | 24 | 23.96 |
| 64 | 5320 | 19.750 | 9.97 | 24 | 23.96 |
| 100 | 5500 | 19.900 | 9.61 | 24 | 23.99 |
| 116 | 5580 | 19.750 | 9.93 | 24 | 23.96 |
| 140 | 5700 | 21.550 | 9.52 | 24 | 24.33 |
| 149 | 5745 | -- | 9.51 | 30 | -- |
| 157 | 5785 | -- | 9.89 | 30 | -- |
| 165 | 5825 | -- | 9.84 | 30 | -- |

26dB Occupied Bandwidth: Channel 52:



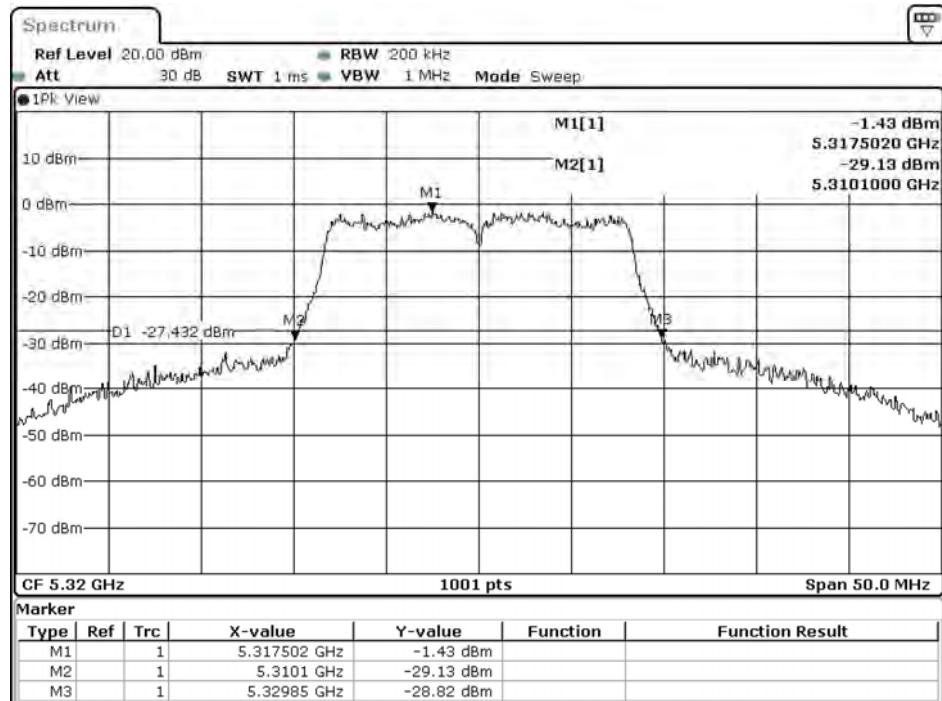
Date: 14.OCT.2020 17:28:10

Channel 60:



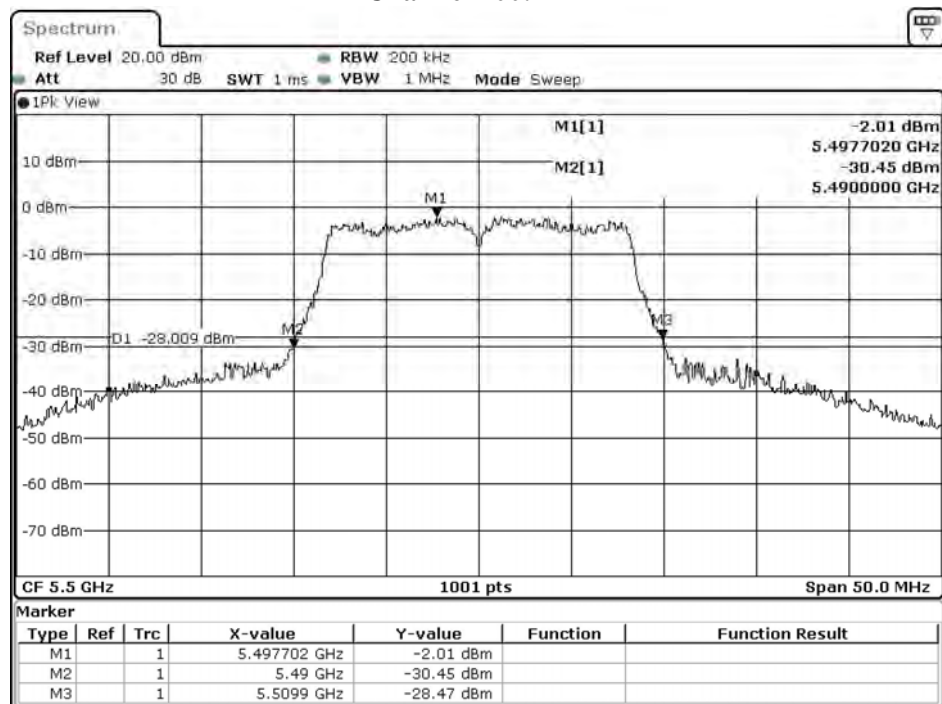
Date: 14.OCT.2020 17:42:00

Channel 64:



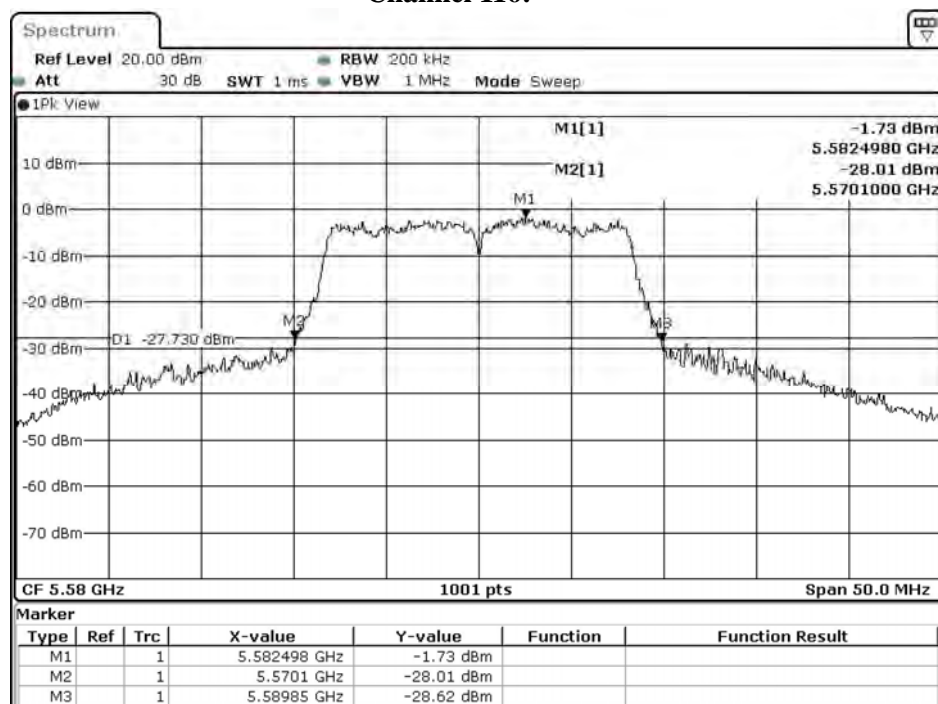
Date: 14.OCT.2020 17:52:50

Channel 100:



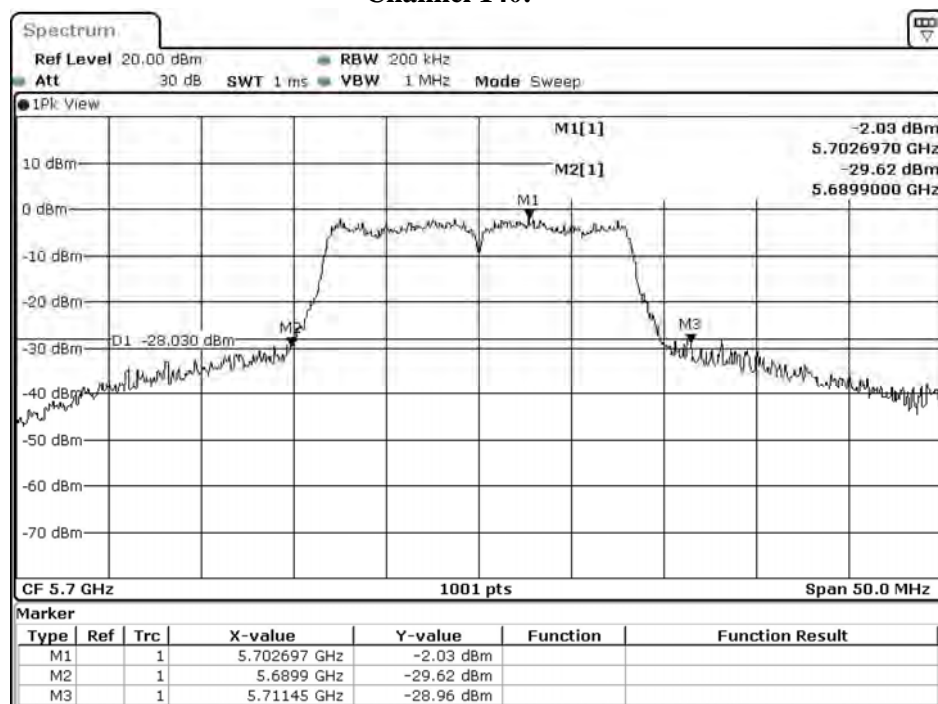
Date: 14.OCT.2020 17:55:08

Channel 116:



Date: 14.OCT.2020 17:57:56

Channel 140:



Date: 14.OCT.2020 18:07:31

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Maximum conducted output power
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps)
 Test Date : 2020/10/14

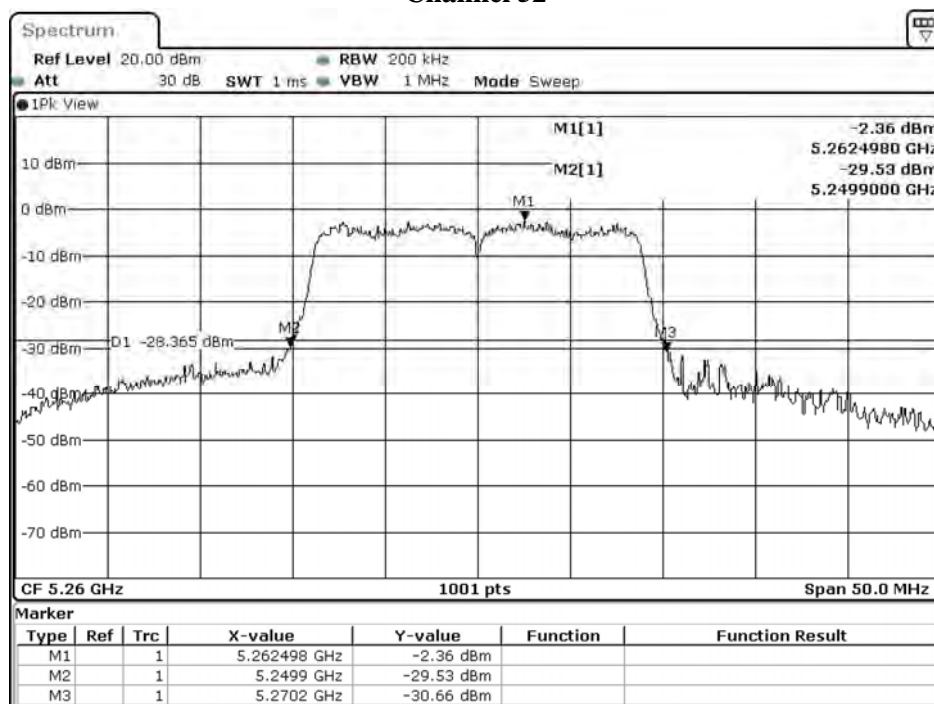
| Cable loss=3dB | | Maximum conducted output power | | | | | | | |
|----------------|-----------------|--------------------------------|------|------|------|------|------|------|------|
| Channel No. | Frequency (MHz) | Data Rate (Mbps) | | | | | | | |
| | | 7.2 | 14.4 | 21.7 | 28.9 | 43.3 | 57.8 | 65 | 72.2 |
| | | Measurement Level (dBm) | | | | | | | |
| 36 | 5180 | 9.8 | -- | -- | -- | -- | -- | -- | -- |
| 44 | 5220 | 9.75 | 9.71 | 9.66 | 9.62 | 9.58 | 9.52 | 9.48 | 9.43 |
| 48 | 5240 | 9.66 | -- | -- | -- | -- | -- | -- | -- |
| 52 | 5260 | 9.52 | -- | -- | -- | -- | -- | -- | -- |
| 60 | 5300 | 9.51 | 9.46 | 9.4 | 9.37 | 9.31 | 9.28 | 9.25 | 9.21 |
| 64 | 5320 | 9.97 | -- | -- | -- | -- | -- | -- | -- |
| 100 | 5500 | 9.52 | -- | -- | -- | -- | -- | -- | -- |
| 116 | 5580 | 9.93 | 9.87 | 9.84 | 9.78 | 9.75 | 9.70 | 9.67 | 9.61 |
| 140 | 5700 | 9.65 | -- | -- | -- | -- | -- | -- | -- |
| 144(Band3) | 5720 | 8.56 | 8.52 | 8.46 | 8.39 | 8.34 | 8.31 | 8.27 | 8.23 |
| 144(Band4) | 5720 | 2.38 | 2.35 | 2.32 | 2.28 | 2.24 | 2.19 | 2.13 | 2.07 |
| 149 | 5745 | 9.56 | -- | -- | -- | -- | -- | -- | -- |
| 157 | 5785 | 9.95 | 9.89 | 9.86 | 9.82 | 9.77 | 9.73 | 9.66 | 9.61 |
| 165 | 5825 | 9.94 | -- | -- | -- | -- | -- | -- | -- |

Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

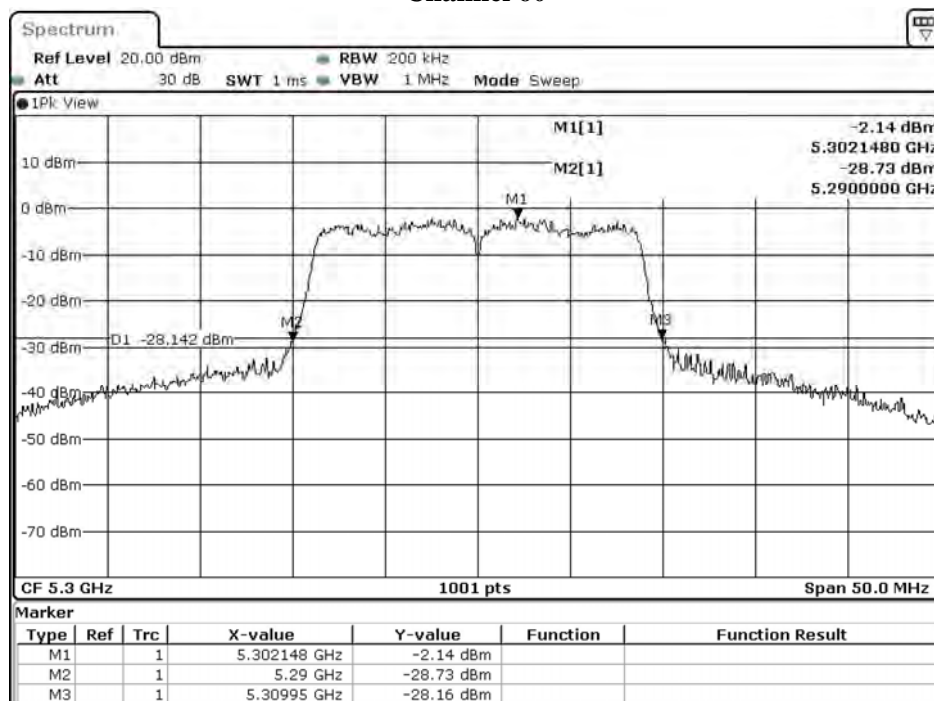
| Channel No | Frequency Range (MHz) | 26dB Bandwidth (MHz) | Output Power (dBm) | Output Power Limit | |
|------------|-----------------------|----------------------|--------------------|--------------------|---------------|
| | | | | (dBm) | dBm+10log(BW) |
| 36 | 5180 | -- | 9.8 | 24 | -- |
| 44 | 5220 | -- | 9.75 | 24 | -- |
| 48 | 5240 | -- | 9.66 | 24 | -- |
| 52 | 5260 | 20.300 | 9.52 | 24 | 24.07 |
| 60 | 5300 | 19.950 | 9.51 | 24 | 24.00 |
| 64 | 5320 | 20.350 | 9.97 | 24 | 24.09 |
| 100 | 5500 | 20.250 | 9.52 | 24 | 24.06 |
| 116 | 5580 | 20.750 | 9.93 | 24 | 24.17 |
| 140 | 5700 | 27.650 | 9.65 | 24 | 25.42 |
| 144(Band3) | 5720 | 19.700 | 8.56 | 24 | 23.94 |
| 144(Band4) | 5720 | -- | 2.38 | 30 | -- |
| 149 | 5745 | -- | 9.56 | 30 | -- |
| 157 | 5785 | -- | 9.95 | 30 | -- |
| 165 | 5825 | -- | 9.94 | 30 | -- |

26dB Occupied Bandwidth: Channel 52



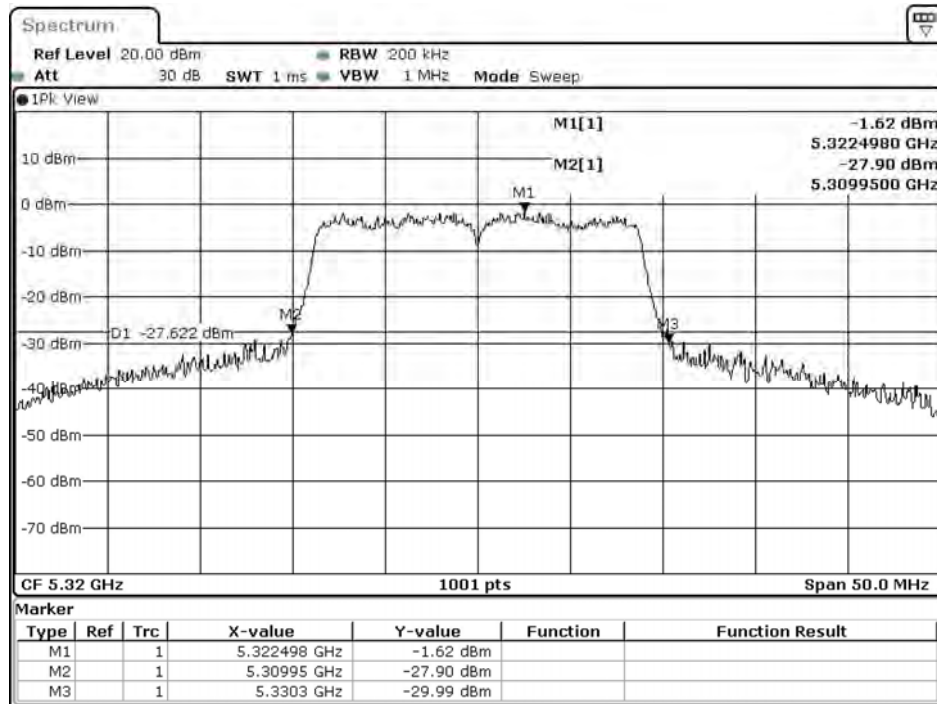
Date: 14.OCT.2020 19:01:12

Channel 60



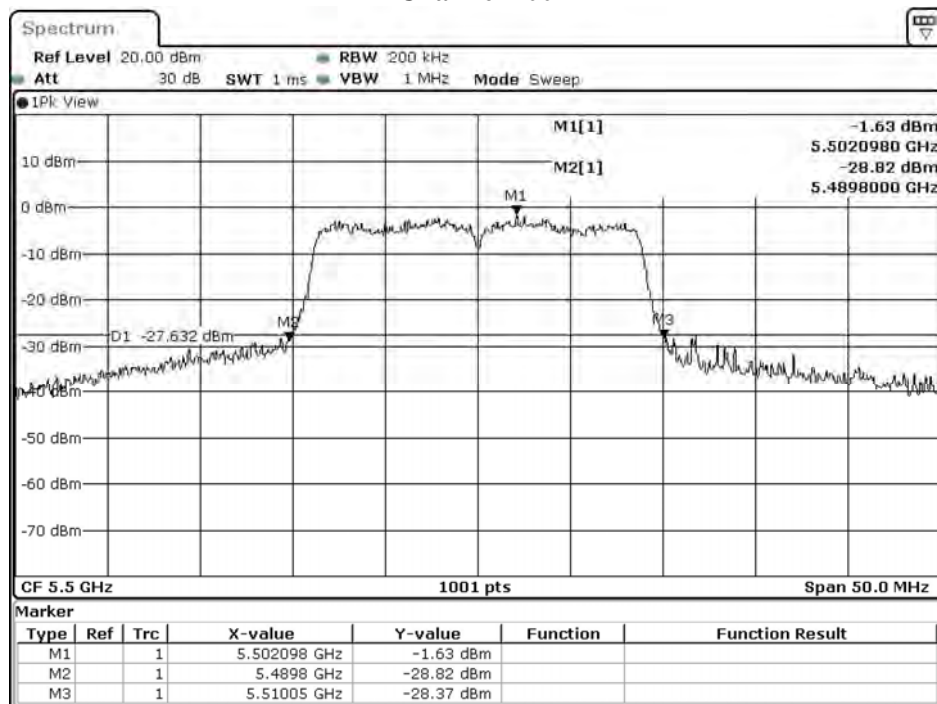
Date: 14.OCT.2020 19:03:32

Channel 64



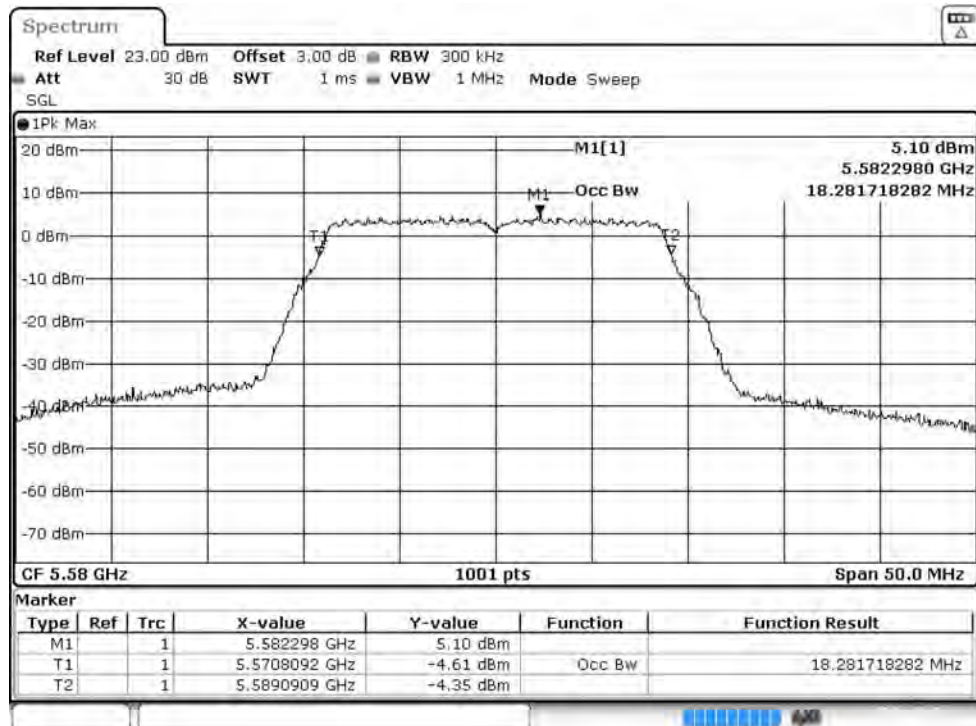
Date: 14.OCT.2020 19:06:48

Channel 100

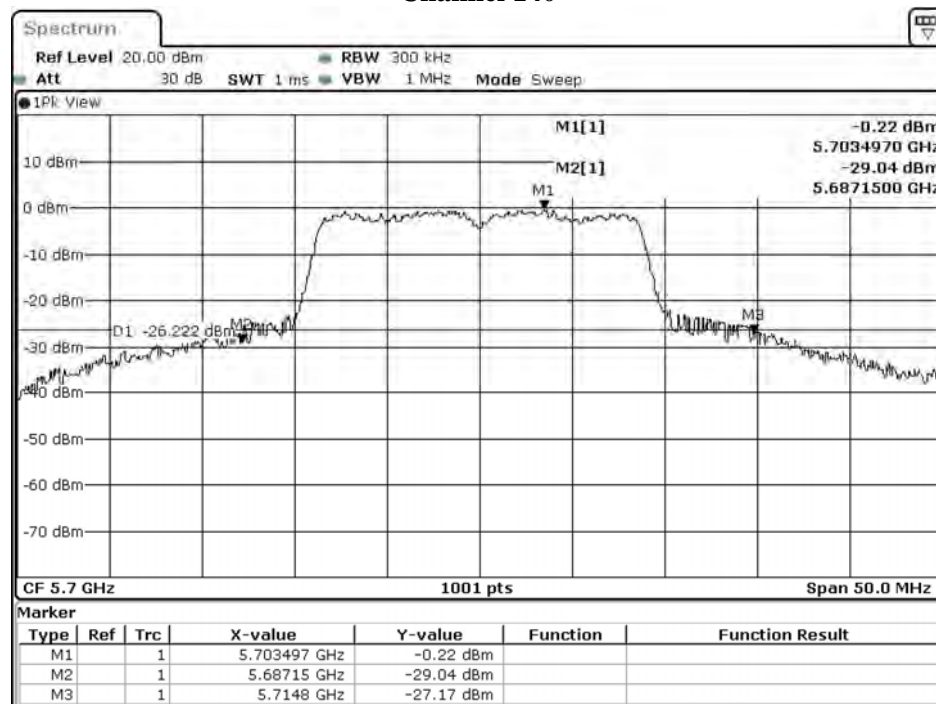


Date: 14.OCT.2020 19:13:23

Channel 116

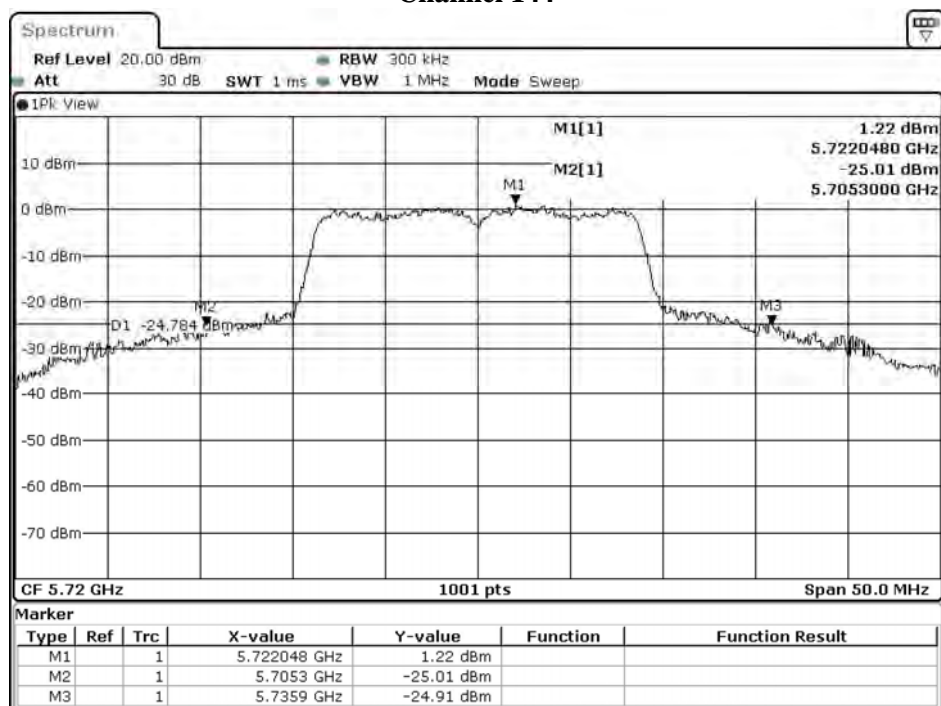


Channel 140

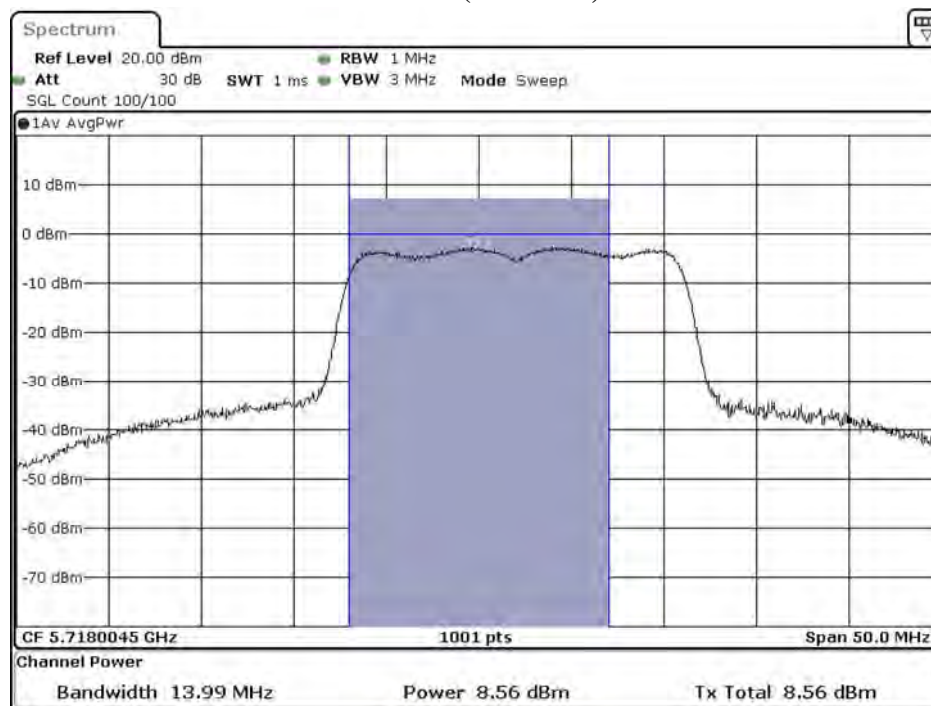


Date: 14.OCT.2020 19:18:24

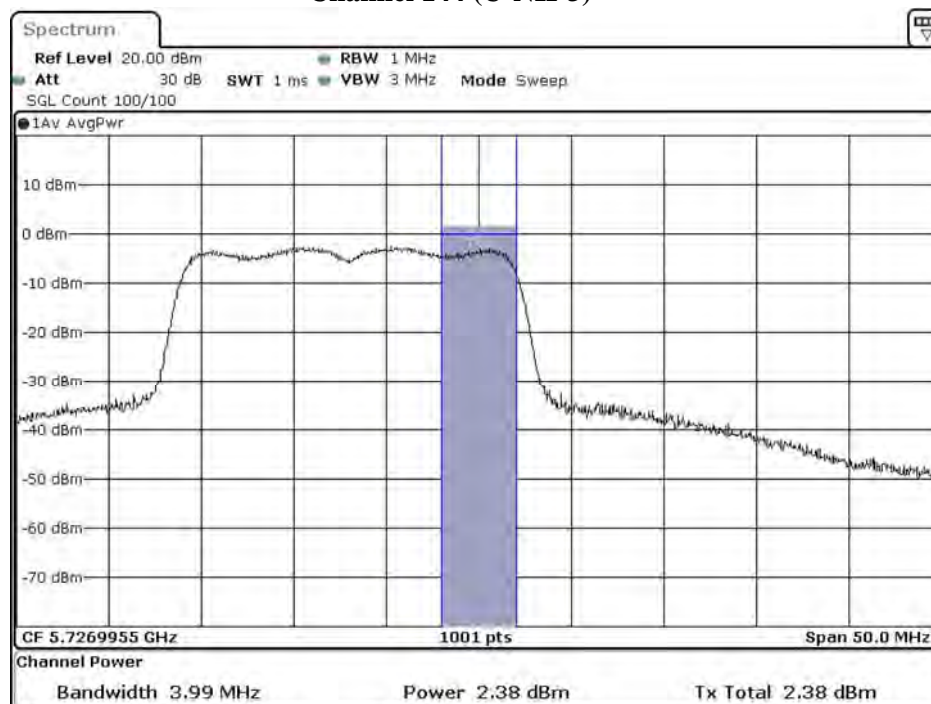
Channel 144



Date: 14.OCT.2020 18:12:15

Maximum conducted output power:**Channel 144 (U-NII-2C)**

Date: 14.OCT.2020 18:13:21

Channel 144 (U-NII-3)

Date: 14.OCT.2020 18:13:45

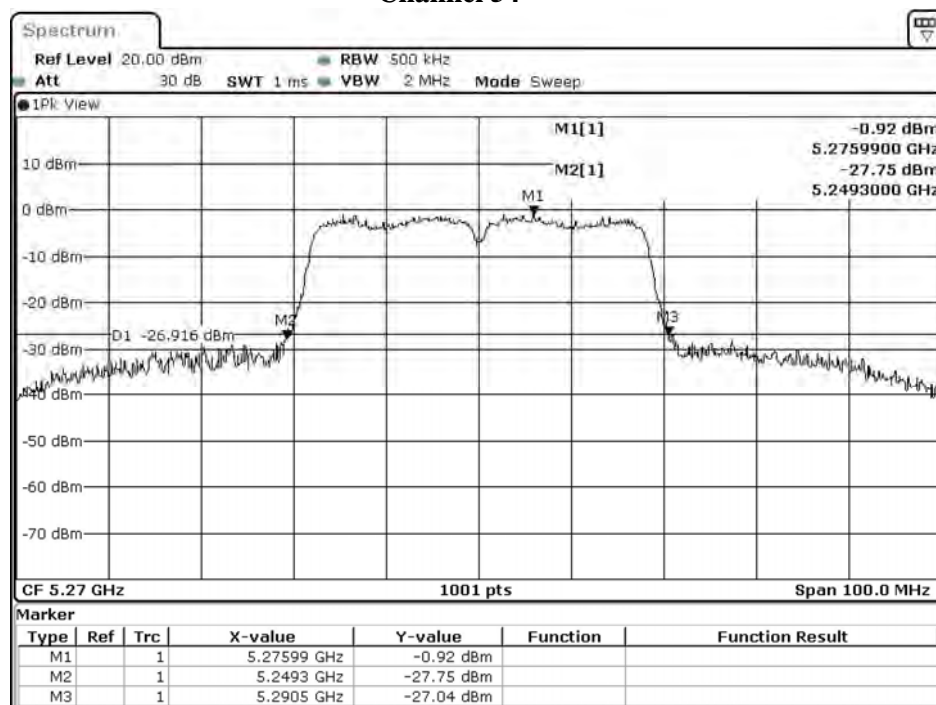
Product : Multimedia device with Bluetooth and WLAN
 Test Item : Maximum conducted output power
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps)
 Test Date : 2020/10/14

| Cable loss=3dB | | Maximum conducted output power | | | | | | | |
|----------------|-----------------|--------------------------------|-------|-------|-------|-------|-------|-------|------|
| Channel No. | Frequency (MHz) | Data Rate (Mbps) | | | | | | | |
| | | 15 | 30 | 45 | 60 | 90 | 120 | 135 | 150 |
| | | Measurement Level (dBm) | | | | | | | |
| 38 | 5190 | 9.67 | -- | -- | -- | -- | -- | -- | -- |
| 46 | 5230 | 9.74 | 9.67 | 9.62 | 9.56 | 9.52 | 9.46 | 9.42 | 9.36 |
| 54 | 5270 | 9.75 | -- | -- | -- | -- | -- | -- | -- |
| 62 | 5310 | 9.76 | 9.7 | 9.66 | 9.63 | 9.58 | 9.53 | 9.47 | 9.43 |
| 102 | 5510 | 9.84 | -- | -- | -- | -- | -- | -- | -- |
| 110 | 5550 | 9.82 | 9.77 | 9.71 | 9.67 | 9.61 | 9.56 | 9.50 | 9.46 |
| 134 | 5670 | 9.8 | -- | -- | -- | -- | -- | -- | -- |
| 142F(Band3) | 5710 | 9.42 | 9.38 | 9.33 | 9.27 | 9.24 | 9.19 | 9.14 | 9.09 |
| 142F(Band4) | 5710 | -0.65 | -0.69 | -0.75 | -0.79 | -0.85 | -0.91 | -0.95 | -1 |
| 151 | 5755 | 9.83 | -- | -- | -- | -- | -- | -- | -- |
| 159 | 5795 | 9.89 | 9.84 | 9.78 | 9.74 | 9.67 | 9.63 | 9.57 | 9.50 |

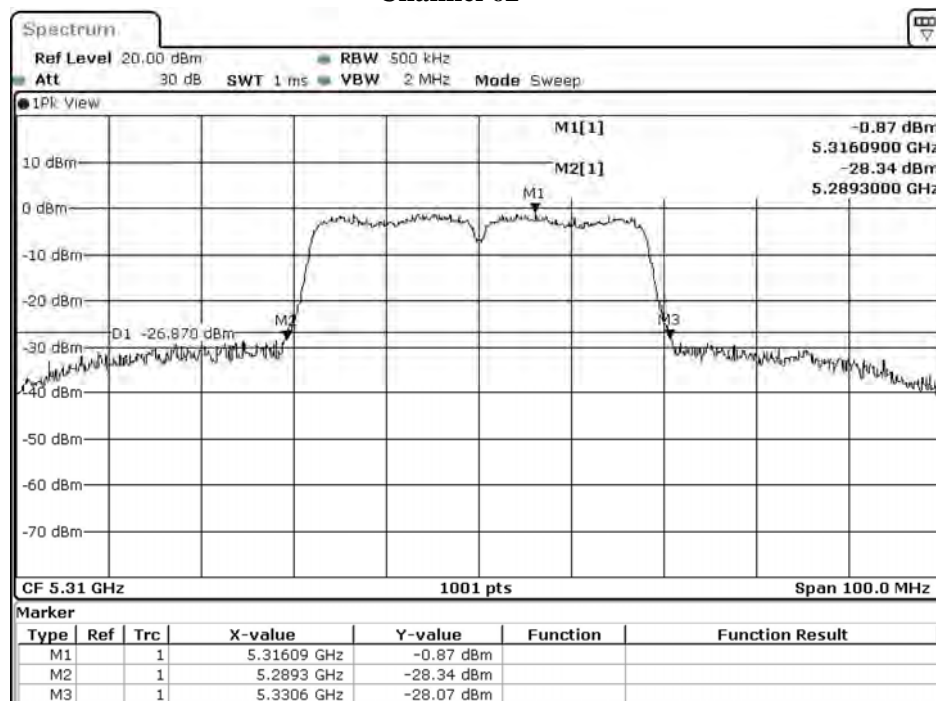
Note: Maximum conducted output power Value =Reading value on average power meter + cable loss

Maximum conducted output power Measurement:

| Channel No | Frequency Range (MHz) | 26dB Bandwidth (MHz) | Output Power (dBm) | Output Power Limit | |
|-------------|-----------------------|----------------------|--------------------|--------------------|---------------|
| | | | | (dBm) | dBm+10log(BW) |
| 38 | 5190 | -- | 9.67 | 24 | -- |
| 46 | 5230 | -- | 9.74 | 24 | -- |
| 54 | 5270 | 41.200 | 9.75 | 24 | 27.15 |
| 62 | 5310 | 41.300 | 9.76 | 24 | 27.16 |
| 102 | 5510 | 41.500 | 9.84 | 24 | 27.18 |
| 110 | 5550 | 41.100 | 9.82 | 24 | 27.14 |
| 134 | 5670 | 41.400 | 9.8 | 24 | 27.17 |
| 142F(Band3) | 5710 | 51.750 | 9.42 | 24 | 28.14 |
| 142F(Band4) | 5710 | -- | -0.65 | 30 | -- |
| 151 | 5755 | -- | 9.83 | 30 | -- |
| 159 | 5795 | -- | 9.89 | 30 | -- |

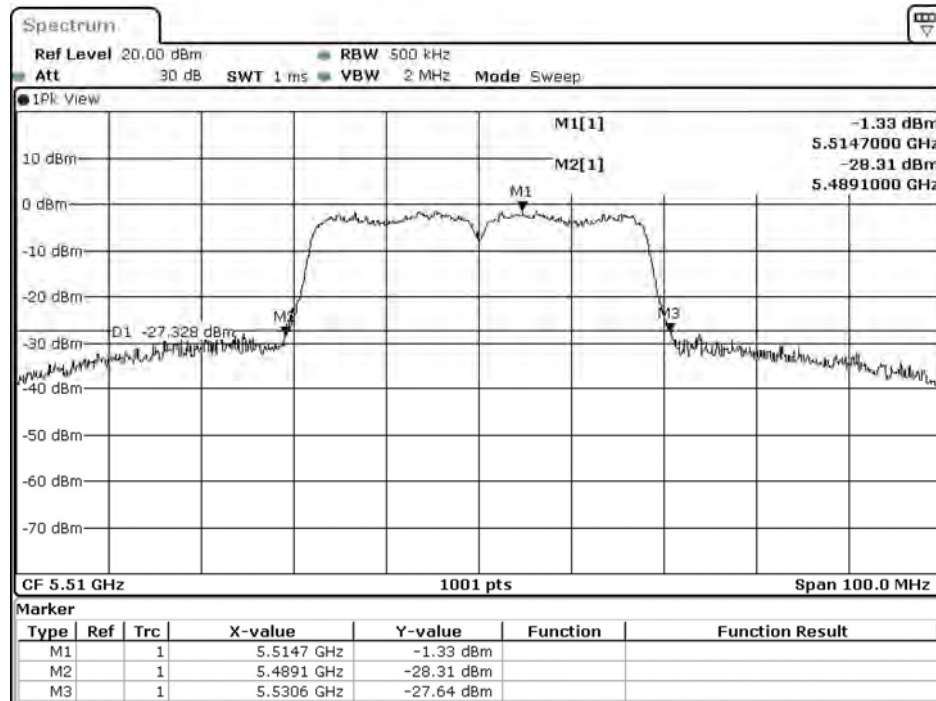
26dB Occupied Bandwidth:**Channel 54**

Date: 14.OCT.2020 19:32:04

Channel 62

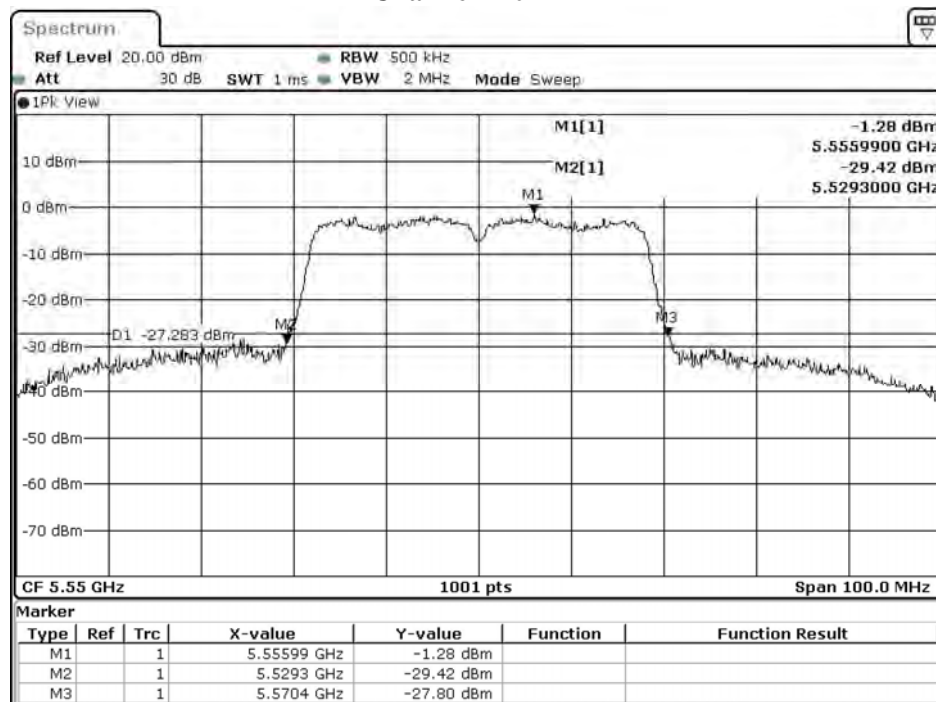
Date: 14.OCT.2020 19:34:42

Channel 102



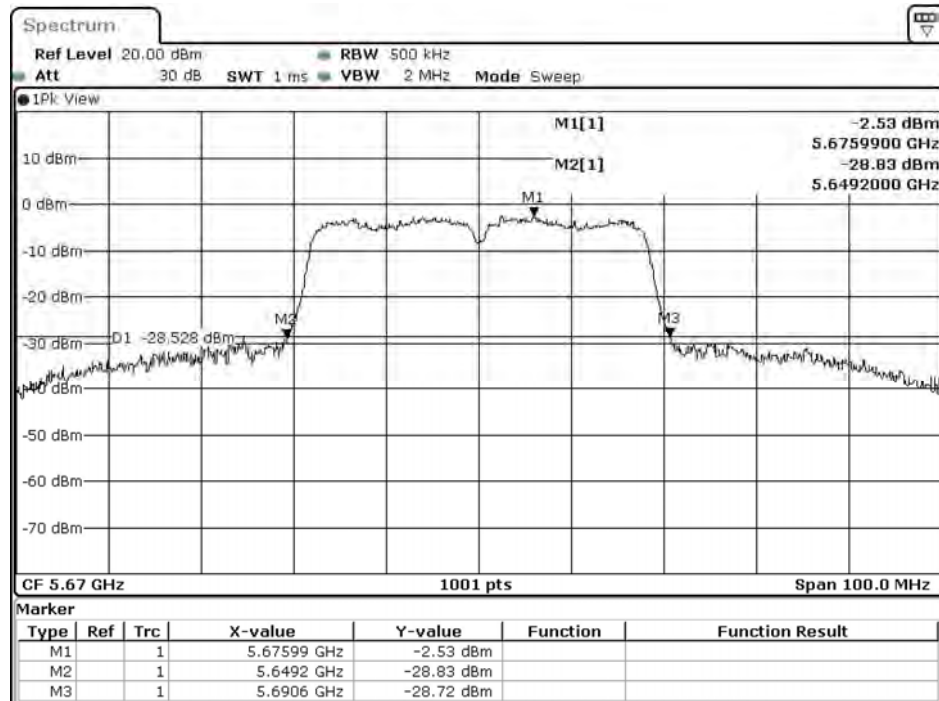
Date: 14.OCT.2020 19:37:00

Channel 110



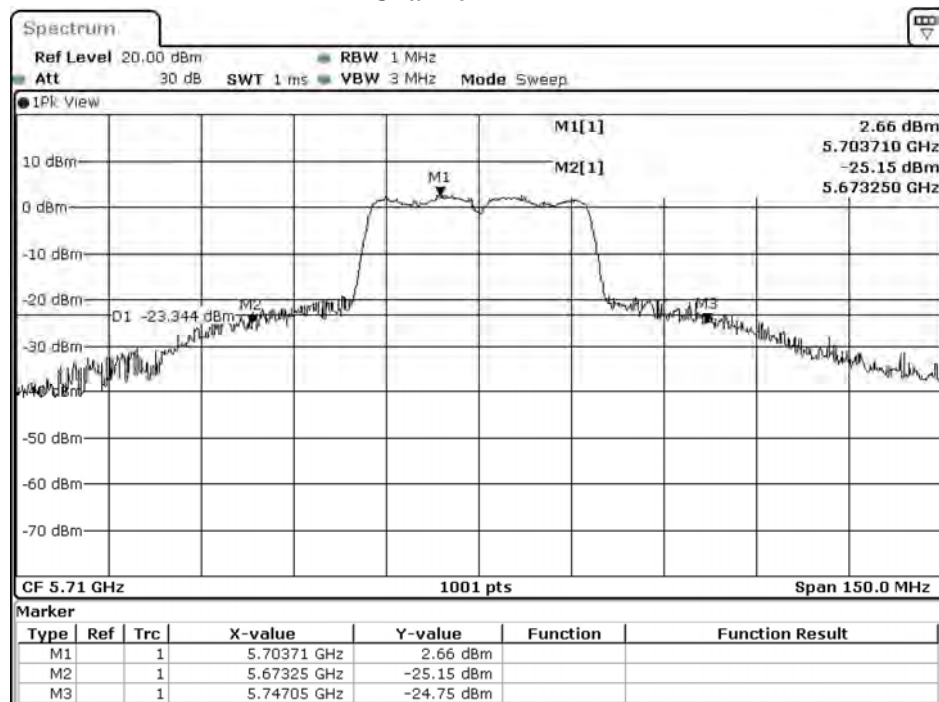
Date: 14.OCT.2020 19:39:21

Channel 134

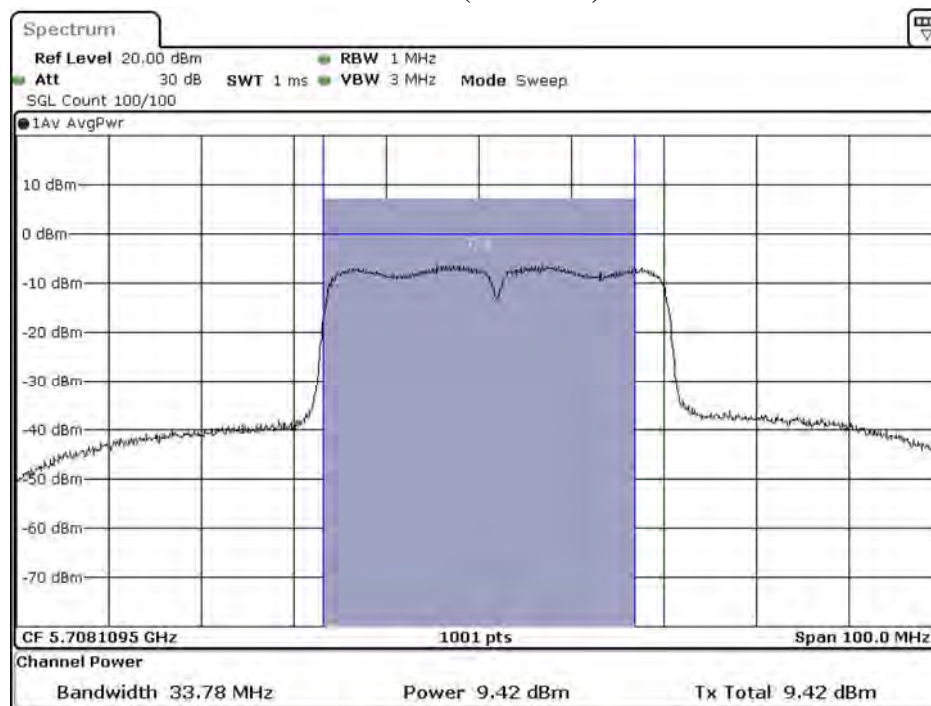


Date: 14.OCT.2020 19:42:54

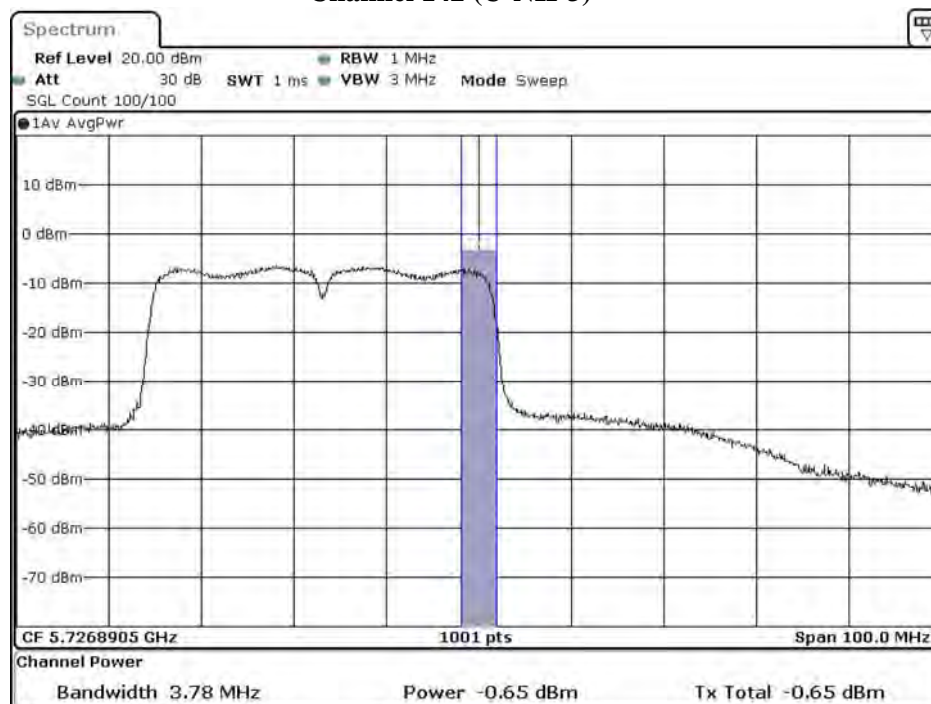
Channel 142



Date: 14.OCT.2020 20:22:08

Maximum conducted output power:**Channel 142 (U-NII-2C)**

Date: 14.OCT.2020 20:23:15

Channel 142 (U-NII-3)

Date: 14.OCT.2020 20:23:38

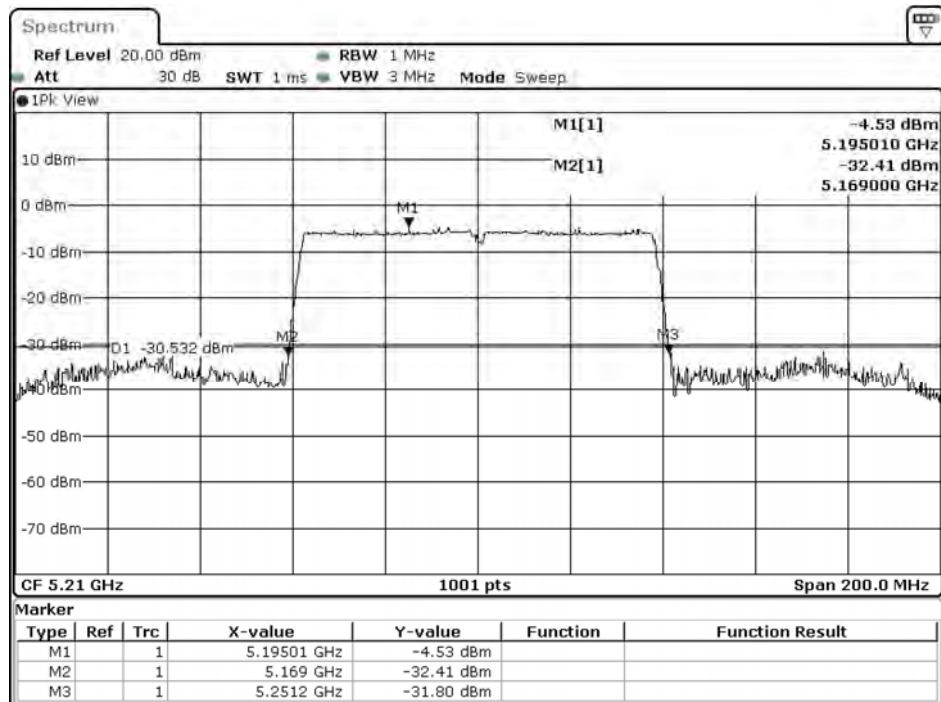
Product : Multimedia device with Bluetooth and WLAN
 Test Item : Maximum conducted output power
 Test Mode : Mode 4: Transmit (802.11ac-80BW 36Mbps)
 Test Date : 2020/10/14

| Cable loss=3dB | | Maximum conducted output power | | | | | | | | | |
|----------------|--------------------|--------------------------------|------|------|------|------|------|------|------|------|------|
| Channel No | Frequency (MHz) | Data Rate (Mbps) | | | | | | | | | |
| | | VTH0 | VTH1 | VTH2 | VTH3 | VTH4 | VTH5 | VTH6 | VTH7 | VTH8 | VTH9 |
| 42 | 5210 | 5.93 | 5.88 | 5.84 | 5.8 | 5.74 | 5.68 | 5.63 | 5.56 | 5.51 | 5.46 |
| 58 | 5290 | 5.88 | 5.82 | 5.78 | 5.72 | 5.65 | 5.59 | 5.55 | 5.51 | 5.48 | 5.41 |
| 106 | 5530 | 5.93 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 122 | 5610 | 5.91 | 5.86 | 5.82 | 5.77 | 5.71 | 5.64 | 5.60 | 5.57 | 5.52 | 5.49 |
| 138(U-NII-2C) | 5690 | 5.48 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 138(U-NII-3) | 5690 | -4.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| 155 | 5775 | 5.97 | 5.92 | 5.85 | 5.80 | 5.74 | 5.70 | 5.66 | 5.62 | 5.56 | 5.53 |

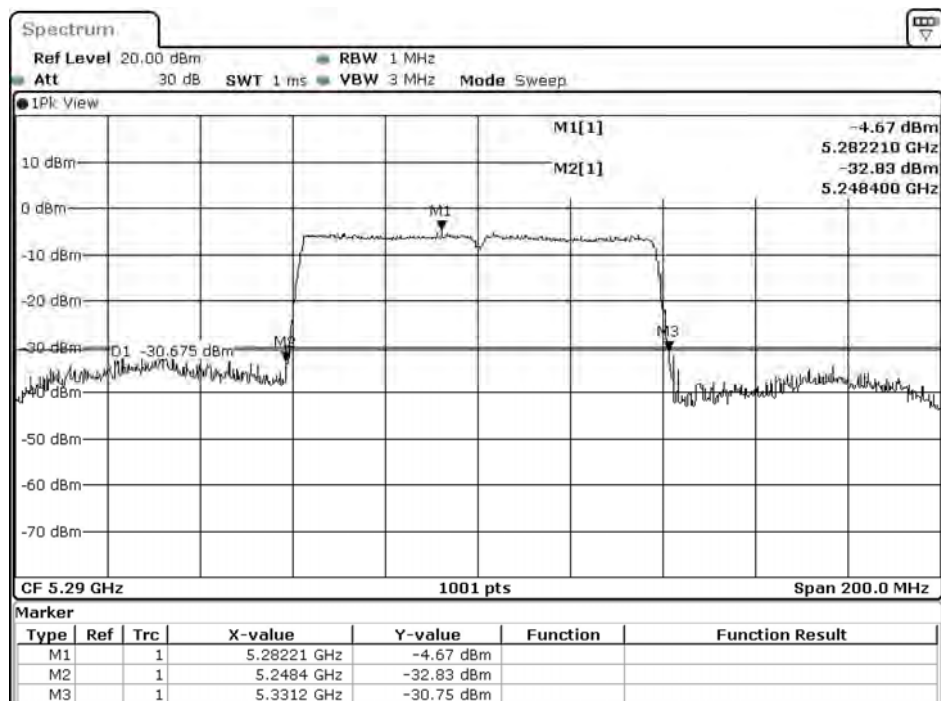
Note: Maximum conducted output power Value =Reading value on Spectrum Analyzer + cable loss

Maximum conducted output power Measurement

| Channel No | Frequency Range | 26dB Bandwidth | Output Power | Output Power Limit | | Result |
|---------------|--------------------|-------------------|-----------------|--------------------|---------------|--------|
| | (MHz) | (MHz) | (dBm) | (dBm) | dBm+10log(BW) | |
| 42 | 5210 | -- | 5.93 | 30 | -- | Pass |
| 58 | 5290 | 82.800 | 5.88 | 24 | 30.18 | Pass |
| 106 | 5530 | 83.200 | 5.93 | 24 | 30.20 | Pass |
| 122 | 5610 | 82.600 | 5.91 | 24 | 30.17 | Pass |
| 138(U-NII-2C) | 5690 | 111.750 | 5.48 | 24 | 31.48 | Pass |
| 138(U-NII-3) | 5690 | 49.500 | -4.66 | 30 | 27.95 | Pass |
| 155 | 5775 | -- | 5.97 | 30 | -- | Pass |

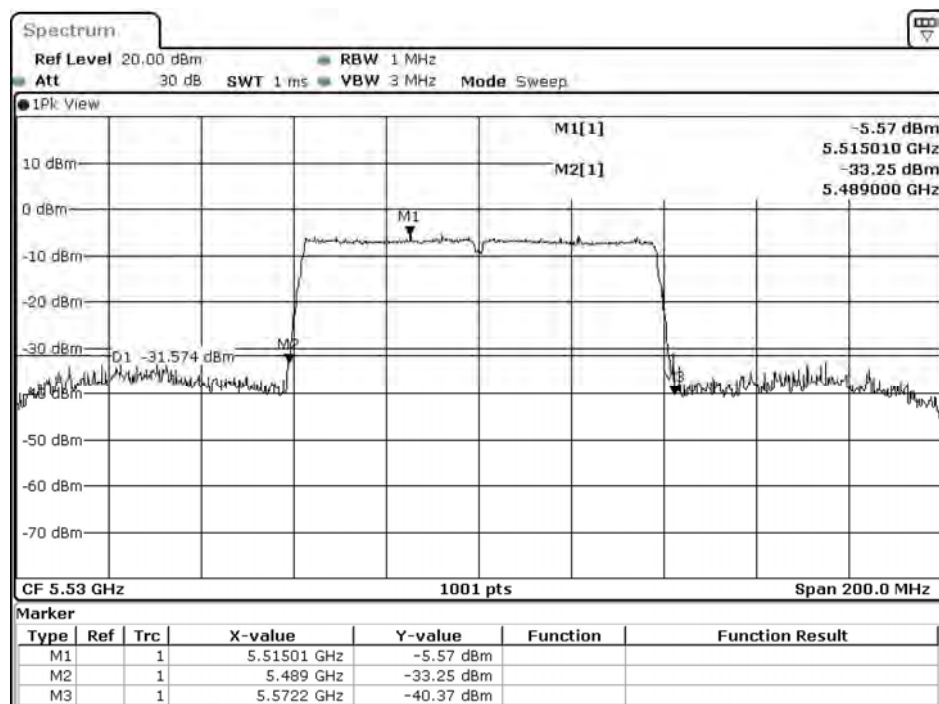
26dB Occupied Bandwidth:**Channel 42**

Date: 14.OCT.2020 18:22:59

Channel 58

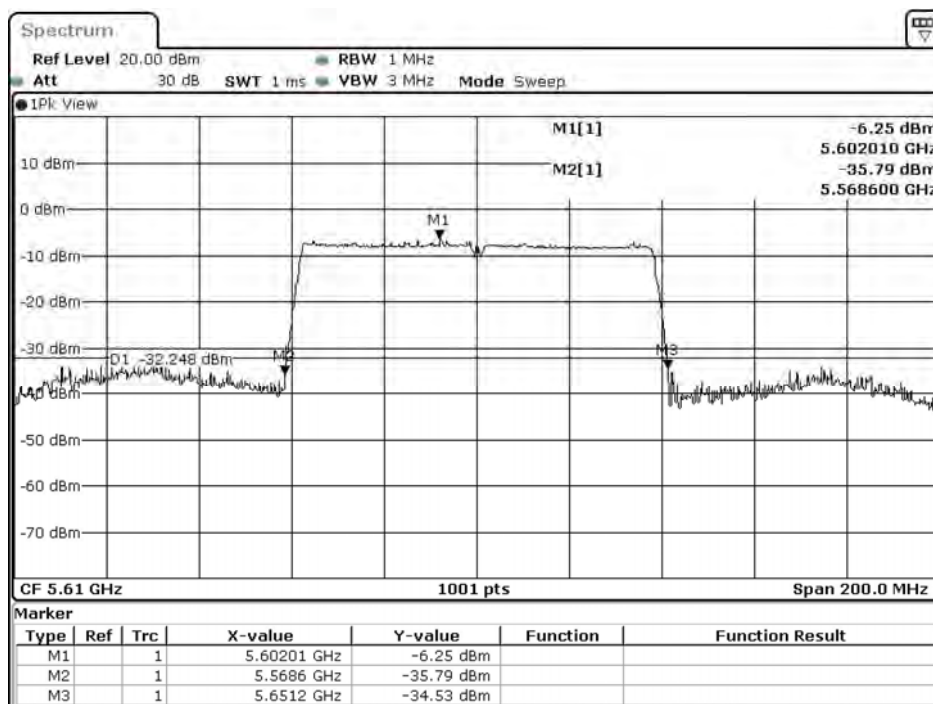
Date: 14.OCT.2020 18:28:10

Channel 106



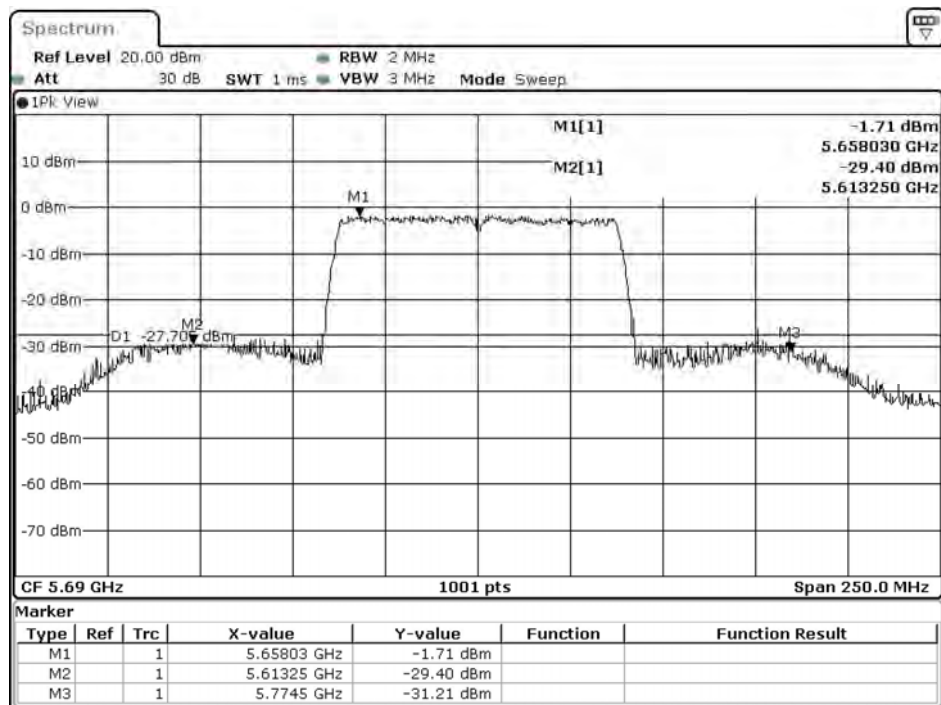
Date: 14.OCT.2020 18:31:20

Channel 122



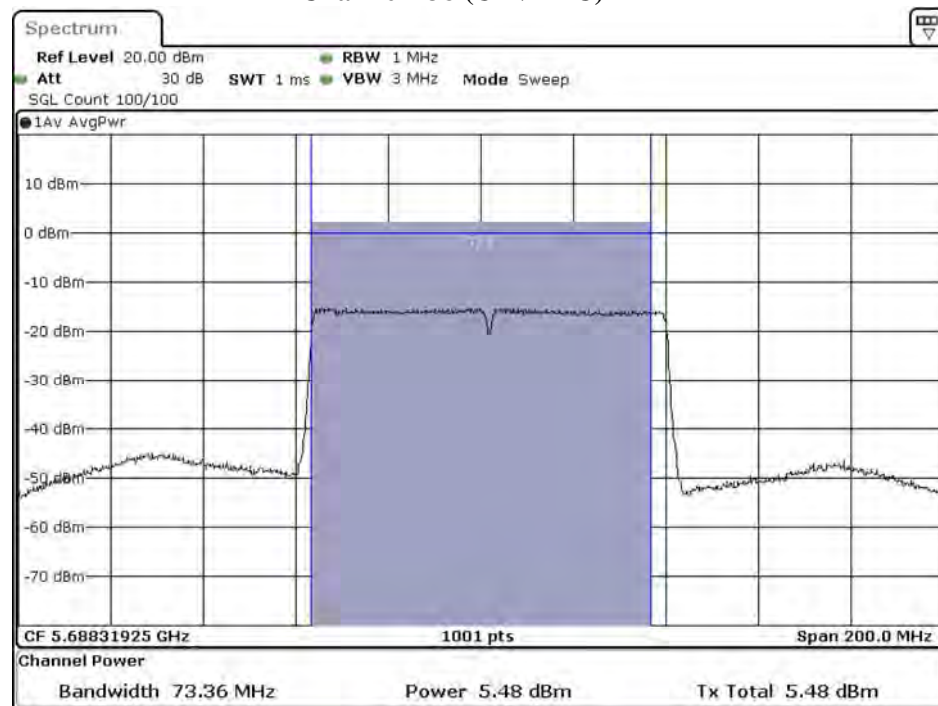
Date: 14.OCT.2020 18:37:56

Channel 138



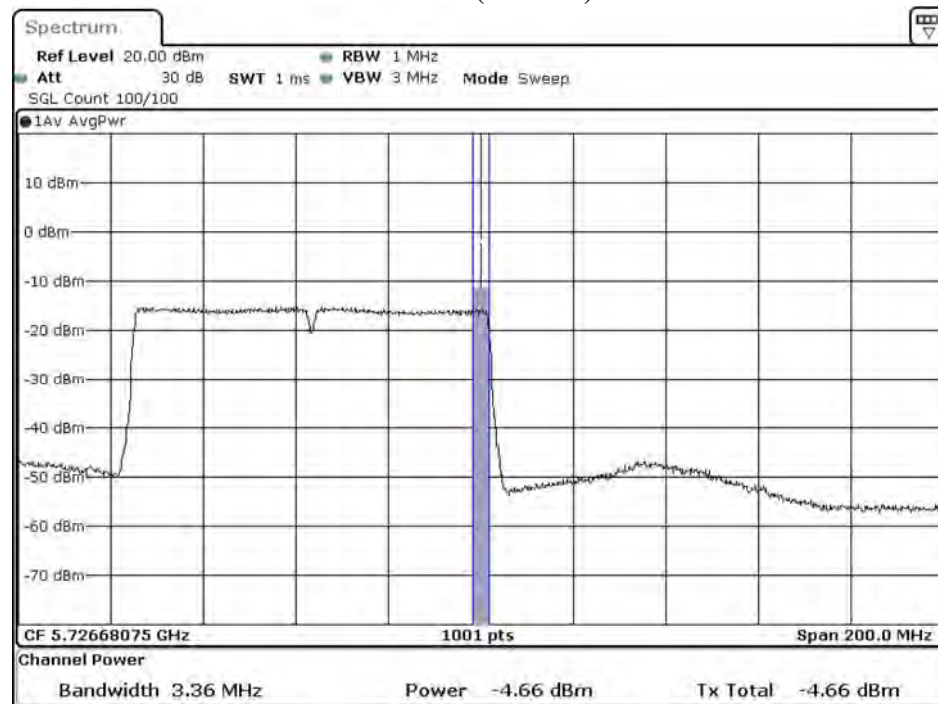
Date: 14.OCT.2020 18:40:41

**Maximum conducted output power:
Channel 138 (U-NII-2C)**



Date: 14.OCT.2020 18:41:47

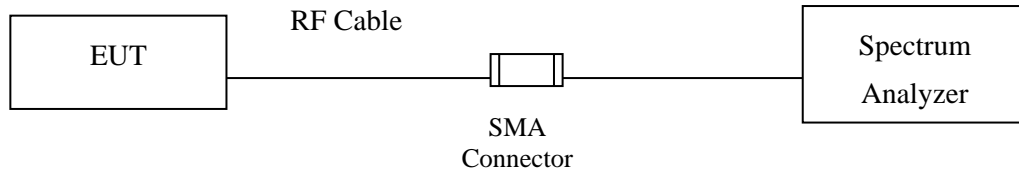
Channel 138 (U-NII-3)



Date: 14.OCT.2020 18:42:11

4. Peak Power Spectral Density

4.1. Test Setup



4.2. Limits

For the band 5.15-5.25 GHz,

- (i) For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
- (ii) For an indoor access point operating in the band 5.15-5.25 GHz, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
- (iii) For fixed point-to-point access points operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W. Fixed point-to-point U-NII devices may employ antennas with directional gain up to 23 dBi without any corresponding reduction in the maximum conducted output power or maximum power spectral density. For fixed point-to-point transmitters that employ a directional antenna gain greater than 23 dBi, a 1 dB reduction in maximum conducted output power and maximum power spectral density is required for each 1 dB of antenna gain in excess of 23 dBi. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.
- (iv) For mobile and portable client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.+

For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

For the band 5.725-5.85 GHz, the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band. If transmitting antennas of directional gain greater than 6 dBi are used, the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. However, fixed point-to-point UNII devices operating in this band may employ transmitting antennas with directional gain greater than 6 dBi without any corresponding reduction in transmitter conducted power. Fixed, point-to-point operations exclude the use of point-to-multipoint systems, omnidirectional applications, and multiple collocated transmitters transmitting the same information. The operator of the U-NII device, or if the equipment is professionally installed, the installer, is responsible for ensuring that systems employing high gain directional antennas are used exclusively for fixed, point-to-point operations.

4.3. Test Procedure

The EUT was setup to ANSI C63.10, 2013; tested to UNII test procedure of FCC KDB-789033 for compliance to FCC 47CFR Subpart E requirements.

The Peak Power Spectral Density using KDB 789033 section F) procedure, Create an average power spectrum for the EUT operating mode being tested by following the instructions in section E)2) for measuring maximum conducted output power using a spectrum analyzer.

SA-1 method is selected to run the test.

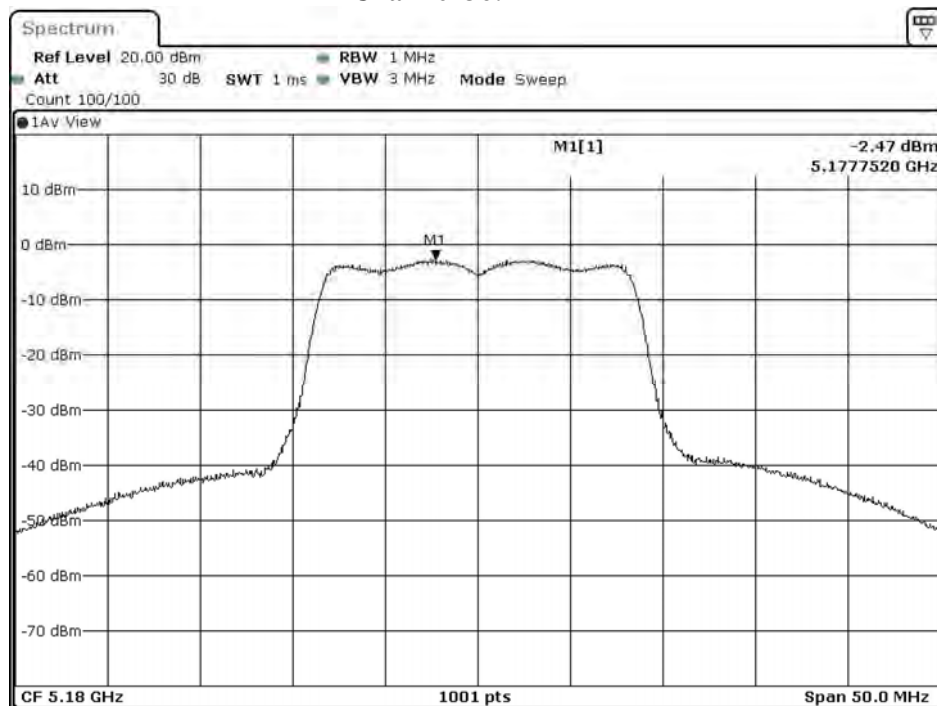
For the band 5.725-5.85 GHz, Scale the observed power level to an equivalent value in 500 kHz by adjusting (increase) the measured power by a bandwidth correction factor (BWCF) where $BWCF = 10\log(500\text{ kHz}/100\text{ kHz}) = 6.98\text{ dB}$.

4.4. Test Result of Peak Power Spectral Density

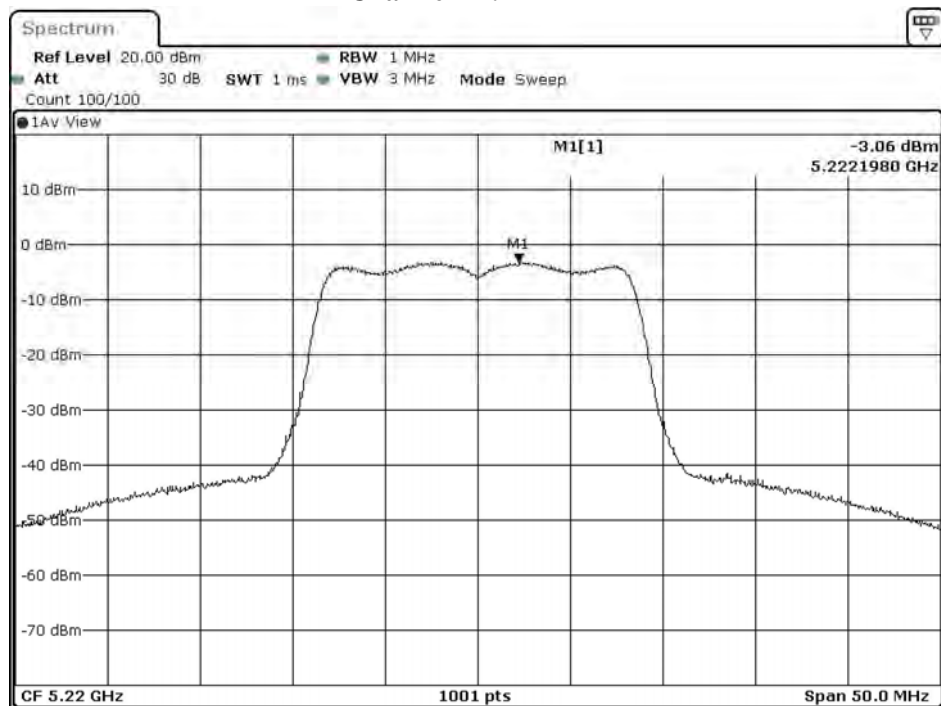
Product : Multimedia device with Bluetooth and WLAN
 Test Item : Peak Power Spectral Density
 Test Mode : Mode 1: Transmit (802.11a 6Mbps)
 Test Date : 2020/10/14

| Channel Number | Frequency (MHz) | Data Rate (Mbps) | Measurement Level (dBm) | Required Limit (dBm) | Result |
|----------------|-----------------|------------------|-------------------------|----------------------|--------|
| 36 | 5180 | 6 | -2.47 | <11 | Pass |
| 44 | 5220 | 6 | -3.06 | <11 | Pass |
| 48 | 5240 | 6 | -3.36 | <11 | Pass |
| 52 | 5260 | 6 | -3.70 | <11 | Pass |
| 60 | 5300 | 6 | -3.92 | <11 | Pass |
| 64 | 5320 | 6 | -2.96 | <11 | Pass |
| 100 | 5500 | 6 | -3.13 | <11 | Pass |
| 116 | 5580 | 6 | -3.25 | <11 | Pass |
| 140 | 5700 | 6 | -3.39 | <11 | Pass |

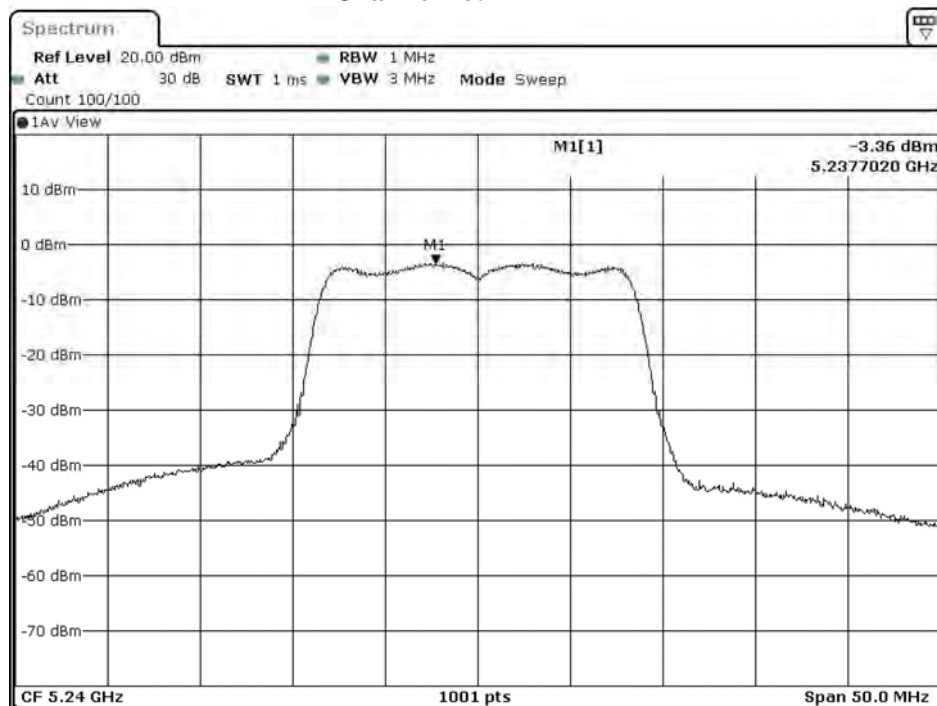
| Channel Number | Frequency (MHz) | Data Rate (Mbps) | PPSD (dBm) | BWCF (dB) | Total PSD (dBm) | Required Limit (dBm) | Result |
|----------------|-----------------|------------------|------------|-----------|-----------------|----------------------|--------|
| 149 | 5745 | 6 | -12.10 | 6.98 | -5.12 | <30 | Pass |
| 157 | 5785 | 6 | -11.09 | 6.98 | -4.11 | <30 | Pass |
| 165 | 5825 | 6 | -11.03 | 6.98 | -4.05 | <30 | Pass |

Channel 36:

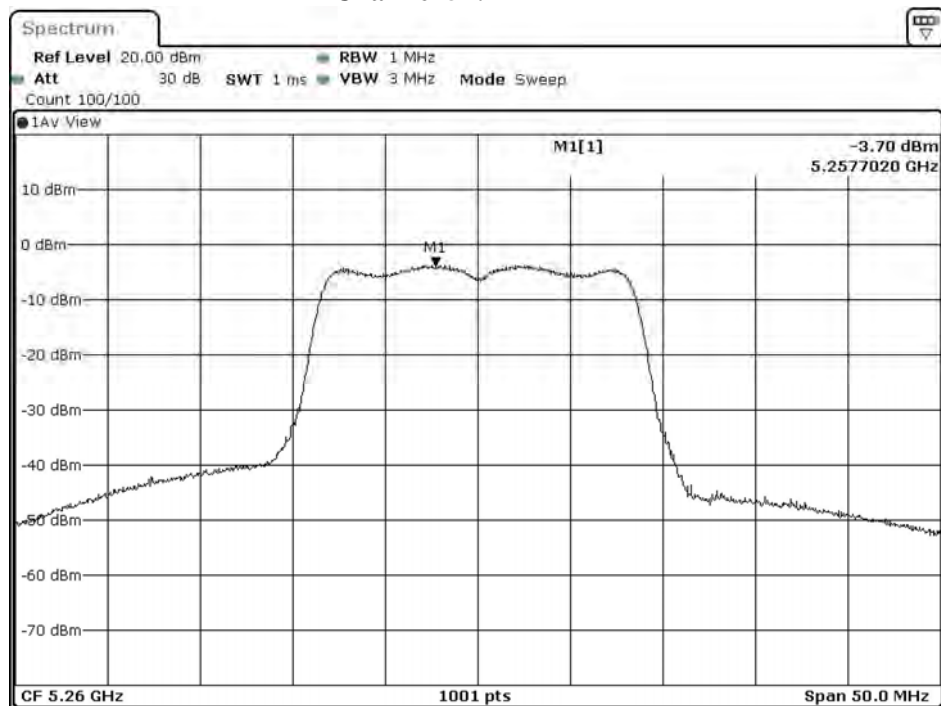
Date: 14.OCT.2020 17:19:57

Channel 44:

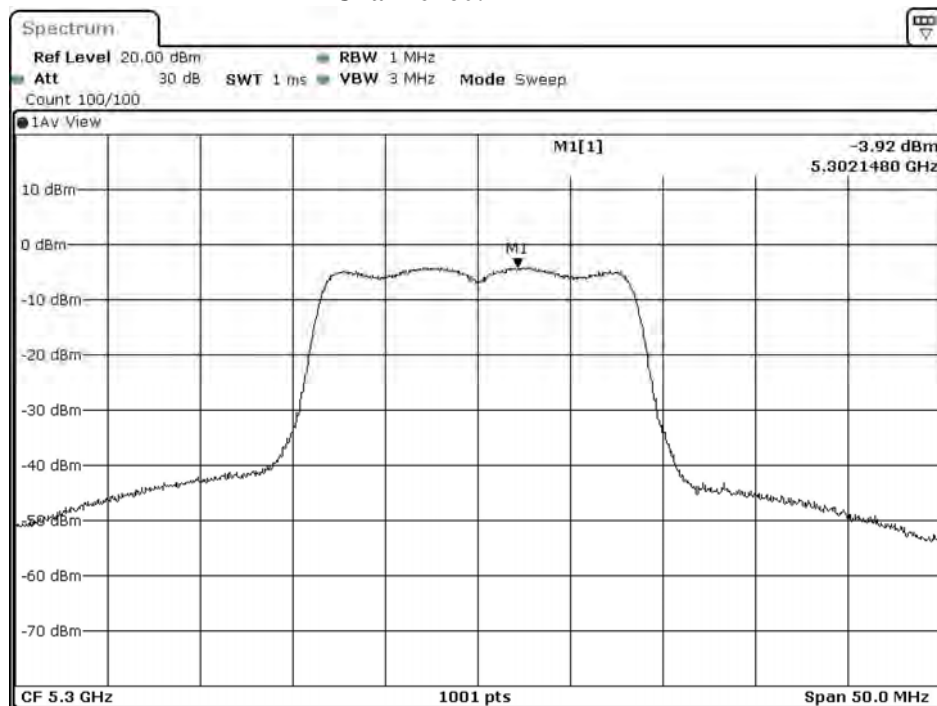
Date: 14.OCT.2020 17:22:43

Channel 48:

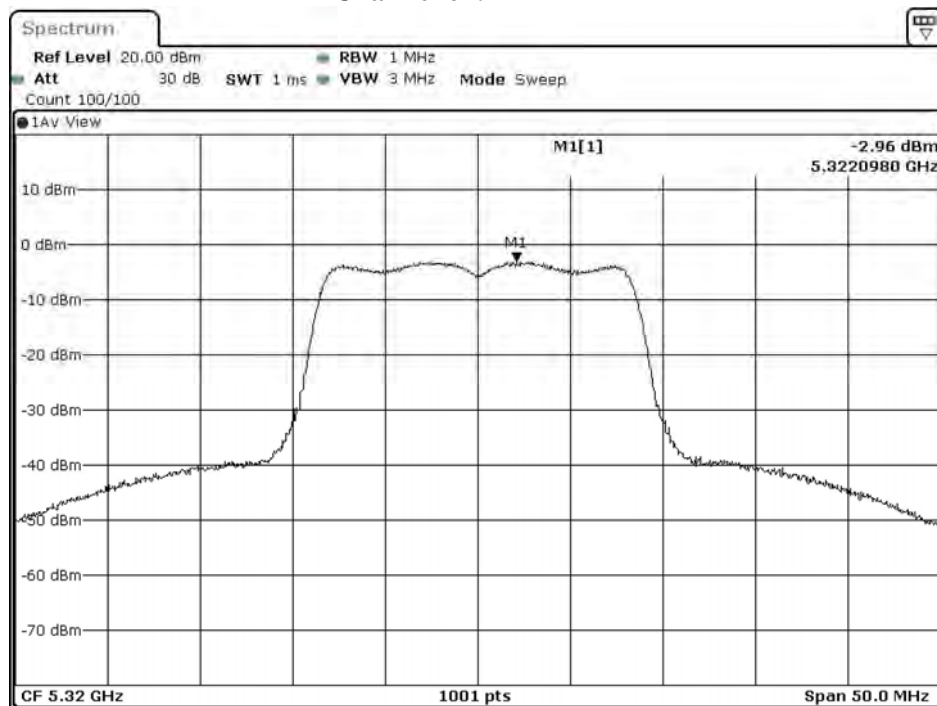
Date: 14.OCT.2020 17:25:21

Channel 52:

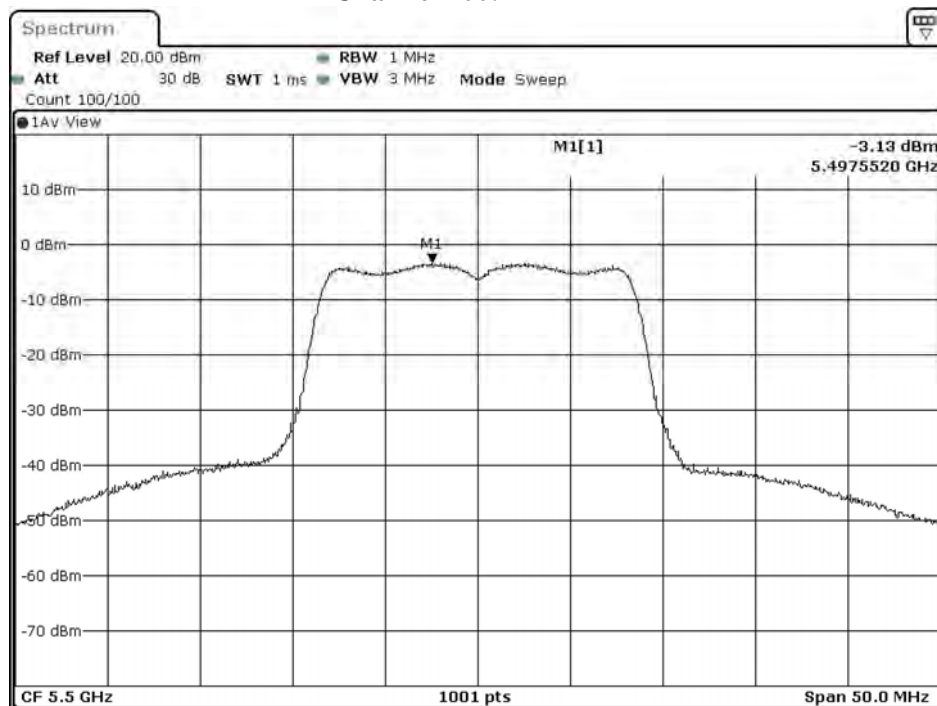
Date: 14.OCT.2020 17:28:34

Channel 60:

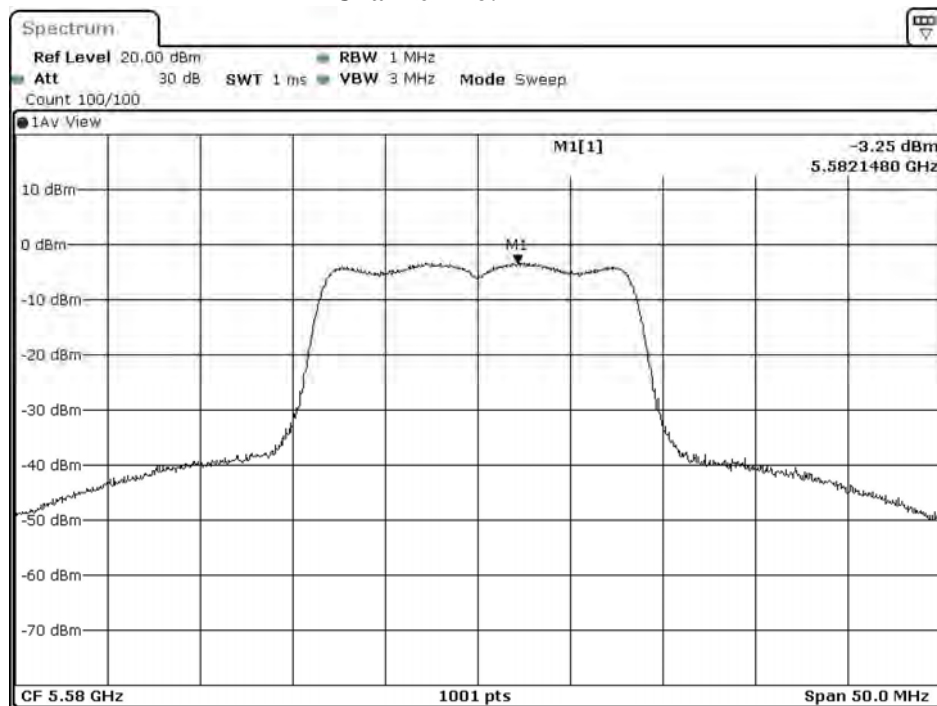
Date: 14.OCT.2020 17:42:24

Channel 64:

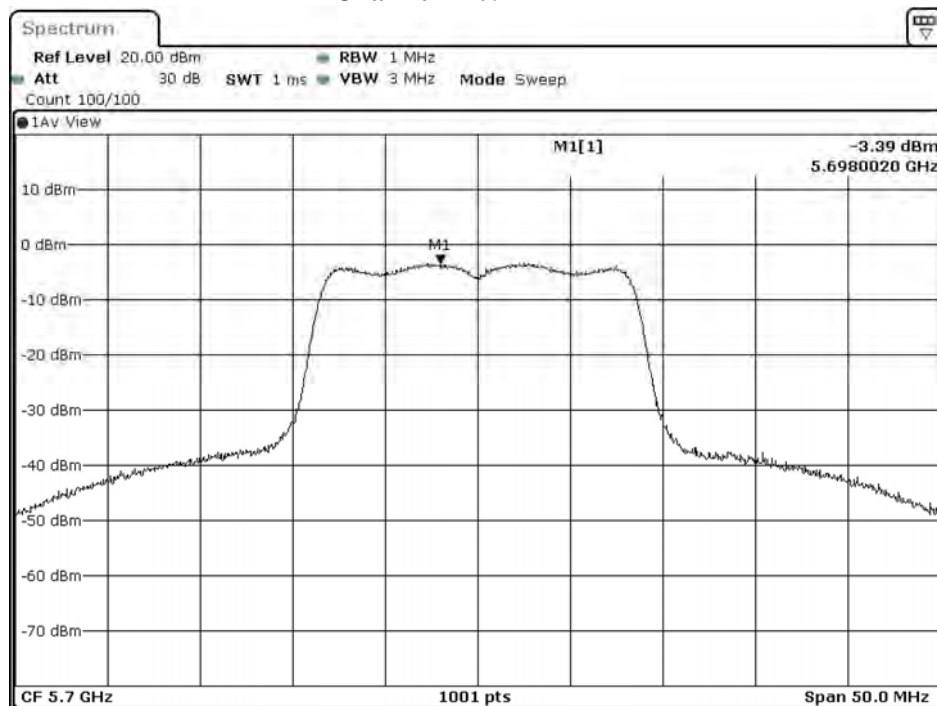
Date: 14.OCT.2020 17:53:12

Channel 100:

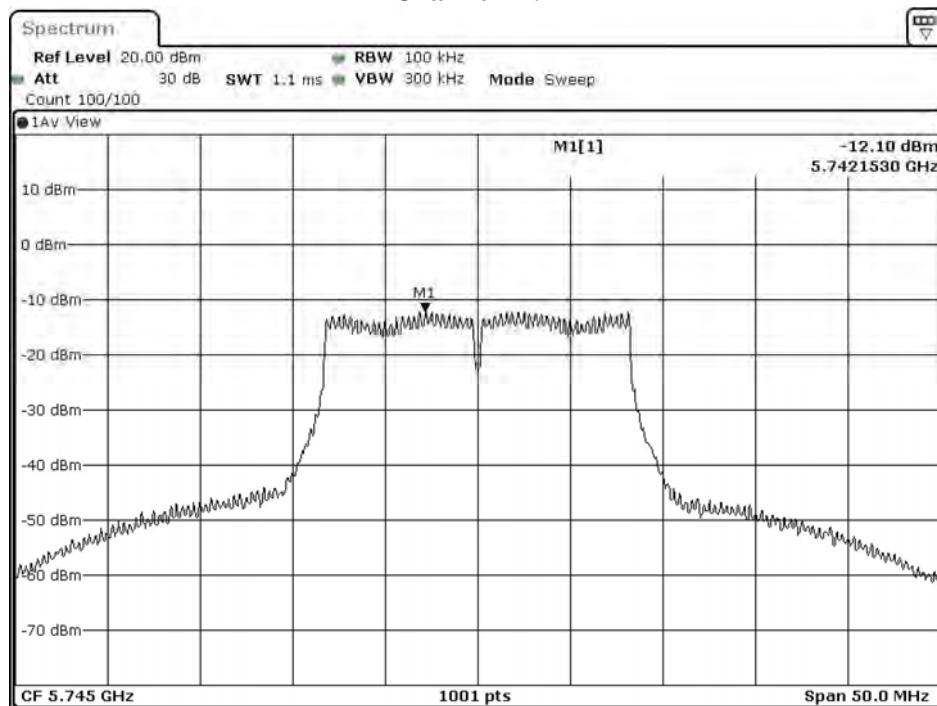
Date: 14.OCT.2020 17:55:31

Channel 116:

Date: 14.OCT.2020 17:58:18

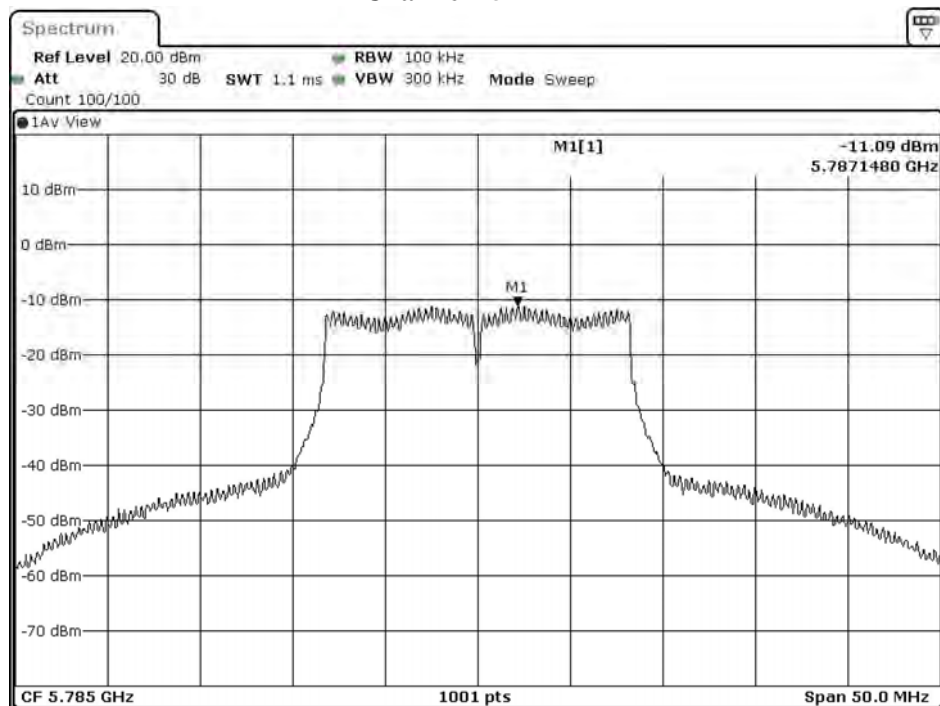
Channel 140:

Date: 14.OCT.2020 18:07:54

Channel 149

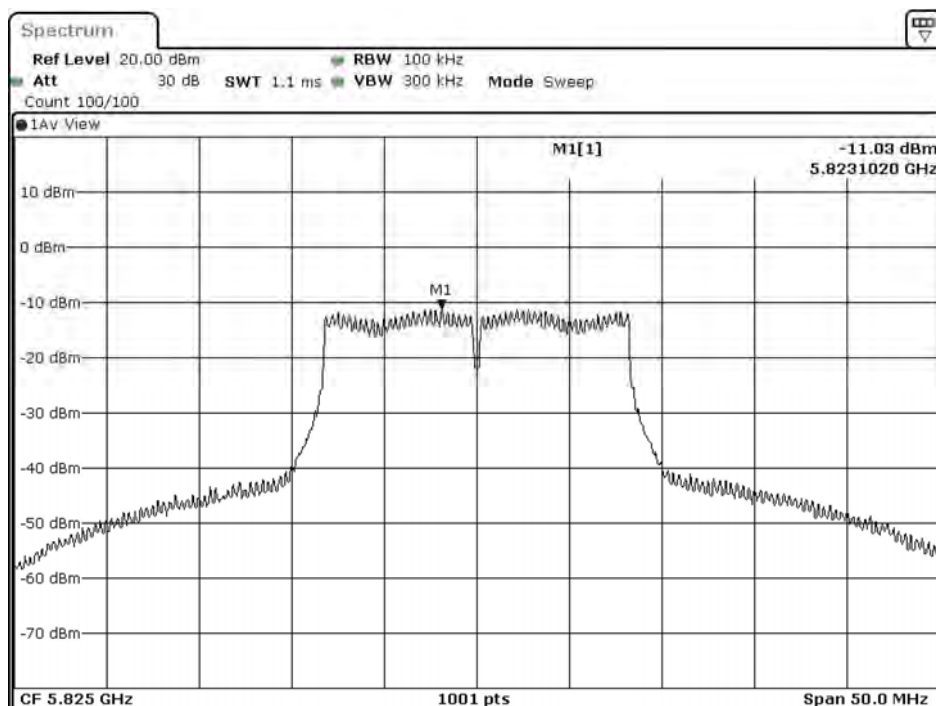
Date: 14.OCT.2020 19:46:22

Channel 157



Date: 14.OCT.2020 19:48:38

Channel 165

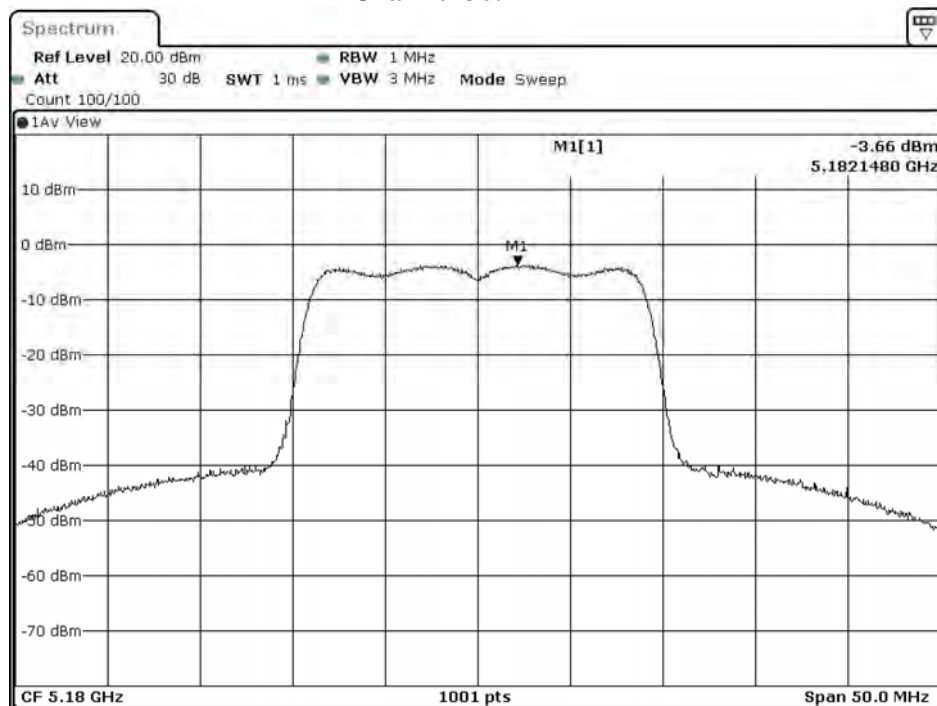


Date: 14.OCT.2020 19:50:39

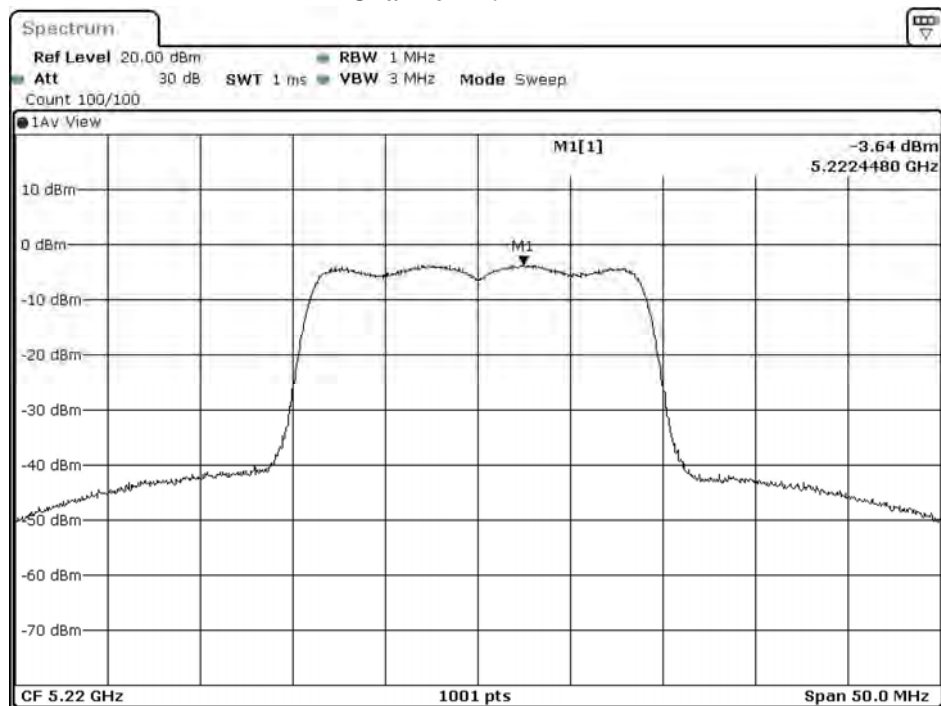
Product : Multimedia device with Bluetooth and WLAN
 Test Item : Peak Power Spectral Density
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps)
 Test Date : 2020/10/14

| Channel Number | Frequency (MHz) | Data Rate (Mbps) | Measurement Level (dBm) | Required Limit (dBm) | Result |
|----------------|-----------------|------------------|-------------------------|----------------------|--------|
| 36 | 5180 | 7.2 | -3.66 | 11 | Pass |
| 44 | 5220 | 7.2 | -3.64 | 11 | Pass |
| 48 | 5240 | 7.2 | -3.53 | 11 | Pass |
| 52 | 5260 | 7.2 | -3.71 | 11 | Pass |
| 60 | 5300 | 7.2 | -3.67 | 11 | Pass |
| 64 | 5320 | 7.2 | -3.13 | 11 | Pass |
| 100 | 5500 | 7.2 | -3.61 | 11 | Pass |
| 116 | 5580 | 7.2 | -3.11 | 11 | Pass |
| 140 | 5700 | 7.2 | -3.59 | 11 | Pass |
| 144 | 5720(Band3) | 6 | -2.650 | 11 | Pass |

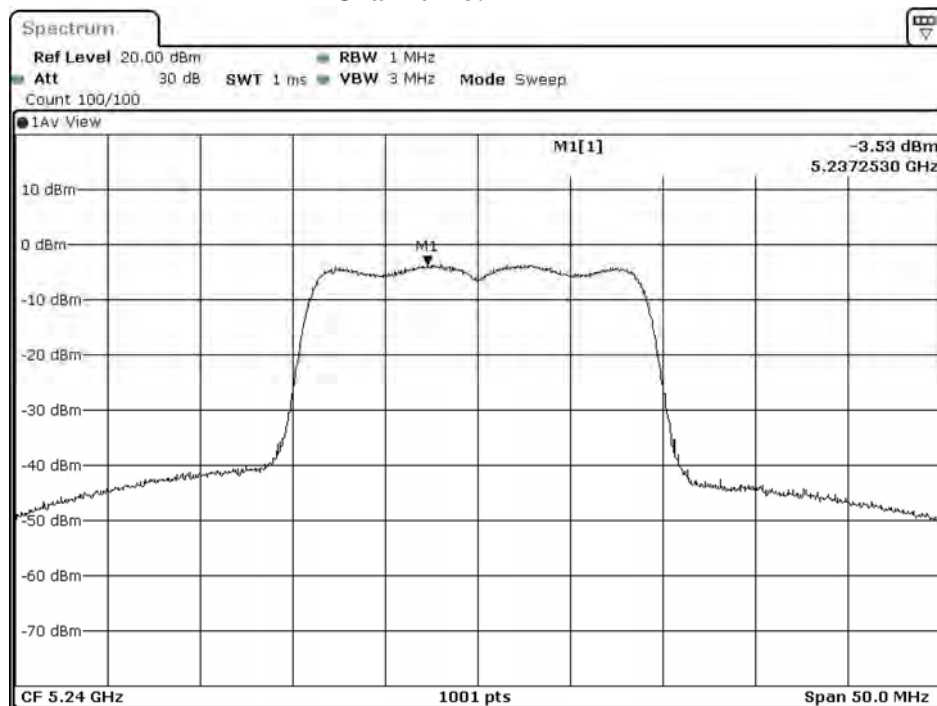
| Channel Number | Frequency (MHz) | Data Rate (Mbps) | PPSD (dBm) | BWCF (dB) | Total PSD (dBm) | Required Limit (dBm) | Result |
|----------------|-----------------|------------------|------------|-----------|-----------------|----------------------|--------|
| 144 | 5720(Band4) | 7.2 | -11.490 | 6.980 | -4.510 | <30 | Pass |
| 149 | 5745 | 7.2 | -12.13 | 6.98 | -5.15 | <30 | Pass |
| 157 | 5785 | 7.2 | -10.89 | 6.98 | -3.91 | <30 | Pass |
| 165 | 5825 | 7.2 | -11.08 | 6.98 | -4.10 | <30 | Pass |

Channel 36:

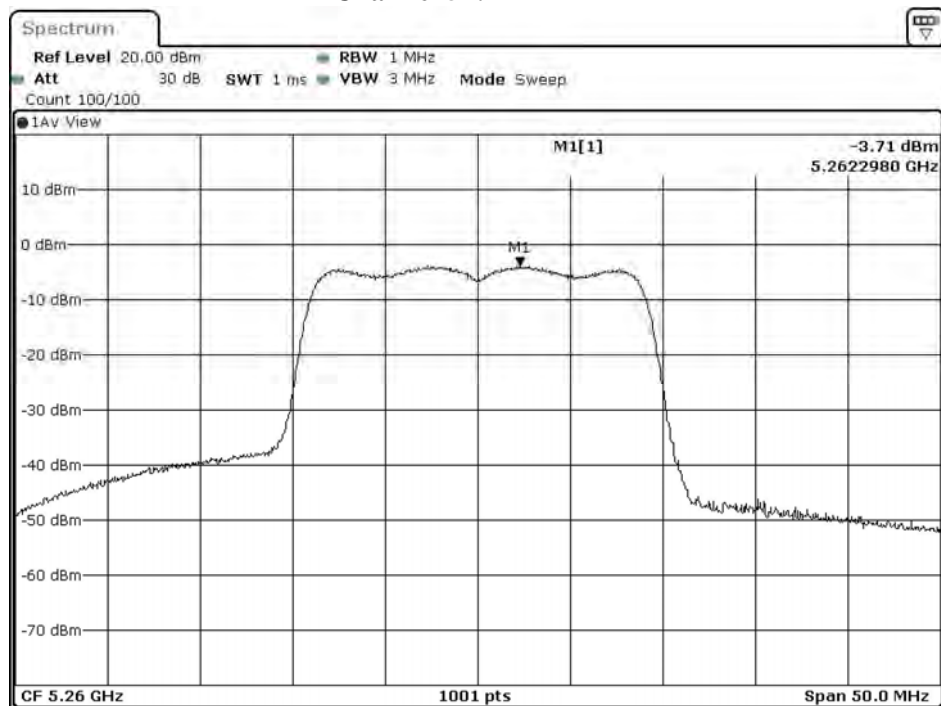
Date: 14.OCT.2020 18:44:30

Channel 44:

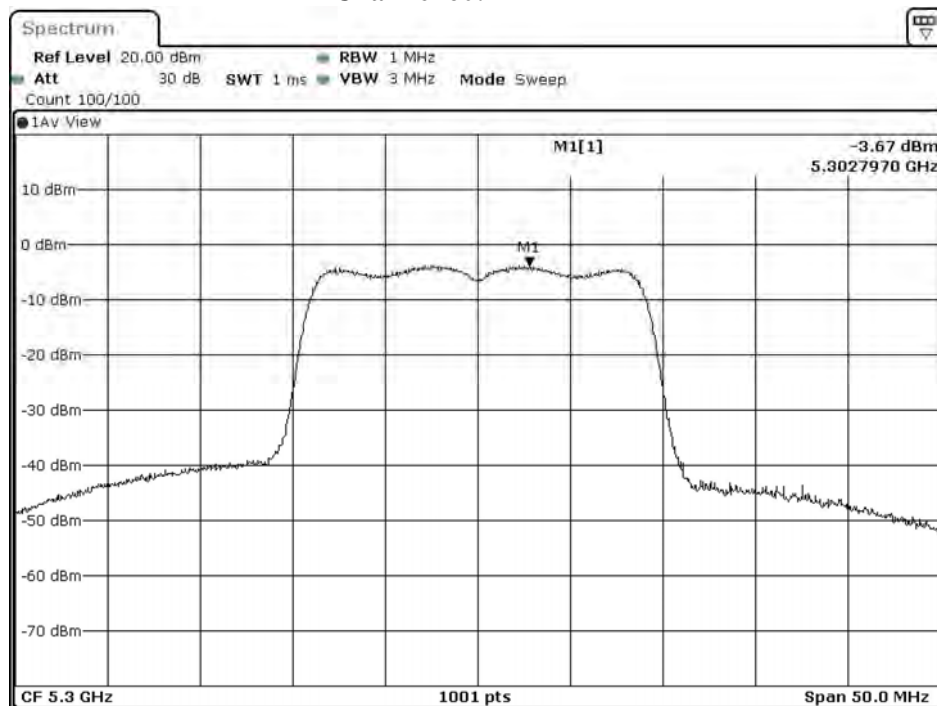
Date: 14.OCT.2020 18:56:15

Channel 48:

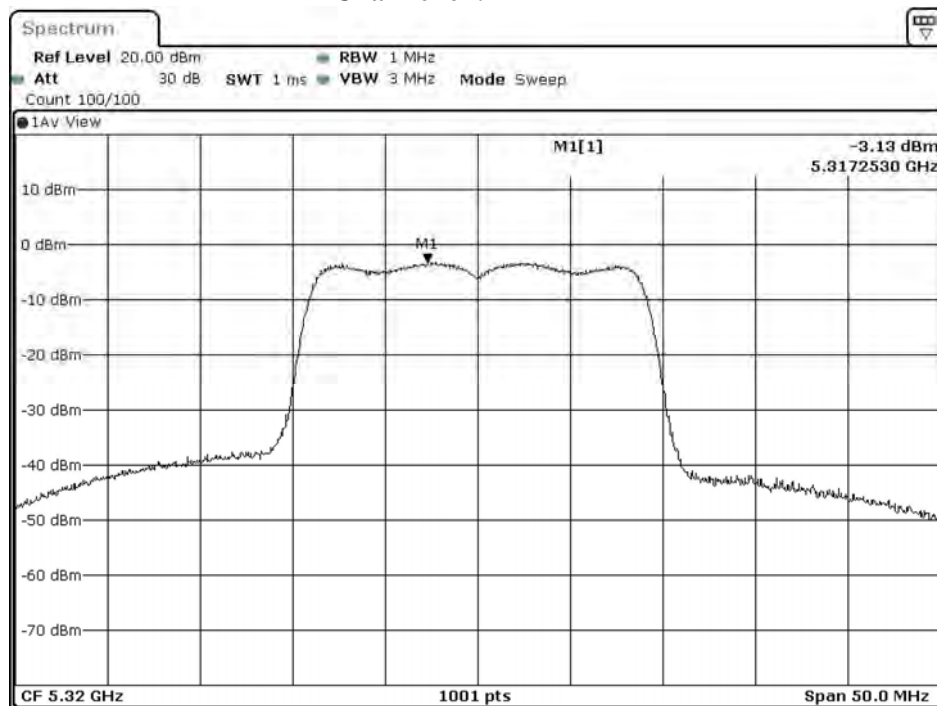
Date: 14.OCT.2020 18:59:13

Channel 52:

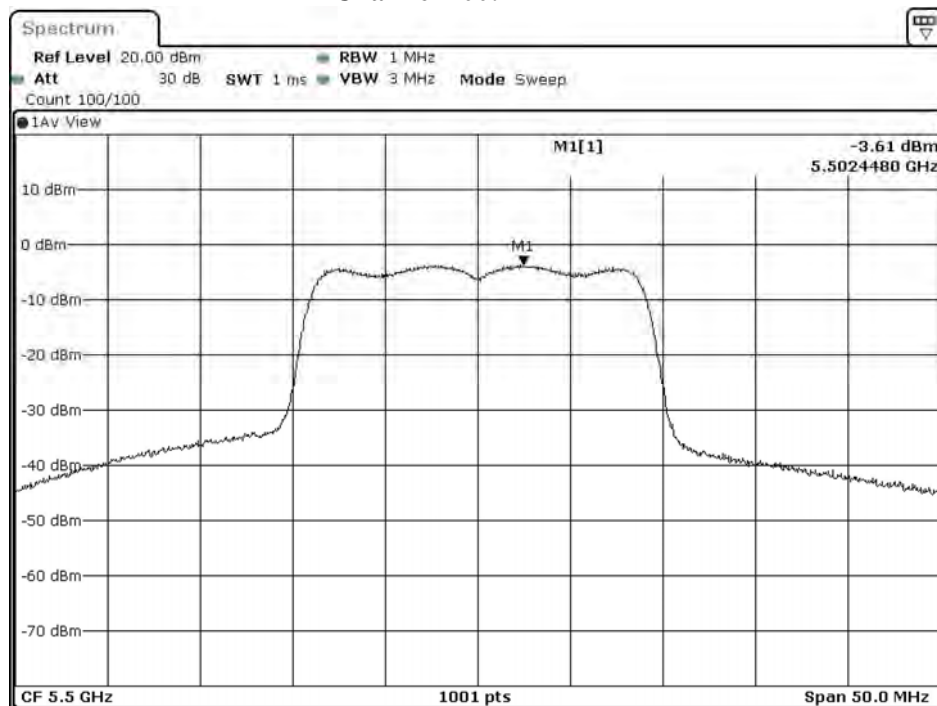
Date: 14.OCT.2020 19:01:35

Channel 60:

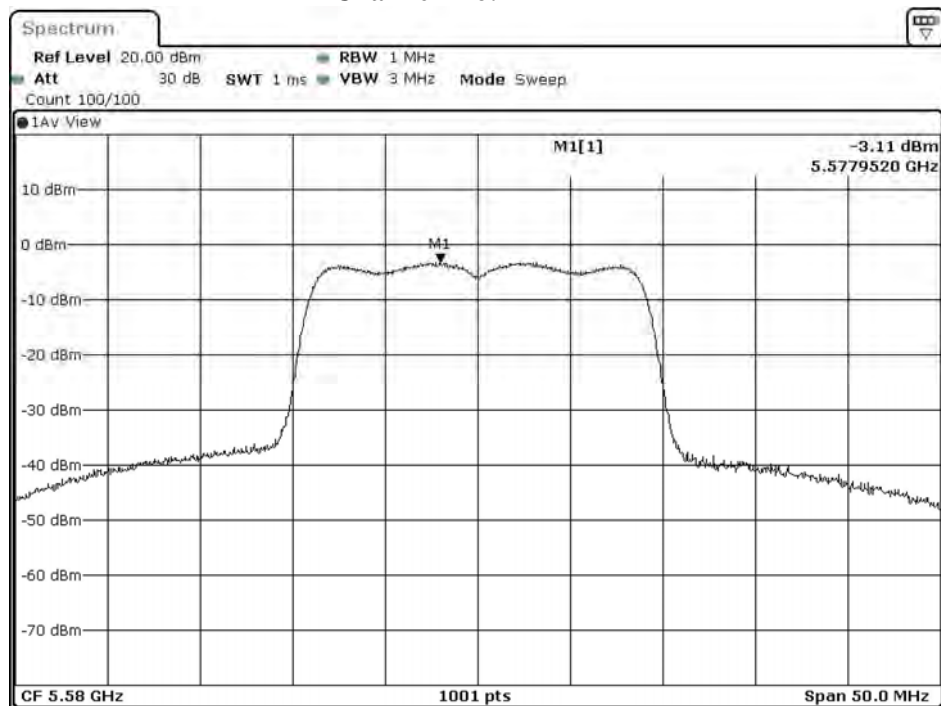
Date: 14.OCT.2020 19:03:55

Channel 64:

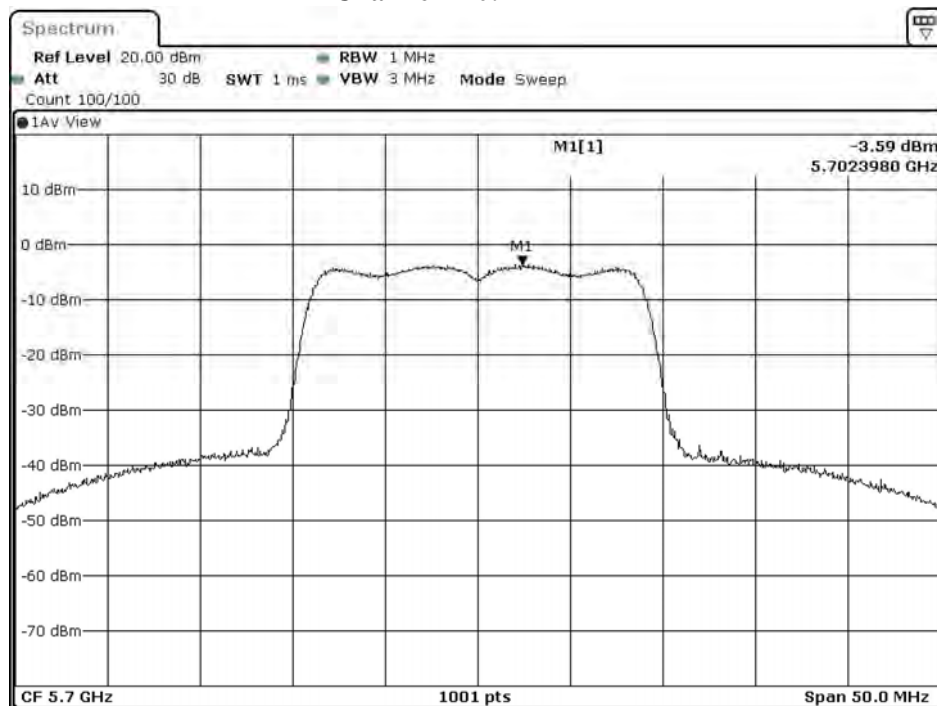
Date: 14.OCT.2020 19:07:12

Channel 100:

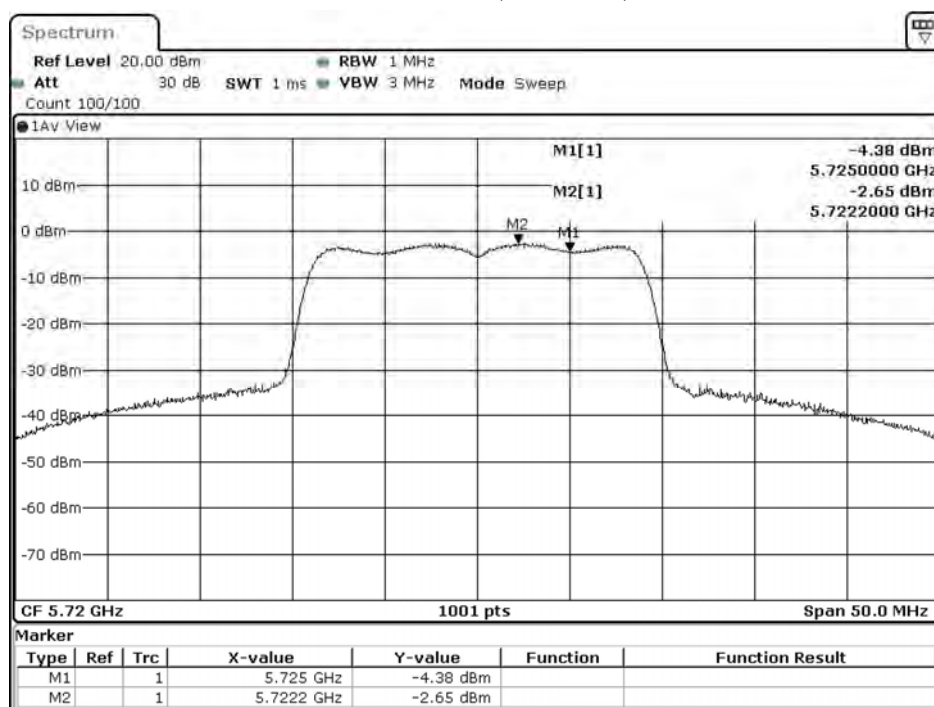
Date: 14.OCT.2020 19:13:46

Channel 116:

Date: 14.OCT.2020 19:16:23

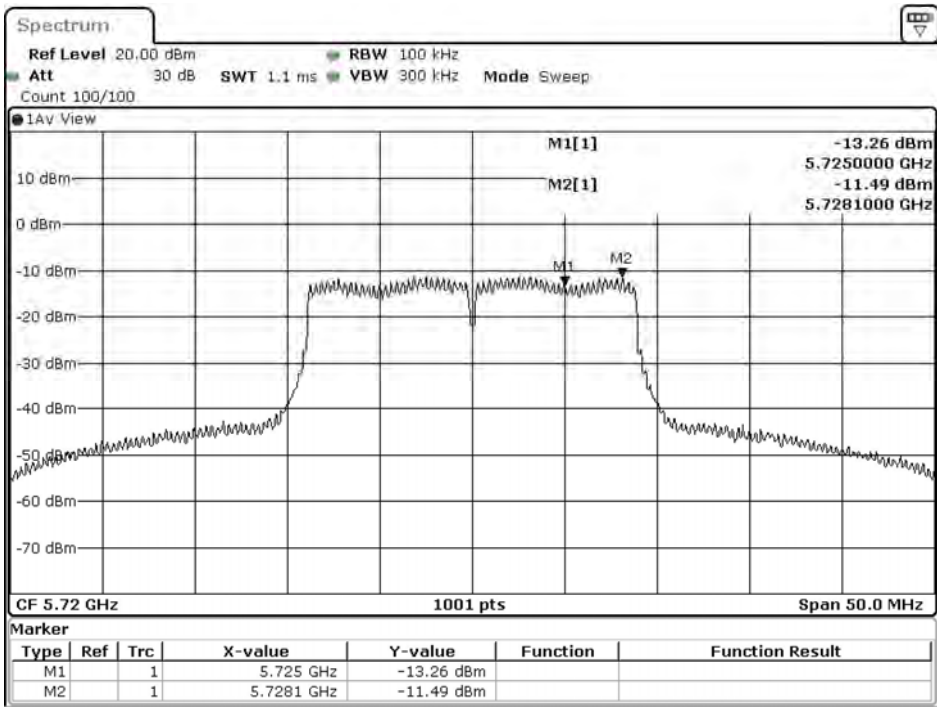
Channel 140:

Date: 14.OCT.2020 19:18:48

Channel 144 (U-NII-2C)

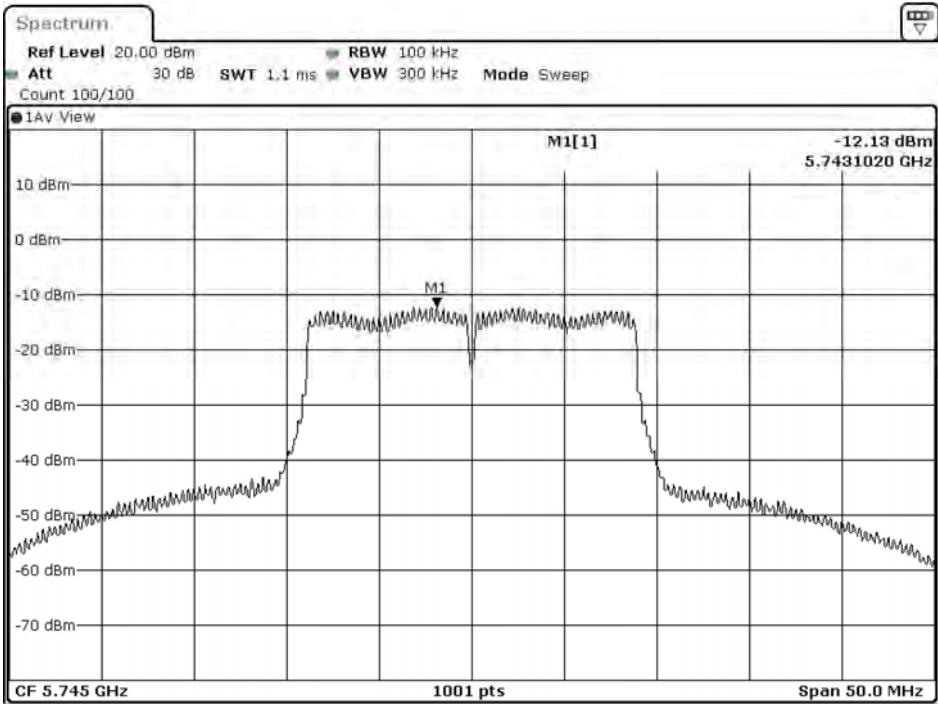
Date: 14.OCT.2020 18:12:37

Channel 144 (U-NII-3)



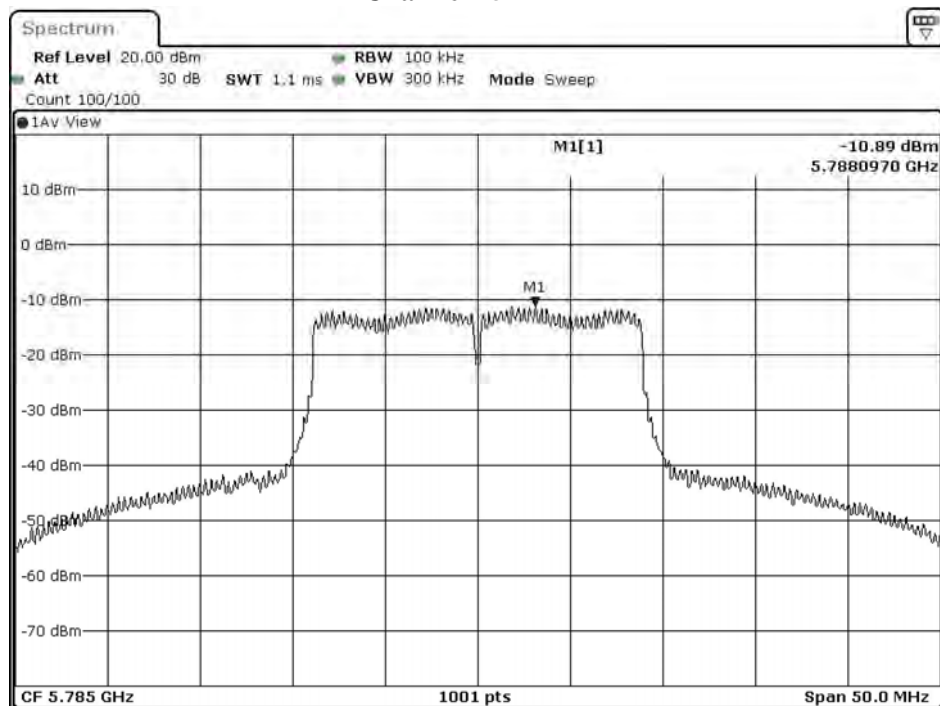
Date: 14.OCT.2020 18:12:59

Channel 149



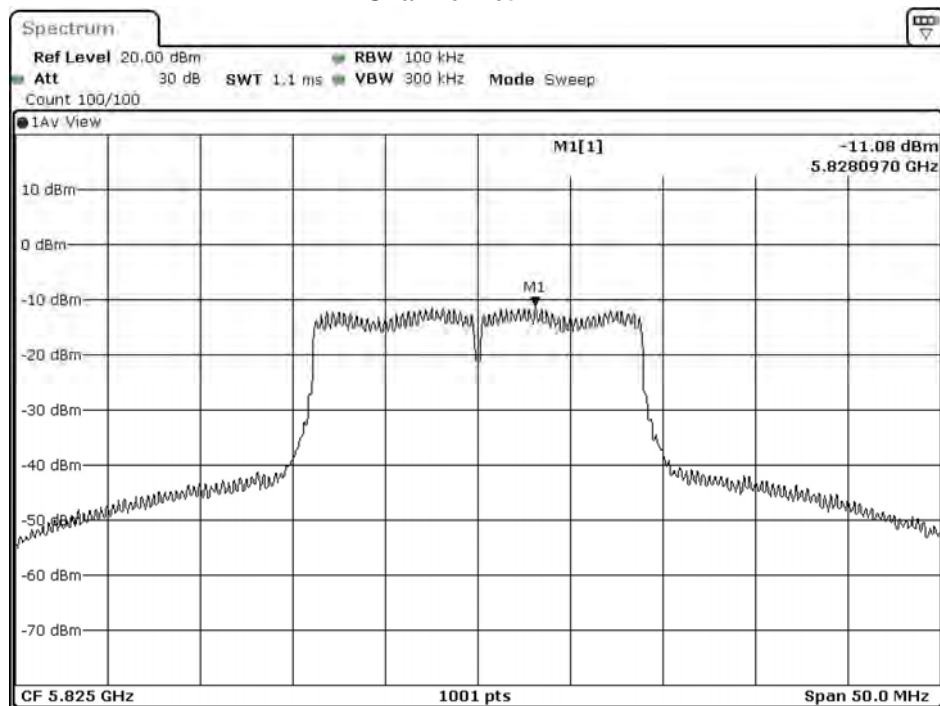
Date: 14.OCT.2020 19:58:33

Channel 157



Date: 14.OCT.2020 20:04:06

Channel 165



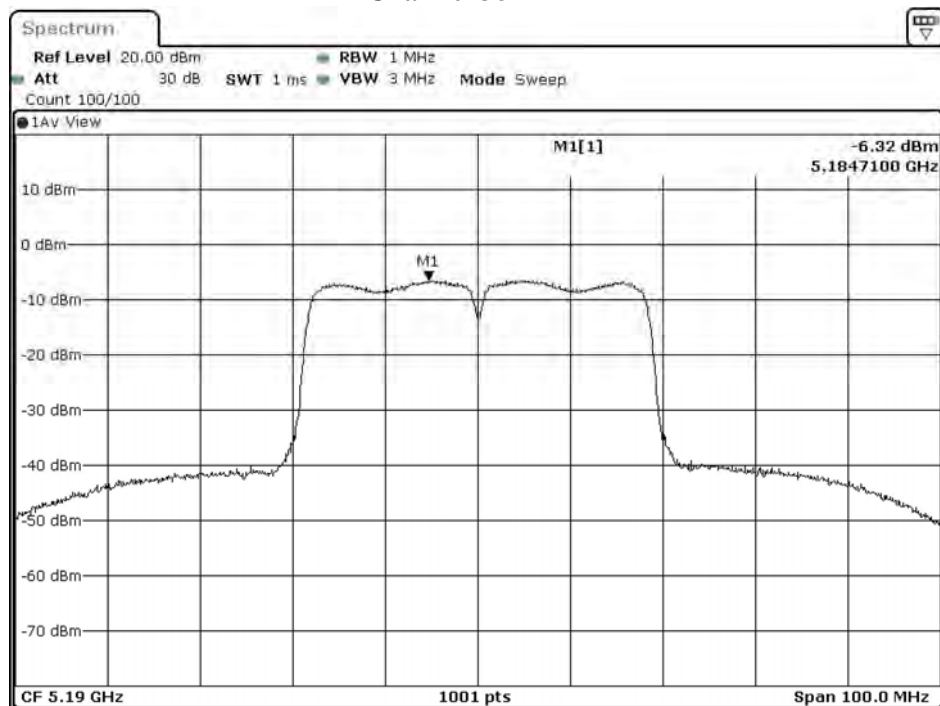
Date: 14.OCT.2020 20:06:18

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Peak Power Spectral Density
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps)
 Test Date : 2020/10/14

| Channel Number | Frequency (MHz) | Data Rate (Mbps) | Measurement Level (dBm) | Required Limit (dBm) | Result |
|----------------|-----------------|------------------|-------------------------|----------------------|--------|
| 38 | 5190 | 15 | -6.32 | 11 | Pass |
| 46 | 5230 | 15 | -6.59 | 11 | Pass |
| 54 | 5270 | 15 | -6.92 | 11 | Pass |
| 62 | 5310 | 15 | -6.80 | 11 | Pass |
| 102 | 5510 | 15 | -7.39 | 11 | Pass |
| 110 | 5550 | 15 | -7.83 | 11 | Pass |
| 134 | 5670 | 15 | -8.38 | 11 | Pass |
| 142 | 5710(Band3) | 15 | -6.590 | 11 | Pass |

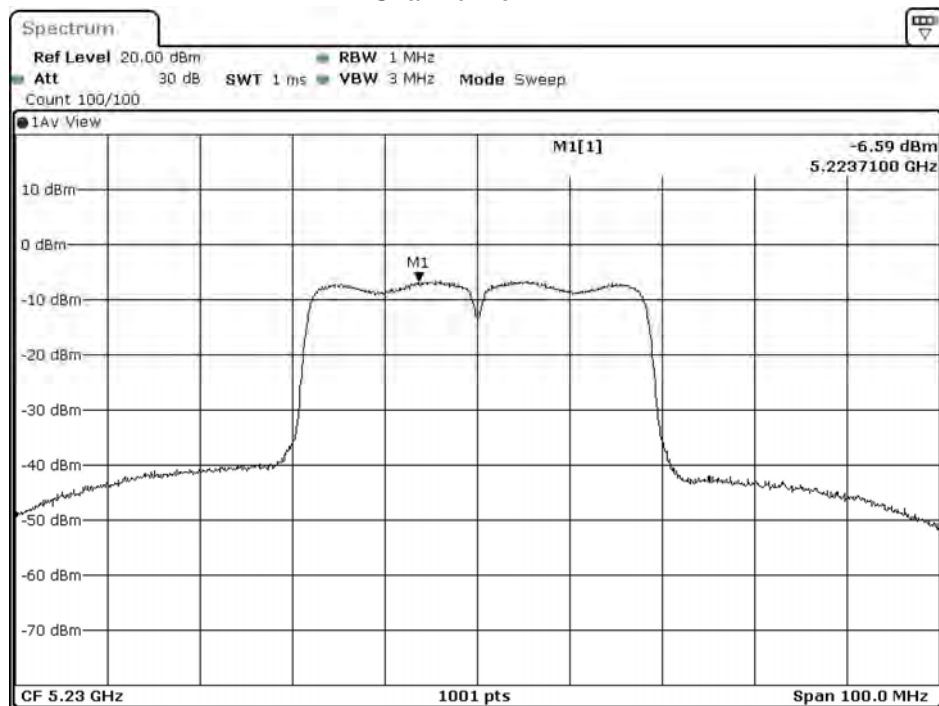
| Channel Number | Frequency (MHz) | Data Rate (Mbps) | PPSD (dBm) | BWCF (dB) | Total PSD (dBm) | Required Limit (dBm) | Result |
|----------------|-----------------|------------------|------------|-----------|-----------------|----------------------|--------|
| 142 | 5710(Band4) | 15 | -15.600 | 6.980 | -8.620 | <30 | Pass |
| 151 | 5755 | 15 | -17.02 | 6.98 | -10.04 | <30 | Pass |
| 159 | 5795 | 15 | -17.44 | 6.98 | -10.46 | <30 | Pass |

Channel 38



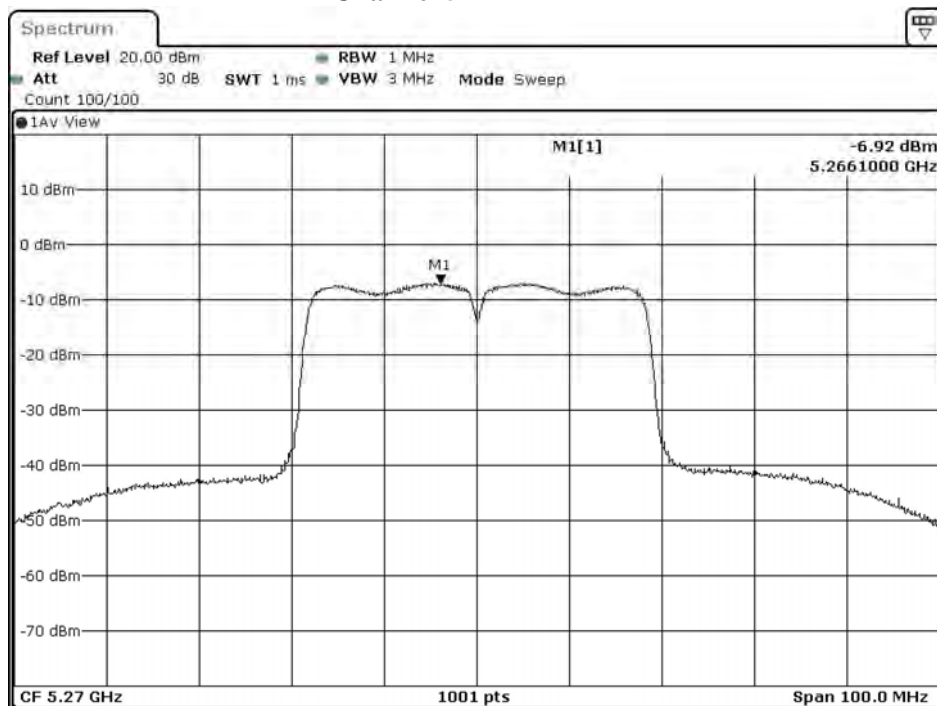
Date: 14.OCT.2020 19:27:02

Channel 46



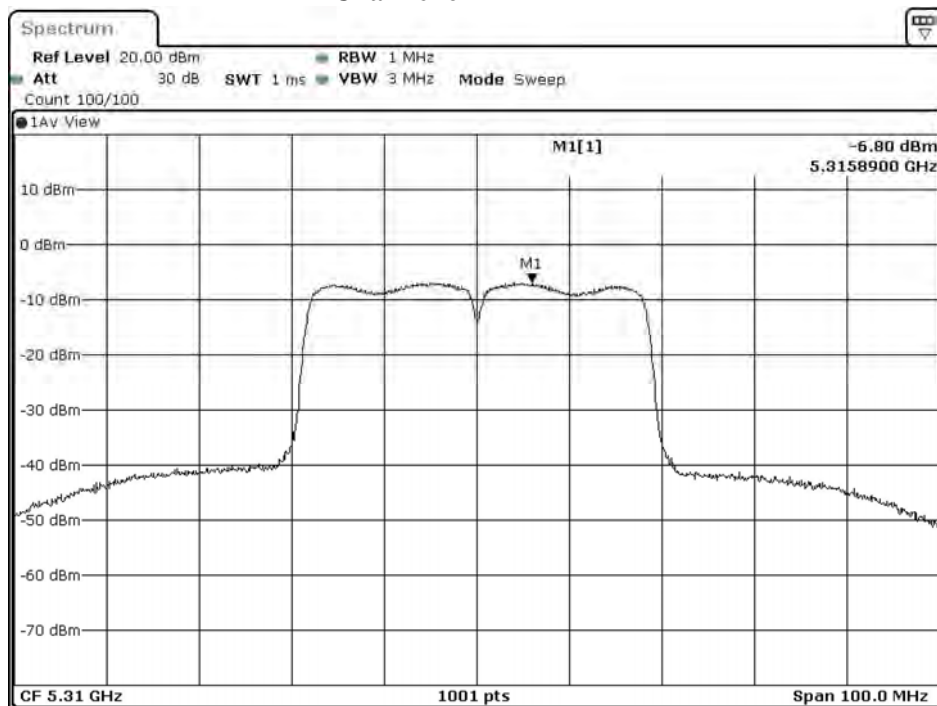
Date: 14.OCT.2020 19:29:50

Channel 54



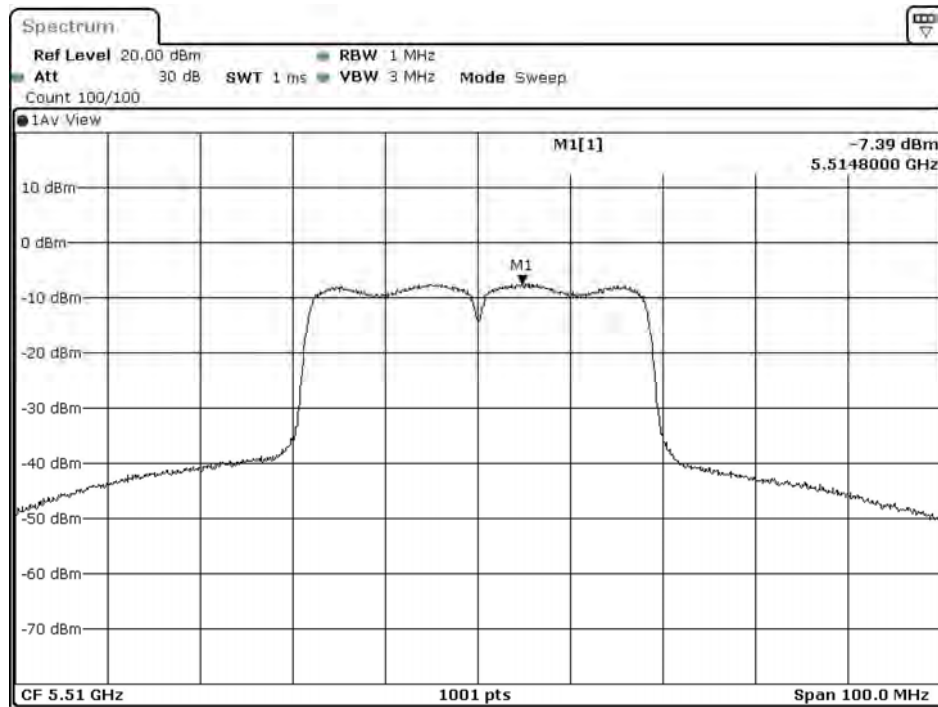
Date: 14.OCT.2020 19:32:27

Channel 62



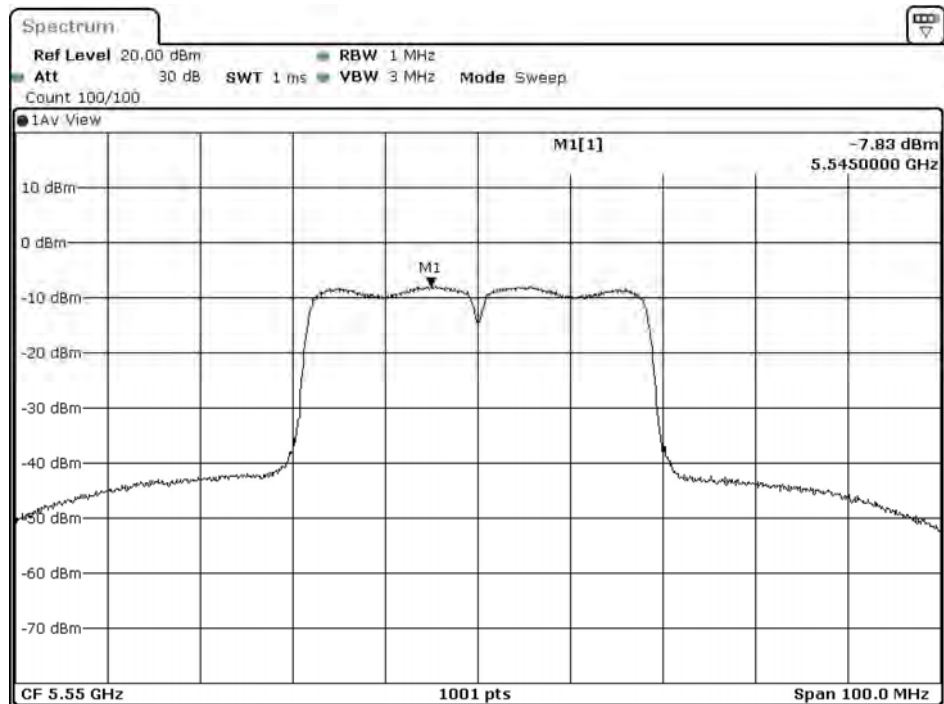
Date: 14.OCT.2020 19:35:04

Channel 102



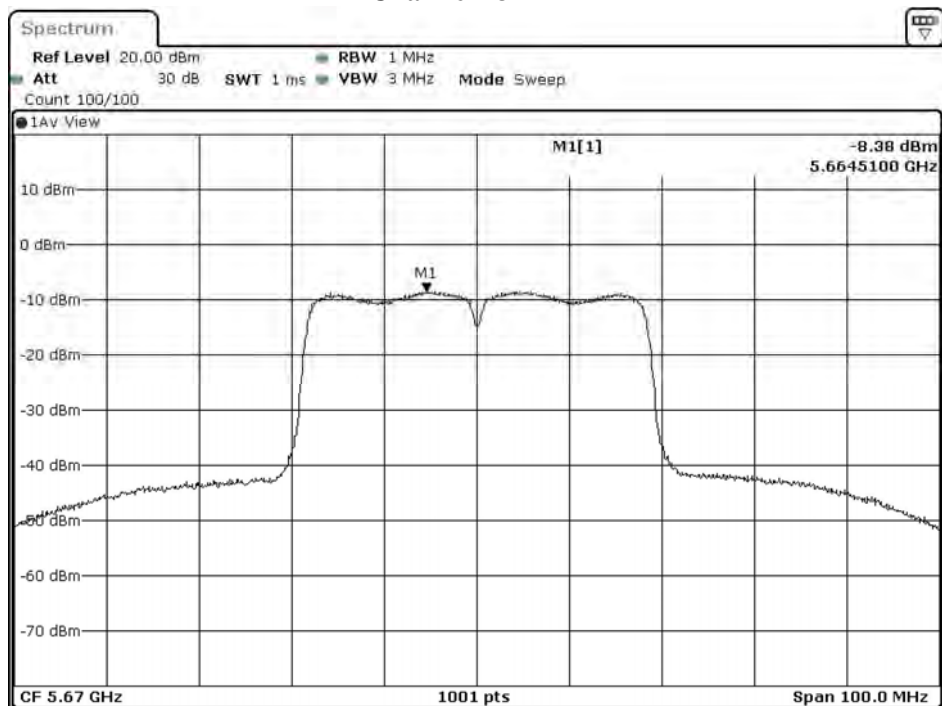
Date: 14.OCT.2020 19:37:23

Channel 110



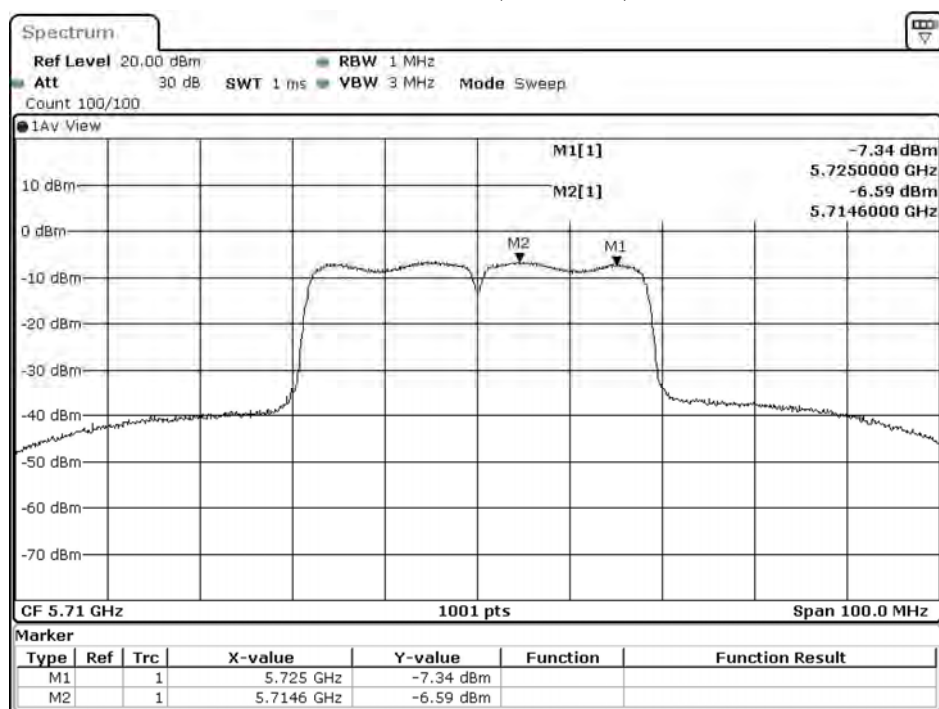
Date: 14.OCT.2020 19:39:44

Channel 134



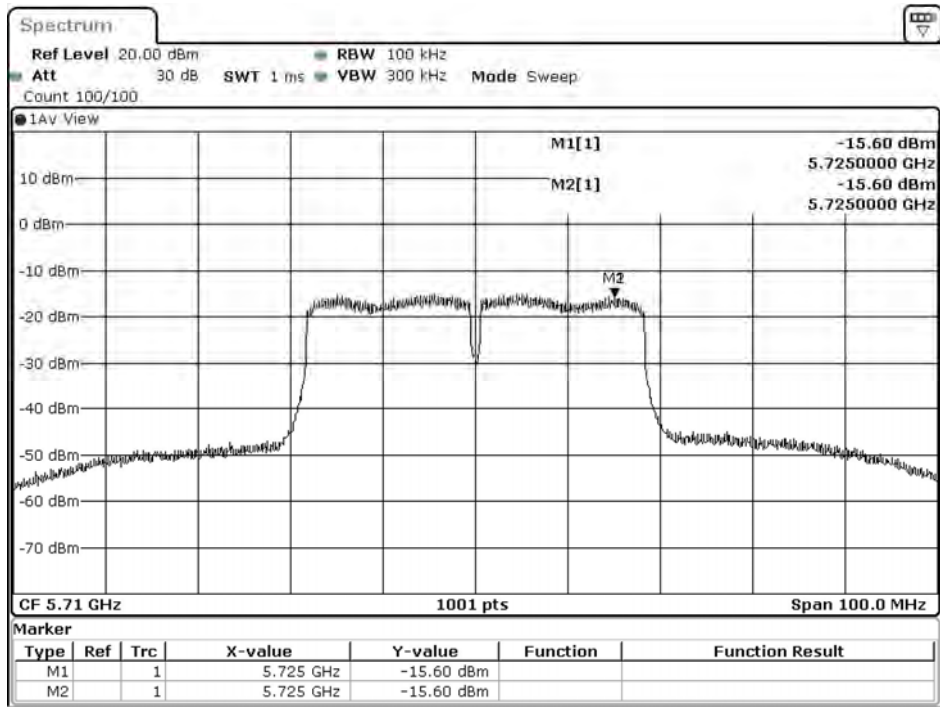
Date: 14.OCT.2020 19:43:17

Channel 142 (U-NII-2C)



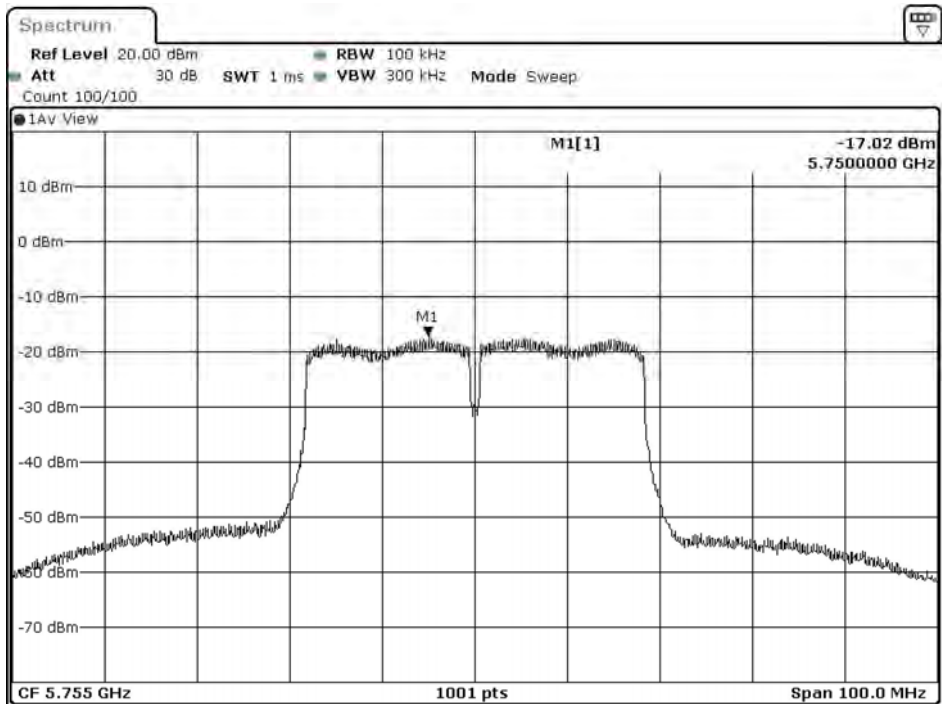
Date: 14.OCT.2020 20:22:30

Channel 142 (U-NII-3)



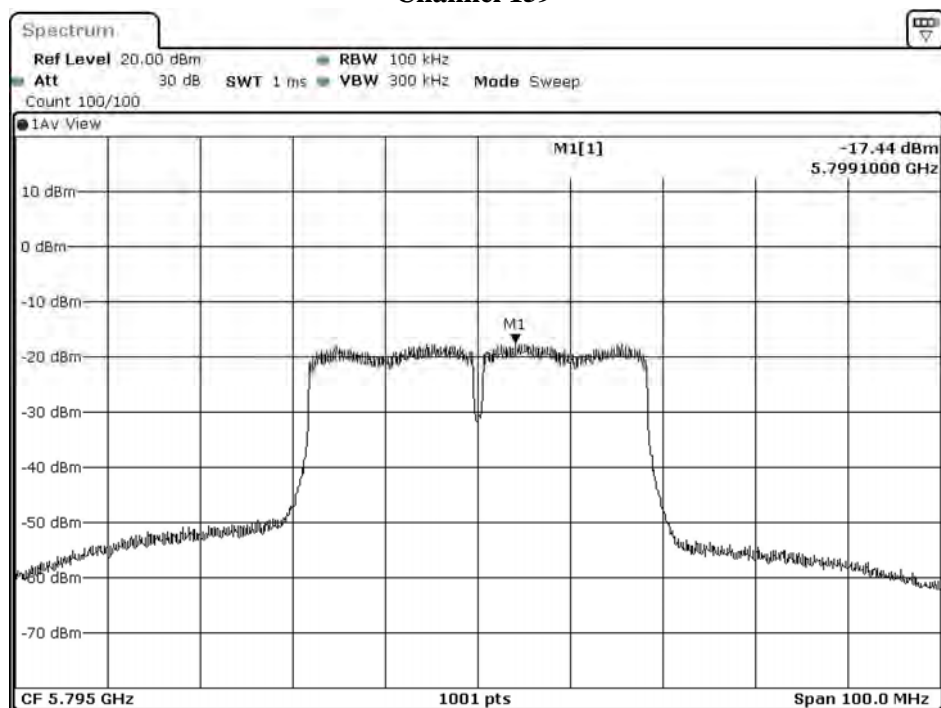
Date: 14.OCT.2020 20:22:51

Channel 151



Date: 14.OCT.2020 20:08:30

Channel 159

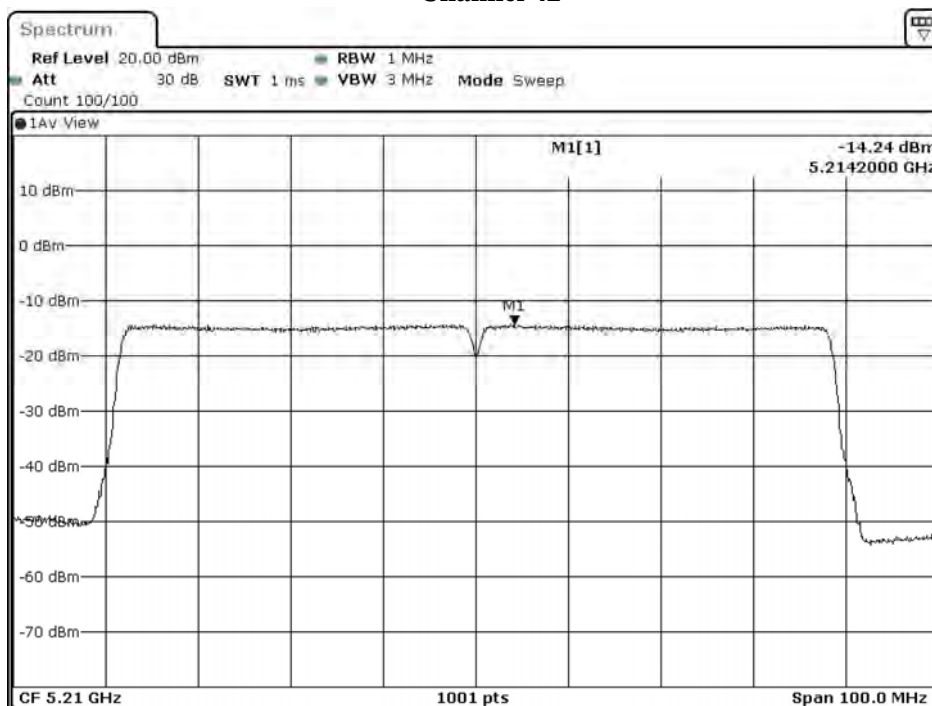


Date: 14.OCT.2020 20:10:50

Product : Multimedia device with Bluetooth and WLAN
Test Item : Peak Power Spectral Density
Test Mode : Mode 4: Transmit (802.11ac-80BW 36Mbps)
Test Date : 2020/10/14

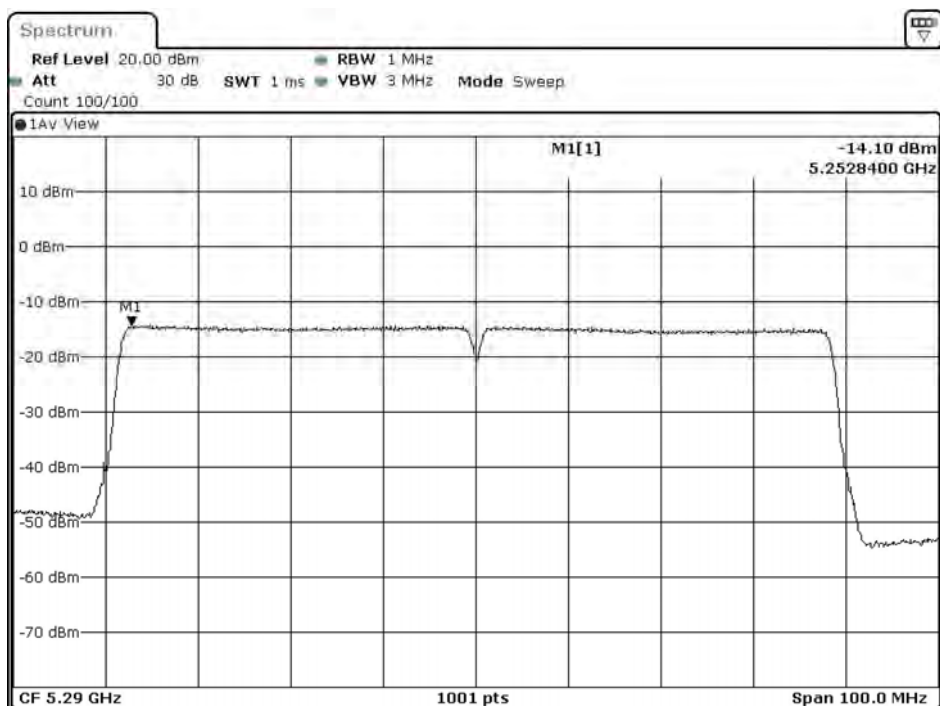
| Channel Number | Frequency (MHz) | PPSD (dBm) | BWCF (dB) | Total PSD (dBm) | Result |
|----------------|-----------------|------------|-----------|-----------------|--------|
| 42 | 5210 | -14.24 | -- | -14.24 | <11 |
| 58 | 5290 | -14.10 | -- | -14.10 | <11 |
| 106 | 5530 | -15.11 | -- | -15.11 | <11 |
| 122 | 5610 | -16.23 | -- | -16.23 | <11 |
| 138(U-NII-2C) | 5690 | -15.24 | -- | -15.24 | <11 |
| 138(U-NII-3) | 5690 | -24.70 | 6.98 | -24.70 | <30 |
| 155 | 5775 | -24.69 | 6.98 | -24.69 | <30 |

Channel 42



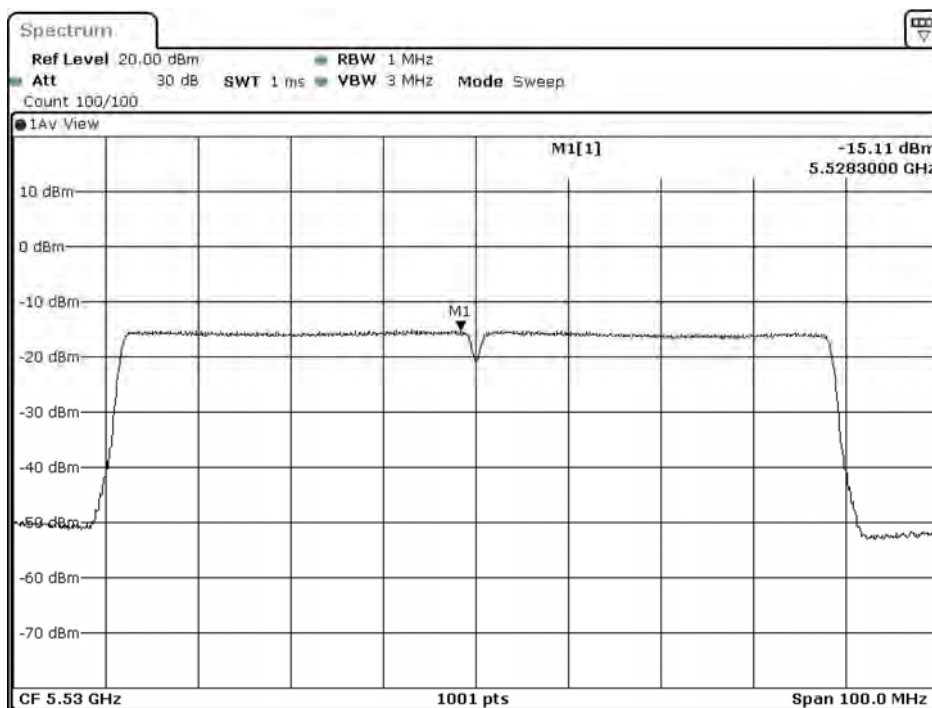
Date: 14.OCT.2020 18:23:21

Channel 58



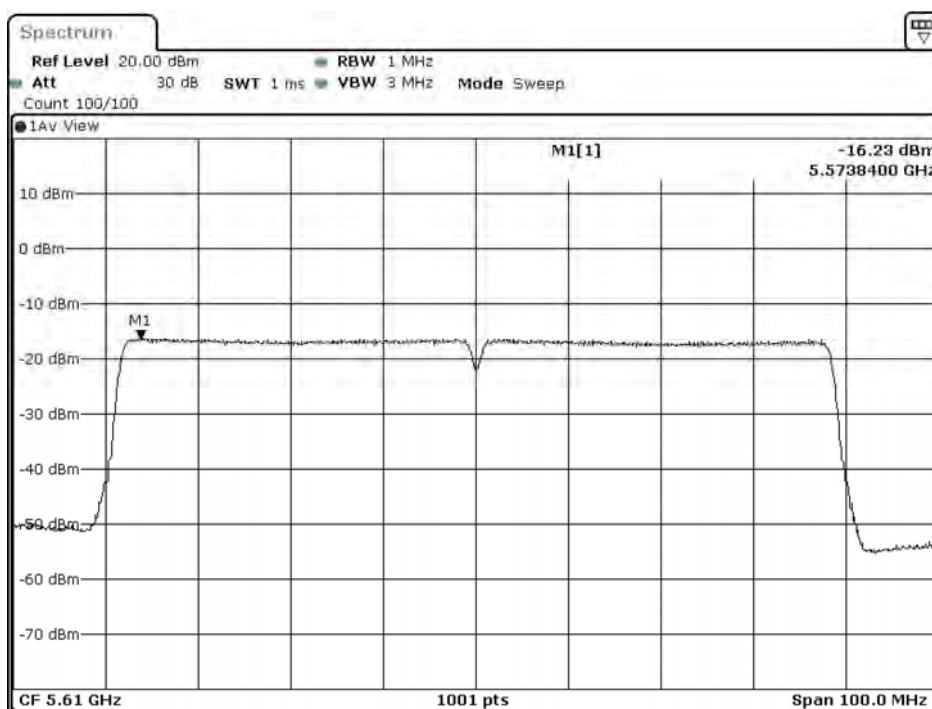
Date: 14.OCT.2020 18:28:33

Channel 106



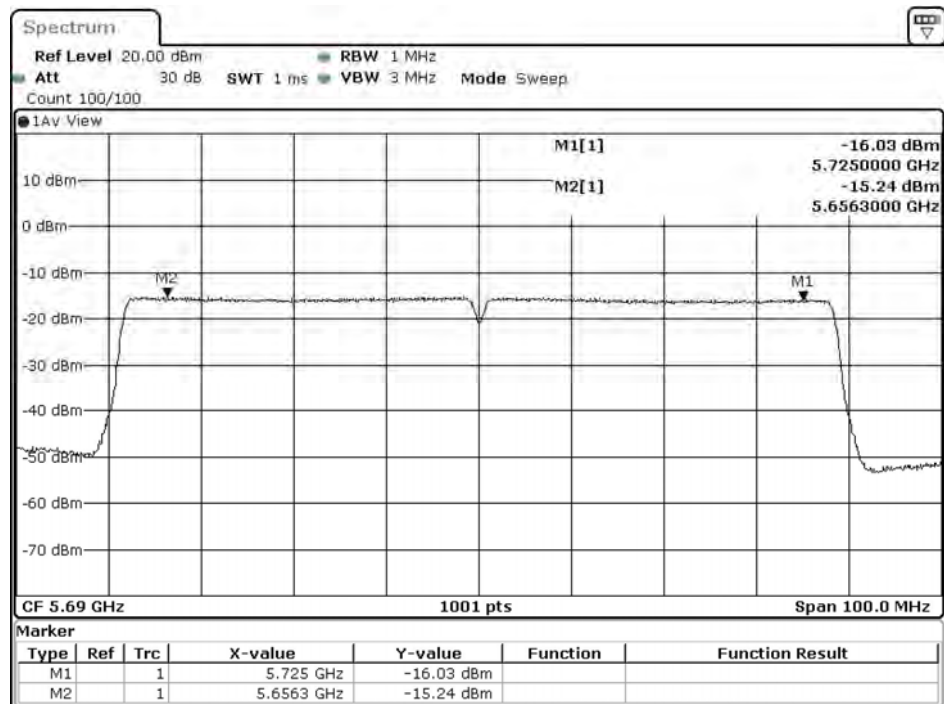
Date: 14.OCT.2020 18:31:42

Channel 122



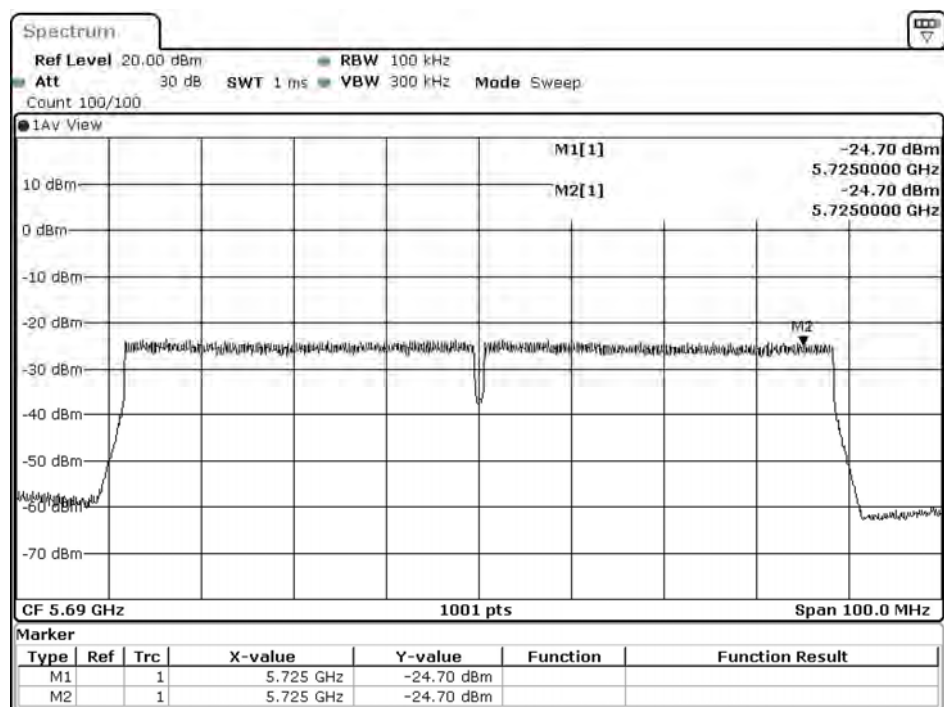
Date: 14.OCT.2020 18:38:18

Channel 138 (U-NII-2C)



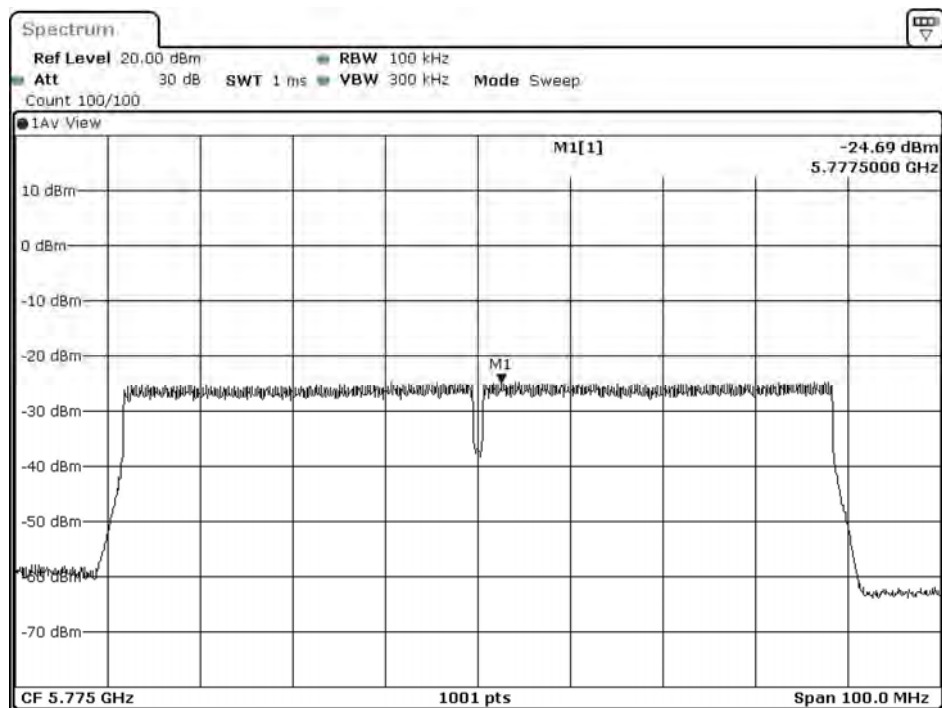
Date: 14.OCT.2020 18:41:03

Channel 138 (U-NII-3)



Date: 14.OCT.2020 18:41:24

Channel 155

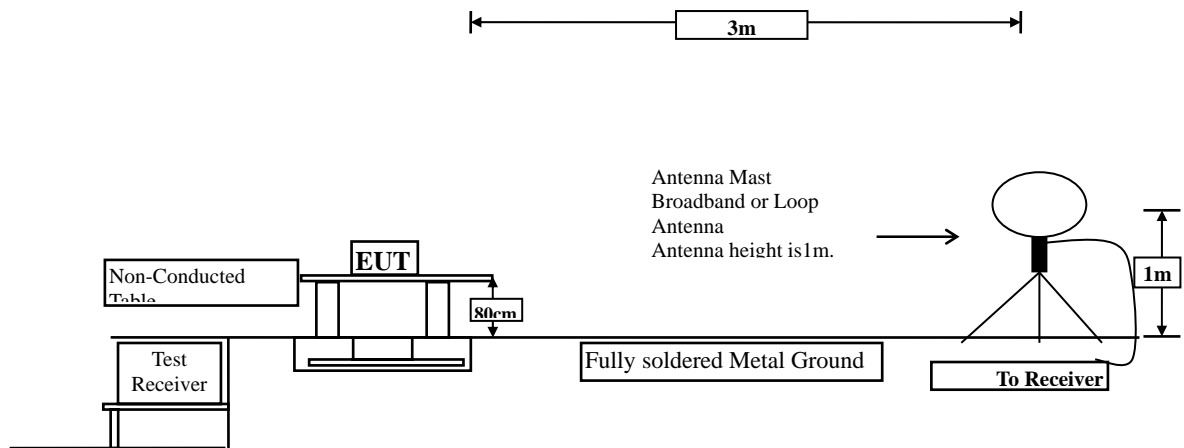


Date: 14.OCT.2020 19:53:06

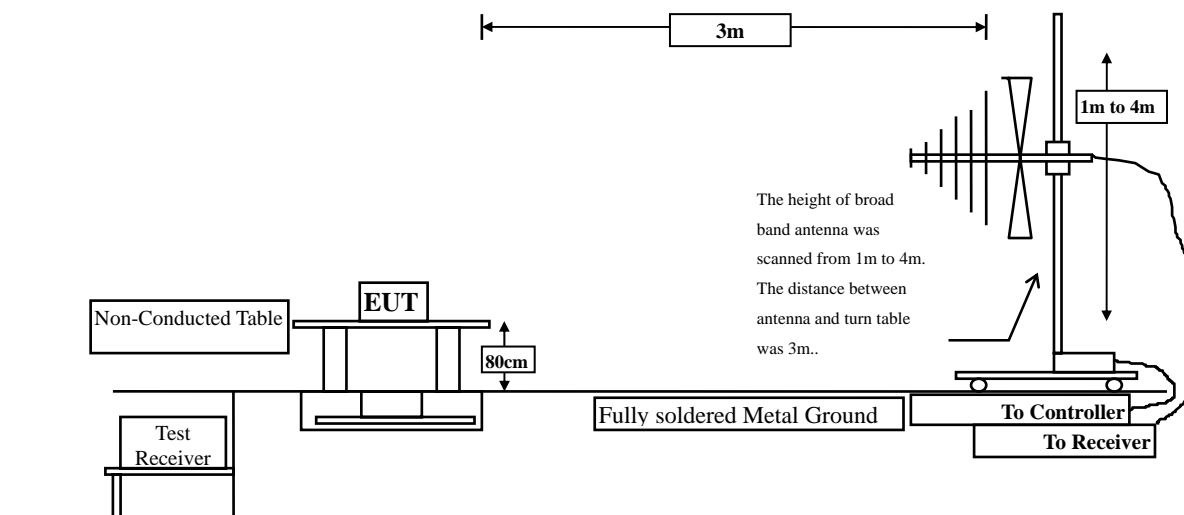
5. Radiated Emission

5.1. Test Setup

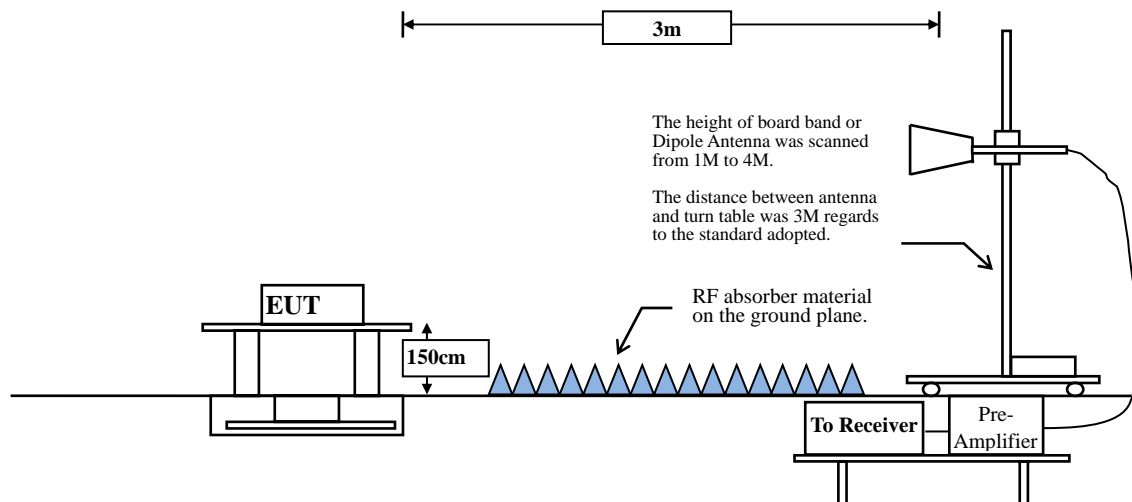
Radiated Emission Under 30MHz



Radiated Emission Below 1GHz



Radiated Emission Above 1GHz



5.2. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

| FCC Part 15 Subpart C Paragraph 15.209(a) Limits | | |
|---|--------------------------------------|---------------------------------|
| Frequency MHz | Field strength (microvolts/meter) | Measurement distance (meter) |
| 0.009-0.490 | 2400/F(kHz) | 300 |
| 0.490-1.705 | 24000/F(kHz) | 30 |
| 1.705-30 | 30 | 30 |
| 30-88 | 100 | 3 |
| 88-216 | 150 | 3 |
| 216-960 | 200 | 3 |
| Above 960 | 500 | 3 |

Remarks: E field strength (dB μ V/m) = 20 log E field strength (uV/m)

5.3. Test Procedure

The EUT was setup according to ANSI C63.10, 2013 and tested according to FCC KDB-789033 test procedure for compliance to FCC 47CFR 15. 407 requirements.

Measuring the frequency range below 1GHz, the EUT is placed on a turn table which is 0.8 meter above ground, when measuring the frequency range above 1GHz, the EUT is placed on a turn table which is 1.5 meter above ground.

The turn table is rotated 360 degrees to determine the position of the maximum emission level.

The EUT was positioned such that the distance from antenna to the EUT was 3 meters.

The antenna is scanned between 1 meter and 4 meters to find out the maximum emission level. This is repeated for both horizontal and vertical polarization of the antenna. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10: 2013 on radiated measurement.

The resolution bandwidth below 30MHz setting on the field strength meter is 9kHz and 30MHz~1GHz is 120kHz and above 1GHz is 1MHz.

Radiated emission measurements below 30MHz are made using Loop Antenna and 30MHz~1GHz are made using broadband Bilog antenna and above 1GHz are made using Horn Antennas.

The measurement is divided into the Preliminary Measurement and the Final Measurement.

The suspected frequencies are searched for in Preliminary Measurement with the measurement antenna kept pointed at the source of the emission both in azimuth and elevation, with the polarization of the antenna oriented for maximum response. The antenna is pointed at an angle towards the source of the emission, and the EUT is rotated in both height and polarization to maximize the measured emission. The emission is kept within the illumination area of the 3 dB bandwidth of the antenna. The measurement frequency range from 9kHz - 10th Harmonic of fundamental was investigated.

RBW and VBW Parameter setting:

According to KDB 789033 section II.G.5 Procedure for Unwanted Maximum Emissions
Measurements above 1000 MHz.

RBW = 1MHz.

VBW \geq 3MHz.

According to KDB 789033 section II.G.6 Procedures for Average Unwanted Emissions
Measurements above 1000 MHz.

RBW = 1MHz.

VBW = 10Hz, when duty cycle \geq 98 %

VBW \geq 1/T, when duty cycle < 98 %

(T refers to 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.)

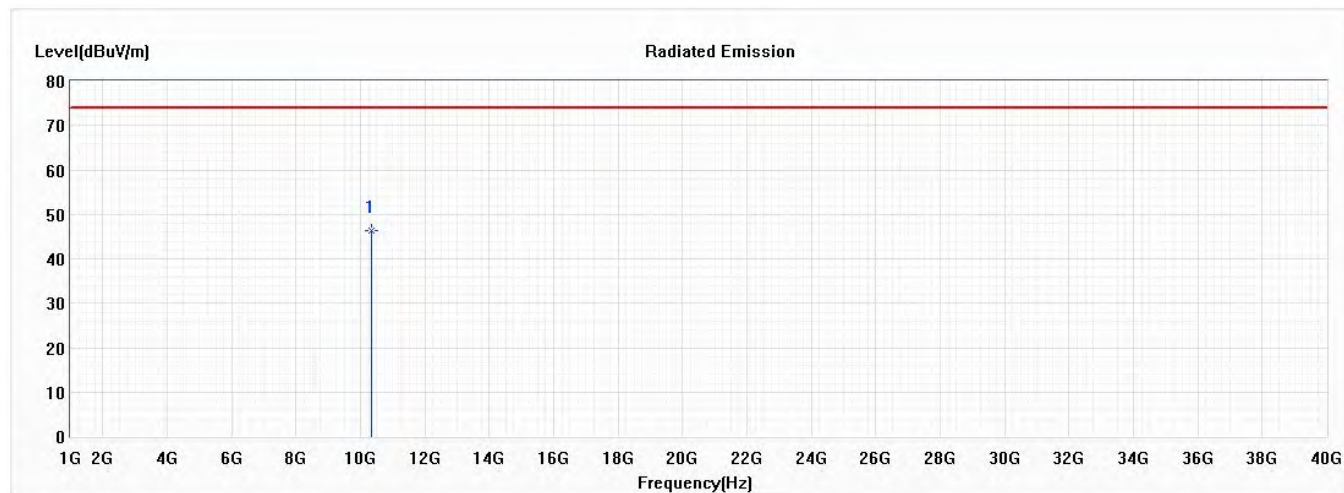
| 5GHz band | Duty Cycle (%) | T (ms) | 1/T (Hz) | VBW (Hz) |
|------------|----------------|--------|----------|----------|
| 802.11a | 100.00 | -- | -- | 10 |
| 802.11n20 | 100.00 | -- | -- | 10 |
| 802.11n40 | 100.00 | -- | -- | 10 |
| 802.11ac80 | 100.00 | -- | -- | 10 |

Note: Duty Cycle Refer to Section 8

5.4. Test Result of Radiated Emission

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5180MHz)
 Test Date : 2020/10/19

Horizontal



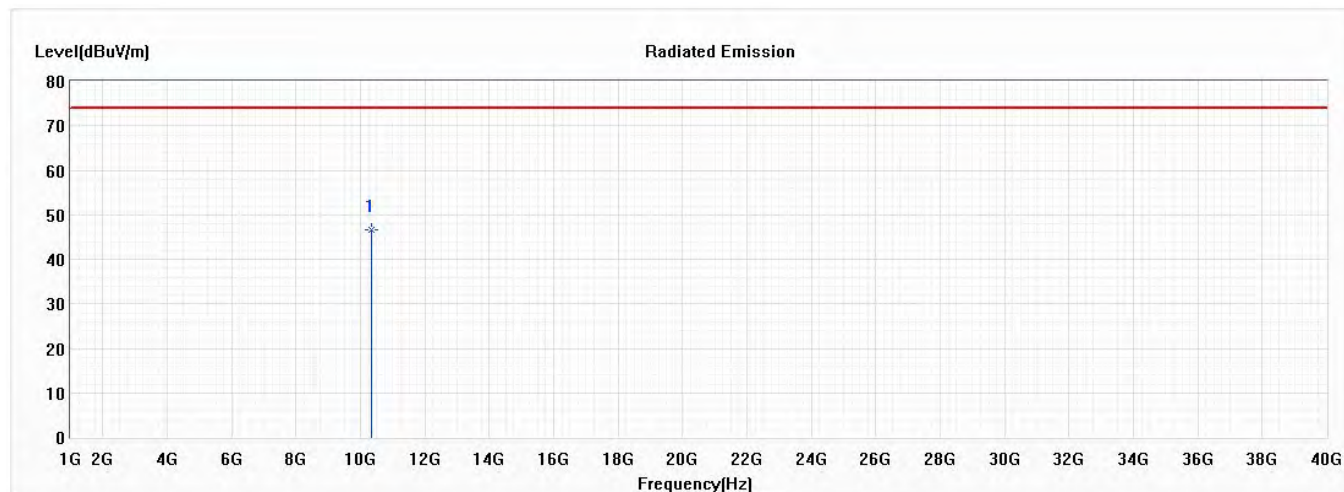
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10360.000 | 46.45 | 74.00 | -27.55 | 43.67 | 2.78 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5180MHz)
 Test Date : 2020/10/19

Vertical



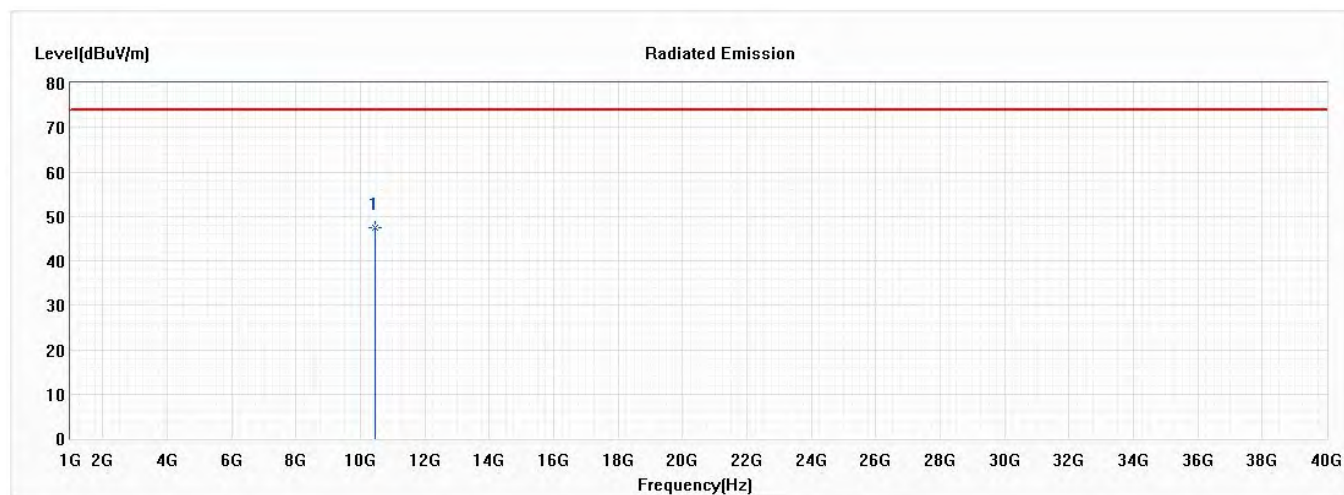
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10360.000 | 46.64 | 74.00 | -27.36 | 43.86 | 2.78 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5220MHz)
 Test Date : 2020/10/19

Horizontal



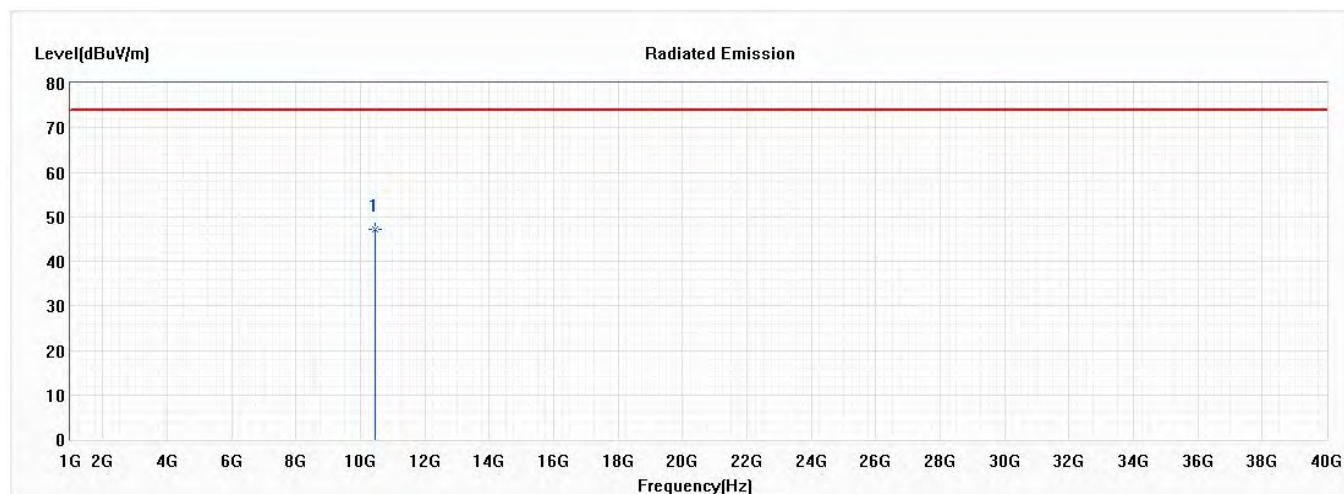
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10440.000 | 47.45 | 74.00 | -26.55 | 44.37 | 3.08 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5220MHz)
 Test Date : 2020/10/19

Vertical



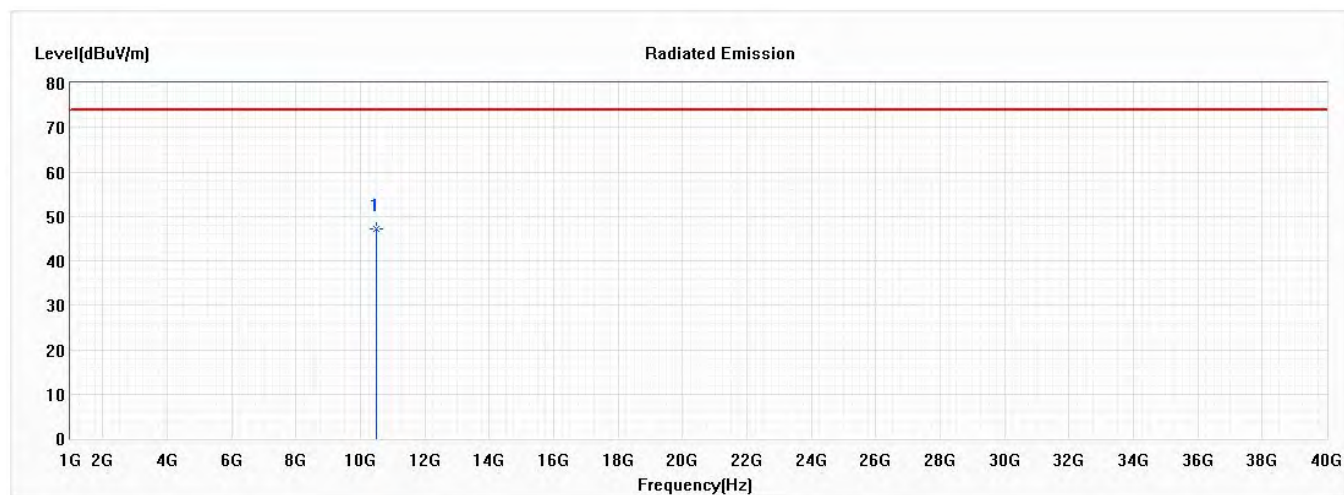
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10440.000 | 47.28 | 74.00 | -26.72 | 44.20 | 3.08 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5240MHz)
 Test Date : 2020/10/19

Horizontal



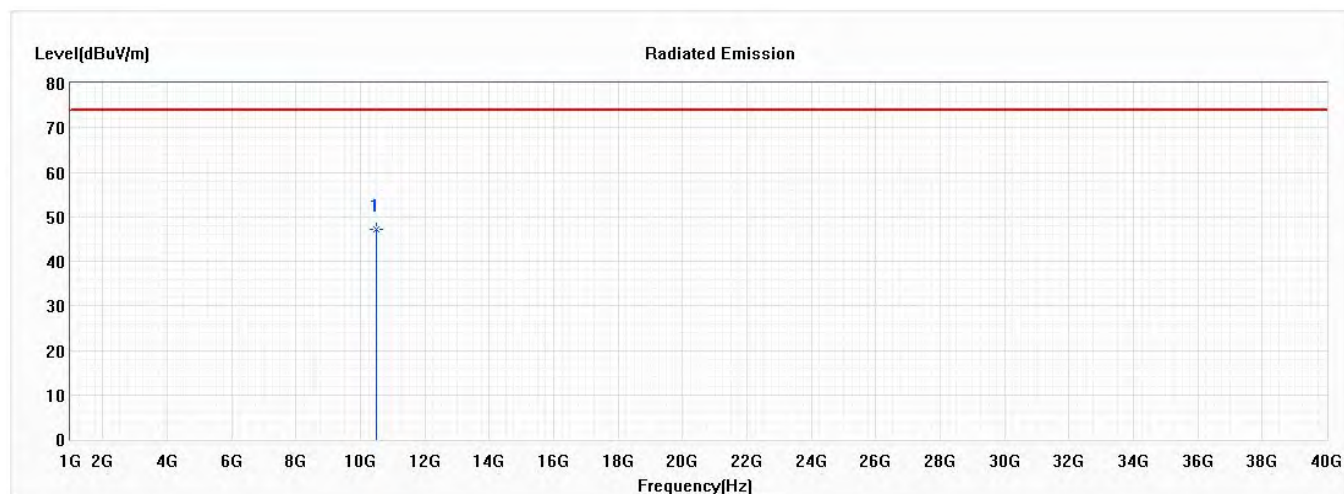
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10480.000 | 47.21 | 74.00 | -26.79 | 44.17 | 3.04 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5240MHz)
 Test Date : 2020/10/19

Vertical



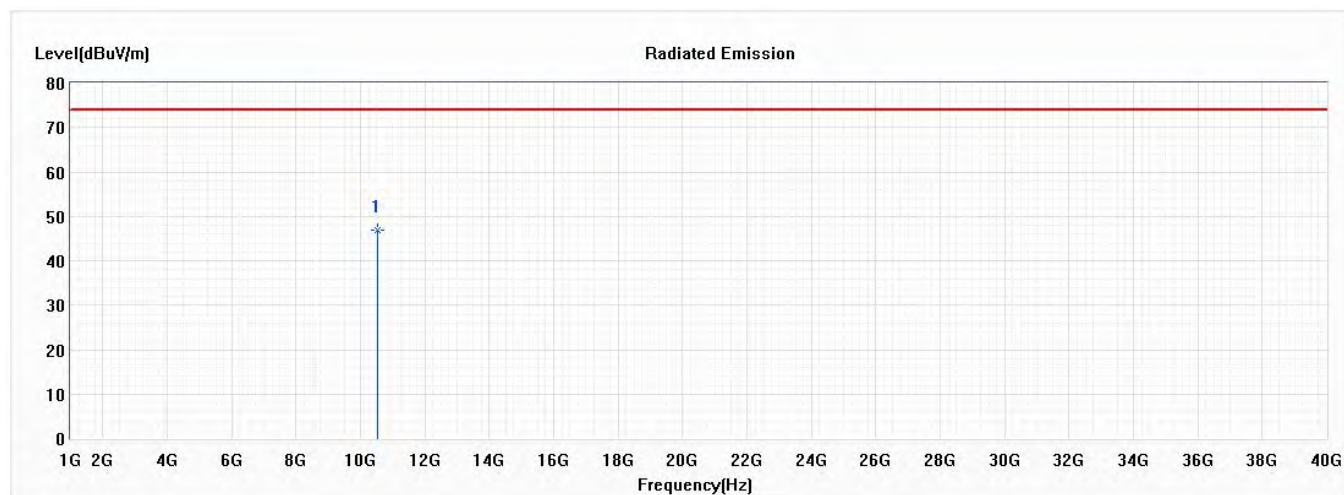
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10480.000 | 47.31 | 74.00 | -26.69 | 44.27 | 3.04 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5260MHz)
 Test Date : 2020/10/19

Horizontal



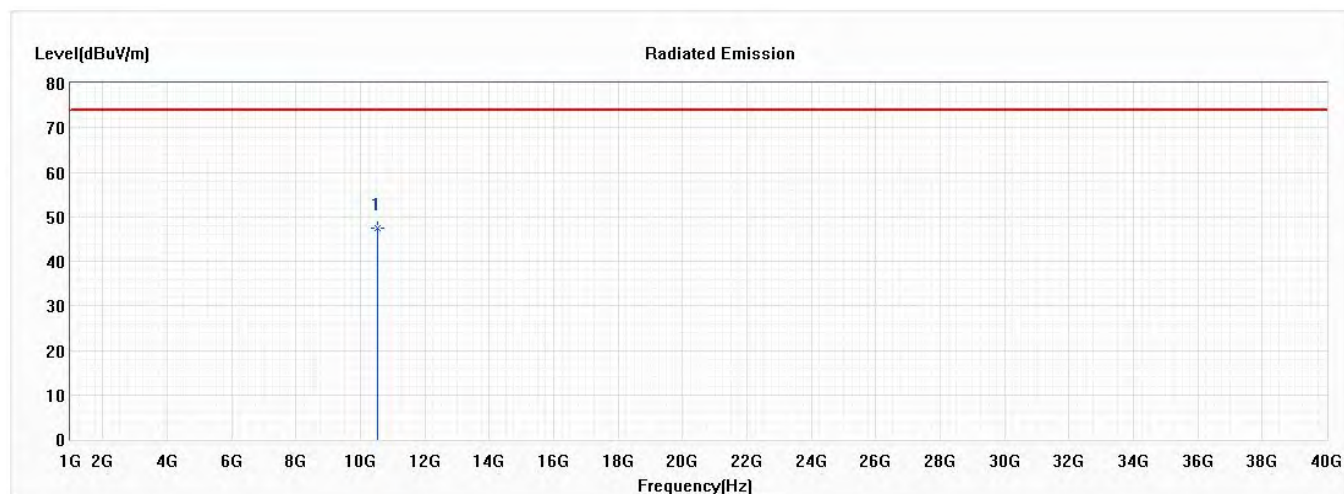
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|--------------------|-------------------------------|-------------------|----------------|-------------------------|------------------------|------------------|
| * 1 | 10520.000 | 46.96 | 74.00 | -27.04 | 44.11 | 2.85 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5260MHz)
 Test Date : 2020/10/19

Vertical



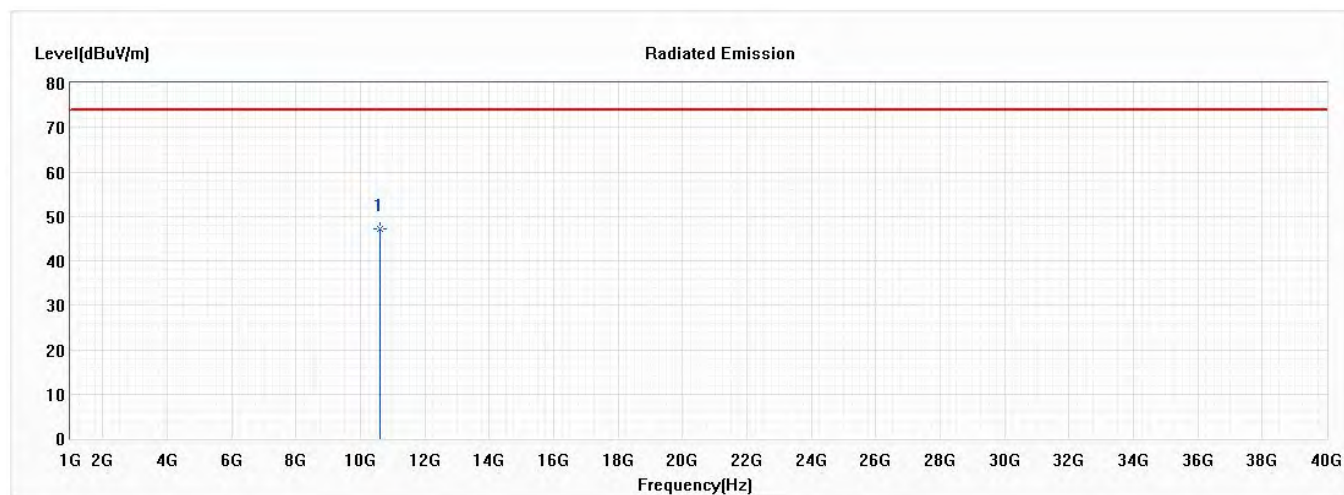
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10520.000 | 47.51 | 74.00 | -26.49 | 44.66 | 2.85 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5300MHz)
 Test Date : 2020/10/19

Horizontal



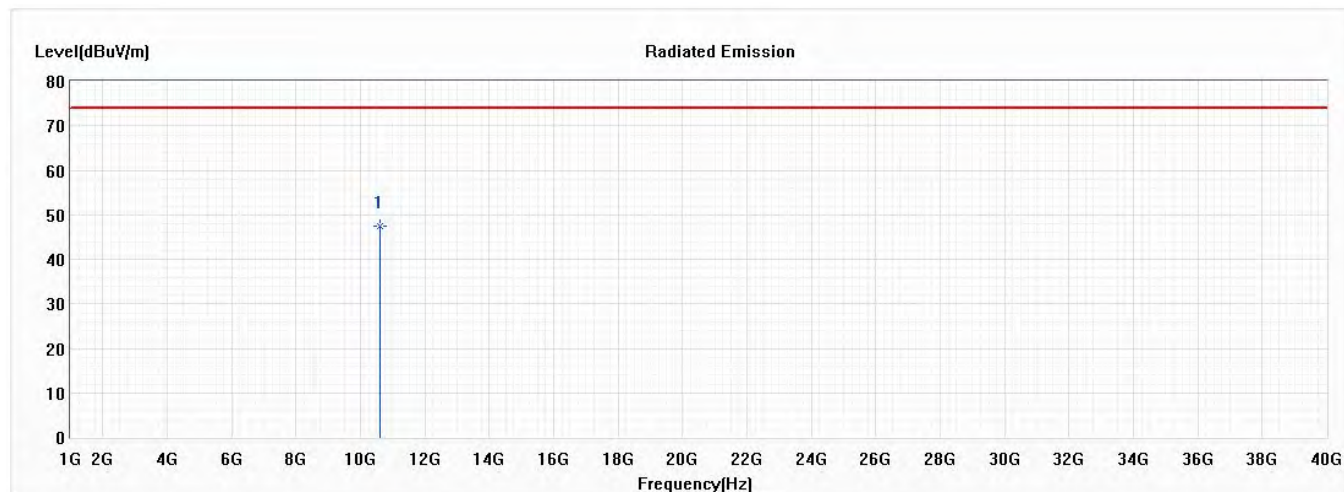
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10600.000 | 47.20 | 74.00 | -26.80 | 43.85 | 3.35 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5300MHz)
 Test Date : 2020/10/19

Vertical



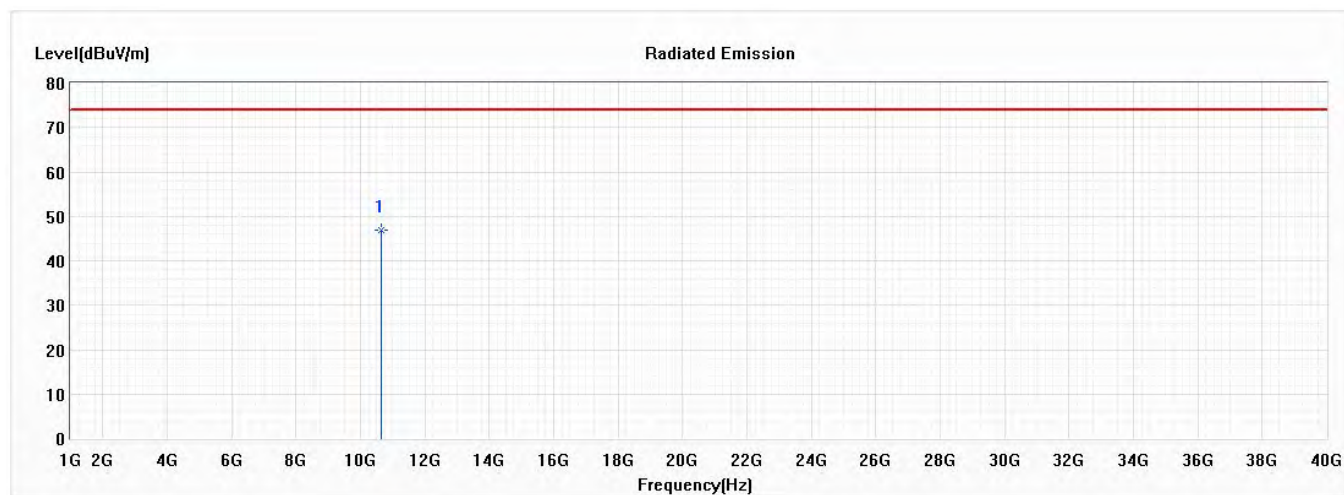
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10600.000 | 47.33 | 74.00 | -26.67 | 43.98 | 3.35 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5320MHz)
 Test Date : 2020/10/19

Horizontal



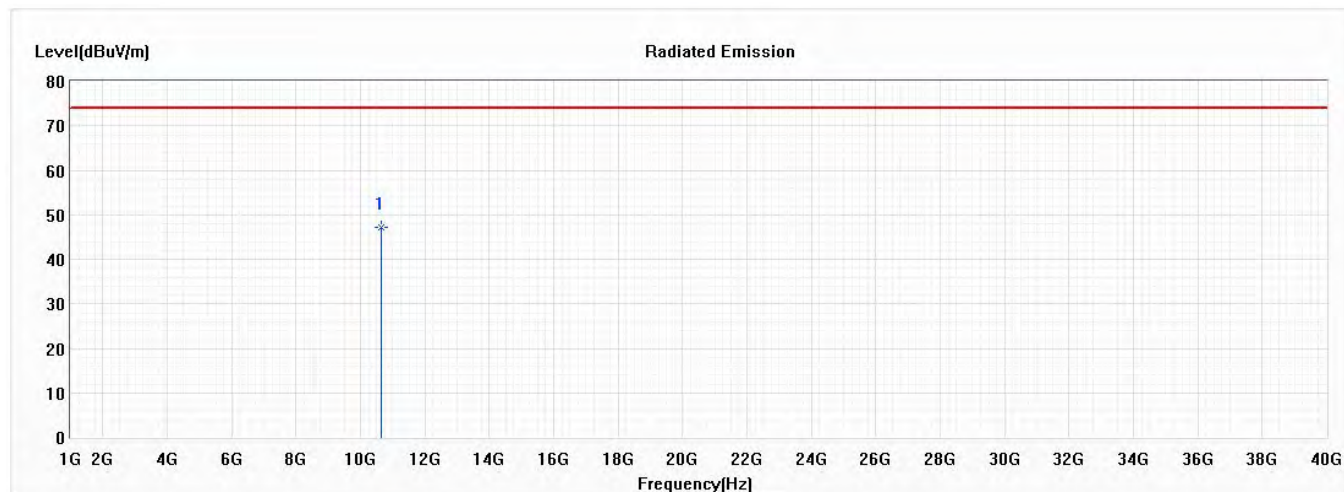
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10640.000 | 47.02 | 74.00 | -26.98 | 43.83 | 3.19 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5320MHz)
 Test Date : 2020/10/19

Vertical



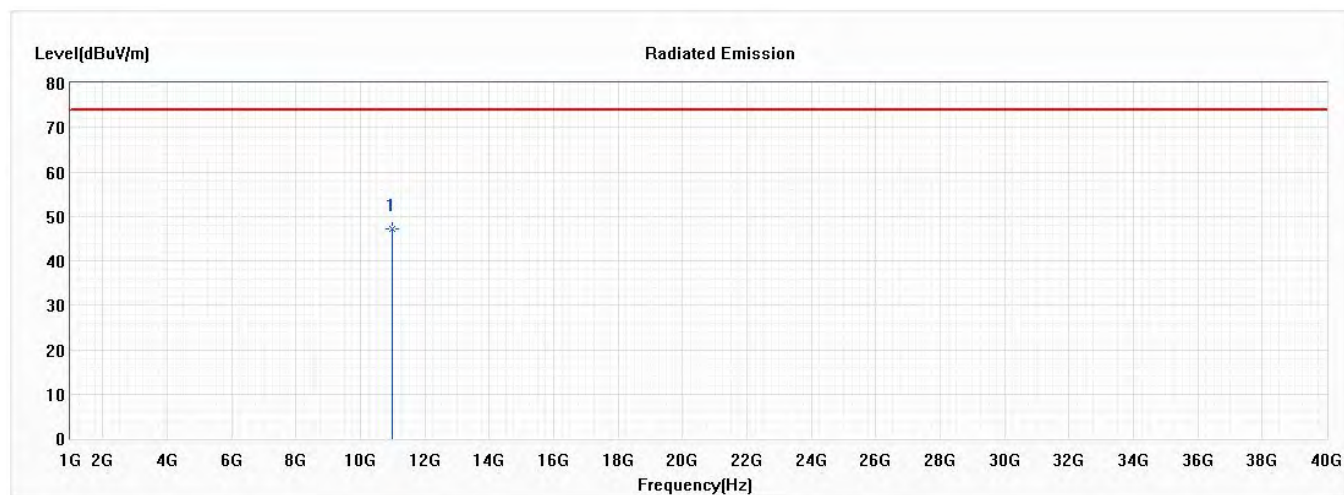
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10640.000 | 47.11 | 74.00 | -26.89 | 43.92 | 3.19 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5500MHz)
 Test Date : 2020/10/19

Horizontal



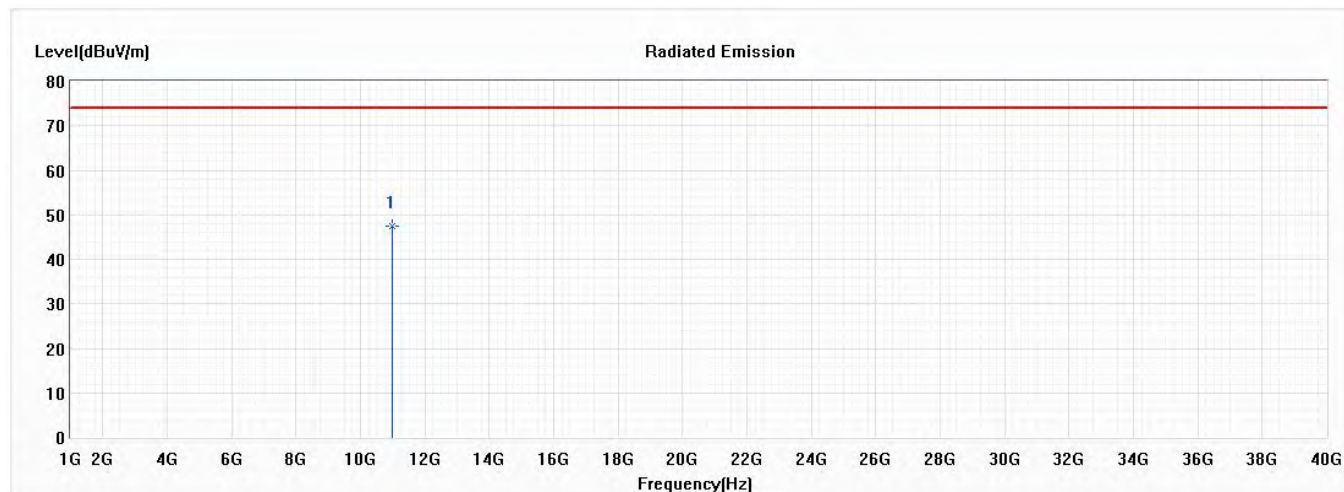
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11000.000 | 47.11 | 74.00 | -26.89 | 43.41 | 3.70 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5500MHz)
 Test Date : 2020/10/19

Vertical



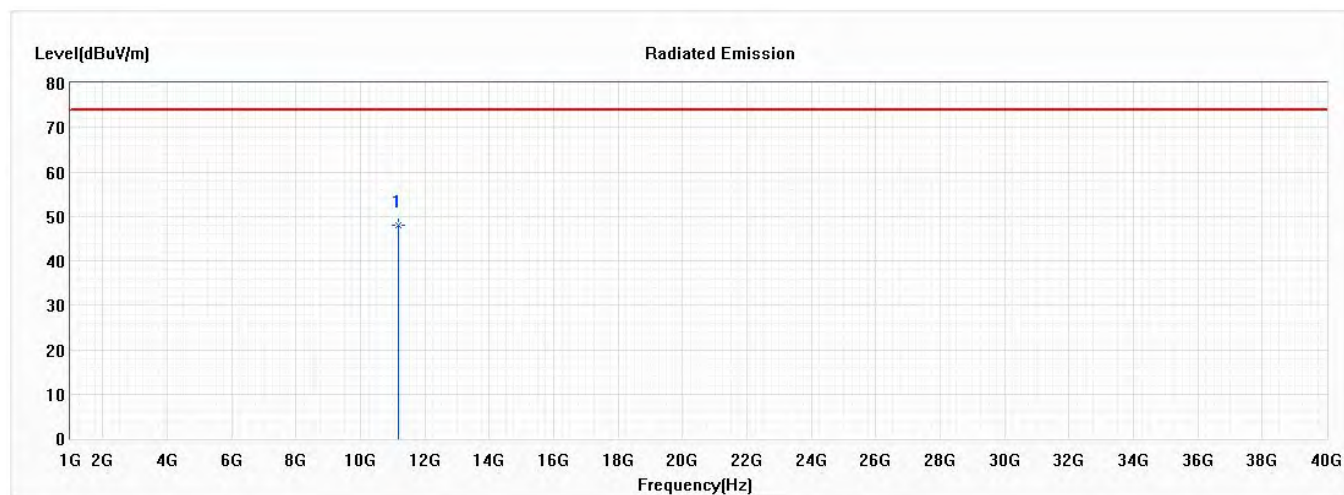
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11000.000 | 47.51 | 74.00 | -26.49 | 43.81 | 3.70 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5580MHz)
 Test Date : 2020/10/19

Horizontal



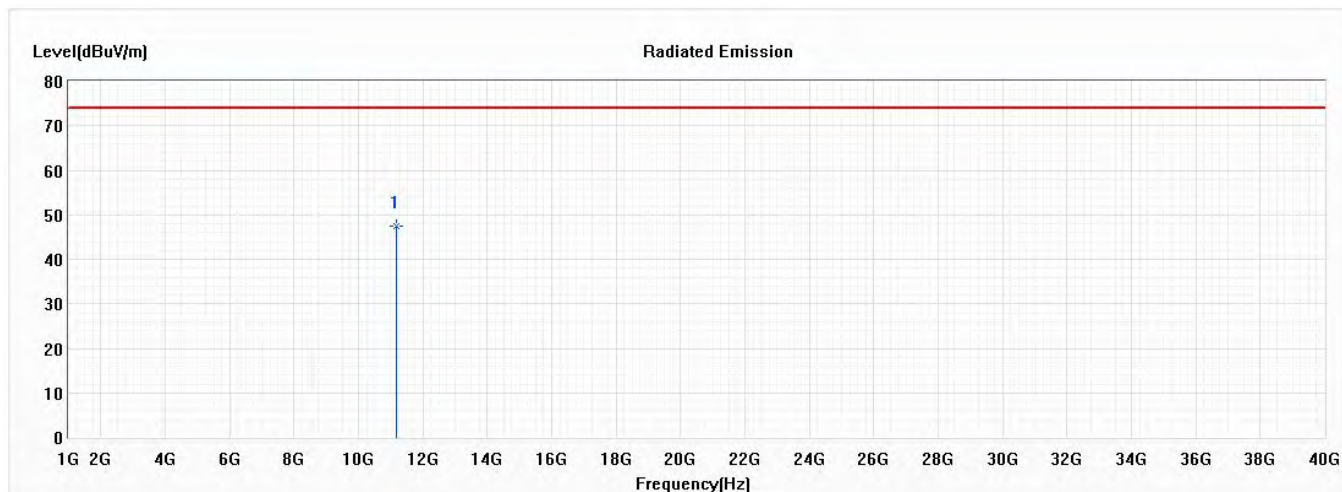
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11160.000 | 47.90 | 74.00 | -26.10 | 43.99 | 3.91 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5580MHz)
 Test Date : 2020/10/19

Vertical



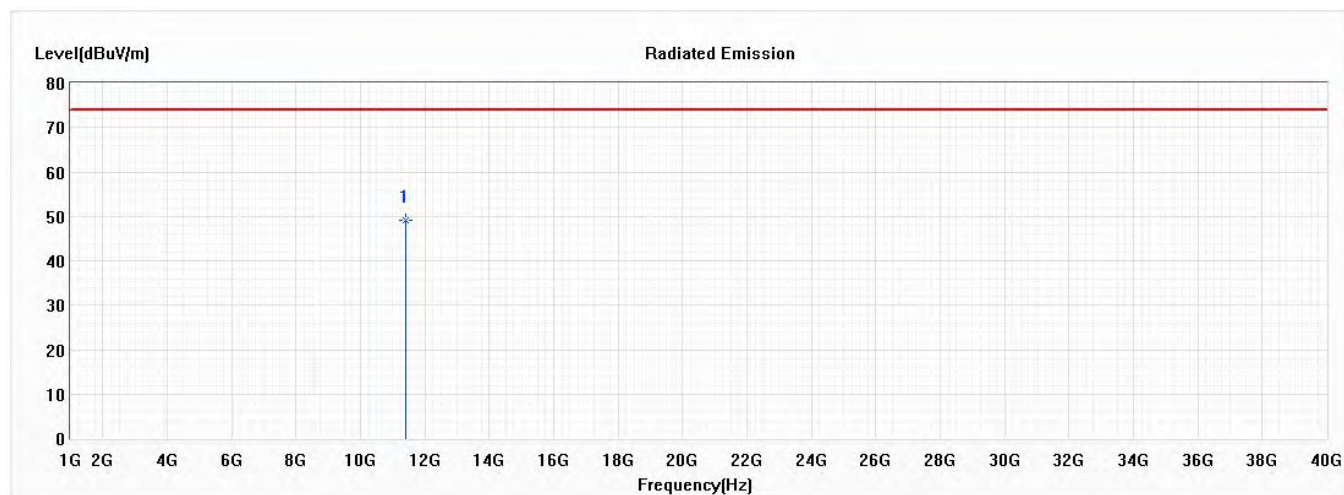
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11160.000 | 47.45 | 74.00 | -26.55 | 43.54 | 3.91 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5700MHz)
 Test Date : 2020/10/19

Horizontal



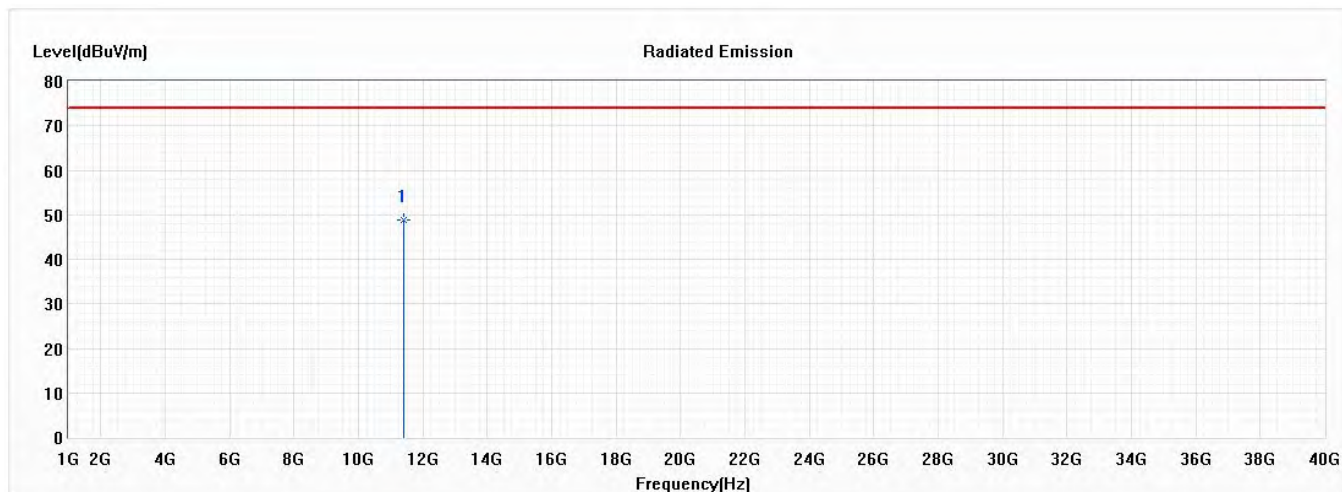
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11400.000 | 49.08 | 74.00 | -24.92 | 44.75 | 4.33 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5700MHz)
 Test Date : 2020/10/19

Vertical



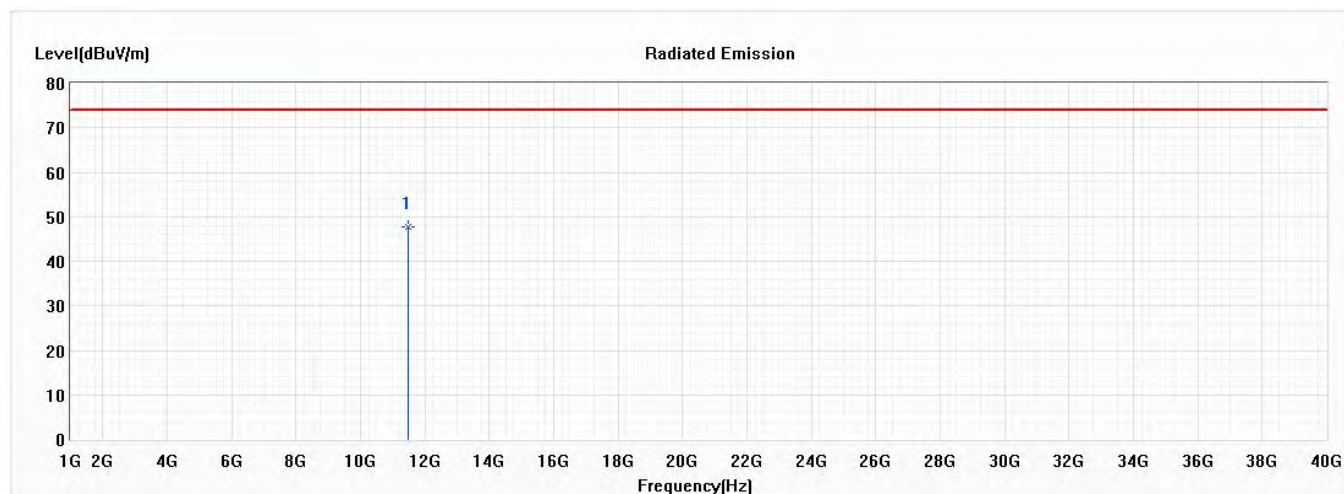
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11400.000 | 48.76 | 74.00 | -25.24 | 44.43 | 4.33 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5745MHz)
 Test Date : 2020/10/19

Horizontal



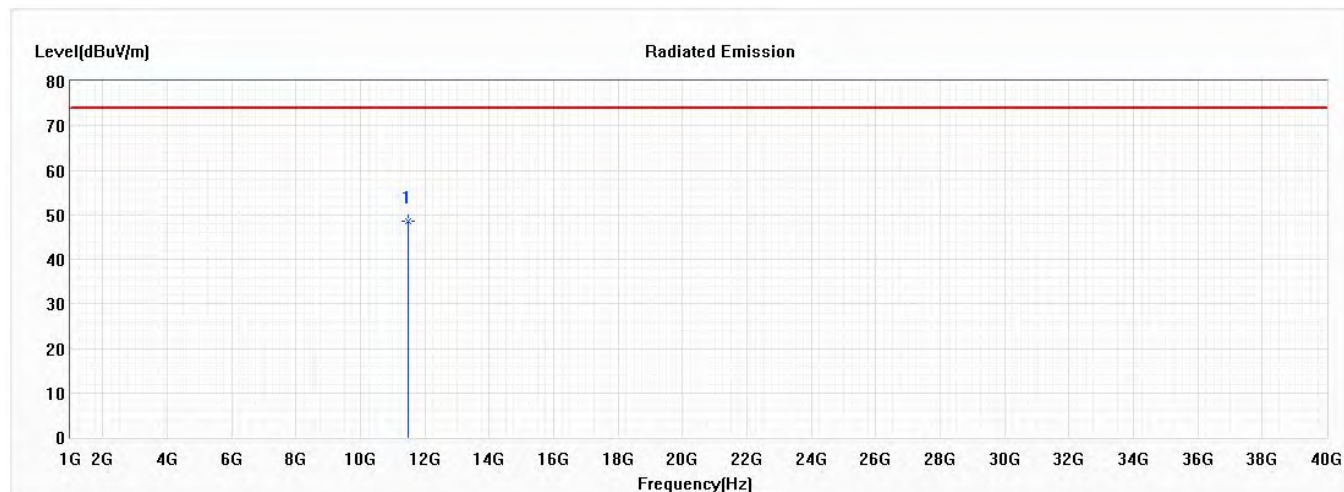
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11490.000 | 47.62 | 74.00 | -26.38 | 43.22 | 4.40 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5745MHz)
 Test Date : 2020/10/19

Vertical



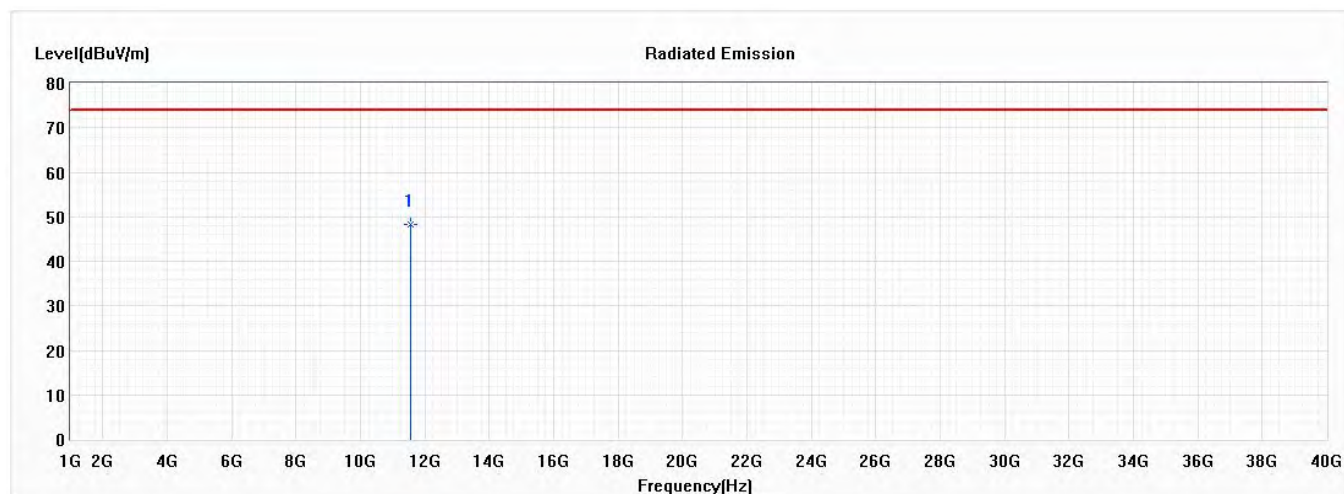
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11490.000 | 48.65 | 74.00 | -25.35 | 44.25 | 4.40 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5785MHz)
 Test Date : 2020/10/19

Horizontal



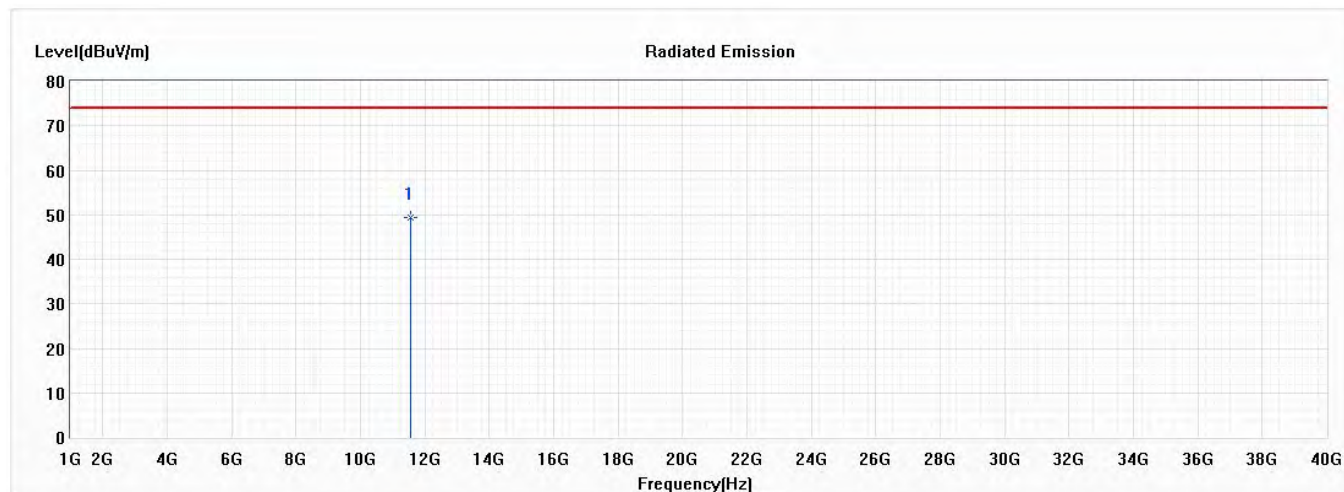
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11570.000 | 48.41 | 74.00 | -25.59 | 43.74 | 4.67 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5785MHz)
 Test Date : 2020/10/19

Vertical



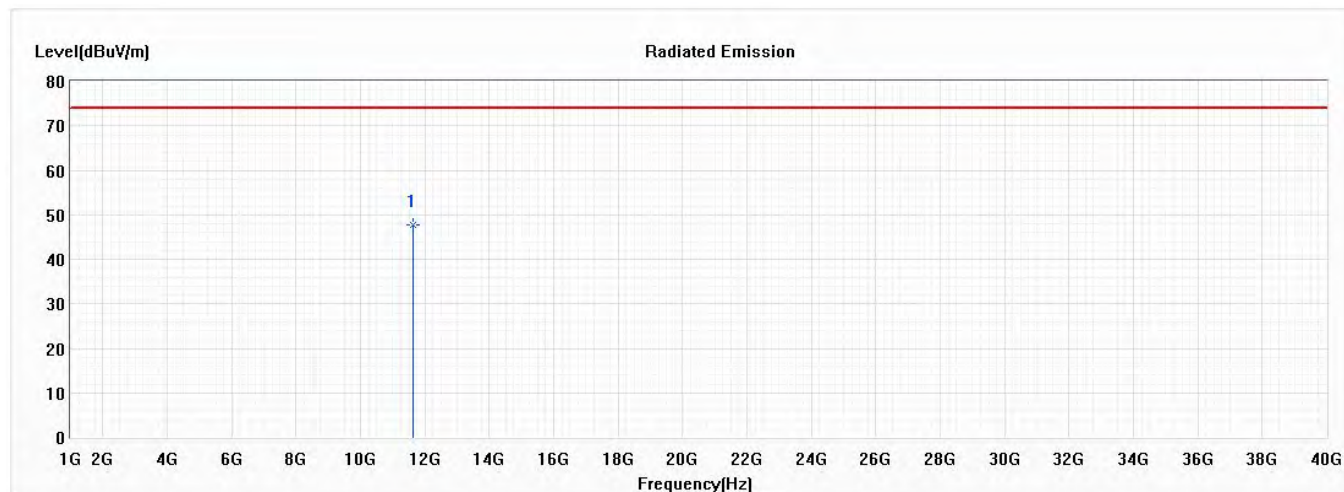
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11570.000 | 49.51 | 74.00 | -24.49 | 44.84 | 4.67 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5825MHz)
 Test Date : 2020/10/19

Horizontal



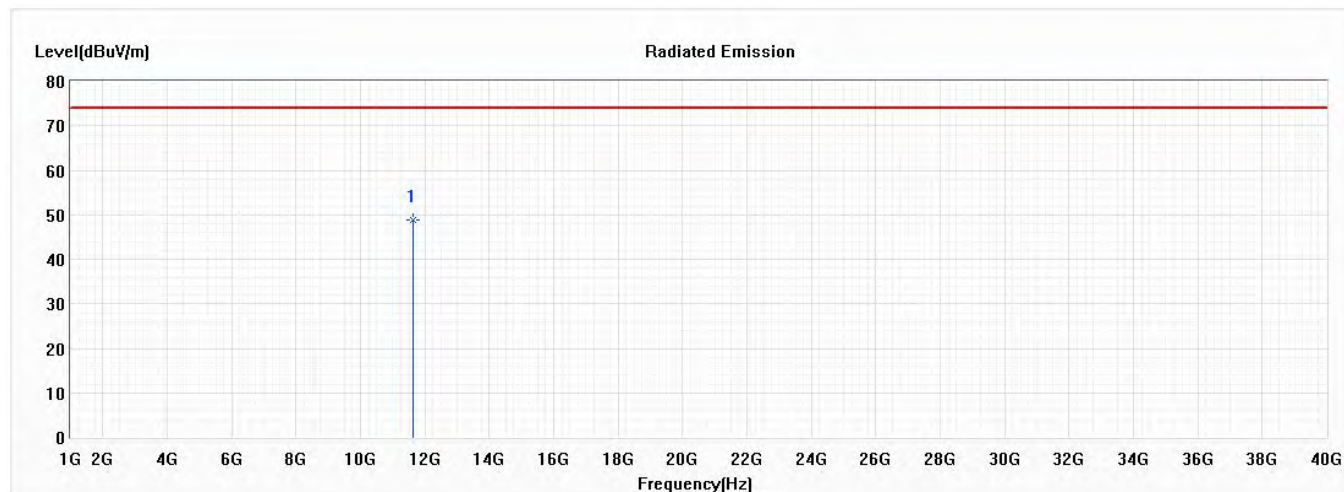
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11650.000 | 47.81 | 74.00 | -26.19 | 43.14 | 4.67 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5825MHz)
 Test Date : 2020/10/19

Vertical



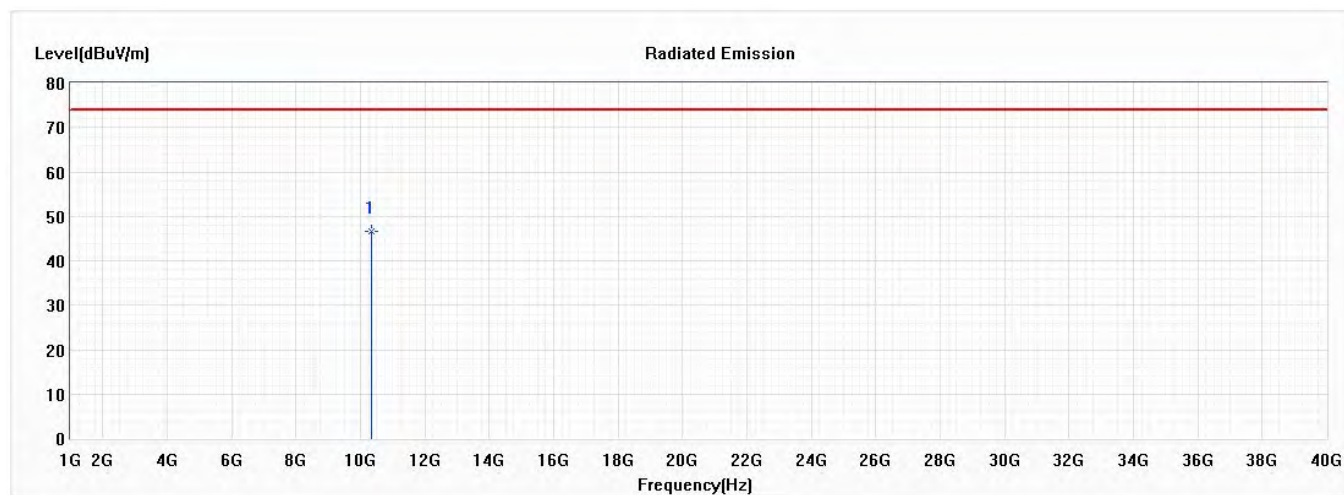
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11650.000 | 48.70 | 74.00 | -25.30 | 44.03 | 4.67 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5180MHz)
 Test Date : 2020/10/19

Horizontal



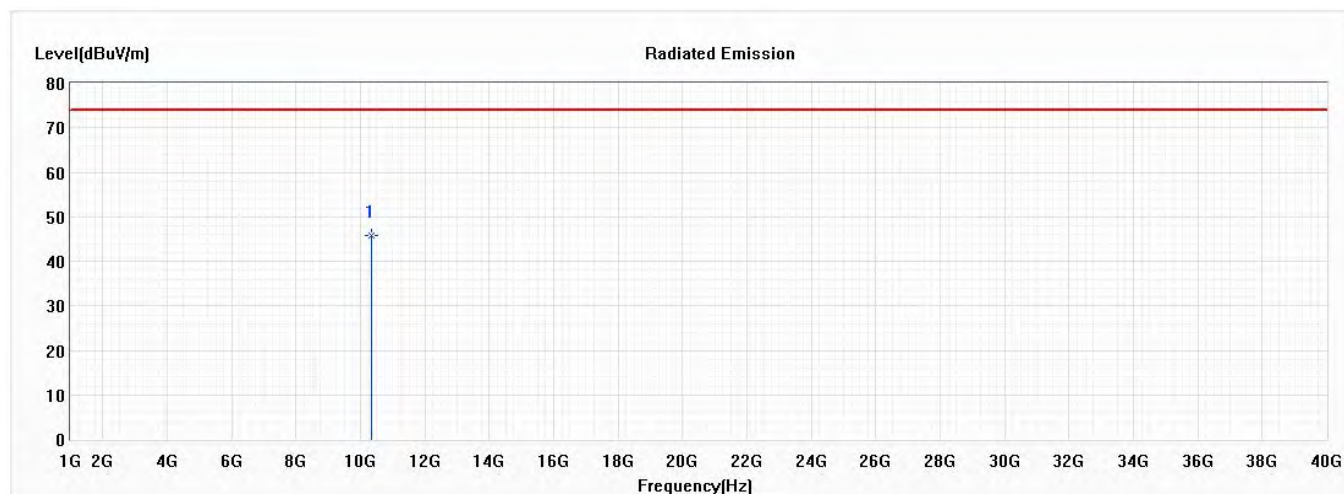
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10360.000 | 46.53 | 74.00 | -27.47 | 43.75 | 2.78 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5180MHz)
 Test Date : 2020/10/19

Vertical



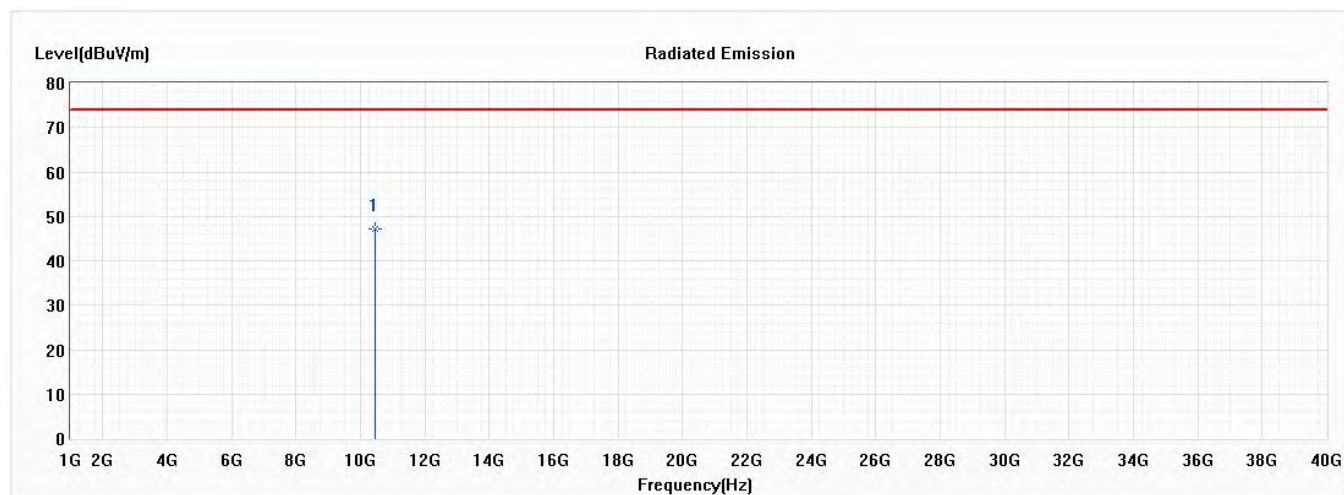
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10360.000 | 45.86 | 74.00 | -28.14 | 43.08 | 2.78 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5220MHz)
 Test Date : 2020/10/19

Horizontal



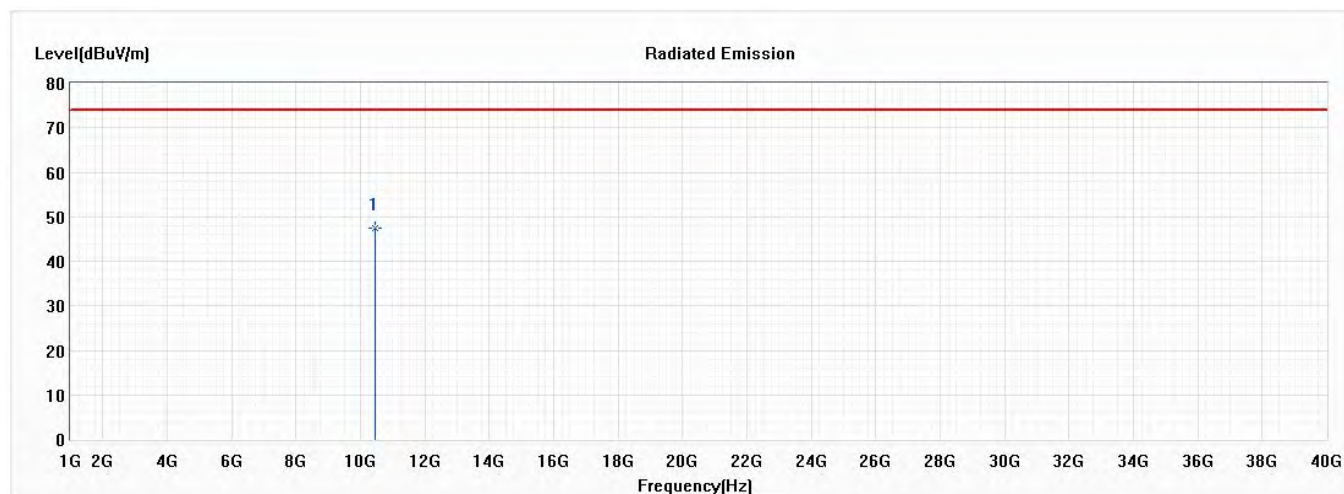
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10440.000 | 47.13 | 74.00 | -26.87 | 44.05 | 3.08 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5220MHz)
 Test Date : 2020/10/19

Vertical



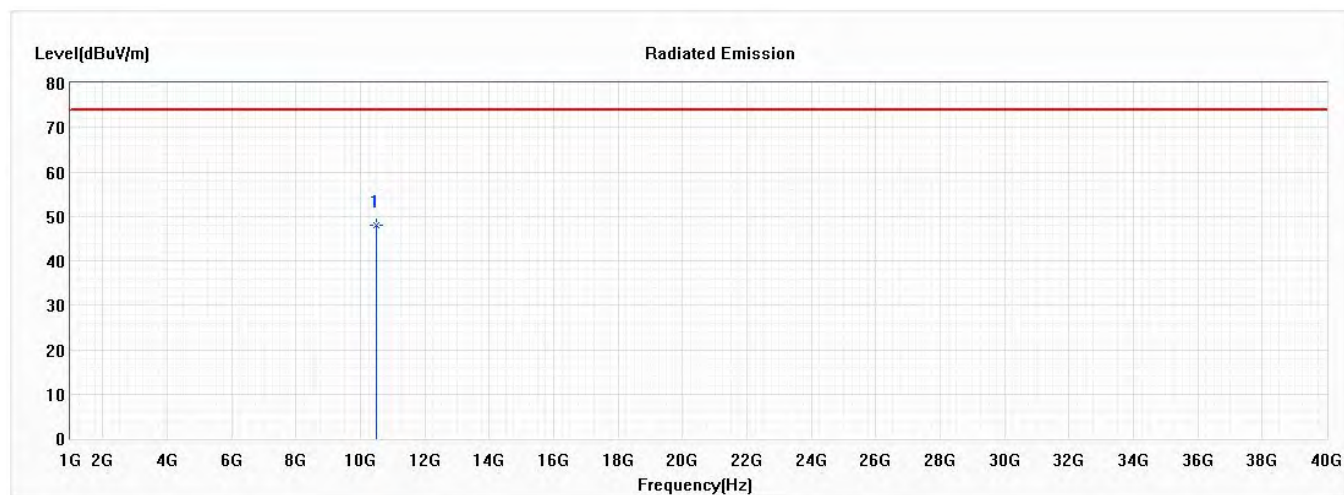
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10440.000 | 47.44 | 74.00 | -26.56 | 44.36 | 3.08 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5240MHz)
 Test Date : 2020/10/19

Horizontal



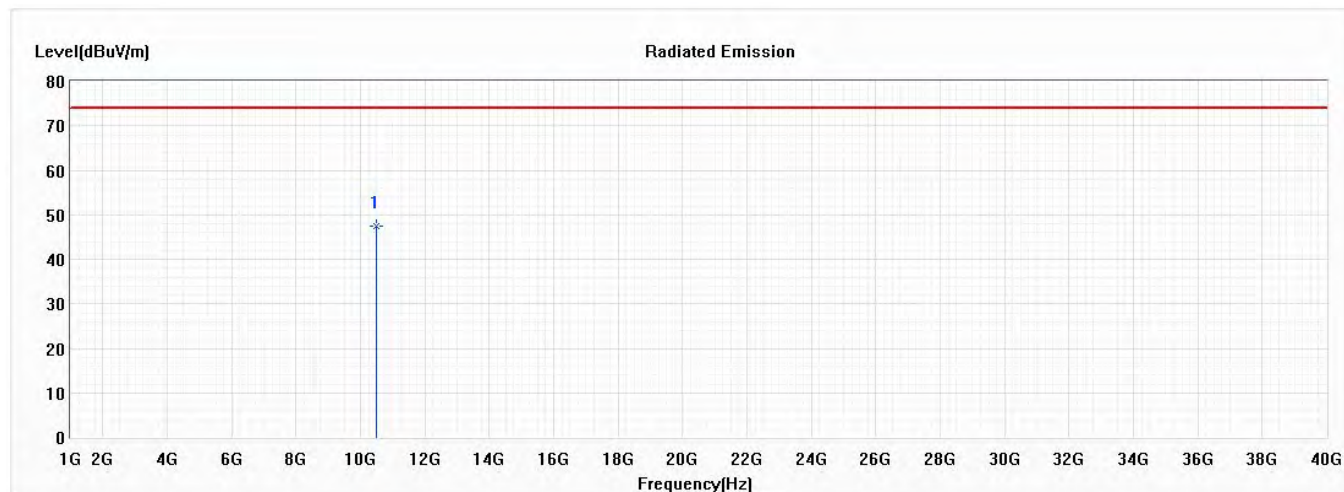
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|--------------------|-------------------------------|-------------------|----------------|-------------------------|------------------------|------------------|
| * 1 | 10480.000 | 47.96 | 74.00 | -26.04 | 44.92 | 3.04 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5240MHz)
 Test Date : 2020/10/19

Vertical



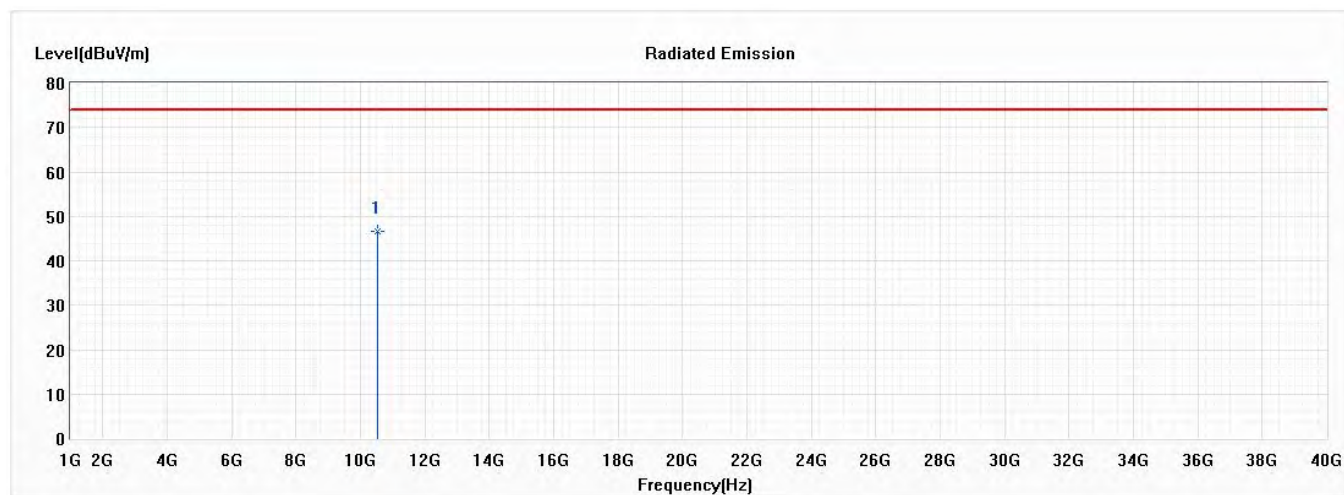
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10480.000 | 47.37 | 74.00 | -26.63 | 44.33 | 3.04 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5260MHz)
 Test Date : 2020/10/19

Horizontal



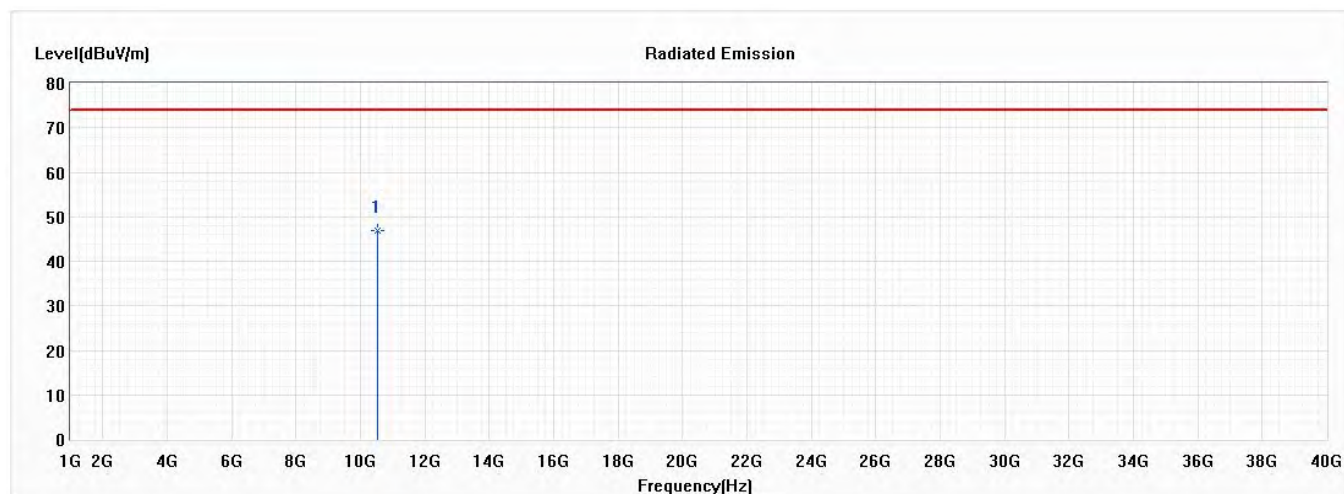
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10520.000 | 46.69 | 74.00 | -27.31 | 43.84 | 2.85 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5260MHz)
 Test Date : 2020/10/19

Vertical



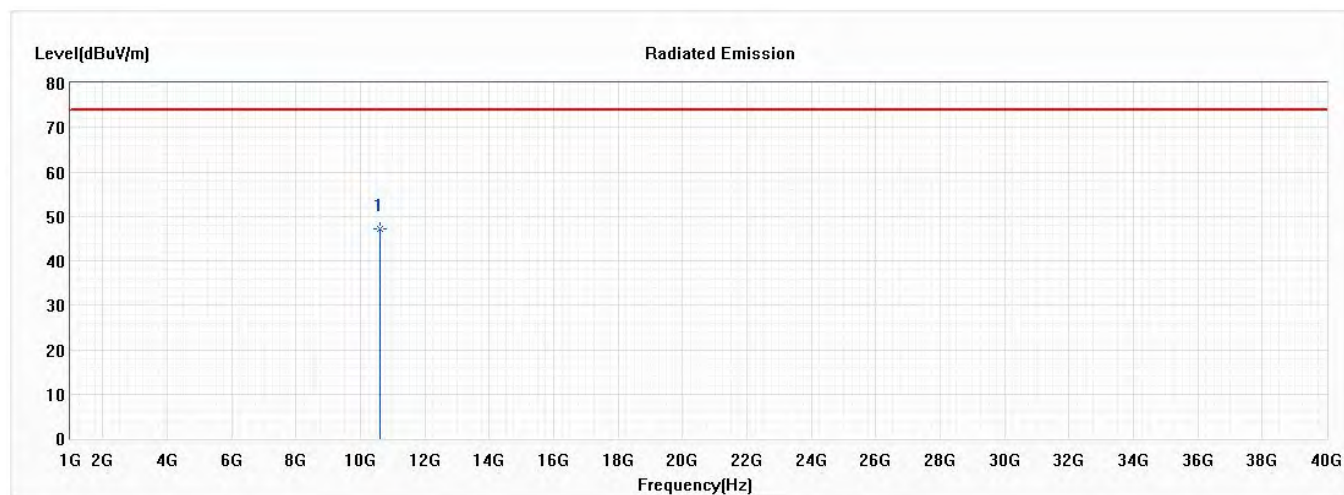
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10520.000 | 46.92 | 74.00 | -27.08 | 44.07 | 2.85 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5300MHz)
 Test Date : 2020/10/19

Horizontal



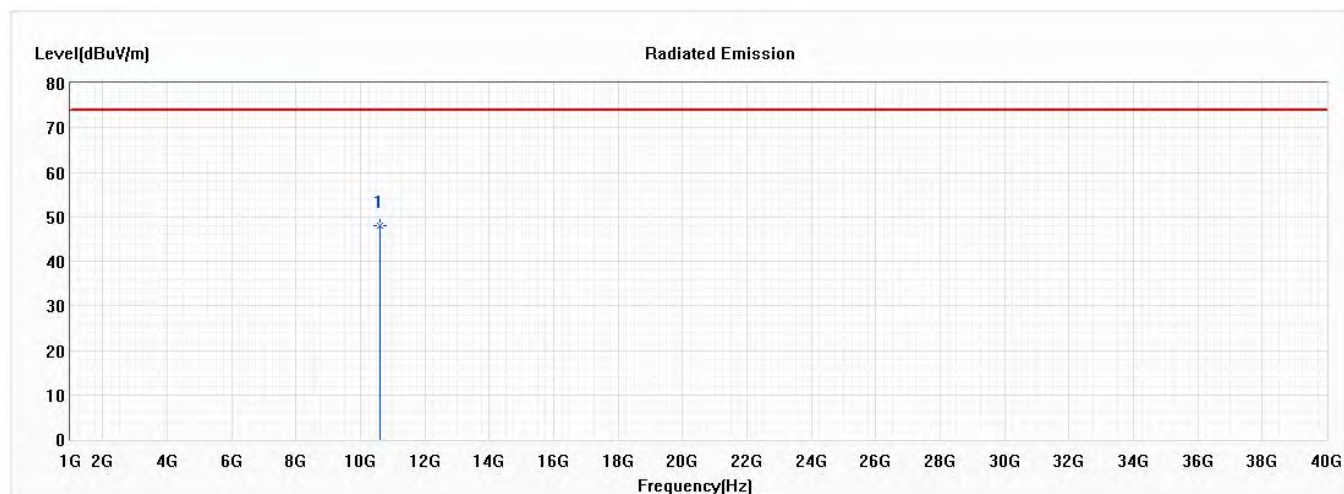
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10600.000 | 47.16 | 74.00 | -26.84 | 43.81 | 3.35 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5300MHz)
 Test Date : 2020/10/19

Vertical



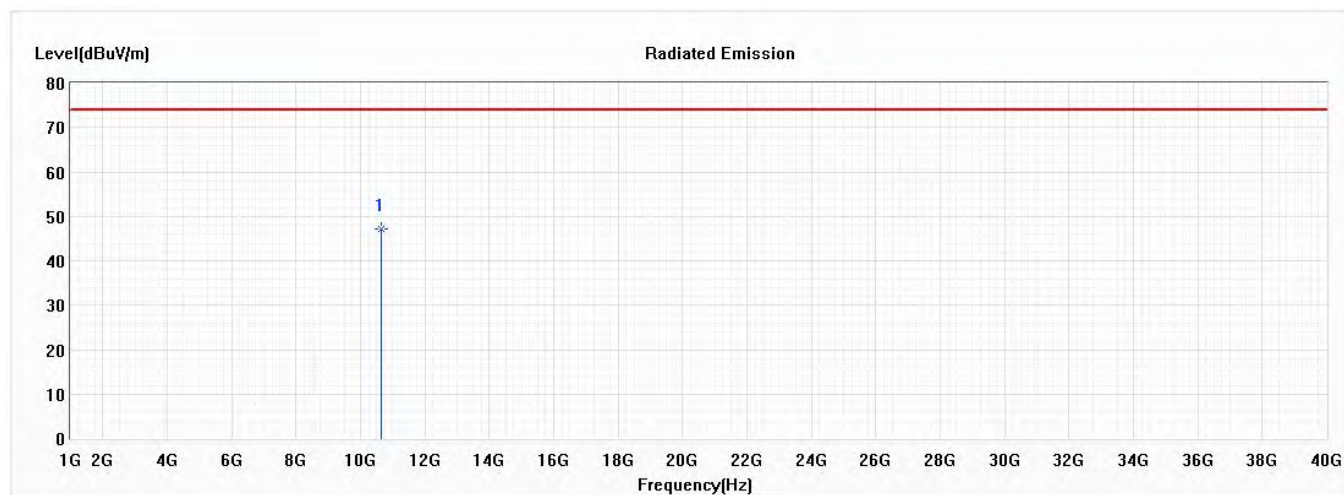
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10600.000 | 48.07 | 74.00 | -25.93 | 44.72 | 3.35 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5320MHz)
 Test Date : 2020/10/19

Horizontal



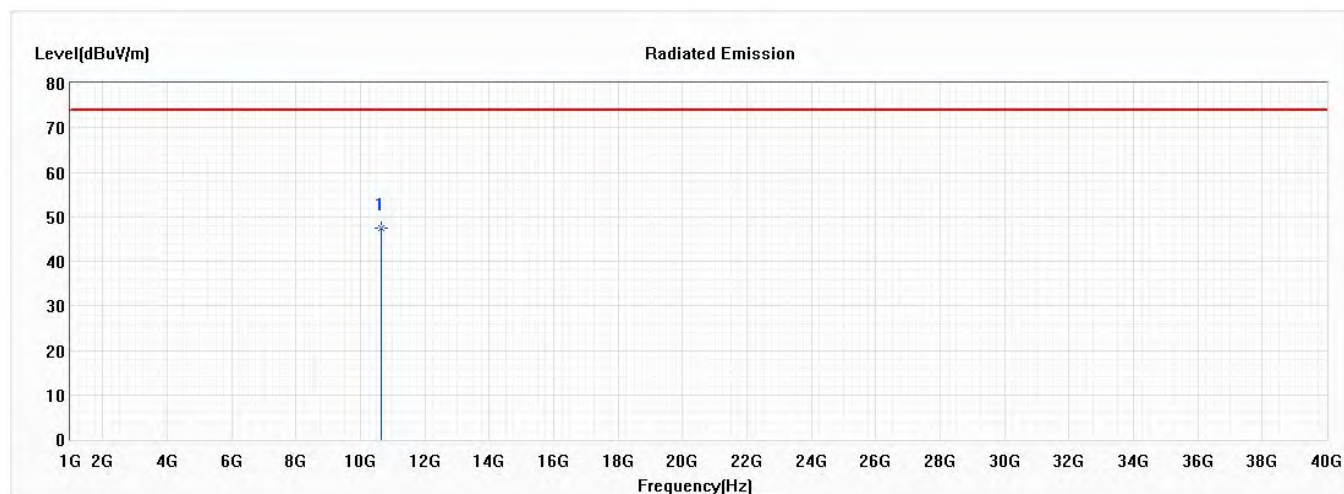
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|--------------------|-------------------------------|-------------------|----------------|-------------------------|------------------------|------------------|
| * 1 | 10640.000 | 47.08 | 74.00 | -26.92 | 43.89 | 3.19 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5320MHz)
 Test Date : 2020/10/19

Vertical



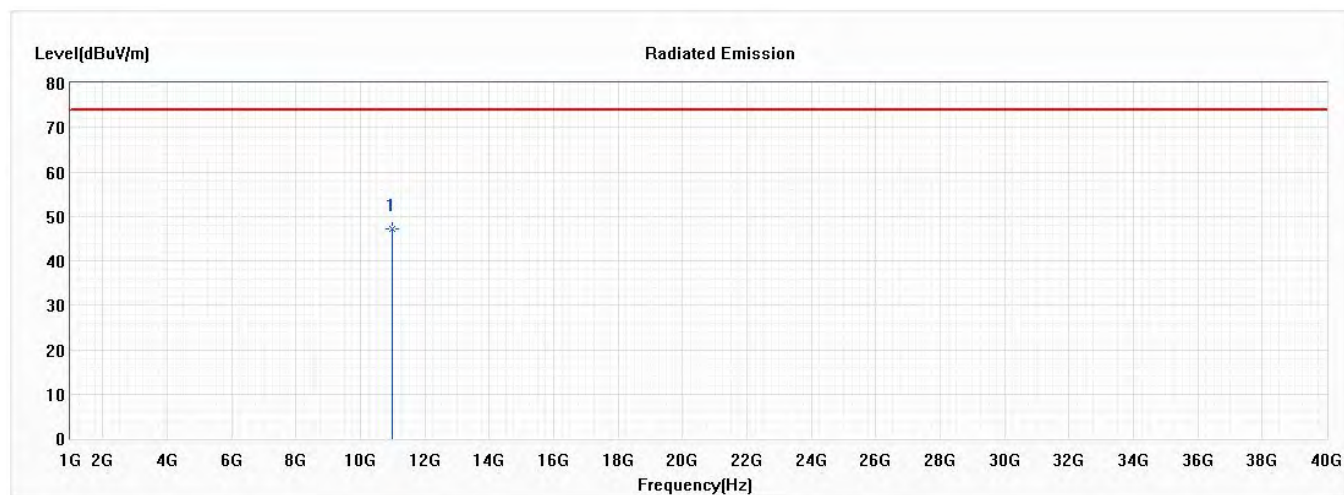
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10640.000 | 47.33 | 74.00 | -26.67 | 44.14 | 3.19 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5500MHz)
 Test Date : 2020/10/19

Horizontal



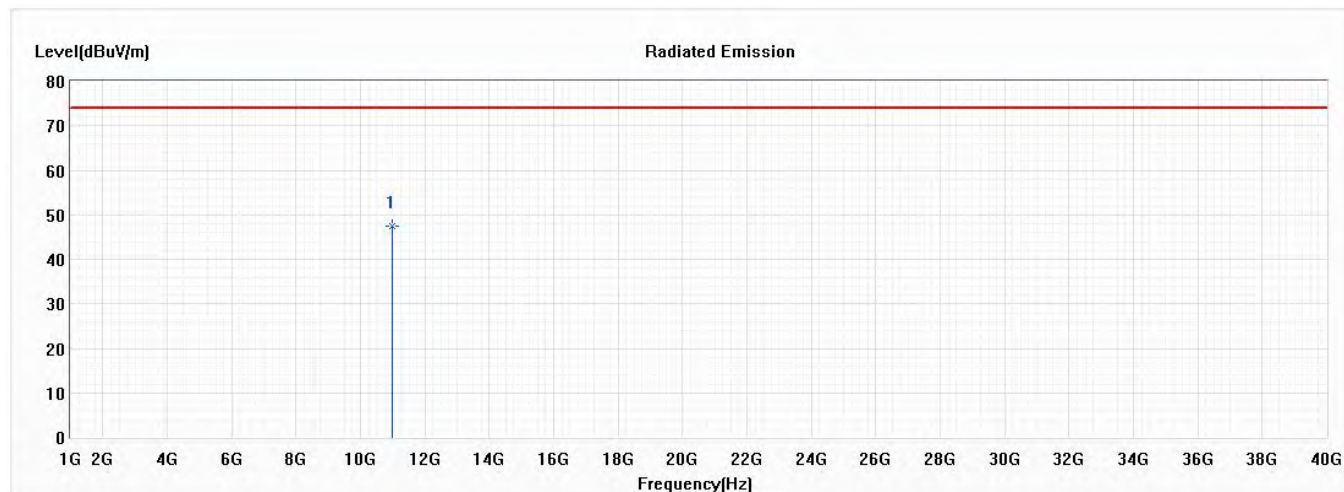
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11000.000 | 47.29 | 74.00 | -26.71 | 43.59 | 3.70 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5500MHz)
 Test Date : 2020/10/19

Vertical



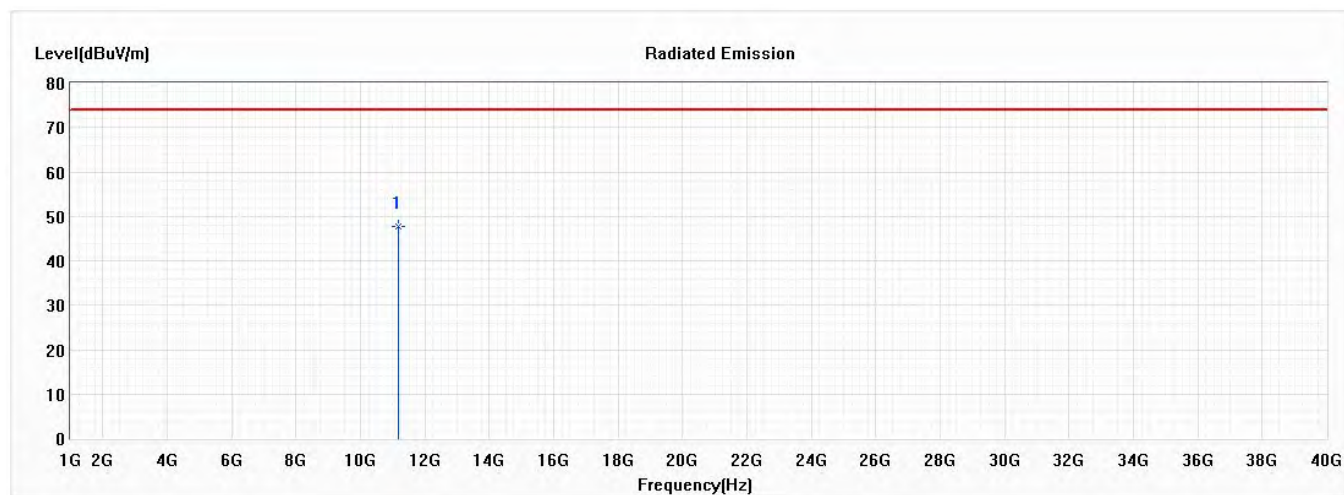
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11000.000 | 47.52 | 74.00 | -26.48 | 43.82 | 3.70 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5580MHz)
 Test Date : 2020/10/19

Horizontal



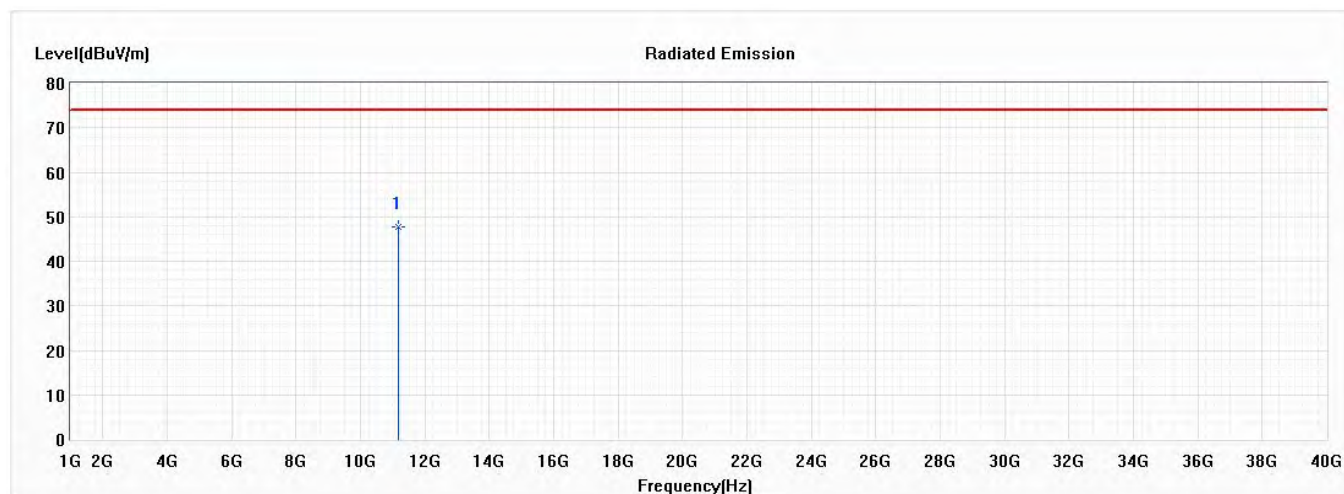
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11160.000 | 47.73 | 74.00 | -26.27 | 43.82 | 3.91 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5580MHz)
 Test Date : 2020/10/19

Vertical



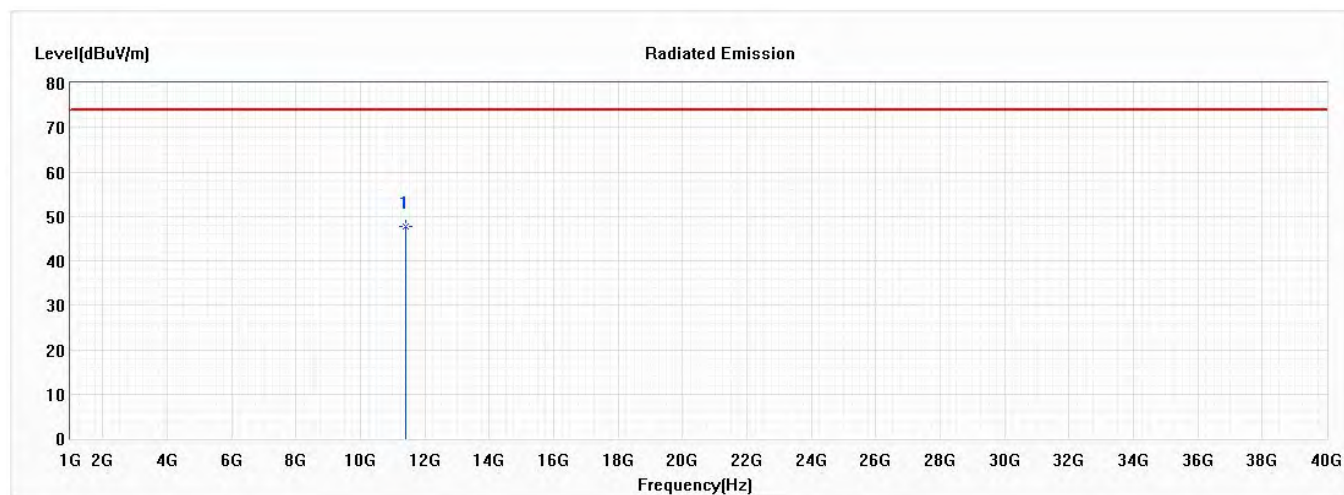
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11160.000 | 47.65 | 74.00 | -26.35 | 43.74 | 3.91 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5700MHz)
 Test Date : 2020/10/19

Horizontal



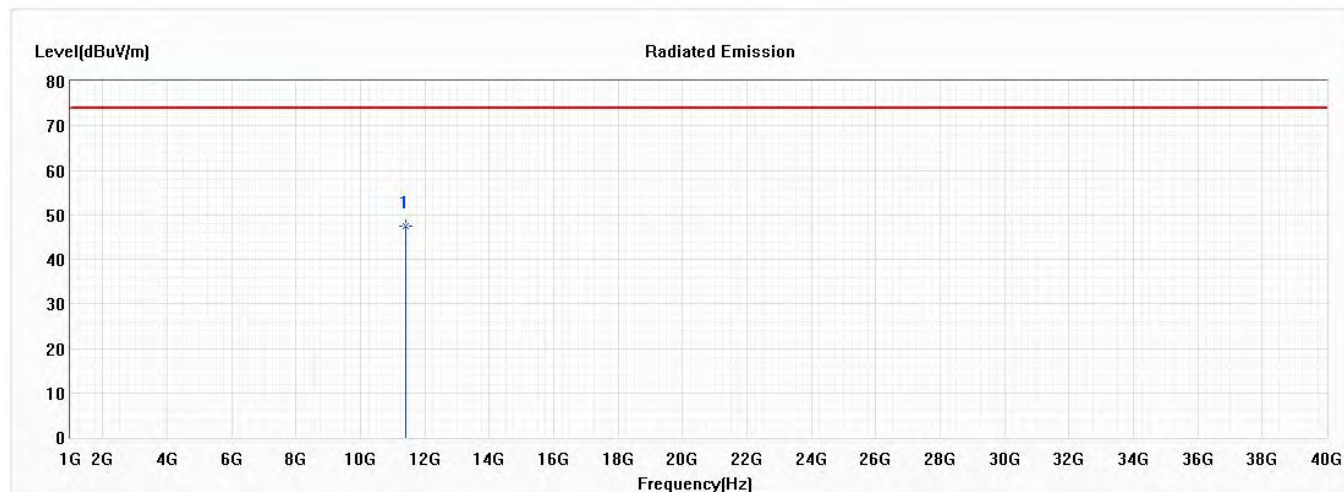
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11400.000 | 47.85 | 74.00 | -26.15 | 43.52 | 4.33 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5700MHz)
 Test Date : 2020/10/19

Vertical



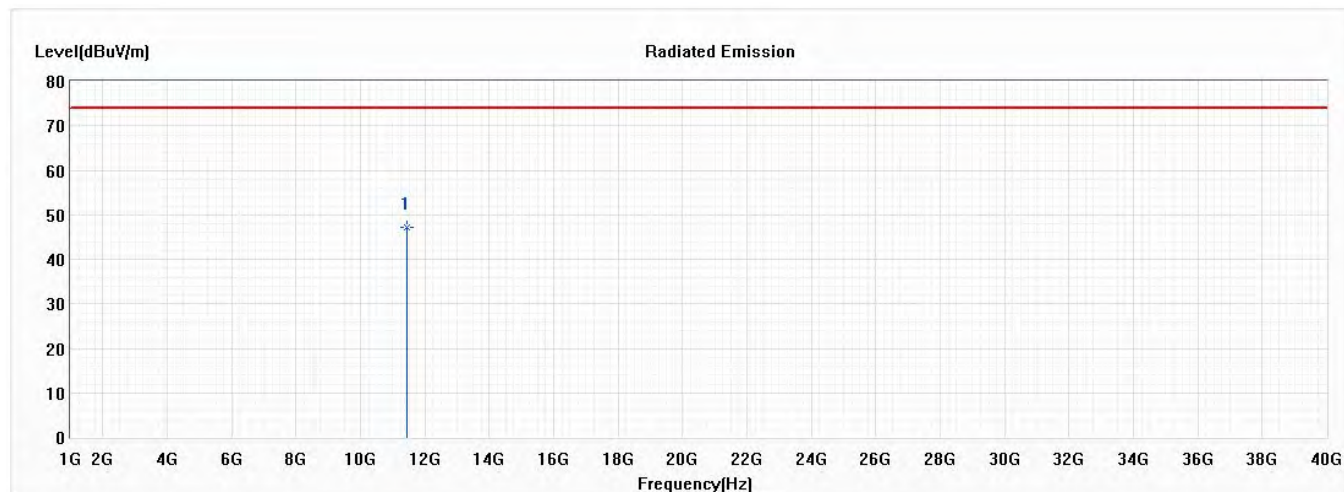
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11400.000 | 47.33 | 74.00 | -26.67 | 43.00 | 4.33 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5720MHz)
 Test Date : 2020/10/19

Horizontal



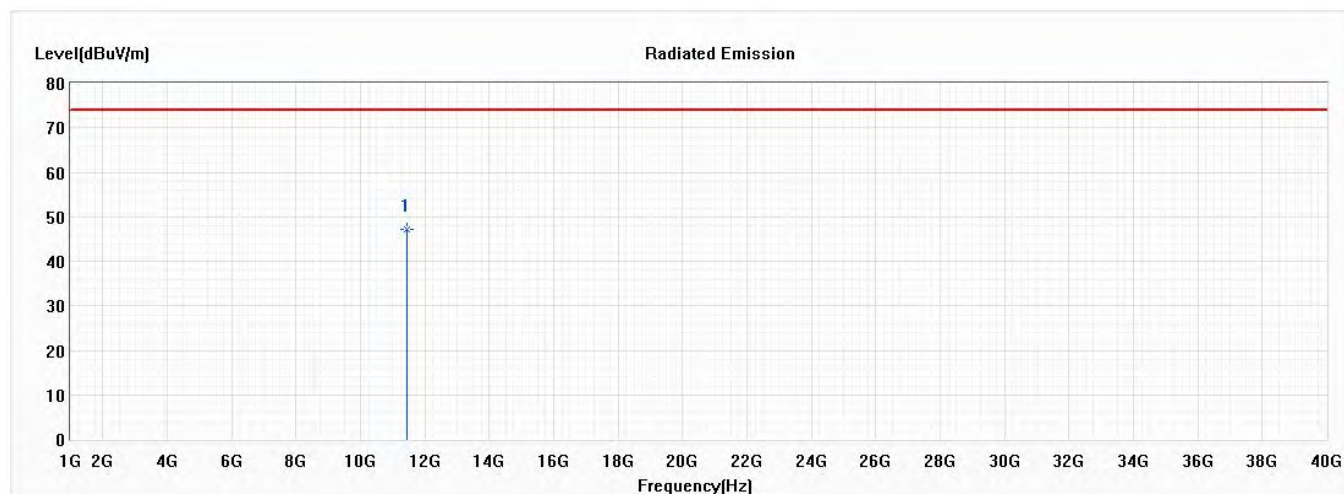
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11440.000 | 47.16 | 74.00 | -26.84 | 42.81 | 4.35 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5720MHz)
 Test Date : 2020/10/19

Vertical



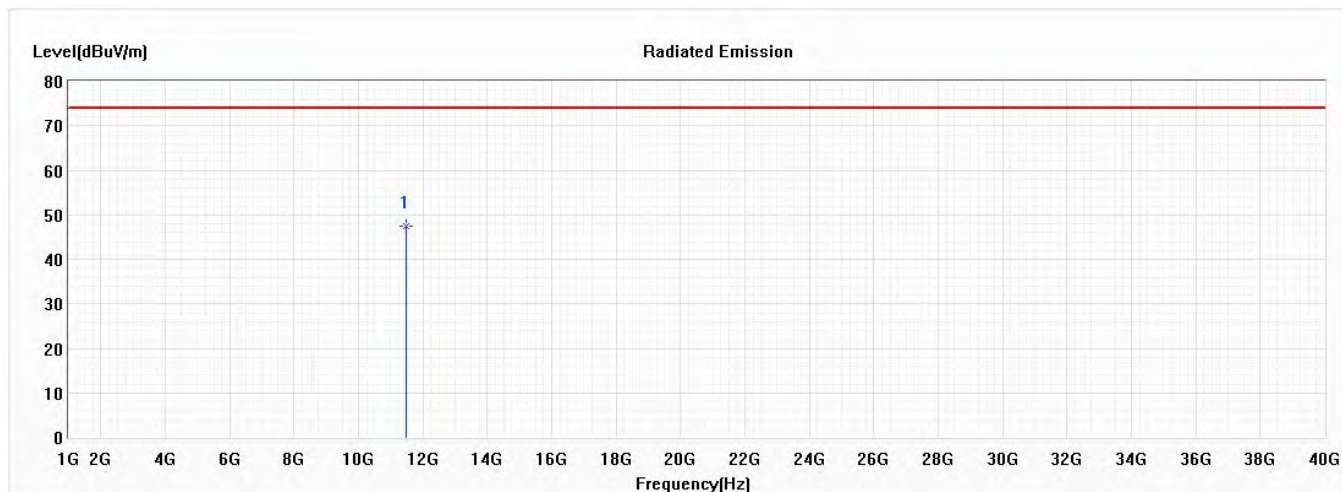
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11440.000 | 47.12 | 74.00 | -26.88 | 42.77 | 4.35 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5745MHz)
 Test Date : 2020/10/19

Horizontal



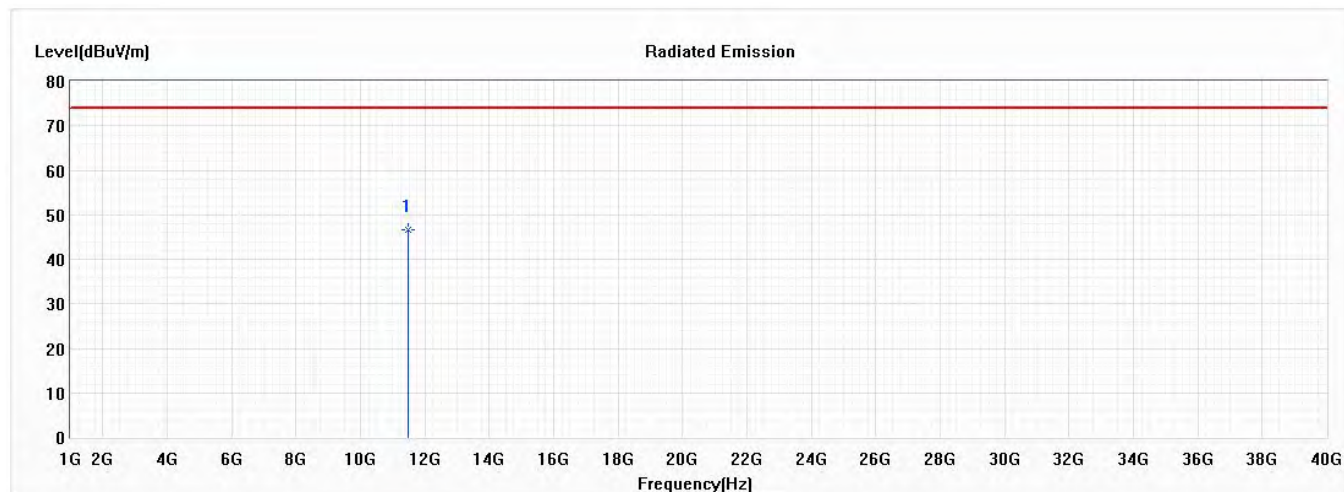
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11490.000 | 47.44 | 74.00 | -26.56 | 43.04 | 4.40 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5745MHz)
 Test Date : 2020/10/19

Vertical



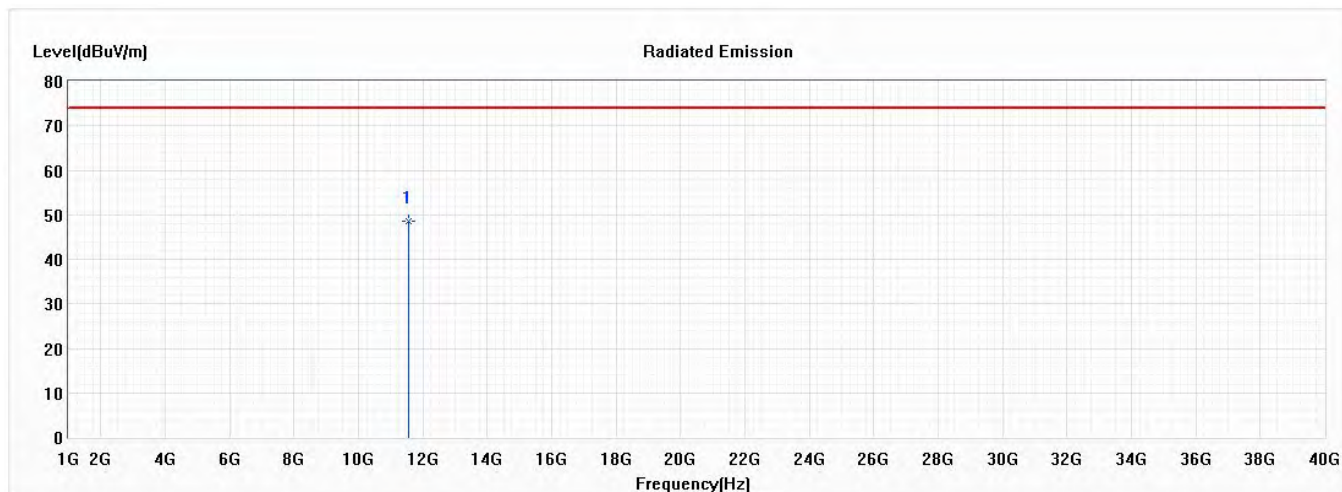
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11490.000 | 46.60 | 74.00 | -27.40 | 42.20 | 4.40 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5785MHz)
 Test Date : 2020/10/19

Horizontal



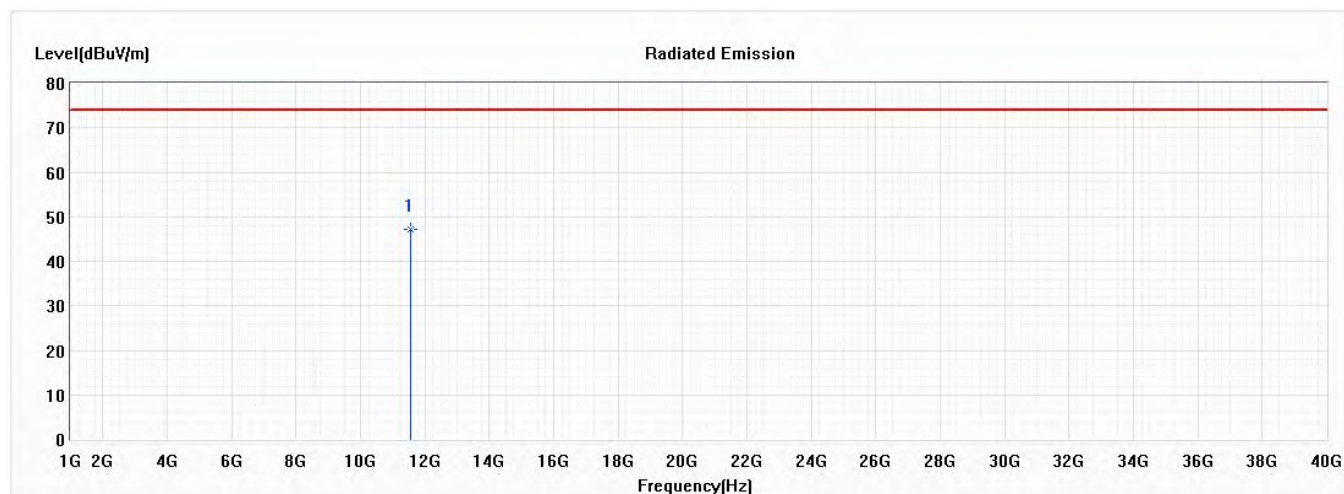
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11570.000 | 48.53 | 74.00 | -25.47 | 43.86 | 4.67 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5785MHz)
 Test Date : 2020/10/19

Vertical



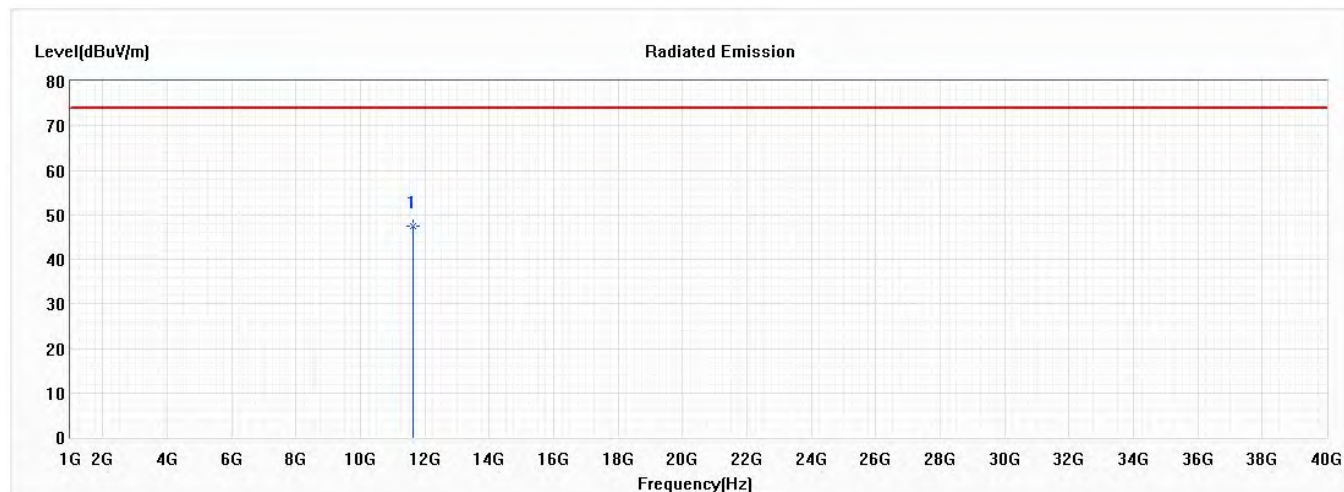
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11570.000 | 47.15 | 74.00 | -26.85 | 42.48 | 4.67 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5825MHz)
 Test Date : 2020/10/19

Horizontal



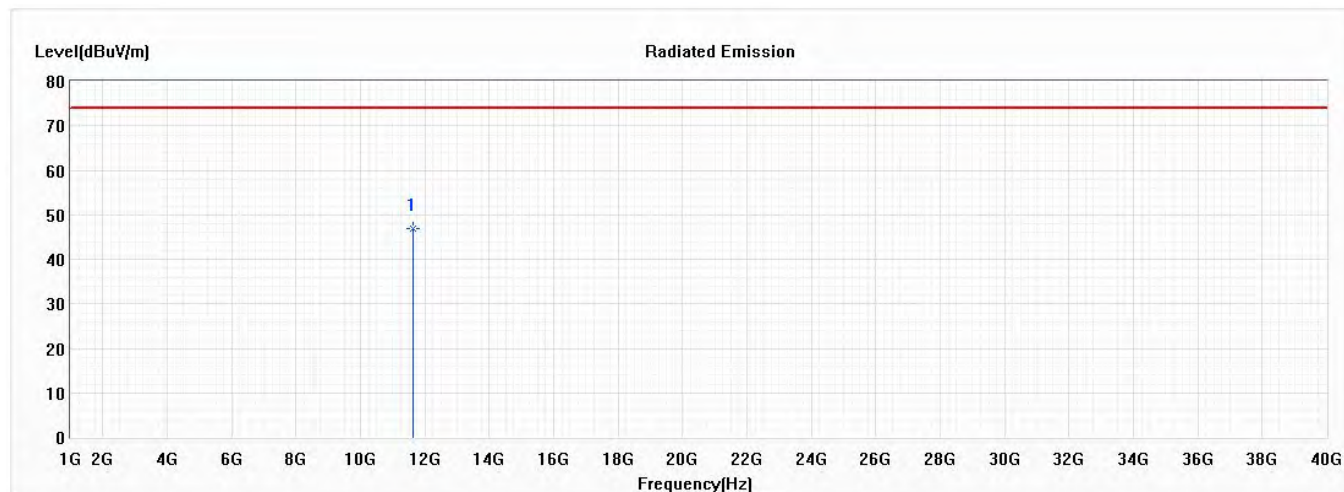
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11650.000 | 47.50 | 74.00 | -26.50 | 42.83 | 4.67 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5825MHz)
 Test Date : 2020/10/19

Vertical



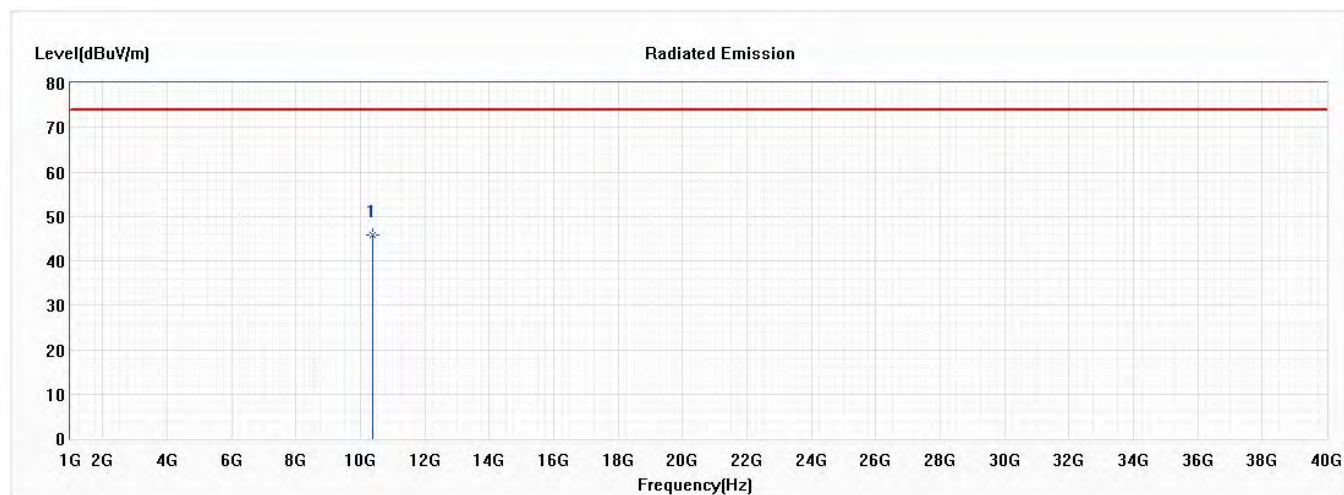
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11650.000 | 46.76 | 74.00 | -27.24 | 42.09 | 4.67 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5190MHz)
 Test Date : 2020/10/19

Horizontal



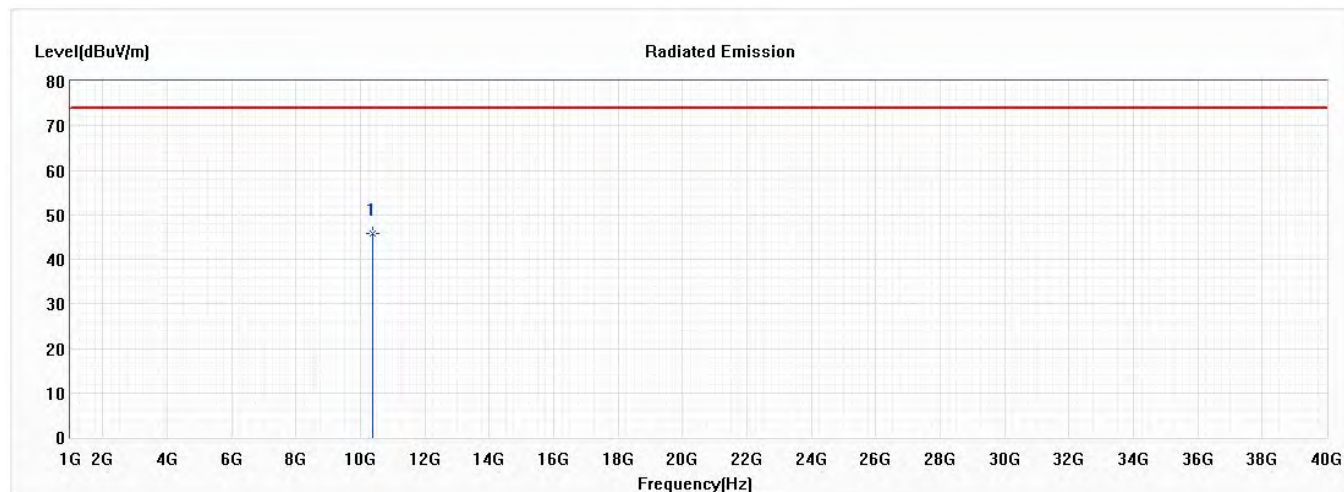
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10380.000 | 45.80 | 74.00 | -28.20 | 43.22 | 2.58 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5190MHz)
 Test Date : 2020/10/19

Vertical



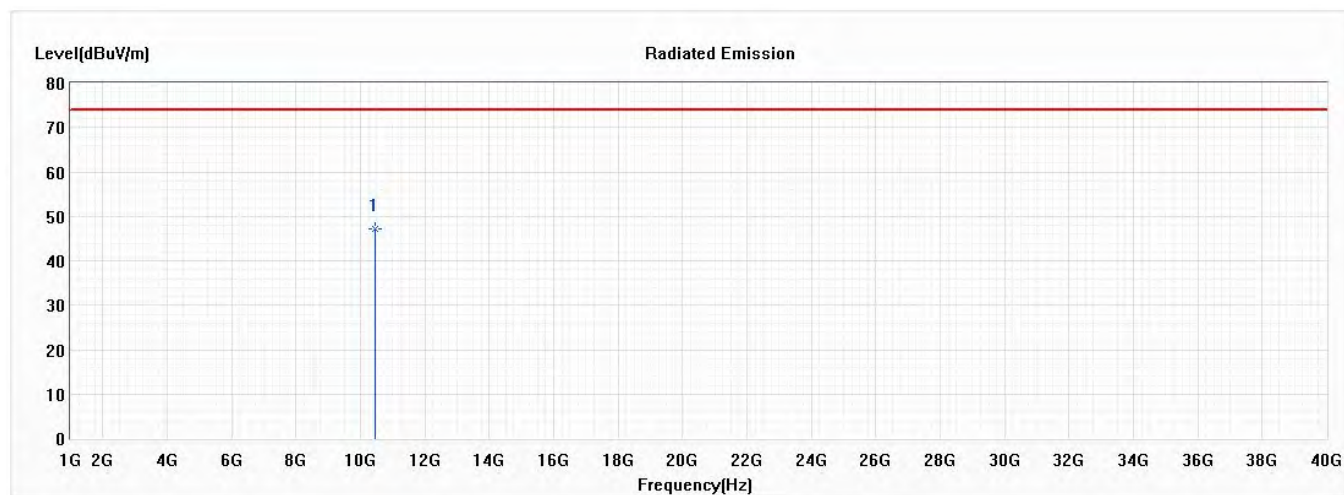
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10380.000 | 45.80 | 74.00 | -28.20 | 43.22 | 2.58 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5230MHz)
 Test Date : 2020/10/19

Horizontal



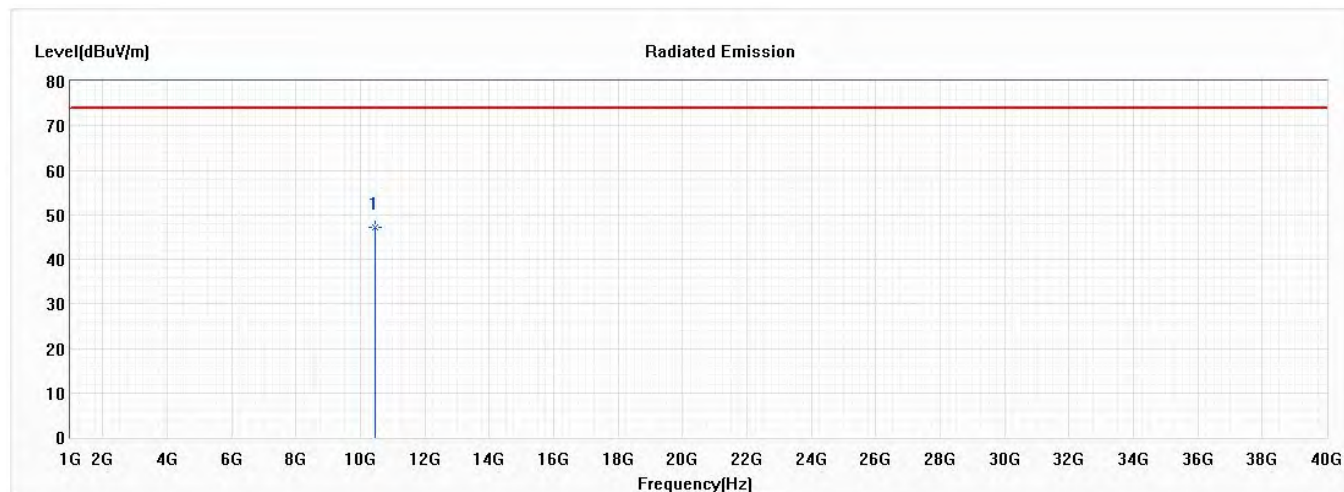
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10460.000 | 47.09 | 74.00 | -26.91 | 43.94 | 3.15 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5230MHz)
 Test Date : 2020/10/19

Vertical



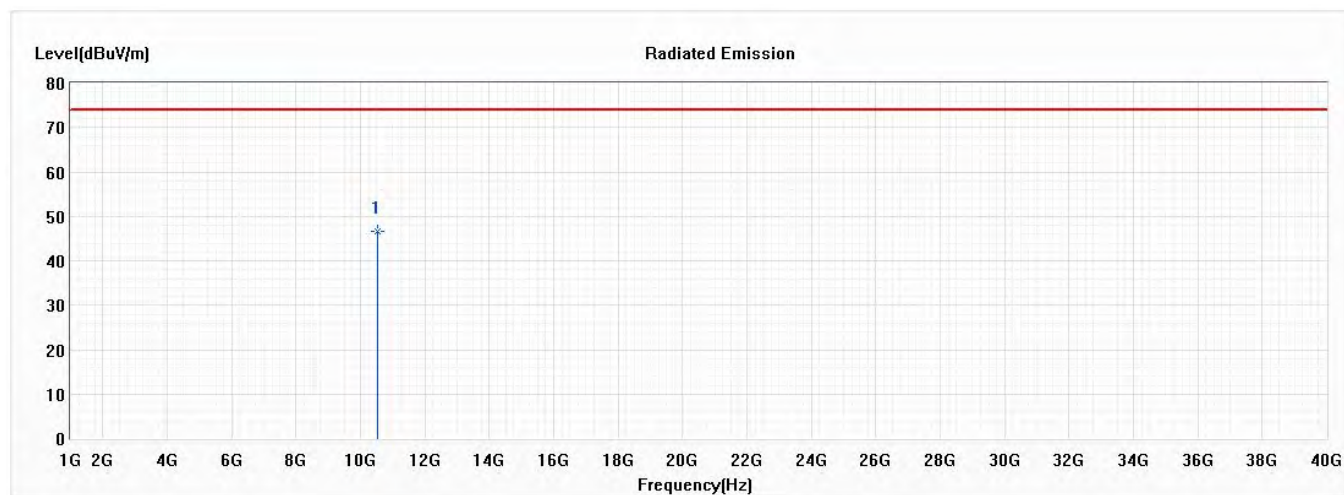
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10460.000 | 47.05 | 74.00 | -26.95 | 43.90 | 3.15 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5270MHz)
 Test Date : 2020/10/19

Horizontal



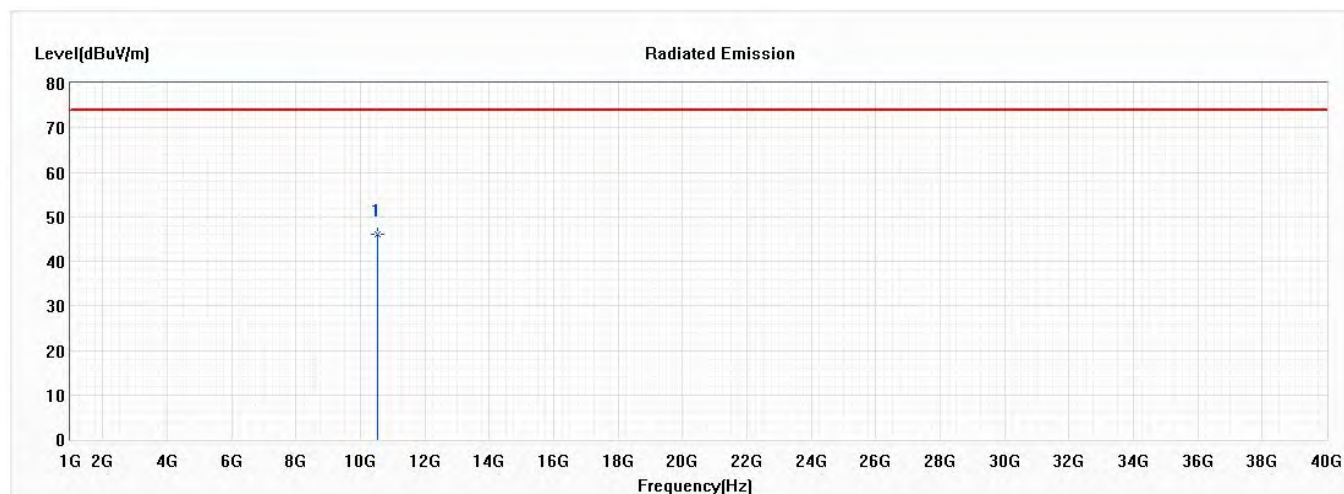
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10540.000 | 46.54 | 74.00 | -27.46 | 43.71 | 2.83 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5270MHz)
 Test Date : 2020/10/19

Vertical



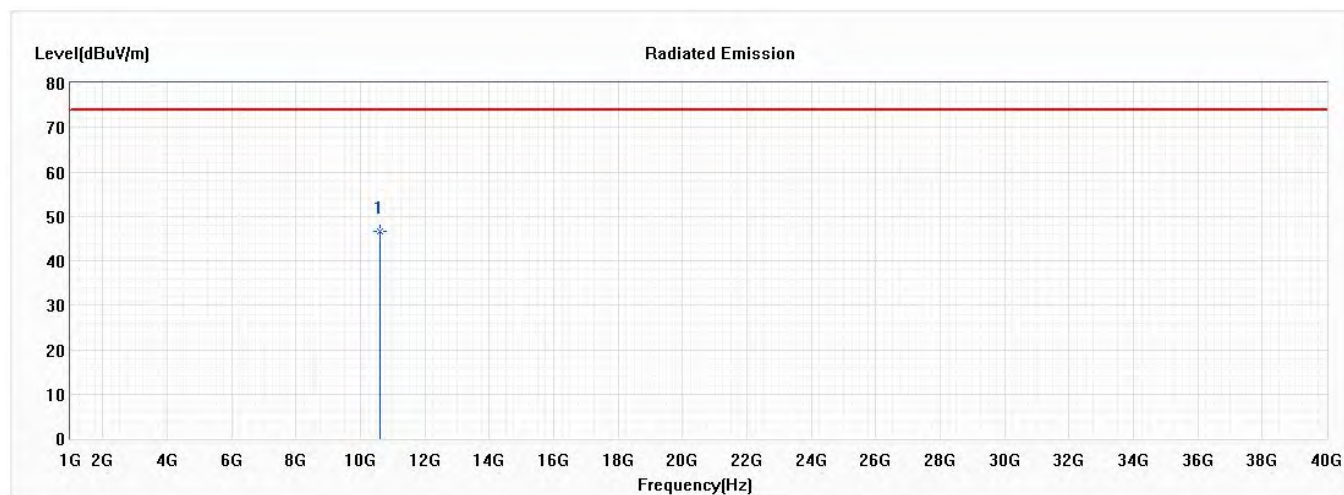
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10540.000 | 46.04 | 74.00 | -27.96 | 43.21 | 2.83 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5310MHz)
 Test Date : 2020/10/19

Horizontal



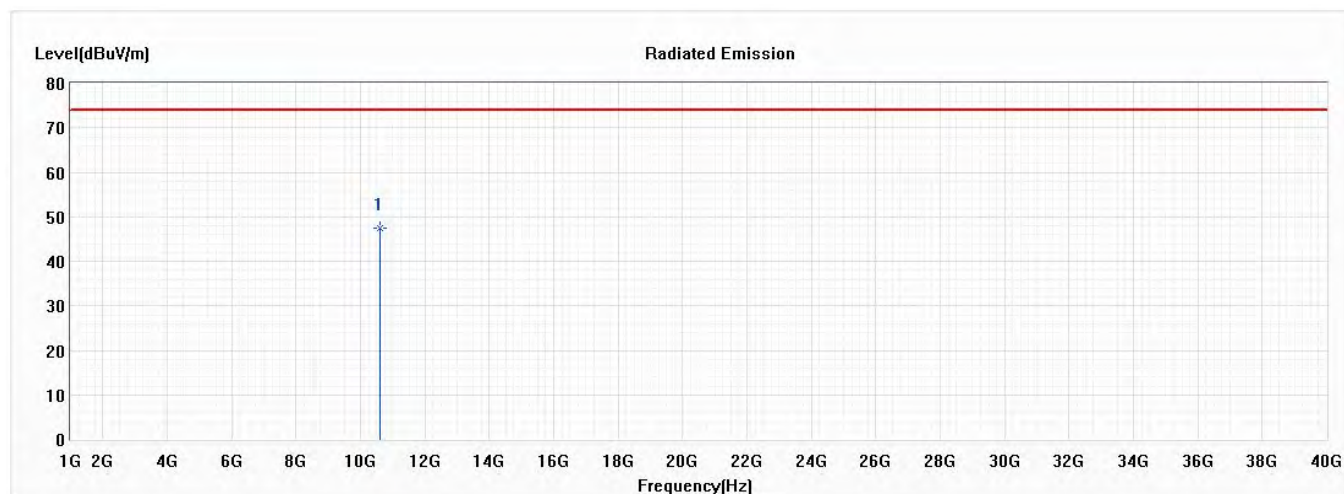
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10620.000 | 46.73 | 74.00 | -27.27 | 43.27 | 3.46 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5310MHz)
 Test Date : 2020/10/19

Vertical



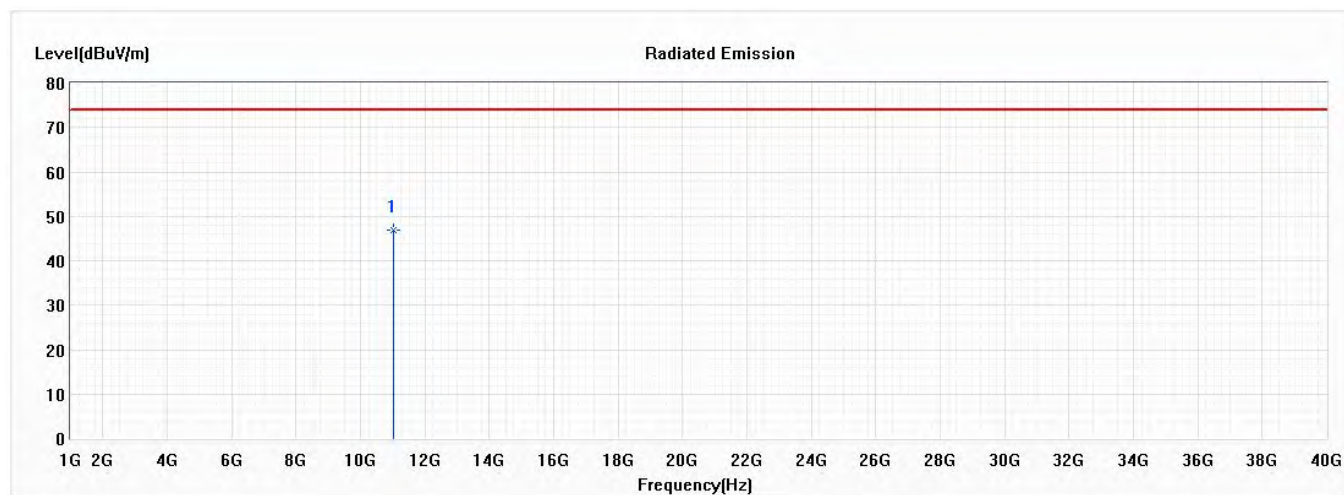
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10620.000 | 47.55 | 74.00 | -26.45 | 44.09 | 3.46 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5510MHz)
 Test Date : 2020/10/19

Horizontal



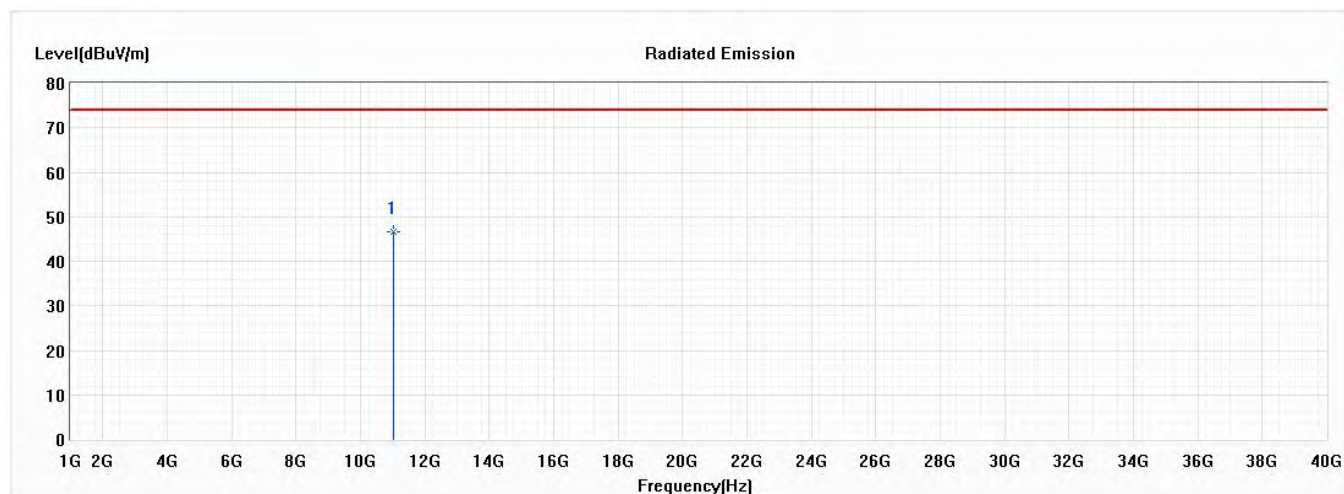
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11020.000 | 46.99 | 74.00 | -27.01 | 43.19 | 3.80 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5510MHz)
 Test Date : 2020/10/19

Vertical



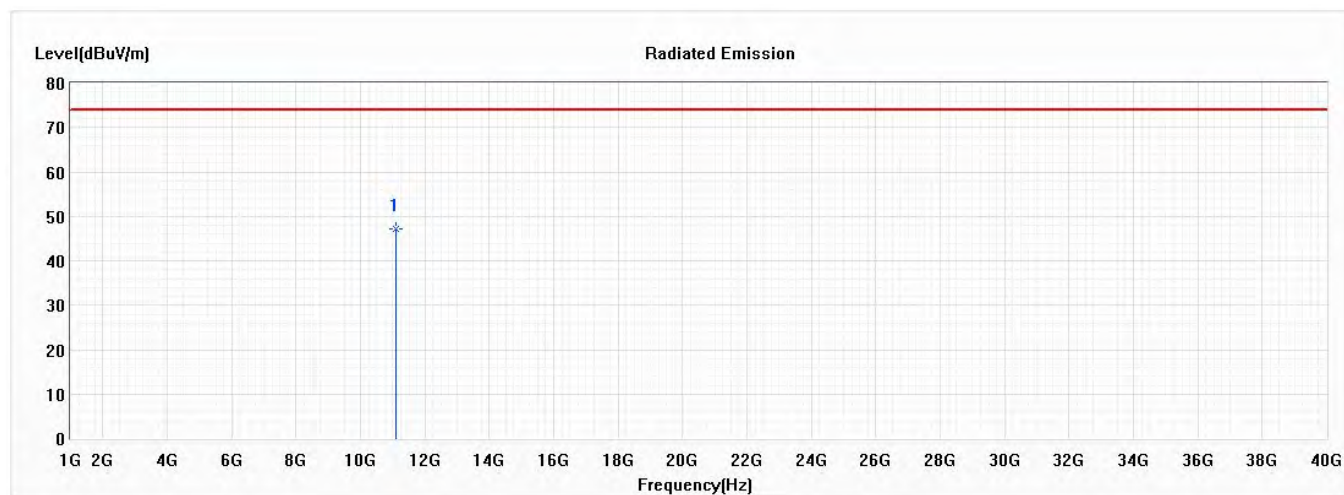
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11020.000 | 46.56 | 74.00 | -27.44 | 42.76 | 3.80 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5550MHz)
 Test Date : 2020/10/19

Horizontal



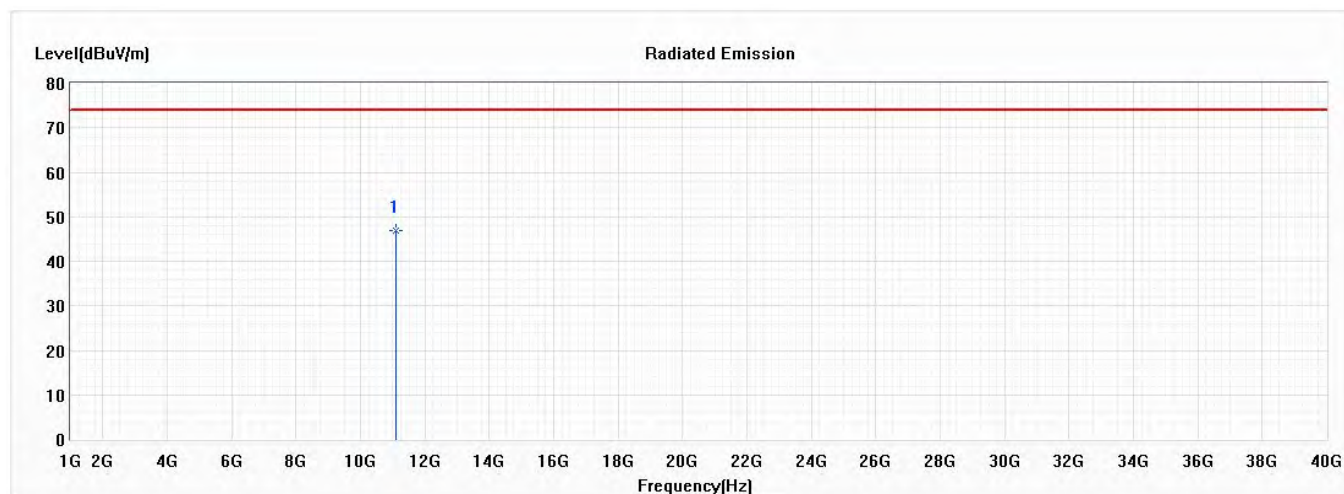
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11100.000 | 47.31 | 74.00 | -26.69 | 43.67 | 3.64 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5550MHz)
 Test Date : 2020/10/19

Vertical



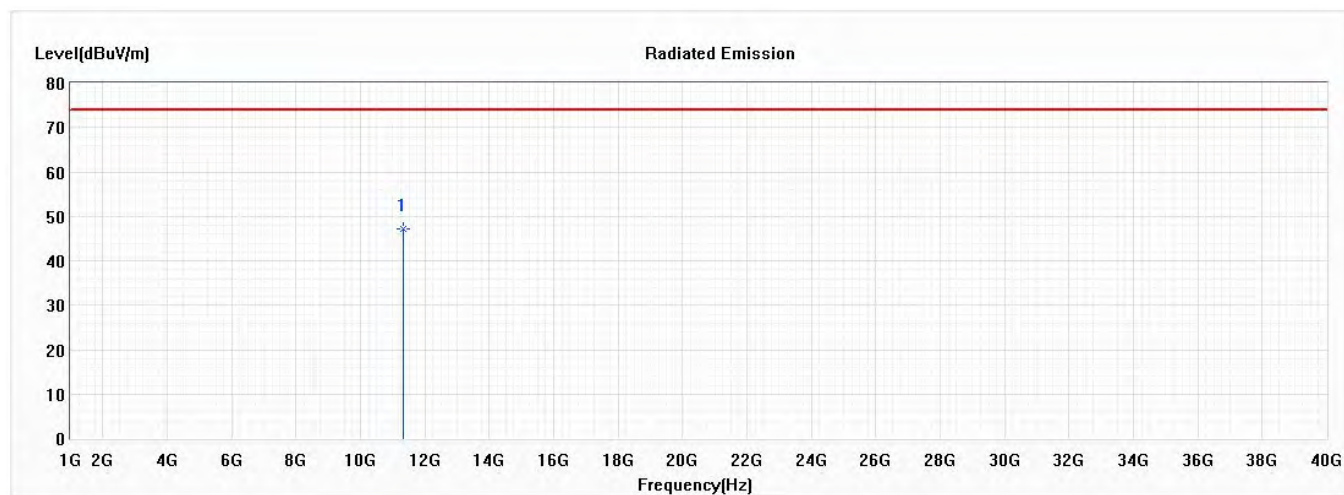
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11100.000 | 46.89 | 74.00 | -27.11 | 43.25 | 3.64 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5670MHz)
 Test Date : 2020/10/19

Horizontal



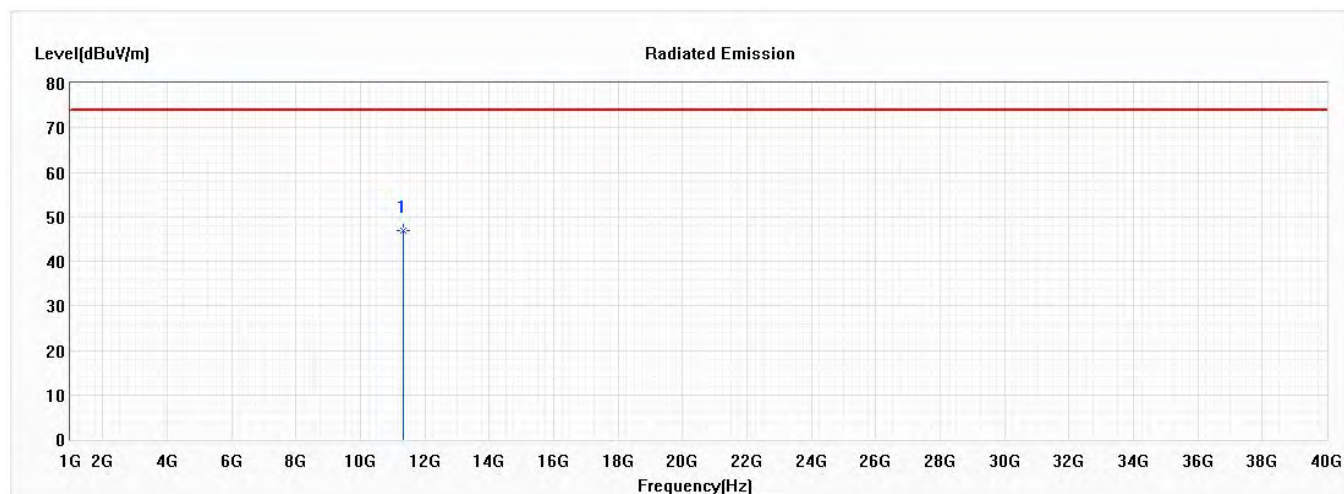
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11340.000 | 47.07 | 74.00 | -26.93 | 43.12 | 3.95 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5670MHz)
 Test Date : 2020/10/19

Vertical



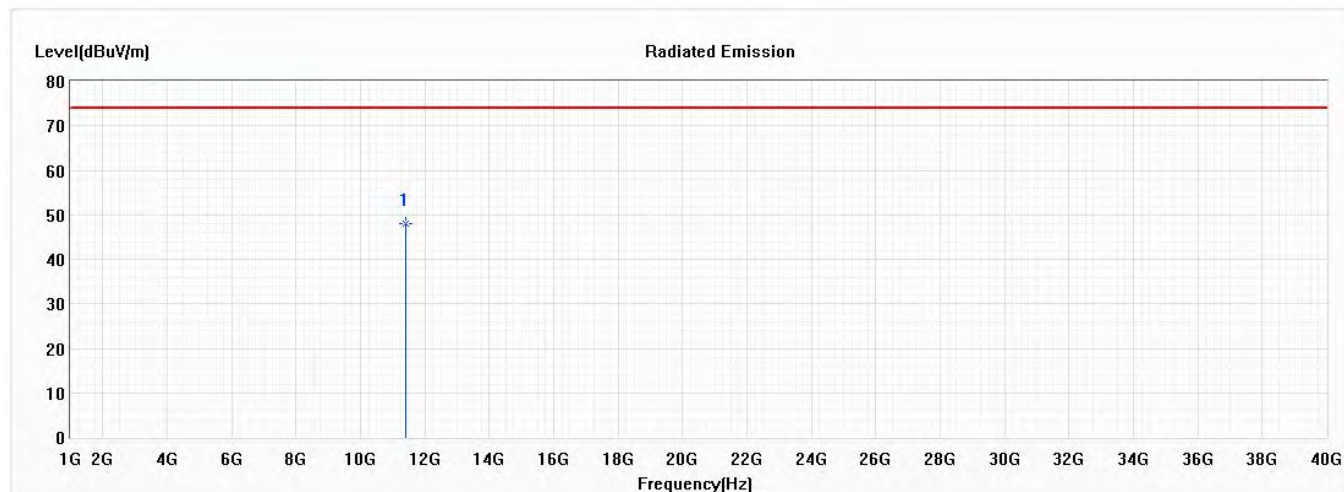
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11340.000 | 46.81 | 74.00 | -27.19 | 42.86 | 3.95 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5710MHz)
 Test Date : 2020/10/19

Horizontal



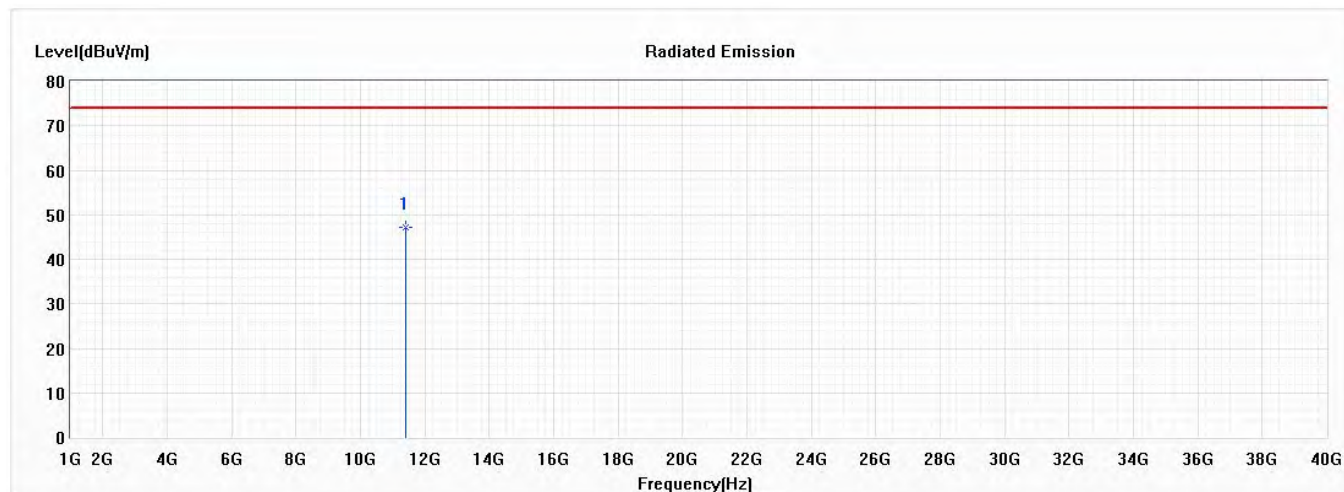
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11420.000 | 48.07 | 74.00 | -25.93 | 43.72 | 4.35 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5710MHz)
 Test Date : 2020/10/19

Vertical



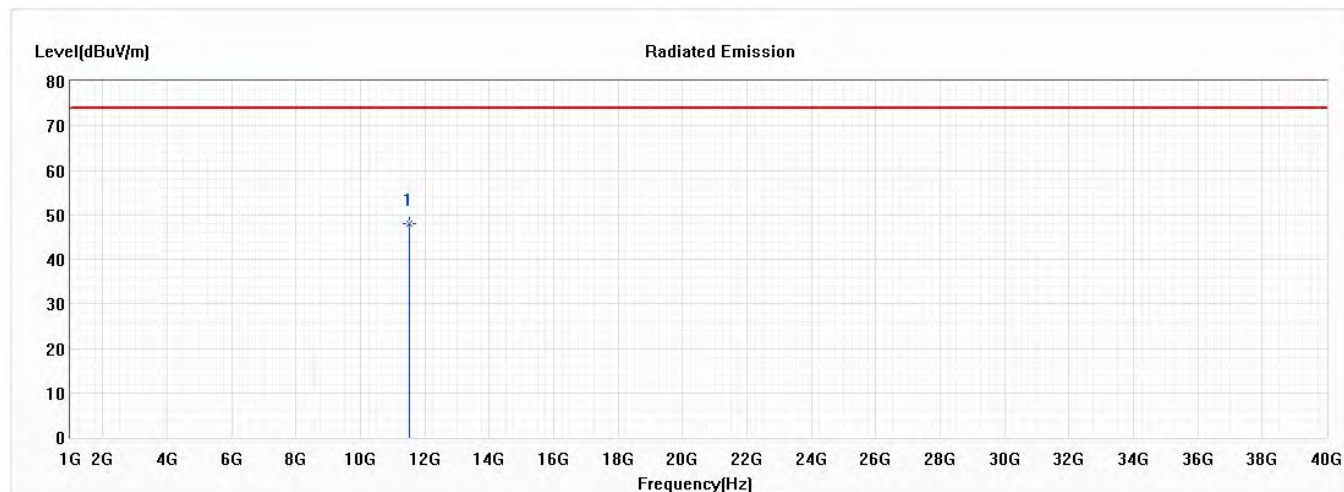
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11420.000 | 47.16 | 74.00 | -26.84 | 42.81 | 4.35 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5755MHz)
 Test Date : 2020/10/19

Horizontal



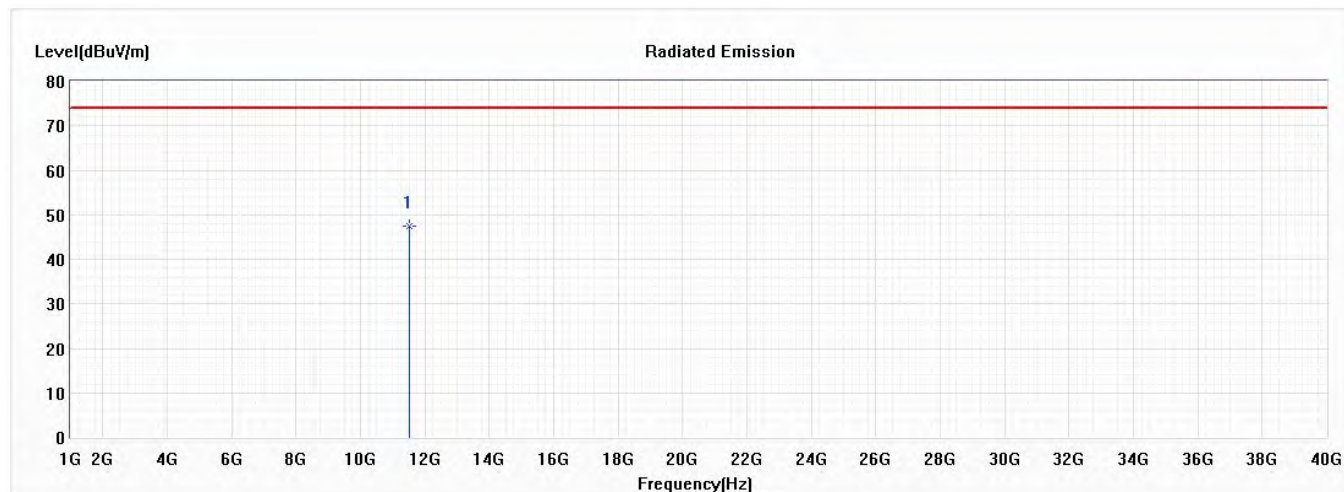
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11510.000 | 48.05 | 74.00 | -25.95 | 43.75 | 4.30 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5755MHz)
 Test Date : 2020/10/19

Vertical



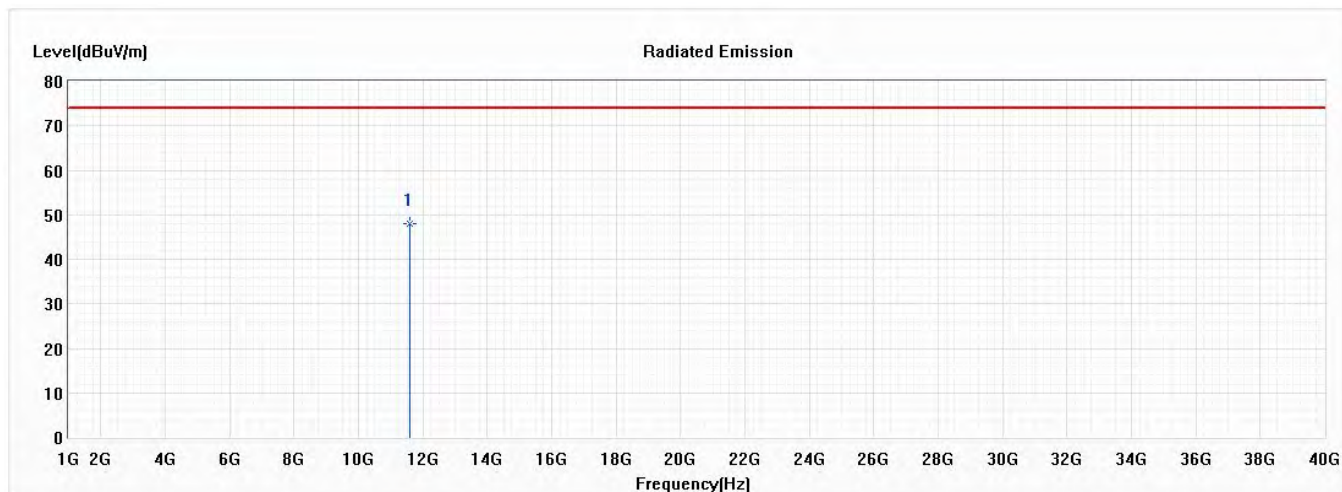
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11510.000 | 47.41 | 74.00 | -26.59 | 43.11 | 4.30 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5795MHz)
 Test Date : 2020/10/19

Horizontal



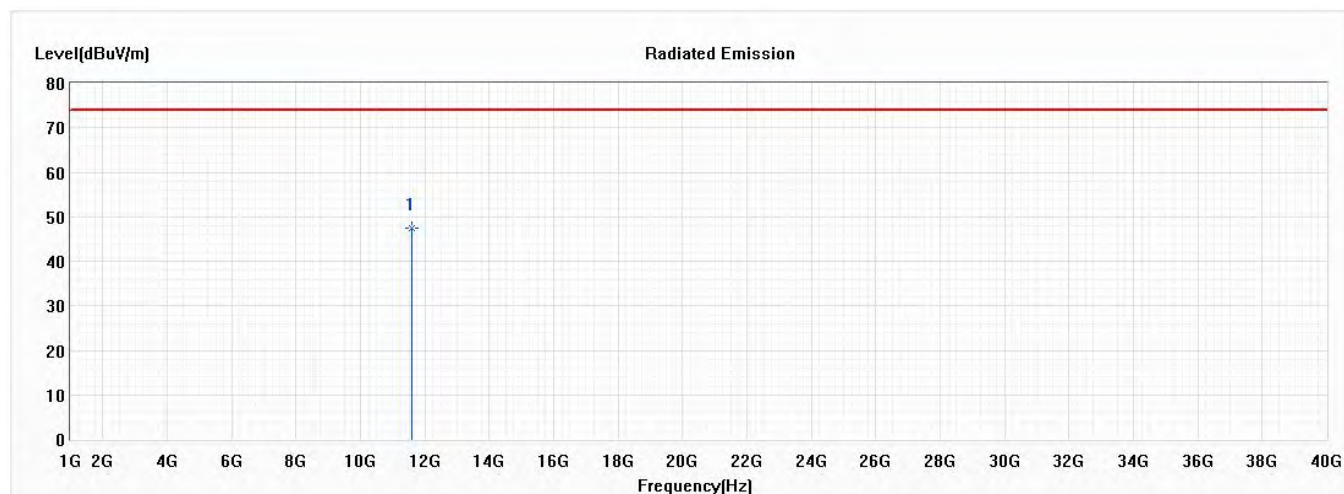
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11590.000 | 47.91 | 74.00 | -26.09 | 43.08 | 4.83 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5795MHz)
 Test Date : 2020/10/19

Vertical



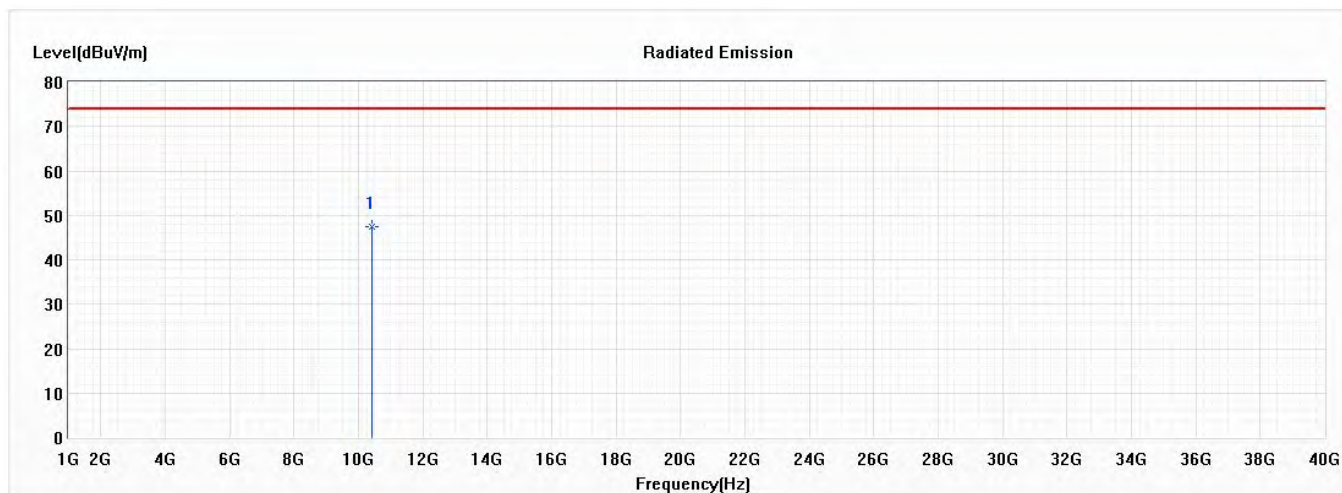
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11590.000 | 47.55 | 74.00 | -26.45 | 42.72 | 4.83 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 4: Transmit (802.11ac-80BW 36Mbps) (5210MHz)
 Test Date : 2020/10/19

Horizontal



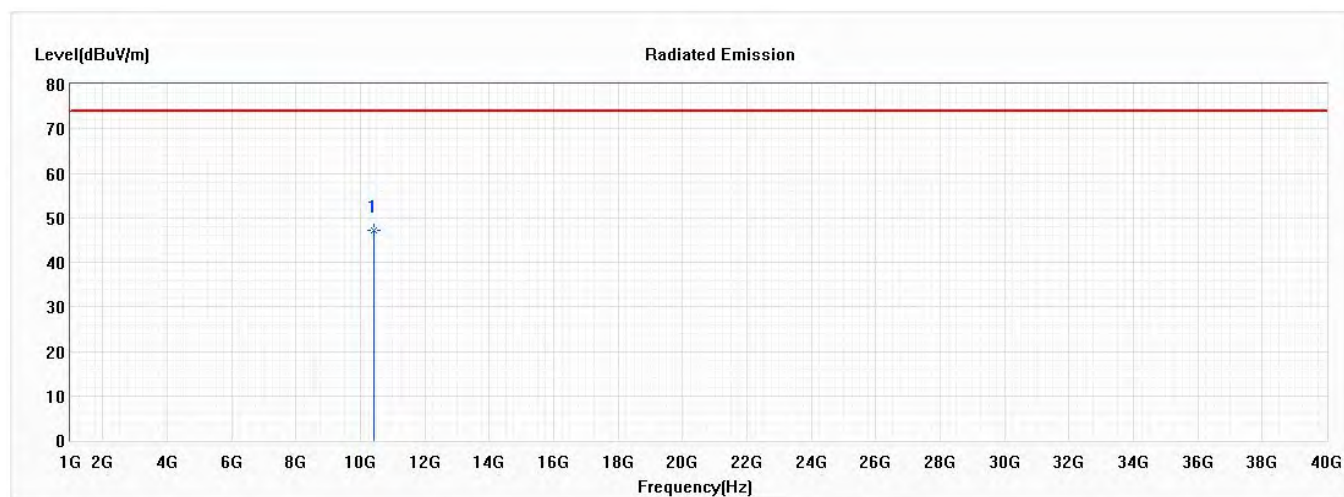
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10420.000 | 47.33 | 74.00 | -26.67 | 44.54 | 2.79 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 4: Transmit (802.11ac-80BW 36Mbps) (5210MHz)
 Test Date : 2020/10/19

Vertical



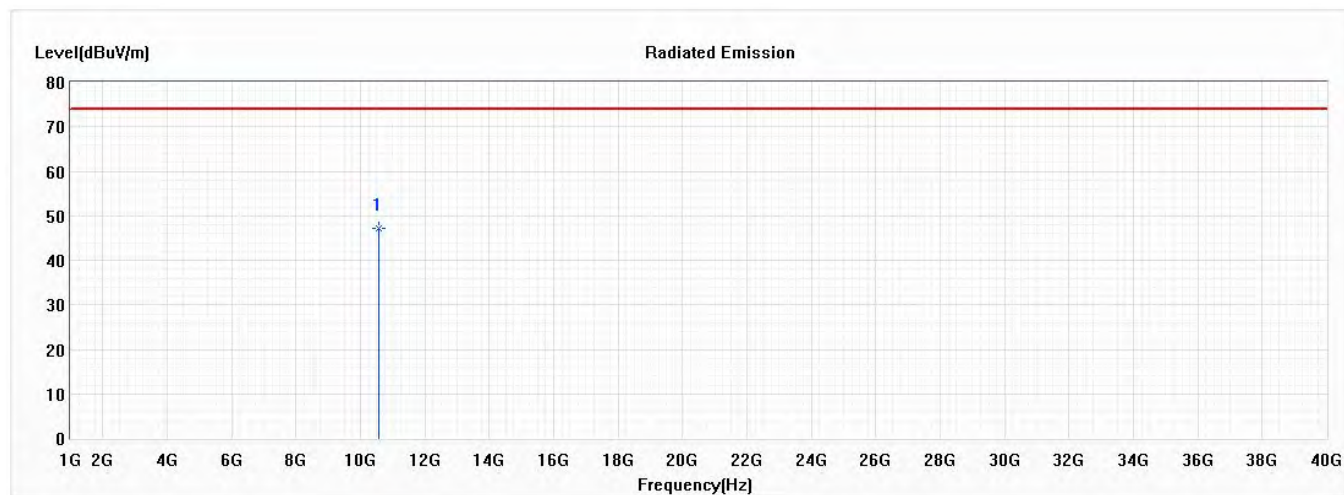
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10420.000 | 47.15 | 74.00 | -26.85 | 44.36 | 2.79 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 4: Transmit (802.11ac-80BW 36Mbps) (5290MHz)
 Test Date : 2020/10/19

Horizontal



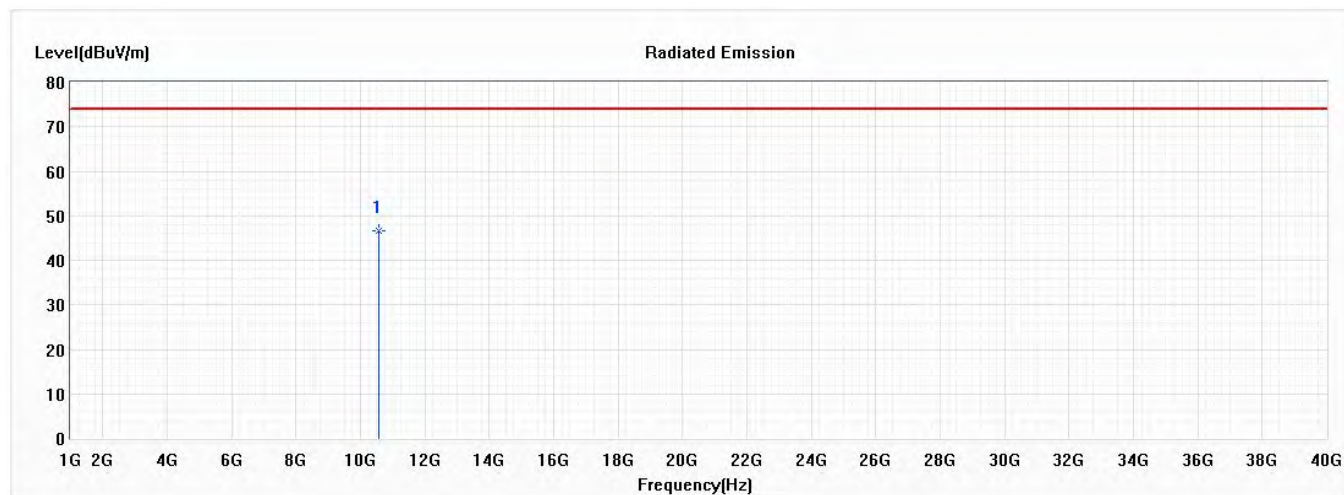
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10580.000 | 47.11 | 74.00 | -26.89 | 44.00 | 3.11 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 4: Transmit (802.11ac-80BW 36Mbps) (5290MHz)
 Test Date : 2020/10/19

Vertical



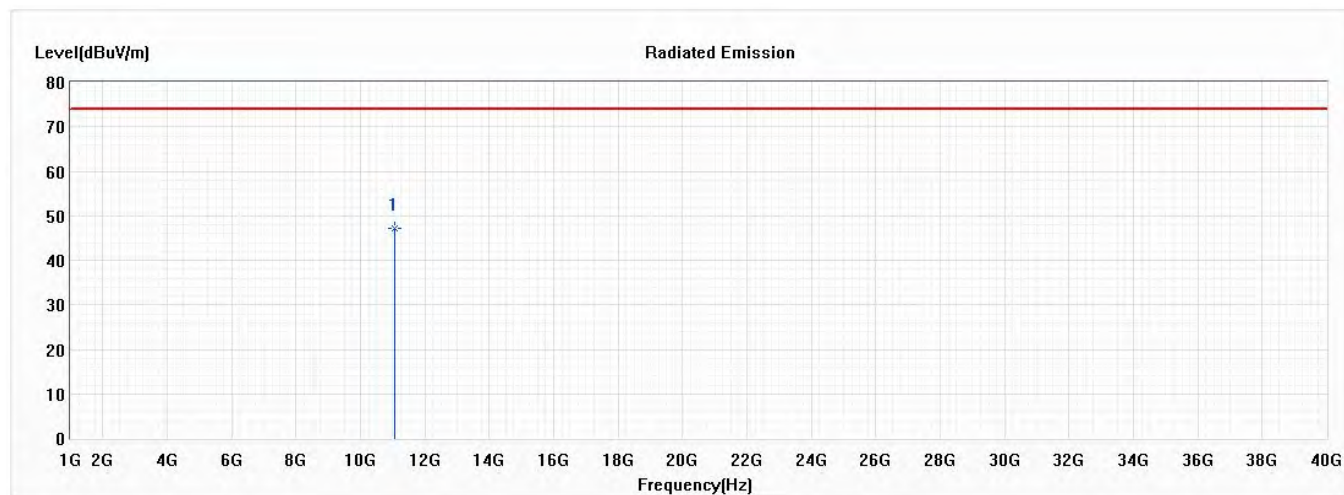
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 10580.000 | 46.71 | 74.00 | -27.29 | 43.60 | 3.11 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 4: Transmit (802.11ac-80BW 36Mbps) (5530MHz)
 Test Date : 2020/10/19

Horizontal



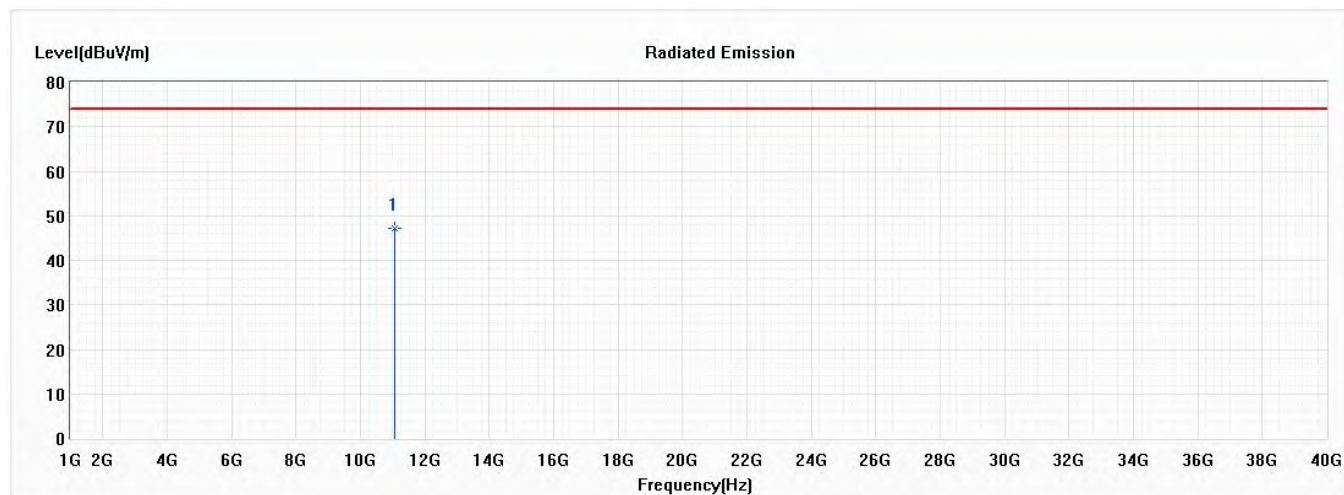
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11060.000 | 47.12 | 74.00 | -26.88 | 43.75 | 3.37 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 4: Transmit (802.11ac-80BW 36Mbps) (5530MHz)
 Test Date : 2020/10/19

Vertical



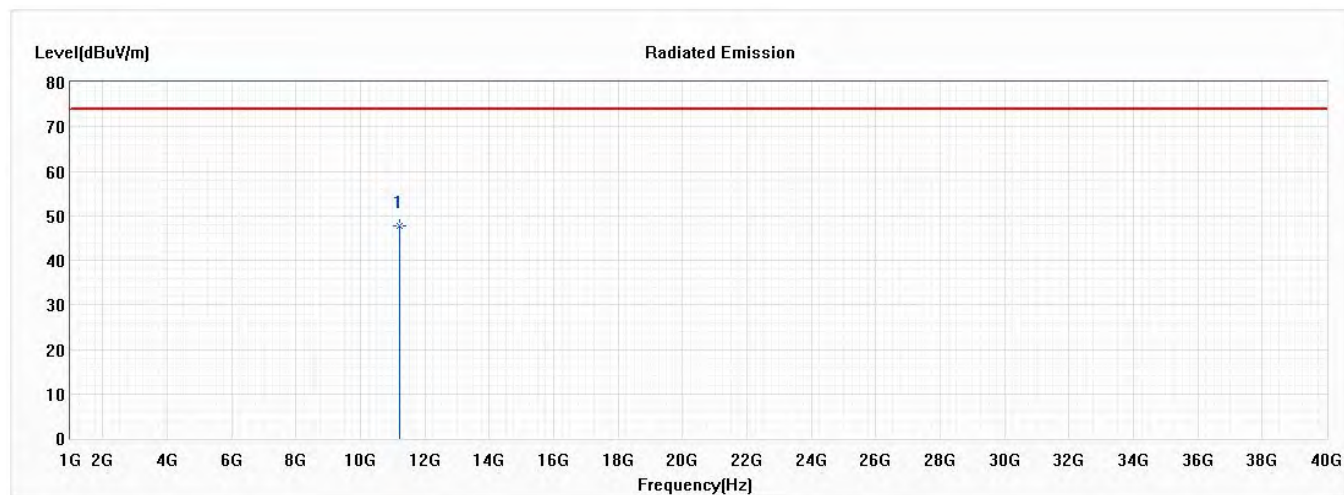
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11060.000 | 47.11 | 74.00 | -26.89 | 43.74 | 3.37 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 4: Transmit (802.11ac-80BW 36Mbps) (5610MHz)
 Test Date : 2020/10/19

Horizontal



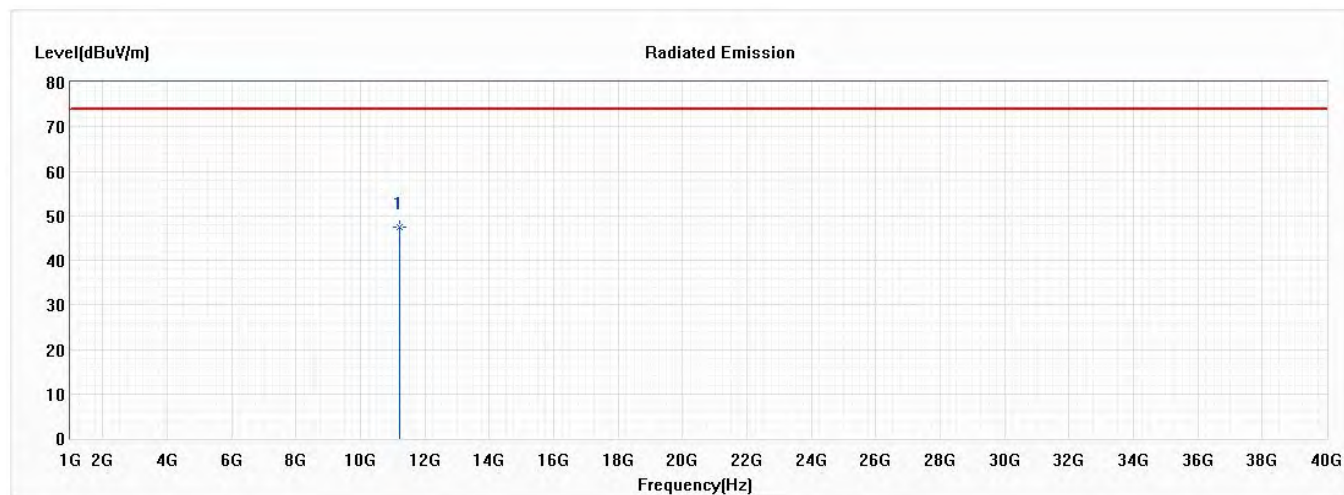
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11220.000 | 47.70 | 74.00 | -26.30 | 43.91 | 3.79 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 4: Transmit (802.11ac-80BW 36Mbps) (5610MHz)
 Test Date : 2020/10/19

Vertical



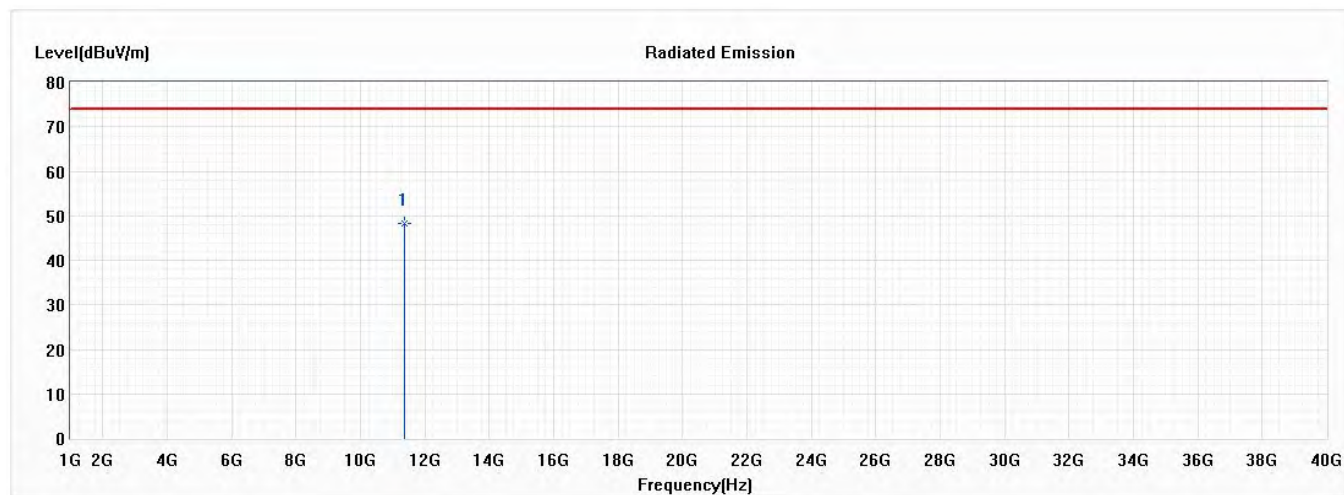
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11220.000 | 47.32 | 74.00 | -26.68 | 43.53 | 3.79 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 4: Transmit (802.11ac-80BW 36Mbps) (5690MHz)
 Test Date : 2020/10/19

Horizontal



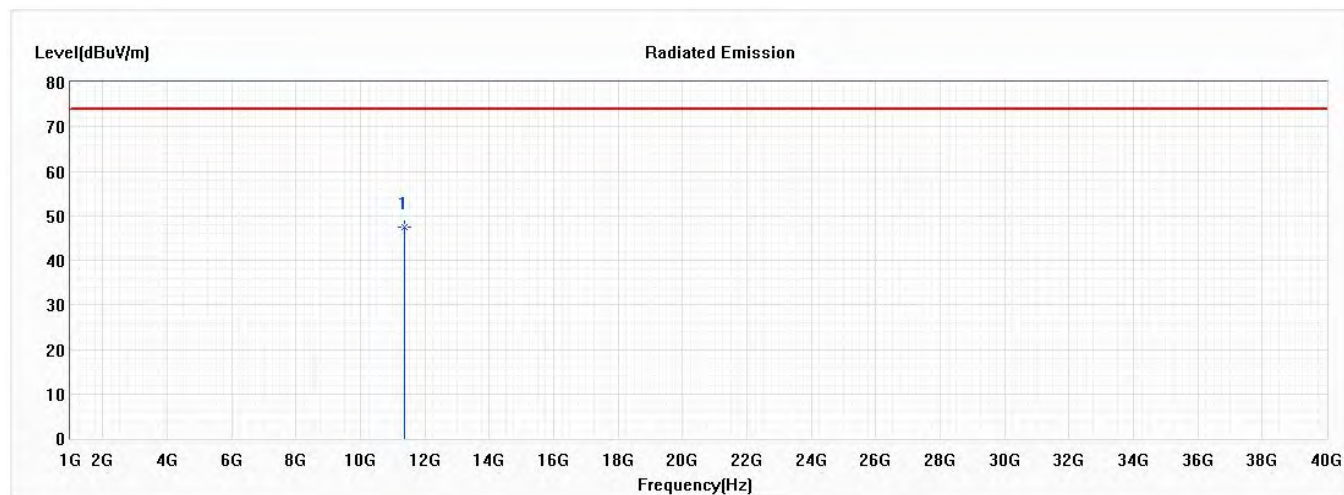
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11380.000 | 48.41 | 74.00 | -25.59 | 44.27 | 4.14 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 4: Transmit (802.11ac-80BW 36Mbps) (5690MHz)
 Test Date : 2020/10/19

Vertical



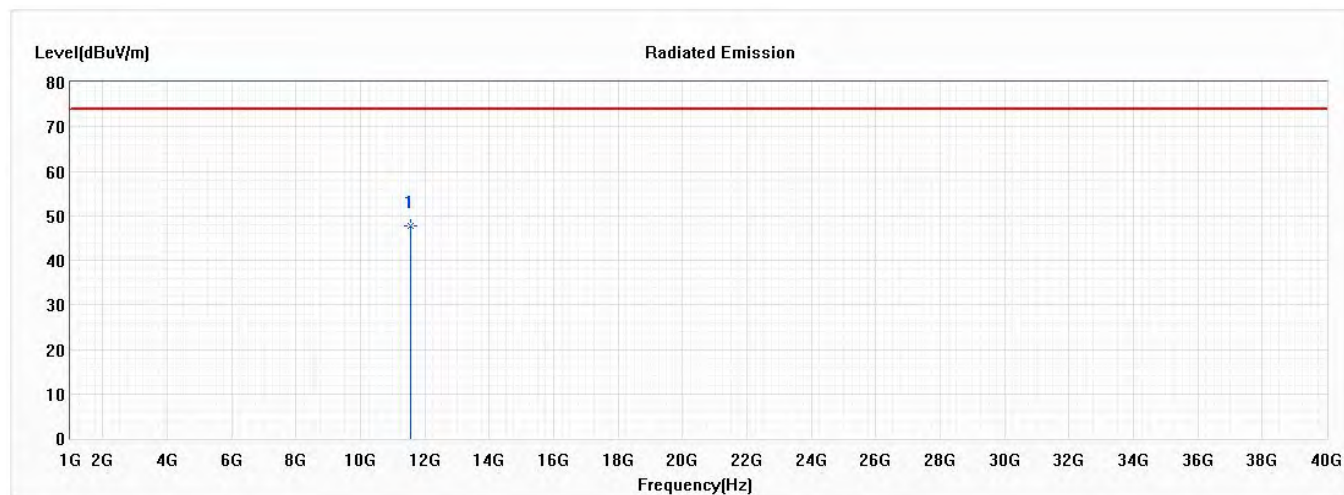
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11380.000 | 47.53 | 74.00 | -26.47 | 43.39 | 4.14 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 4: Transmit (802.11ac-80BW 36Mbps) (5775MHz)
 Test Date : 2020/10/19

Horizontal



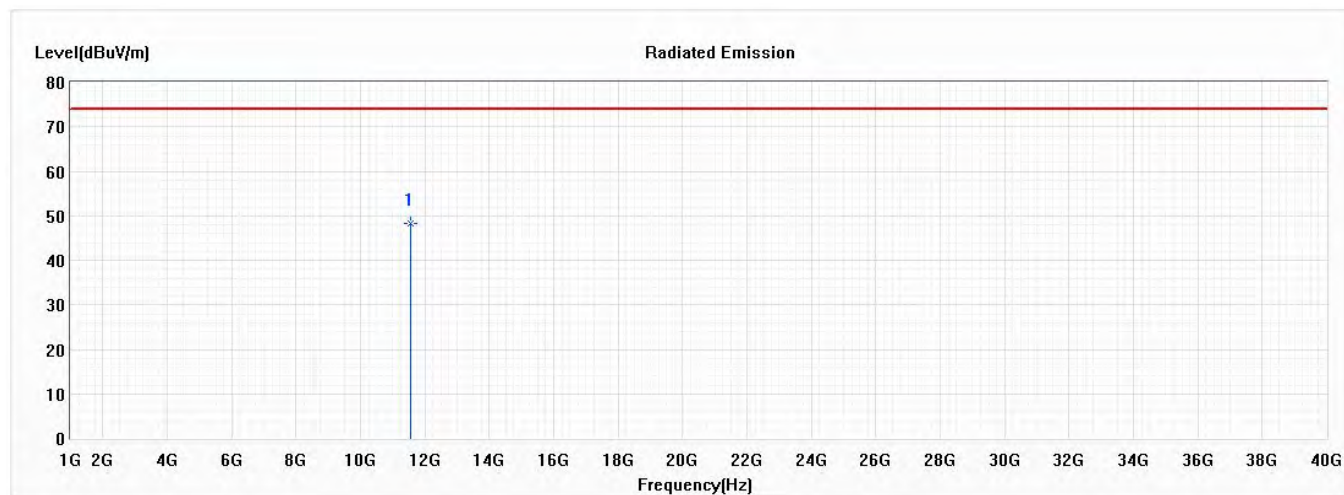
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11550.000 | 47.79 | 74.00 | -26.21 | 43.37 | 4.42 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : Harmonic Radiated Emission Data
 Test Mode : Mode 4: Transmit (802.11ac-80BW 36Mbps) (5775MHz)
 Test Date : 2020/10/19

Vertical



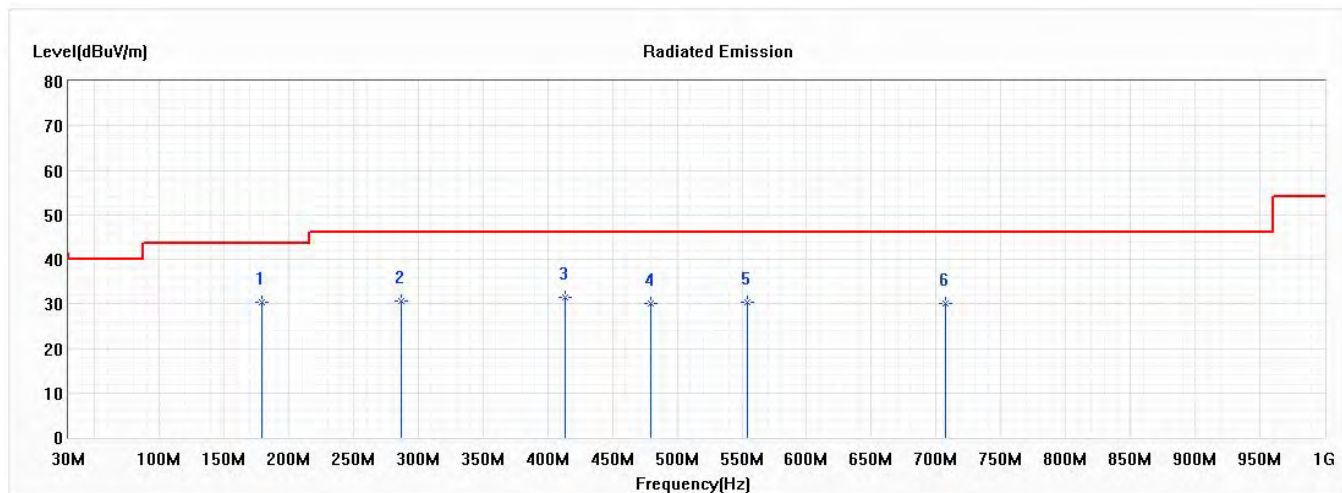
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 11550.000 | 48.28 | 74.00 | -25.72 | 43.86 | 4.42 | PK |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The average measurement was not performed when the peak measured data under the limit of average detection.
5. The emission levels of other frequencies are very lower than the limit and not show in test report.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5220MHz)
 Test Date : 2020/10/23

Horizontal



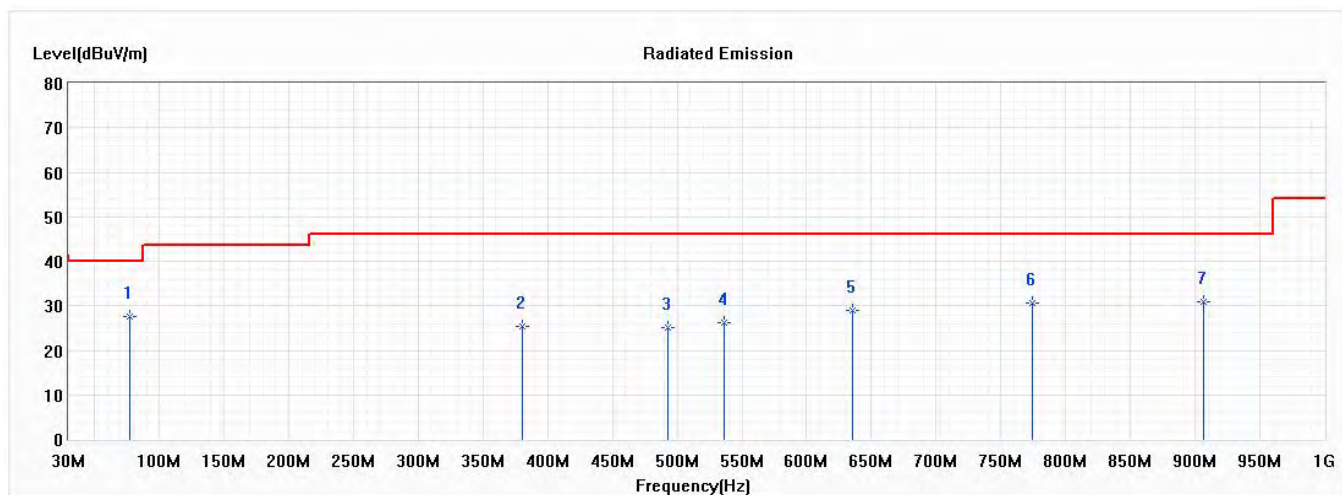
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 179.380 | 30.43 | 43.50 | -13.07 | 41.70 | -11.27 | QP |
| 2 | 287.050 | 30.74 | 46.00 | -15.26 | 39.99 | -9.25 | QP |
| 3 | 413.150 | 31.34 | 46.00 | -14.66 | 37.63 | -6.29 | QP |
| 4 | 479.110 | 29.99 | 46.00 | -16.01 | 34.55 | -4.56 | QP |
| 5 | 553.800 | 30.45 | 46.00 | -15.55 | 34.01 | -3.56 | QP |
| 6 | 707.060 | 30.03 | 46.00 | -15.97 | 30.99 | -0.96 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5220MHz)
 Test Date : 2020/10/23

Vertical



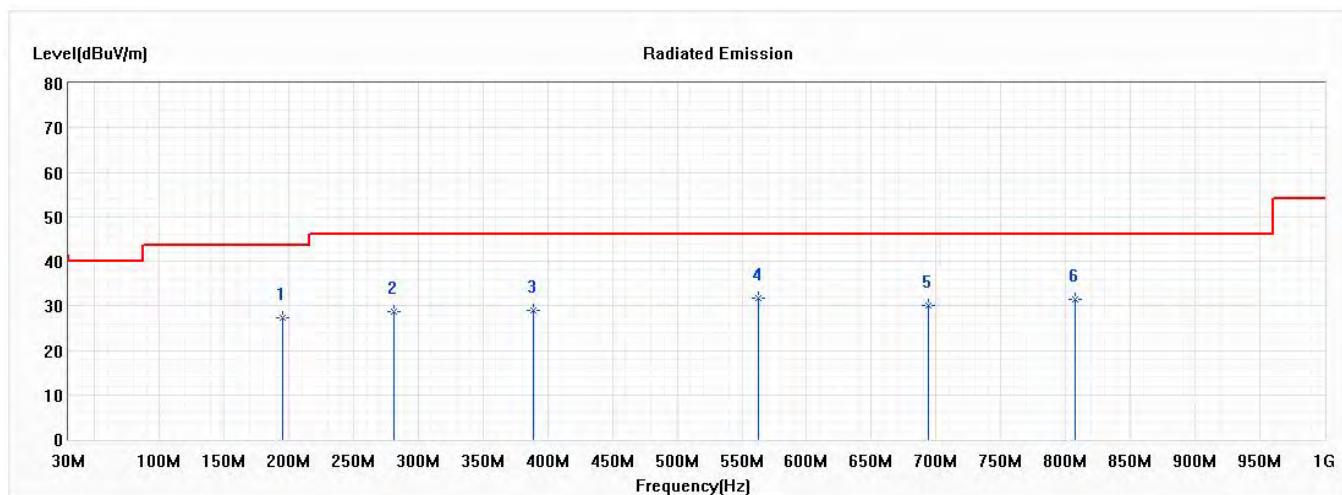
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 77.530 | 27.53 | 40.00 | -12.47 | 41.85 | -14.32 | QP |
| 2 | 380.170 | 25.35 | 46.00 | -20.65 | 32.14 | -6.79 | QP |
| 3 | 492.690 | 25.05 | 46.00 | -20.95 | 29.59 | -4.54 | QP |
| 4 | 536.340 | 26.26 | 46.00 | -19.74 | 29.95 | -3.69 | QP |
| 5 | 635.280 | 29.00 | 46.00 | -17.00 | 30.85 | -1.85 | QP |
| 6 | 773.990 | 30.59 | 46.00 | -15.41 | 30.25 | 0.34 | QP |
| 7 | 906.880 | 30.94 | 46.00 | -15.06 | 29.00 | 1.94 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5300MHz)
 Test Date : 2020/10/23

Horizontal



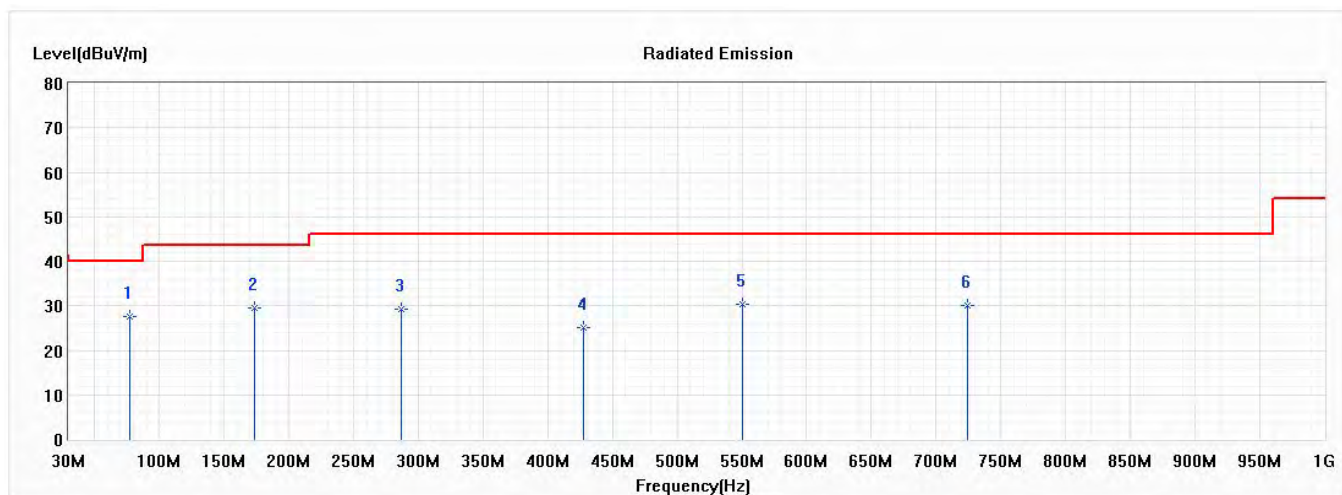
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| 1 | 194.900 | 27.32 | 43.50 | -16.18 | 39.43 | -12.11 | QP |
| 2 | 281.230 | 28.67 | 46.00 | -17.33 | 38.10 | -9.43 | QP |
| 3 | 388.900 | 28.96 | 46.00 | -17.04 | 35.63 | -6.67 | QP |
| * 4 | 562.530 | 31.61 | 46.00 | -14.39 | 34.84 | -3.23 | QP |
| 5 | 694.450 | 29.99 | 46.00 | -16.01 | 31.28 | -1.29 | QP |
| 6 | 806.970 | 31.33 | 46.00 | -14.67 | 30.69 | 0.64 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5300MHz)
 Test Date : 2020/10/23

Vertical



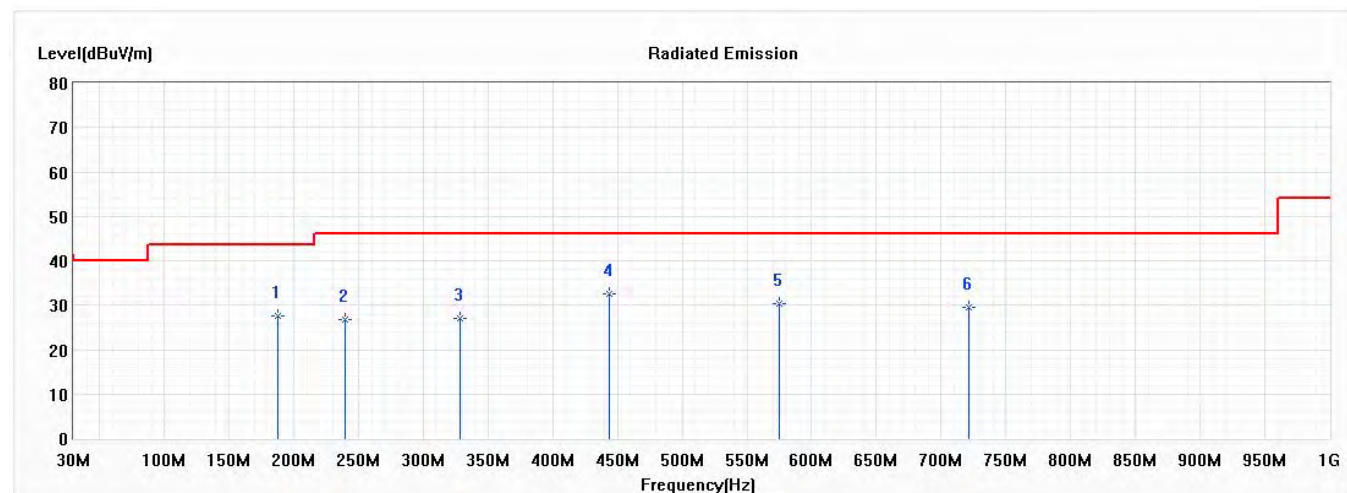
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 77.530 | 27.53 | 40.00 | -12.47 | 41.85 | -14.32 | QP |
| 2 | 173.560 | 29.46 | 43.50 | -14.04 | 40.07 | -10.61 | QP |
| 3 | 287.050 | 29.35 | 46.00 | -16.65 | 38.60 | -9.25 | QP |
| 4 | 427.700 | 25.22 | 46.00 | -20.78 | 31.09 | -5.87 | QP |
| 5 | 550.890 | 30.23 | 46.00 | -15.77 | 33.80 | -3.57 | QP |
| 6 | 724.520 | 29.97 | 46.00 | -16.03 | 30.43 | -0.46 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5580MHz)
 Test Date : 2020/10/23

Horizontal



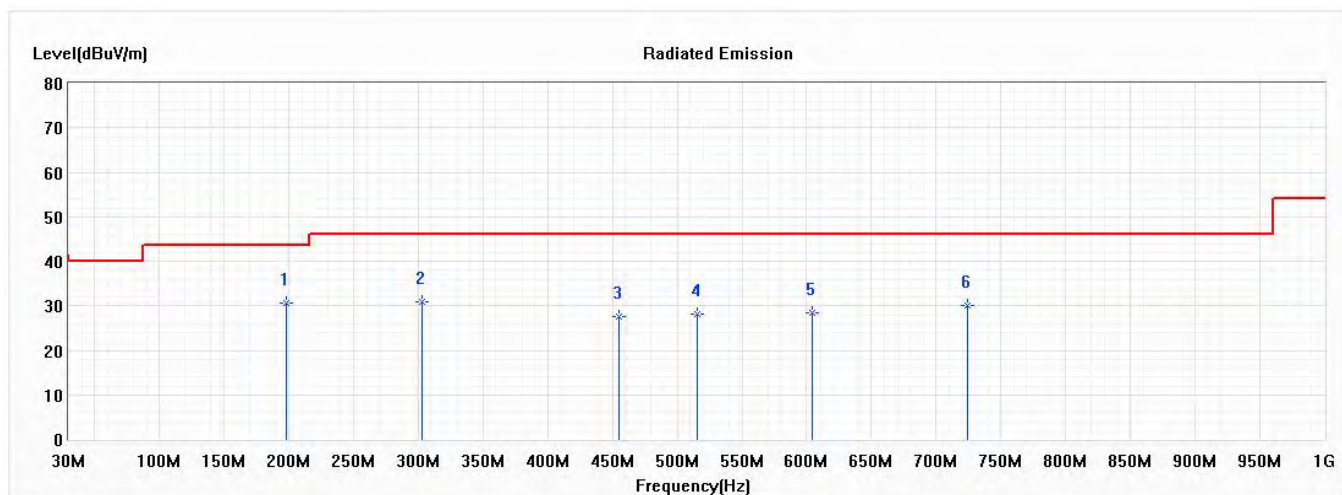
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| 1 | 188.110 | 27.50 | 43.50 | -16.00 | 39.38 | -11.88 | QP |
| 2 | 239.520 | 26.74 | 46.00 | -19.26 | 37.82 | -11.08 | QP |
| 3 | 328.760 | 26.90 | 46.00 | -19.10 | 34.91 | -8.01 | QP |
| * 4 | 443.220 | 32.63 | 46.00 | -13.37 | 38.16 | -5.53 | QP |
| 5 | 575.140 | 30.37 | 46.00 | -15.63 | 33.35 | -2.98 | QP |
| 6 | 721.610 | 29.58 | 46.00 | -16.42 | 30.18 | -0.60 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5580MHz)
 Test Date : 2020/10/23

Vertical

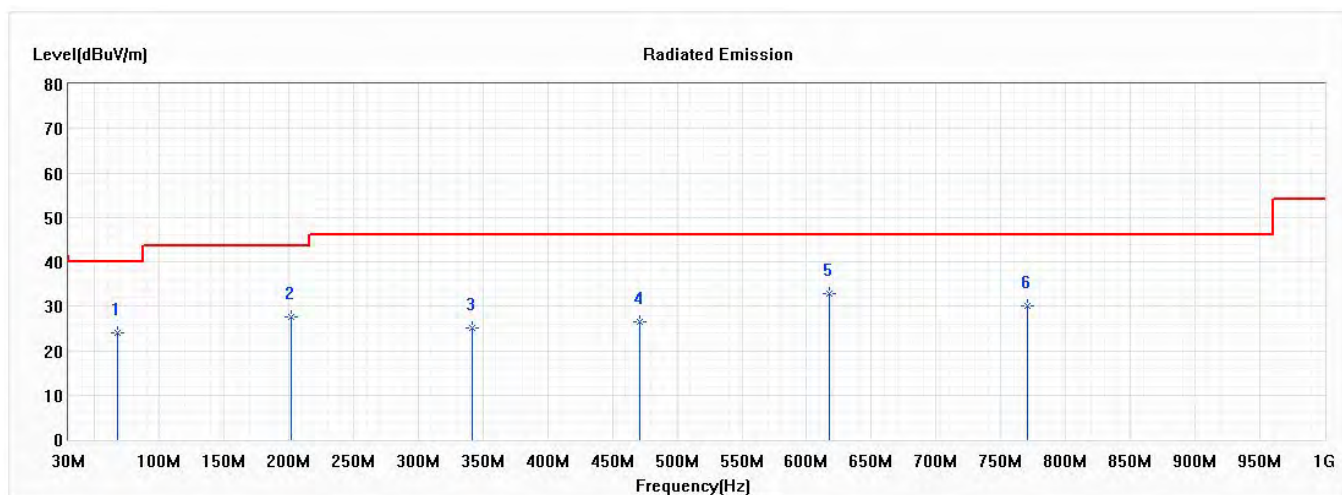


Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5785MHz)
 Test Date : 2020/10/23

Horizontal



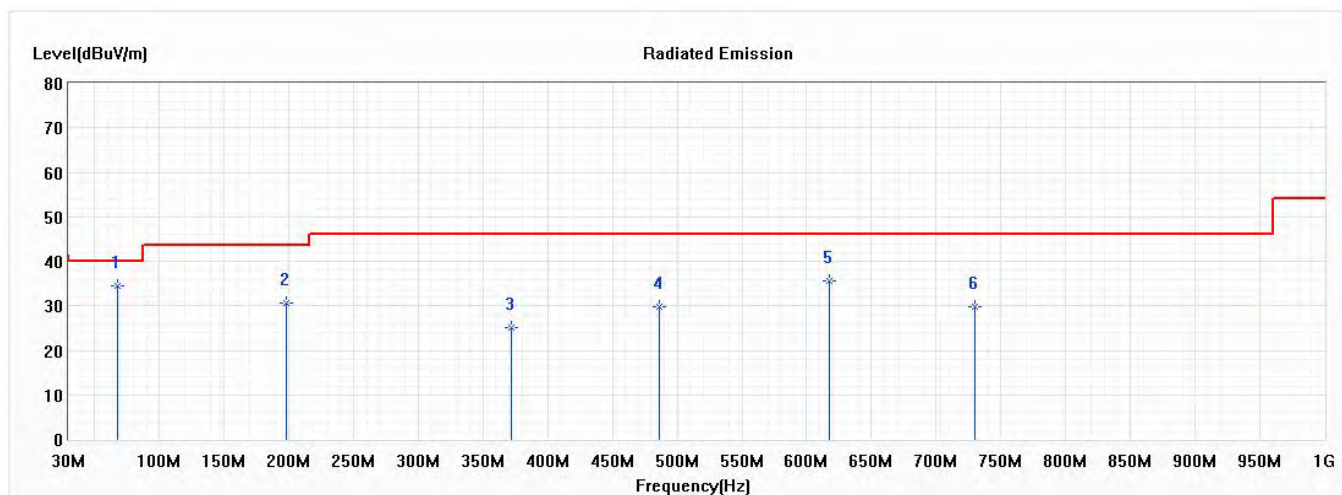
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| 1 | 67.830 | 24.06 | 40.00 | -15.94 | 36.43 | -12.37 | QP |
| 2 | 201.690 | 27.54 | 43.50 | -15.96 | 39.78 | -12.24 | QP |
| 3 | 341.370 | 25.11 | 46.00 | -20.89 | 32.92 | -7.81 | QP |
| 4 | 471.350 | 26.58 | 46.00 | -19.42 | 31.29 | -4.71 | QP |
| * 5 | 617.820 | 32.90 | 46.00 | -13.10 | 34.94 | -2.04 | QP |
| 6 | 770.110 | 29.94 | 46.00 | -16.06 | 29.62 | 0.32 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 1: Transmit (802.11a 6Mbps) (5785MHz)
 Test Date : 2020/10/23

Vertical



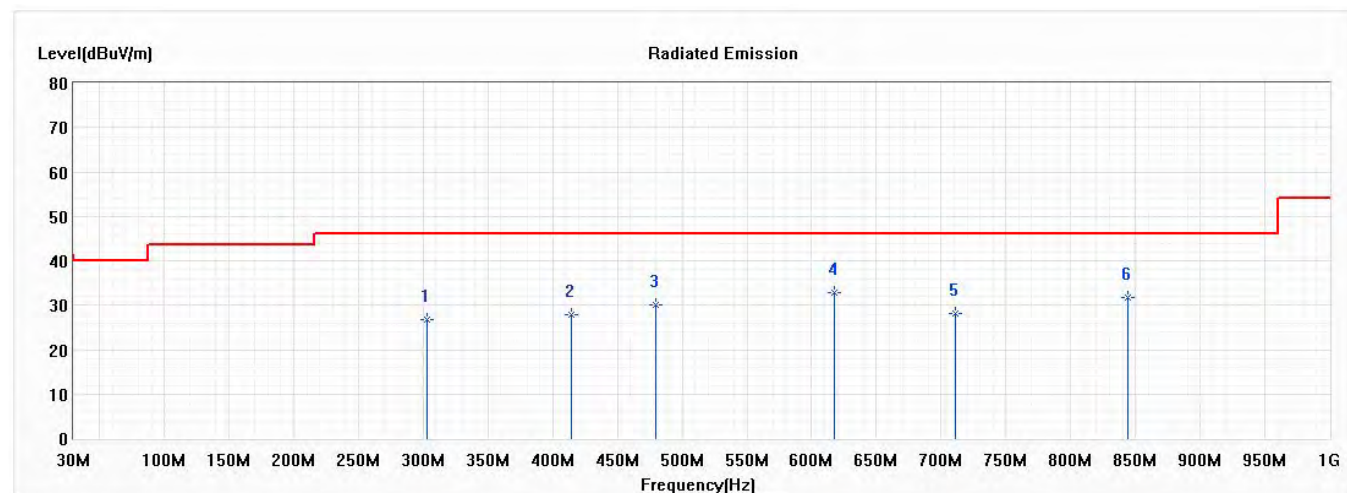
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 67.830 | 34.39 | 40.00 | -5.61 | 46.76 | -12.37 | QP |
| 2 | 197.810 | 30.59 | 43.50 | -12.91 | 42.76 | -12.17 | QP |
| 3 | 371.440 | 24.97 | 46.00 | -21.03 | 31.96 | -6.99 | QP |
| 4 | 485.900 | 29.74 | 46.00 | -16.26 | 34.38 | -4.64 | QP |
| 5 | 617.820 | 35.63 | 46.00 | -10.37 | 37.67 | -2.04 | QP |
| 6 | 730.340 | 29.71 | 46.00 | -16.29 | 30.11 | -0.40 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5220MHz)
 Test Date : 2020/10/23

Horizontal



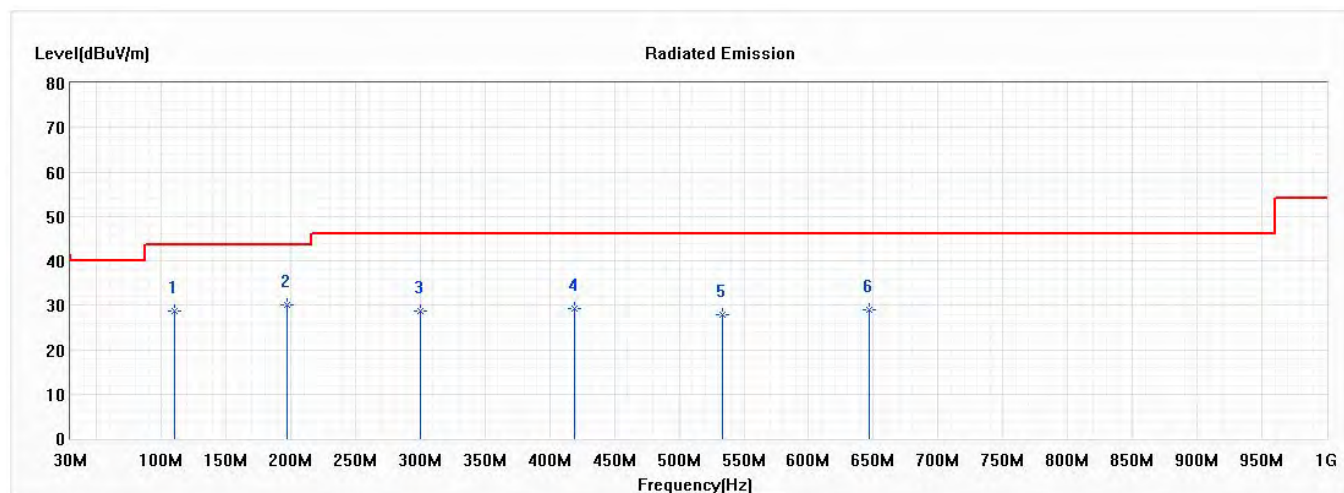
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| 1 | 302.570 | 26.65 | 46.00 | -19.35 | 35.54 | -8.89 | QP |
| 2 | 414.120 | 27.74 | 46.00 | -18.26 | 34.00 | -6.26 | QP |
| 3 | 479.110 | 29.99 | 46.00 | -16.01 | 34.55 | -4.56 | QP |
| * 4 | 617.820 | 32.90 | 46.00 | -13.10 | 34.94 | -2.04 | QP |
| 5 | 710.940 | 28.27 | 46.00 | -17.73 | 29.06 | -0.79 | QP |
| 6 | 843.830 | 31.77 | 46.00 | -14.23 | 30.57 | 1.20 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5220MHz)
 Test Date : 2020/10/23

Vertical



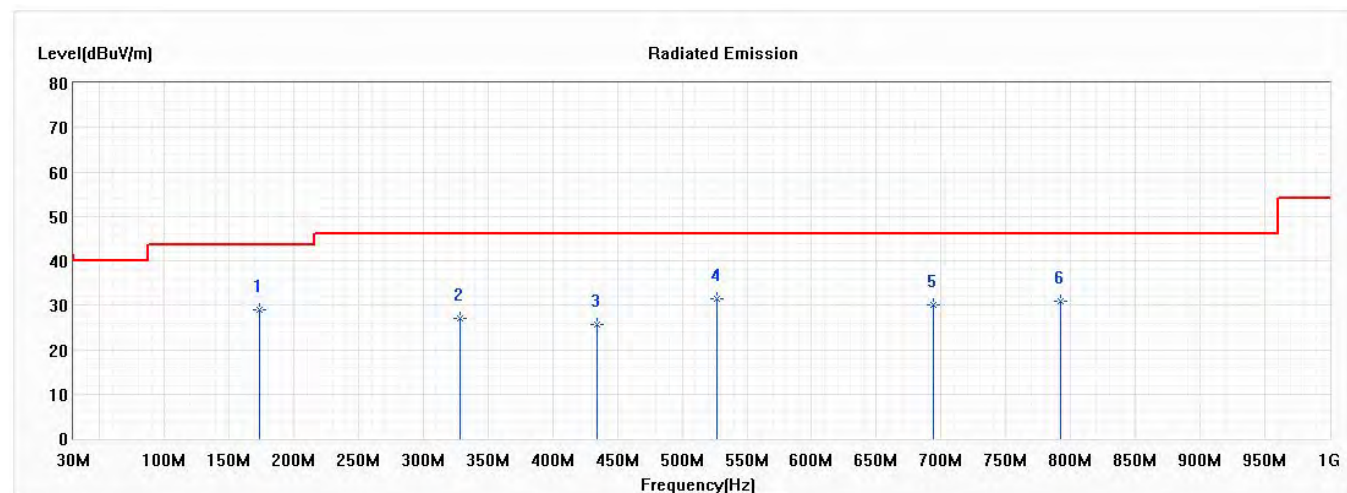
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| 1 | 110.510 | 28.73 | 43.50 | -14.77 | 42.43 | -13.70 | QP |
| * 2 | 196.840 | 30.08 | 43.50 | -13.42 | 42.19 | -12.11 | QP |
| 3 | 299.660 | 28.64 | 46.00 | -17.36 | 37.65 | -9.01 | QP |
| 4 | 418.970 | 29.29 | 46.00 | -16.71 | 35.42 | -6.13 | QP |
| 5 | 533.430 | 27.91 | 46.00 | -18.09 | 31.67 | -3.76 | QP |
| 6 | 646.920 | 29.07 | 46.00 | -16.93 | 30.87 | -1.80 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5300MHz)
 Test Date : 2020/10/23

Horizontal



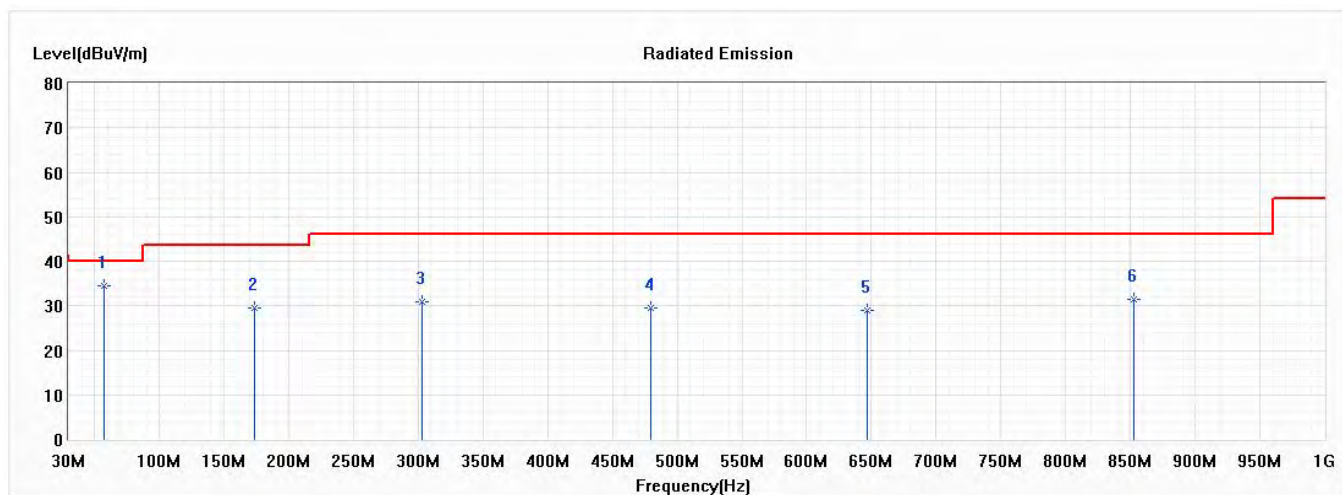
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 173.560 | 28.84 | 43.50 | -14.66 | 39.45 | -10.61 | QP |
| 2 | 328.760 | 26.90 | 46.00 | -19.10 | 34.91 | -8.01 | QP |
| 3 | 434.490 | 25.61 | 46.00 | -20.39 | 31.34 | -5.73 | QP |
| 4 | 526.640 | 31.32 | 46.00 | -14.68 | 35.17 | -3.85 | QP |
| 5 | 694.450 | 29.99 | 46.00 | -16.01 | 31.28 | -1.29 | QP |
| 6 | 792.420 | 30.95 | 46.00 | -15.05 | 30.30 | 0.65 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5300MHz)
 Test Date : 2020/10/23

Vertical



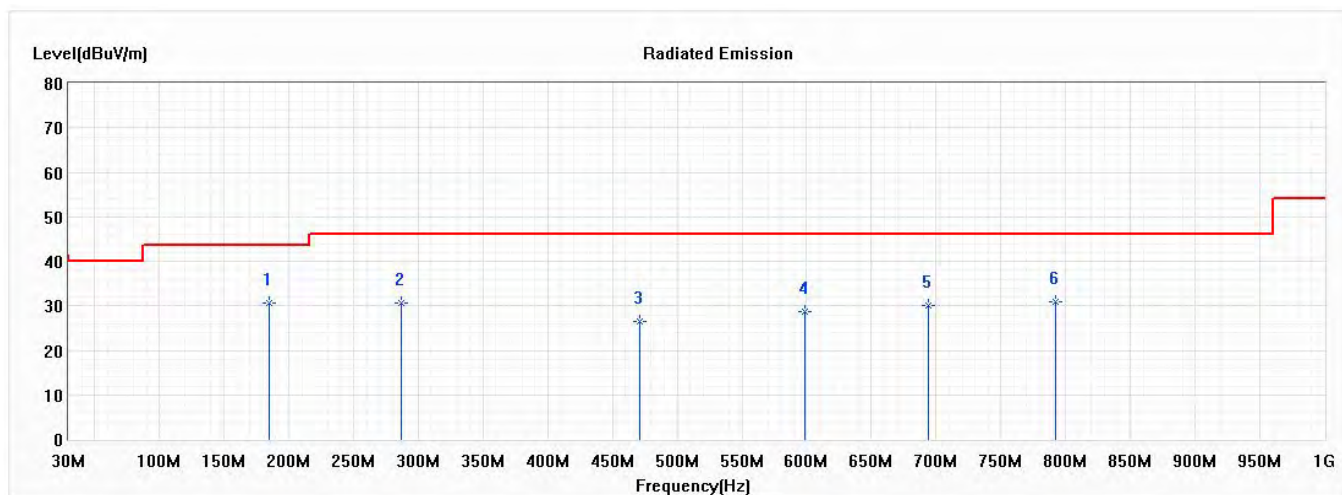
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 57.160 | 34.49 | 40.00 | -5.51 | 44.97 | -10.48 | QP |
| 2 | 173.560 | 29.46 | 43.50 | -14.04 | 40.07 | -10.61 | QP |
| 3 | 302.570 | 30.77 | 46.00 | -15.23 | 39.66 | -8.89 | QP |
| 4 | 479.110 | 29.50 | 46.00 | -16.50 | 34.06 | -4.56 | QP |
| 5 | 646.920 | 29.07 | 46.00 | -16.93 | 30.87 | -1.80 | QP |
| 6 | 852.560 | 31.38 | 46.00 | -14.62 | 29.96 | 1.42 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5580MHz)
 Test Date : 2020/10/23

Horizontal



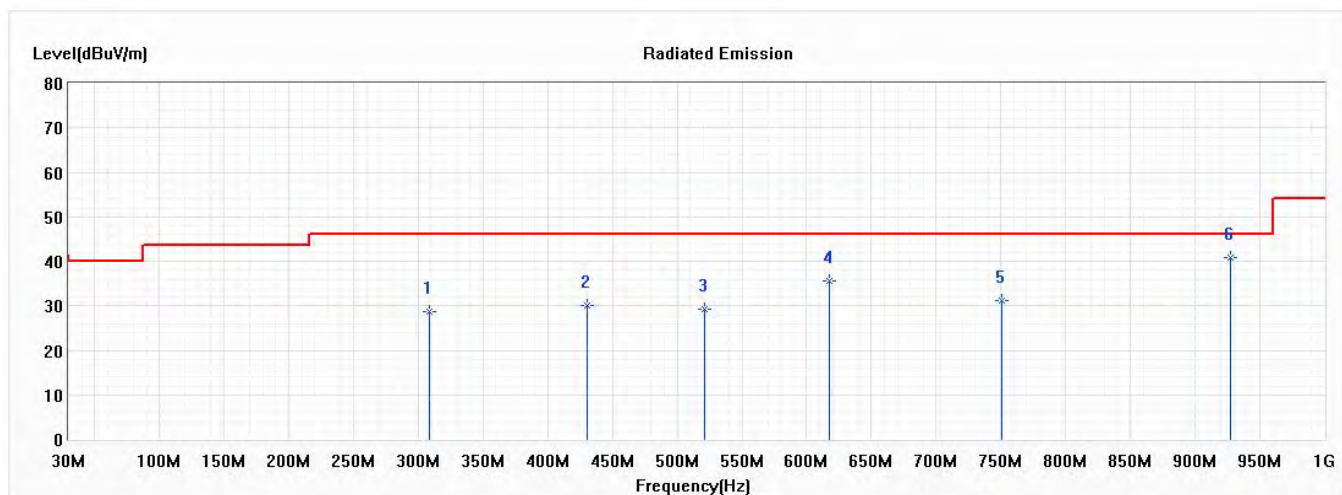
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 185.200 | 30.58 | 43.50 | -12.92 | 42.36 | -11.78 | QP |
| 2 | 287.050 | 30.74 | 46.00 | -15.26 | 39.99 | -9.25 | QP |
| 3 | 471.350 | 26.58 | 46.00 | -19.42 | 31.29 | -4.71 | QP |
| 4 | 598.420 | 28.80 | 46.00 | -17.20 | 31.03 | -2.23 | QP |
| 5 | 694.450 | 29.99 | 46.00 | -16.01 | 31.28 | -1.29 | QP |
| 6 | 792.420 | 30.95 | 46.00 | -15.05 | 30.30 | 0.65 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5580MHz)
 Test Date : 2020/10/23

Vertical

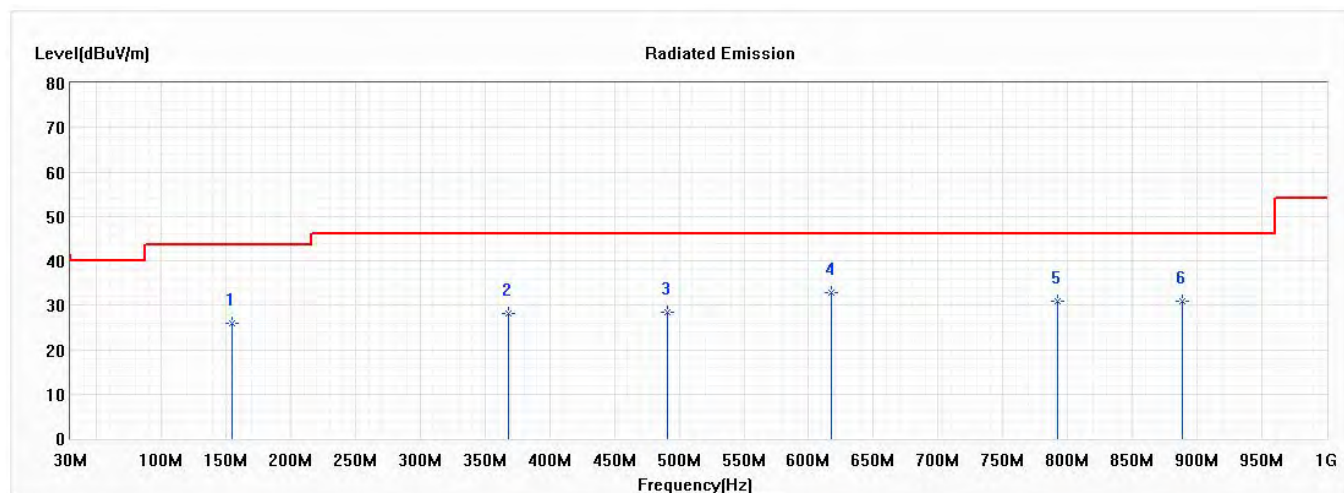


Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5720MHz)
 Test Date : 2020/10/23

Horizontal



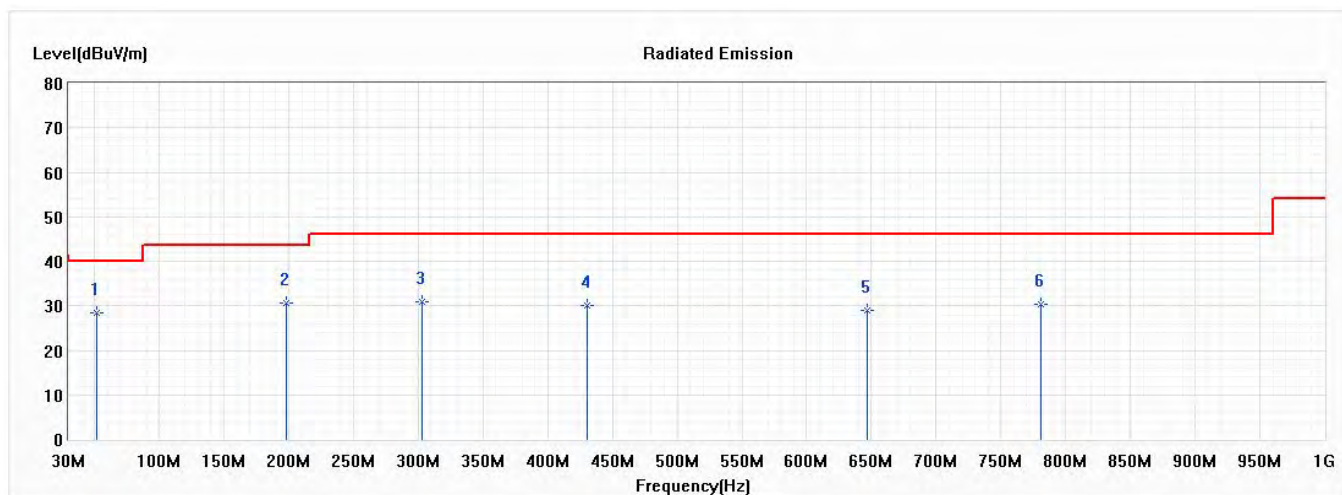
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| 1 | 155.130 | 26.06 | 43.50 | -17.44 | 36.29 | -10.23 | QP |
| 2 | 368.530 | 28.20 | 46.00 | -17.80 | 35.29 | -7.09 | QP |
| 3 | 490.750 | 28.31 | 46.00 | -17.69 | 32.93 | -4.62 | QP |
| * 4 | 617.820 | 32.90 | 46.00 | -13.10 | 34.94 | -2.04 | QP |
| 5 | 792.420 | 30.95 | 46.00 | -15.05 | 30.30 | 0.65 | QP |
| 6 | 888.450 | 30.97 | 46.00 | -15.03 | 29.46 | 1.51 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5720MHz)
 Test Date : 2020/10/23

Vertical



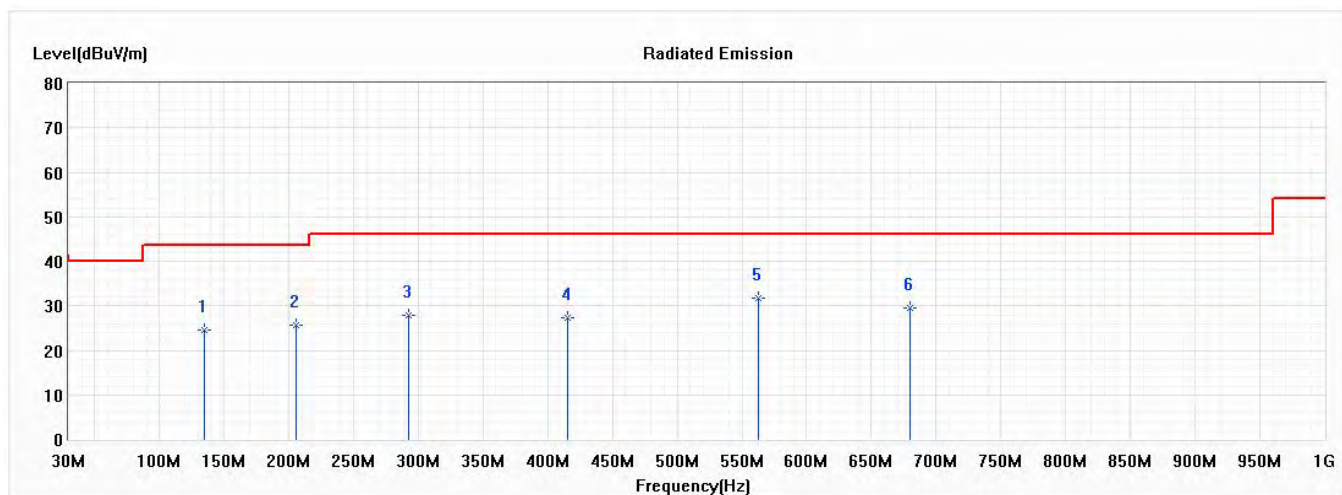
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 51.340 | 28.50 | 40.00 | -11.50 | 38.64 | -10.14 | QP |
| 2 | 197.810 | 30.59 | 43.50 | -12.91 | 42.76 | -12.17 | QP |
| 3 | 302.570 | 30.77 | 46.00 | -15.23 | 39.66 | -8.89 | QP |
| 4 | 430.610 | 30.05 | 46.00 | -15.95 | 35.87 | -5.82 | QP |
| 5 | 646.920 | 29.07 | 46.00 | -16.93 | 30.87 | -1.80 | QP |
| 6 | 780.780 | 30.31 | 46.00 | -15.69 | 29.81 | 0.50 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5785MHz)
 Test Date : 2020/10/23

Horizontal



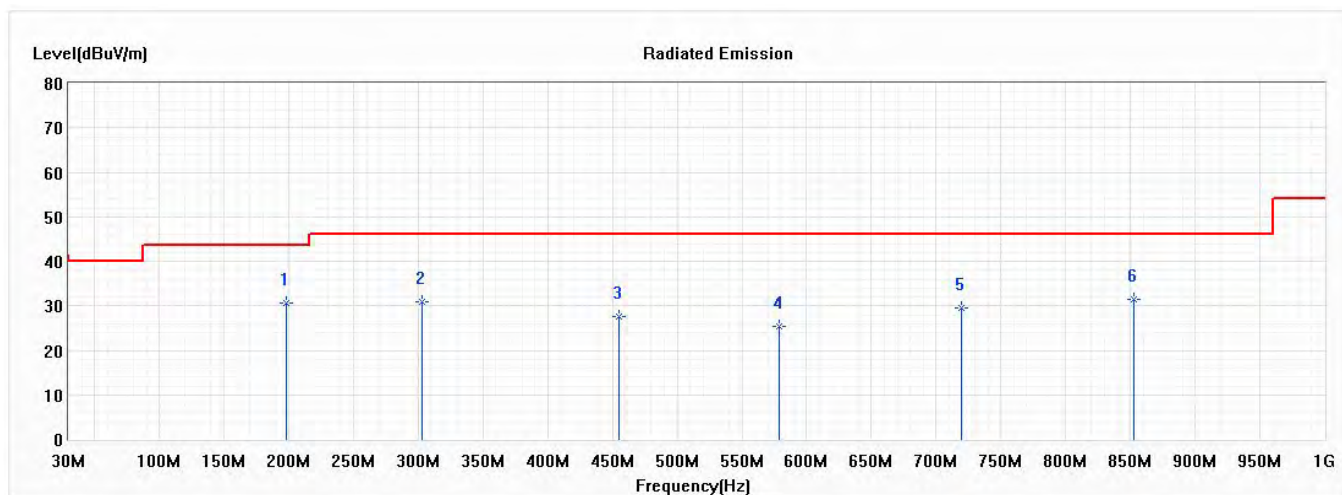
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| 1 | 134.760 | 24.63 | 43.50 | -18.87 | 36.04 | -11.41 | QP |
| 2 | 205.570 | 25.75 | 43.50 | -17.75 | 38.09 | -12.34 | QP |
| 3 | 292.870 | 27.89 | 46.00 | -18.11 | 37.12 | -9.23 | QP |
| 4 | 415.090 | 27.30 | 46.00 | -18.70 | 33.52 | -6.22 | QP |
| * 5 | 562.530 | 31.61 | 46.00 | -14.39 | 34.84 | -3.23 | QP |
| 6 | 679.900 | 29.62 | 46.00 | -16.38 | 30.94 | -1.32 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 2: Transmit (802.11n-20BW 7.2Mbps) (5785MHz)
 Test Date : 2020/10/23

Vertical



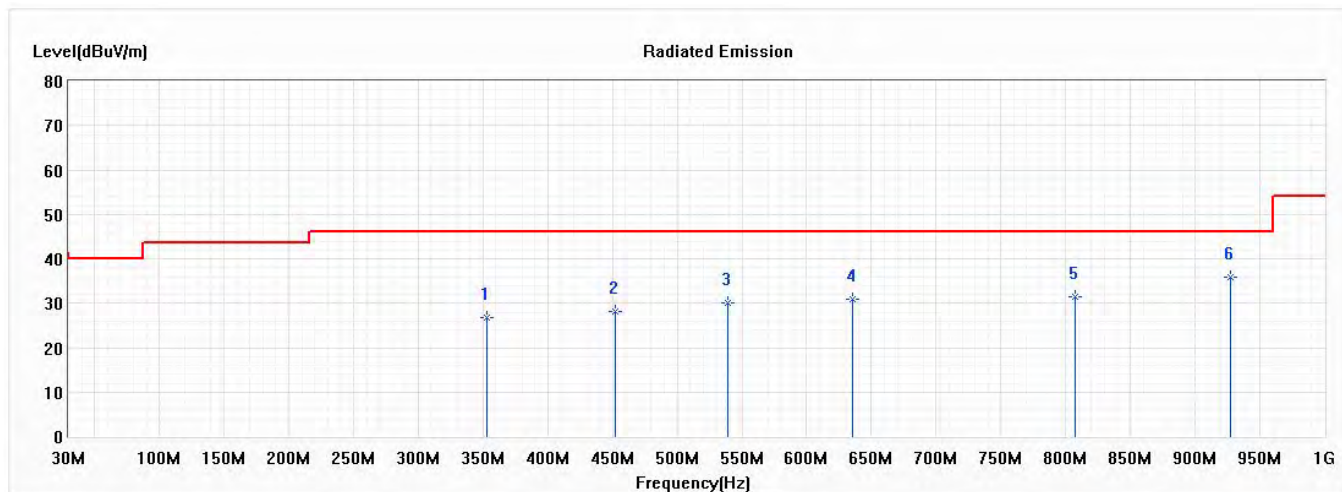
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 197.810 | 30.59 | 43.50 | -12.91 | 42.76 | -12.17 | QP |
| 2 | 302.570 | 30.77 | 46.00 | -15.23 | 39.66 | -8.89 | QP |
| 3 | 454.860 | 27.72 | 46.00 | -18.28 | 32.86 | -5.14 | QP |
| 4 | 579.020 | 25.36 | 46.00 | -20.64 | 28.25 | -2.89 | QP |
| 5 | 719.670 | 29.55 | 46.00 | -16.45 | 30.22 | -0.67 | QP |
| 6 | 852.560 | 31.38 | 46.00 | -14.62 | 29.96 | 1.42 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5230MHz)
 Test Date : 2020/10/23

Horizontal



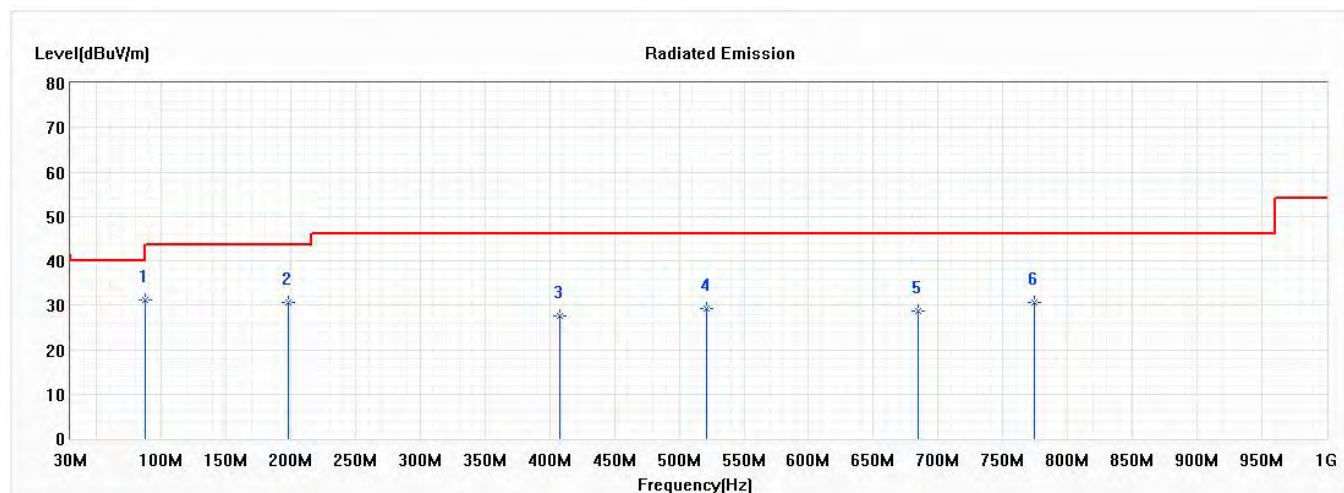
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| 1 | 353.010 | 26.73 | 46.00 | -19.27 | 34.36 | -7.63 | QP |
| 2 | 451.950 | 28.27 | 46.00 | -17.73 | 33.46 | -5.19 | QP |
| 3 | 539.250 | 30.06 | 46.00 | -15.94 | 33.70 | -3.64 | QP |
| 4 | 635.280 | 30.84 | 46.00 | -15.16 | 32.69 | -1.85 | QP |
| 5 | 806.970 | 31.33 | 46.00 | -14.67 | 30.69 | 0.64 | QP |
| * 6 | 927.250 | 35.95 | 46.00 | -10.05 | 33.97 | 1.98 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5230MHz)
 Test Date : 2020/10/23

Vertical



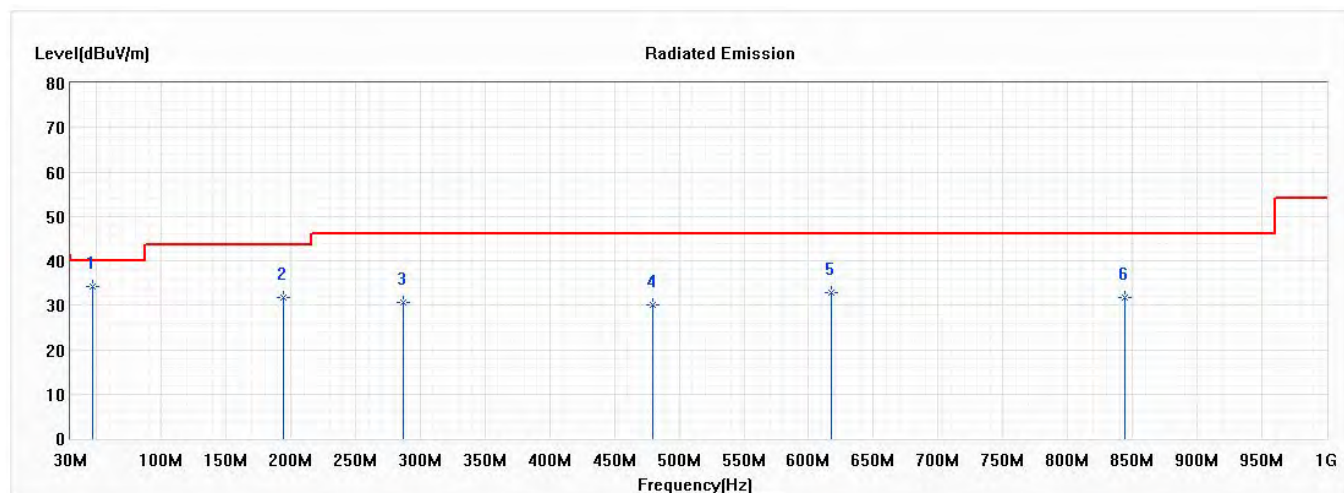
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 87.230 | 31.07 | 40.00 | -8.93 | 47.25 | -16.18 | QP |
| 2 | 197.810 | 30.59 | 43.50 | -12.91 | 42.76 | -12.17 | QP |
| 3 | 407.330 | 27.51 | 46.00 | -18.49 | 33.92 | -6.41 | QP |
| 4 | 520.820 | 29.34 | 46.00 | -16.66 | 33.14 | -3.80 | QP |
| 5 | 684.750 | 28.60 | 46.00 | -17.40 | 29.80 | -1.20 | QP |
| 6 | 773.990 | 30.59 | 46.00 | -15.41 | 30.25 | 0.34 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5310MHz)
 Test Date : 2020/10/23

Horizontal



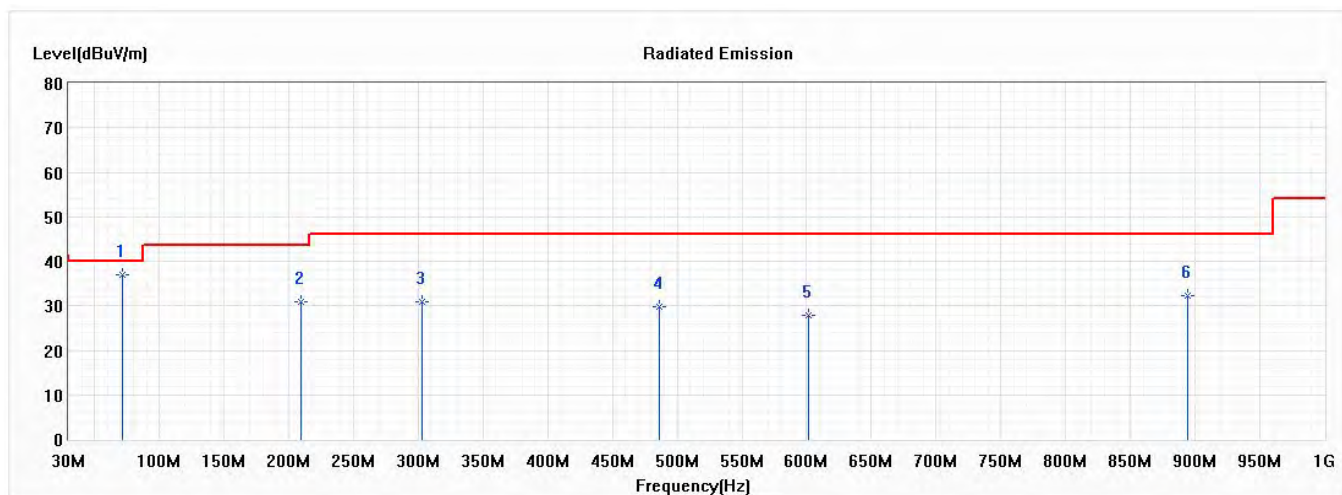
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 47.460 | 34.21 | 40.00 | -5.79 | 44.43 | -10.22 | QP |
| 2 | 193.930 | 31.65 | 43.50 | -11.85 | 43.67 | -12.02 | QP |
| 3 | 287.050 | 30.74 | 46.00 | -15.26 | 39.99 | -9.25 | QP |
| 4 | 479.110 | 29.99 | 46.00 | -16.01 | 34.55 | -4.56 | QP |
| 5 | 617.820 | 32.90 | 46.00 | -13.10 | 34.94 | -2.04 | QP |
| 6 | 843.830 | 31.77 | 46.00 | -14.23 | 30.57 | 1.20 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5310MHz)
 Test Date : 2020/10/23

Vertical



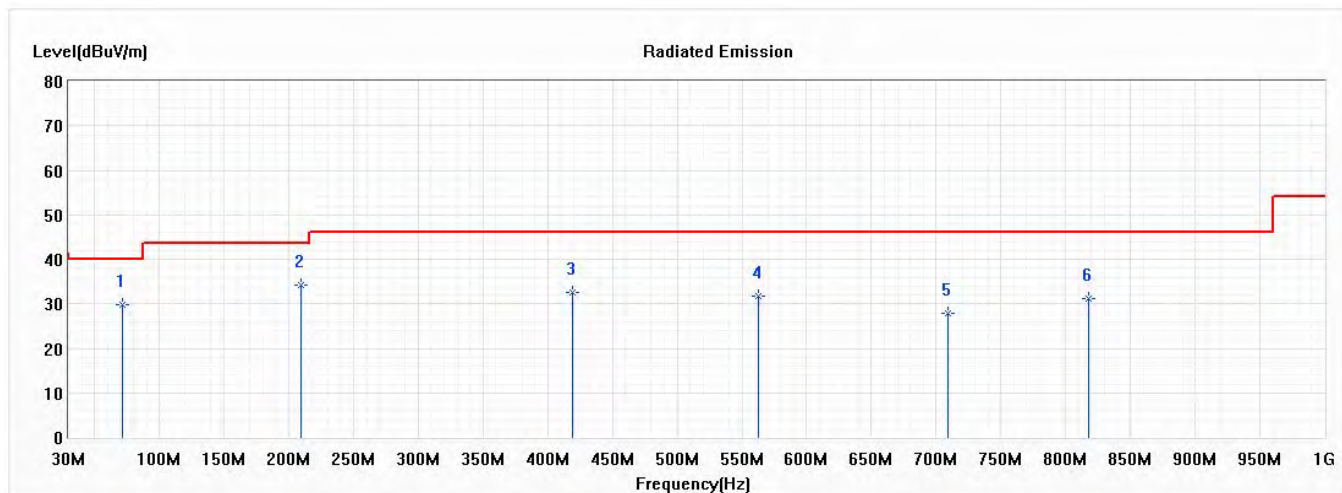
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 71.710 | 37.03 | 40.00 | -2.97 | 50.20 | -13.17 | QP |
| 2 | 209.450 | 30.86 | 43.50 | -12.64 | 43.10 | -12.24 | QP |
| 3 | 302.570 | 30.77 | 46.00 | -15.23 | 39.66 | -8.89 | QP |
| 4 | 485.900 | 29.74 | 46.00 | -16.26 | 34.38 | -4.64 | QP |
| 5 | 601.330 | 27.93 | 46.00 | -18.07 | 30.10 | -2.17 | QP |
| 6 | 894.270 | 32.29 | 46.00 | -13.71 | 30.57 | 1.72 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5550MHz)
 Test Date : 2020/10/23

Horizontal



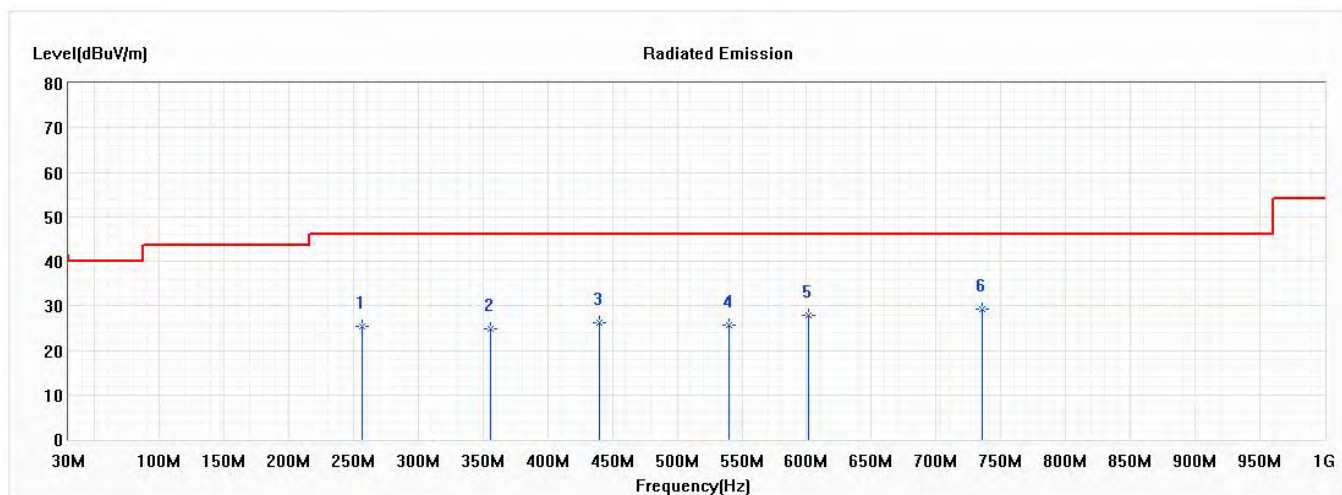
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| 1 | 71.710 | 29.75 | 40.00 | -10.25 | 42.92 | -13.17 | QP |
| * 2 | 209.450 | 34.08 | 43.50 | -9.42 | 46.32 | -12.24 | QP |
| 3 | 418.970 | 32.52 | 46.00 | -13.48 | 38.65 | -6.13 | QP |
| 4 | 562.530 | 31.61 | 46.00 | -14.39 | 34.84 | -3.23 | QP |
| 5 | 709.000 | 27.98 | 46.00 | -18.02 | 28.85 | -0.87 | QP |
| 6 | 817.640 | 31.15 | 46.00 | -14.85 | 30.30 | 0.85 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5550MHz)
 Test Date : 2020/10/23

Vertical



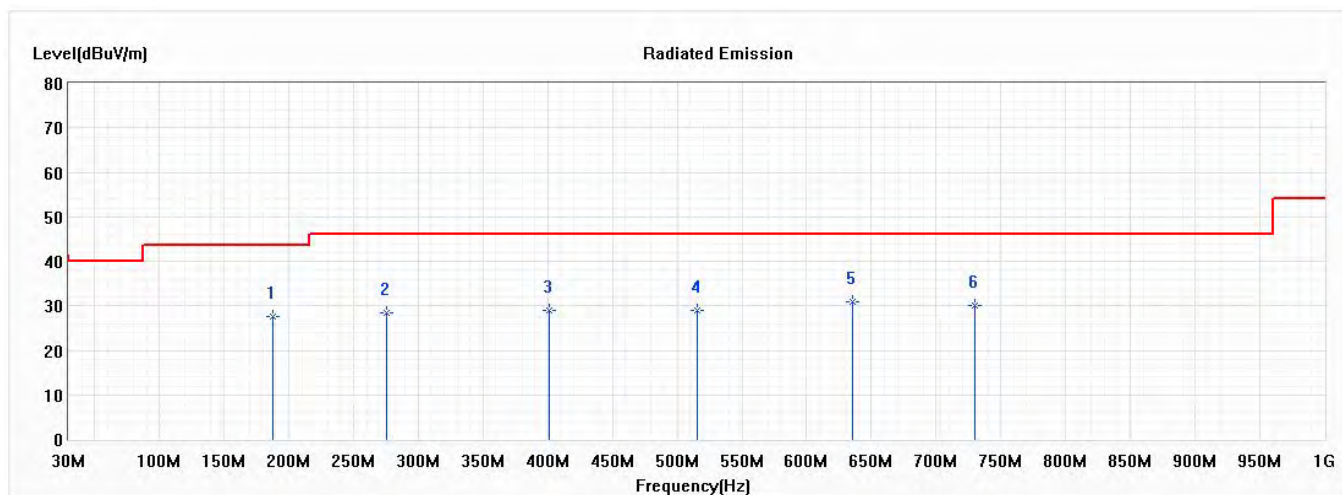
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| 1 | 256.980 | 25.35 | 46.00 | -20.65 | 35.95 | -10.60 | QP |
| 2 | 355.920 | 24.95 | 46.00 | -21.05 | 32.49 | -7.54 | QP |
| 3 | 440.310 | 26.20 | 46.00 | -19.80 | 31.73 | -5.53 | QP |
| 4 | 540.220 | 25.73 | 46.00 | -20.27 | 29.34 | -3.61 | QP |
| 5 | 601.330 | 27.93 | 46.00 | -18.07 | 30.10 | -2.17 | QP |
| * 6 | 735.190 | 29.32 | 46.00 | -16.68 | 29.69 | -0.37 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5710MHz)
 Test Date : 2020/10/23

Horizontal



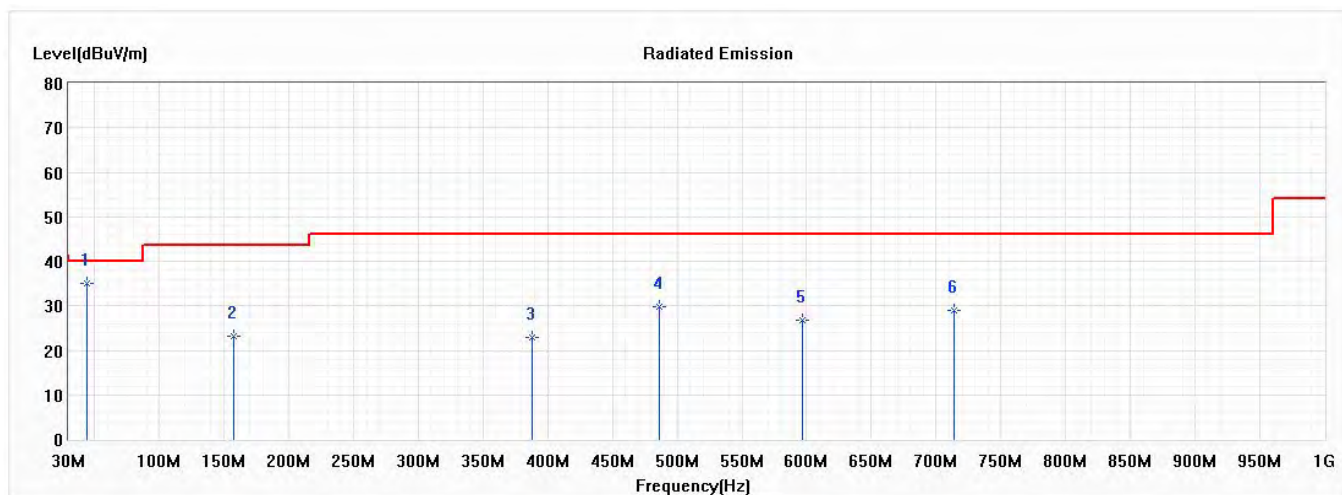
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| 1 | 188.110 | 27.50 | 43.50 | -16.00 | 39.38 | -11.88 | QP |
| 2 | 275.410 | 28.53 | 46.00 | -17.47 | 38.12 | -9.59 | QP |
| 3 | 401.510 | 29.05 | 46.00 | -16.95 | 35.53 | -6.48 | QP |
| 4 | 515.000 | 29.07 | 46.00 | -16.93 | 33.07 | -4.00 | QP |
| * 5 | 635.280 | 30.84 | 46.00 | -15.16 | 32.69 | -1.85 | QP |
| 6 | 730.340 | 30.09 | 46.00 | -15.91 | 30.49 | -0.40 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5710MHz)
 Test Date : 2020/10/23

Vertical



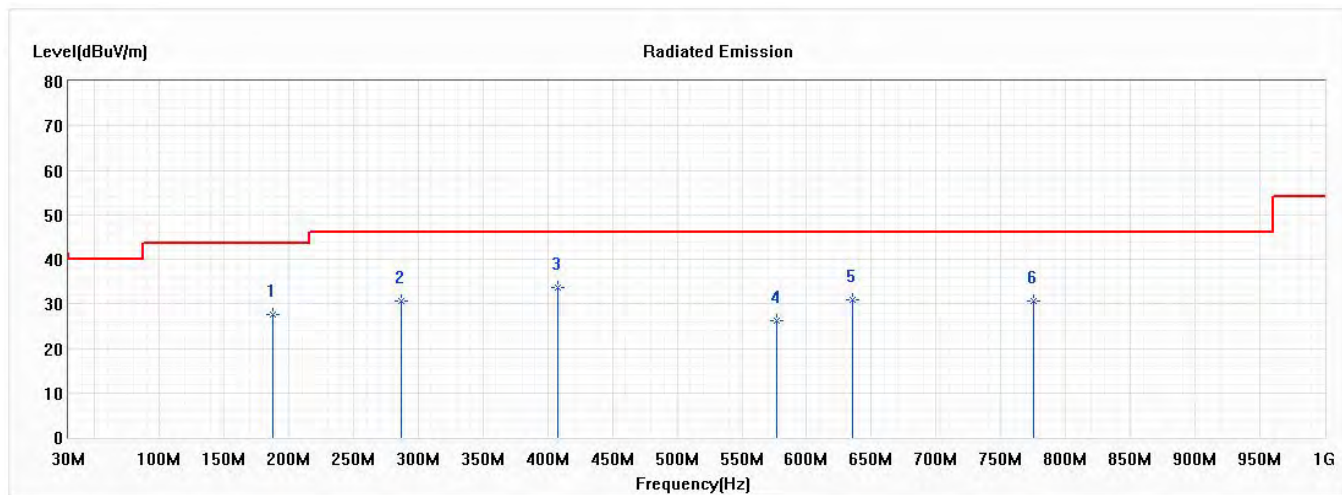
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 44.550 | 35.16 | 40.00 | -4.84 | 45.60 | -10.44 | QP |
| 2 | 157.070 | 23.05 | 43.50 | -20.45 | 33.26 | -10.21 | QP |
| 3 | 387.930 | 22.99 | 46.00 | -23.01 | 29.68 | -6.69 | QP |
| 4 | 485.900 | 29.74 | 46.00 | -16.26 | 34.38 | -4.64 | QP |
| 5 | 596.480 | 26.73 | 46.00 | -19.27 | 29.01 | -2.28 | QP |
| 6 | 713.850 | 28.93 | 46.00 | -17.07 | 29.65 | -0.72 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5795MHz)
 Test Date : 2020/10/23

Horizontal



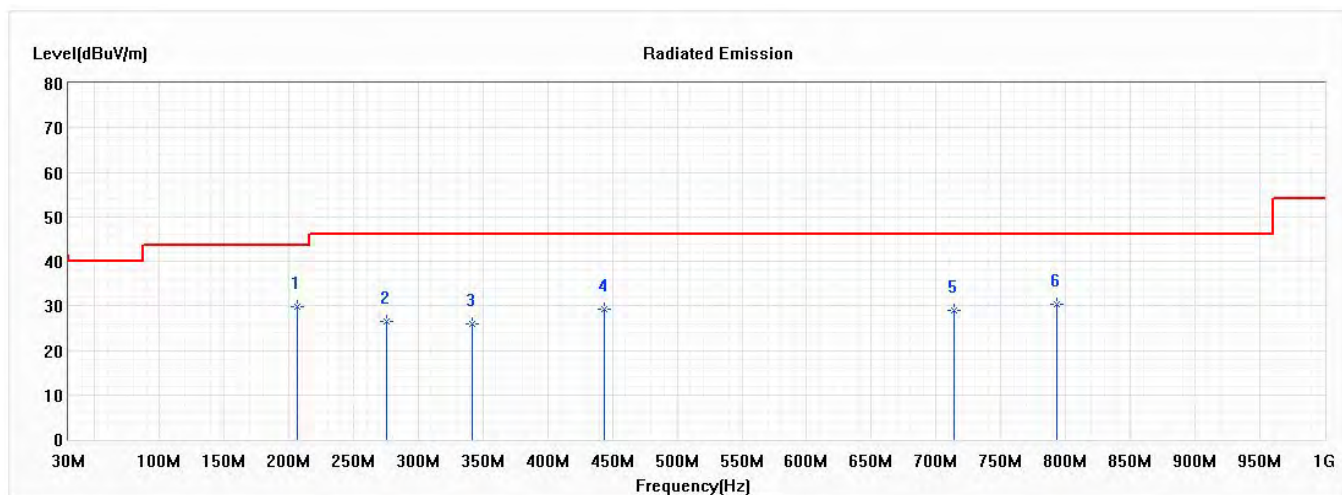
| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| 1 | 188.110 | 27.50 | 43.50 | -16.00 | 39.38 | -11.88 | QP |
| 2 | 287.050 | 30.74 | 46.00 | -15.26 | 39.99 | -9.25 | QP |
| * 3 | 407.330 | 33.61 | 46.00 | -12.39 | 40.02 | -6.41 | QP |
| 4 | 577.080 | 26.10 | 46.00 | -19.90 | 29.04 | -2.94 | QP |
| 5 | 635.280 | 30.84 | 46.00 | -15.16 | 32.69 | -1.85 | QP |
| 6 | 774.960 | 30.50 | 46.00 | -15.50 | 30.15 | 0.35 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.

Product : Multimedia device with Bluetooth and WLAN
 Test Item : General Radiated Emission
 Test Mode : Mode 3: Transmit (802.11n-40BW 15Mbps) (5795MHz)
 Test Date : 2020/10/23

Vertical



| No | Frequency (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Reading Level (dBuV) | Correct Factor (dB) | Detector Type |
|-----|-----------------|-------------------------|----------------|-------------|----------------------|---------------------|---------------|
| * 1 | 206.540 | 29.76 | 43.50 | -13.74 | 42.07 | -12.31 | QP |
| 2 | 275.410 | 26.57 | 46.00 | -19.43 | 36.16 | -9.59 | QP |
| 3 | 341.370 | 25.82 | 46.00 | -20.18 | 33.63 | -7.81 | QP |
| 4 | 443.220 | 29.21 | 46.00 | -16.79 | 34.74 | -5.53 | QP |
| 5 | 713.850 | 28.93 | 46.00 | -17.07 | 29.65 | -0.72 | QP |
| 6 | 793.390 | 30.22 | 46.00 | -15.78 | 29.56 | 0.66 | QP |

Note:

1. All Readings below 1GHz are Quasi-Peak, above 1GHz are performed with peak and/or average measurements as necessary.
2. Measurement Level = Reading Level + Correct Factor.
3. Correct Factor = Antenna factor + Cable loss – Amplifier gain.
4. The emission levels of other frequencies are very lower than the limit and not show in test report.
5. No emission found between lowest internal used/generated frequency to 30MHz.