# RF Test Report

| | | |
|---|---|---|
| Applicant | : | iFIT Health and Fitness, Inc. |
| Product Name | : | Tablet |
| Trade Name | : | iFit Inc. |
| Model Number | : | MP22-NEON416-C |
| Applicable Standard | : | FCC 47 CFR PART 15 SUBPART E<br>Canada RSS-247 Issue 3<br>Canada RSS-Gen Issue 5 (Amendment 2)<br>ANSI C63.10:2013 |
| Received Date | : | Oct. 23, 2023 |
| Test Period | : | Nov. 16 ~ Dec. 08, 2023 |
| Issued Date | : | Jan. 24, 2024 |

**Issued by**

Eurofins E&E Wireless Taiwan Co., Ltd.
No. 140-1, Changan Street, Bade District,
Taoyuan City 334025, Taiwan (R.O.C.)
Tel：+886-3-2710188 / Fax：+886-3-2710190

Testing Laboratory
1330

Taiwan Accreditation Foundation accreditation number: 1330
Frequency Range : 9 kHz to 40 GHz
Test Firm Registration Number: 226252 (Bade test site)
Test Firm Registration Number: 191812 (Wugu test site)
Test Firm Registration Number: 7381A (Bade test site)
Test Firm Registration Number: 28922 (Wugu test site)

***Note:***

1.The test results are valid only for samples provided by customers and under the test conditions described in this report.
2.This report shall not be reproduced except in full, without the written approval of Eurofins E&E Wireless Taiwan Co., Ltd.
3.The relevant information is provided by customers in this test report. According to the correctness, appropriateness or completeness of the information provided by the customer, if there is any doubt or error in the information which affects the validity of the test results, the laboratory does not take the responsibility.

# Revision History

| Rev. | Issued Date | Description | Revised by |
|---|---|---|---|
| 00 | Jan. 24, 2024 | Initial Issue | Emma Chao |
| | | | |
| | | | |
| | | | |

# Verification of Compliance

| | | |
|---|---|---|
| Applicant | : | iFIT Health and Fitness, Inc. |
| Product Name | : | Tablet |
| Trade Name | : | iFit Inc. |
| Model Number | : | MP22-NEON416-C |
| FCC ID | : | OMC447847C |
| IC | : | 3673A-447847C |
| Applicable Standard | : | FCC 47 CFR PART 15 SUBPART E<br>Canada RSS-247 Issue 3<br>Canada RSS-Gen Issue 5 (Amendment 2)<br>ANSI C63.10:2013 |
| Test Result | : | Complied |
| Performing Lab. | : | Eurofins E&E Wireless Taiwan Co., Ltd.<br>No. 140-1, Changan Street, Bade District,<br>Taoyuan City 334025, Taiwan (R.O.C.)<br>Tel：+886-3-2710188 / Fax：+886-3-2710190<br>Taiwan Accreditation Foundation accreditation number: 1330 |

Testing Laboratory 1330

Eurofins E&E Wireless Taiwan Co., Ltd. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by Eurofins E&E Wireless Taiwan Co., Ltd. based on interpretations and/or observations of test results. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Approved By : Kai Yu Yang

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# 1 General Information

## 1.1. Summary of Test Result

| FCC Standard | Item | Result | Remark |
|---|---|---|---|
| 15.407(b)(9)<br>15.207 | AC Power Conducted Emission | PASS | --- |
| 15.407(b)<br>15.205 / 15.209 | Transmitter Radiated Emissions | PASS | --- |
| 15.407(a) | Maximum Conducted Output Power and E.I.R.P. | PASS | --- |
| 15.407(a) | 26 dB RF Bandwidth | Reference | --- |
| 15.407(e) | 6 dB RF Bandwidth | PASS | --- |
| 15.407(a) | Maximum Power Spectral Density and E.I.R.P. Spectral Density | PASS | --- |
| 15.407(c) | Automatically discontinue transmission | PASS | --- |
| 15.407(a)<br>15.203 | Antenna Requirement | PASS | --- |

| IC Standard<br>RSS-Gen | Item | Result | Remark |
|---|---|---|---|
| 6.7 | 99 % Occupied Bandwidth | Reference | ----- |
| 8.8 | AC Power Line Conducted Emissions | PASS | ----- |
| 8.9 | Transmitter Radiated Emissions | PASS | ----- |
| 6.8 | Antenna Requirement | PASS | ----- |
| Standard<br>RSS-247 | Item | Result | Remark |
| 6.2.1.1, 6.2.2.1<br>6.2.3.1, 6.2.4.2, 6.2.5.2 | Maximum Conducted Output Power and E.I.R.P. | PASS | ----- |
| 6.2.1.1, 6.2.2.1<br>6.2.3.1, 6.2.4.2, 6.2.5.2 | Maximum Power Spectral Density and E.I.R.P. Spectral Density | PASS | ----- |
| 6.2.4.2, 6.2.5.2 | 6 dB RF Bandwidth | PASS | ----- |
| 6.2.1.2, 6.2.2.2<br>6.2.3.2, 6.2.4.2, 6.2.5.3 | Transmitter Radiated Emissions | PASS | ----- |
| 6.4(a) | Automatically discontinue transmission | PASS | ----- |

Decision Rule

■ Uncertainty is not included.

□ Uncertainty is included.

| Standard | Description |
|---|---|
| CFR47, Part 15, Subpart E | Unlicensed National Information Infrastructure Devices |
| Canada RSS-247 Issue 3 | Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices |
| ANSI C63. 10: 2013 | American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices |
| KDB 789033: D02 | Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E |
| KDB 662911 D01 v02r01 | Emissions Testing of Transmitters with Multiple Outputs in the Same Band (e.g., MIMO, Smart Antenna, etc) |
| KDB 291074 D02 v01 | Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) 5.9 GHz Devices Under Part 15, Subpart E |

## 1.2. Testing Location

Lab Name: Eurofins E&E Wireless Taiwan Co., Ltd.

Site Address: ■ No. 140-1, Changan Street, Bade District, Taoyuan City 334025, Taiwan (R.O.C.)

Site Address: □ No. 2, Wuquan 5th Rd. Wugu Dist., New Taipei City, Taiwan (R.O.C.)

## 1.3. Measurement Uncertainty

| Test Item | Frequency | Uncertainty | |
|---|---|---|---|
| | | BD | WG |
| Conducted Emission | 150 kHz ~ 30 MHz | 2.7 dB | 2.6 dB |
| Conducted Output Power | | 1.1 dB | 1.1 dB |
| RF Bandwidth | | 4.5 % | 4.5 % |
| Power Spectral Density | | 1.1 dB | 1.1 dB |
| Duty Cycle | | 1.1 % | 1.0 % |
| Time Occupancy | | 1.5 % | 1.2 % |

| Test Item | Frequency | Uncertainty | | | |
|---|---|---|---|---|---|
| | | 96601-BD | 96603-BD | 96602-WG | 96603-WG |
| Radiated Emission | 9 kHz ~ 30 MHz | 1.9 dB | 1.9 dB | 1.6 dB | 1.6 dB |
| | 30 MHz ~ 1000 MHz | 4.9 dB | 4.9 dB | 4.8 dB | 4.8 dB |
| | 1000 MHz ~ 18000 MHz | 4.9 dB | 5.0 dB | 5.0 dB | 5.2 dB |
| | 18000 MHz ~ 26500 MHz | 4.3 dB | 4.4 dB | 4.4 dB | 4.5 dB |
| | 26500 MHz ~ 40000 MHz | 4.5 dB | 4.5 dB | 4.6 dB | 4.5 dB |

## 1.4. Test Site Environment

| Items | Required (IEC 60068-1) | Interval(*) |
|---|---|---|
| Temperature (°C) | 15-35 | 20-30 |
| Humidity (%RH) | 25-75 | 45-75 |

(*)The measurement ambient temperature is within this range.

# 2 EUT Description

The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity(except Max. RF Output Power, EIRP).

| | | | |
|---|---|---|---|
| Applicant | iFIT Health and Fitness, Inc.<br>1500 S 1000 W, Logan, Utah, United States, 84321 | | |
| Product Name | Tablet | | |
| Trade Name | iFit Inc. | | |
| Model Number | MP22-NEON416-C | | |
| FCC ID | OMC447847C | | |
| IC | 3673A-447847C | | |
| Hardware Version | R03 | | |
| Software Version | CKN1_20231011 | | |
| Operate Frequency | Frequency Band | | Frequency Range (MHz) |
| | 802.11a | U-NII Band 1 | 5180 – 5240 |
| | | U-NII Band 2-A | 5260 – 5320 |
| | | U-NII Band 2-C | 5500 – 5700 |
| | | Straddle band | 5720 |
| | | U-NII Band 3 | 5745 – 5825 |
| | 802.11n HT20 / 802.11ac VHT20 | U-NII Band 1 | 5180 – 5240 |
| | | U-NII Band 2-A | 5260 – 5320 |
| | | U-NII Band 2-C | 5500 – 5700 |
| | | Straddle band | 5720 |
| | | U-NII Band 3 | 5745 – 5825 |
| | 802.11n HT40 / 802.11ac VHT40 | U-NII Band 1 | 5190 – 5230 |
| | | U-NII Band 2-A | 5270 – 5310 |
| | | U-NII Band 2-C | 5510 – 5670 |
| | | Straddle band | 5710 |
| | | U-NII Band 3 | 5755 – 5795 |
| | 802.11ac VHT80 | U-NII Band 1 | 5210 |
| | | U-NII Band 2-A | 5290 |
| | | U-NII Band 2-C | 5530 |
| | | Straddle band | 5690 |
| | | U-NII Band 3 | 5775 |
| *The 5600 – 5650 MHz cannot be used in Canada. | | | |
| Modulation Type | OFDM | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| Antenna information | Antenna | Manufacturer | Model | Type | Max. Gain (dBi) | |
| | Main (ANT-0) | Smart Approach Co., Ltd. | DC33002Q40H (SE-ER5L1-001) | PIFA Antenna | U-NII Band 1 | 2.77 |
| | | | | | U-NII Band 2-A | 2.77 |
| | | | | | U-NII Band 2-C | 2.90 |
| | | | | | U-NII Band 3 | 2.00 |
| | Aux (ANT-1) | Smart Approach Co., Ltd. | DC33002Q41H (SE-ER5L1-002) | PIFA Antenna | U-NII Band 1 | 1.78 |
| | | | | | U-NII Band 2-A | 1.78 |
| | | | | | U-NII Band 2-C | 1.56 |
| | | | | | U-NII Band 3 | 0.89 |
| Antenna Delivery | Reference section 3.1 | | | | | |
| Operate Temp. Range | 0 ~ 40 ℃ | | | | | |
| EUT Power Rating | DC 12 V, 2 A | | | | | |

| Equipment Type | | |
|---|---|---|
| Outdoor access point | point-to-point | --- |
| | point-to-multipoint | --- |
| Indoor access point | | --- |
| Fixed point-to-point access points | | --- |
| Client devices | | V |

FCC

| Frequency Band | | Max. RF Output Power (W) |
|---|---|---|
| 802.11a | U-NII Band 1 | 0.121 |
| | U-NII Band 2-A | 0.111 |
| | U-NII Band 2-C | 0.118 |
| | U-NII Band 3 | 0.187 |
| 802.11n HT20 | U-NII Band 1 | 0.113 |
| | U-NII Band 2-A | 0.113 |
| | U-NII Band 2-C | 0.118 |
| | U-NII Band 3 | 0.141 |
| 802.11n HT40 | U-NII Band 1 | 0.140 |
| | U-NII Band 2-A | 0.140 |
| | U-NII Band 2-C | 0.170 |
| | U-NII Band 3 | 0.157 |
| 802.11ac VHT20 | U-NII Band 1 | 0.123 |
| | U-NII Band 2-A | 0.119 |
| | U-NII Band 2-C | 0.126 |
| | U-NII Band 3 | 0.153 |
| 802.11ac VHT40 | U-NII Band 1 | 0.150 |
| | U-NII Band 2-A | 0.148 |
| | U-NII Band 2-C | 0.183 |
| | U-NII Band 3 | 0.171 |
| 802.11ac VHT80 | U-NII Band 1 | 0.029 |
| | U-NII Band 2-A | 0.040 |
| | U-NII Band 2-C | 0.161 |
| | U-NII Band 3 | 0.165 |

IC

| Frequency Band | | Max. RF Output Power (W) | E.I.R.P. (W) | 99 % OCC BW (MHz) | Emission Designator |
|---|---|---|---|---|---|
| 802.11a | U-NII Band 1 | 0.041 | 0.077 | 17.421 | 17M4D1D |
| | U-NII Band 2-A | 0.111 | 0.210 | 17.395 | 17M4D1D |
| | U-NII Band 2-C | 0.118 | 0.231 | 17.200 | 17M2D1D |
| | U-NII Band 3 | 0.187 | 0.296 | 17.374 | 17M4D1D |
| 802.11n HT20 | U-NII Band 1 | 0.037 | 0.126 | - | - |
| | U-NII Band 2-A | 0.113 | 0.383 | --- | --- |
| | U-NII Band 2-C | 0.118 | 0.398 | --- | --- |
| | U-NII Band 3 | 0.141 | 0.394 | --- | --- |
| 802.11n HT40 | U-NII Band 1 | 0.051 | 0.173 | - | - |
| | U-NII Band 2-A | 0.140 | 0.474 | --- | --- |
| | U-NII Band 2-C | 0.170 | 0.571 | --- | --- |
| | U-NII Band 3 | 0.157 | 0.441 | --- | --- |
| 802.11ac VHT20 | U-NII Band 1 | 0.038 | 0.128 | 20.509 | 20M5D1D |
| | U-NII Band 2-A | 0.119 | 0.403 | 18.413 | 18M4D1D |
| | U-NII Band 2-C | 0.126 | 0.426 | 17.838 | 17M8D1D |
| | U-NII Band 3 | 0.153 | 0.427 | 18.168 | 18M2D1D |
| 802.11ac VHT40 | U-NII Band 1 | 0.052 | 0.175 | 37.267 | 37M3D1D |
| | U-NII Band 2-A | 0.148 | 0.501 | 37.185 | 37M2D1D |
| | U-NII Band 2-C | 0.183 | 0.615 | 36.578 | 36M6D1D |
| | U-NII Band 3 | 0.171 | 0.479 | 36.628 | 36M6D1D |
| 802.11ac VHT80 | U-NII Band 1 | 0.029 | 0.100 | 75.597 | 75M6D1D |
| | U-NII Band 2-A | 0.040 | 0.135 | 75.634 | 75M6D1D |
| | U-NII Band 2-C | 0.161 | 0.542 | 75.800 | 75M8D1D |
| | U-NII Band 3 | 0.165 | 0.461 | 75.809 | 75M8D1D |

WIFI 5G

5150 MHz ~5250 MHz(UNII-1):

| | | | | | |
|---|---|---|---|---|---|
| BW 20M | CH | 36 | 40 | 44 | 48 |
| | Freq. (MHz) | 5180 | 5200 | 5220 | 5240 |
| BW 40M | CH | 38 | | 46 | |
| | Freq. (MHz) | 5190 | | 5230 | |
| BW 80M | CH | 42 | | | |
| | Freq. (MHz) | 5210 | | | |

5250 MHz ~5350 MHz(UNII-2A):

| | | | | | |
|---|---|---|---|---|---|
| BW 20M | CH | 52 | 56 | 60 | 64 |
| | Freq. (MHz) | 5260 | 5280 | 5300 | 5320 |
| BW 40M | CH | 54 | | 62 | |
| | Freq. (MHz) | 5270 | | 5310 | |
| BW 80M | CH | 58 | | | |
| | Freq. (MHz) | 5290 | | | |

5470 MHz ~5725 MHz(UNII-2C):

| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| BW 20M | CH | 100 | 104 | 108 | 112 | 116 | 120 | 124 | 128 | 132 | 136 | 140 | 144 |
| | Freq. (MHz) | 5500 | 5520 | 5540 | 5560 | 5580 | 5600 | 5620 | 5640 | 5660 | 5680 | 5700 | 5720 |
| BW 40M | CH | 102 | | 110 | | 118 | | 126 | | 134 | | 142 | |
| | Freq. (MHz) | 5510 | | 5550 | | 5590 | | 5630 | | 5670 | | 5710 | |
| BW 80M | CH | 106 | | | | - | | | | 138 | | | |
| | Freq. (MHz) | 5530 | | | | - | | | | 5690 | | | |

5725 MHz ~5850 MHz(UNII-3):

| | | | | | | |
|---|---|---|---|---|---|---|
| BW 20M | CH | 149 | 153 | 157 | 161 | 165 |
| | Freq. (MHz) | 5745 | 5765 | 5785 | 5805 | 5825 |
| BW 40M | CH | 151 | | 159 | | NA |
| | Freq. (MHz) | 5755 | | 5795 | | |
| BW 80M | CH | 155 | | | | |
| | Freq. (MHz) | 5775 | | | | |

# 3 Test Methodology

## 3.1. Mode of Operation

Decision of Test Eurofins has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

| Pre-Test Mode | Final-Test Mode |
|---|---|
| Transmit Mode | V |
| 802.11a | V |
| 802.11n HT20 | |
| 802.11n HT40 | |
| 802.11ac VHT20 | V |
| 802.11ac VHT40 | V |
| 802.11ac VHT80 | V |

Software used to control the EUT for staying in continuous transmitting mode was programmed.
After verification, all tests were carried out with the worst case test modes.

By preliminary testing and verifying three axis (X, Y and Z) position of EUT transmitted status, it was found that "X axis" position was the worst, then the final test was executed the worst condition and test data were recorded in this report.

Note : Investigation has been done on all the possible configurations for searching the worst cases (VHT covers HT). The table is a list of the test modes show in this test report.

| Test Mode | ANT-0 | ANT-1 | ANT-0+1 |
|---|---|---|---|
| 802.11a | V | V | V |
| 802.11n HT20 | V | V | V |
| 802.11n HT40 | V | V | V |
| 802.11ac VHT20 | V | V | V |
| 802.11ac VHT40 | V | V | V |
| 802.11ac VHT80 | V | V | V |

| Test Mode | Antenna Delivery | Data Rate (Mbps) | Band | Test Channel |
|---|---|---|---|---|
| 802.11a | 2TX (CDD) | 6 | U-NII Band 1 | 36, 40, 48 |
| | | | U-NII Band 2-A | 52, 56, 64 |
| | | | U-NII Band 2-C | 100, 112, 140, 144 |
| | | | U-NII Band 3 | 144, 149, 157, 165 |
| 802.11n HT20 | 2TX (MIMO) | 13 | U-NII Band 1 | 36, 40, 48 |
| | | | U-NII Band 2-A | 52, 56, 64 |
| | | | U-NII Band 2-C | 100, 112, 140, 144 |
| | | | U-NII Band 3 | 144, 149, 157, 165 |
| 802.11n HT40 | 2TX (MIMO) | 27 | U-NII Band 1 | 38, 46 |
| | | | U-NII Band 2-A | 54, 62 |
| | | | U-NII Band 2-C | 102, 110, 134, 142 |
| | | | U-NII Band 3 | 142, 151,159 |
| 802.11ac VHT20 | 2TX (MIMO) | 13 | U-NII Band 1 | 36, 40, 48 |
| | | | U-NII Band 2-A | 52, 56, 64 |
| | | | U-NII Band 2-C | 100, 112, 140, 144 |
| | | | U-NII Band 3 | 144, 149, 157, 165 |
| 802.11ac VHT40 | 2TX (MIMO) | 27 | U-NII Band 1 | 38, 46 |
| | | | U-NII Band 2-A | 54, 62 |
| | | | U-NII Band 2-C | 102, 110, 134, 142 |
| | | | U-NII Band 3 | 142, 151,159 |
| 802.11ac VHT80 | 2TX (MIMO) | 58.6 | U-NII Band 1 | 42 |
| | | | U-NII Band 2-A | 58 |
| | | | U-NII Band 2-C | 106, 138 |
| | | | U-NII Band 3 | 138, 155 |

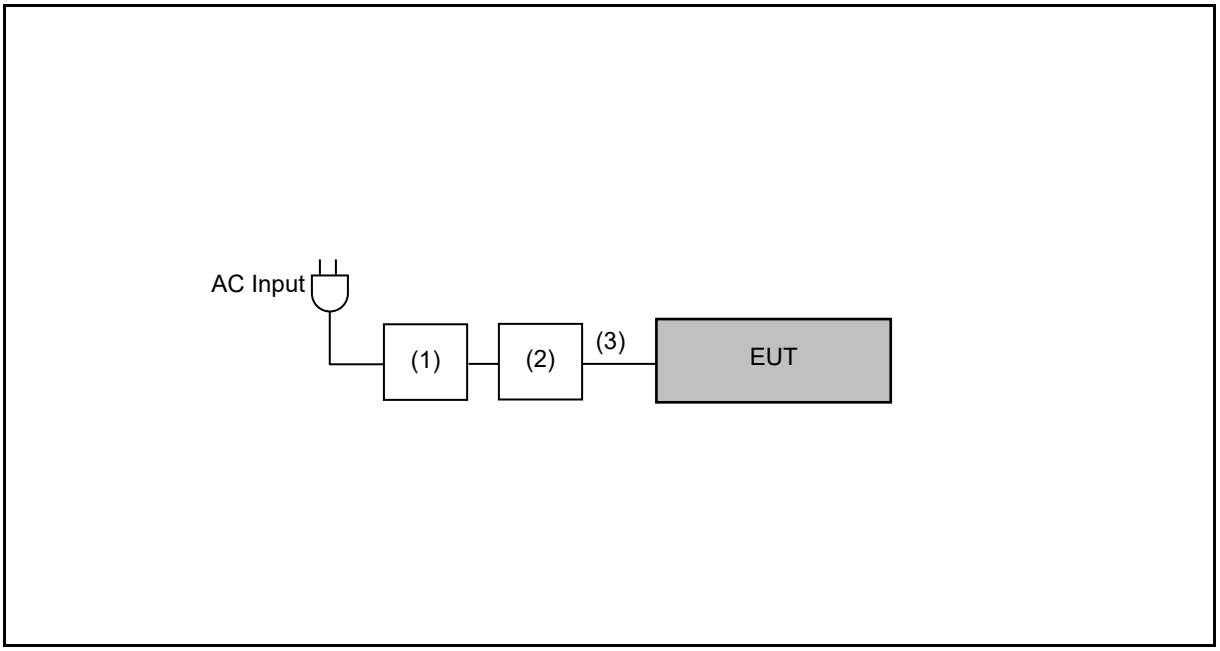
## 3.2. EUT Test Step

The EUT is operated in the engineering mode to fix the TX frequency for the purposes of measurement. According to its specifications, the EUT must comply with the requirements of Section 15.407 under the FCC Rules Part 15 Subpart E and RSS-247.

| | |
|---|---|
| 1. | Setup the EUT shown on “Configuration of Test System Details”. |
| 2. | Turn on the power of all equipment. |
| 3. | Turn on TX function. |
| 4. | EUT run test program. |

## 3.3. Configuration of Test System Details

Conducted Emissions & Radiated Emission




| Product | | Manufacturer | Model Number | Serial Number | Power Cord |
|---|---|---|---|---|---|
| (1) | Adapter | ASUS | EXA1203YH | --- | --- |
| (2) | NB | ASUS | BU400A | --- | --- |
| (3) | USB | USBMAX | USB2.0 MINI 5pin | --- | --- |

## 3.4. Test Instruments

For Conducted Emission
Test Period: Nov. 21, 2023
Testing Engineer: Jayson Hsieh

| Test Site | | Conduction01-BD | | | | |
|---|---|---|---|---|---|---|
| Use | Equipment | Manufacturer | Model Number | Serial Number | Cal. Date | Cal. Period |
| ☒ | Test Receiver | R&S | ESCI | 100367 | May 22, 2023 | 1 year |
| ☒ | LISN | R&S | ENV216 | 101040 | Mar. 21, 2023 | 1 year |
| ☒ | LISN | R&S | ENV216 | 101140 | Jan. 12, 2023 | 1 year |
| ☒ | RF Cable | Woken | 00100D1380194M | TE-02-03 | Jun. 01, 2023 | 1 year |
| ☒ | Software | EZ EMC | 1.1.4.3 | N/A | N.C.R. | --- |

For Conducted
Test Period: Nov. 16 ~ Dec. 08, 2023
Testing Engineer: Andy Lu, Peter Shui, Luke Yang

| Test Site | | RF01-BD | | | | |
|---|---|---|---|---|---|---|
| Use | Equipment | Manufacturer | Model Number | Serial Number | Cal. Date | Cal. Period |
| ☒ | Power Sensor | Anritsu | MA2411B | 1126022 | Aug. 31, 2023 | 1 year |
| ☒ | Power Meter | Anritsu | ML2495A | 1135009 | Aug. 31, 2023 | 1 year |
| ☒ | Spectrum Analyzer (10 Hz~26.5 GHz) | Keysight | N9010B | MY59071418 | Mar. 20, 2023 | 1 year |
| ☒ | Signal Generator | Keysight | N5182B | MY53052569 | Apr. 17, 2023 | 1 year |
| ☒ | Signal Generator | Keysight | N5182BX07 | MY59360221 | Apr. 17, 2023 | 1 year |

Note: N.C.R. = No Calibration Request.

For Radiated Emissions
Test Period: Nov. 22 ~ Nov. 24, 2023
Testing Engineer: Hung Chou, Kerry Xu, Marc Yeh

| Test Site | | 96603-BD | | | | |
|---|---|---|---|---|---|---|
| Radiation test sites | | Semi Anechoic Room | | | | |
| Use | Equipment | Manufacturer | Model Number | Serial Number | Cal. Date | Cal. Period |
| ☒ | Spectrum Analyzer (10 Hz~44 GHz) | Keysight | N9020B | MY60112363 | Jan. 13, 2023 | 1 year |
| ☒ | Amplifier (100 kHz~1.3 GHz) | Agilent | 8447D | 2944A11119 | Jan. 07, 2023 | 1 year |
| ☒ | Broadband Amplifier (1 GHz~26.5 GHz) | Titan | T0912E01263025 A1F | 002 | Jul. 24, 2023 | 1 year |
| ☒ | Preamplifier (26.5 GHz~40 GHz) | EMCI | EMC2654045 | 980028 | Sep. 01, 2023 | 1 year |
| ☒ | Loop Antenna (9 kHz~30 MHz) | COM-POWER CORPORATION | AL-130 | 121014 | Mar. 23, 2023 | 1 year |
| ☒ | Trilog Broadband Antenna (30 kHz~1 GHz) | Schwarzbeck Mess-Elektronik | VULB9168 | 01146 | Jun. 26, 2023 | 1 year |
| ☒ | Broadband Horn Antenna (1 GHz~18 GHz) | Schwarzbeck Mess-Elektronik | 9120D | 02207 | Jul. 07, 2023 | 1 year |
| ☒ | Broadband Horn Antenna (18 GHz~40 GHz) | Schwarzbeck Mess-Elektronik | 9170 | 9170-320 | Jul. 21, 2023 | 1 year |
| ☒ | Coaxial Cable | Titan | T0710AT327A10A 100 | J11005 | Aug. 10, 2023 | 1 year |
| ☒ | Coaxial Cable | Titan | T0710AT327A10A 900 | J11004 | Aug. 10, 2023 | 1 year |
| ☒ | Coaxial Cable | Titan | CFD400NL-LW | 001 | Aug. 10, 2023 | 1 year |
| ☒ | Software | EZ EMC | 1.1.4.4 | N/A | N.C.R. | --- |

Note: N.C.R. = No Calibration Request.

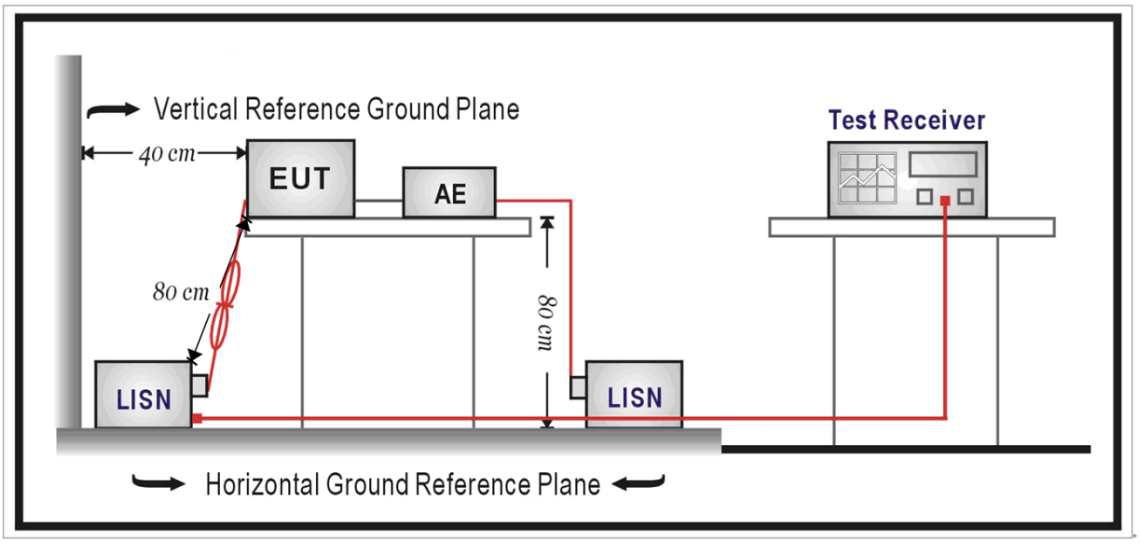
# 4 Measurement Procedure

## 4.1. AC Power Conducted Emission Measurement

■ **Limit**

| Frequency (MHz) | Quasi-peak | Average |
|---|---|---|
| 0.15 - 0.5 | 66 to 56 | 56 to 46 |
| 0.50 - 5.0 | 56 | 46 |
| 5.0 - 30.0 | 60 | 50 |

■ **Test Setup**



■ **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 Ω// 50 uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50 Ω// 50 uH coupling impedance with 50 Ω termination.

Tabletop device shall be placed on a non-conducting platform, of nominal size 1 m by 1.5 m, raised 80 cm above the reference ground plane. The wall of screened room shall be located 40 cm to the rear of the EUT. Other surfaces of tabletop or floor standing EUT shall be at least 80 cm from any other ground conducting surface including one or more LISNs. For floor-standing device shall be placed under the EUT with a 12 mm insulating material.

Conducted emissions were investigated over the frequency range from 0.15 MHz to 30 MHz using a resolution bandwidth of 9 kHz. The equipment under test (EUT) shall be meet the limits in section 4.1, as applicable, including the average limit and the quasi-peak limit when using respectively, an average detector and quasi-peak detector measured in accordance with the methods described of related standard. When all of peak value were complied with quasi-peak and average limit from 150 kHz to 30 MHz then quasi-peak and average measurement was unnecessary.

The AMN shall be placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for AMNs mounted on top of the ground reference plane. This distance is between the closest points of the AMN and the EUT. All other units of the EUT and associated equipment shall be at least 0.8 m from the AMN. If the mains power cable is longer than 1 m then the cable shall be folded back and forth at the centre of the lead to form a bundle no longer than 0.4 m. All of interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 cm to 40 cm long. All of EUT and AE shall be separate place more than 0.1 m. All 50 Ω ports of the LISN shall be resistively terminated into 50 Ω loads when not connected to the measuring instrument.

If the reading of the measuring receiver shows fluctuations close to the limit, the reading shall be observed for at least 15 s at each measurement frequency; the higher reading shall be recorded with the exception of any brief isolated high reading which shall be ignored

## 4.2. Transmitter Radiated Emissions Measurement

■ **Limit**

**For FCC:**

(1) Undesirable emission limits. Except as shown in paragraph (b)(9) of this section, the maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(a) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(b) For transmitters operating in the 5.25-5.35 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(c) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(d) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

(e) For transmitters operating solely in the 5.850-5.895 GHz band or operating on a channel that spans across 5.725-5.895 GHz:

| Device Type | | Limit |
|---|---|---|
| ☐ | Indoor access point | (i) All emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of −7 dBm/MHz at or above 5.925 GHz.<br>(ii) All emissions below 5.725 GHz shall not exceed an e.i.r.p. of −27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz. |
| ☐ | Subordinate | |
| ■ | Client | (i) All emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of −5 dBm/MHz and shall decrease linearly to an e.i.r.p. of −27 dBm/MHz at or above 5.925 GHz.<br>(ii) All emissions below 5.725 GHz shall not exceed an e.i.r.p. of −27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz. |

| EIRP (dBm) | Field Strength at 3 m(dBuV/m) |
|---|---|
| -27 | 68.3 |

(2) Limits of Radiated Emission Measurement

Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

| Frequency Range (MHz) | Field Strength (microvolts/meter) | Measurement Distance (meters) |
|---|---|---|
| 0.009 ~ 0.490 | 2400/F(kHz) | 300 |
| 0.490 ~ 1.705 | 24000/F(kHz) | 30 |
| 1.705 ~ 30.0 | 30 | 30 |
| 30 ~ 88 | 10 | 3 |
| 88 ~ 216 | 150 | 3 |
| 216 ~ 960 | 200 | 3 |
| Above 960 | 500 | 3 |

Note: 1. The lower limit shall apply at the transition frequencies.
2. Emission level (dBuV/m) = 20 log Emission level (uV/m).
3. As shown in 15.35(b), for frequencies above 1000 MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20 dB under any condition of modulation.

**For IC:**

(1) Undesirable emission limits. The maximum emissions outside of the frequency bands of operation shall be attenuated in accordance with the following limits:

(a) For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(b) For transmitters operating in the 5.25-5.35 GHz band:
All emissions outside of the 5.25-5.35 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz; or
All emissions outside the band 5150-5350 MHz shall not exceed -27 dBm/MHz EIRP and its power shall comply with the spectral powerdensity for operation within the band 5150-5250 MHz. The device, except devices installed in vehicles, shall be labelled or include in theuser manual the following text “for indoor use only.”

(c) For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.

(d) For transmitters operating in the 5.725-5.85 GHz band:

(i) All emissions shall be limited to a level of −27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

(e) For transmitters operating solely in the 5.850-5.895 GHz band or operating on a channel that spans across 5.725-5.895 GHz:

| Device Type | | Limit |
|---|---|---|
| ☐ | Fixed outdoor access points | (i) All emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz.<br>(ii) All emissions below 5.725 GHz shall not exceed an e.i.r.p. of −27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz. |
| ☐ | Fixed outdoor client | |
| ☐ | Indoor access point | (i) All emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of −7 dBm/MHz at or above 5.925 GHz.<br>(ii) All emissions below 5.725 GHz shall not exceed an e.i.r.p. of −27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz. |
| ☐ | Indoor subordinate | |
| ■ | Client | (i) All emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of −5 dBm/MHz and shall decrease linearly to an e.i.r.p. of −27 dBm/MHz at or above 5.925 GHz.<br>(ii) All emissions below 5.725 GHz shall not exceed an e.i.r.p. of −27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz. |

| EIRP (dBm) | Field Strength at 3 m(dBuV/m) |
|---|---|
| -27 | 68.2 |

(2) Limits of Radiated Emission Measurement

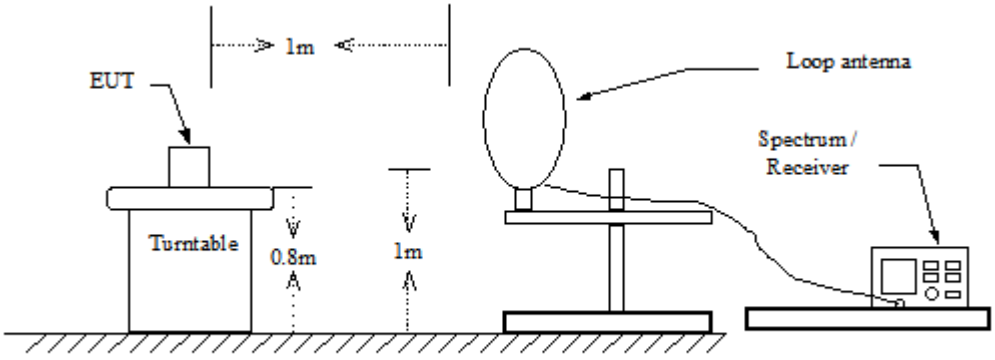
Emissions radiated outside of the specified bands, shall be according to the general radiated limits in RSS-Gen as following:

| Frequency Range (MHz) | Field Strength (microvolts/meter) | Measurement Distance (meters) |
|---|---|---|
| 0.009 ~ 0.490 | 2400/F(kHz) | 300 |
| 0.490 ~ 1.705 | 24000/F(kHz) | 30 |
| 1.705 ~ 30.0 | 30 | 30 |
| 30 ~ 88 | 10 | 3 |
| 88 ~ 216 | 150 | 3 |
| 216 ~ 960 | 200 | 3 |
| Above 960 | 500 | 3 |

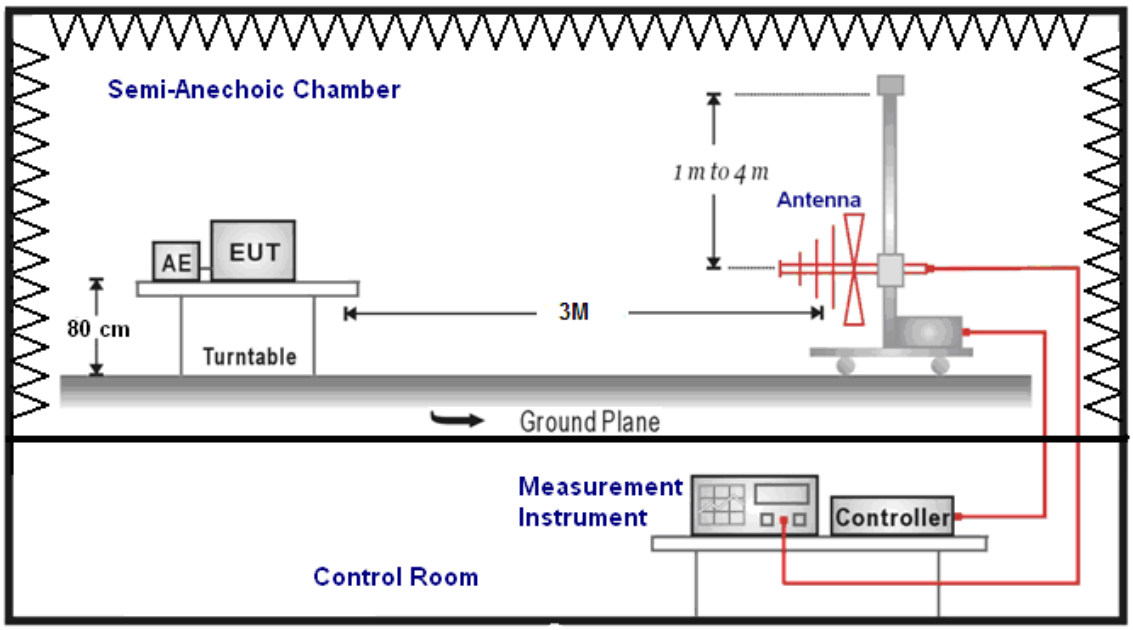
Note: The emission limits for the bands 9-90 kHz and 110-490 kHz are based on measurements employing a linear average detector. Transmitting devices are not permitted in restricted frequency bands unless stated otherwise in the relevant RSS.

■ **Setup**

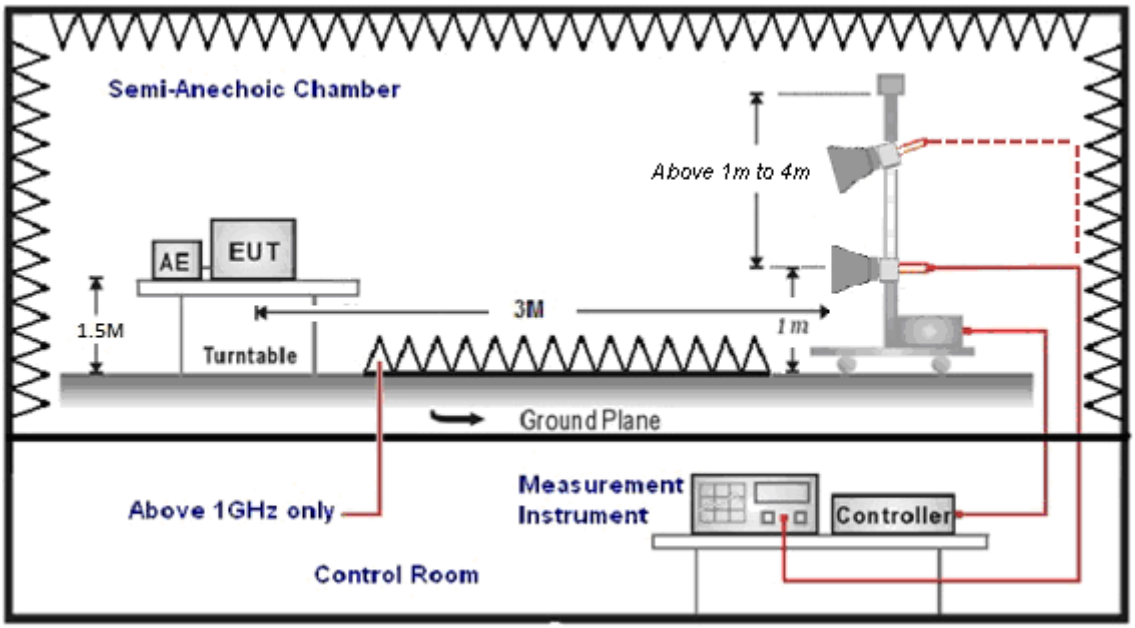
9 kHz ~ 30 MHz



30 MHz ~ 1 GHz




Above 1 GHz



■ **Test Procedure**

Final radiation measurements were made on a three-meter, Semi Anechoic Chamber. The EUT system was placed on a nonconductive turntable which is 0.8 or 1.5 meters height(below 1 GHz use 0.8 m turntable / above 1 GHz use 1.5 m turntable), top surface 1.0 x 1.5 meter. The spectrum was examined from 250 MHz to 2.5 GHz in order to cover the whole spectrum below 10th harmonic which could generate from the EUT. During the test, EUT was set to transmit continuously & Measurements spectrum range from 9 kHz to 40 GHz is investigated.

For measurements below 30 MHz the resolution bandwidth is set to 10 kHz for peak detection measurements or 9 kHz for quasi-peak detection measurements. The video bandwidth is 3 times of the resolution bandwidth.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For restricted measurements above 1 GHz the resolution bandwidth is set to 1 MHz, and then the video bandwidth is set to 3 MHz for peak measurements and 10 Hz for average measurements when Duty cycle > 0.98 / 1/T for average measurements when Duty cycle < 0.98.

For out of band measurements above 1 GHz the resolution bandwidth is set to 1 MHz, and then the video bandwidth is set to 3 MHz for peak measurements.

A nonconductive material surrounded the EUT to supporting the EUT for standing on tree orthogonal planes. At each condition, the EUT was rotated 360 degrees, and the antenna was raised and lowered from one to four meters to find the maximum emission levels. Measurements were taken using both horizontal and vertical antenna polarization. Trilog-Broadband Antenna at 3 Meter and the Horn antnna Schwarzbeck Mess-Elektronik Broadband Horn Antenna was used in frequencies 1 – 40 GHz at a distance of 3 meter. The antenna at an angle toward the source of the emission.All test results were extrapolated to equivalent signal at 3 meters utilizing an inverse linear distance extrapolation Factor (20 dB/decade).

For testing above 1 GHz, the emission level of the EUT in peak mode was 20 dB lower than average limit (that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

Appropriate preamplifiers were used for improving sensitivity and precautions were taken to avoid overloading or desensitizing the spectrum analyzer. No post – detector video filters were used in the test.

The spectrum analyzer's 6 dB bandwidth was set to 1 MHz, and the analyzer was operated in the peak detection mode, for frequencies both below and up 1 GHz. The average levels were obtained by subtracting the duty cycle correction factor from the peak readings.

The following procedures were used to convert the emission levels measured in decibels referenced to 1 microvolt (dBuV) into field intensity in micro volts pre meter (uV/m).

The actual field intensity in decibels referenced to 1 microvolt in to field intensity in micro colts per meter (dBuV/m).

Data of measurement within this frequency range without mark in the table above means the reading of emissions are attenuated more than 20 dB below the permissible limits or the field strength is too small to be measured.

The actual field is intensity in referenced to 1 microvolt per meter (dBuV/m) is determined by algebraically adding the measured reading in dBuV, the antenna factor (dB), and cable loss (dB) and Subtracting the gain of preamplifier (dB) is auto calculate in spectrum analyzer.

(1) Amplitude (dBuV/m) = FI (dBuV) +AF (dBuV) +CL (dBuV)-Gain (dB)
FI= Reading of the field intensity.
AF= Antenna factor.
CL= Cable loss.
P.S Amplitude is auto calculate in spectrum analyzer.

(2) Actual Amplitude (dBuV/m) = Amplitude (dBuV)-Dis(dB)
The FCC specified emission limits were calculated according the EUT operating frequency and by following linear interpolation equations:
(a) For fundamental frequency : Transmitter Output < +30 dBm
(b) For spurious frequency: Spurious emission limits = fundamental emission limit /10

(3) EIRP[dBm] = E[dBuV/m] + 20 log(d[meters])- 104.77
d = 3 meters : EIRP[dBm] = E[dBuV/m] – 95.2
EIRP = -17 dBm : E[dBuV/m] = 95.2 – 17 = 78.2
EIRP = -27 dBm : E[dBuV/m] = 95.2 – 17 = 68.2

**Measuring Instruments and setting**

The following table is the setting of spectrum analyzer and receiver.

| Spectrum Parameter | Setting |
|---|---|
| Attenuation | Auto |
| Start Frequency | 1000 MHz |
| Stop Frequency | 40 GHz |
| RBW/VBW(Emission in restricted band) | 1 MHz / 3 MHz for Peak<br>1 MHz / (1/T) for Average |
| RBW/VBW(Emission in non-restricted band) | 1 MHz / 3 MHz for Peak<br>1 MHz / (1/T) for Average |

## 4.3. Maximum Conducted Output Power and E.I.R.P. Measurement

■ **Limit**

**For FCC:**

| Frequency Range (MHz) | FCC Maximum Conducted Output Power Limit |
|---|---|
| | Client |
| 5.150 ~ 5.250 GHz | The lesser of 250 mW (24 dBm) |
| 5.250 ~ 5.350 GHz | The lesser of 250 mW (24 dBm) or 11 dBm + 10 log (B) |
| 5.470 ~ 5.725 GHz | The lesser of 250 mW (24 dBm) or 11 dBm + 10 log (B) |
| 5.725 ~ 5.850 GHz | The lesser of 1 W (30 dBm) |

| Frequency Range (MHz) | | 5.850 ~ 5.895 GHz or spans across 5.725-5.895 GHz |
|---|---|---|
| Device Type | | EIRP Limit |
| ☐ | Indoor access point | The maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm. Indoor access points operating on a channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands must not exceed an e.i.r.p. of 36 dBm. |
| ☐ | Subordinate | The maximum e.i.r.p. over the frequency band of operation must not exceed 36 dBm. |
| ■ | Client | The maximum e.i.r.p. over the frequency band of operation must not exceed 30 dBm. Client devices operating on a channel that spans the 5.725-5.850 GHz and 5.850-5.895 GHz bands must not exceed an e.i.r.p. of 30 dBm. |

Note: EIRP = Conducted power + Directional Gain

According FCC KDB 662911 D01 v02r01 – for power spectral density measurements on IEEE802.11 devices.

**For IC:**

5150-5250 MHz

The maximum e.i.r.p. shall not exceed 200 mW or 10 + 10 log10B, dBm, whichever power is less. B is the 99 % emission bandwidth in megahertz.

5250-5350 MHz

The maximum conducted output power shall not exceed 250 mW or 11 + 10 log10B, dBm, whichever is less.
The maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log10B, dBm, whichever is less. B is the 99 % emission bandwidth in megahertz.
Note: That devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

5470-5600 MHz and 5650-5725 MHz

The maximum conducted output power shall not exceed 250 mW or 11 + 10 log10B, dBm, whichever is less.
The maximum e.i.r.p. shall not exceed 1.0 W or 17 + 10 log10B, dBm, whichever is less. B is the 99 % emission bandwidth in megahertz.
Note: That devices with a maximum e.i.r.p. greater than 500 mW shall implement TPC in order to have the capability to operate at least 6 dB below the maximum permitted e.i.r.p. of 1 W.

5725-5850 MHz

The maximum conducted output power shall not exceed 1 W.
If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

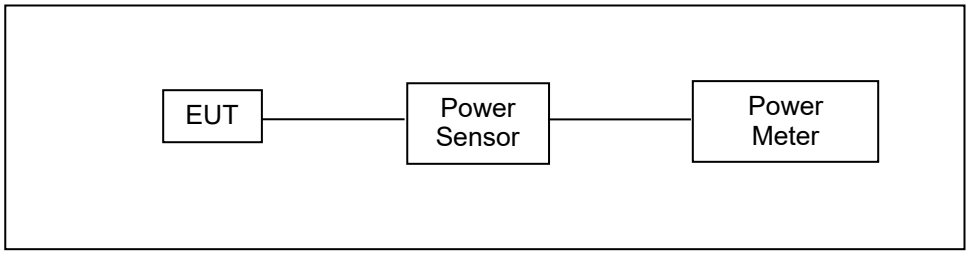
5.850 ~ 5.895 GHz or spans across 5.725-5.895 GHz

| Frequency Range (MHz) | | 5.850 ~ 5.895 GHz or spans across 5.725-5.895 GHz |
|---|---|---|
| Device Type | | EIRP Limit |
| ☐ | Fixed outdoor access points | The maximum e.i.r.p. shall not exceed 4 W (36 dBm). The maximum e.i.r.p. measured at any elevation angle greater than 30 degrees above the horizon, shall not exceed 125 mW (21 dBm) over the 5850-5895 MHz frequency band. |
| ☐ | Fixed outdoor client devices | The maximum e.i.r.p. shall not exceed 1 W (30 dBm). |
| ☐ | Indoor access point | The maximum e.i.r.p. shall not exceed 4 W (36 dBm). |
| ☐ | Indoor subordinate | The maximum e.i.r.p. shall not exceed 4 W (36 dBm). |
| ■ | Indoor Client | The maximum e.i.r.p. shall not exceed 1 W (30 dBm). |

Note: EIRP = Conducted power + Directional Gain

According FCC KDB 662911 D01 v02r01 – for power spectral density measurements on IEEE802.11 devices.

■ **Test Setup**




■ **Test Procedure**

The test is performed in accordance with ANSI C63.10:2013 section 12.3.3.2, Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices

Section (E) Maximum Conducted Output Power

3. Measurement using a Power Meter (PM)

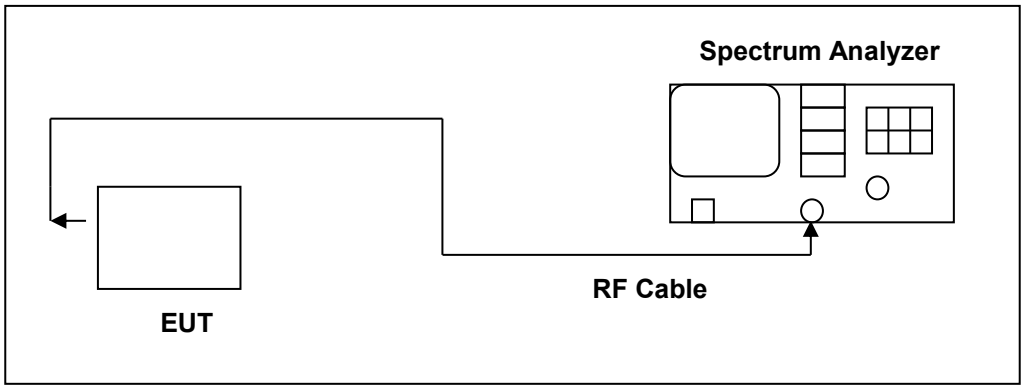
b) Method PM-G (Measurement using a gated RF average power meter)

## 4.4. 26 dB RF Bandwidth and 99 % Occupied Bandwidth Measurement

■ **Limit**

N/A

■ **Test Setup**




■ **Test Procedure**

26 dB RF Bandwidth:

The test is performed in accordance with ANSI C63.10:2013 section 12.4.1, Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - Part 15, Subpart E.

99 % Occupied Bandwidth:

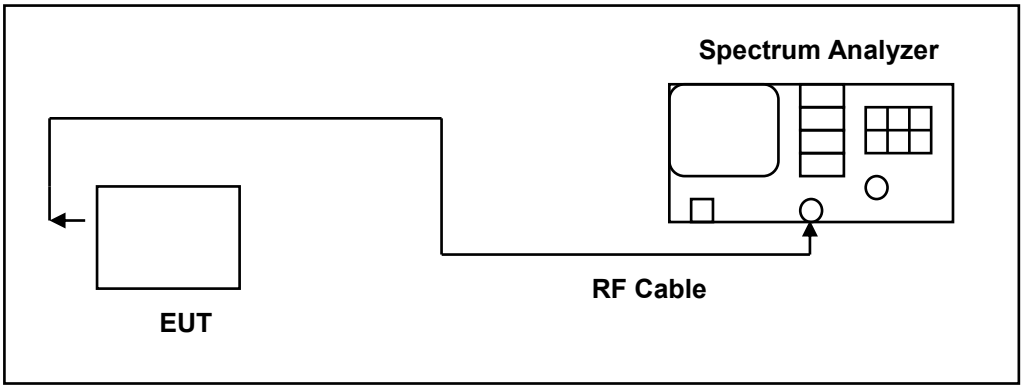
The test is performed in accordance with ANSI C63.10:2013 section 6.9.3, Guidelines for Compliance Testing Canada RSS-247.

## 4.5. 6 dB RF Bandwidth Measurement

### ■ Limit

Systems using digital modulation techniques may operate in the 5725~5850 MHz and 5850~5895 MHz bands. The minimum 6 dB band-width shall be at least 500 kHz.

### ■ Test Setup




### ■ Test Procedure

The EUT tested to UNII test procedure of ANSI C63.10:2013 section 6.9.2 for compliance to FCC 47CFR 15.407 and RSS-247 requirements.

The antenna port of the EUT was connected to the input of a spectrum analyzer. Analyzer RES BW was set to 100 kHz. For each RF output channel investigated, the spectrum analyzer center frequency was set to the channel carrier. A peak output reading was taken, a DISPLAY line was drawn 6 dB lower than peak level. The 6 dB bandwidth was determined from where the channel output spectrum intersected the display line.

The test was performed at 3 channels.

## 4.6. Maximum Power Spectral Density and E.I.R.P. Spectral Density Measurement

■ **Limit**

**For FCC:**

| Frequency Range (MHz) | FCC Limit |
|---|---|
| | Client |
| 5.150 ~ 5.250 GHz | 11 dBm/MHz |
| 5.250 ~ 5.350 GHz | 11 dBm/MHz |
| 5.470 ~ 5.725 GHz | 11 dBm/MHz |
| 5.725 ~ 5.850 GHz | 30 dBm/500 kHz |

EIRP spectral density

| Frequency Range (MHz) | | 5.850 ~ 5.895 GHz |
|---|---|---|
| Device Type | | EIRP spectral density Limit |
| ☐ | Indoor access point | 20 dBm/MHz |
| ☐ | Subordinate | |
| ■ | Client | 14 dBm/MHz |

Note: EIRP spectral density = Conducted power spectral density + Directional Gain

According FCC KDB 662911 D01 v02r01 – for power spectral density measurements on IEEE802.11 devices.

**For IC:**

Frequency Band 5150-5250 MHz

The e.i.r.p. spectral density shall not exceed 10 dBm in any 1.0 MHz band.

Frequency Band 5250-5350 MHz

The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

Frequency Bands 5470-5600 MHz and 5650-5725 MHz

The power spectral density shall not exceed 11 dBm in any 1.0 MHz band.

Frequency Band 5725-5850 MHz

The 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 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 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-multipoint3 systems, omnidirectional applications and multiple collocated transmitters transmitting the same information.

5.850 ~ 5.895 GHz or spans across 5.725-5.895 GHz

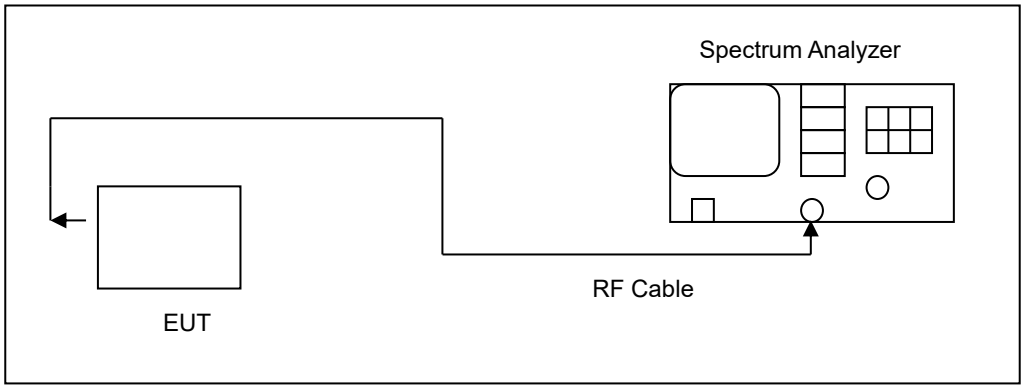
| Frequency Range (MHz) | | 5.850 ~ 5.895 GHz or spans across 5.725-5.895 GHz |
|---|---|---|
| Device Type | | EIRP spectral density Limit |
| ☐ | Fixed outdoor access points | The maximum e.i.r.p. spectral density shall not exceed 23 dBm/MHz. |
| ☐ | Fixed outdoor client devices | The maximum e.i.r.p. spectral density shall not exceed 17 dBm/MHz. |
| ☐ | Indoor access point | The maximum e.i.r.p. spectral density shall not exceed 20 dBm/MHz. |
| ☐ | Indoor subordinate | The maximum e.i.r.p. spectral density shall not exceed 20 dBm/MHz. |
| ■ | Indoor Client | The maximum e.i.r.p. spectral density shall not exceed 14 dBm/MHz. |

Note: EIRP spectral density = Conducted power spectral density + Directional Gain

According FCC KDB 662911 D01 v02r01 – for power spectral density measurements on IEEE802.11 devices.

According FCC KDB 662911 D01 v02r01 – for power spectral density measurements on IEEE802.11 devices.

■ **Test Setup**




■ **Test Procedure**

The test is performed in accordance with ANSI C63.10:2013 section 12.5, Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices - Part 15, Subpart E and RSS-247.

Method SA-2, Power density = measured result + 10 log(1/duty cycle) = measured result + duty factor.

E.I.R.P. spectral density = Power spectral density + Gain

| Spectrum Parameter | Setting |
|---|---|
| Attenuation | Auto |
| Span Frequency | Encompass the entire emissions bandwidth (EBW) of the signal |
| RBW | 1 MHz<br>(5725 ~ 5895 MHz use 100 kHz) |
| VBW | 3 MHz<br>(5725 ~ 5895 MHz use 300 kHz) |
| Detector | RMS |
| Trace | AVERAGE |
| Sweep Time | Auto |
| Trace Average | 100 times |
| Note: If measurement bandwidth of Maximum PSD is specified in 500 kHz or 1 MHz, add 10 log(500 kHz/100 kHz) or 10 log(1 MHz/100 kHz) to the measured result. | |

## 4.7. Automatically discontinue transmission

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

■ **Declare**

While the EUT is not transmitting any information, the EUT can automatically discontinue transmission and become standby mode for power saving.

The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

## 4.8. Antenna Requirement

■ **Requirement**

**For FCC:**

For intentional device, according to 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.
And According to 15.407 (a), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

**For IC:**

The applicant for equipment certification shall provide a list of all antenna types that may be used with the transmitter, where applicable (i.e. for transmitters with detachable antenna), indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna. The test report shall demonstrate the compliance of the transmitter with the limit for maximum equivalent isotropically radiated power (e.i.r.p.) specified in the applicable RSS, when the transmitter is equipped with any antenna type, selected from this list.

For expediting the testing, measurements may be performed using only the antenna with highest gain of each combination of transmitter and antenna type, with the transmitter output power set at the maximum level. However, the transmitter shall comply with the applicable requirements under all operational conditions and when in combination with any type of antenna from the list provided in the test report (and in the notice to be included in the user manual, provided below).

When measurements at the antenna port are used to determine the RF output power, the effective gain of the device's antenna shall be stated, based on a measurement or on data from the antenna's manufacturer.

The test report shall state the RF power, output power setting and spurious emission measurements with each antenna type that is used with the transmitter being tested.

For licence-exempt equipment with detachable antennas, the user manual shall also contain the following notice in a conspicuous location:

This radio transmitter [enter the device's ISED certification number] has been approved by Innovation, Science and Economic Development Canada to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

Immediately following the above notice, the manufacturer shall provide a list of all antenna types which can be used with the transmitter, indicating the maximum permissible antenna gain (in dBi) and the required impedance for each antenna type.

■ **Antenna Connector Construction**

See section 2 – antenna information.

■ **Directional Gain Calculated**

| Test mode | Band | Transmission Type | Antenna | | | | Directional Gain For Power (dBi) | Directional Gain For PSD (dBi) | Power Limit Reduction (dB) | PSD Limit Reduction (dB) |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ant-0 (dBi) | Ant-1 (dBi) | Ant-2 (dBi) | Ant-3 (dBi) | | | | |
| 802.11a | Band 1 | CDD | 2.77 | 1.78 | - | - | 2.77 | 5.30 | 0.00 | 0.00 |
| | Band 2-A | | 2.77 | 1.78 | - | - | 2.77 | 5.30 | 0.00 | 0.00 |
| | Band 2-C | | 2.90 | 1.56 | - | - | 2.90 | 5.27 | 0.00 | 0.00 |
| | Band 3 | | 2.00 | 0.89 | - | - | 2.00 | 4.47 | 0.00 | 0.00 |
| 802.11n HT20/ 802.11n HT40/ 802.11ac VHT20/ 802.11ac VHT40/ 802.11ac VHT80 | Band 1 | MIMO | 2.77 | 1.78 | - | - | 5.30 | 5.30 | 0.00 | 0.00 |
| | Band 2-A | | 2.77 | 1.78 | - | - | 5.30 | 5.30 | 0.00 | 0.00 |
| | Band 2-C | | 2.90 | 1.56 | - | - | 5.27 | 5.27 | 0.00 | 0.00 |
| | Band 3 | | 2.00 | 0.89 | - | - | 4.47 | 4.47 | 0.00 | 0.00 |

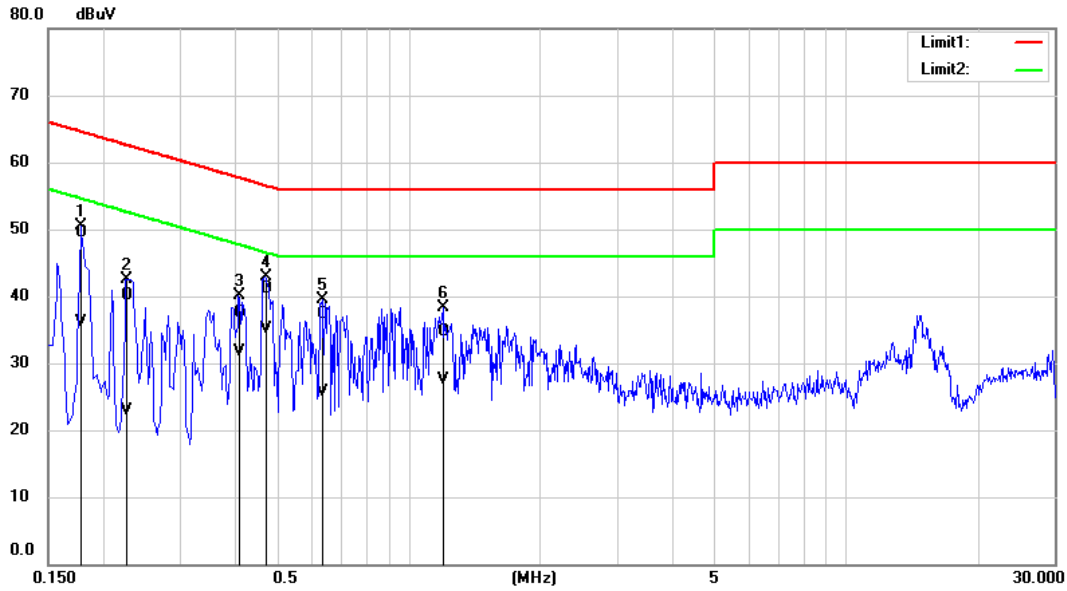
If transmit signals are correlated, then Directional gain = 10 log[($10^{G1/20}$ + $10^{G2/20}$ + … + $10^{GN/20}$) 2 /NANT]

If all transmit signals are completely uncorrelated, then Directional gain = 10 log[($10^{G1/10}$ + $10^{G2/10}$ + … + $10^{GN/10}$)/NANT]

# 5 Test Results

## 5.1. Conducted Emission

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Line: | L1 |
| Test item: | Conducted Emission | Power: | AC 120 V/60 Hz |
| Test Mode: | Transmit mode | | |
| Description: | | | |

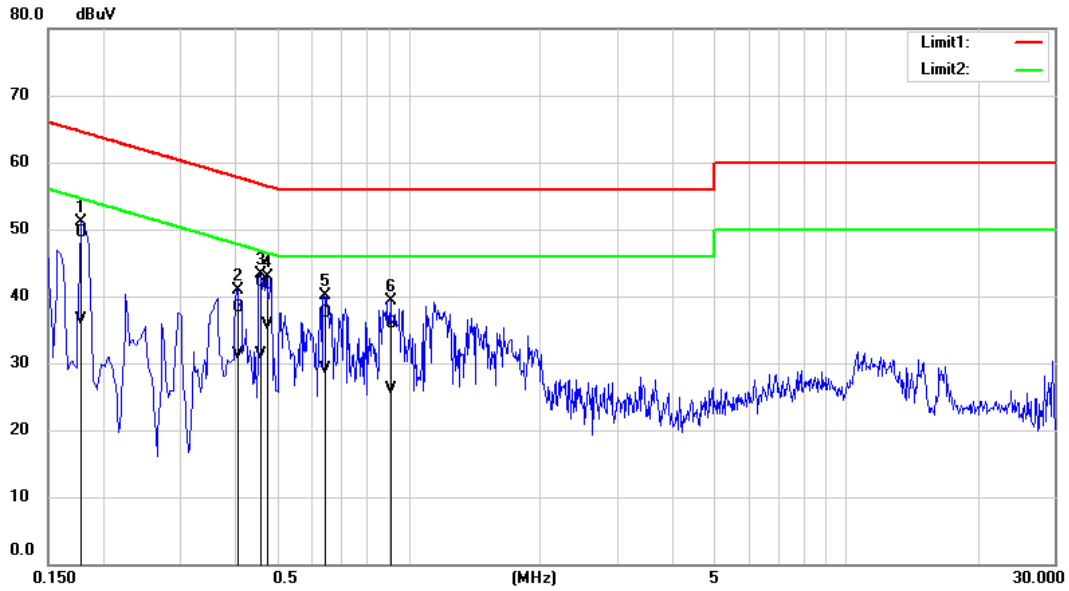



| No. | Frequency (MHz) | QP reading (dBuV) | AVG reading (dBuV) | Correction factor (dB) | QP result (dBuV) | AVG result (dBuV) | QP limit (dBuV) | AVG limit (dBuV) | QP margin (dB) | AVG margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.1780 | 39.95 | 26.46 | 9.61 | 49.56 | 36.07 | 64.58 | 54.58 | -15.02 | -18.51 | Pass |
| 2 | 0.2260 | 30.57 | 13.21 | 9.61 | 40.18 | 22.82 | 62.60 | 52.60 | -22.42 | -29.78 | Pass |
| 3 | 0.4100 | 27.85 | 22.14 | 9.63 | 37.48 | 31.77 | 57.65 | 47.65 | -20.17 | -15.88 | Pass |
| 4 | 0.4700 | 31.52 | 25.55 | 9.63 | 41.15 | 35.18 | 56.51 | 46.51 | -15.36 | -11.33 | Pass |
| 5 | 0.6340 | 27.60 | 16.12 | 9.64 | 37.24 | 25.76 | 56.00 | 46.00 | -18.76 | -20.24 | Pass |
| 6 | 1.1980 | 25.07 | 17.83 | 9.67 | 34.74 | 27.50 | 56.00 | 46.00 | -21.26 | -18.50 | Pass |

Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB) = Cable loss (dB) + L.I.S.N. factor (dB).

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Line: | N |
| Test item: | Conducted Emission | Power: | AC 120 V/60 Hz |
| Test Mode: | Transmit mode | | |
| Description: | | | |




| No. | Frequency (MHz) | QP reading (dBuV) | AVG reading (dBuV) | Correction factor (dB) | QP result (dBuV) | AVG result (dBuV) | QP limit (dBuV) | AVG limit (dBuV) | QP margin (dB) | AVG margin (dB) | Remark |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 0.1780 | 39.83 | 26.85 | 9.61 | 49.44 | 36.46 | 64.58 | 54.58 | -15.14 | -18.12 | Pass |
| 2 | 0.4060 | 28.61 | 21.77 | 9.62 | 38.23 | 31.39 | 57.73 | 47.73 | -19.50 | -16.34 | Pass |
| 3 | 0.4580 | 32.58 | 21.62 | 9.62 | 42.20 | 31.24 | 56.73 | 46.73 | -14.53 | -15.49 | Pass |
| 4 | 0.4740 | 32.03 | 26.11 | 9.62 | 41.65 | 35.73 | 56.44 | 46.44 | -14.79 | -10.71 | Pass |
| 5 | 0.6420 | 27.85 | 19.44 | 9.63 | 37.48 | 29.07 | 56.00 | 46.00 | -18.52 | -16.93 | Pass |
| 6 | 0.9100 | 26.17 | 16.44 | 9.65 | 35.82 | 26.09 | 56.00 | 46.00 | -20.18 | -19.91 | Pass |

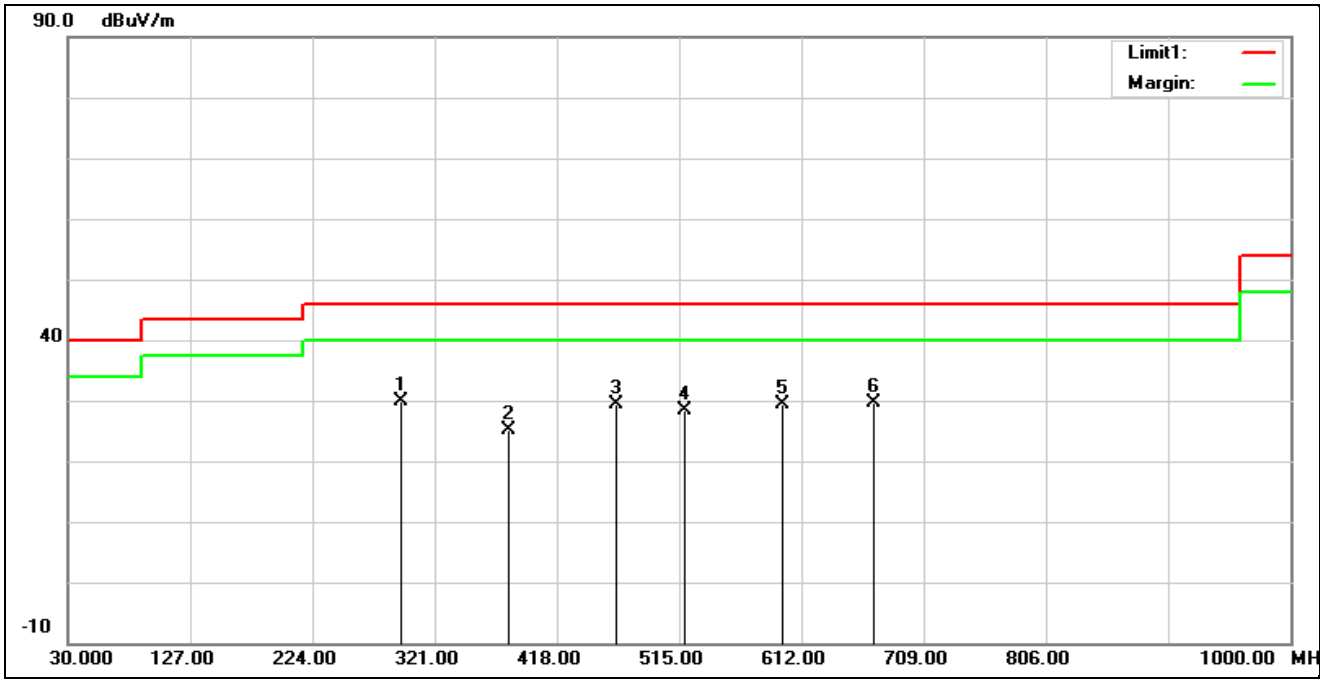
Note: 1. Result (dBuV) = Correction factor (dB) + Reading(dBuV).

2. Correction factor (dB) = Cable loss (dB) + L.I.S.N. factor (dB).

## 5.2. Radiated Emission Measurement

Below 1 GHz

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | Transmit Mode | | |
| Remark: | | | |



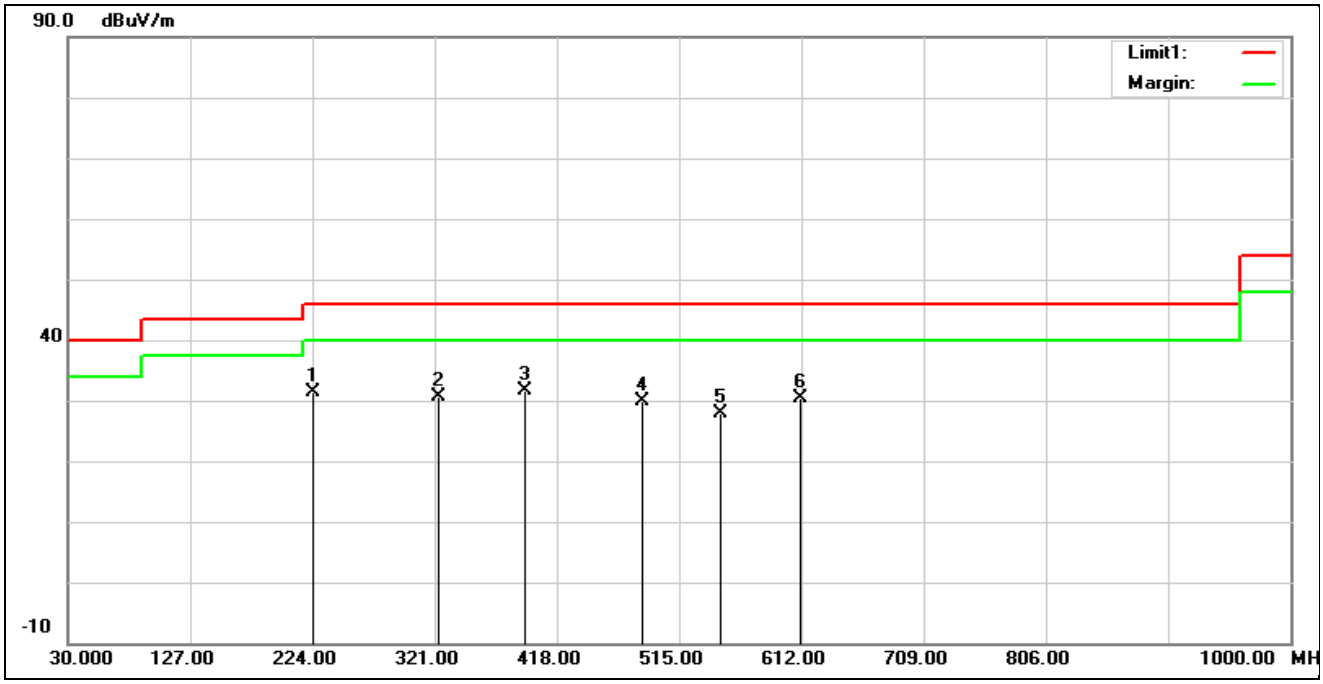

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 293.8400 | 35.64 | -5.79 | 29.85 | 46.00 | -16.15 | QP |
| 2 | 380.1700 | 28.92 | -3.76 | 25.16 | 46.00 | -20.84 | QP |
| 3 | 465.5300 | 31.45 | -1.98 | 29.47 | 46.00 | -16.53 | QP |
| 4 | 519.8500 | 29.84 | -1.47 | 28.37 | 46.00 | -17.63 | QP |
| 5 | 597.4500 | 28.82 | 0.52 | 29.34 | 46.00 | -16.66 | QP |
| 6 | 669.2300 | 27.87 | 1.75 | 29.62 | 46.00 | -16.38 | QP |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | Transmit Mode | | |
| Remark: | | | |




| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 224.9700 | 39.80 | -8.35 | 31.45 | 46.00 | -14.55 | QP |
| 2 | 323.9100 | 35.86 | -5.17 | 30.69 | 46.00 | -15.31 | QP |
| 3* | 392.7800 | 35.02 | -3.41 | 31.61 | 46.00 | -14.39 | QP |
| 4 | 485.9000 | 31.81 | -1.94 | 29.87 | 46.00 | -16.13 | QP |
| 5 | 547.9800 | 28.63 | -0.84 | 27.79 | 46.00 | -18.21 | QP |
| 6 | 611.0300 | 29.68 | 0.77 | 30.45 | 46.00 | -15.55 | QP |

Note:1.Result (dBuV/m) = Correct Factor (dB/m) + Reading(dBuV).

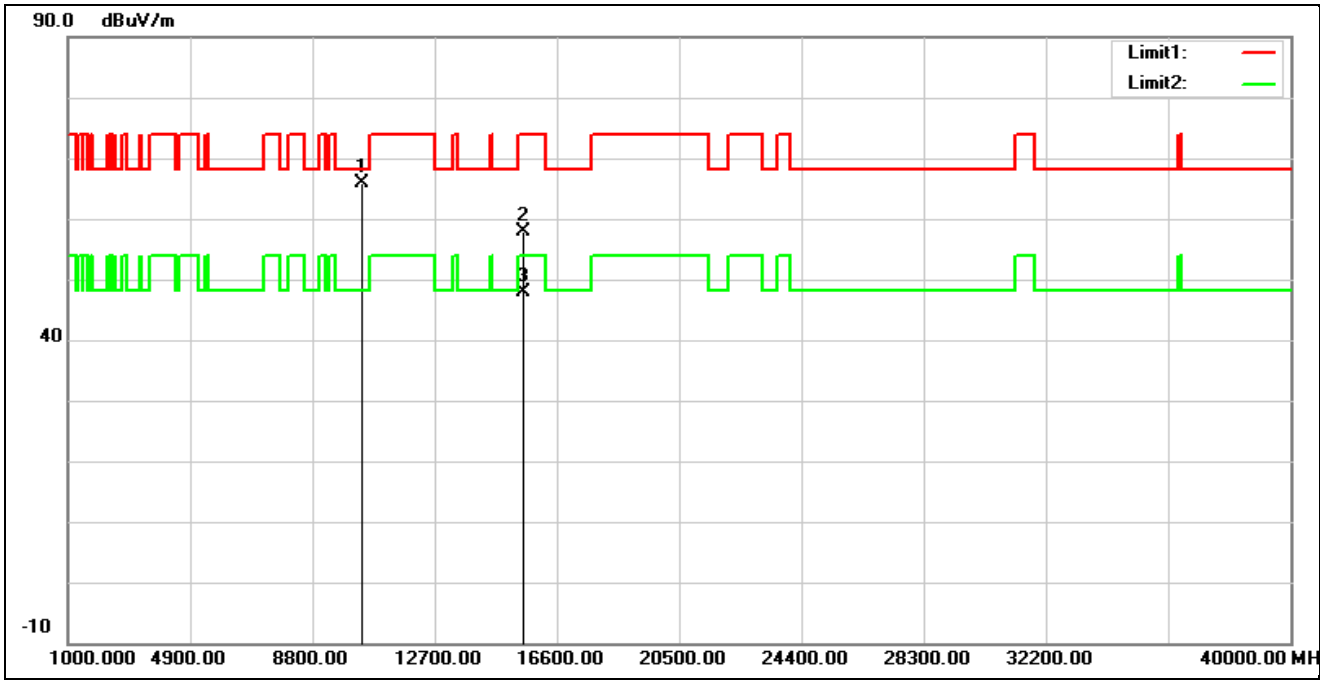
2.Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).

3.When the peak results are less than average limit, so not need to evaluate the average.

Harmonic

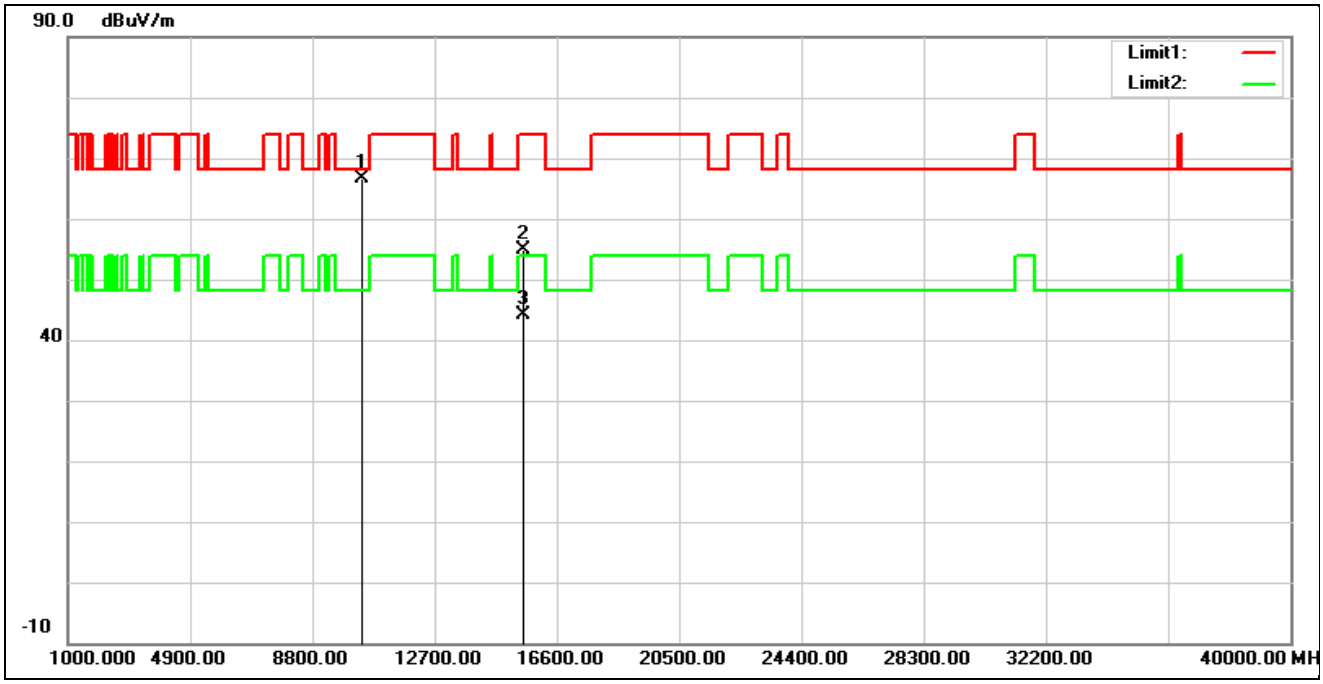
Above 1 GHz

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5180 MHz | | |
| Remark: | | | |



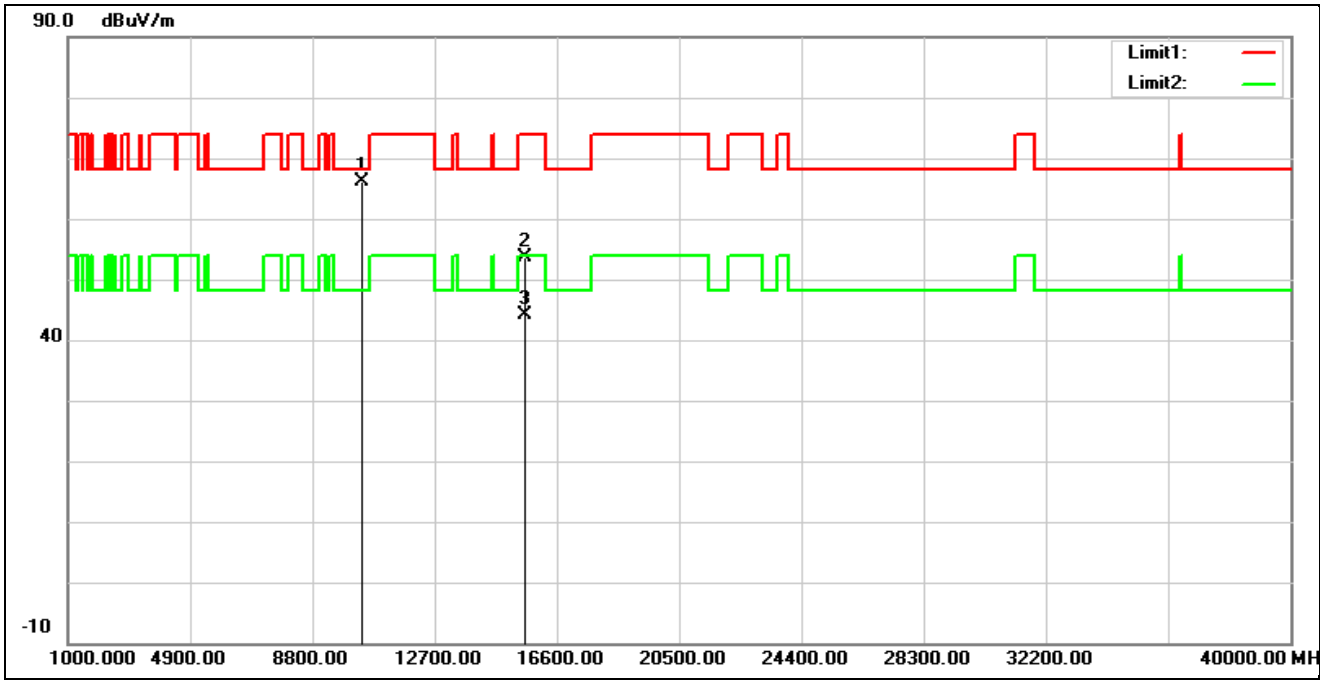

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10360.000 | 51.99 | 13.82 | 65.81 | 68.20 | -2.39 | peak |
| 2 | 15540.000 | 41.05 | 16.74 | 57.79 | 74.00 | -16.21 | peak |
| 3 | 15540.000 | 31.16 | 16.74 | 47.90 | 54.00 | -6.10 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5180 MHz | | |
| Remark: | | | |



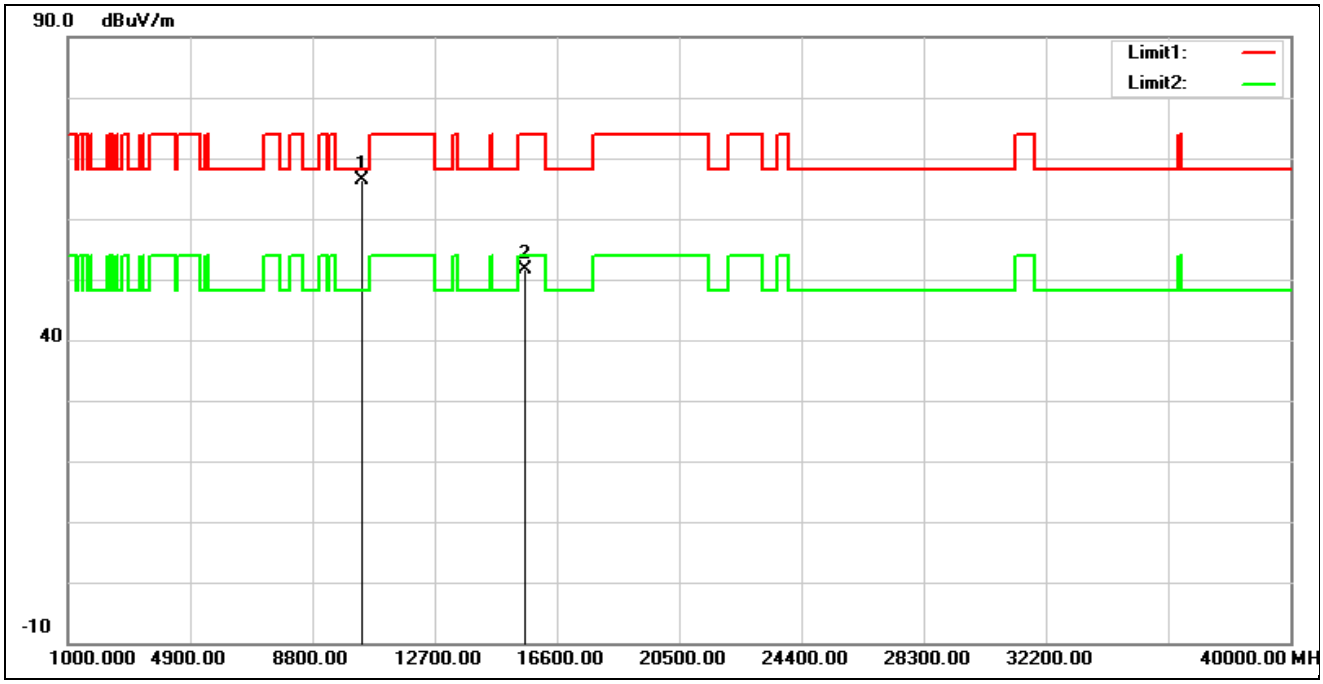

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10360.000 | 52.76 | 13.82 | 66.58 | 68.20 | -1.62 | peak |
| 2 | 15540.000 | 38.02 | 16.74 | 54.76 | 74.00 | -19.24 | peak |
| 3 | 15540.000 | 27.46 | 16.74 | 44.20 | 54.00 | -9.80 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5200 MHz | | |
| Remark: | | | |



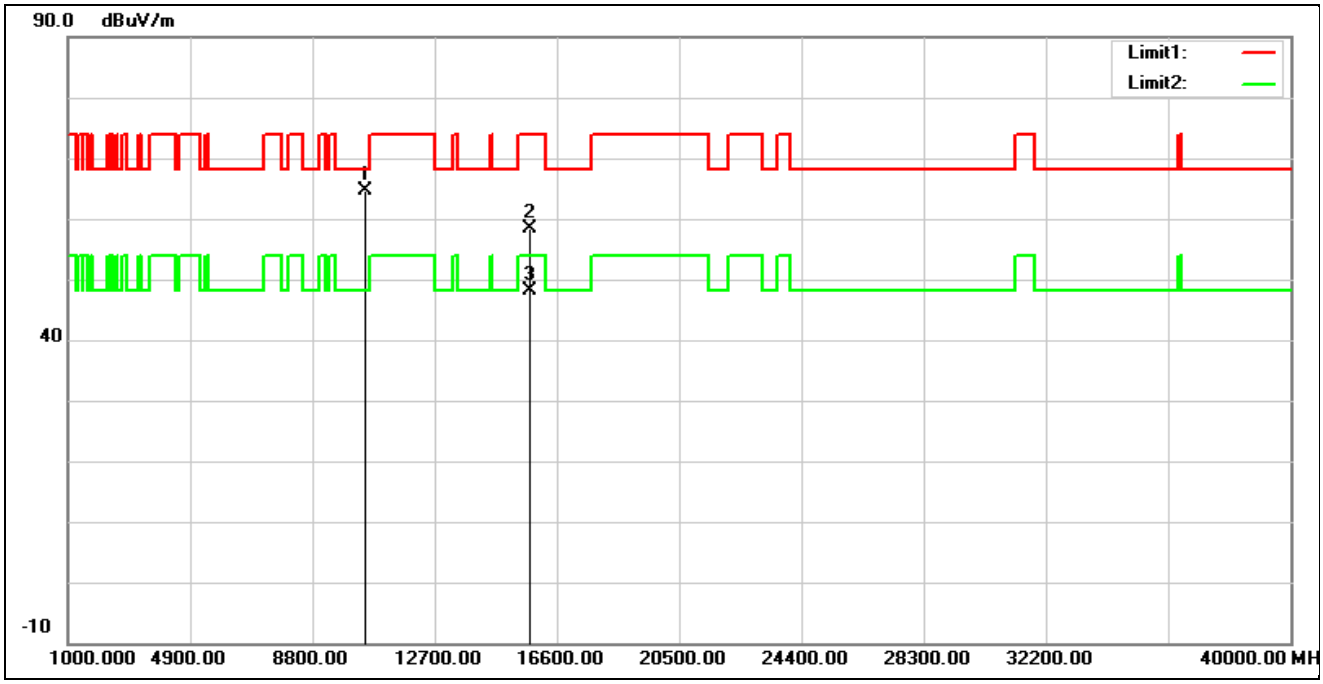

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10400.000 | 52.00 | 14.05 | 66.05 | 68.20 | -2.15 | peak |
| 2 | 15600.000 | 37.17 | 16.51 | 53.68 | 74.00 | -20.32 | peak |
| 3 | 15600.000 | 27.53 | 16.51 | 44.04 | 54.00 | -9.96 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5200 MHz | | |
| Remark: | | | |



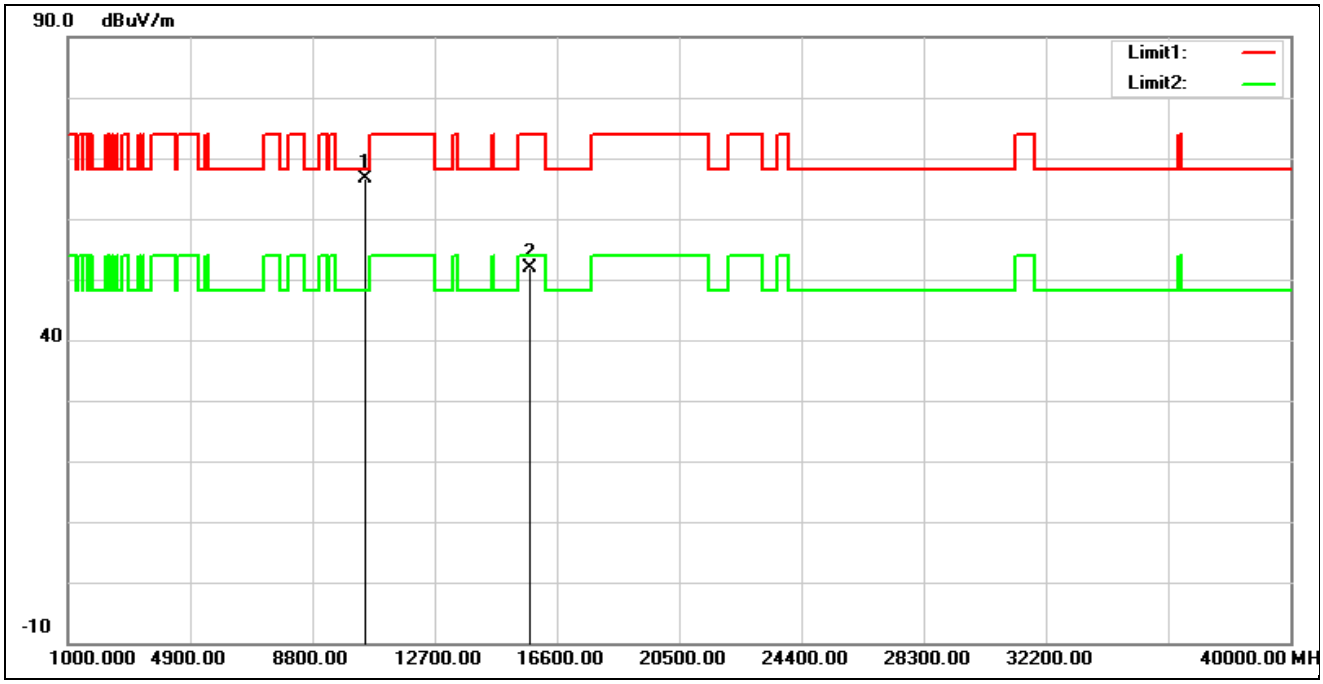

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10400.000 | 52.23 | 14.05 | 66.28 | 68.20 | -1.92 | peak |
| 2 | 15600.000 | 35.14 | 16.51 | 51.65 | 74.00 | -22.35 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5240 MHz | | |
| Remark: | | | |



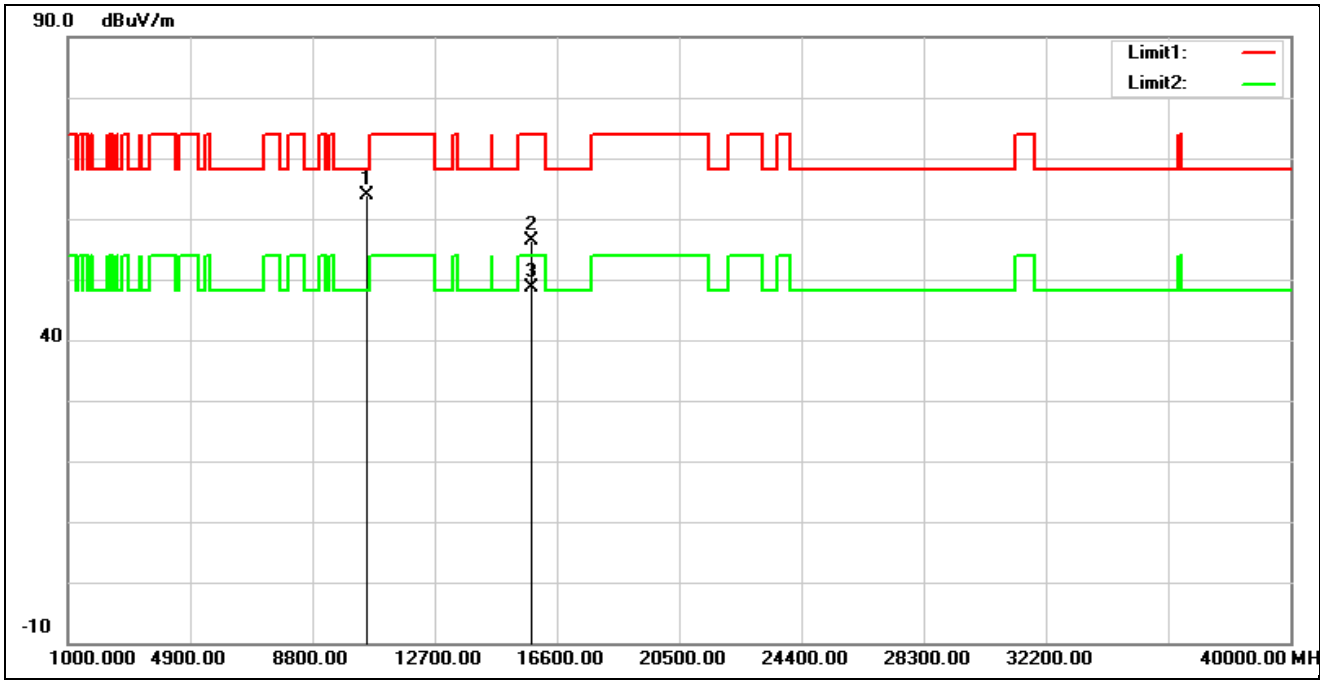

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10480.000 | 50.35 | 14.26 | 64.61 | 68.20 | -3.59 | peak |
| 2 | 15720.000 | 41.86 | 16.48 | 58.34 | 74.00 | -15.66 | peak |
| 3 | 15720.000 | 31.54 | 16.48 | 48.02 | 54.00 | -5.98 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5240 MHz | | |
| Remark: | | | |



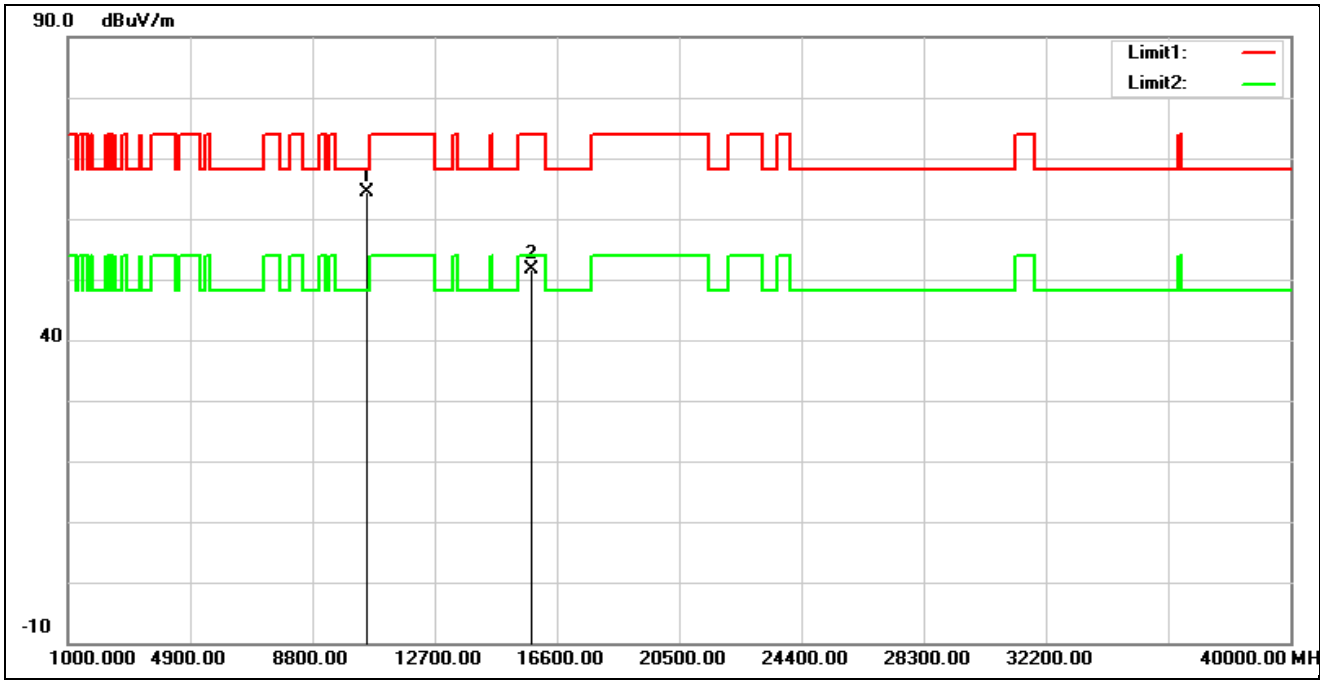

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10480.000 | 66.52 | 0.00 | 66.52 | 68.20 | -1.68 | peak |
| 2 | 15720.000 | 51.80 | 0.00 | 51.80 | 74.00 | -22.20 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5260 MHz | | |
| Remark: | | | |



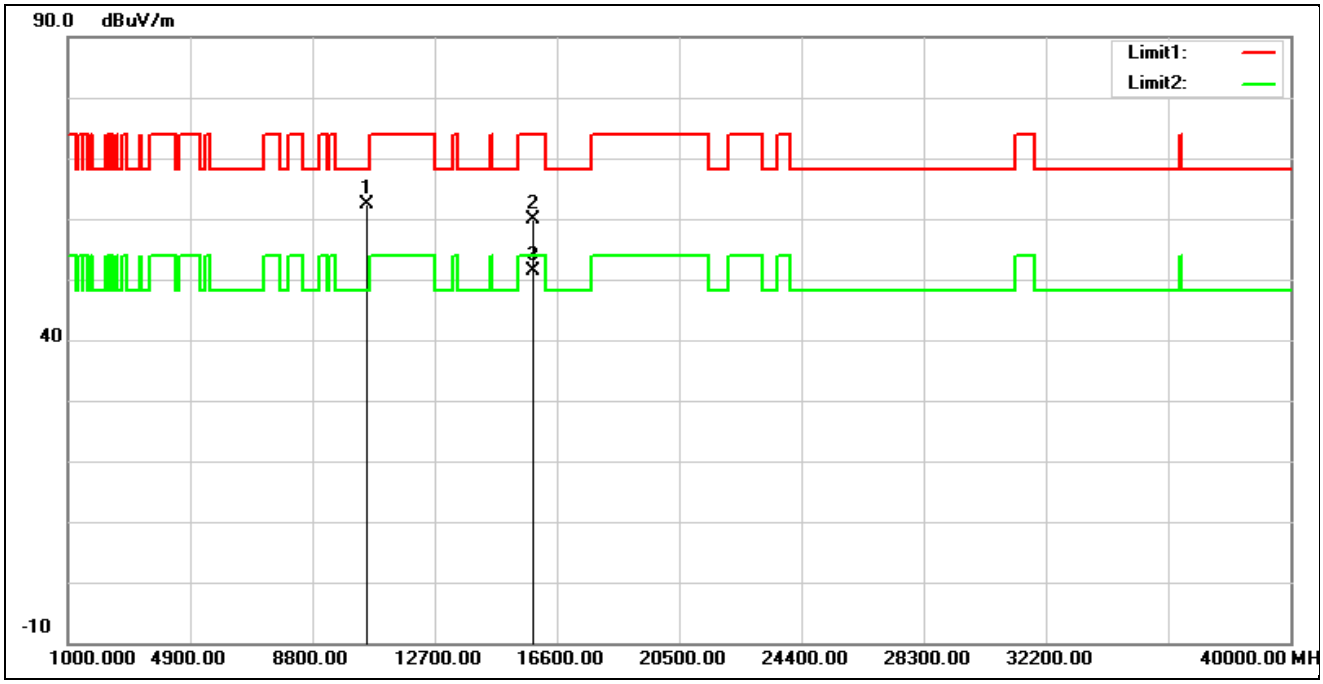

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10520.000 | 49.69 | 14.31 | 64.00 | 68.20 | -4.20 | peak |
| 2 | 15780.000 | 40.12 | 16.38 | 56.50 | 74.00 | -17.50 | peak |
| 3 | 15780.000 | 32.19 | 16.38 | 48.57 | 54.00 | -5.43 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5260 MHz | | |
| Remark: | | | |



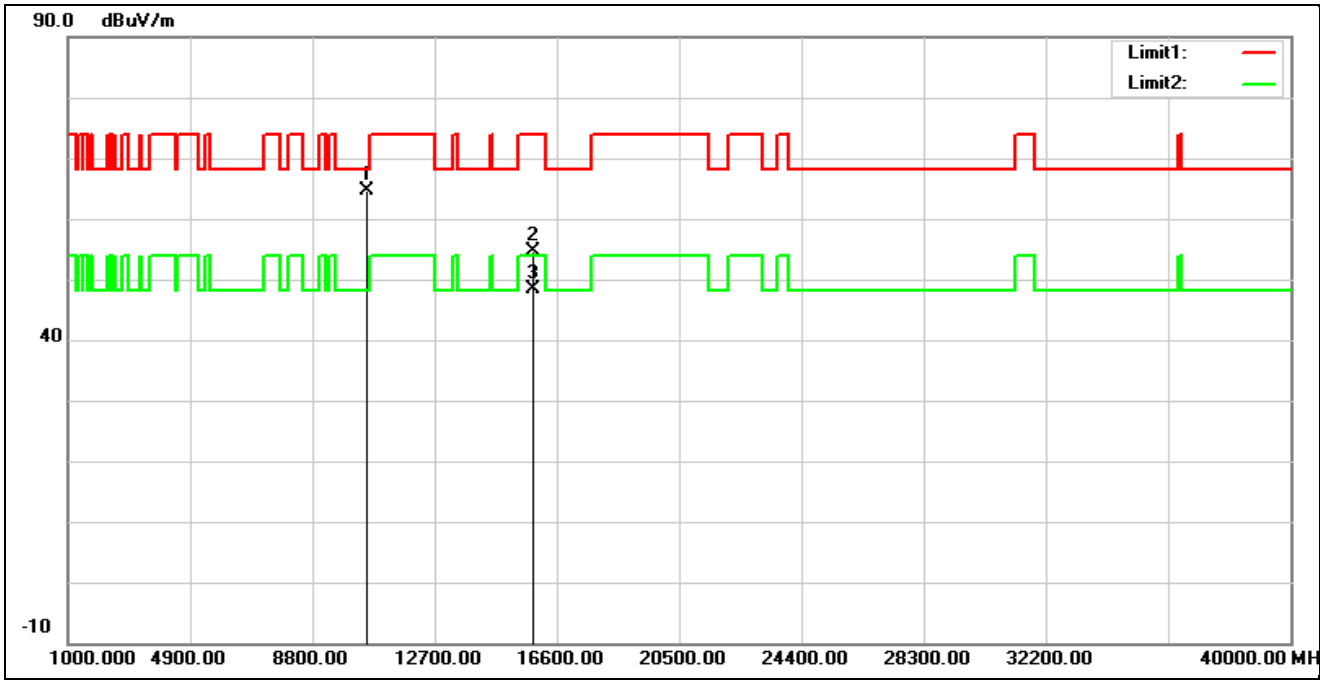

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10520.000 | 49.97 | 14.31 | 64.28 | 68.20 | -3.92 | peak |
| 2 | 15780.000 | 35.14 | 16.38 | 51.52 | 74.00 | -22.48 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5280 MHz | | |
| Remark: | | | |



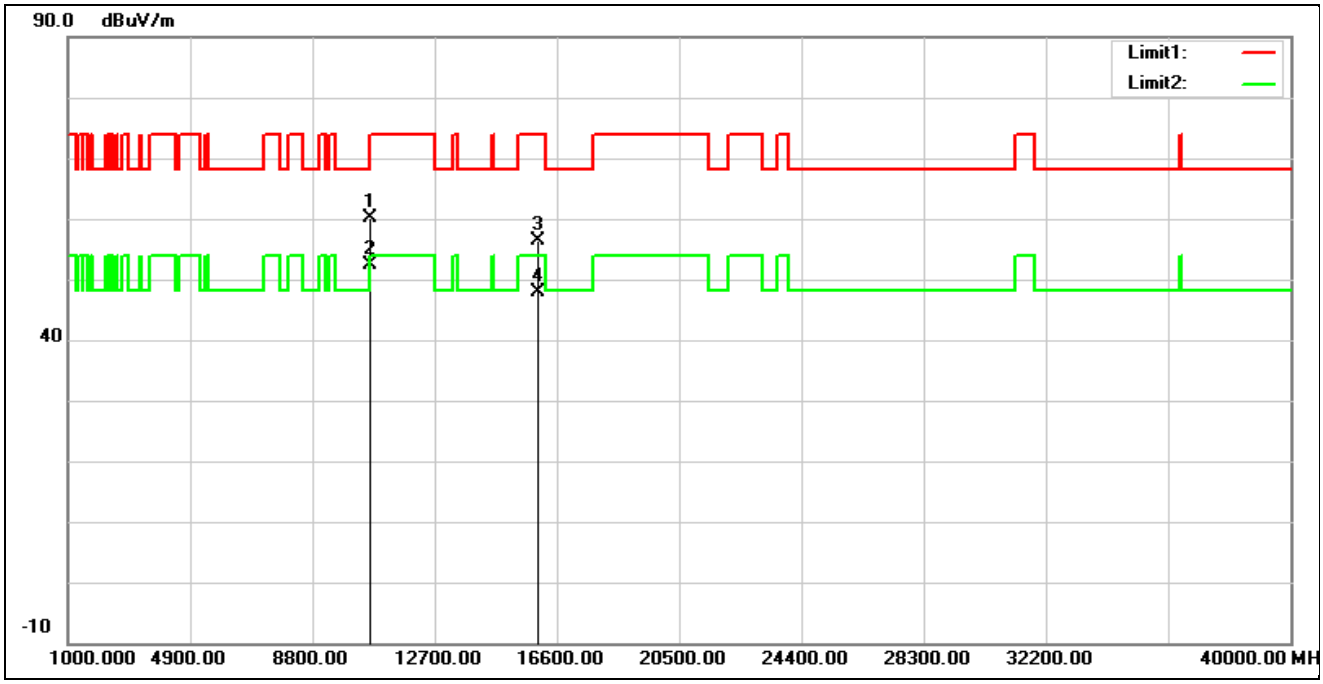

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 10560.000 | 48.09 | 14.31 | 62.40 | 68.20 | -5.80 | peak |
| 2 | 15840.000 | 43.81 | 16.18 | 59.99 | 74.00 | -14.01 | peak |
| 3* | 15840.000 | 35.16 | 16.18 | 51.34 | 54.00 | -2.66 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5280 MHz | | |
| Remark: | | | |



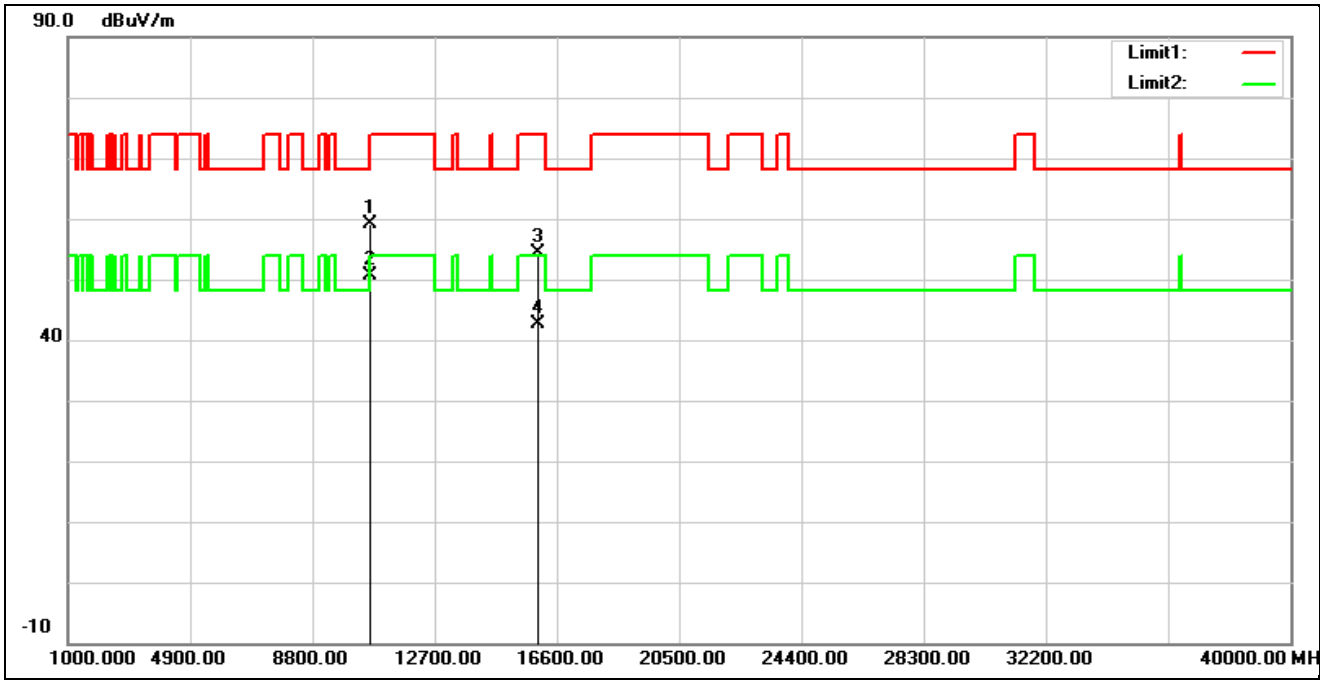

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10560.000 | 50.21 | 14.31 | 64.52 | 68.20 | -3.68 | peak |
| 2 | 15840.000 | 38.41 | 16.18 | 54.59 | 74.00 | -19.41 | peak |
| 3 | 15840.000 | 32.10 | 16.18 | 48.28 | 54.00 | -5.72 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5320 MHz | | |
| Remark: | | | |



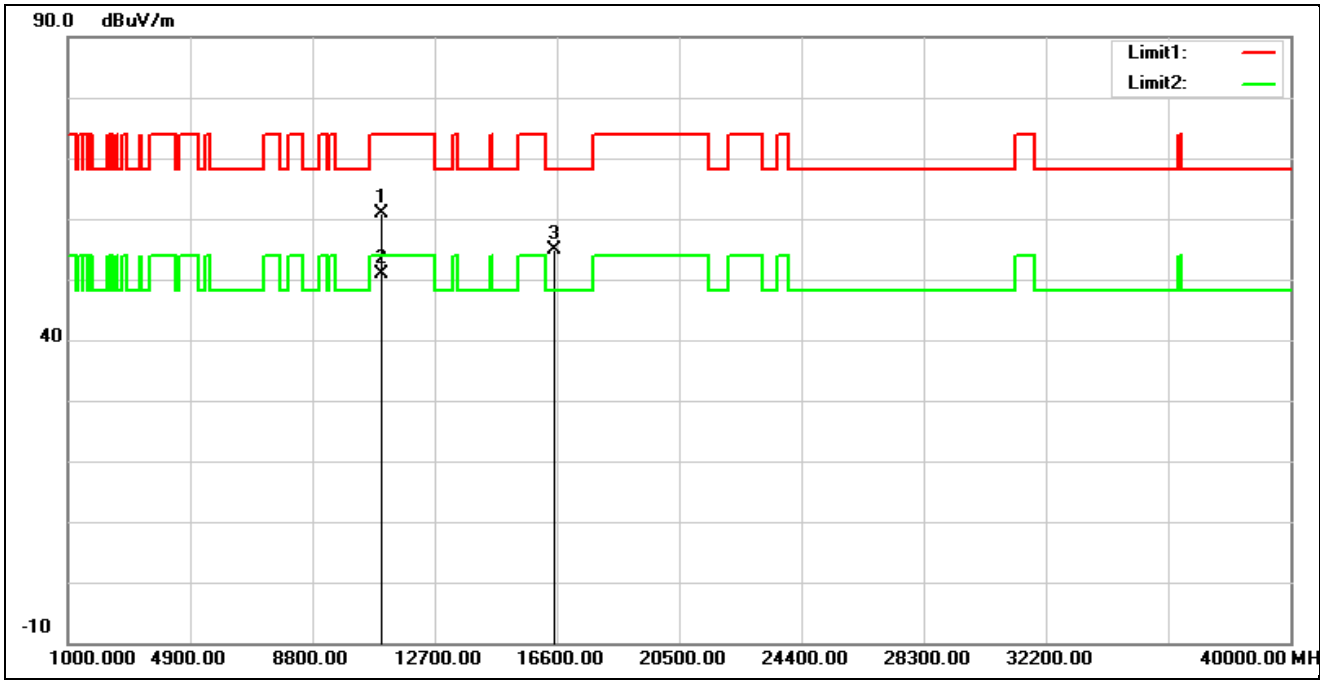

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 10640.000 | 45.86 | 14.19 | 60.05 | 74.00 | -13.95 | peak |
| 2* | 10640.000 | 38.17 | 14.19 | 52.36 | 54.00 | -1.64 | AVG |
| 3 | 15960.000 | 40.66 | 15.77 | 56.43 | 74.00 | -17.57 | peak |
| 4 | 15960.000 | 32.13 | 15.77 | 47.90 | 54.00 | -6.10 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5320 MHz | | |
| Remark: | | | |



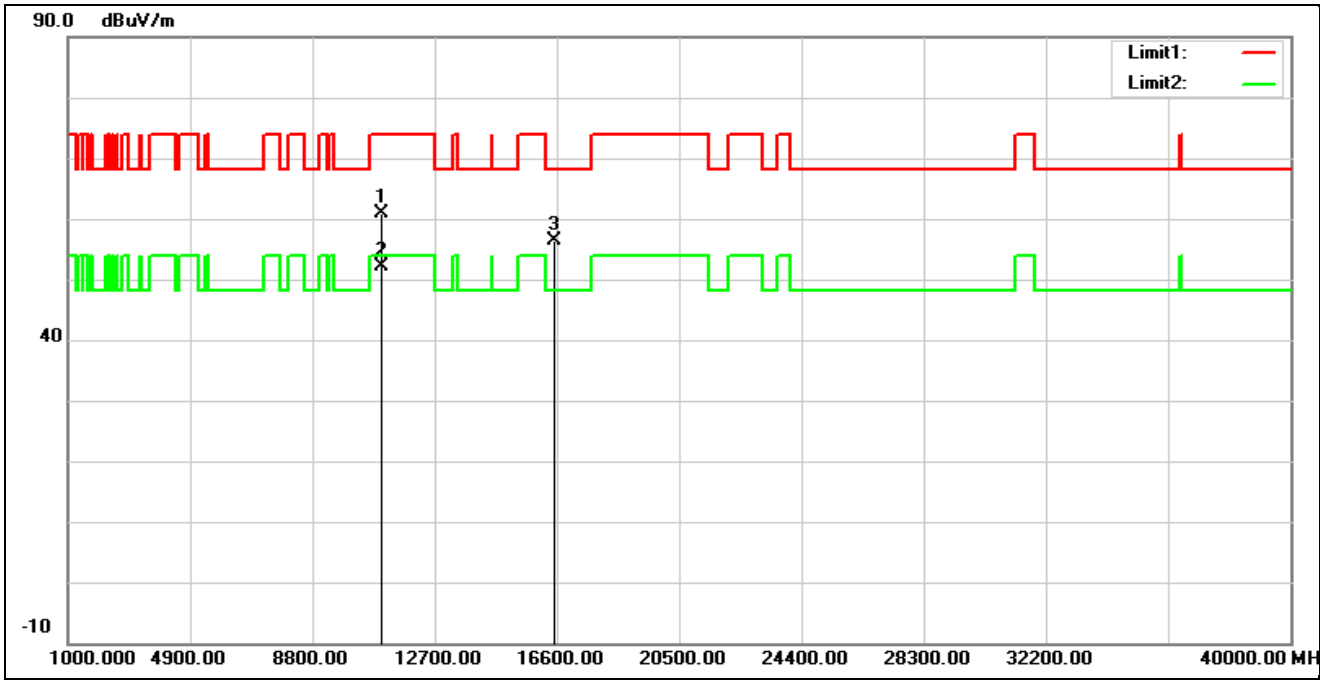

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 10640.000 | 45.06 | 14.19 | 59.25 | 74.00 | -14.75 | peak |
| 2* | 10640.000 | 36.33 | 14.19 | 50.52 | 54.00 | -3.48 | AVG |
| 3 | 15960.000 | 38.63 | 15.77 | 54.40 | 74.00 | -19.60 | peak |
| 4 | 15960.000 | 26.78 | 15.77 | 42.55 | 54.00 | -11.45 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5500 MHz | | |
| Remark: | | | |



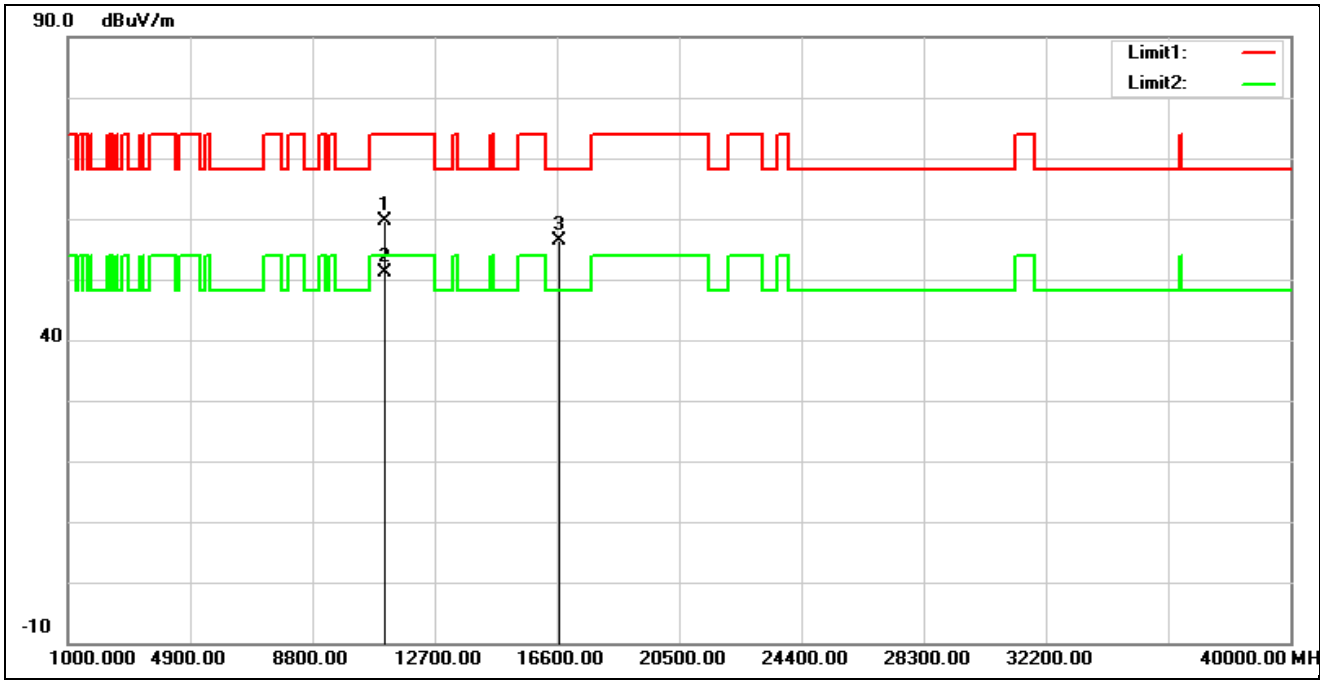

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11000.000 | 46.71 | 14.22 | 60.93 | 74.00 | -13.07 | peak |
| 2* | 11000.000 | 36.63 | 14.22 | 50.85 | 54.00 | -3.15 | AVG |
| 3 | 16500.000 | 38.00 | 16.87 | 54.87 | 68.20 | -13.33 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5500 MHz | | |
| Remark: | | | |



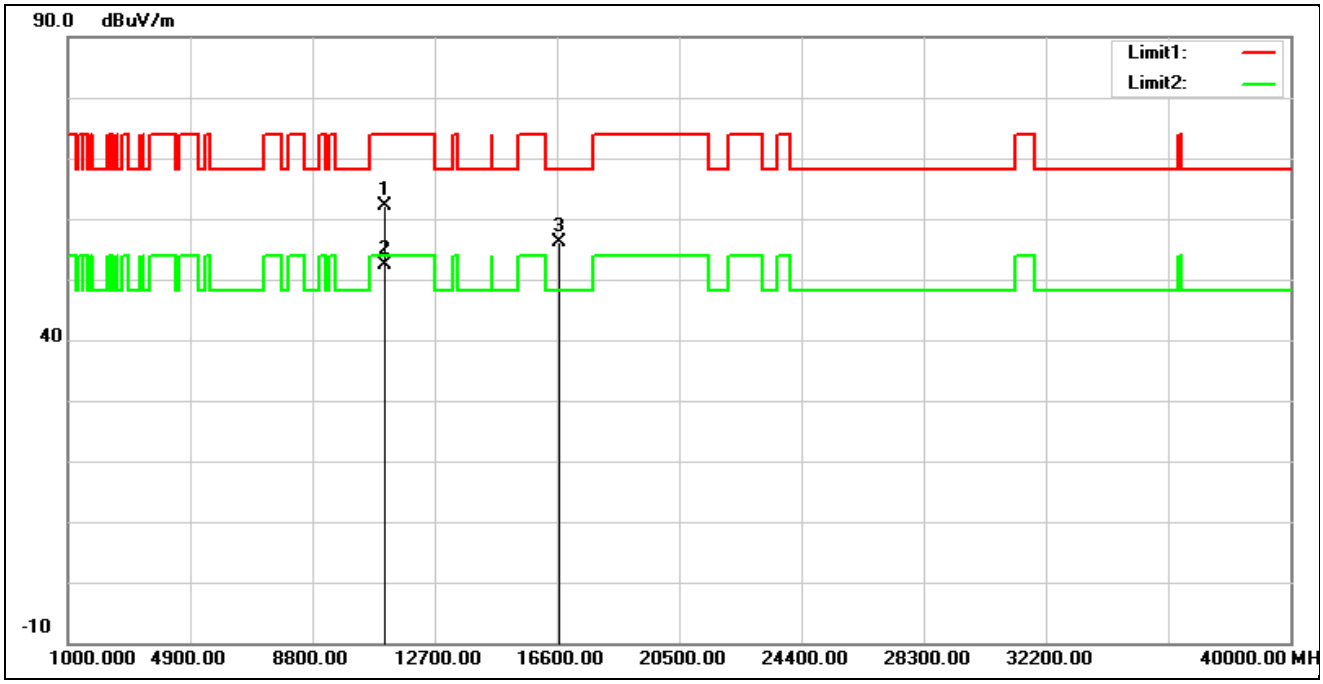

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11000.000 | 46.76 | 14.22 | 60.98 | 74.00 | -13.02 | peak |
| 2* | 11000.000 | 37.88 | 14.22 | 52.10 | 54.00 | -1.90 | AVG |
| 3 | 16500.000 | 39.43 | 16.87 | 56.30 | 68.20 | -11.90 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5560 MHz | | |
| Remark: | | | |



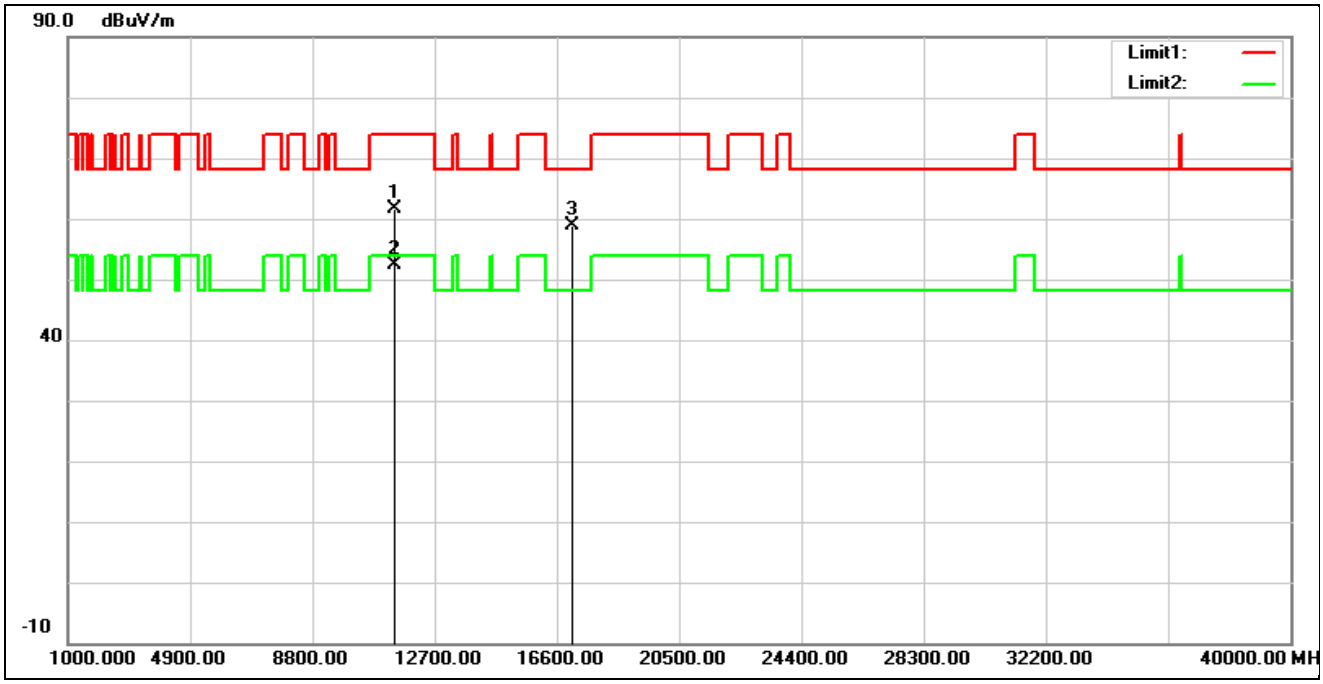

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11120.000 | 45.26 | 14.49 | 59.75 | 74.00 | -14.25 | peak |
| 2* | 11120.000 | 36.74 | 14.49 | 51.23 | 54.00 | -2.77 | AVG |
| 3 | 16680.000 | 38.37 | 17.98 | 56.35 | 68.20 | -11.85 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5560 MHz | | |
| Remark: | | | |



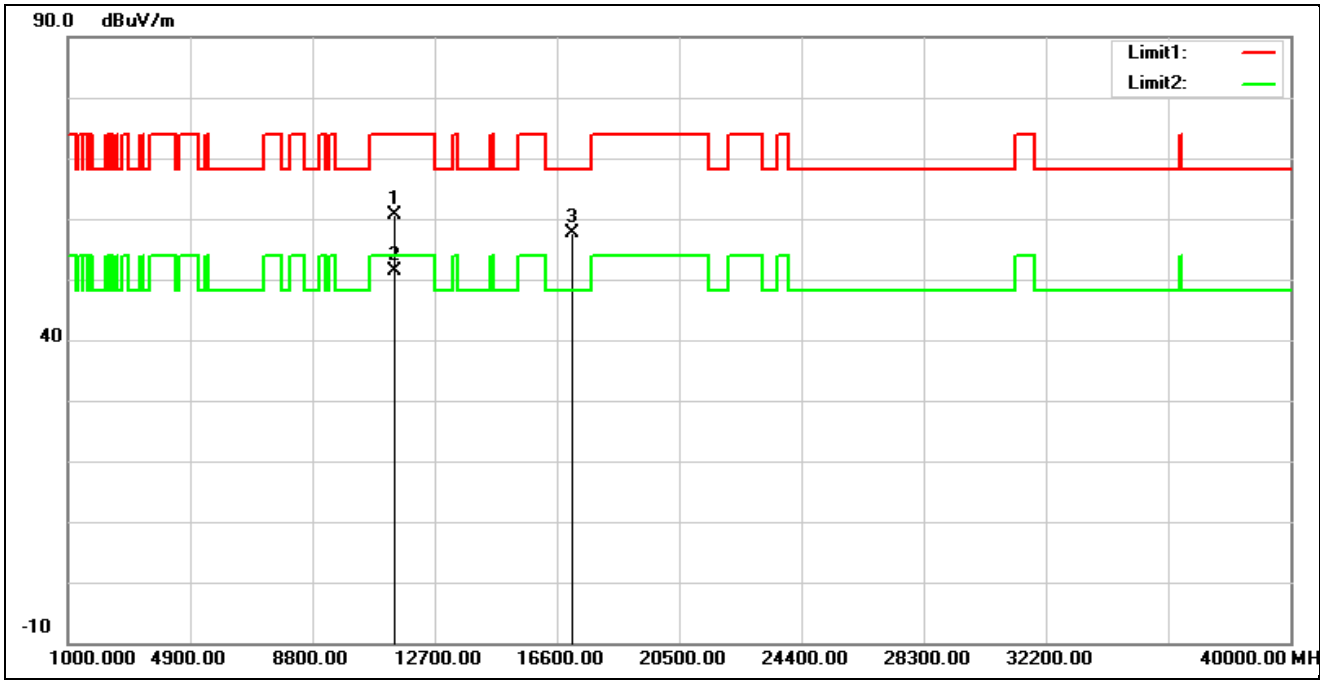

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11120.000 | 47.53 | 14.49 | 62.02 | 74.00 | -11.98 | peak |
| 2* | 11120.000 | 37.98 | 14.49 | 52.47 | 54.00 | -1.53 | AVG |
| 3 | 16680.000 | 38.24 | 17.98 | 56.22 | 68.20 | -11.98 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5700 MHz | | |
| Remark: | | | |



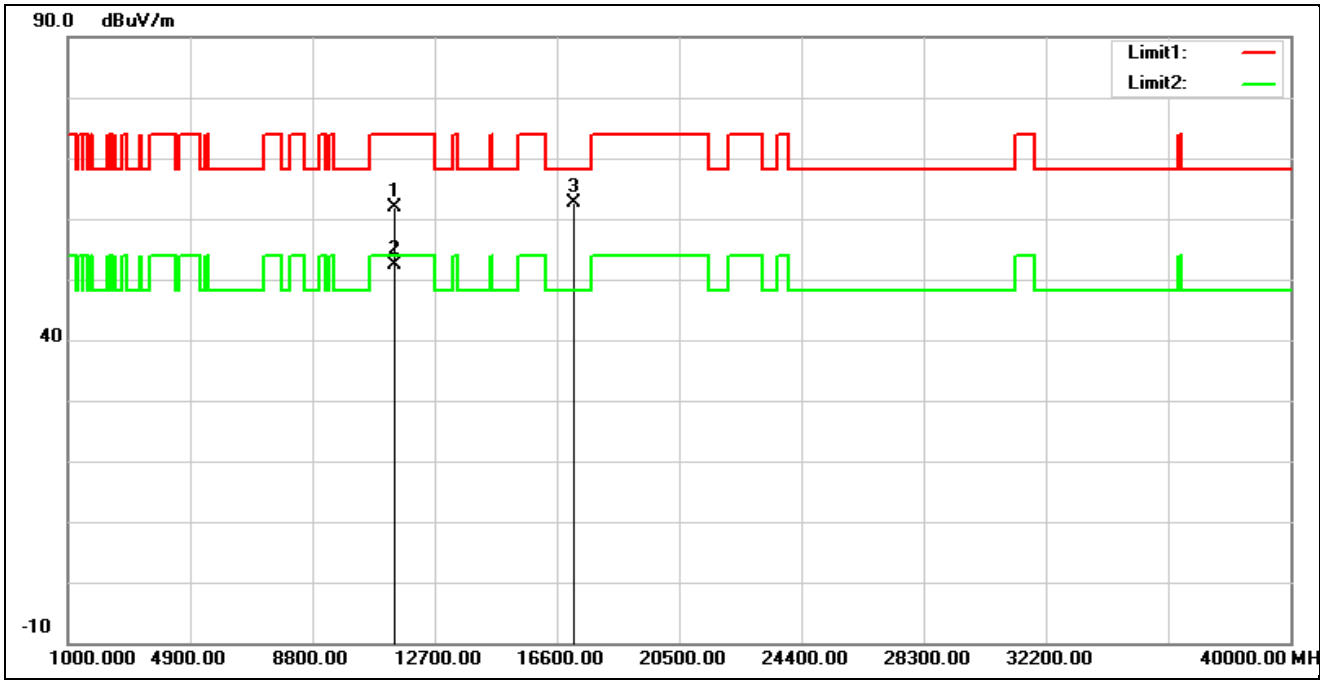

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11400.000 | 47.48 | 14.26 | 61.74 | 74.00 | -12.26 | peak |
| 2* | 11400.000 | 38.21 | 14.26 | 52.47 | 54.00 | -1.53 | AVG |
| 3 | 17100.000 | 38.23 | 20.69 | 58.92 | 68.20 | -9.28 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5700 MHz | | |
| Remark: | | | |



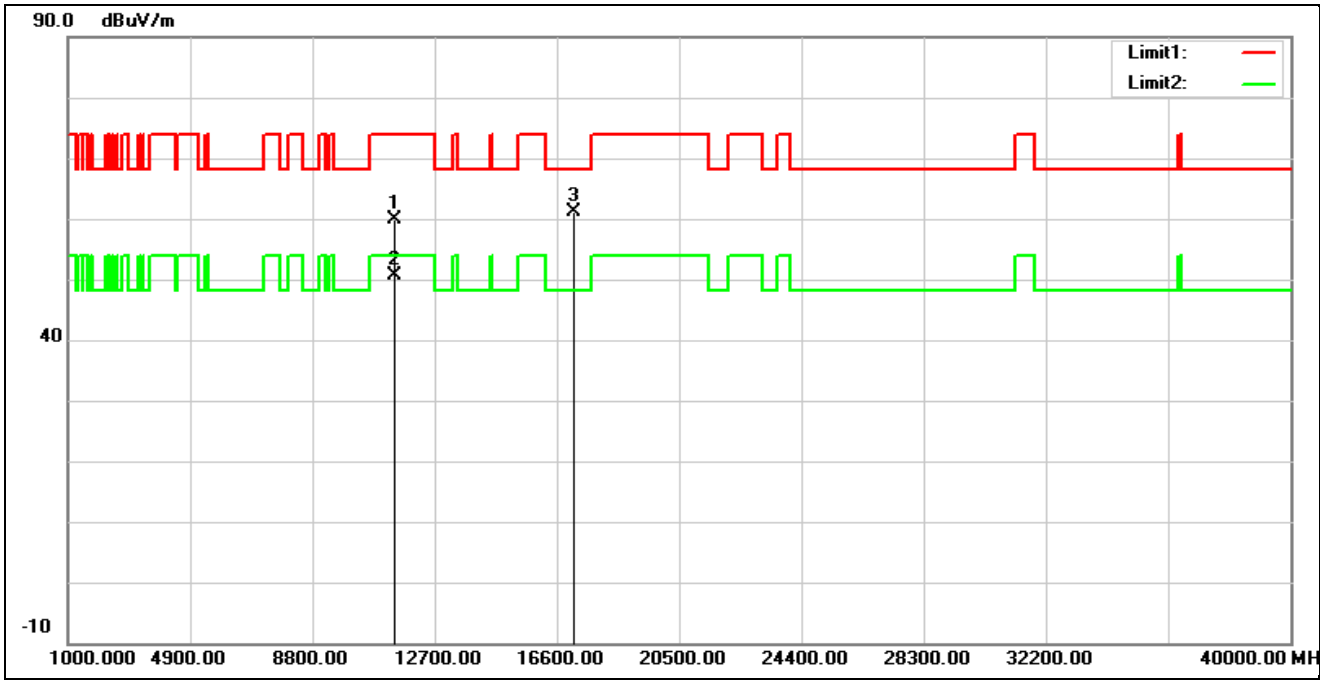

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11400.000 | 46.26 | 14.26 | 60.52 | 74.00 | -13.48 | peak |
| 2* | 11400.000 | 37.02 | 14.26 | 51.28 | 54.00 | -2.72 | AVG |
| 3 | 17100.000 | 36.85 | 20.69 | 57.54 | 68.20 | -10.66 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5720 MHz | | |
| Remark: | | | |



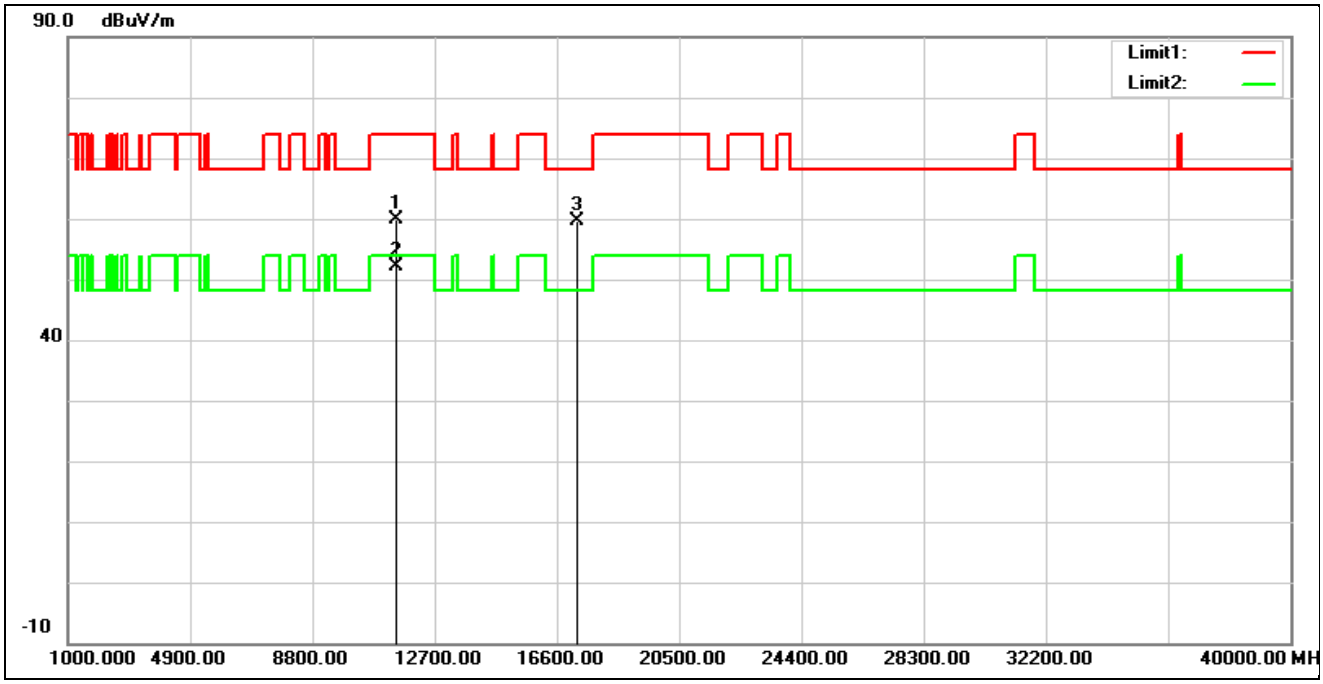

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11440.000 | 47.30 | 14.56 | 61.86 | 74.00 | -12.14 | peak |
| 2* | 11440.000 | 37.73 | 14.56 | 52.29 | 54.00 | -1.71 | AVG |
| 3 | 17160.000 | 41.48 | 21.09 | 62.57 | 68.20 | -5.63 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5720 MHz | | |
| Remark: | | | |



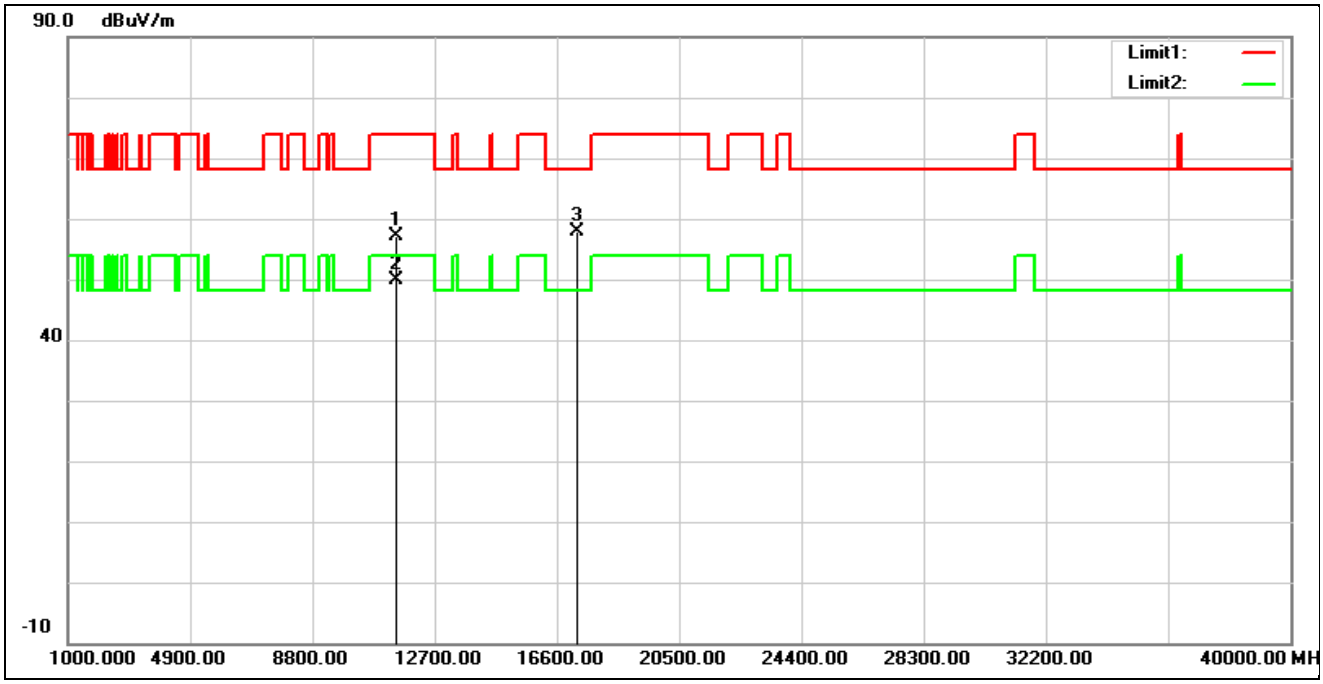

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11440.000 | 45.25 | 14.56 | 59.81 | 74.00 | -14.19 | peak |
| 2* | 11440.000 | 36.12 | 14.56 | 50.68 | 54.00 | -3.32 | AVG |
| 3 | 17160.000 | 39.99 | 21.09 | 61.08 | 68.20 | -7.12 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5745 MHz | | |
| Remark: | | | |



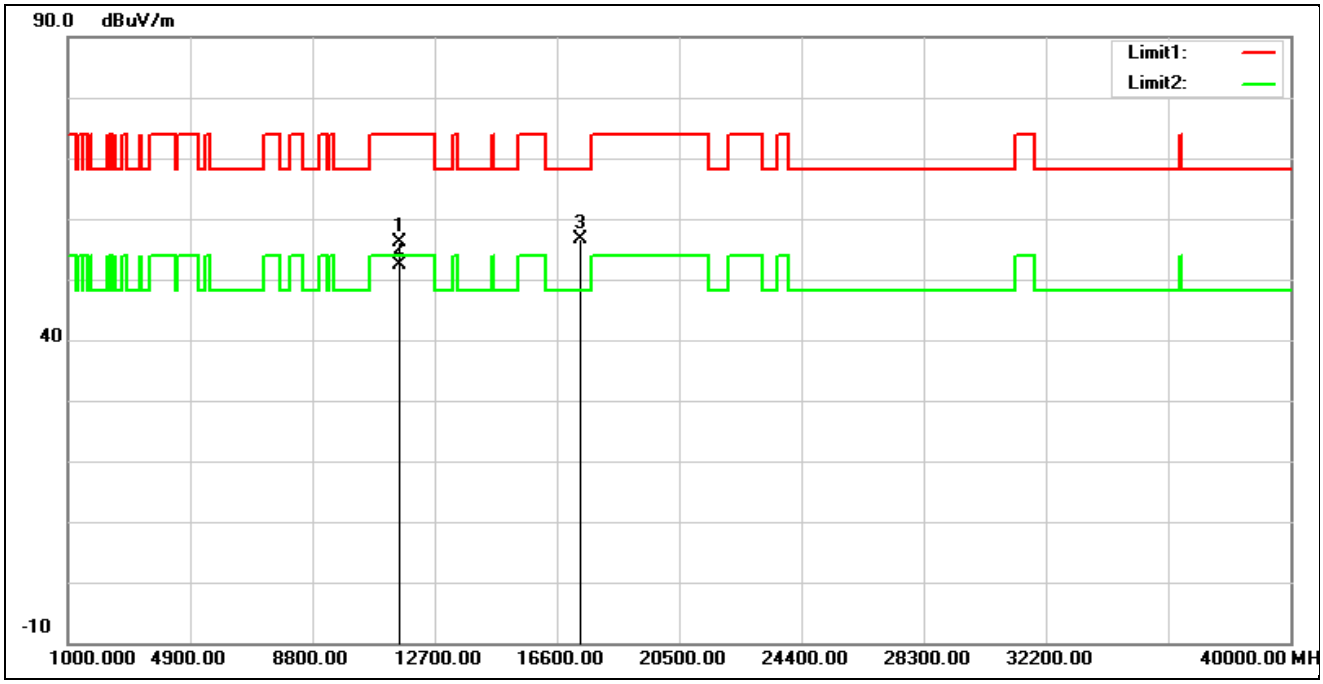

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11490.000 | 45.04 | 14.93 | 59.97 | 74.00 | -14.03 | peak |
| 2* | 11490.000 | 37.29 | 14.93 | 52.22 | 54.00 | -1.78 | AVG |
| 3 | 17235.000 | 37.85 | 21.70 | 59.55 | 68.20 | -8.65 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5745 MHz | | |
| Remark: | | | |



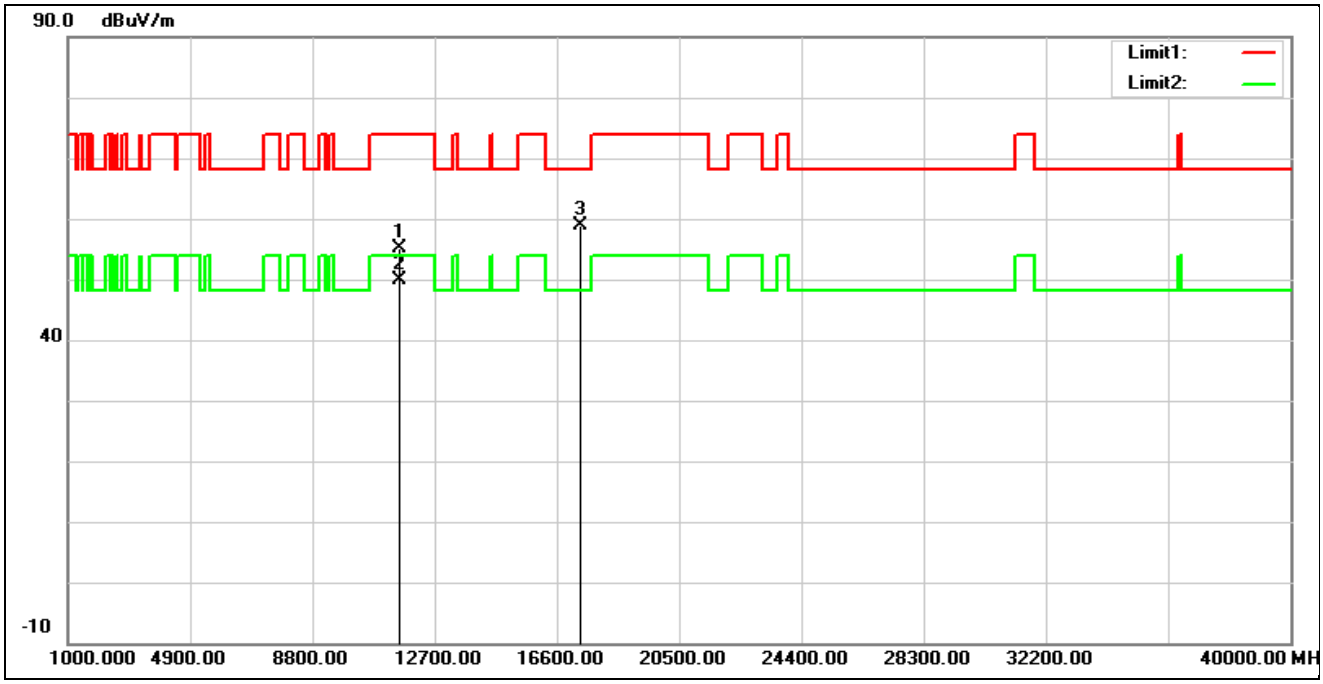

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11490.000 | 42.16 | 14.93 | 57.09 | 74.00 | -16.91 | peak |
| 2* | 11490.000 | 34.91 | 14.93 | 49.84 | 54.00 | -4.16 | AVG |
| 3 | 17235.000 | 36.25 | 21.70 | 57.95 | 68.20 | -10.25 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5785 MHz | | |
| Remark: | | | |



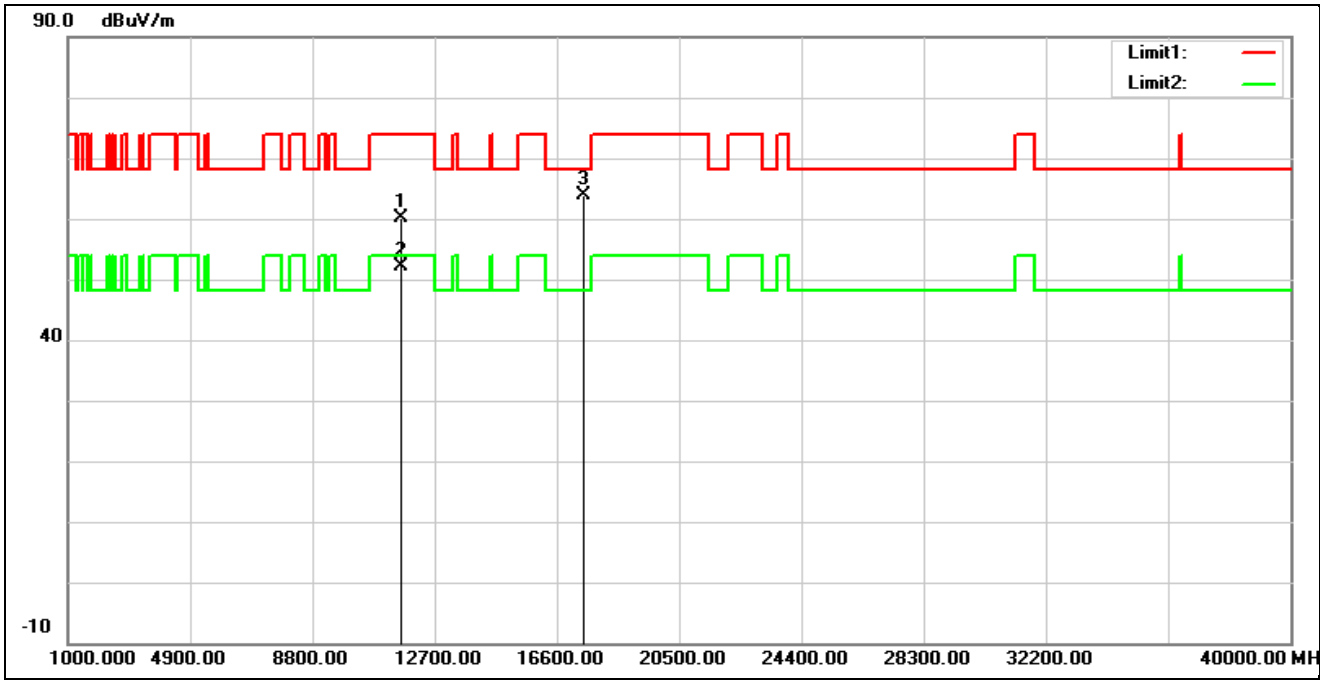

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11570.000 | 41.43 | 14.60 | 56.03 | 74.00 | -17.97 | peak |
| 2* | 11570.000 | 37.79 | 14.60 | 52.39 | 54.00 | -1.61 | AVG |
| 3 | 17355.000 | 33.87 | 22.64 | 56.51 | 68.20 | -11.69 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5785 MHz | | |
| Remark: | | | |



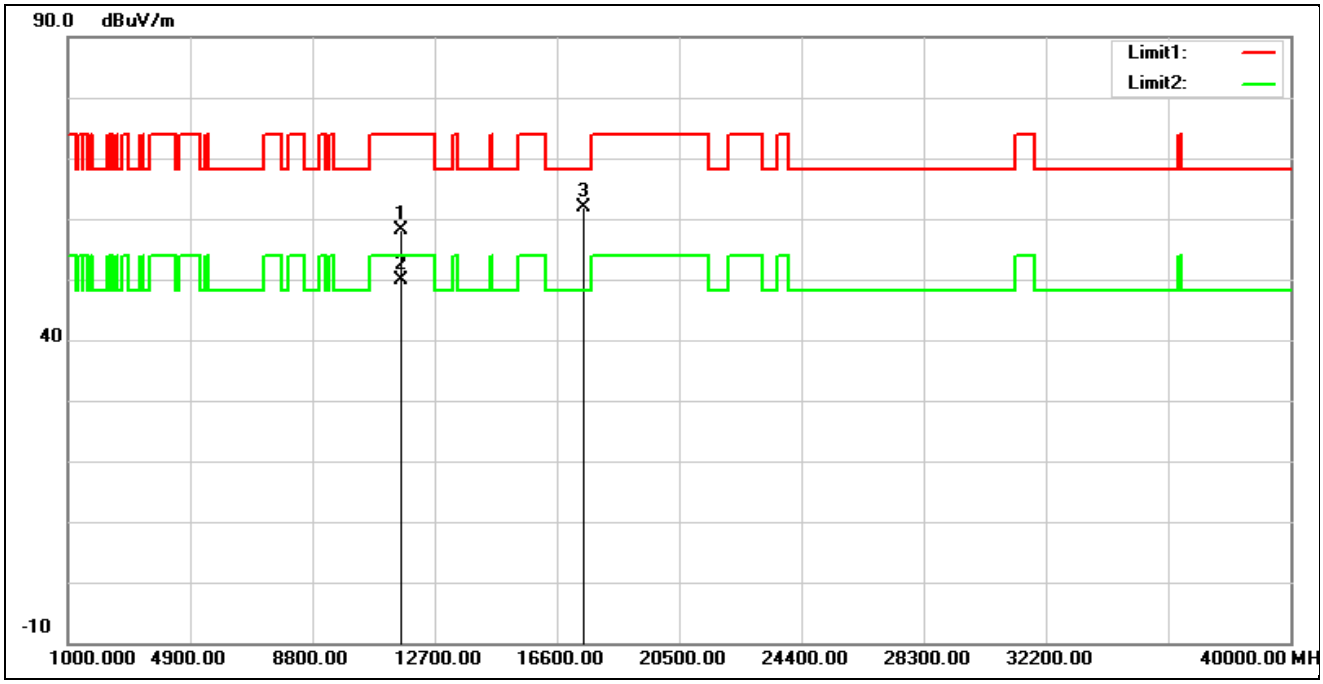

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11570.000 | 40.64 | 14.60 | 55.24 | 74.00 | -18.76 | peak |
| 2* | 11570.000 | 35.34 | 14.60 | 49.94 | 54.00 | -4.06 | AVG |
| 3 | 17355.000 | 36.32 | 22.64 | 58.96 | 68.20 | -9.24 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5825 MHz | | |
| Remark: | | | |



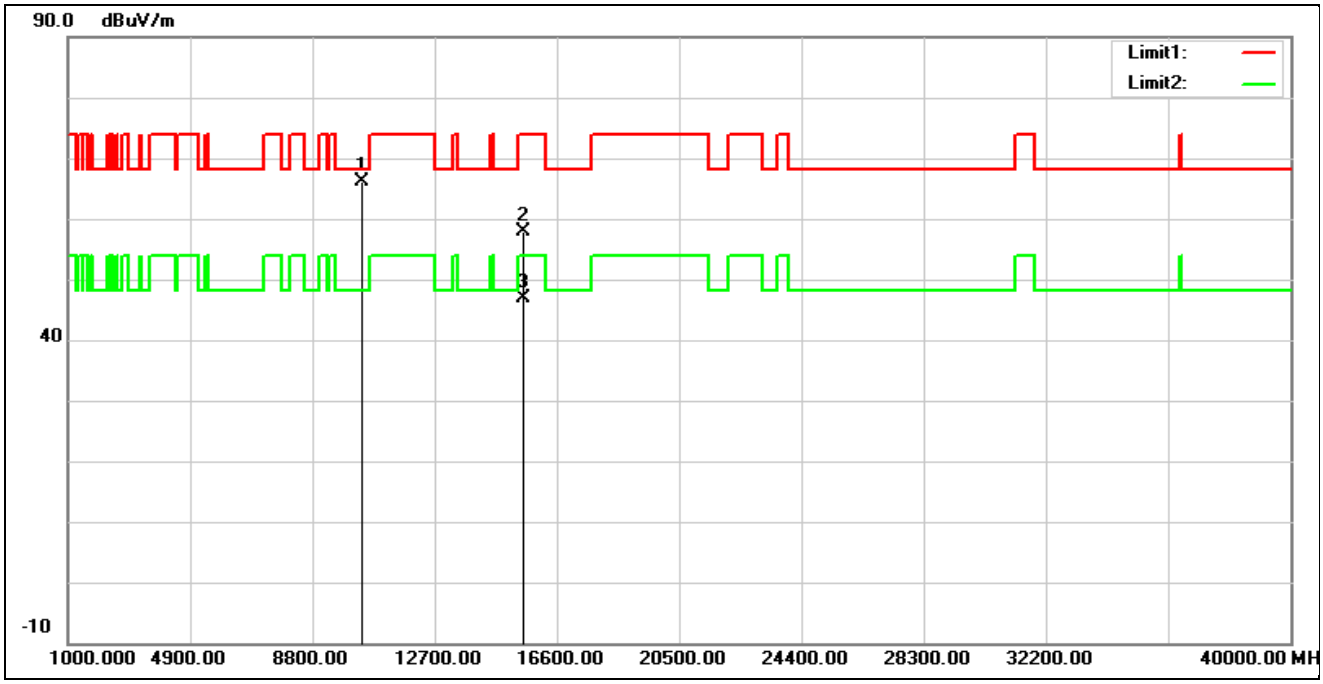

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11650.000 | 45.74 | 14.39 | 60.13 | 74.00 | -13.87 | peak |
| 2* | 11650.000 | 37.82 | 14.39 | 52.21 | 54.00 | -1.79 | AVG |
| 3 | 17475.000 | 39.89 | 23.92 | 63.81 | 68.20 | -4.39 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5825 MHz | | |
| Remark: | | | |



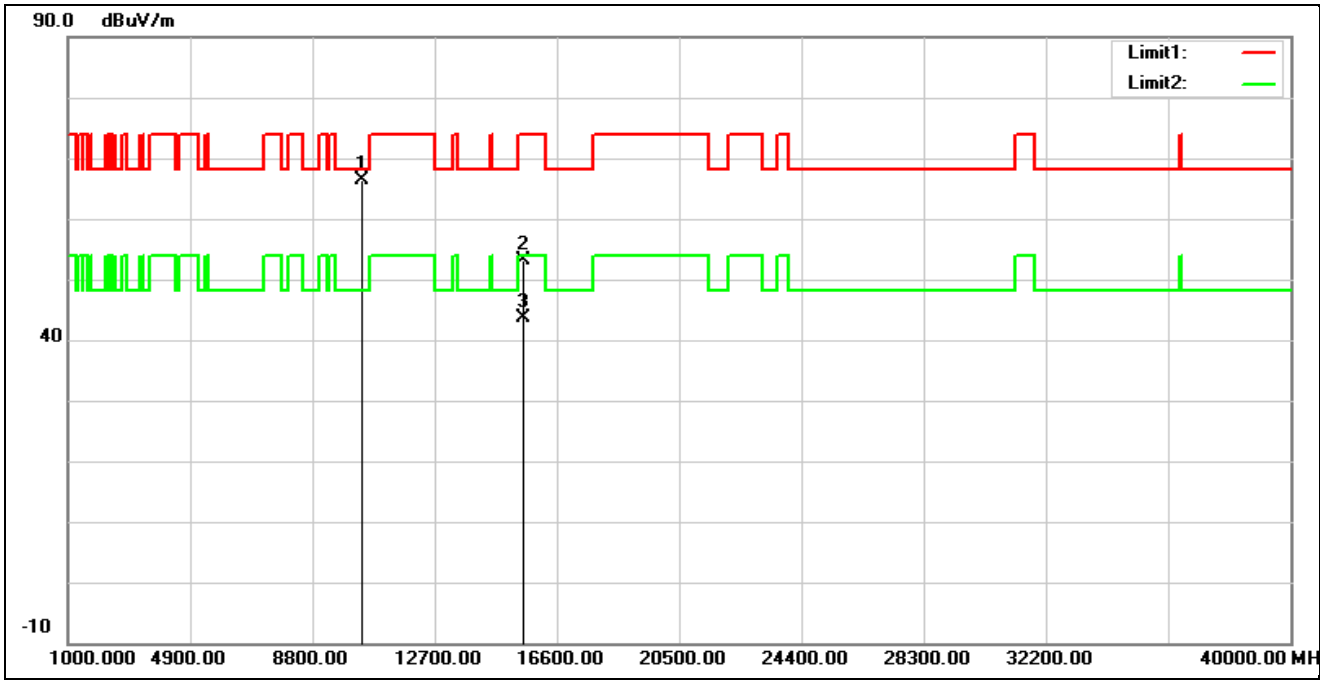

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11650.000 | 43.66 | 14.39 | 58.05 | 74.00 | -15.95 | peak |
| 2* | 11650.000 | 35.54 | 14.39 | 49.93 | 54.00 | -4.07 | AVG |
| 3 | 17475.000 | 37.96 | 23.92 | 61.88 | 68.20 | -6.32 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5180 MHz | | |
| Remark: | | | |



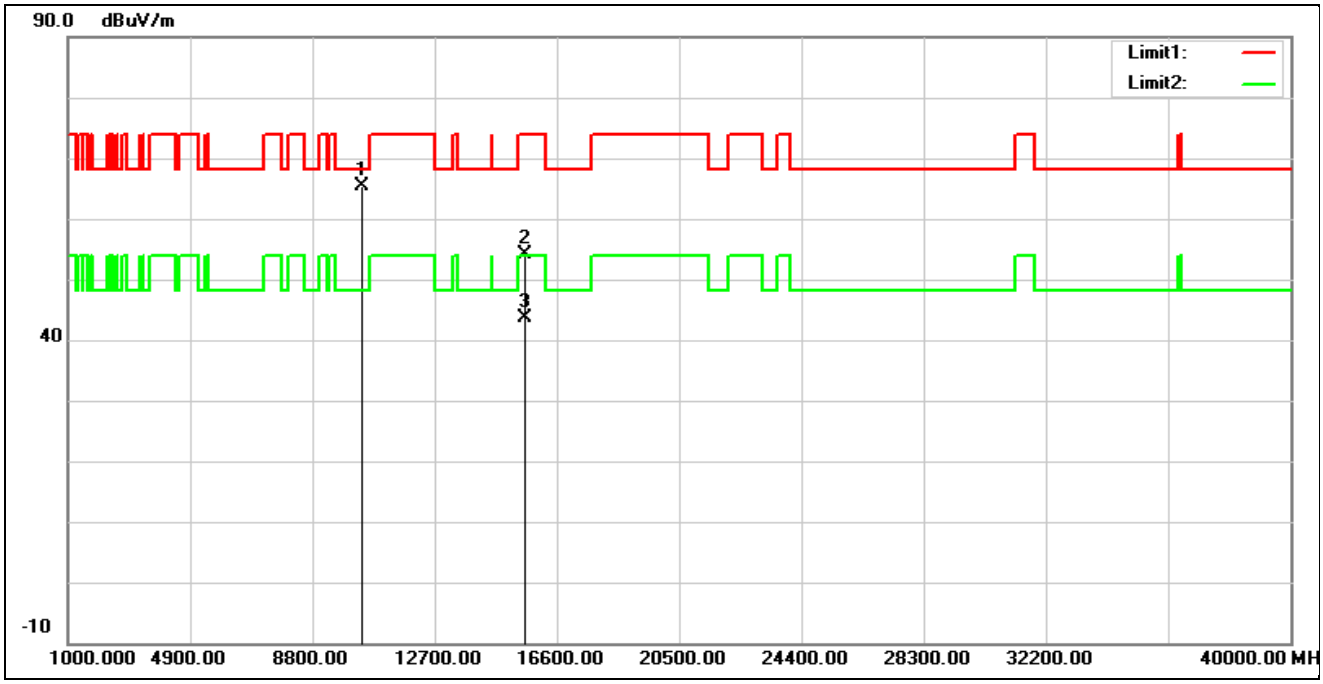

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10360.000 | 52.21 | 13.82 | 66.03 | 68.20 | -2.17 | peak |
| 2 | 15540.000 | 41.08 | 16.74 | 57.82 | 74.00 | -16.18 | peak |
| 3 | 15540.000 | 30.12 | 16.74 | 46.86 | 54.00 | -7.14 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5180 MHz | | |
| Remark: | | | |



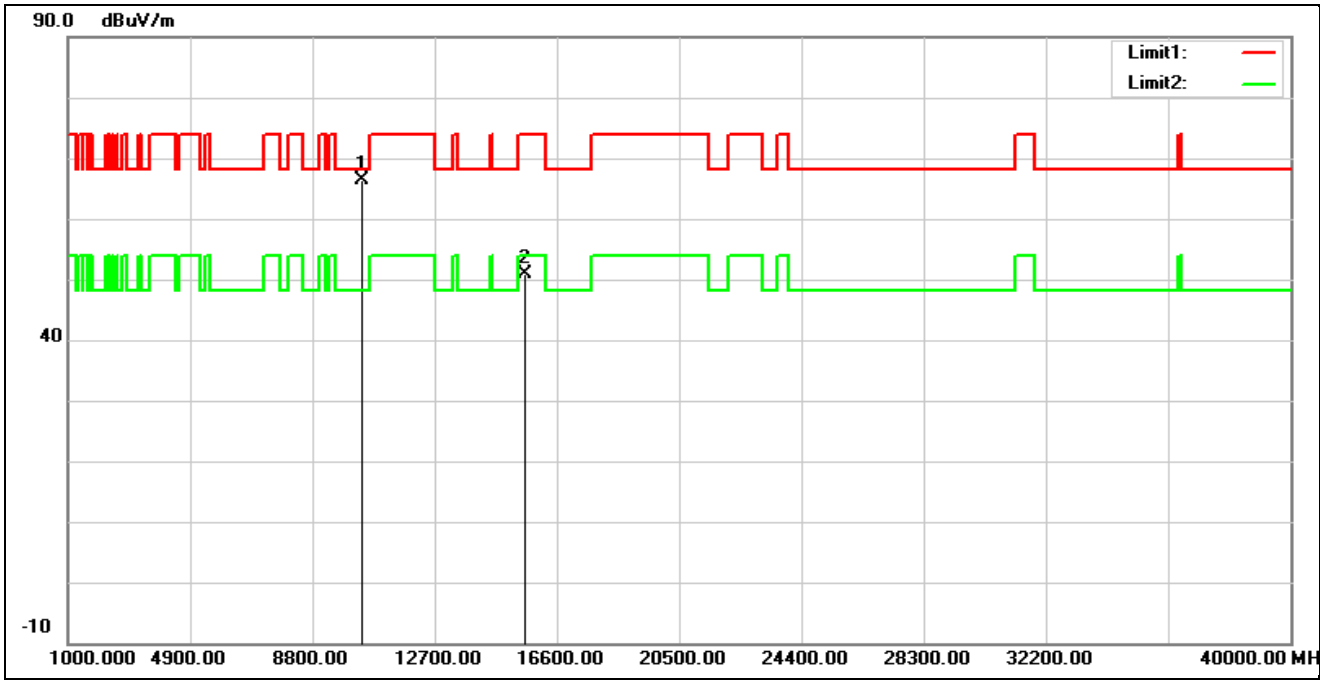

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10360.000 | 52.52 | 13.82 | 66.34 | 68.20 | -1.86 | peak |
| 2 | 15540.000 | 36.47 | 16.74 | 53.21 | 74.00 | -20.79 | peak |
| 3 | 15540.000 | 26.83 | 16.74 | 43.57 | 54.00 | -10.43 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5200 MHz | | |
| Remark: | | | |



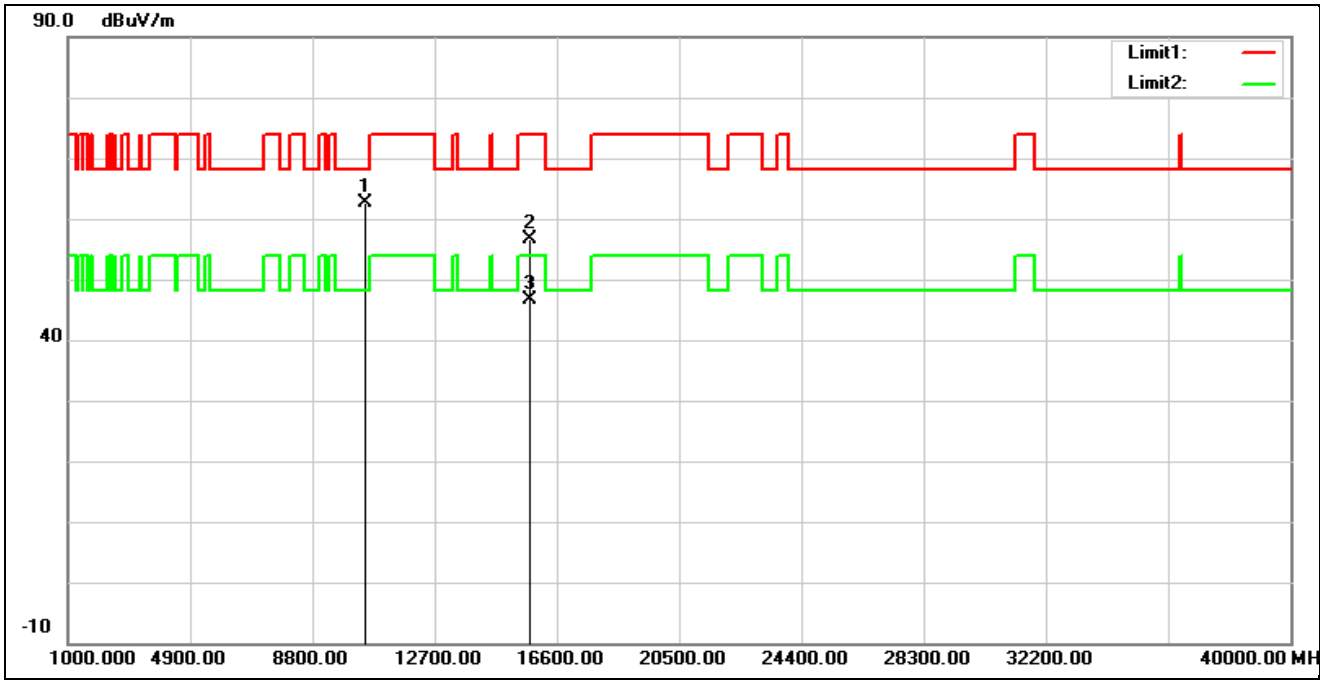

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10400.000 | 51.27 | 14.05 | 65.32 | 68.20 | -2.88 | peak |
| 2 | 15600.000 | 37.60 | 16.51 | 54.11 | 74.00 | -19.89 | peak |
| 3 | 15600.000 | 27.18 | 16.51 | 43.69 | 54.00 | -10.31 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5200 MHz | | |
| Remark: | | | |



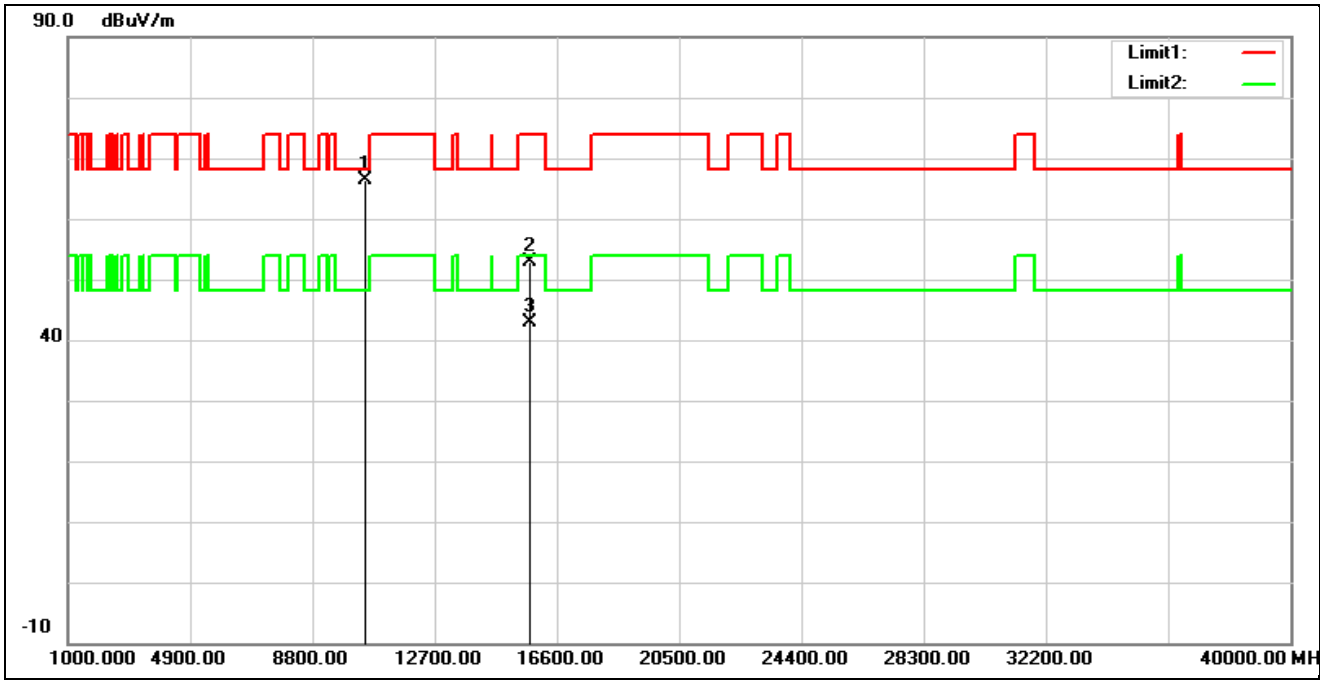

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10400.000 | 52.26 | 14.05 | 66.31 | 68.20 | -1.89 | peak |
| 2 | 15600.000 | 34.36 | 16.51 | 50.87 | 74.00 | -23.13 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5240 MHz | | |
| Remark: | | | |



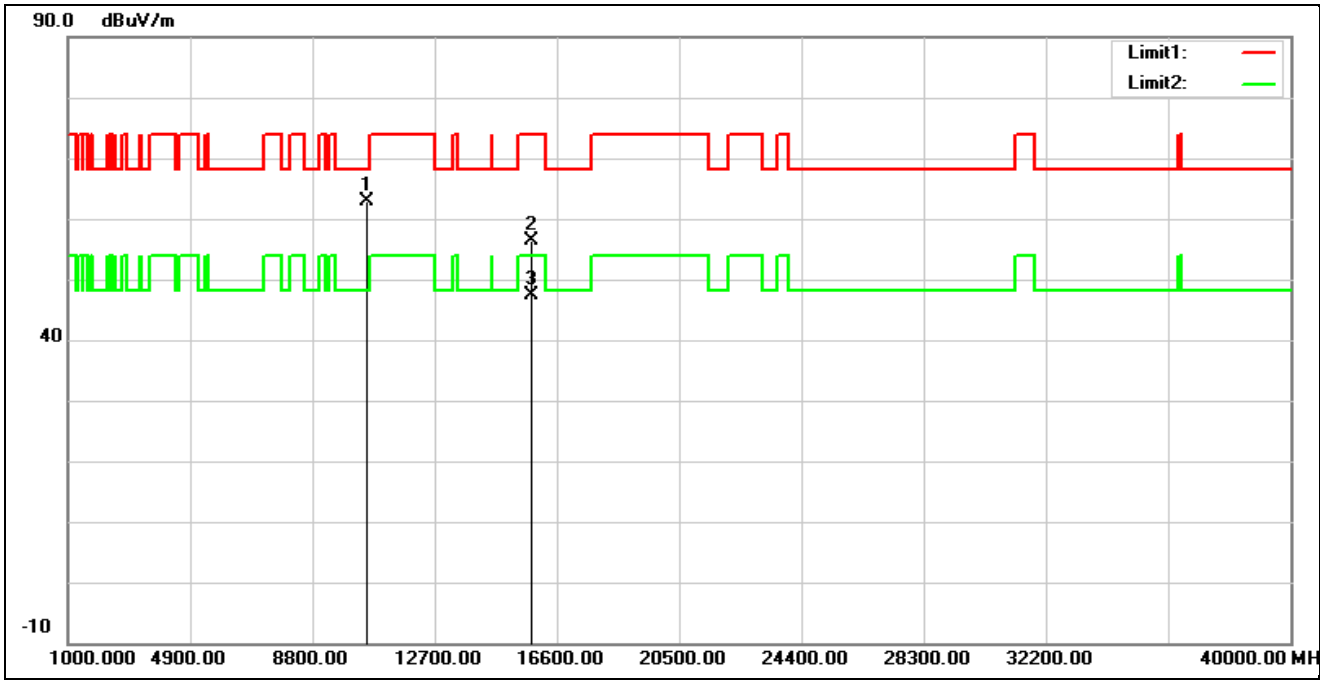

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10480.000 | 48.30 | 14.26 | 62.56 | 68.20 | -5.64 | peak |
| 2 | 15720.000 | 40.09 | 16.48 | 56.57 | 74.00 | -17.43 | peak |
| 3 | 15720.000 | 30.14 | 16.48 | 46.62 | 54.00 | -7.38 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5240 MHz | | |
| Remark: | | | |



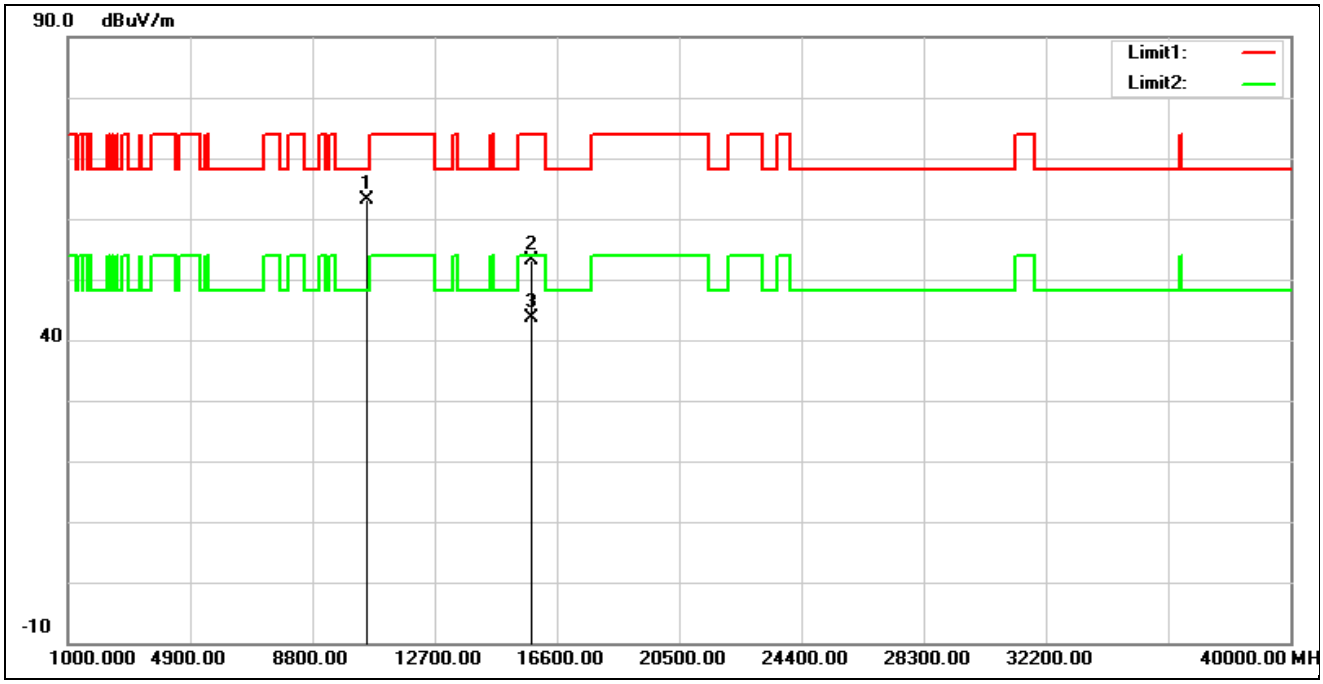

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10480.000 | 52.00 | 14.26 | 66.26 | 68.20 | -1.94 | peak |
| 2 | 15720.000 | 36.49 | 16.48 | 52.97 | 74.00 | -21.03 | peak |
| 3 | 15720.000 | 26.31 | 16.48 | 42.79 | 54.00 | -11.21 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5260 MHz | | |
| Remark: | | | |



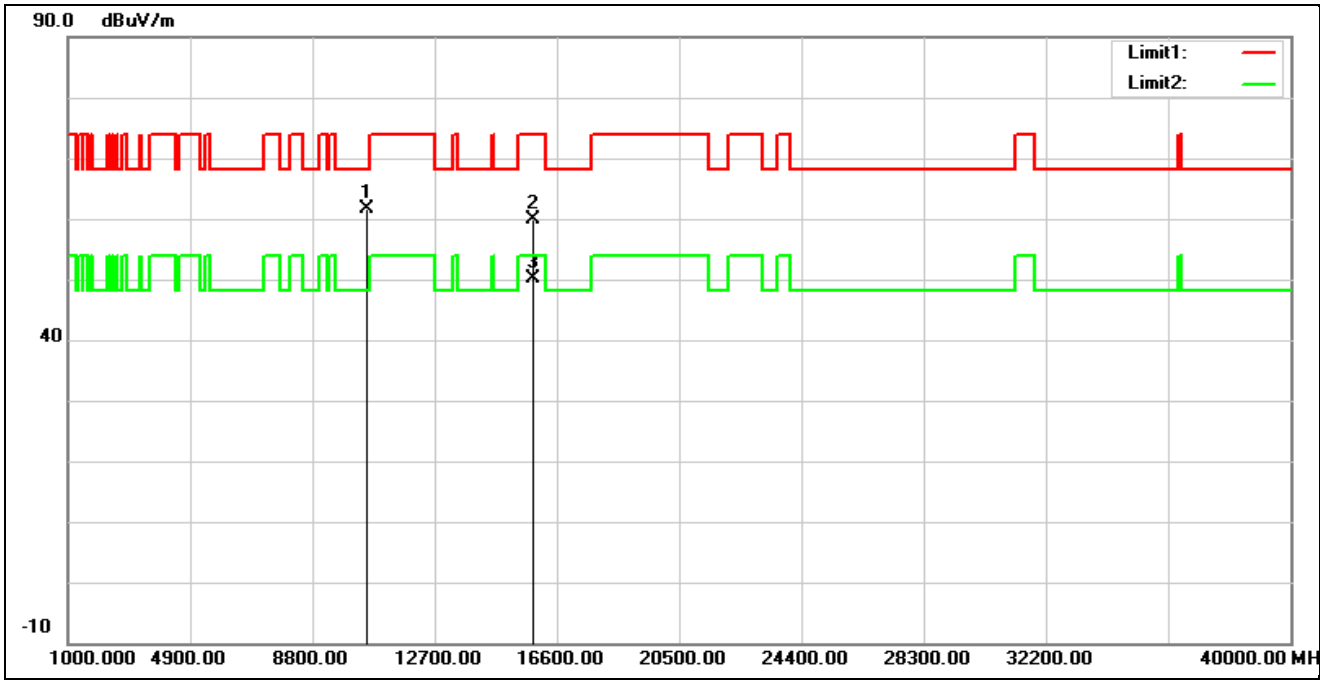

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10520.000 | 48.55 | 14.31 | 62.86 | 68.20 | -5.34 | peak |
| 2 | 15780.000 | 40.08 | 16.38 | 56.46 | 74.00 | -17.54 | peak |
| 3 | 15780.000 | 31.00 | 16.38 | 47.38 | 54.00 | -6.62 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5260 MHz | | |
| Remark: | | | |



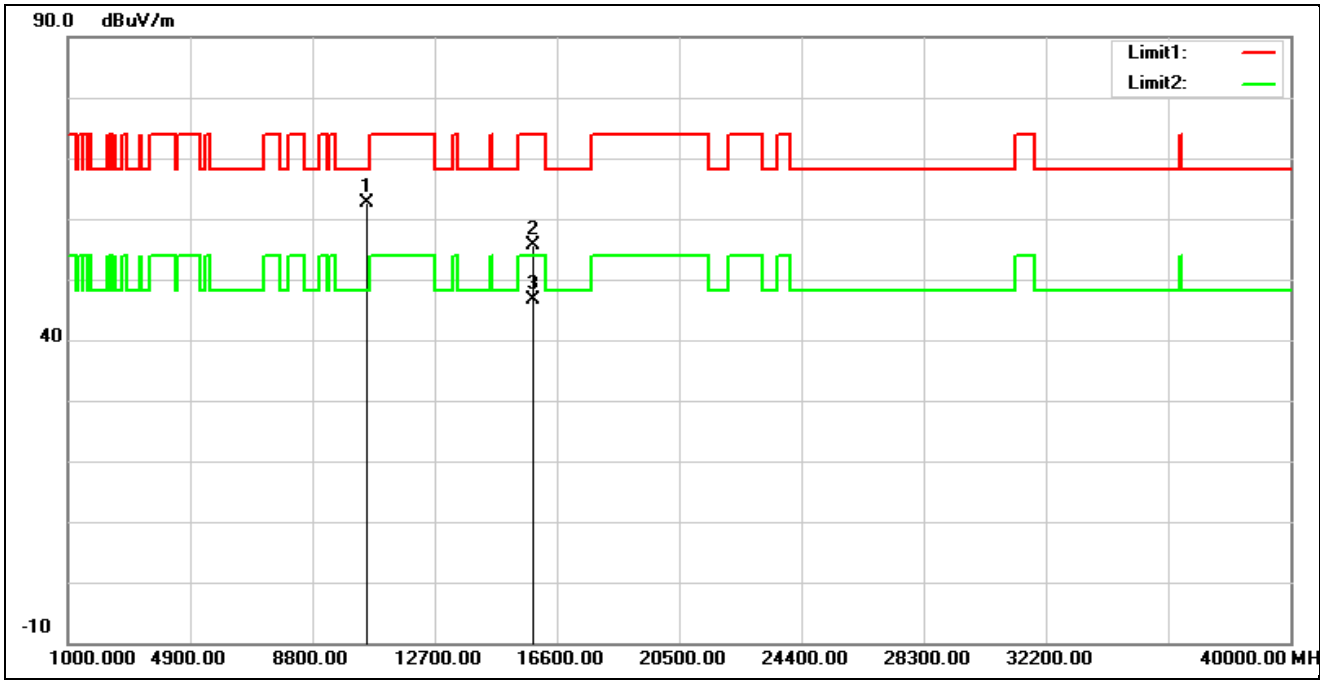

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10520.000 | 48.94 | 14.31 | 63.25 | 68.20 | -4.95 | peak |
| 2 | 15780.000 | 36.75 | 16.38 | 53.13 | 74.00 | -20.87 | peak |
| 3 | 15780.000 | 27.30 | 16.38 | 43.68 | 54.00 | -10.32 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5280 MHz | | |
| Remark: | | | |



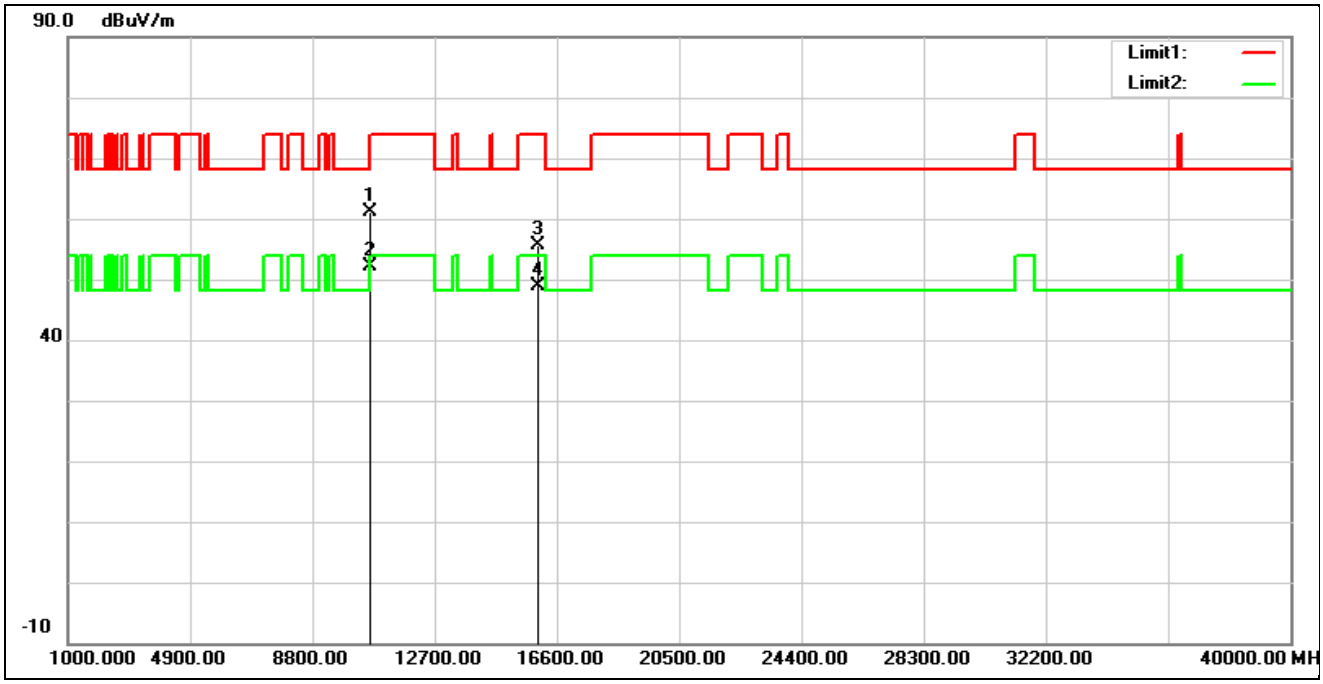

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 10560.000 | 47.40 | 14.31 | 61.71 | 68.20 | -6.49 | peak |
| 2 | 15840.000 | 43.73 | 16.18 | 59.91 | 74.00 | -14.09 | peak |
| 3* | 15840.000 | 33.94 | 16.18 | 50.12 | 54.00 | -3.88 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5280 MHz | | |
| Remark: | | | |



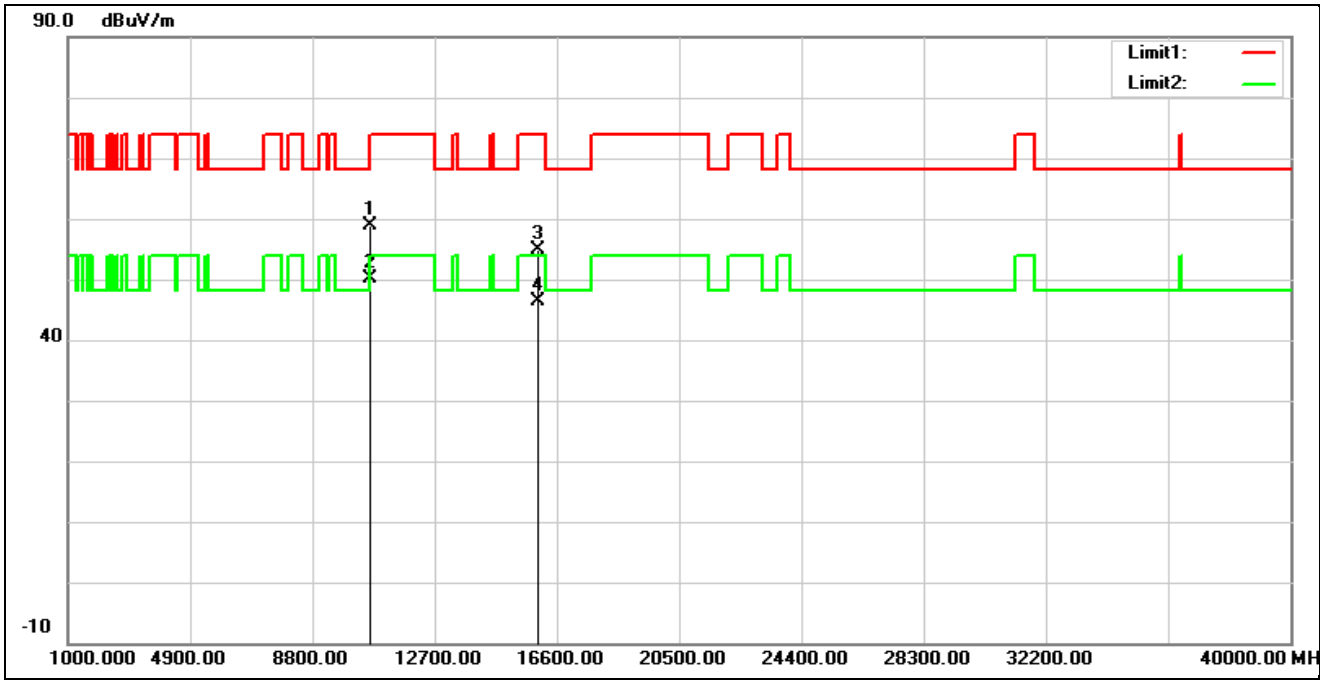

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10560.000 | 48.40 | 14.31 | 62.71 | 68.20 | -5.49 | peak |
| 2 | 15840.000 | 39.57 | 16.18 | 55.75 | 74.00 | -18.25 | peak |
| 3 | 15840.000 | 30.48 | 16.18 | 46.66 | 54.00 | -7.34 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5320 MHz | | |
| Remark: | | | |



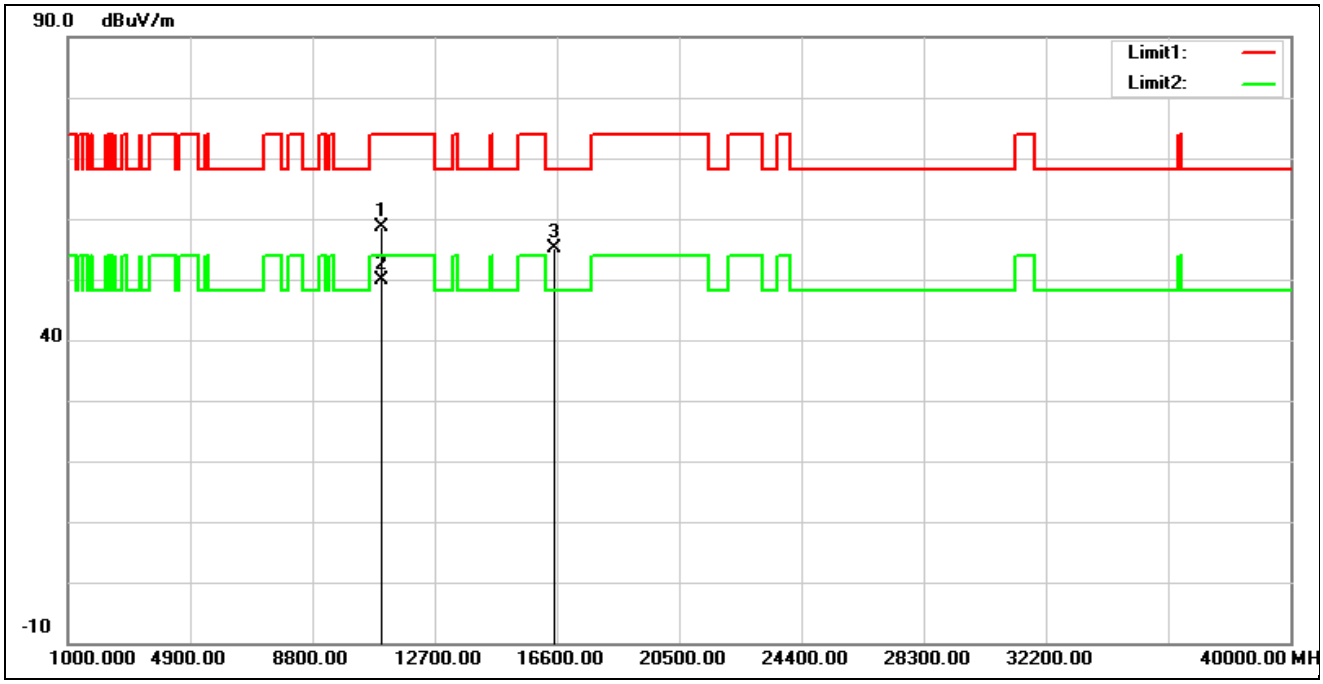

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 10640.000 | 46.89 | 14.19 | 61.08 | 74.00 | -12.92 | peak |
| 2* | 10640.000 | 37.97 | 14.19 | 52.16 | 54.00 | -1.84 | AVG |
| 3 | 15960.000 | 39.86 | 15.77 | 55.63 | 74.00 | -18.37 | peak |
| 4 | 15960.000 | 33.02 | 15.77 | 48.79 | 54.00 | -5.21 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5320 MHz | | |
| Remark: | | | |



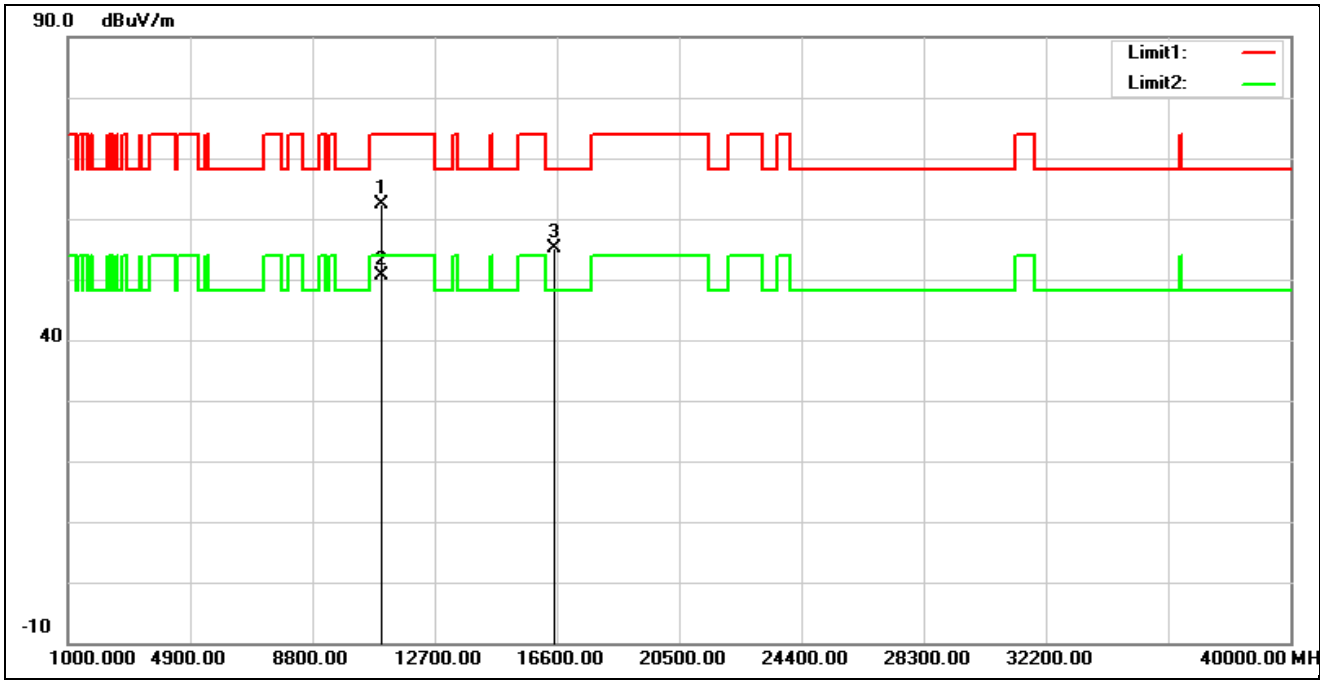

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 10640.000 | 44.59 | 14.19 | 58.78 | 74.00 | -15.22 | peak |
| 2* | 10640.000 | 36.04 | 14.19 | 50.23 | 54.00 | -3.77 | AVG |
| 3 | 15960.000 | 39.02 | 15.77 | 54.79 | 74.00 | -19.21 | peak |
| 4 | 15960.000 | 30.54 | 15.77 | 46.31 | 54.00 | -7.69 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5500 MHz | | |
| Remark: | | | |



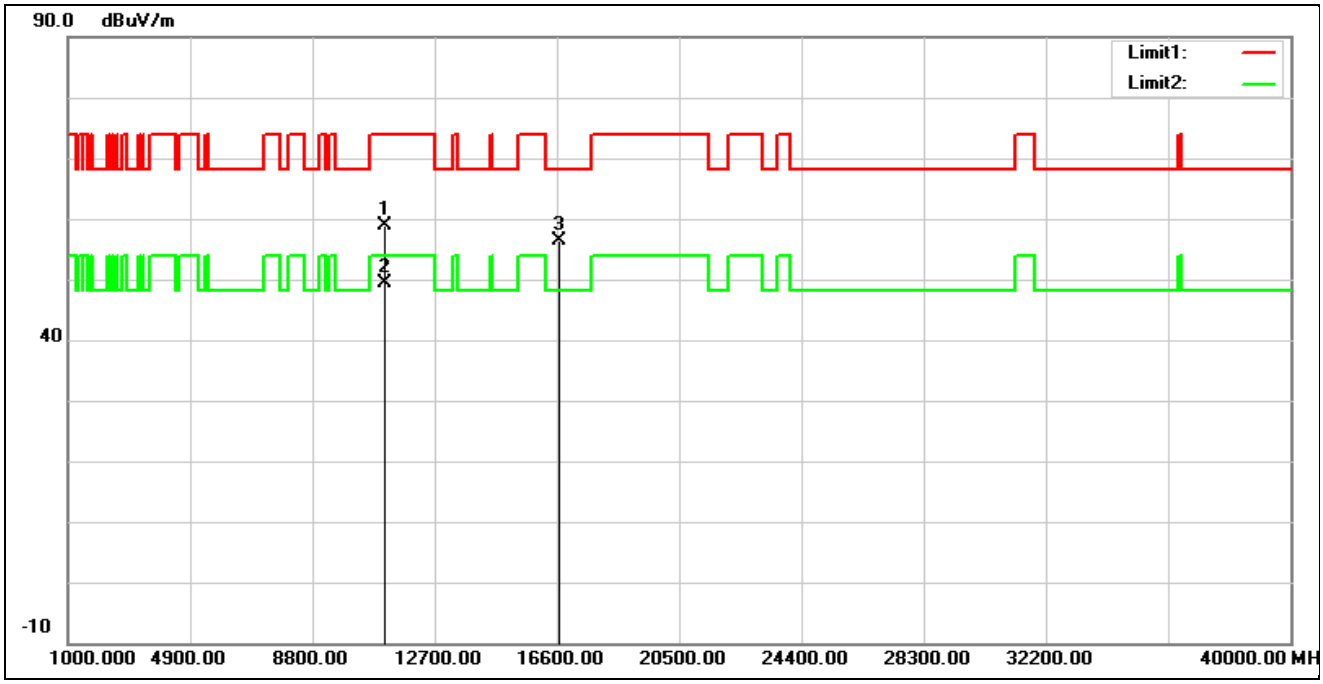

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11000.000 | 44.35 | 14.22 | 58.57 | 74.00 | -15.43 | peak |
| 2* | 11000.000 | 35.55 | 14.22 | 49.77 | 54.00 | -4.23 | AVG |
| 3 | 16500.000 | 38.25 | 16.87 | 55.12 | 68.20 | -13.08 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5500 MHz | | |
| Remark: | | | |



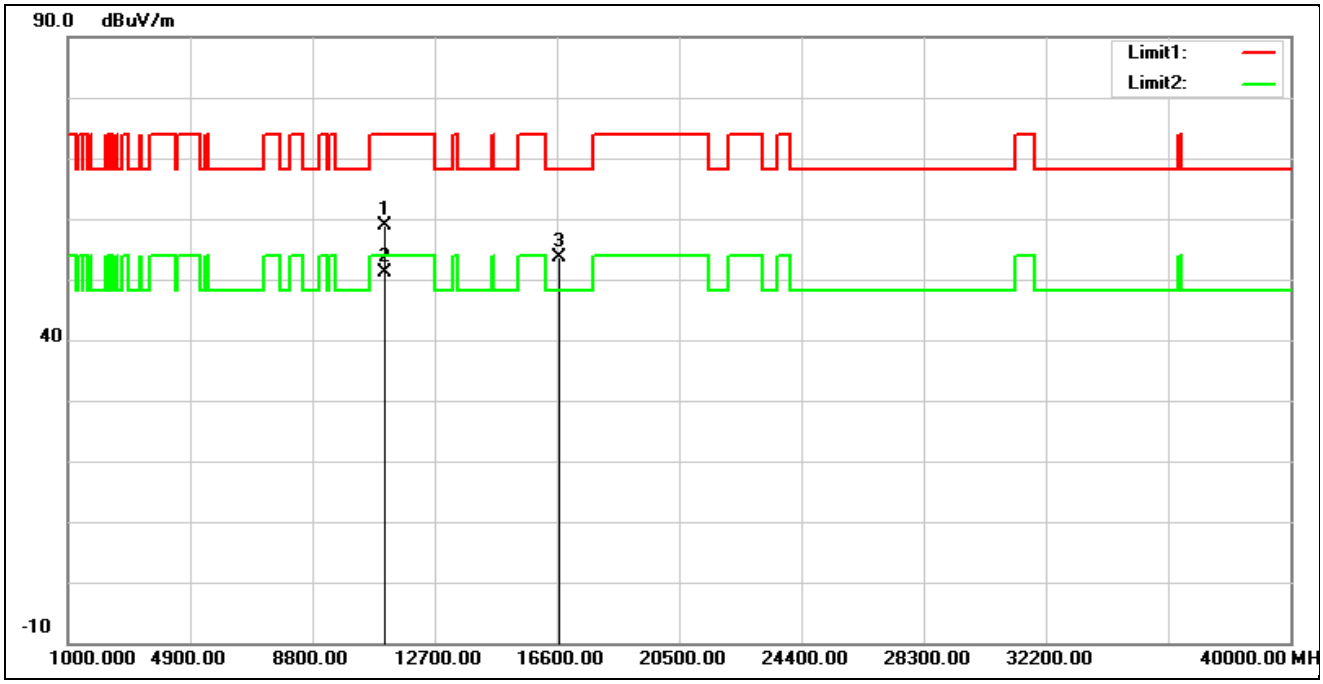

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11000.000 | 48.14 | 14.22 | 62.36 | 74.00 | -11.64 | peak |
| 2* | 11000.000 | 36.29 | 14.22 | 50.51 | 54.00 | -3.49 | AVG |
| 3 | 16500.000 | 38.24 | 16.87 | 55.11 | 68.20 | -13.09 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5560 MHz | | |
| Remark: | | | |



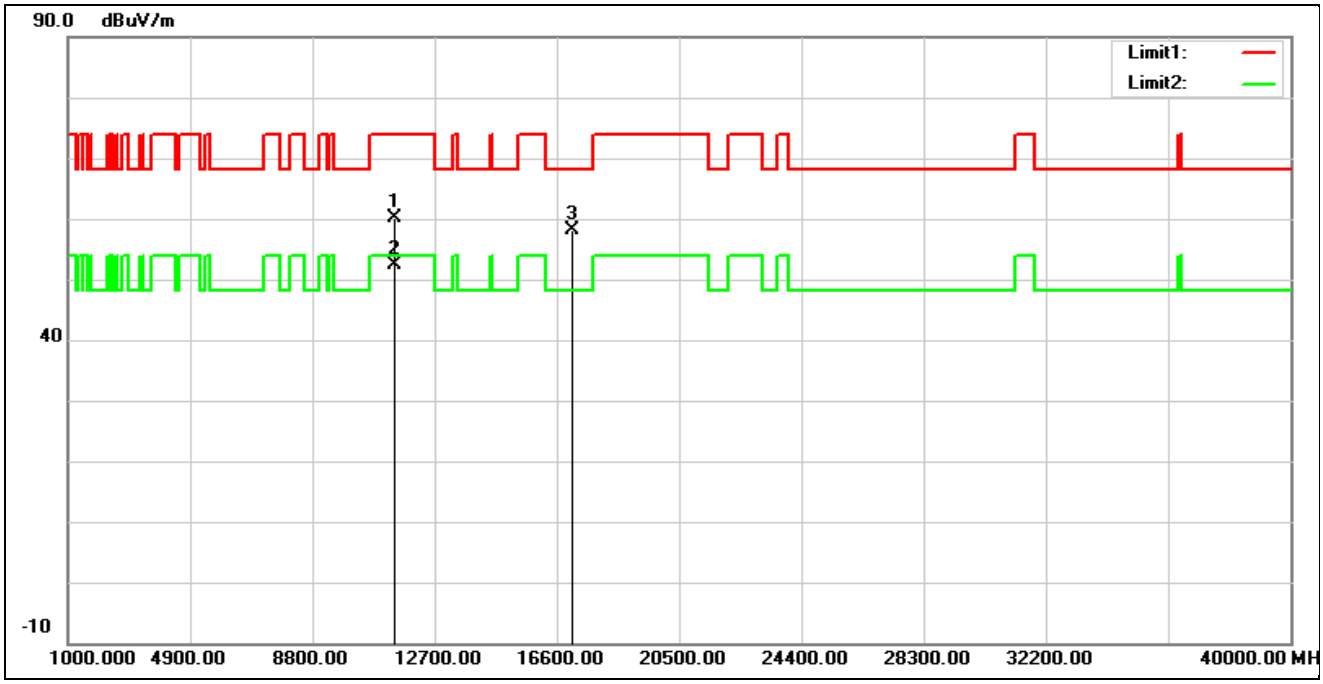

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11120.000 | 44.32 | 14.49 | 58.81 | 74.00 | -15.19 | peak |
| 2* | 11120.000 | 34.89 | 14.49 | 49.38 | 54.00 | -4.62 | AVG |
| 3 | 16680.000 | 38.40 | 17.98 | 56.38 | 68.20 | -11.82 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5560 MHz | | |
| Remark: | | | |



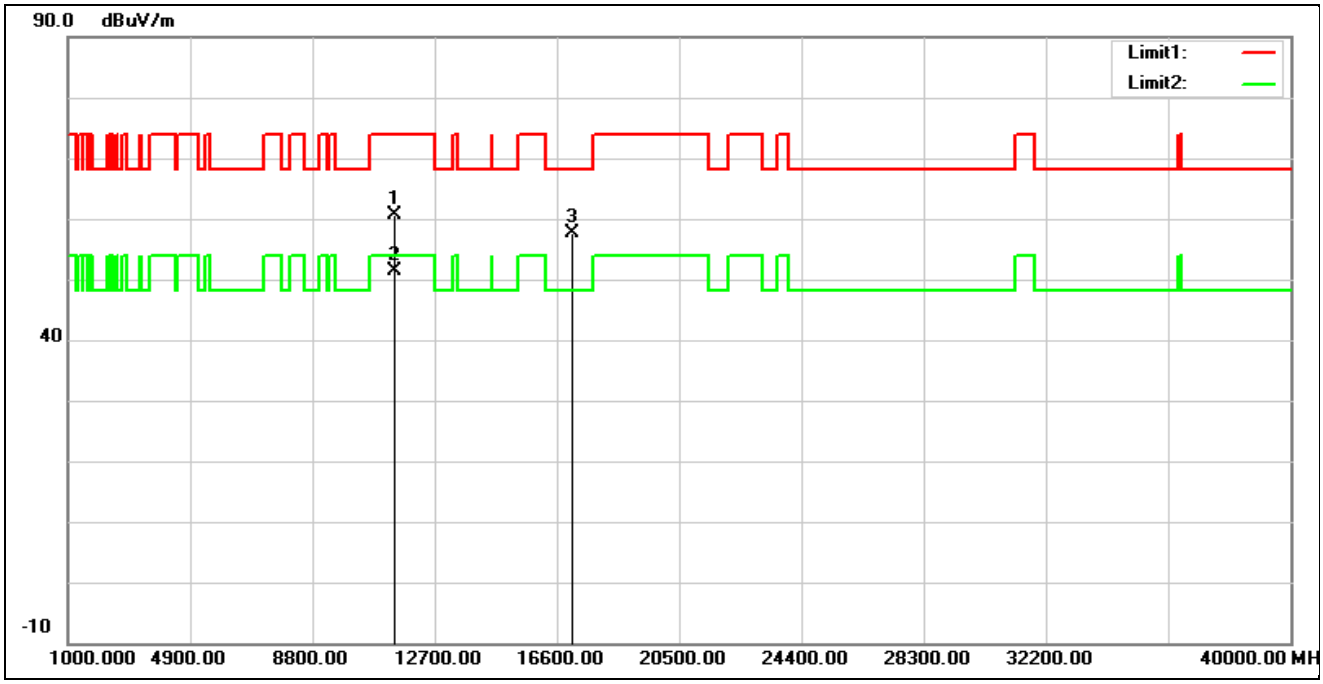

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11120.000 | 44.32 | 14.49 | 58.81 | 74.00 | -15.19 | peak |
| 2* | 11120.000 | 36.61 | 14.49 | 51.10 | 54.00 | -2.90 | AVG |
| 3 | 16680.000 | 35.61 | 17.98 | 53.59 | 68.20 | -14.61 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5700 MHz | | |
| Remark: | | | |



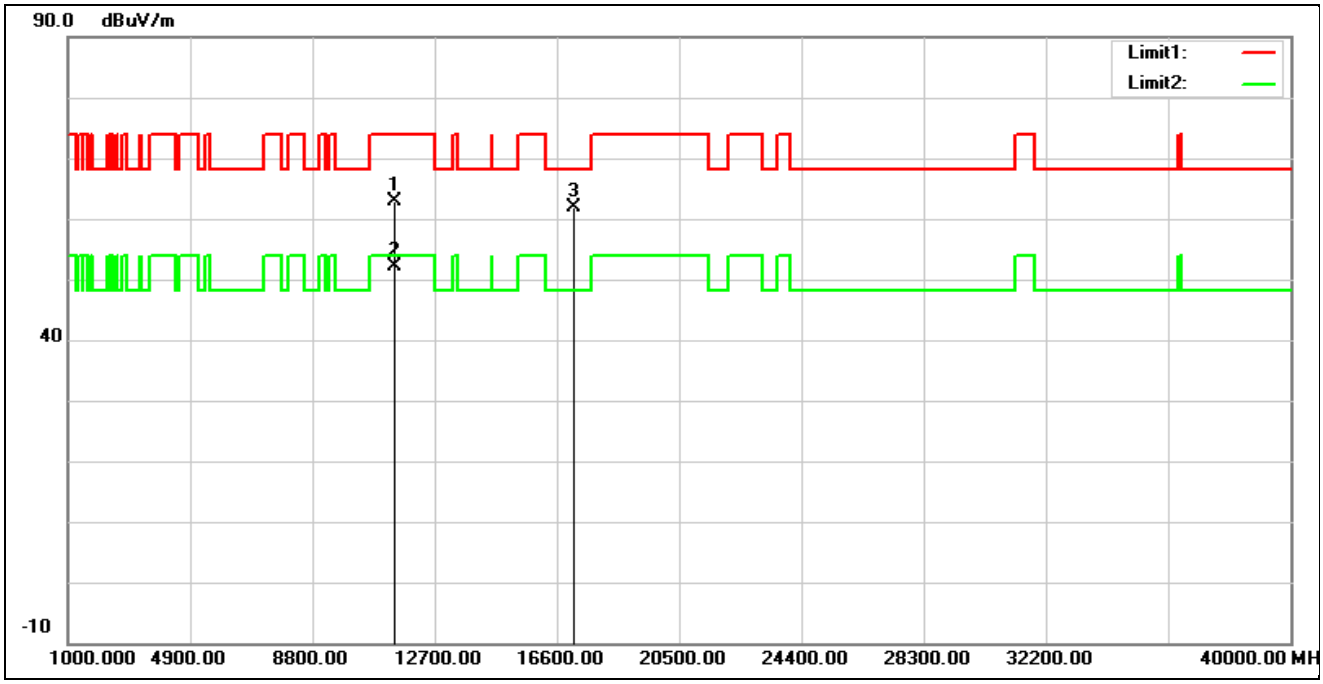

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11400.000 | 45.90 | 14.26 | 60.16 | 74.00 | -13.84 | peak |
| 2* | 11400.000 | 38.19 | 14.26 | 52.45 | 54.00 | -1.55 | AVG |
| 3 | 17100.000 | 37.34 | 20.69 | 58.03 | 68.20 | -10.17 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5700 MHz | | |
| Remark: | | | |



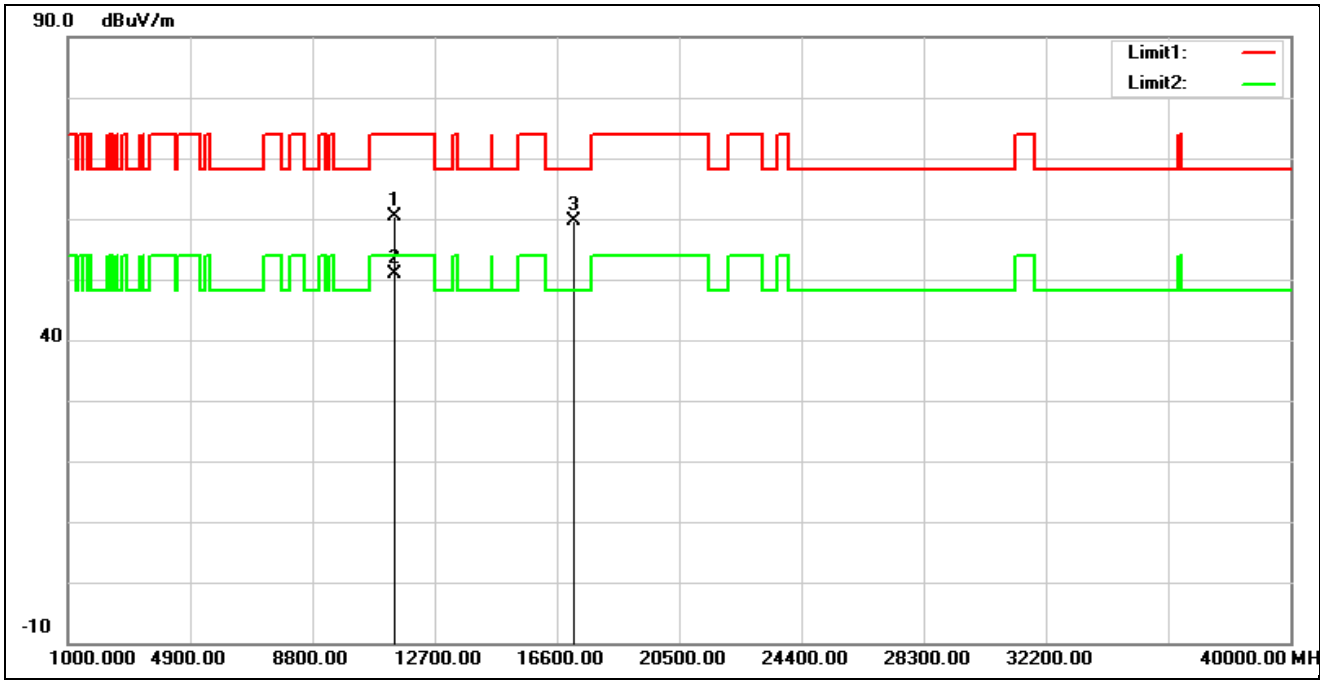

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11400.000 | 46.36 | 14.26 | 60.62 | 74.00 | -13.38 | peak |
| 2* | 11400.000 | 37.09 | 14.26 | 51.35 | 54.00 | -2.65 | AVG |
| 3 | 17100.000 | 36.97 | 20.69 | 57.66 | 68.20 | -10.54 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5720 MHz | | |
| Remark: | | | |



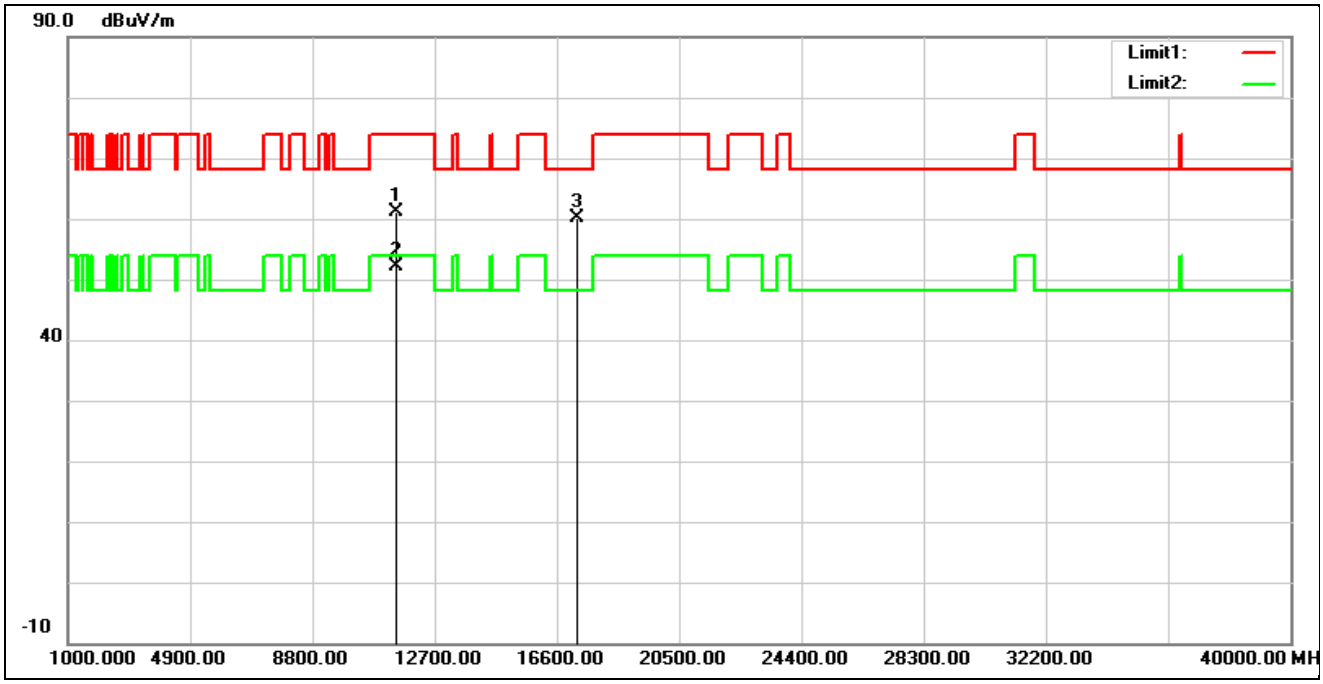

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11400.000 | 48.72 | 14.26 | 62.98 | 74.00 | -11.02 | peak |
| 2* | 11400.000 | 37.90 | 14.26 | 52.16 | 54.00 | -1.84 | AVG |
| 3 | 17160.000 | 40.79 | 21.09 | 61.88 | 68.20 | -6.32 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5720 MHz | | |
| Remark: | | | |



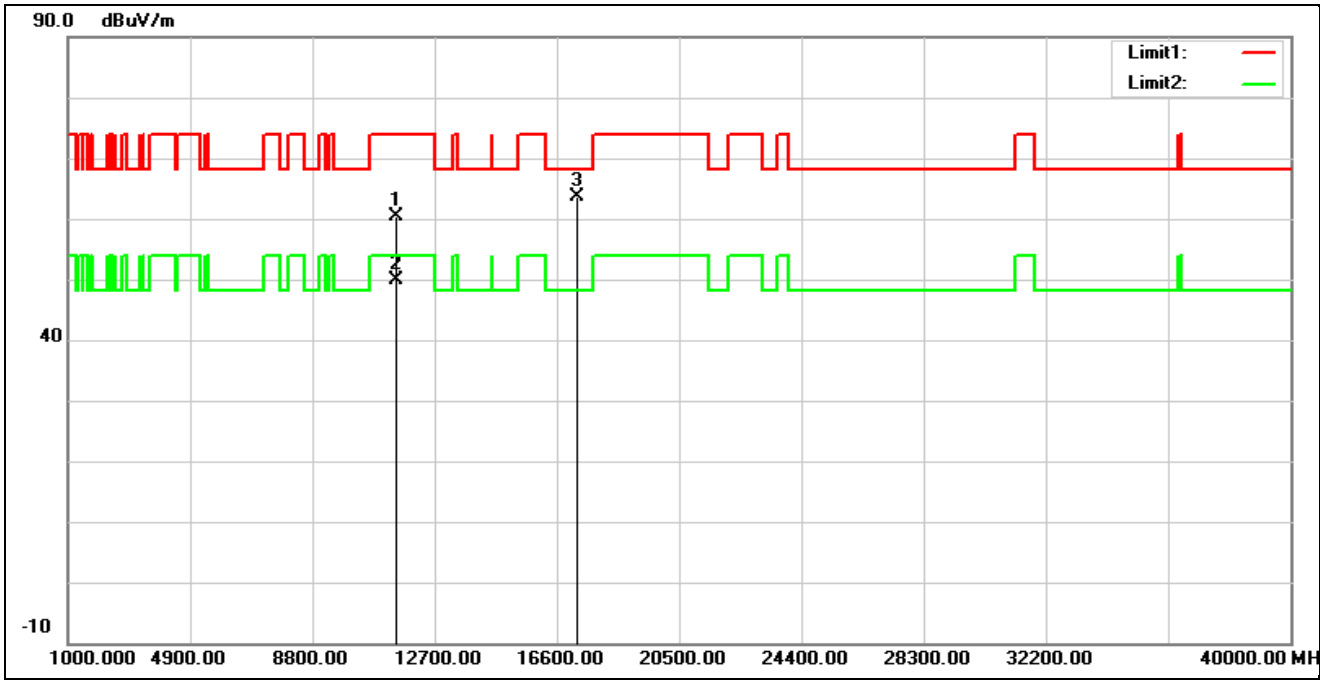

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11440.000 | 45.75 | 14.56 | 60.31 | 74.00 | -13.69 | peak |
| 2* | 11440.000 | 36.35 | 14.56 | 50.91 | 54.00 | -3.09 | AVG |
| 3 | 17160.000 | 38.42 | 21.09 | 59.51 | 68.20 | -8.69 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5745 MHz | | |
| Remark: | | | |



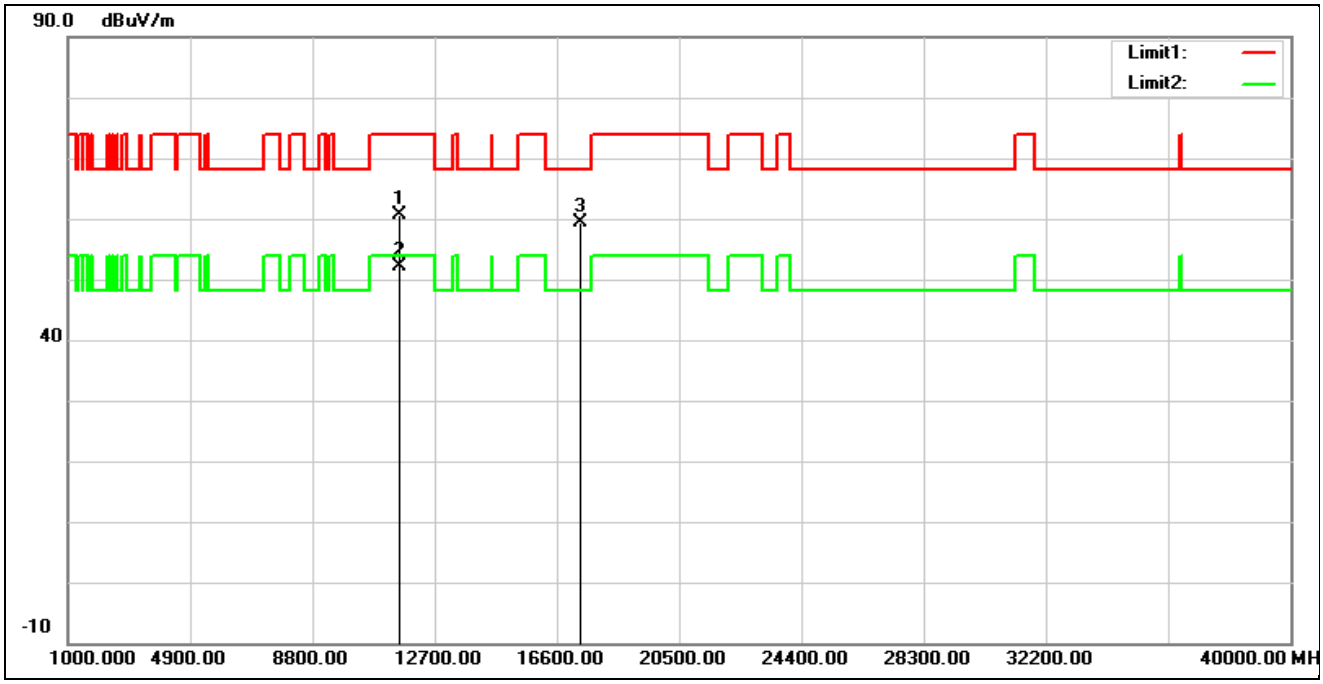

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11490.000 | 46.24 | 14.93 | 61.17 | 74.00 | -12.83 | peak |
| 2* | 11490.000 | 37.24 | 14.93 | 52.17 | 54.00 | -1.83 | AVG |
| 3 | 17235.000 | 38.38 | 21.70 | 60.08 | 68.20 | -8.12 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5745 MHz | | |
| Remark: | | | |



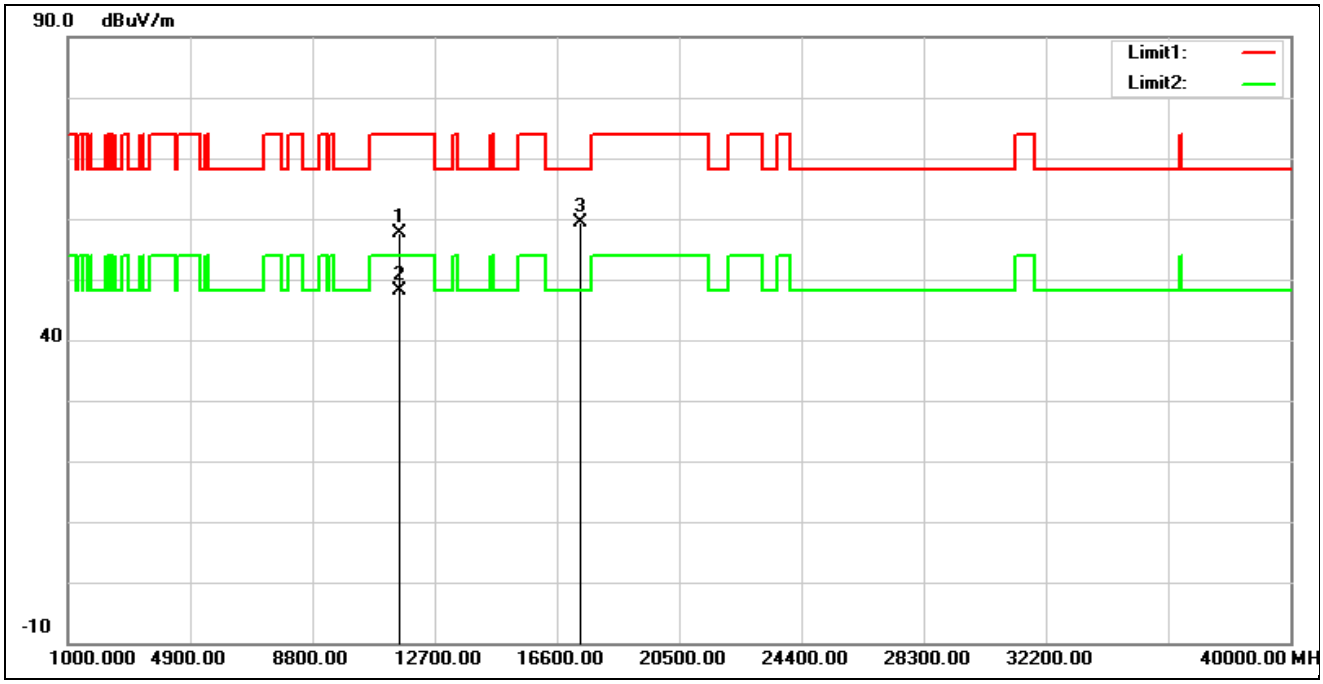

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11490.000 | 45.34 | 14.93 | 60.27 | 74.00 | -13.73 | peak |
| 2* | 11490.000 | 34.91 | 14.93 | 49.84 | 54.00 | -4.16 | AVG |
| 3 | 17235.000 | 42.03 | 21.70 | 63.73 | 68.20 | -4.47 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5785 MHz | | |
| Remark: | | | |



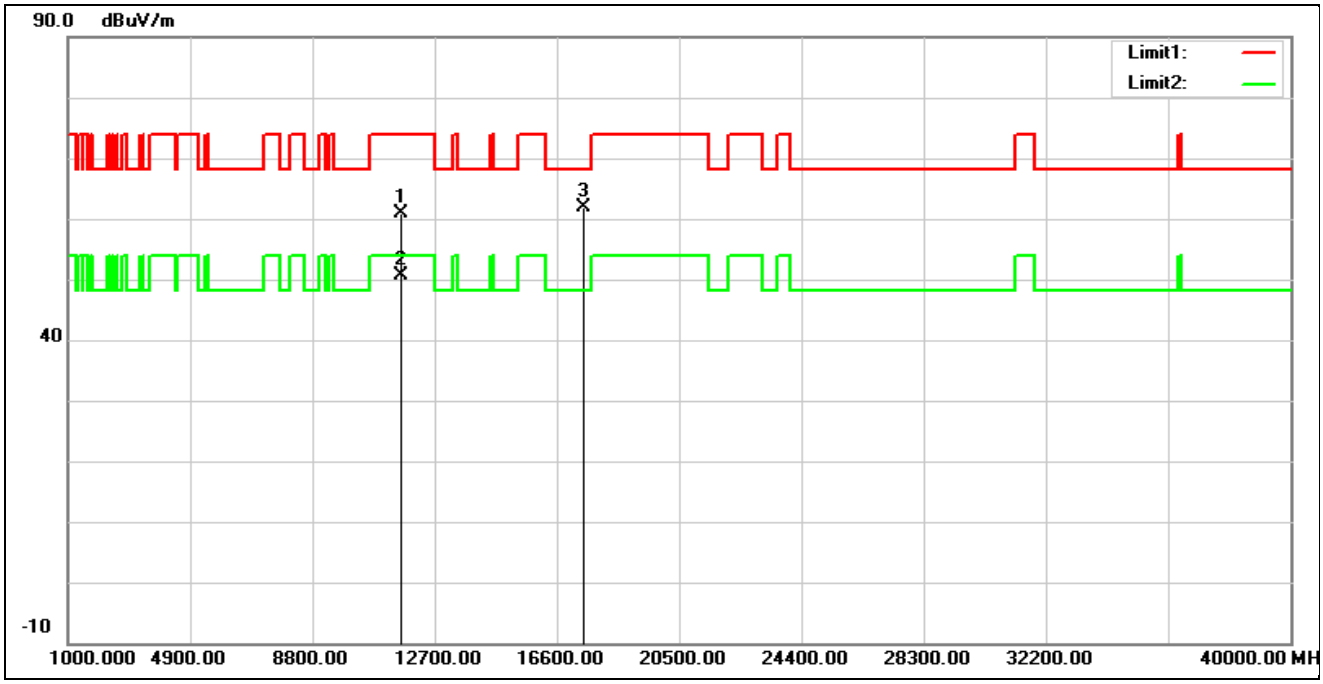

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11570.000 | 45.99 | 14.60 | 60.59 | 74.00 | -13.41 | peak |
| 2* | 11570.000 | 37.64 | 14.60 | 52.24 | 54.00 | -1.76 | AVG |
| 3 | 17355.000 | 36.79 | 22.64 | 59.43 | 68.20 | -8.77 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5785 MHz | | |
| Remark: | | | |



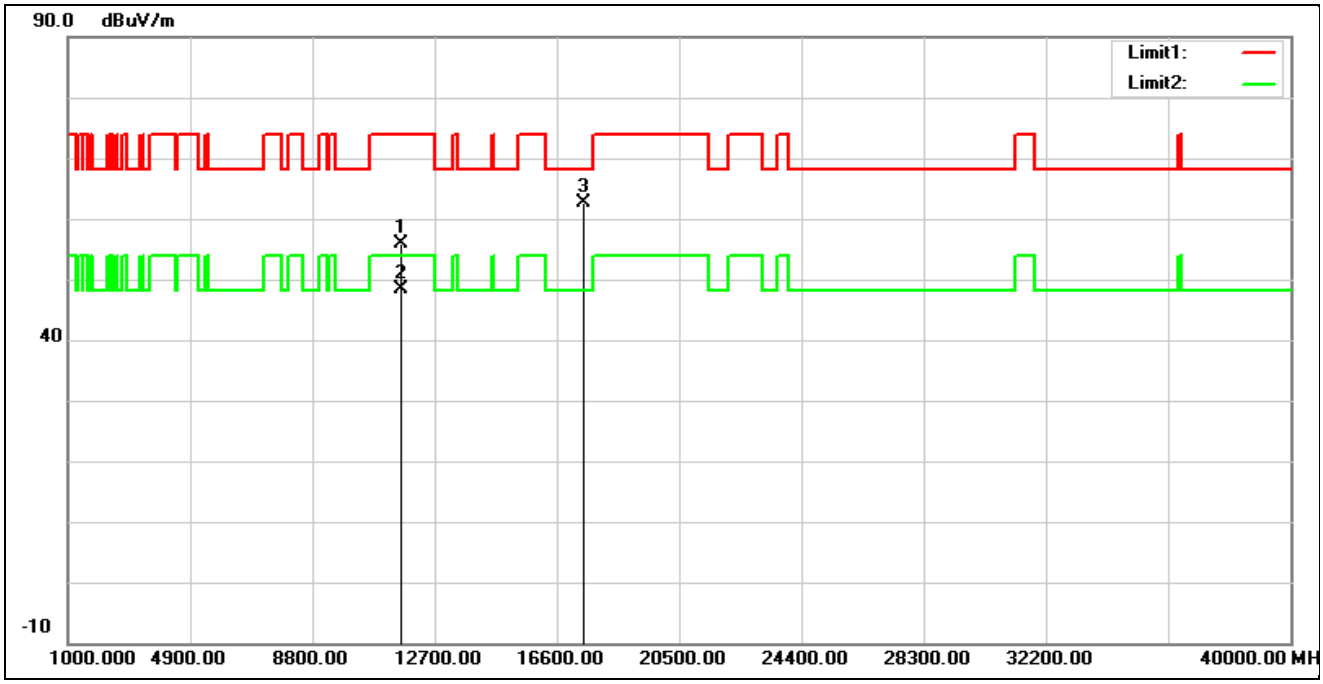

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11570.000 | 43.14 | 14.60 | 57.74 | 74.00 | -16.26 | peak |
| 2* | 11570.000 | 33.55 | 14.60 | 48.15 | 54.00 | -5.85 | AVG |
| 3 | 17355.000 | 36.76 | 22.64 | 59.40 | 68.20 | -8.80 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5825 MHz | | |
| Remark: | | | |



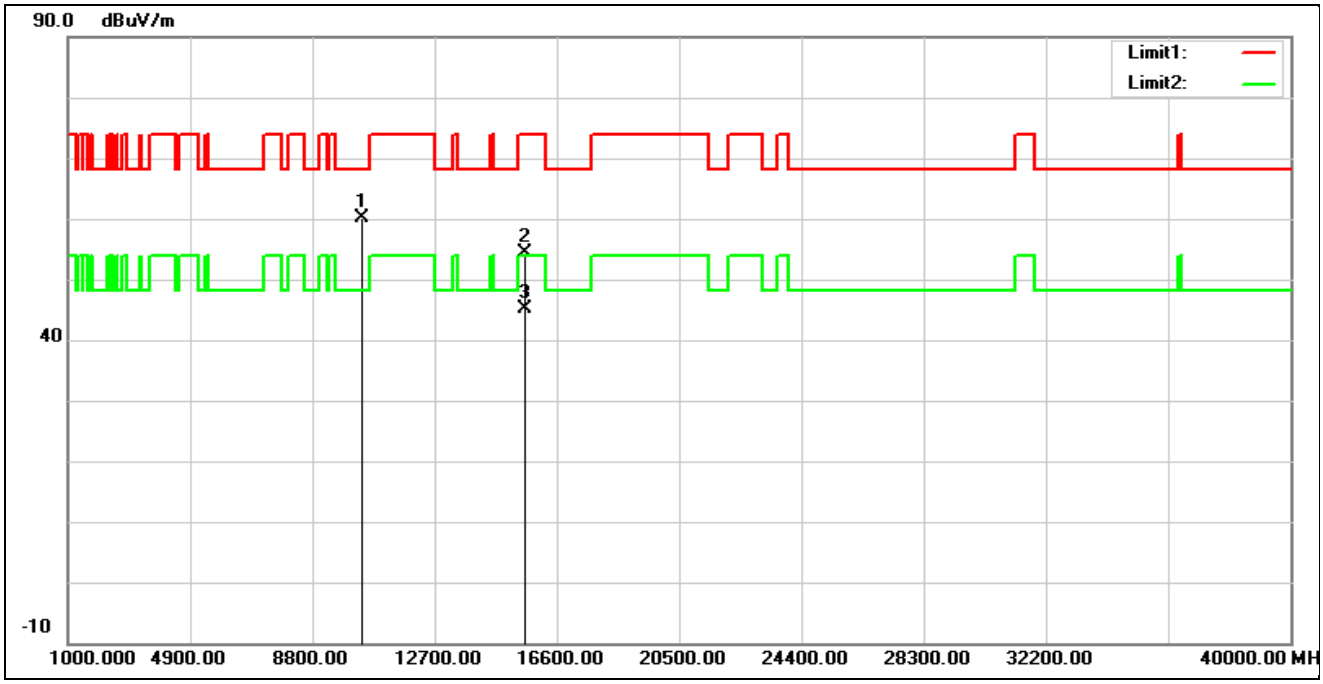

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11650.000 | 46.40 | 14.39 | 60.79 | 74.00 | -13.21 | peak |
| 2* | 11650.000 | 36.33 | 14.39 | 50.72 | 54.00 | -3.28 | AVG |
| 3 | 17475.000 | 37.84 | 23.92 | 61.76 | 68.20 | -6.44 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5825 MHz | | |
| Remark: | | | |



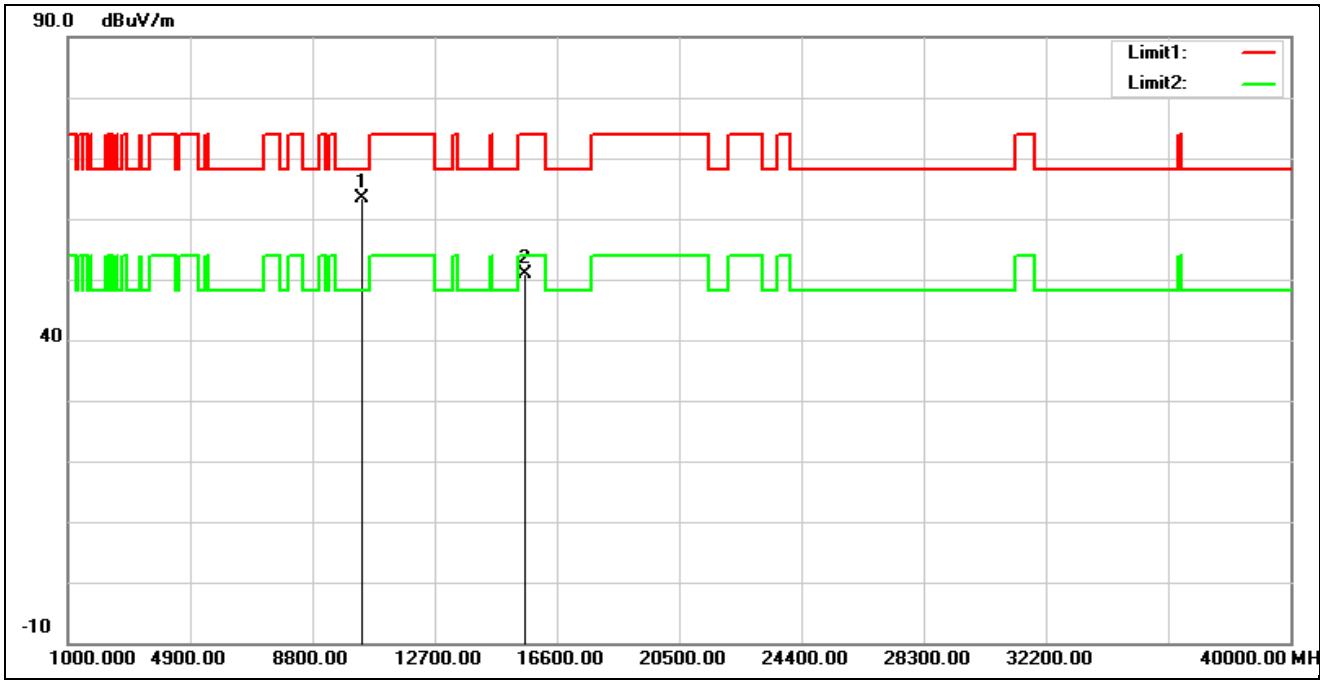

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11650.000 | 41.44 | 14.39 | 55.83 | 74.00 | -18.17 | peak |
| 2* | 11650.000 | 33.96 | 14.39 | 48.35 | 54.00 | -5.65 | AVG |
| 3 | 17475.000 | 38.63 | 23.92 | 62.55 | 68.20 | -5.65 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT40 5190 MHz | | |
| Remark: | | | |



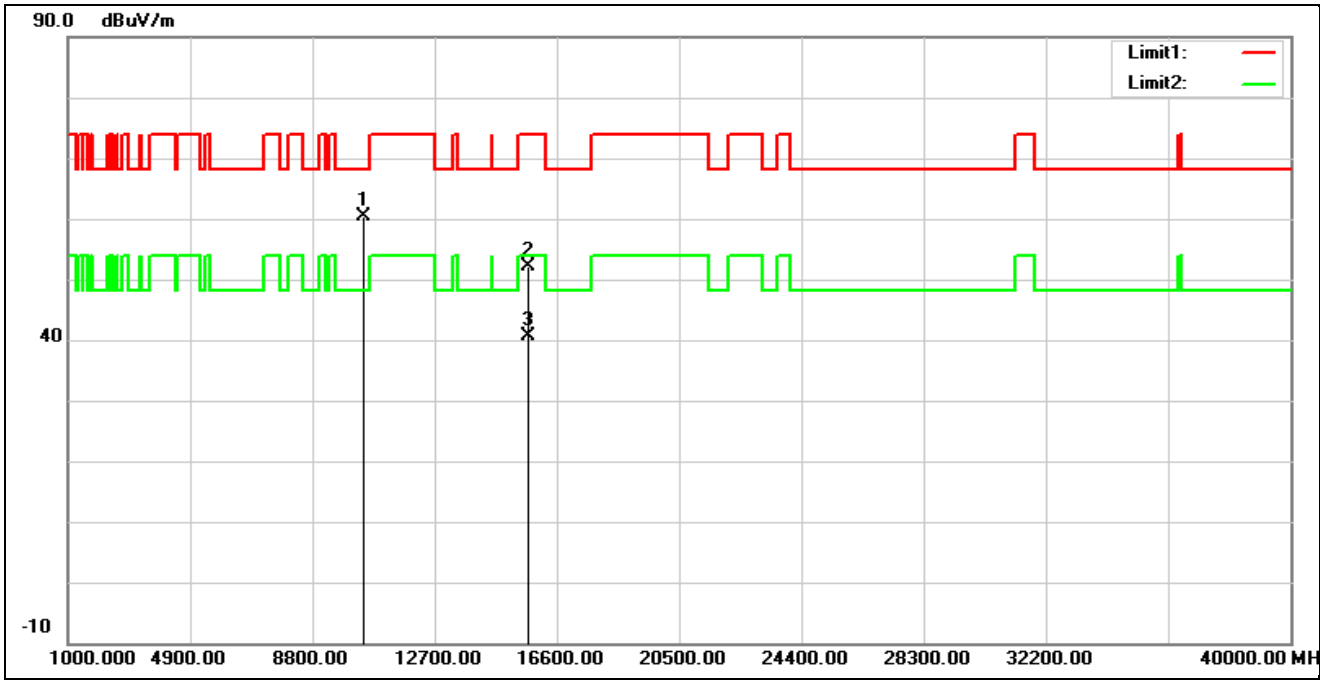

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10380.000 | 46.12 | 13.93 | 60.05 | 68.20 | -8.15 | peak |
| 2 | 15570.000 | 37.84 | 16.62 | 54.46 | 74.00 | -19.54 | peak |
| 3 | 15570.000 | 28.45 | 16.62 | 45.07 | 54.00 | -8.93 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT40 5190 MHz | | |
| Remark: | | | |



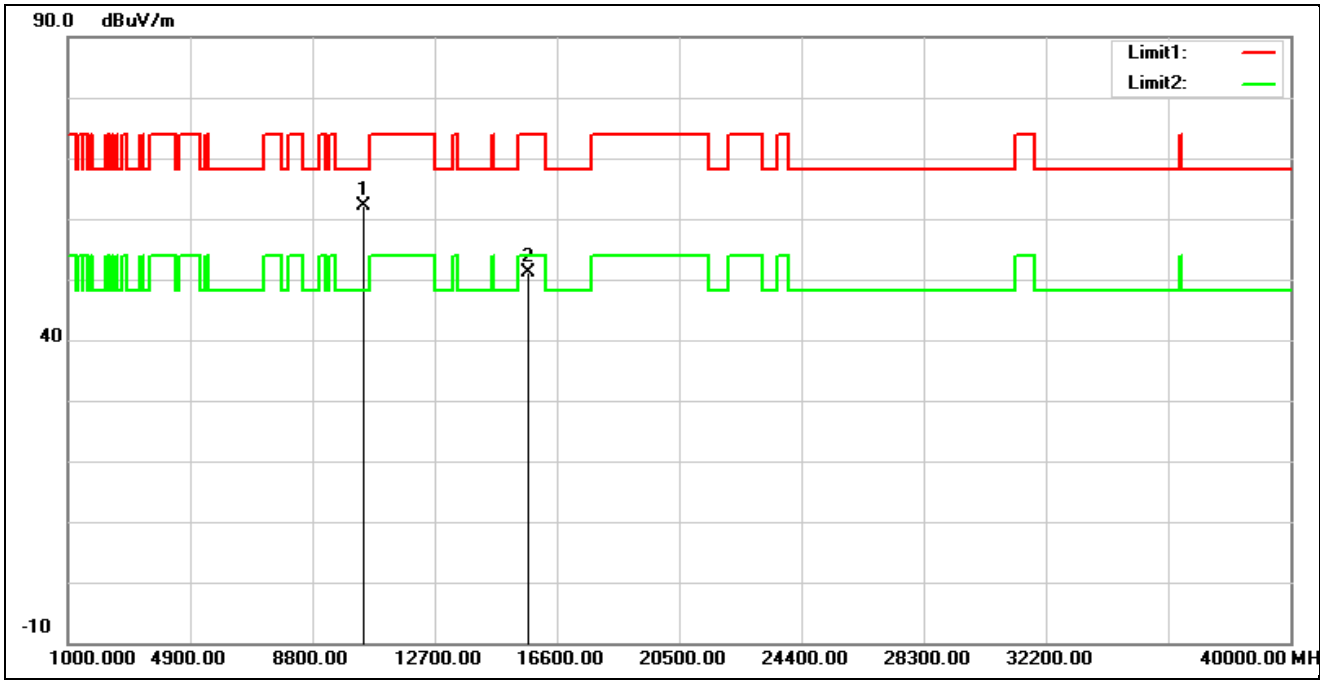

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10380.000 | 49.48 | 13.93 | 63.41 | 68.20 | -4.79 | peak |
| 2 | 15570.000 | 34.19 | 16.62 | 50.81 | 74.00 | -23.19 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT40 5230 MHz | | |
| Remark: | | | |



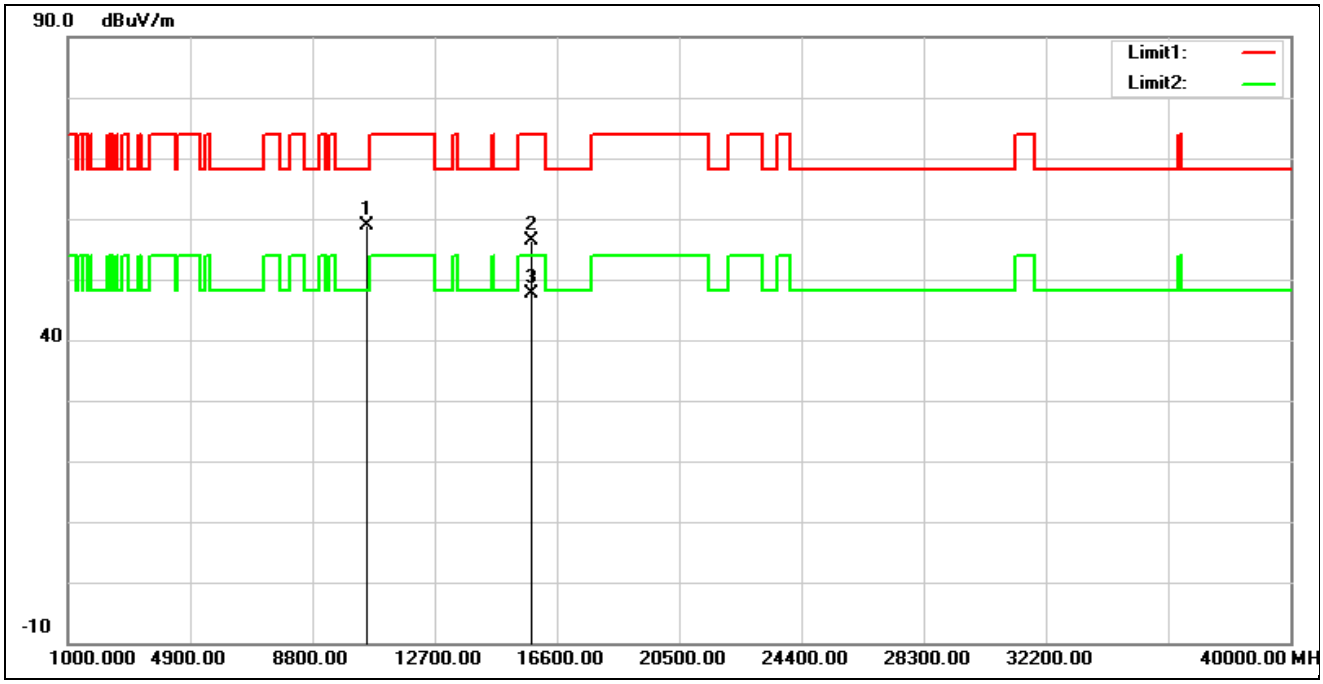

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10460.000 | 46.22 | 14.20 | 60.42 | 68.20 | -7.78 | peak |
| 2 | 15690.000 | 35.67 | 16.52 | 52.19 | 74.00 | -21.81 | peak |
| 3 | 15690.000 | 24.19 | 16.52 | 40.71 | 54.00 | -13.29 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT40 5230 MHz | | |
| Remark: | | | |



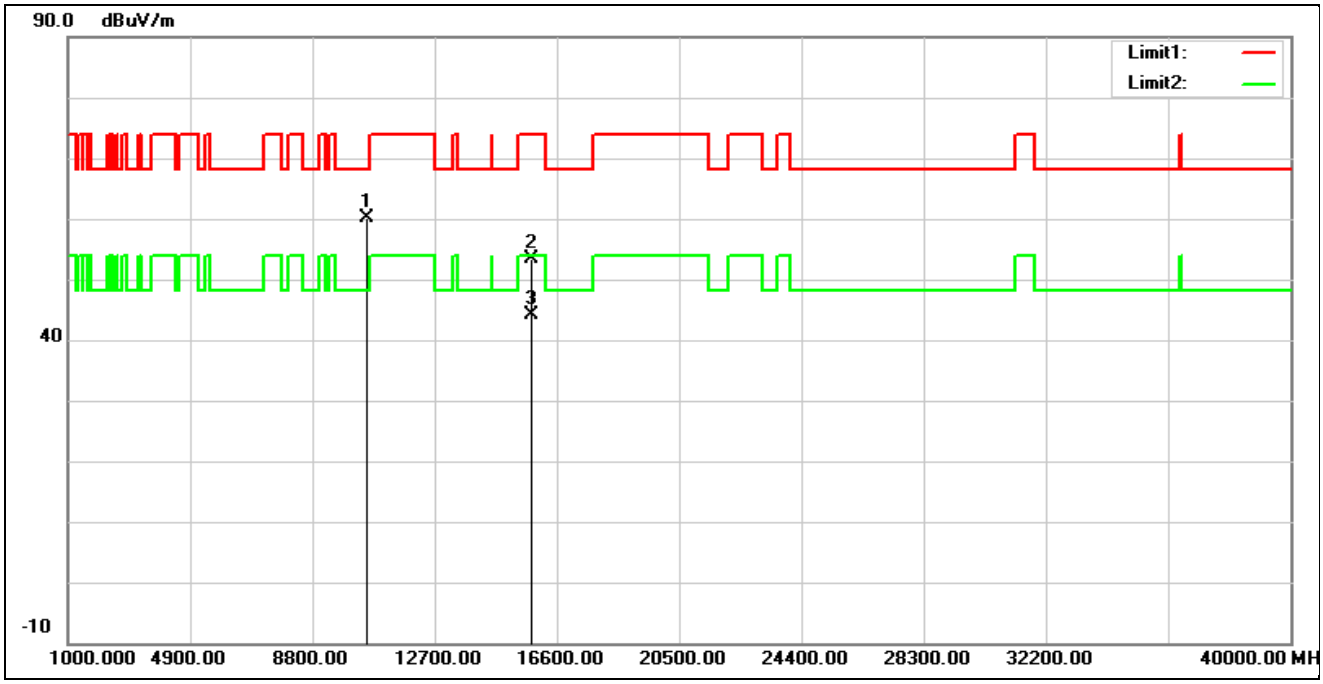

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10460.000 | 47.88 | 14.20 | 62.08 | 68.20 | -6.12 | peak |
| 2 | 15690.000 | 34.72 | 16.52 | 51.24 | 74.00 | -22.76 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT40 5270 MHz | | |
| Remark: | | | |



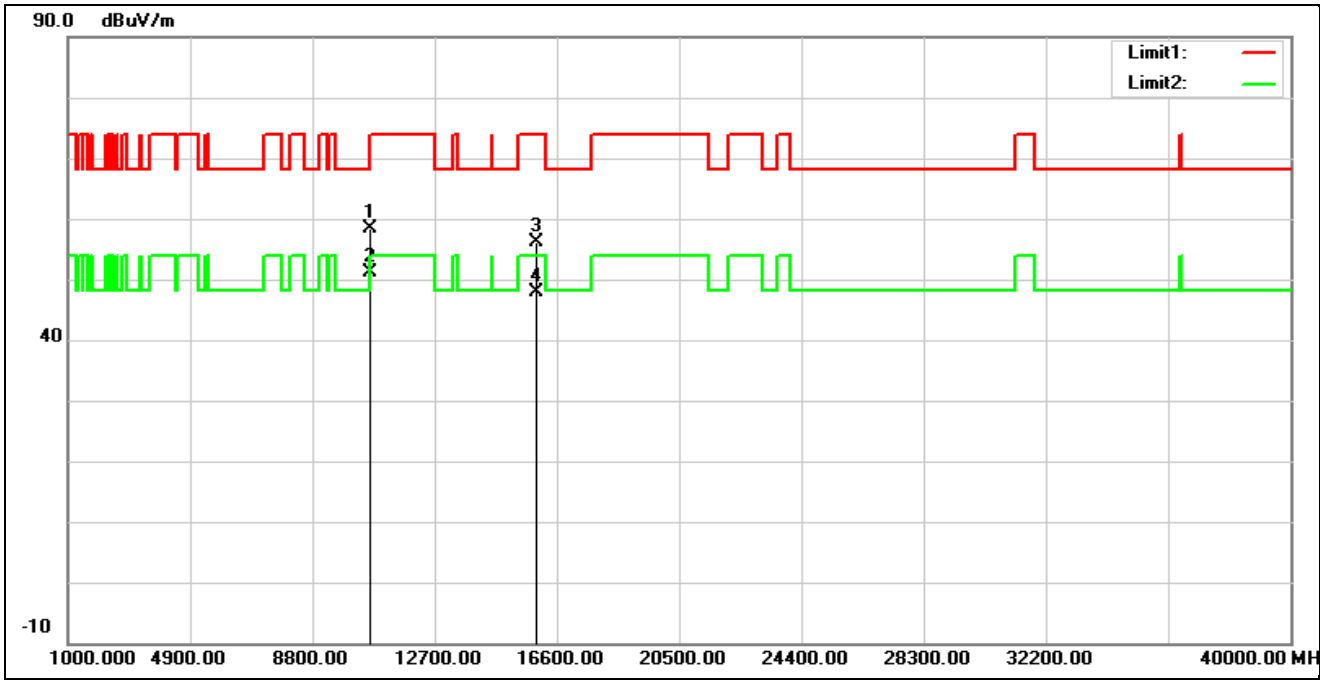

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 10540.000 | 44.65 | 14.32 | 58.97 | 68.20 | -9.23 | peak |
| 2 | 15810.000 | 40.01 | 16.29 | 56.30 | 74.00 | -17.70 | peak |
| 3* | 15810.000 | 31.37 | 16.29 | 47.66 | 54.00 | -6.34 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT40 5270 MHz | | |
| Remark: | | | |



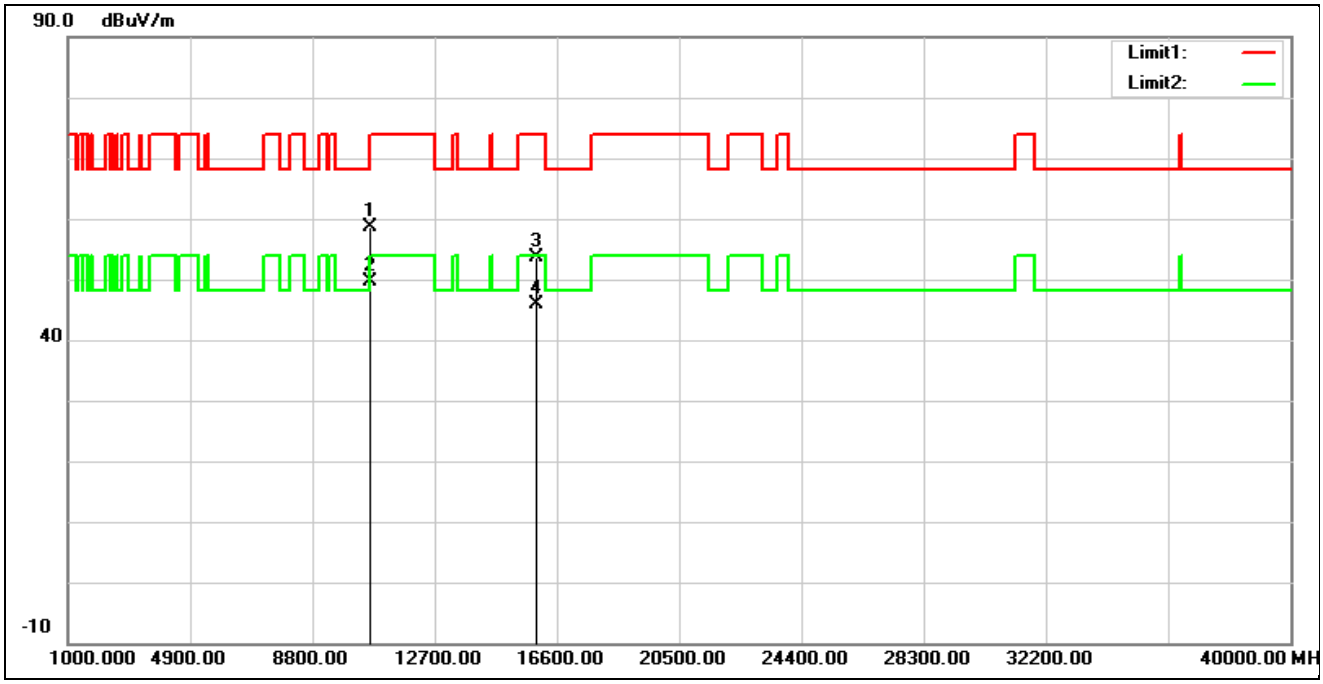

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10540.000 | 45.85 | 14.32 | 60.17 | 68.20 | -8.03 | peak |
| 2 | 15810.000 | 36.97 | 16.29 | 53.26 | 74.00 | -20.74 | peak |
| 3 | 15810.000 | 27.92 | 16.29 | 44.21 | 54.00 | -9.79 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT40 5310 MHz | | |
| Remark: | | | |



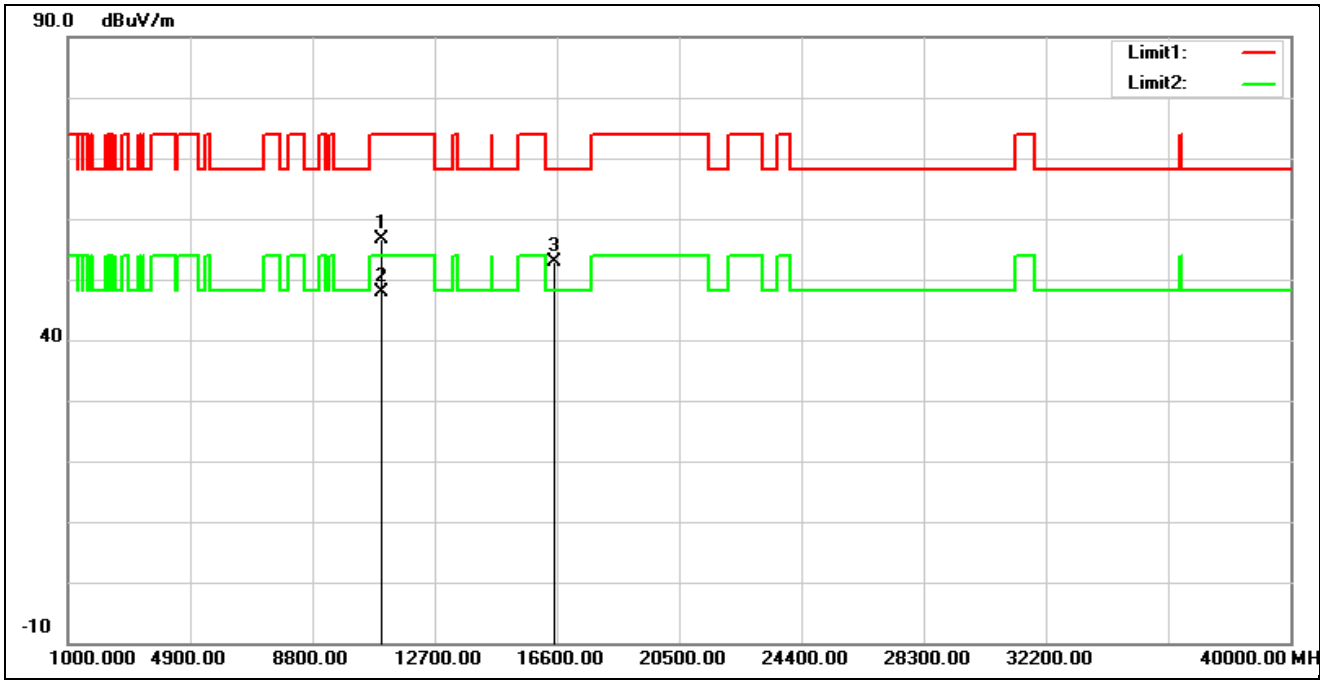

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 10620.000 | 44.14 | 14.26 | 58.40 | 74.00 | -15.60 | peak |
| 2* | 10620.000 | 36.80 | 14.26 | 51.06 | 54.00 | -2.94 | AVG |
| 3 | 15930.000 | 40.36 | 15.86 | 56.22 | 74.00 | -17.78 | peak |
| 4 | 15930.000 | 32.13 | 15.86 | 47.99 | 54.00 | -6.01 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT40 5310 MHz | | |
| Remark: | | | |



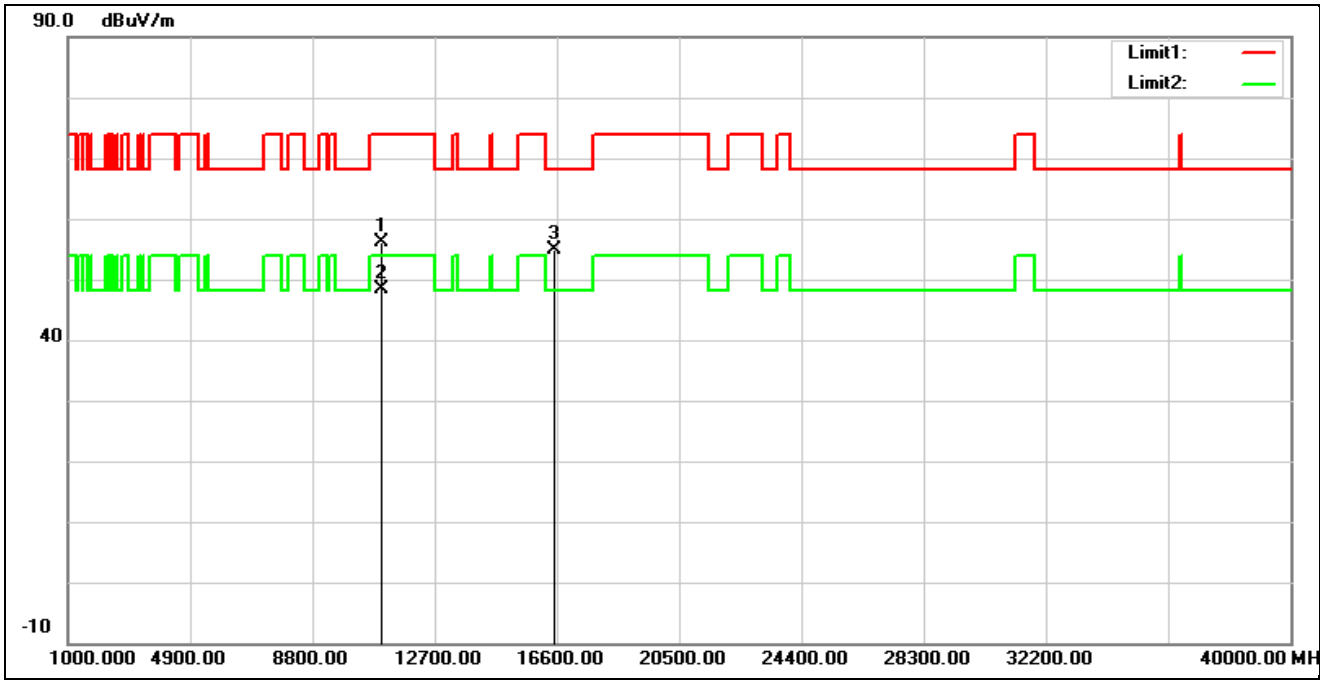

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 10620.000 | 44.33 | 14.26 | 58.59 | 74.00 | -15.41 | peak |
| 2* | 10620.000 | 35.48 | 14.26 | 49.74 | 54.00 | -4.26 | AVG |
| 3 | 15930.000 | 37.81 | 15.86 | 53.67 | 74.00 | -20.33 | peak |
| 4 | 15930.000 | 29.99 | 15.86 | 45.85 | 54.00 | -8.15 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT40 5510 MHz | | |
| Remark: | | | |



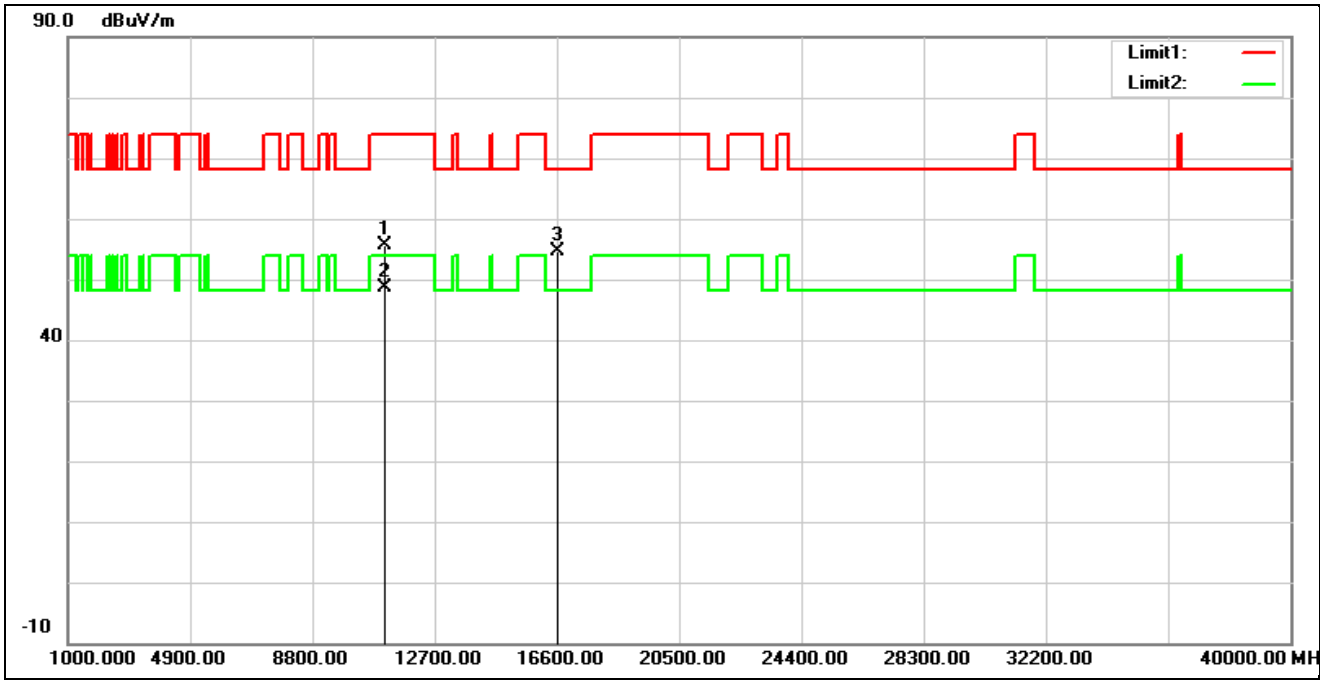

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11020.000 | 42.33 | 14.29 | 56.62 | 74.00 | -17.38 | peak |
| 2* | 11020.000 | 33.70 | 14.29 | 47.99 | 54.00 | -6.01 | AVG |
| 3 | 16530.000 | 35.93 | 17.05 | 52.98 | 68.20 | -15.22 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT40 5510 MHz | | |
| Remark: | | | |



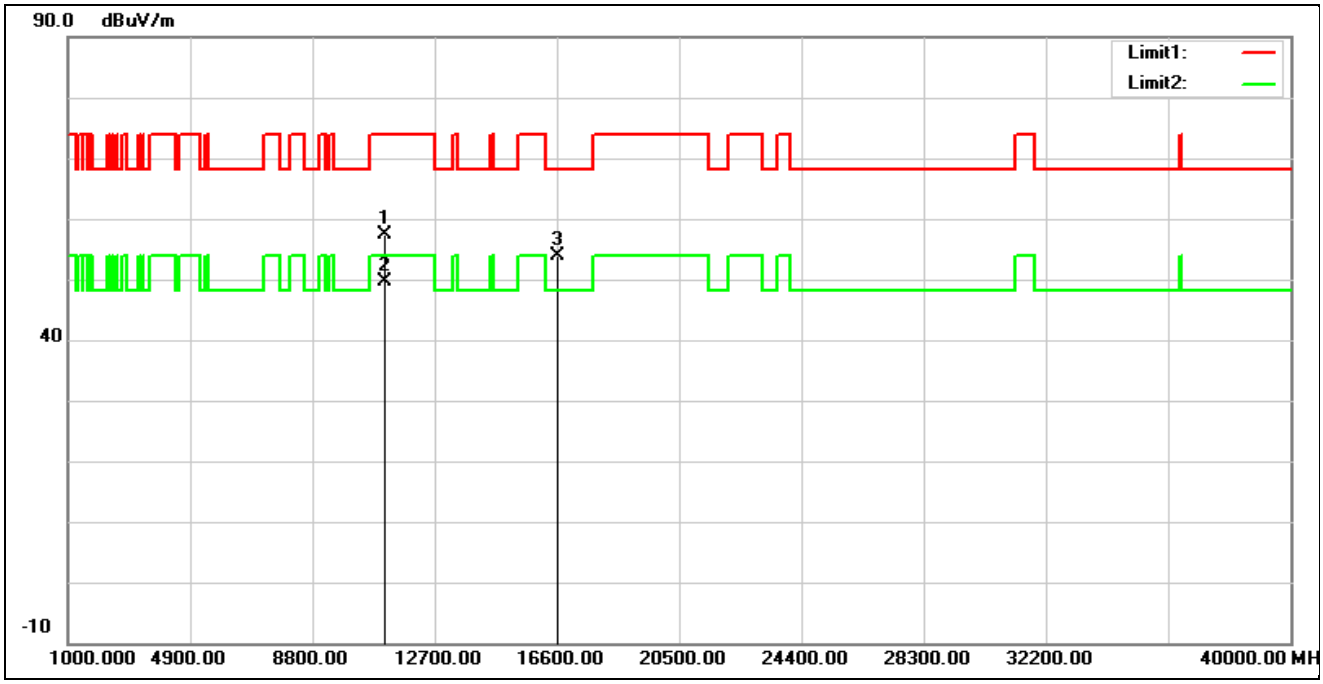

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11020.000 | 41.88 | 14.29 | 56.17 | 74.00 | -17.83 | peak |
| 2* | 11020.000 | 34.09 | 14.29 | 48.38 | 54.00 | -5.62 | AVG |
| 3 | 16530.000 | 37.84 | 17.05 | 54.89 | 68.20 | -13.31 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT40 5550 MHz | | |
| Remark: | | | |



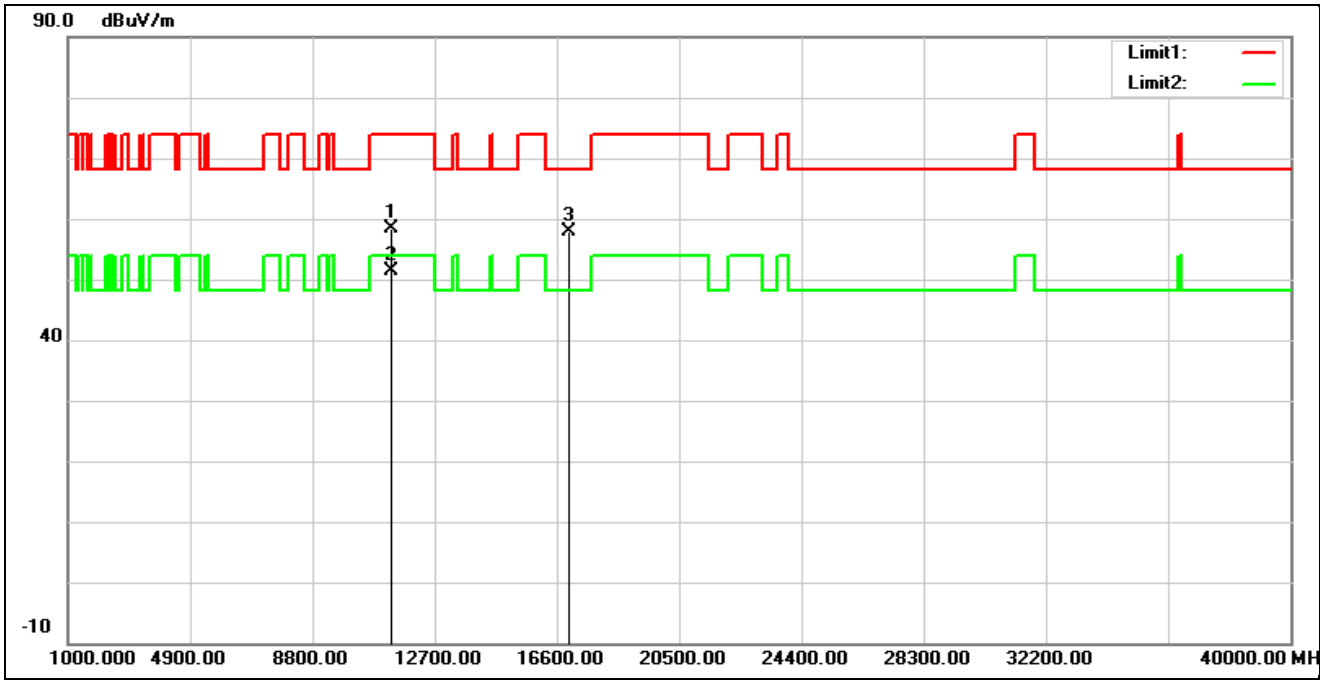

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11100.000 | 41.06 | 14.56 | 55.62 | 74.00 | -18.38 | peak |
| 2* | 11100.000 | 34.08 | 14.56 | 48.64 | 54.00 | -5.36 | AVG |
| 3 | 16650.000 | 36.94 | 17.78 | 54.72 | 68.20 | -13.48 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT40 5550 MHz | | |
| Remark: | | | |



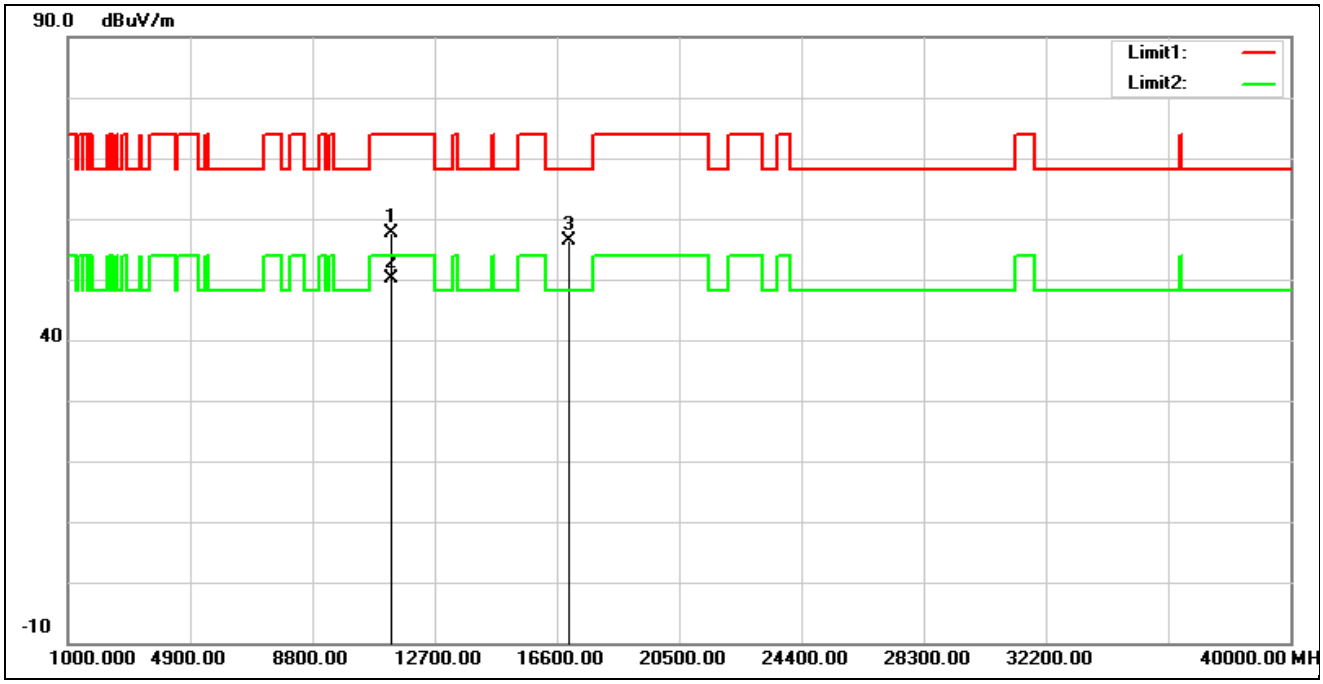

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11100.000 | 42.80 | 14.56 | 57.36 | 74.00 | -16.64 | peak |
| 2* | 11100.000 | 35.12 | 14.56 | 49.68 | 54.00 | -4.32 | AVG |
| 3 | 16650.000 | 36.01 | 17.78 | 53.79 | 68.20 | -14.41 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT40 5670 MHz | | |
| Remark: | | | |



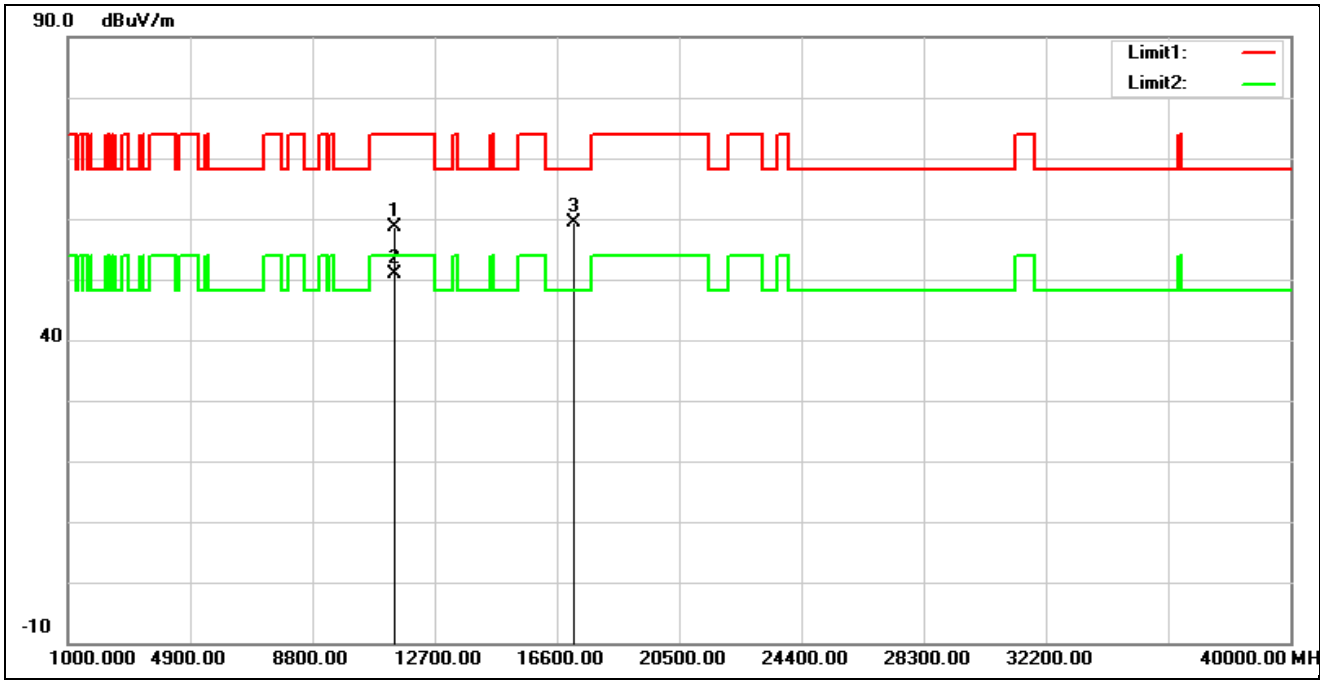

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11340.000 | 44.01 | 14.36 | 58.37 | 74.00 | -15.63 | peak |
| 2* | 11340.000 | 36.95 | 14.36 | 51.31 | 54.00 | -2.69 | AVG |
| 3 | 17010.000 | 37.89 | 19.92 | 57.81 | 68.20 | -10.39 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT40 5670 MHz | | |
| Remark: | | | |



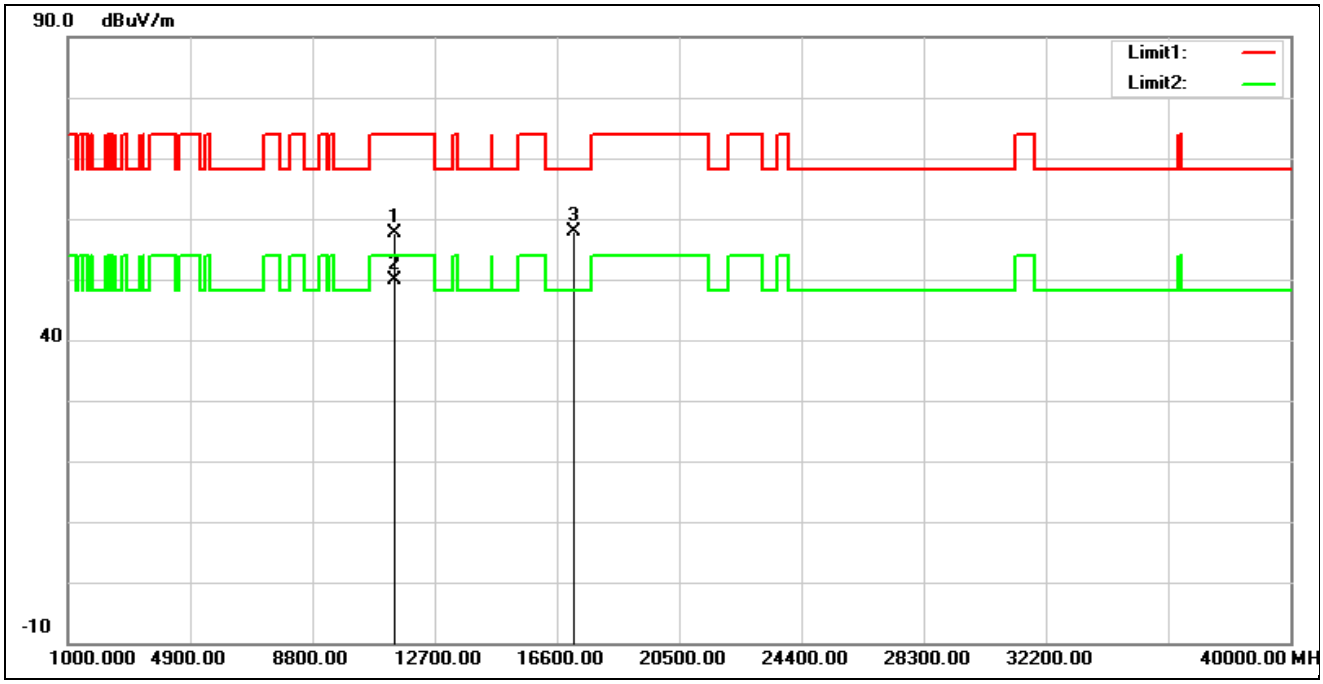

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11340.000 | 43.31 | 14.36 | 57.67 | 74.00 | -16.33 | peak |
| 2* | 11340.000 | 35.65 | 14.36 | 50.01 | 54.00 | -3.99 | AVG |
| 3 | 17010.000 | 36.34 | 19.92 | 56.26 | 68.20 | -11.94 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT40 5710 MHz | | |
| Remark: | | | |



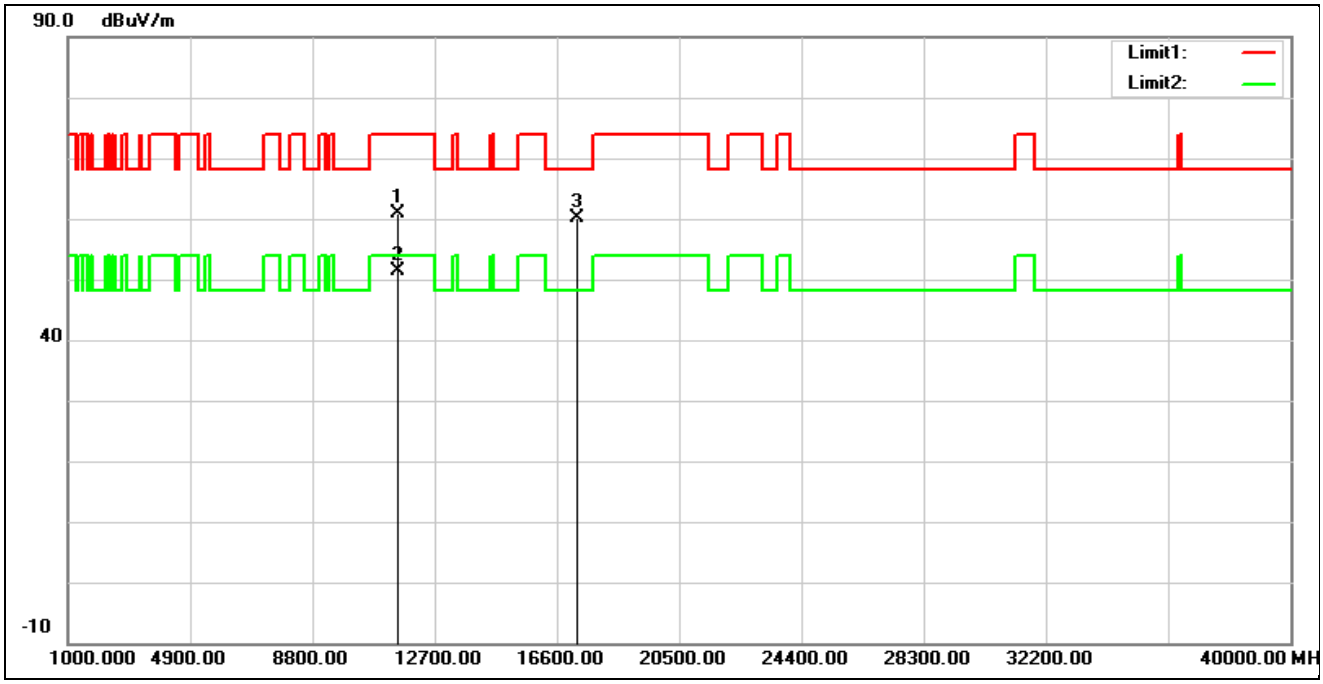

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11420.000 | 44.12 | 14.41 | 58.53 | 74.00 | -15.47 | peak |
| 2* | 11420.000 | 36.41 | 14.41 | 50.82 | 54.00 | -3.18 | AVG |
| 3 | 17130.000 | 38.41 | 20.89 | 59.30 | 68.20 | -8.90 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT40 5710 MHz | | |
| Remark: | | | |



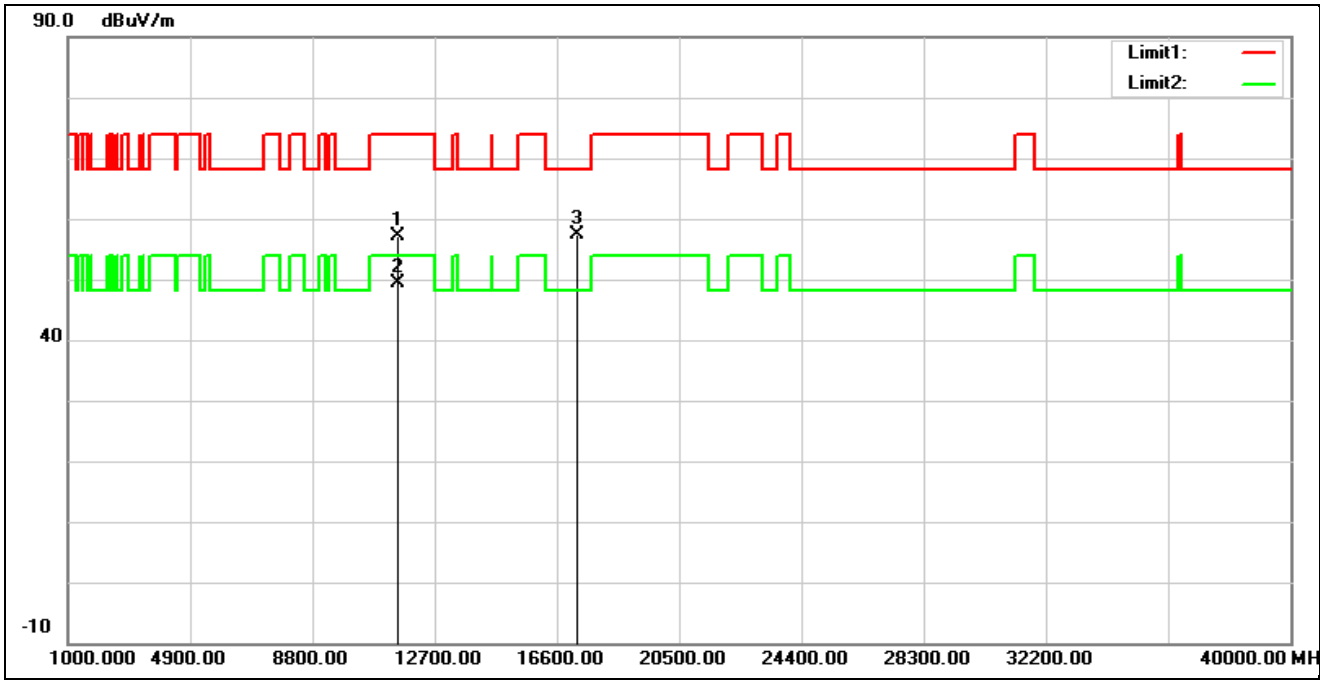

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11420.000 | 43.12 | 14.41 | 57.53 | 74.00 | -16.47 | peak |
| 2* | 11420.000 | 35.56 | 14.41 | 49.97 | 54.00 | -4.03 | AVG |
| 3 | 17130.000 | 36.90 | 20.89 | 57.79 | 68.20 | -10.41 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT40 5755 MHz | | |
| Remark: | | | |



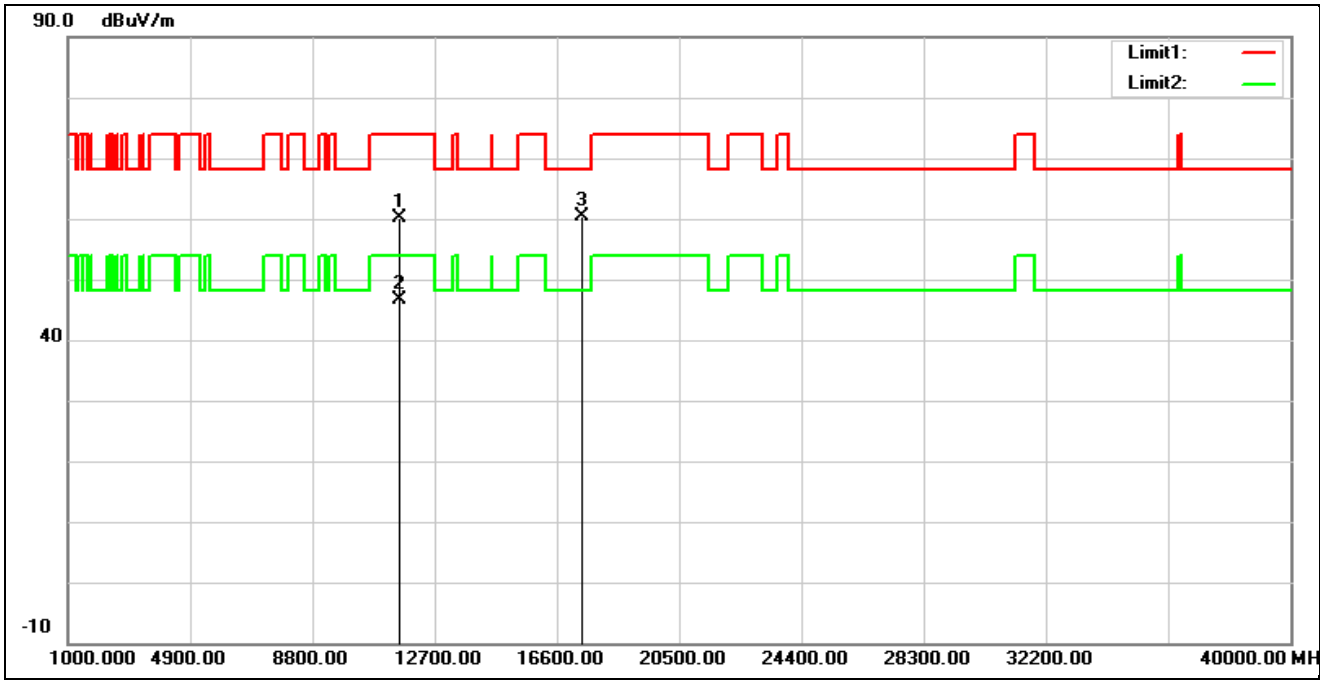

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11510.000 | 45.88 | 14.94 | 60.82 | 74.00 | -13.18 | peak |
| 2* | 11510.000 | 36.43 | 14.94 | 51.37 | 54.00 | -2.63 | AVG |
| 3 | 17265.000 | 38.22 | 21.98 | 60.20 | 68.20 | -8.00 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT40 5755 MHz | | |
| Remark: | | | |



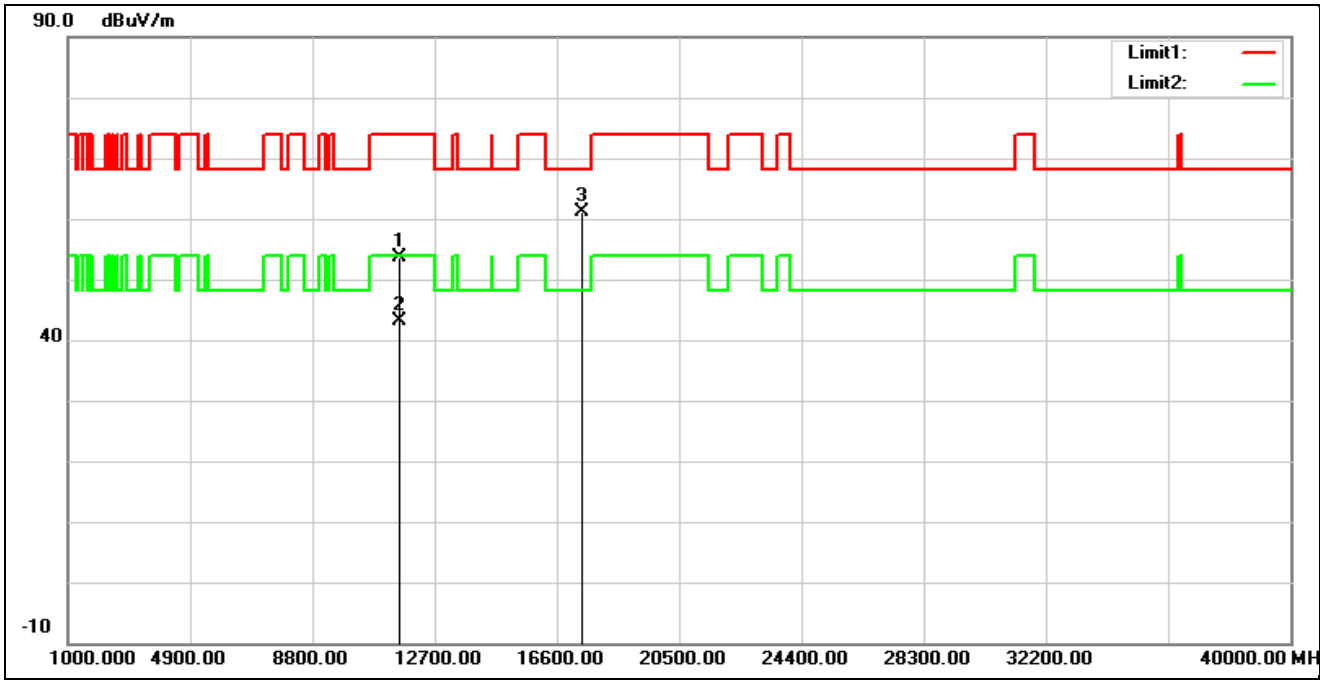

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11510.000 | 42.12 | 14.94 | 57.06 | 74.00 | -16.94 | peak |
| 2* | 11510.000 | 34.45 | 14.94 | 49.39 | 54.00 | -4.61 | AVG |
| 3 | 17265.000 | 35.47 | 21.98 | 57.45 | 68.20 | -10.75 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT40 5795 MHz | | |
| Remark: | | | |



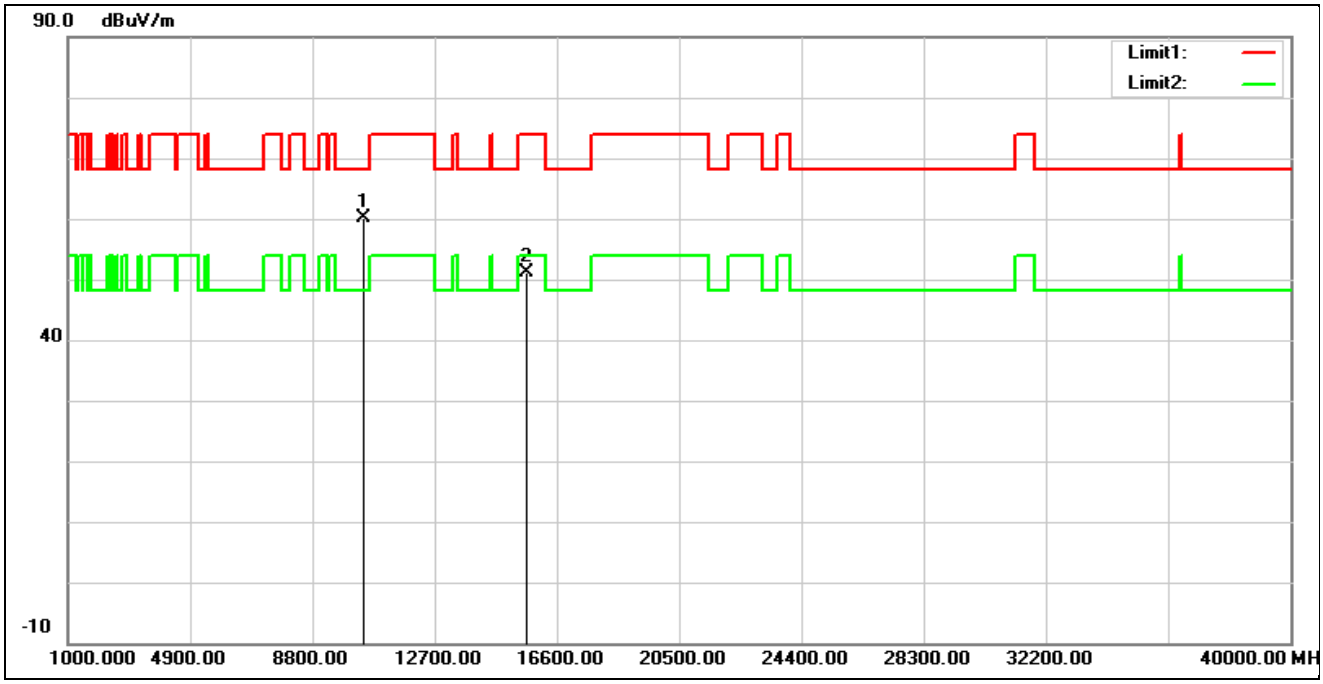

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11590.000 | 45.62 | 14.49 | 60.11 | 74.00 | -13.89 | peak |
| 2* | 11590.000 | 32.11 | 14.49 | 46.60 | 54.00 | -7.40 | AVG |
| 3 | 17385.000 | 37.54 | 22.80 | 60.34 | 68.20 | -7.86 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT40 5795 MHz | | |
| Remark: | | | |



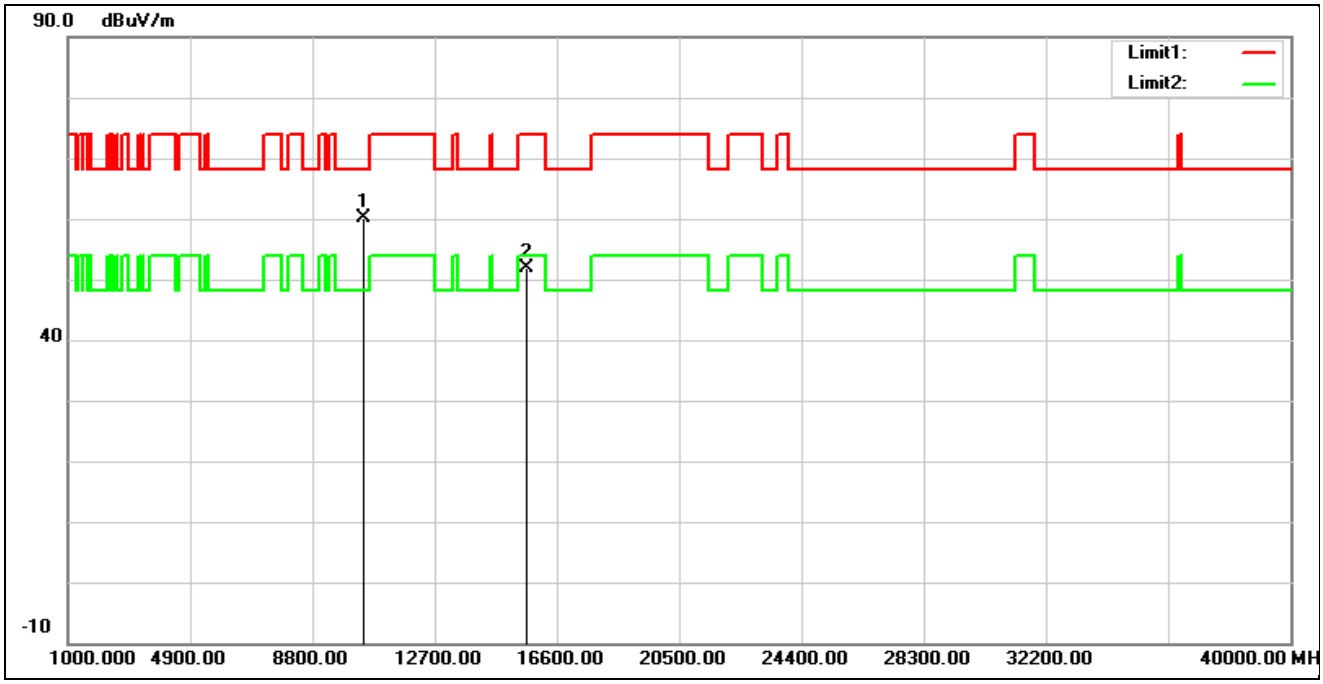

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11590.000 | 39.13 | 14.49 | 53.62 | 74.00 | -20.38 | peak |
| 2 | 11590.000 | 28.69 | 14.49 | 43.18 | 54.00 | -10.82 | AVG |
| 3* | 17385.000 | 38.33 | 22.80 | 61.13 | 68.20 | -7.07 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT80 5210 MHz | | |
| Remark: | | | |



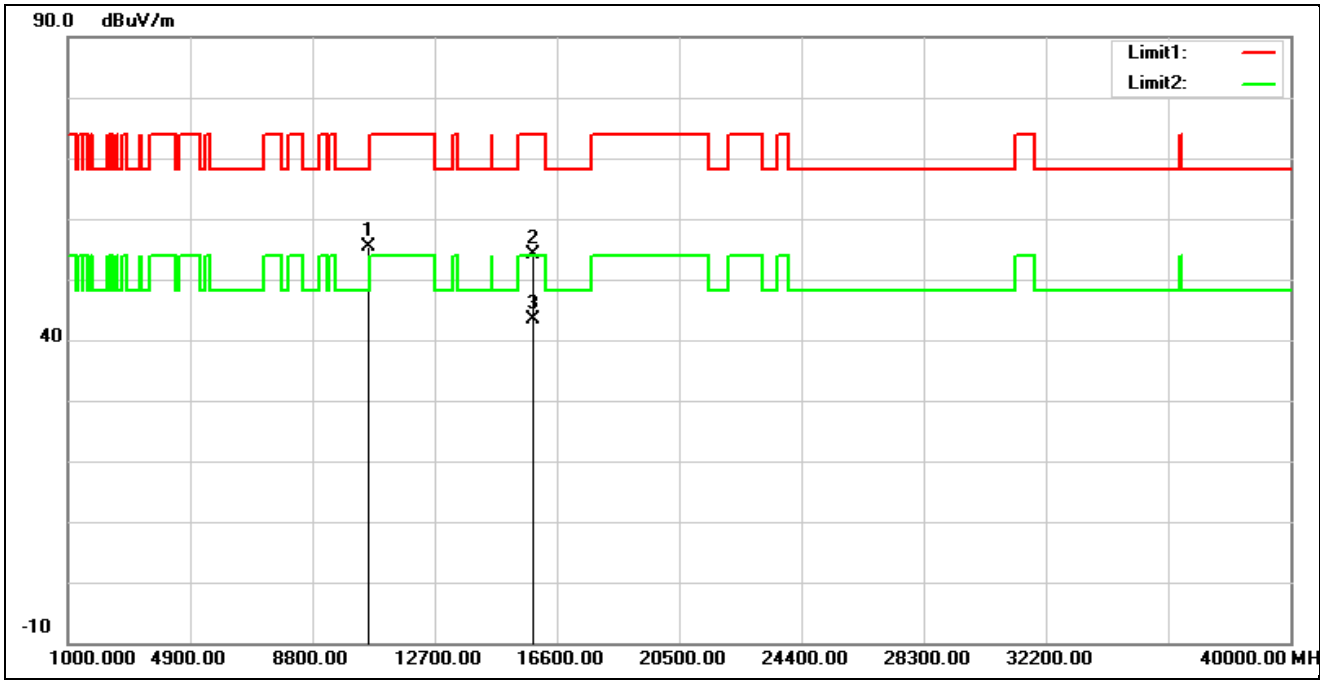

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10420.000 | 45.91 | 14.10 | 60.01 | 68.20 | -8.19 | peak |
| 2 | 15630.000 | 34.53 | 16.52 | 51.05 | 74.00 | -22.95 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT80 5210 MHz | | |
| Remark: | | | |



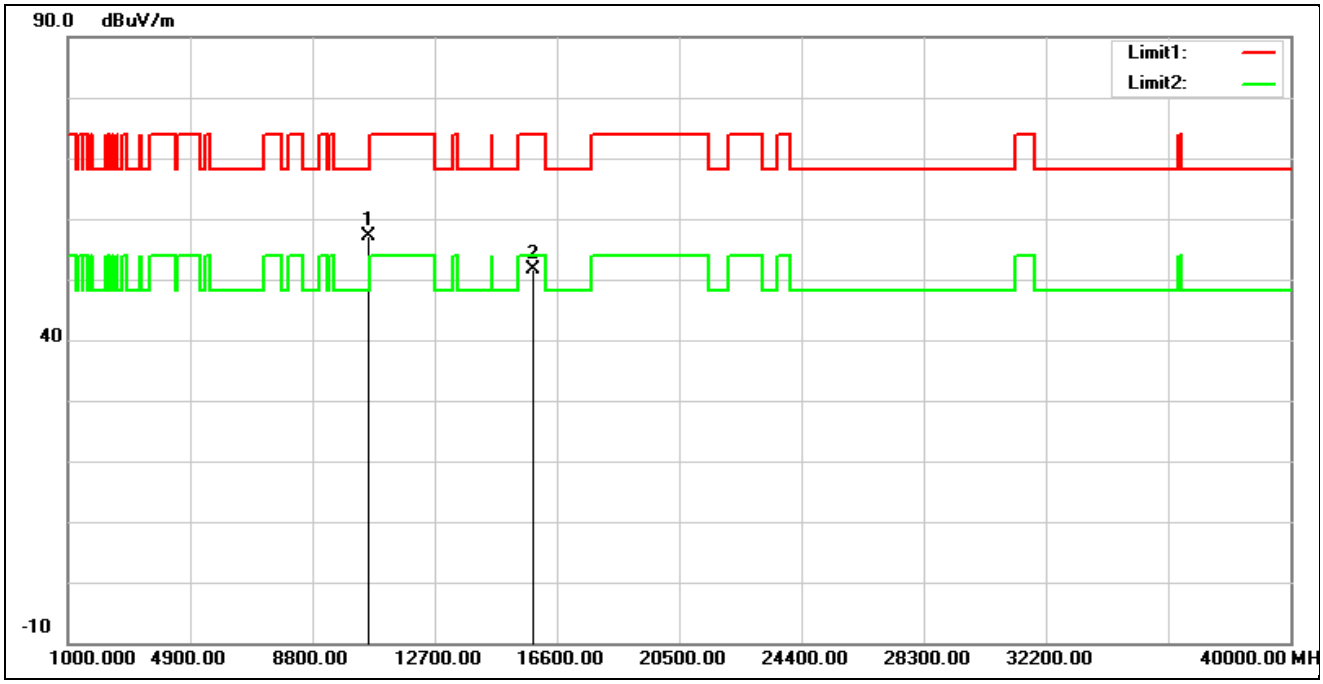

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10420.000 | 46.12 | 14.10 | 60.22 | 68.20 | -7.98 | peak |
| 2 | 15630.000 | 35.25 | 16.52 | 51.77 | 74.00 | -22.23 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT80 5290 MHz | | |
| Remark: | | | |



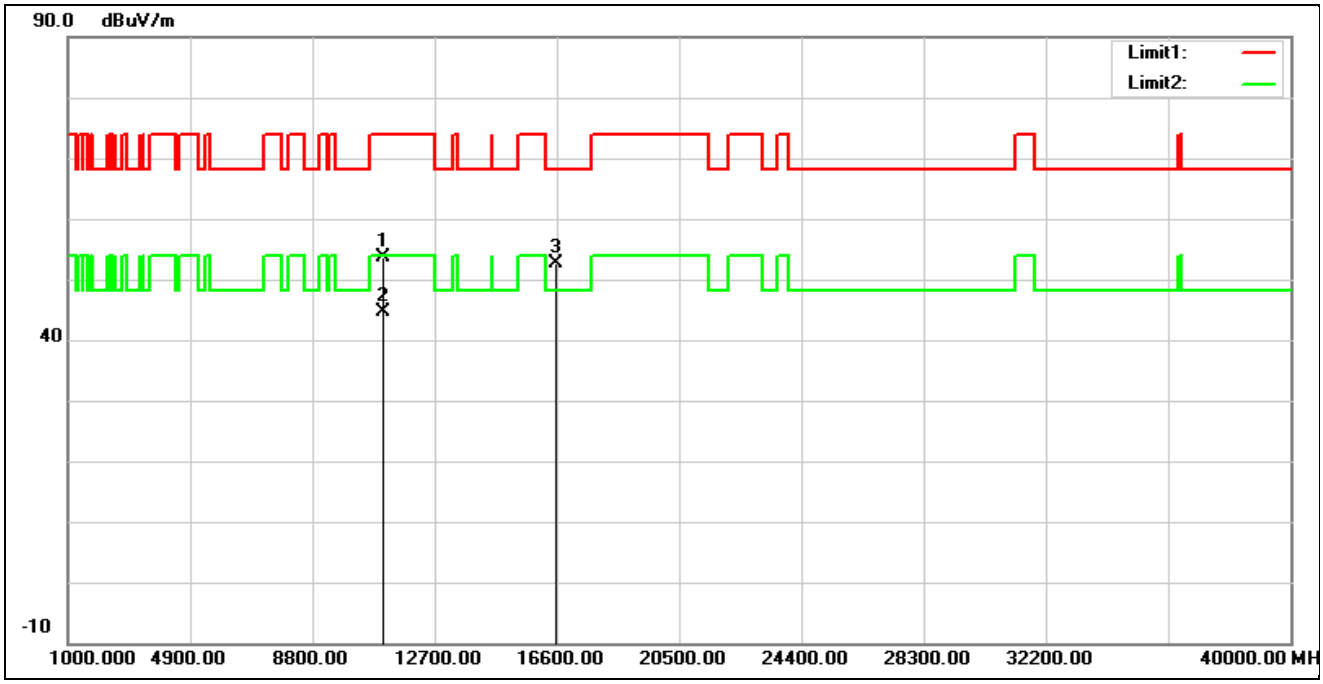

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 10580.000 | 41.14 | 14.32 | 55.46 | 68.20 | -12.74 | peak |
| 2 | 15870.000 | 38.13 | 16.06 | 54.19 | 74.00 | -19.81 | peak |
| 3* | 15870.000 | 27.40 | 16.06 | 43.46 | 54.00 | -10.54 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT80 5290 MHz | | |
| Remark: | | | |



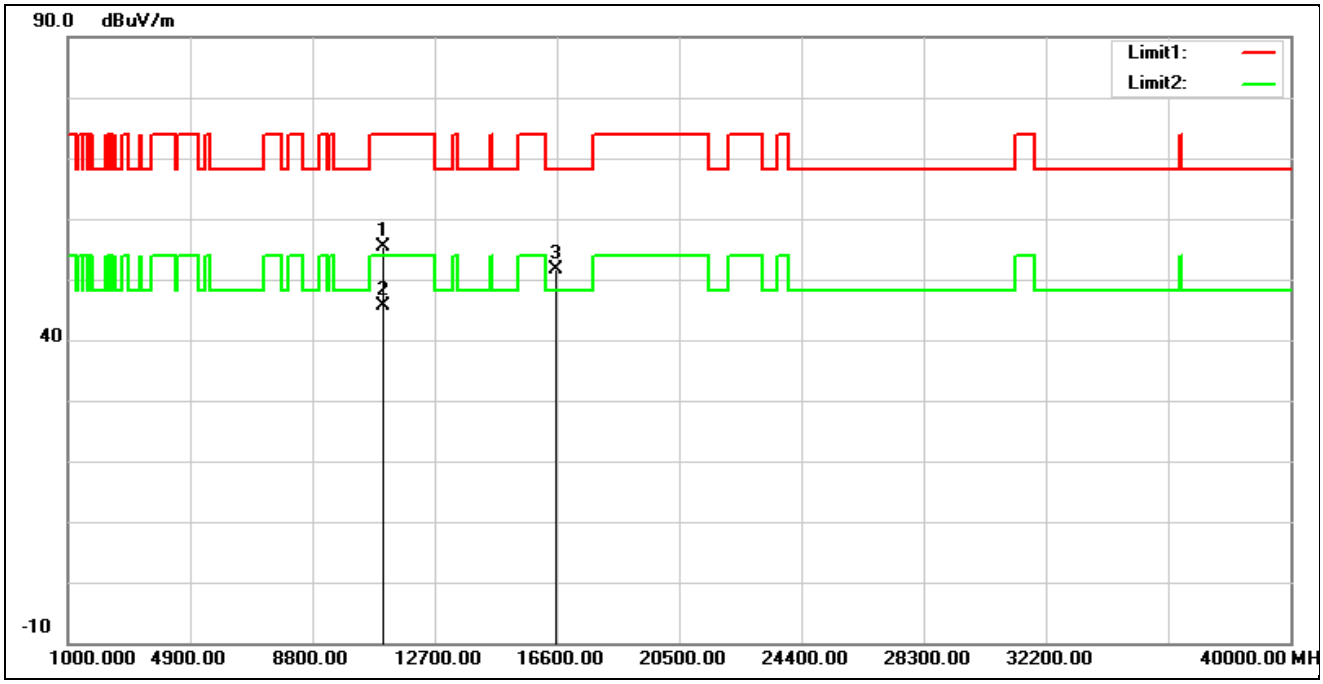

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 10580.000 | 42.73 | 14.32 | 57.05 | 68.20 | -11.15 | peak |
| 2 | 15870.000 | 35.53 | 16.06 | 51.59 | 74.00 | -22.41 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT80 5530 MHz | | |
| Remark: | | | |



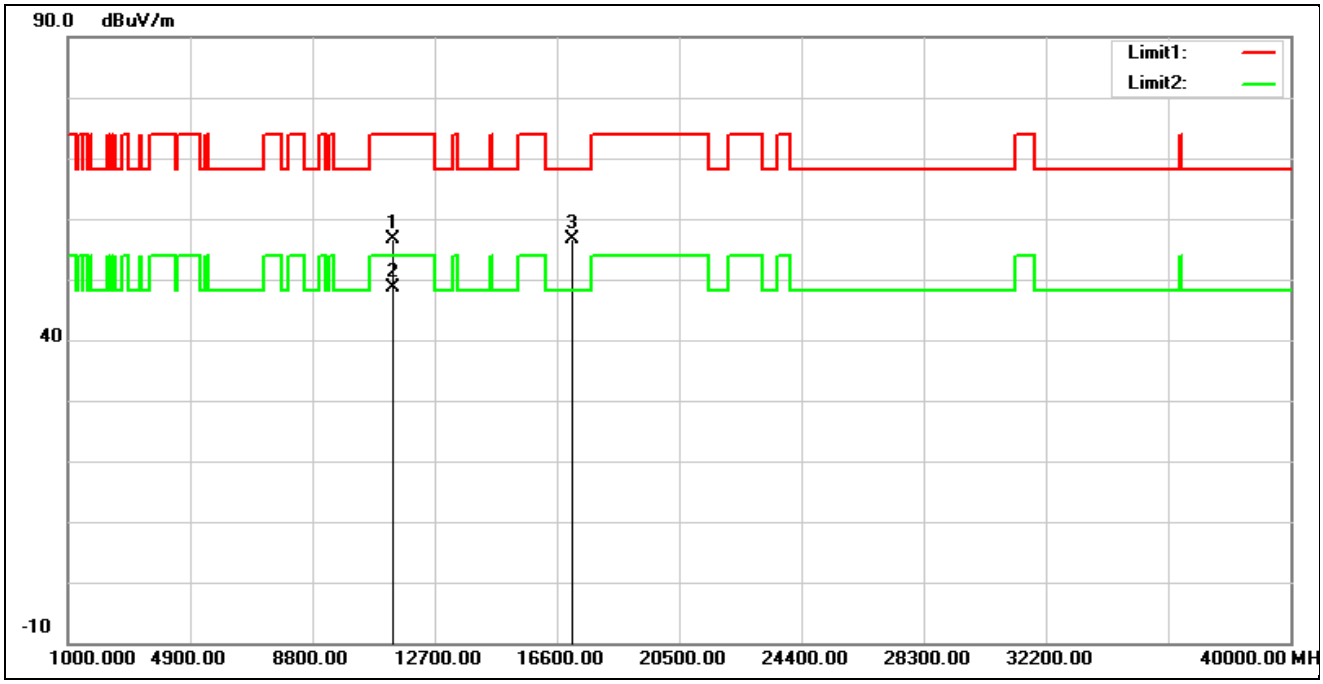

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11060.000 | 39.21 | 14.42 | 53.63 | 74.00 | -20.37 | peak |
| 2* | 11060.000 | 30.19 | 14.42 | 44.61 | 54.00 | -9.39 | AVG |
| 3 | 16590.000 | 35.17 | 17.39 | 52.56 | 68.20 | -15.64 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT80 5530 MHz | | |
| Remark: | | | |



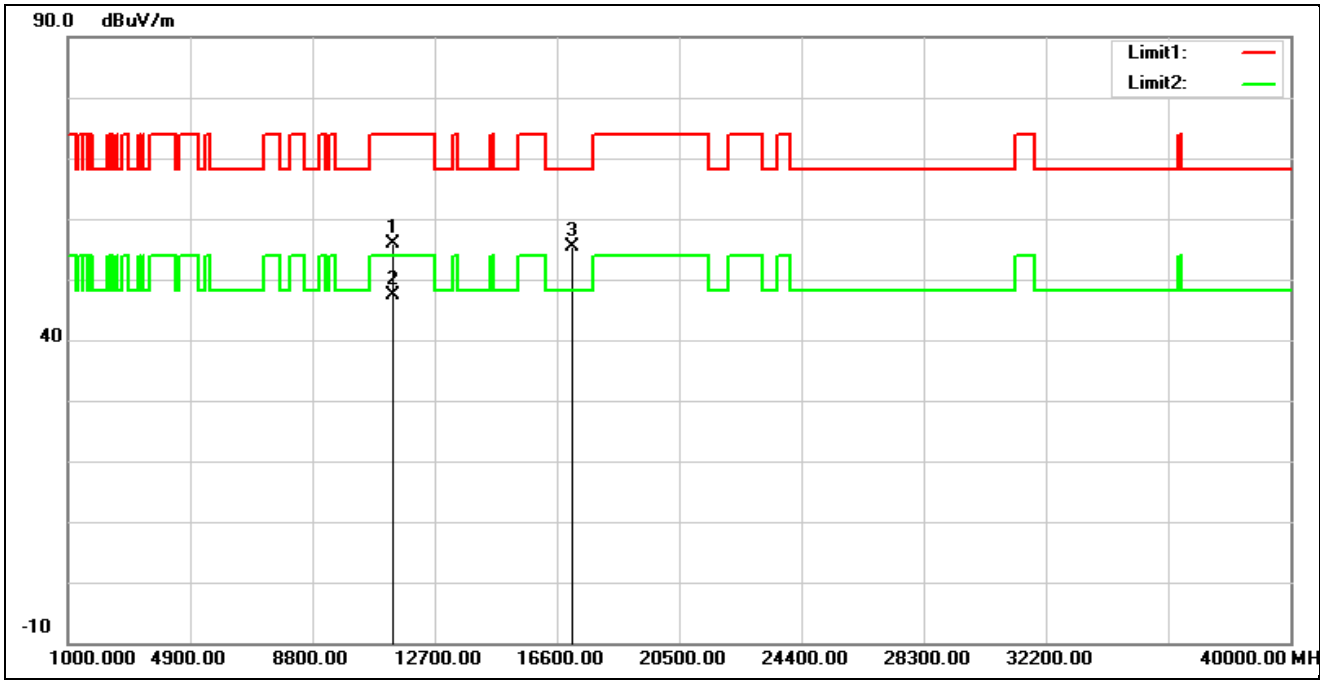

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11060.000 | 41.03 | 14.42 | 55.45 | 74.00 | -18.55 | peak |
| 2* | 11060.000 | 31.29 | 14.42 | 45.71 | 54.00 | -8.29 | AVG |
| 3 | 16590.000 | 34.33 | 17.39 | 51.72 | 68.20 | -16.48 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT80 5690 MHz | | |
| Remark: | | | |



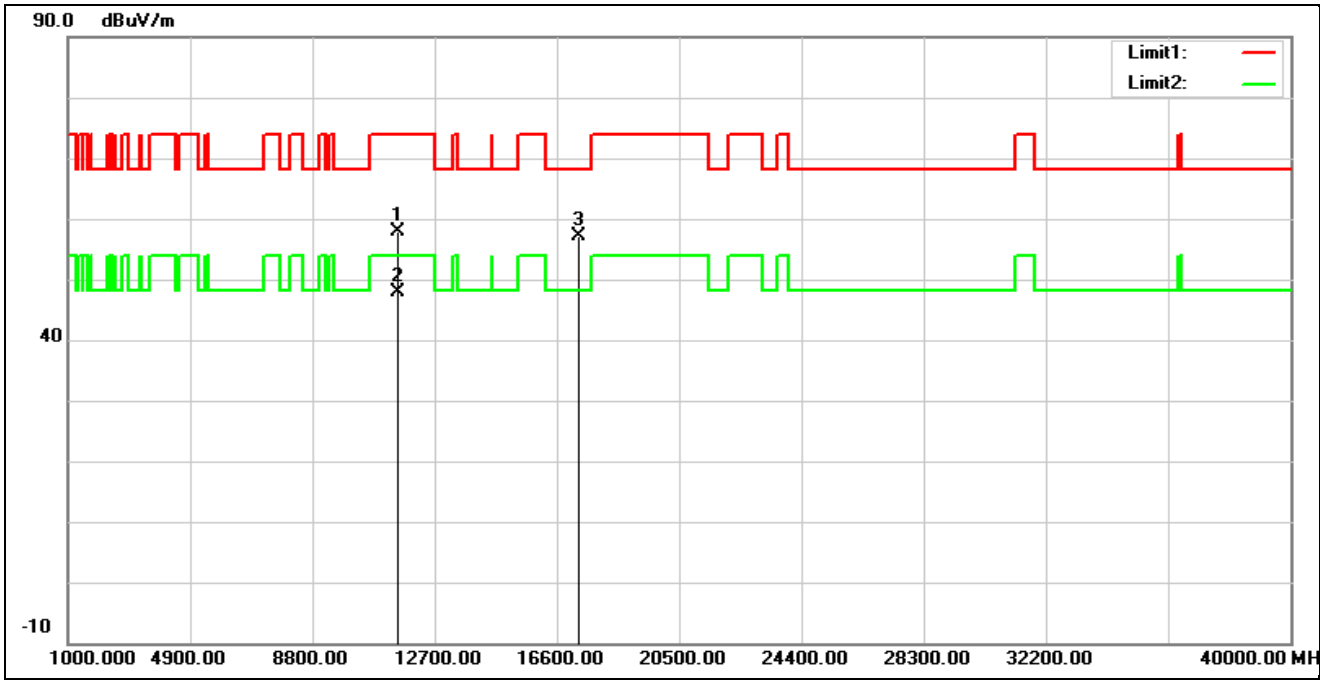

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11380.000 | 42.46 | 14.29 | 56.75 | 74.00 | -17.25 | peak |
| 2* | 11380.000 | 34.24 | 14.29 | 48.53 | 54.00 | -5.47 | AVG |
| 3 | 17070.000 | 36.29 | 20.43 | 56.72 | 68.20 | -11.48 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT80 5690 MHz | | |
| Remark: | | | |



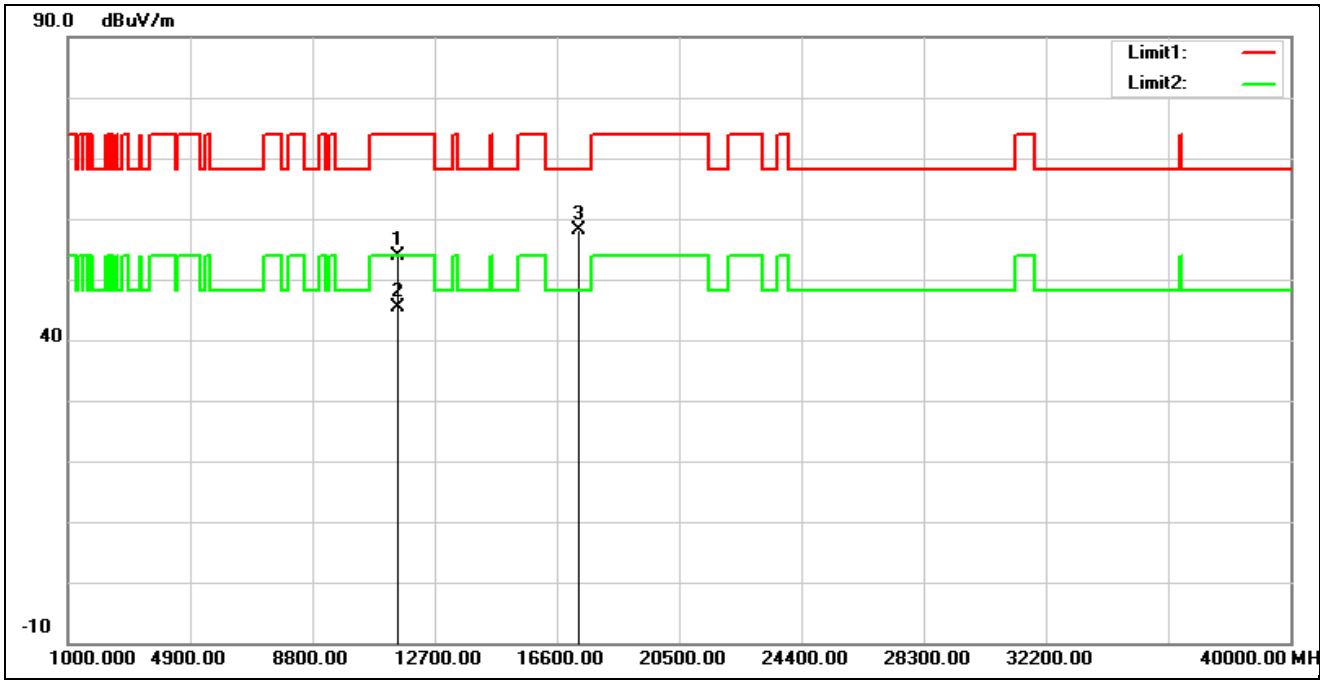

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11380.000 | 41.61 | 14.29 | 55.90 | 74.00 | -18.10 | peak |
| 2* | 11380.000 | 33.11 | 14.29 | 47.40 | 54.00 | -6.60 | AVG |
| 3 | 17070.000 | 34.84 | 20.43 | 55.27 | 68.20 | -12.93 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT80 5775 MHz | | |
| Remark: | | | |



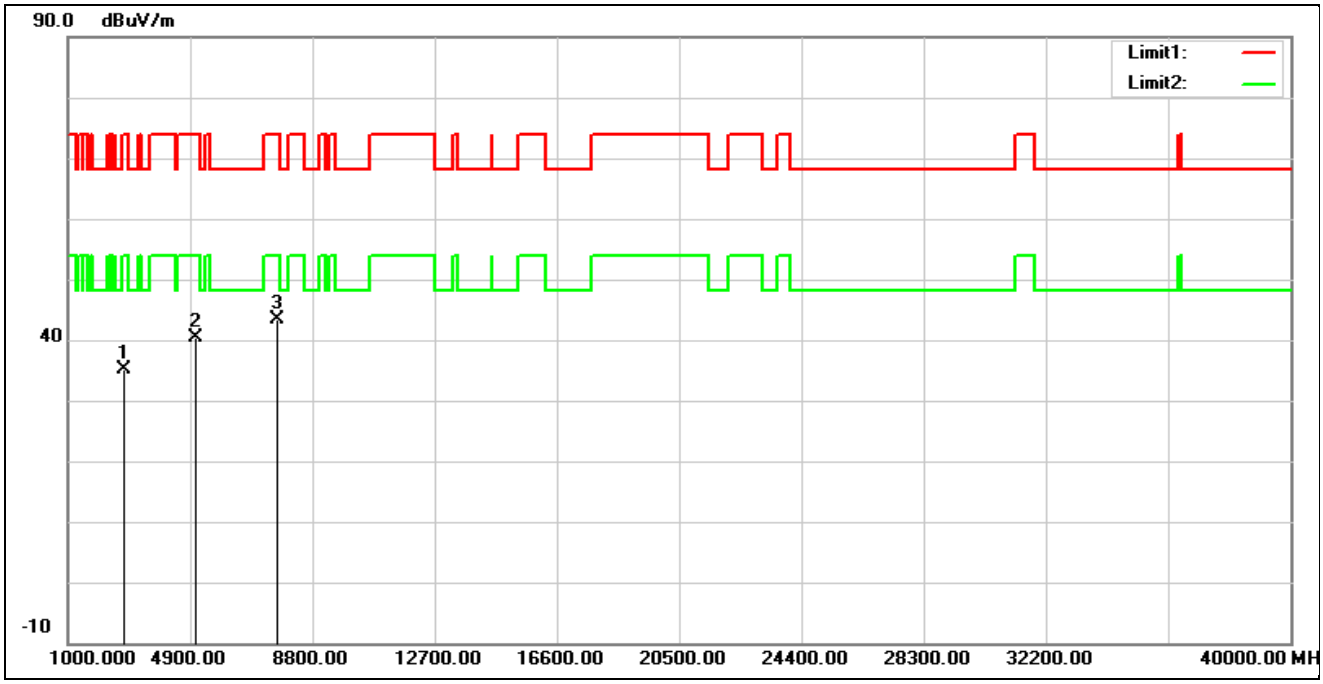

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11550.000 | 43.20 | 14.71 | 57.91 | 74.00 | -16.09 | peak |
| 2* | 11550.000 | 33.06 | 14.71 | 47.77 | 54.00 | -6.23 | AVG |
| 3 | 17325.000 | 34.70 | 22.46 | 57.16 | 68.20 | -11.04 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT80 5775 MHz | | |
| Remark: | | | |



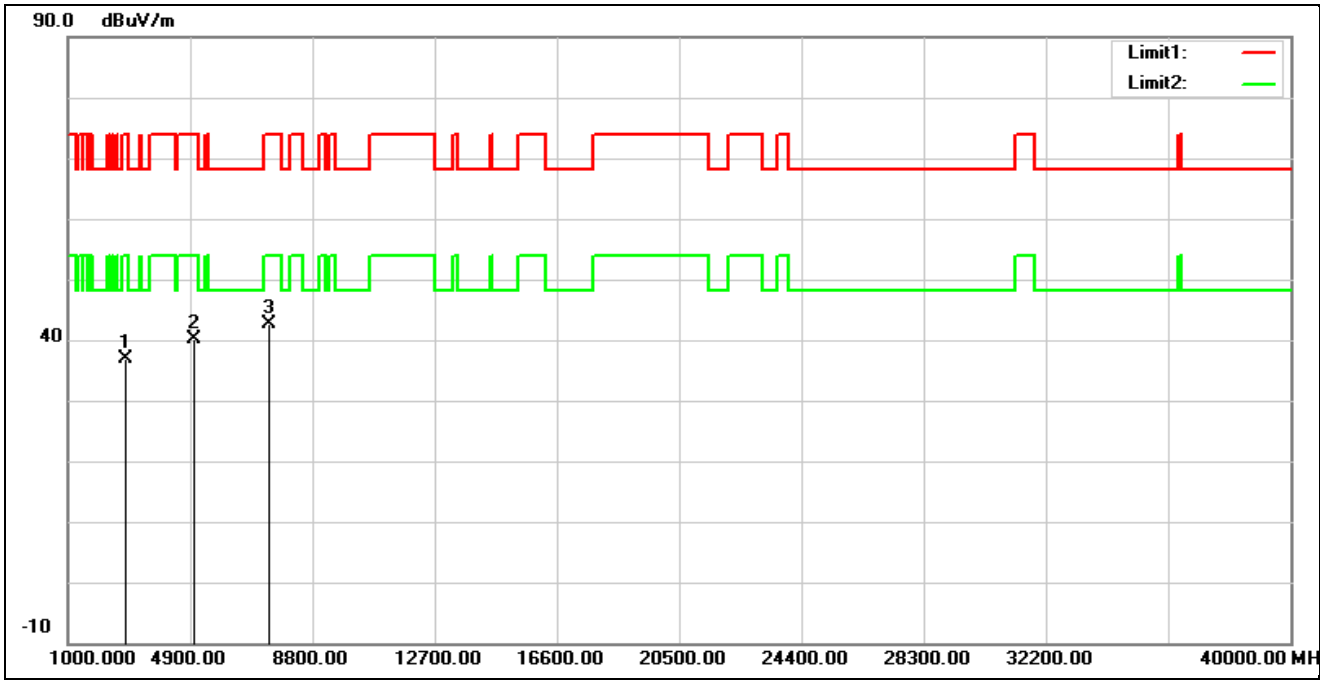

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 11550.000 | 39.11 | 14.71 | 53.82 | 74.00 | -20.18 | peak |
| 2* | 11550.000 | 30.62 | 14.71 | 45.33 | 54.00 | -8.67 | AVG |
| 3 | 17325.000 | 35.64 | 22.46 | 58.10 | 68.20 | -10.10 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | Simultaneous Transmitting (WLAN 5 GHz + Bluetooth) | | |
| Remark: | | | |



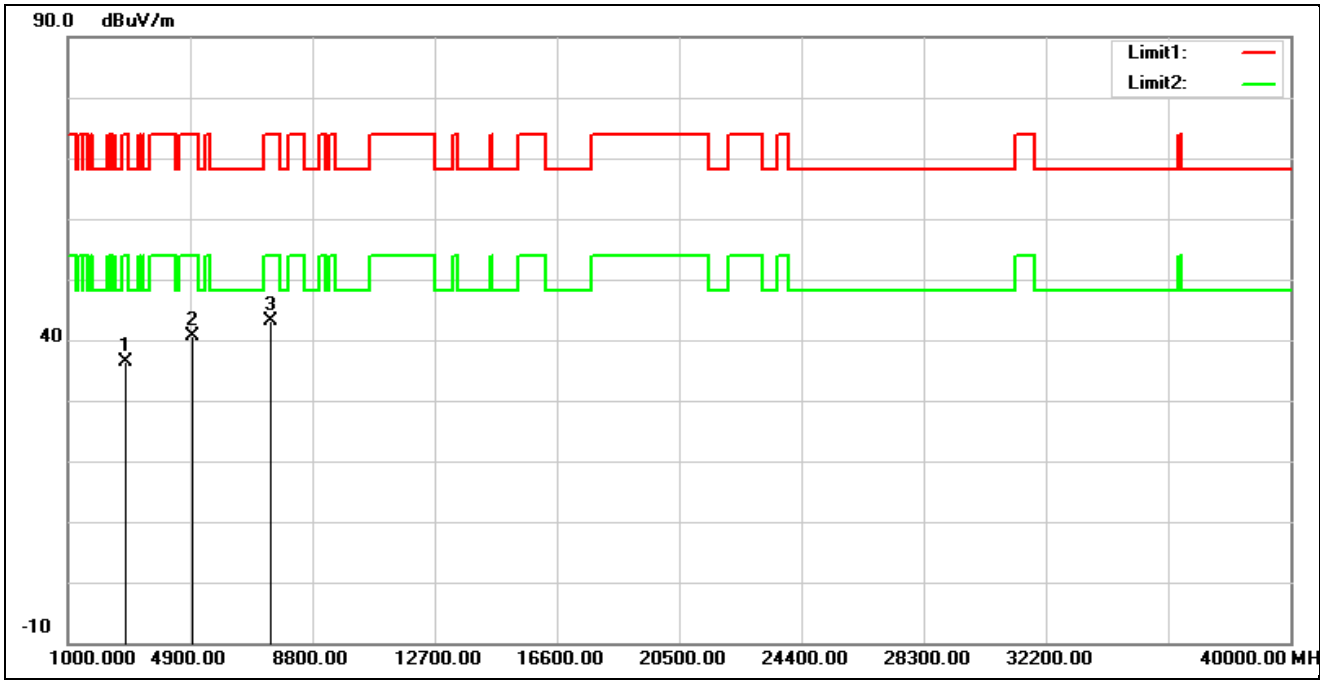

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2785.000 | 40.76 | -5.66 | 35.10 | 74.00 | -38.90 | peak |
| 2 | 5029.000 | 39.61 | 0.68 | 40.29 | 74.00 | -33.71 | peak |
| 3* | 7647.000 | 37.09 | 6.40 | 43.49 | 74.00 | -30.51 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.247 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | Simultaneous Transmitting (WLAN 5 GHz + Bluetooth) | | |
| Remark: | | | |



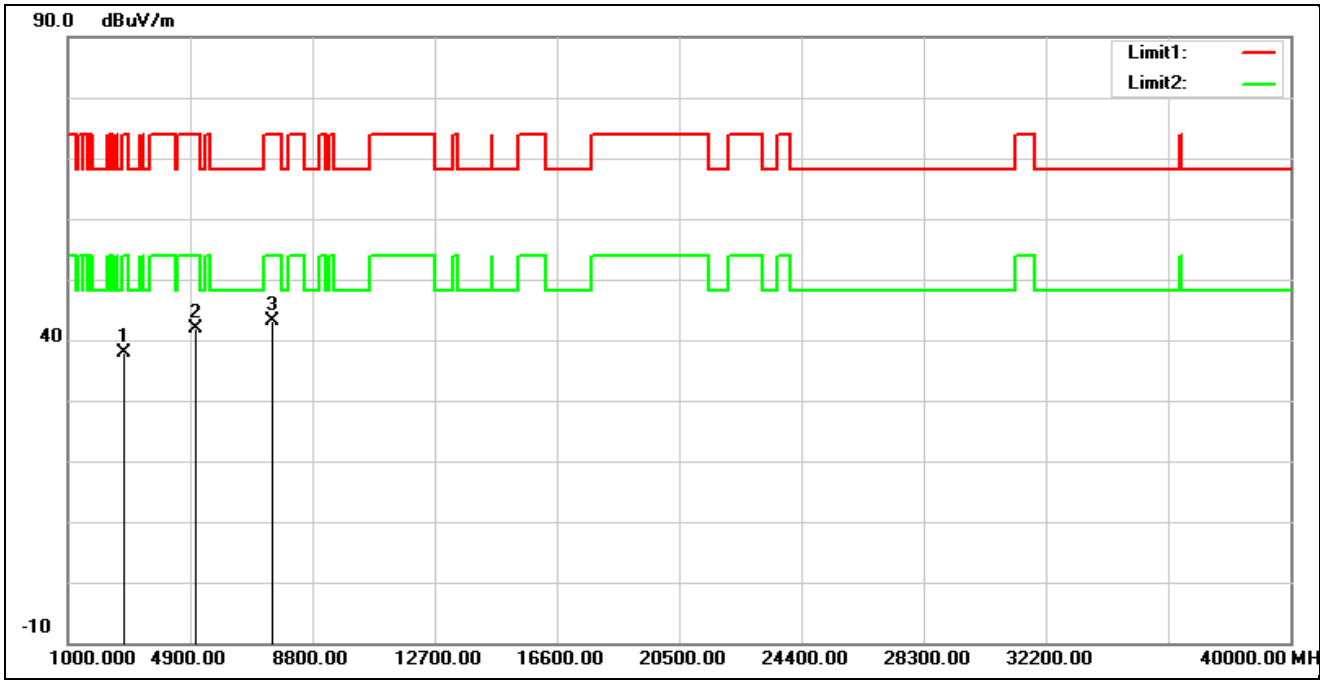

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2802.000 | 42.48 | -5.64 | 36.84 | 74.00 | -37.16 | peak |
| 2 | 5046.000 | 39.35 | 0.82 | 40.17 | 74.00 | -33.83 | peak |
| 3* | 7409.000 | 36.35 | 6.39 | 42.74 | 74.00 | -31.26 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.247 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | Simultaneous Transmitting (WLAN 2.4 GHz + 5 GHz) | | |
| Remark: | | | |




| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2819.000 | 41.84 | -5.58 | 36.26 | 74.00 | -37.74 | peak |
| 2 | 4961.000 | 40.48 | 0.22 | 40.70 | 74.00 | -33.30 | peak |
| 3* | 7443.000 | 36.72 | 6.40 | 43.12 | 74.00 | -30.88 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.247 / RSS-Gen | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | Simultaneous Transmitting (WLAN 2.4 GHz + 5 GHz) | | |
| Remark: | | | |

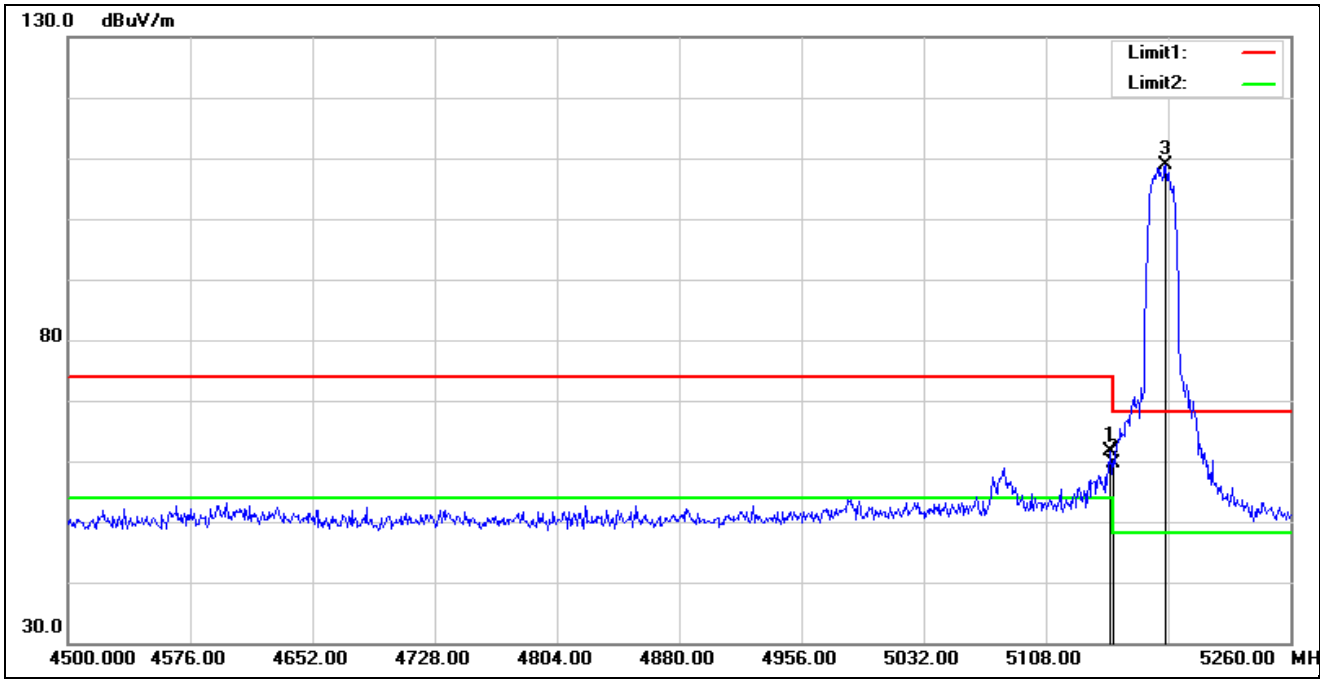



| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 2785.000 | 43.57 | -5.66 | 37.91 | 74.00 | -36.09 | peak |
| 2 | 5046.000 | 41.05 | 0.82 | 41.87 | 74.00 | -32.13 | peak |
| 3* | 7511.000 | 36.81 | 6.25 | 43.06 | 74.00 | -30.94 | peak |

Band Edge

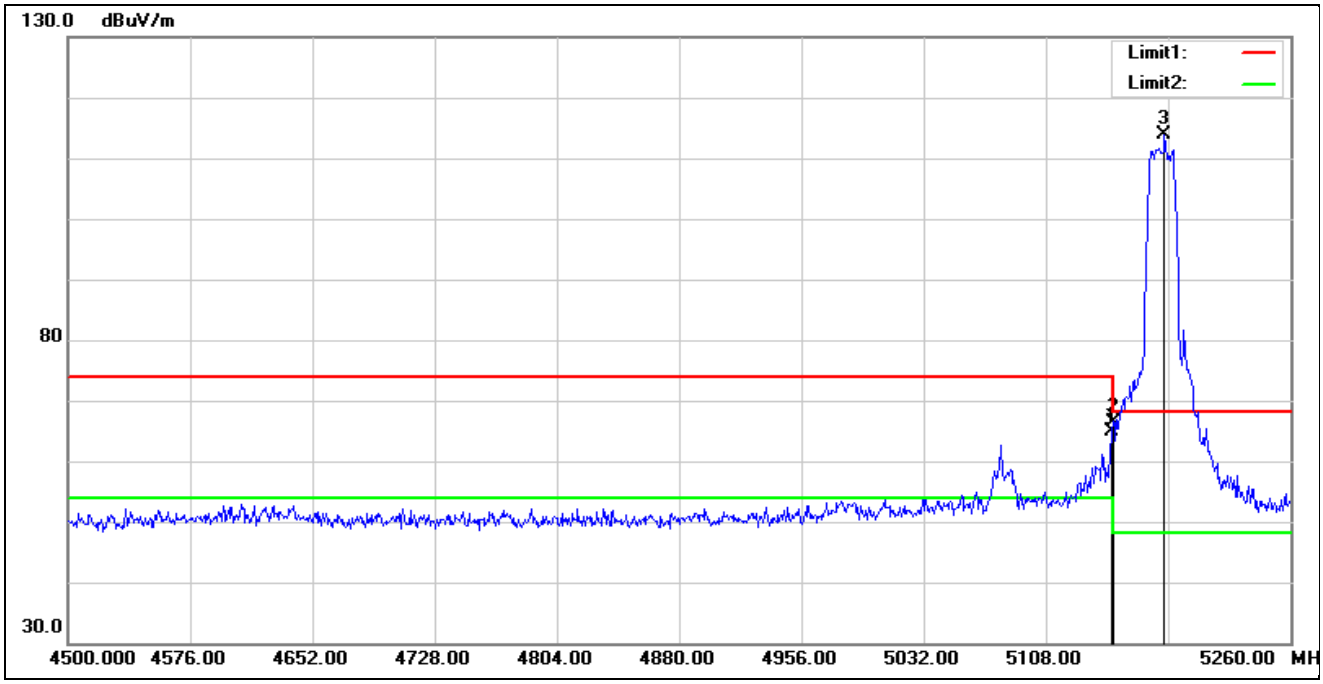
| Peak |
|---|

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5180 MHz | | |
| Remark: | | | |



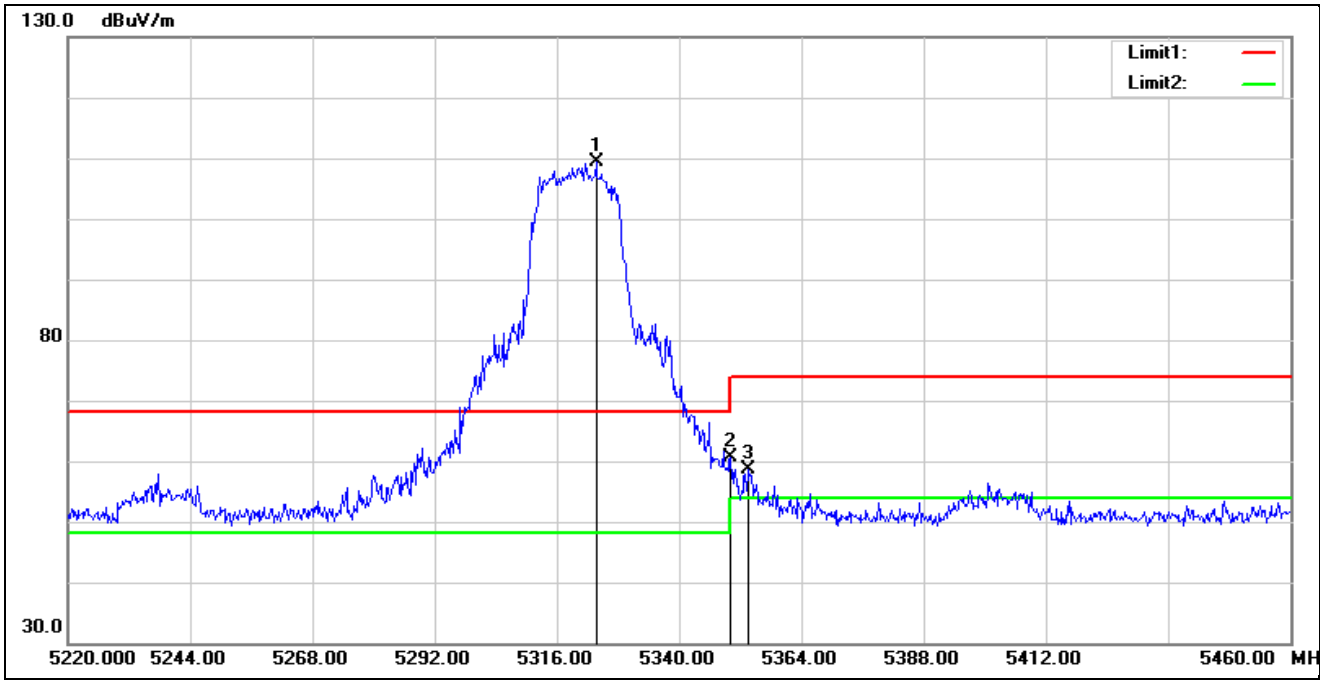

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5148.280 | 60.52 | 1.13 | 61.65 | 74.00 | -12.35 | peak |
| 2 | 5150.000 | 58.49 | 1.13 | 59.62 | 74.00 | -14.38 | peak |
| 3* | 5182.480 | 107.85 | 0.93 | 108.78 | 68.20 | 40.58 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5180 MHz | | |
| Remark: | | | |



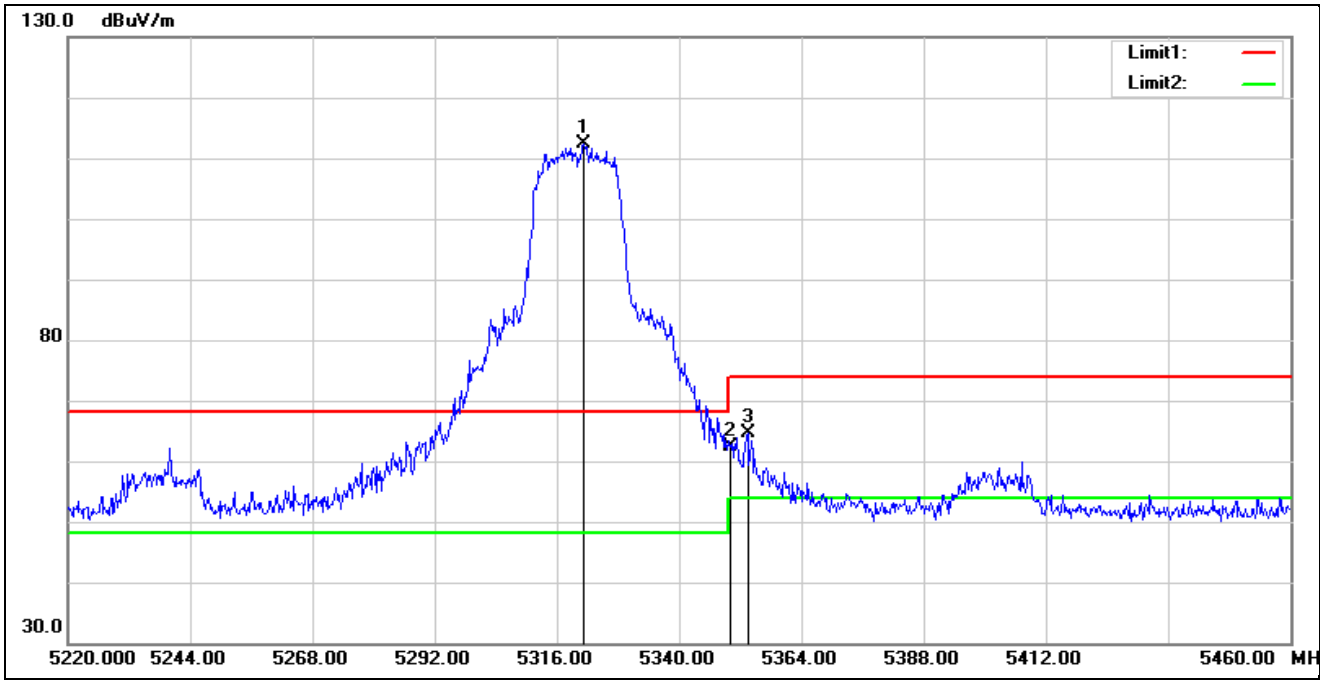

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5149.040 | 63.76 | 1.13 | 64.89 | 74.00 | -9.11 | peak |
| 2 | 5150.000 | 65.34 | 1.13 | 66.47 | 74.00 | -7.53 | peak |
| 3* | 5181.720 | 112.88 | 0.94 | 113.82 | 68.20 | 45.62 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5320 MHz | | |
| Remark: | | | |



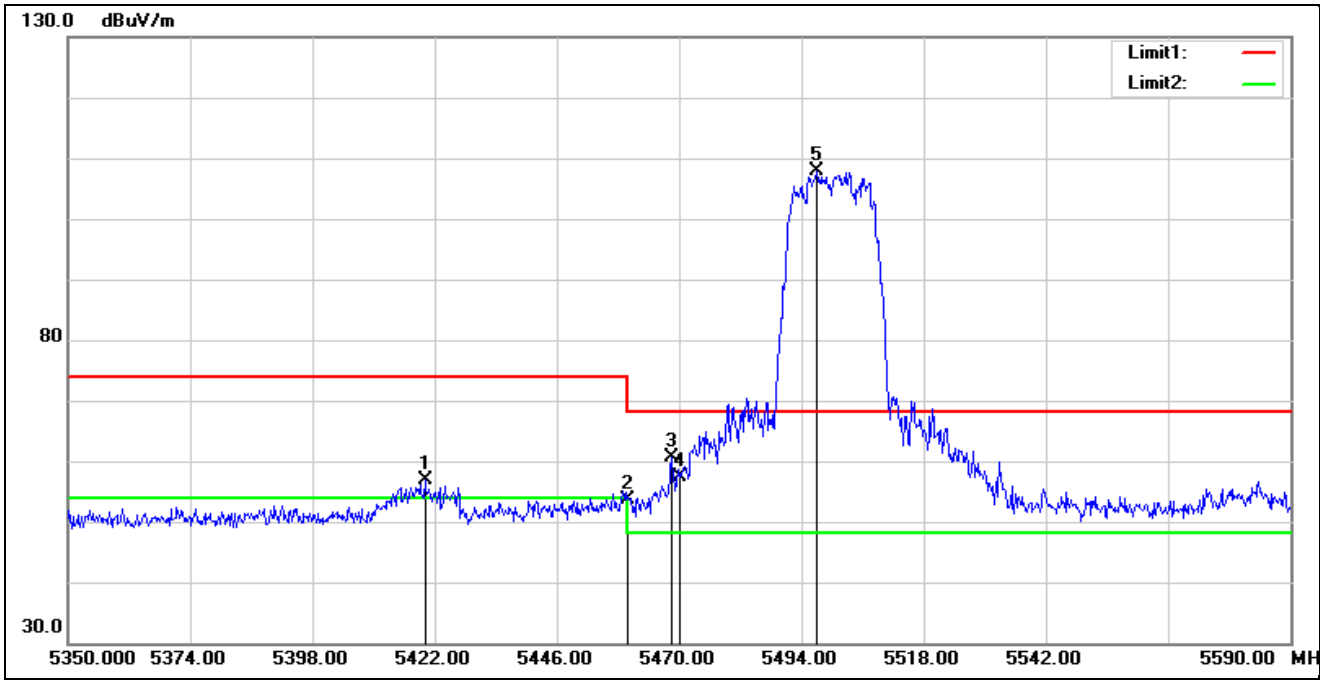

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5323.680 | 108.55 | 0.79 | 109.34 | 68.20 | 41.14 | peak |
| 2 | 5350.000 | 59.70 | 0.89 | 60.59 | 74.00 | -13.41 | peak |
| 3 | 5353.680 | 57.68 | 0.91 | 58.59 | 74.00 | -15.41 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5320 MHz | | |
| Remark: | | | |



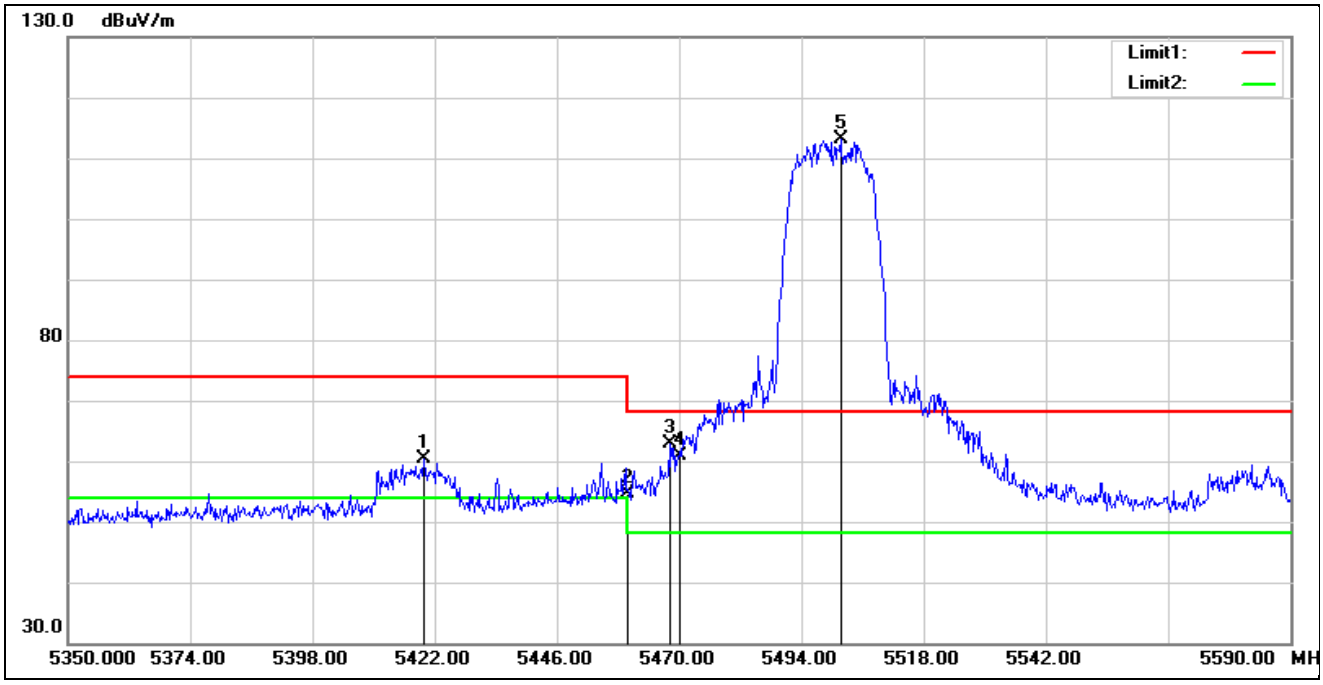

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5321.280 | 111.70 | 0.78 | 112.48 | 68.20 | 44.28 | peak |
| 2 | 5350.000 | 61.53 | 0.89 | 62.42 | 74.00 | -11.58 | peak |
| 3 | 5353.440 | 63.60 | 0.91 | 64.51 | 74.00 | -9.49 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5500 MHz | | |
| Remark: | | | |



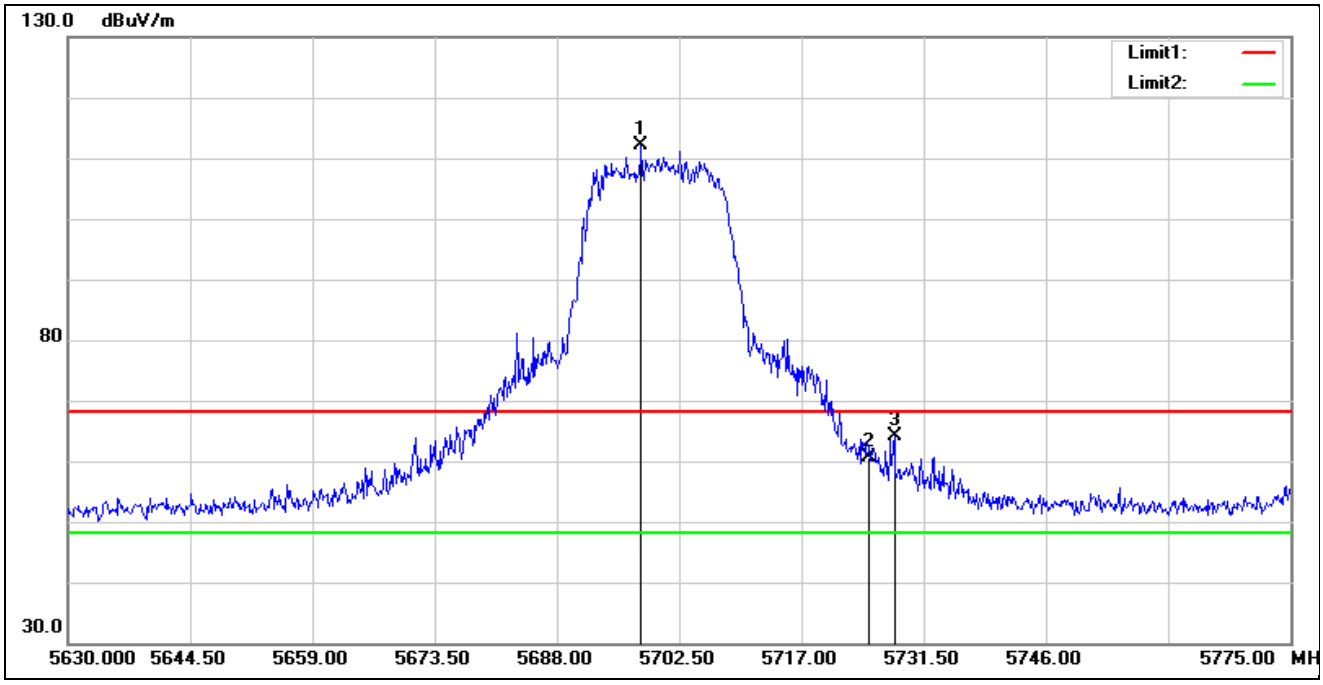

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5420.080 | 55.38 | 1.47 | 56.85 | 74.00 | -17.15 | peak |
| 2 | 5460.000 | 51.77 | 1.79 | 53.56 | 74.00 | -20.44 | peak |
| 3 | 5468.560 | 58.71 | 1.80 | 60.51 | 68.20 | -7.69 | peak |
| 4 | 5470.000 | 55.69 | 1.80 | 57.49 | 68.20 | -10.71 | peak |
| 5* | 5496.880 | 105.99 | 1.85 | 107.84 | 68.20 | 39.64 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5500 MHz | | |
| Remark: | | | |



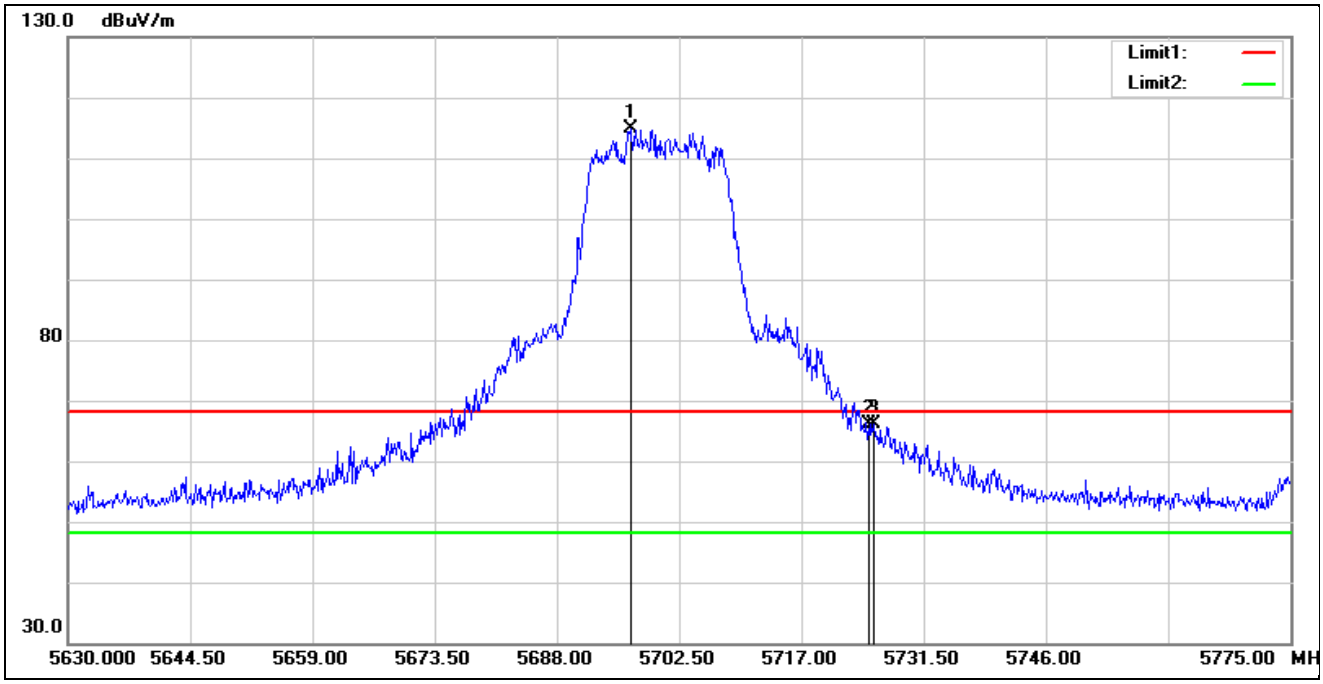

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5419.840 | 58.94 | 1.47 | 60.41 | 74.00 | -13.59 | peak |
| 2 | 5460.000 | 52.91 | 1.79 | 54.70 | 74.00 | -19.30 | peak |
| 3 | 5468.080 | 61.09 | 1.80 | 62.89 | 68.20 | -5.31 | peak |
| 4 | 5470.000 | 59.11 | 1.80 | 60.91 | 68.20 | -7.29 | peak |
| 5* | 5501.680 | 111.29 | 1.85 | 113.14 | 68.20 | 44.94 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5700 MHz | | |
| Remark: | | | |



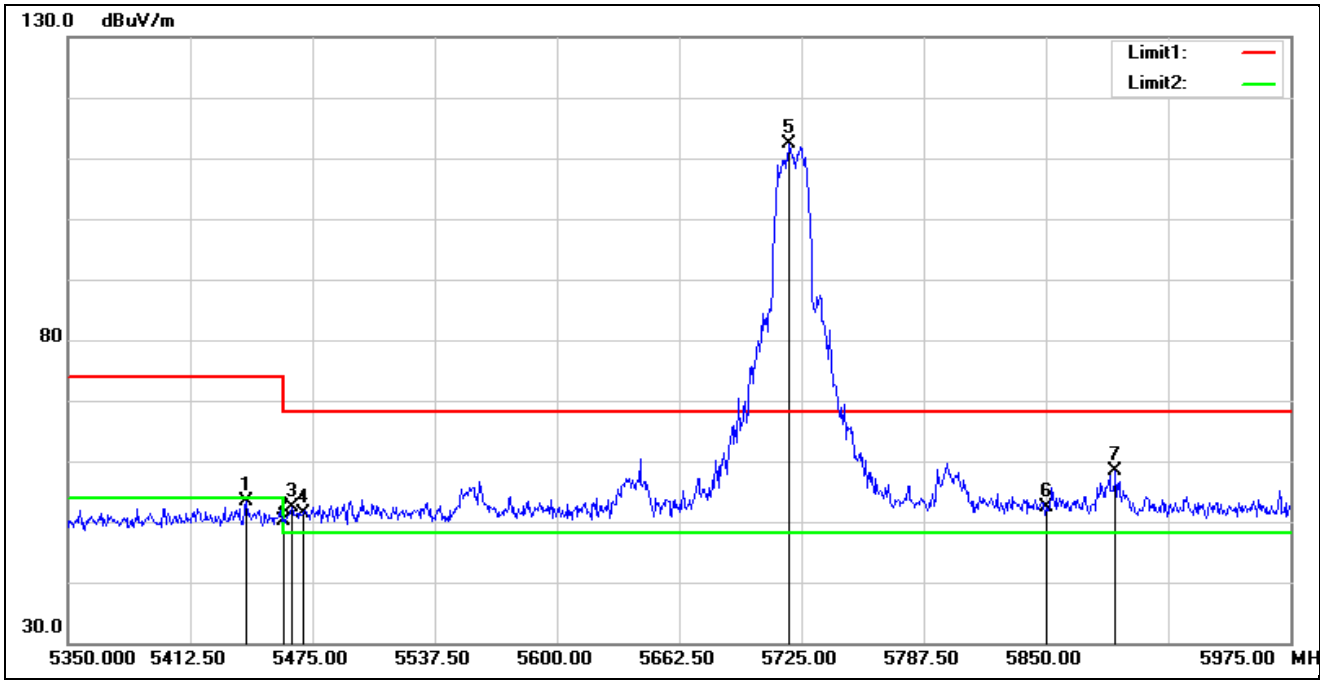

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5698.005 | 110.65 | 1.58 | 112.23 | 68.20 | 44.03 | peak |
| 2 | 5725.000 | 58.83 | 1.89 | 60.72 | 68.20 | -7.48 | peak |
| 3 | 5728.020 | 62.13 | 1.94 | 64.07 | 68.20 | -4.13 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5700 MHz | | |
| Remark: | | | |



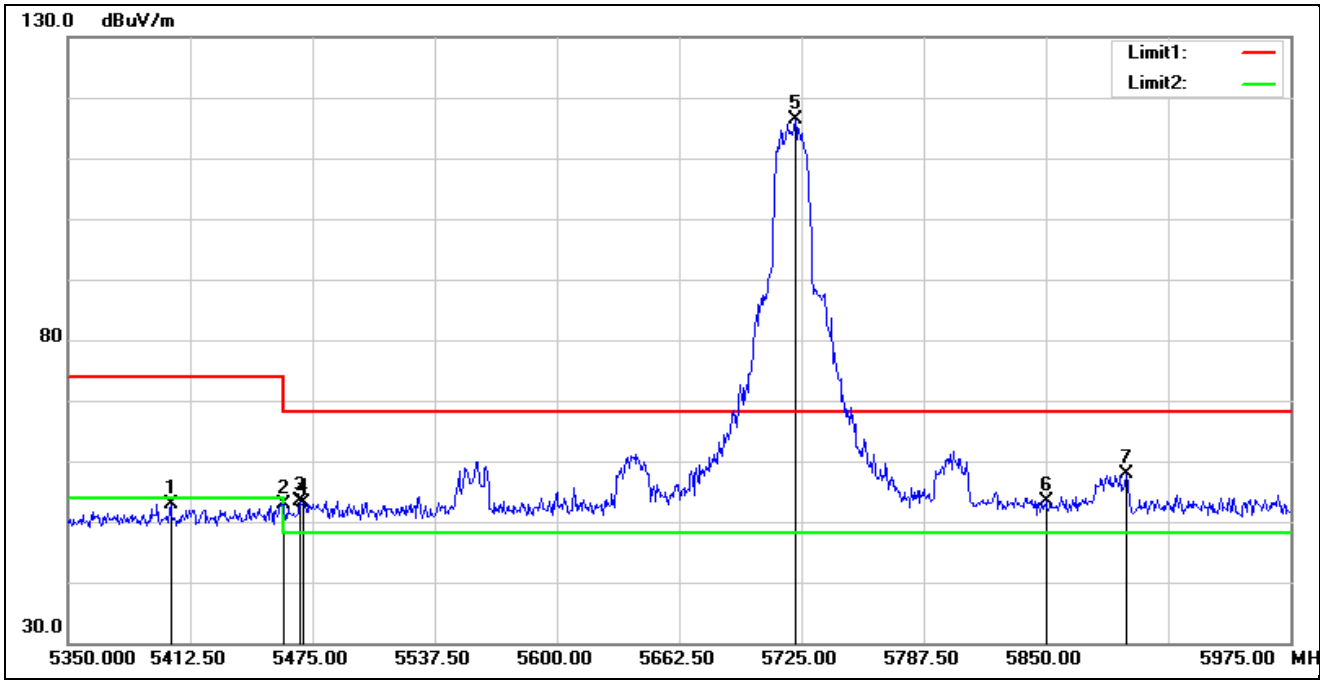

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5696.700 | 113.22 | 1.58 | 114.80 | 68.20 | 46.60 | peak |
| 2 | 5725.000 | 64.33 | 1.89 | 66.22 | 68.20 | -1.98 | peak |
| 3 | 5725.555 | 64.25 | 1.91 | 66.16 | 68.20 | -2.04 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5720 MHz | | |
| Remark: | | | |



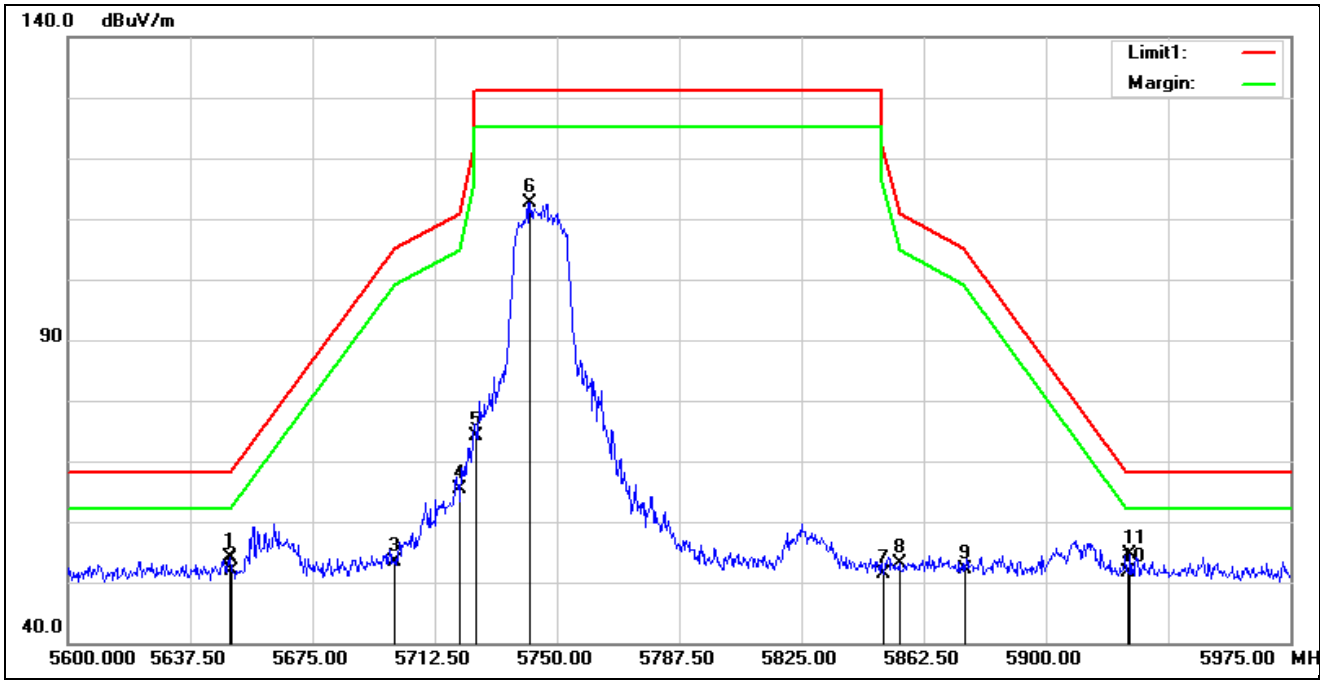

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5441.250 | 51.81 | 1.68 | 53.49 | 74.00 | -20.51 | peak |
| 2 | 5460.000 | 48.24 | 1.79 | 50.03 | 74.00 | -23.97 | peak |
| 3 | 5464.375 | 50.51 | 1.79 | 52.30 | 68.20 | -15.90 | peak |
| 4 | 5470.000 | 49.65 | 1.80 | 51.45 | 68.20 | -16.75 | peak |
| 5* | 5718.750 | 110.56 | 1.81 | 112.37 | 68.20 | 44.17 | peak |
| 6 | 5850.000 | 49.79 | 2.57 | 52.36 | 68.20 | -15.84 | peak |
| 7 | 5885.625 | 55.80 | 2.67 | 58.47 | 68.20 | -9.73 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5720 MHz | | |
| Remark: | | | |



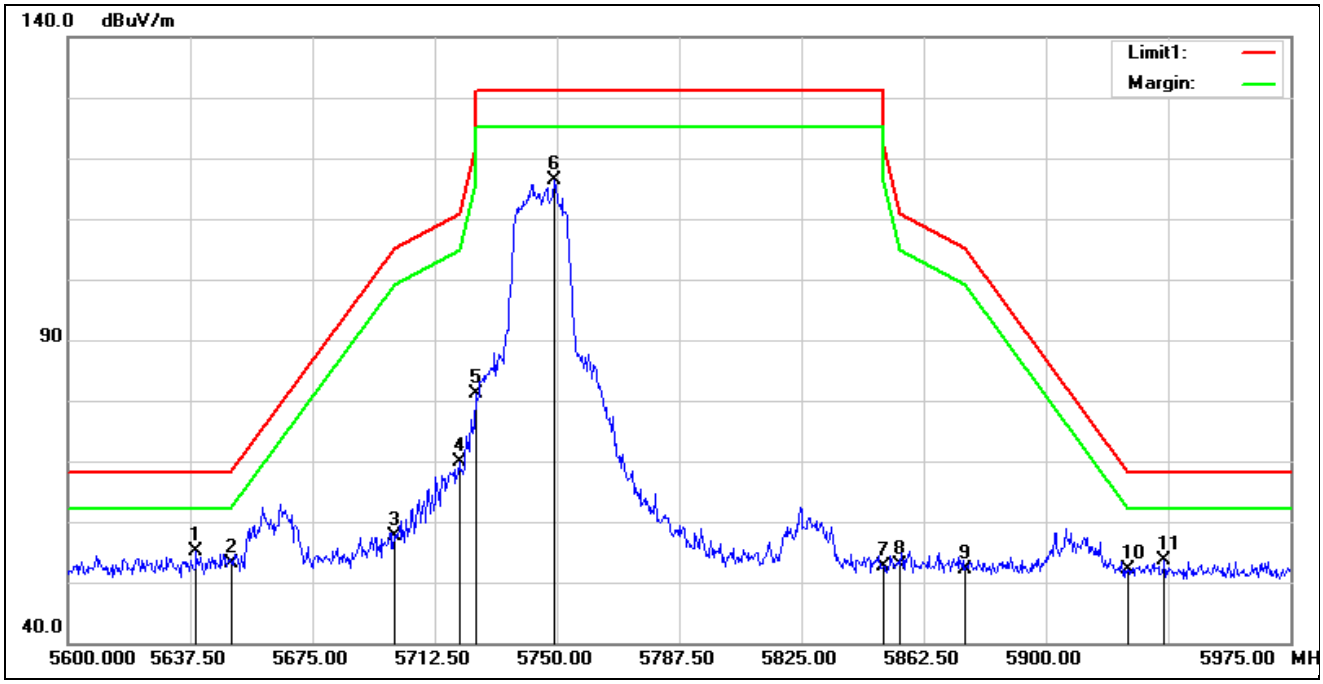

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5402.500 | 51.63 | 1.30 | 52.93 | 74.00 | -21.07 | peak |
| 2 | 5460.000 | 51.05 | 1.79 | 52.84 | 74.00 | -21.16 | peak |
| 3 | 5468.750 | 51.59 | 1.80 | 53.39 | 68.20 | -14.81 | peak |
| 4 | 5470.000 | 51.39 | 1.80 | 53.19 | 68.20 | -15.01 | peak |
| 5* | 5721.875 | 114.47 | 1.85 | 116.32 | 68.20 | 48.12 | peak |
| 6 | 5850.000 | 50.76 | 2.57 | 53.33 | 68.20 | -14.87 | peak |
| 7 | 5891.250 | 55.13 | 2.68 | 57.81 | 68.20 | -10.39 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5745 MHz | | |
| Remark: | | | |



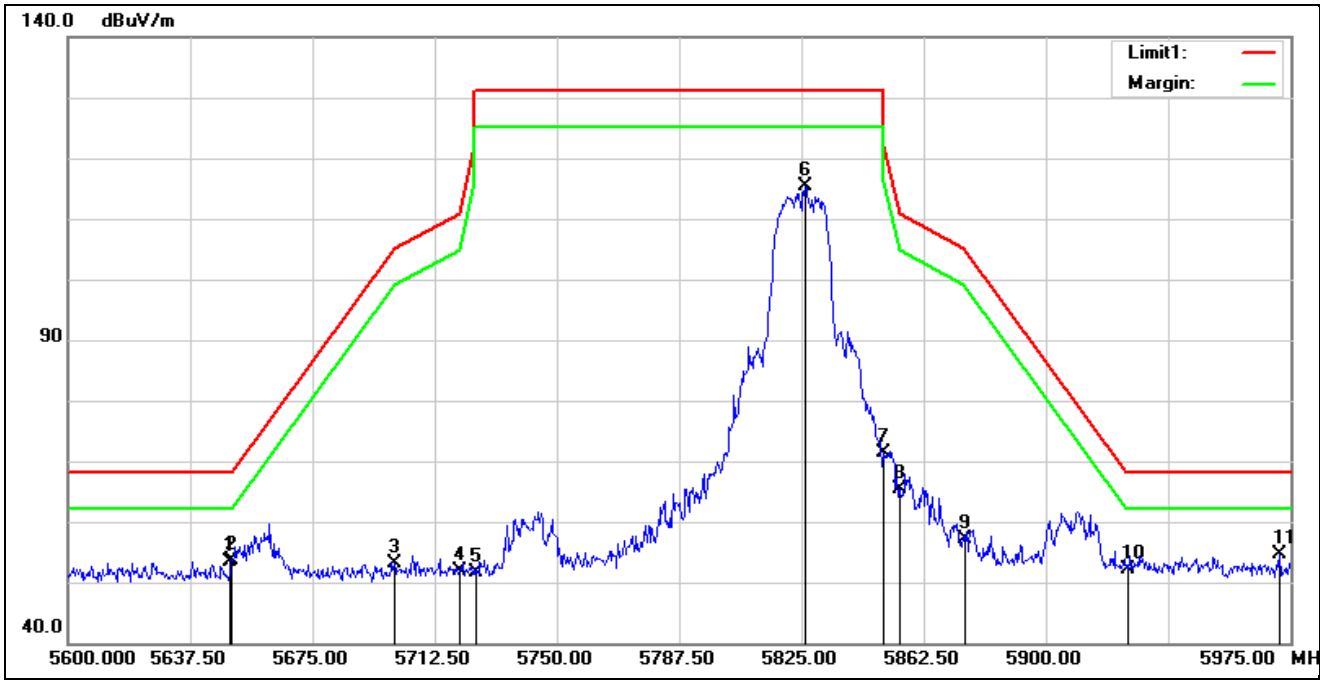

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5649.875 | 52.59 | 1.65 | 54.24 | 68.20 | -13.96 | peak |
| 2 | 5650.000 | 50.34 | 1.65 | 51.99 | 68.20 | -16.21 | peak |
| 3 | 5700.000 | 51.86 | 1.58 | 53.44 | 105.20 | -51.76 | peak |
| 4 | 5720.000 | 63.50 | 1.83 | 65.33 | 110.80 | -45.47 | peak |
| 5 | 5725.000 | 72.18 | 1.89 | 74.07 | 122.20 | -48.13 | peak |
| 6 | 5741.750 | 110.61 | 2.11 | 112.72 | 131.20 | -18.48 | peak |
| 7 | 5850.000 | 48.93 | 2.57 | 51.50 | 122.20 | -70.70 | peak |
| 8 | 5855.000 | 50.47 | 2.59 | 53.06 | 110.80 | -57.74 | peak |
| 9 | 5875.000 | 49.50 | 2.64 | 52.14 | 105.20 | -53.06 | peak |
| 10 | 5925.000 | 49.02 | 2.58 | 51.60 | 68.20 | -16.60 | peak |
| 11* | 5925.875 | 52.00 | 2.57 | 54.57 | 68.20 | -13.63 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5745 MHz | | |
| Remark: | | | |



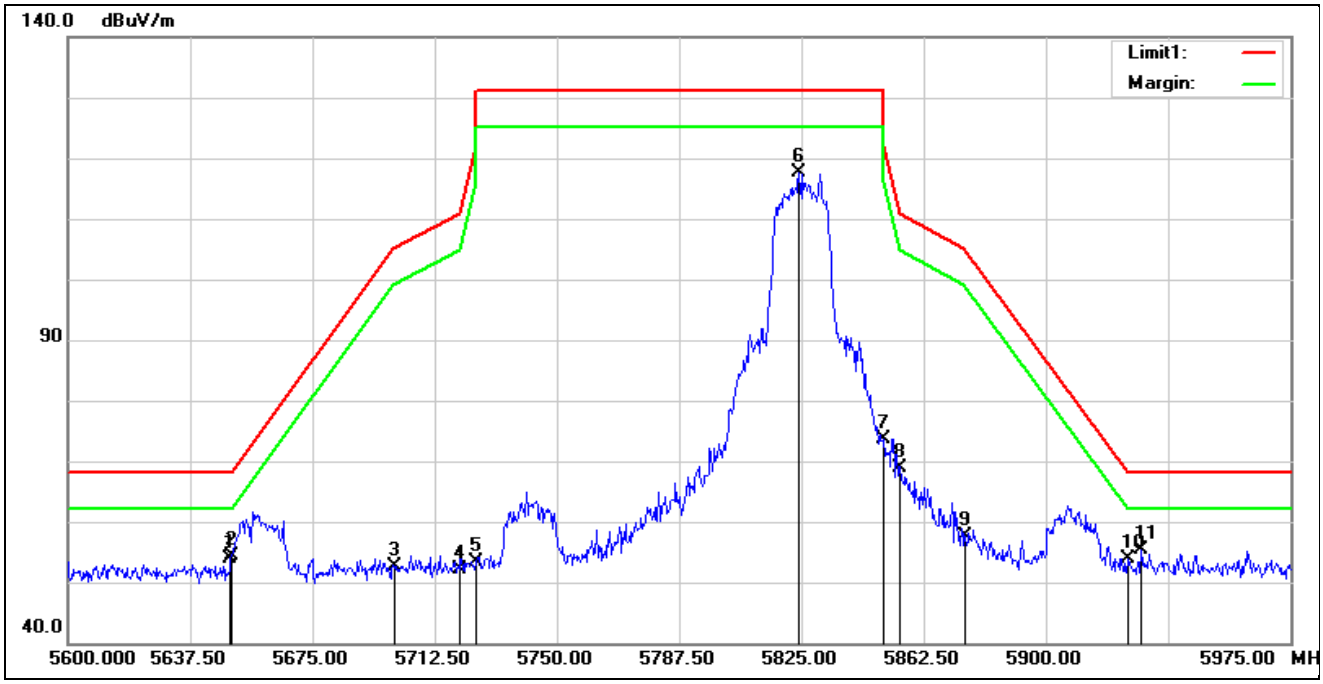

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5639.375 | 53.37 | 1.64 | 55.01 | 68.20 | -13.19 | peak |
| 2 | 5650.000 | 51.48 | 1.65 | 53.13 | 68.20 | -15.07 | peak |
| 3 | 5700.000 | 55.94 | 1.58 | 57.52 | 105.20 | -47.68 | peak |
| 4 | 5720.000 | 68.17 | 1.83 | 70.00 | 110.80 | -40.80 | peak |
| 5 | 5725.000 | 79.28 | 1.89 | 81.17 | 122.20 | -41.03 | peak |
| 6 | 5749.250 | 114.30 | 2.20 | 116.50 | 131.20 | -14.70 | peak |
| 7 | 5850.000 | 49.95 | 2.57 | 52.52 | 122.20 | -69.68 | peak |
| 8 | 5855.000 | 50.17 | 2.59 | 52.76 | 110.80 | -58.04 | peak |
| 9 | 5875.000 | 49.45 | 2.64 | 52.09 | 105.20 | -53.11 | peak |
| 10 | 5925.000 | 49.45 | 2.58 | 52.03 | 68.20 | -16.17 | peak |
| 11 | 5936.375 | 51.16 | 2.51 | 53.67 | 68.20 | -14.53 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5825 MHz | | |
| Remark: | | | |



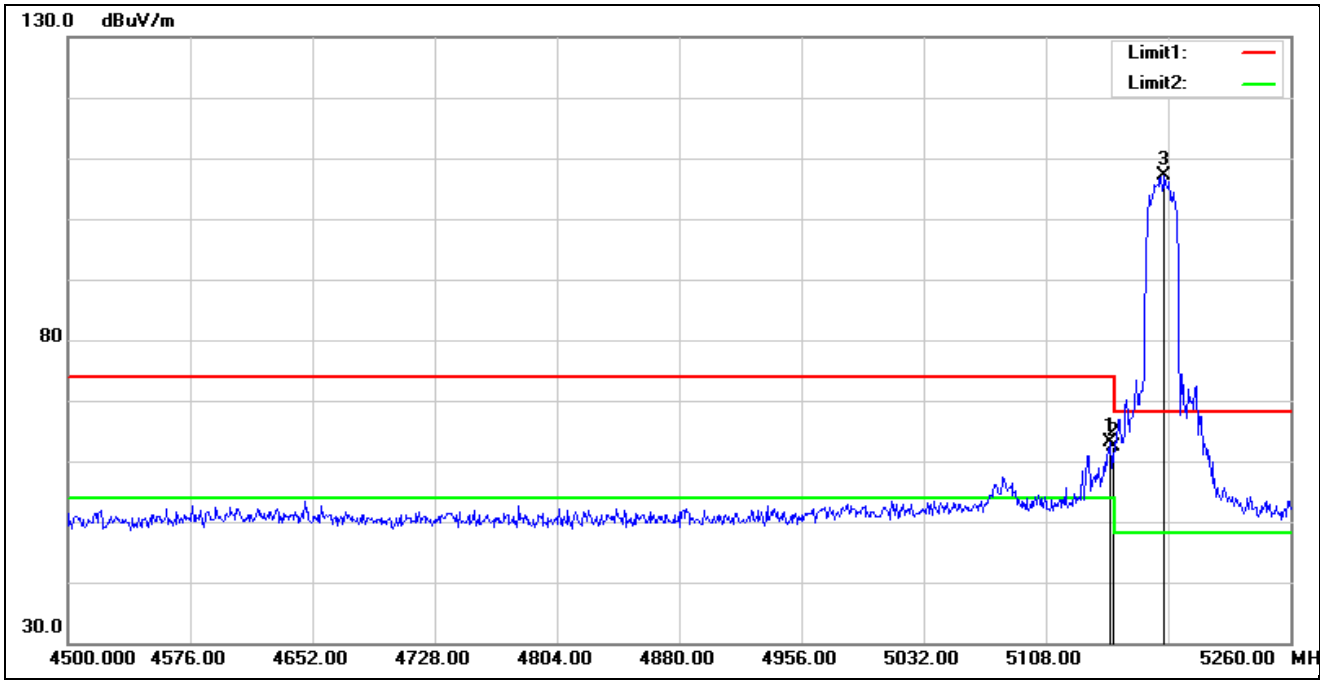

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5649.875 | 51.70 | 1.65 | 53.35 | 68.20 | -14.85 | peak |
| 2 | 5650.000 | 51.87 | 1.65 | 53.52 | 68.20 | -14.68 | peak |
| 3 | 5700.000 | 51.65 | 1.58 | 53.23 | 105.20 | -51.97 | peak |
| 4 | 5720.000 | 49.97 | 1.83 | 51.80 | 110.80 | -59.00 | peak |
| 5 | 5725.000 | 49.81 | 1.89 | 51.70 | 122.20 | -70.50 | peak |
| 6 | 5826.125 | 112.70 | 2.56 | 115.26 | 131.20 | -15.94 | peak |
| 7 | 5850.000 | 68.69 | 2.57 | 71.26 | 122.20 | -50.94 | peak |
| 8 | 5855.000 | 62.77 | 2.59 | 65.36 | 110.80 | -45.44 | peak |
| 9 | 5875.000 | 54.52 | 2.64 | 57.16 | 105.20 | -48.04 | peak |
| 10 | 5925.000 | 49.63 | 2.58 | 52.21 | 68.20 | -15.99 | peak |
| 11* | 5971.625 | 52.17 | 2.49 | 54.66 | 68.20 | -13.54 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5825 MHz | | |
| Remark: | | | |



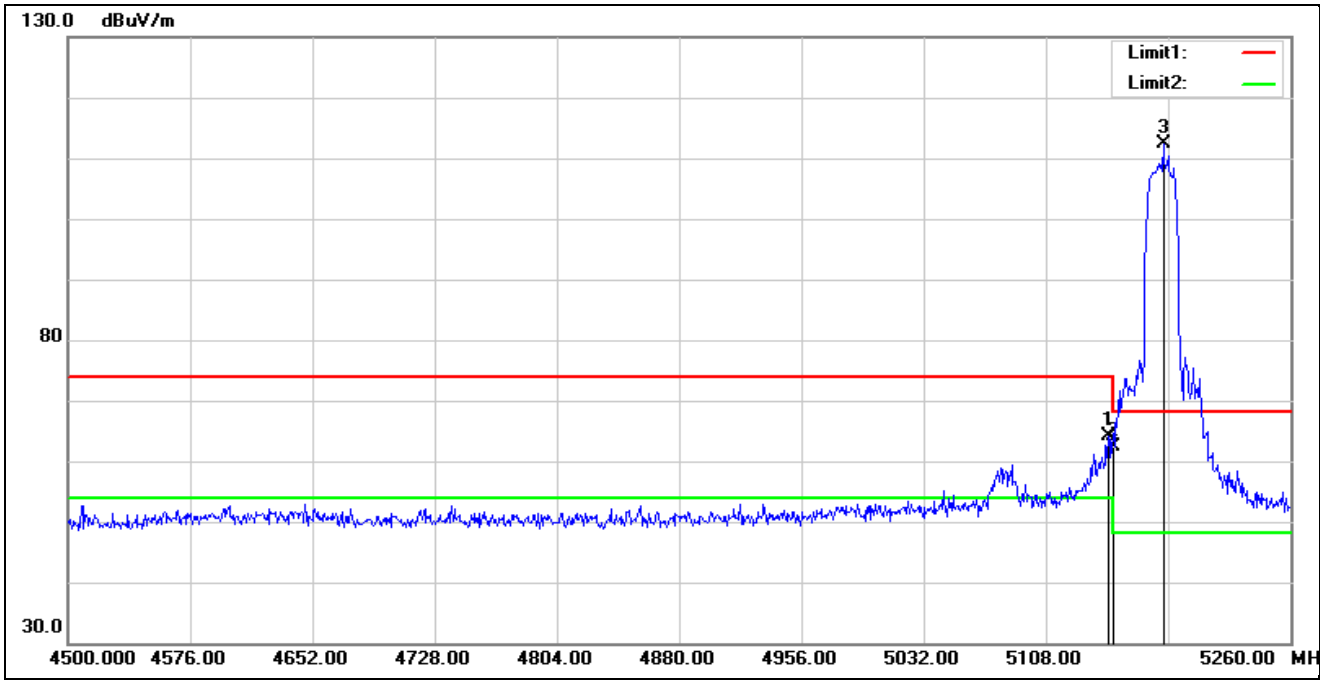

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5649.875 | 52.26 | 1.65 | 53.91 | 68.20 | -14.29 | peak |
| 2 | 5650.000 | 52.77 | 1.65 | 54.42 | 68.20 | -13.78 | peak |
| 3 | 5700.000 | 51.09 | 1.58 | 52.67 | 105.20 | -52.53 | peak |
| 4 | 5720.000 | 50.19 | 1.83 | 52.02 | 110.80 | -58.78 | peak |
| 5 | 5725.000 | 51.55 | 1.89 | 53.44 | 122.20 | -68.76 | peak |
| 6 | 5824.250 | 115.12 | 2.56 | 117.68 | 131.20 | -13.52 | peak |
| 7 | 5850.000 | 70.98 | 2.57 | 73.55 | 122.20 | -48.65 | peak |
| 8 | 5855.000 | 66.29 | 2.59 | 68.88 | 110.80 | -41.92 | peak |
| 9 | 5875.000 | 54.97 | 2.64 | 57.61 | 105.20 | -47.59 | peak |
| 10 | 5925.000 | 51.31 | 2.58 | 53.89 | 68.20 | -14.31 | peak |
| 11* | 5929.250 | 52.77 | 2.55 | 55.32 | 68.20 | -12.88 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5180 MHz | | |
| Remark: | | | |




| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5148.280 | 62.10 | 1.13 | 63.23 | 74.00 | -10.77 | peak |
| 2 | 5150.000 | 61.22 | 1.13 | 62.35 | 74.00 | -11.65 | peak |
| 3* | 5181.720 | 106.18 | 0.94 | 107.12 | 68.20 | 38.92 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5180 MHz | | |
| Remark: | | | |




| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5146.760 | 62.89 | 1.13 | 64.02 | 74.00 | -9.98 | peak |
| 2 | 5150.000 | 61.29 | 1.13 | 62.42 | 74.00 | -11.58 | peak |
| 3* | 5180.960 | 111.56 | 0.94 | 112.50 | 68.20 | 44.30 | peak |

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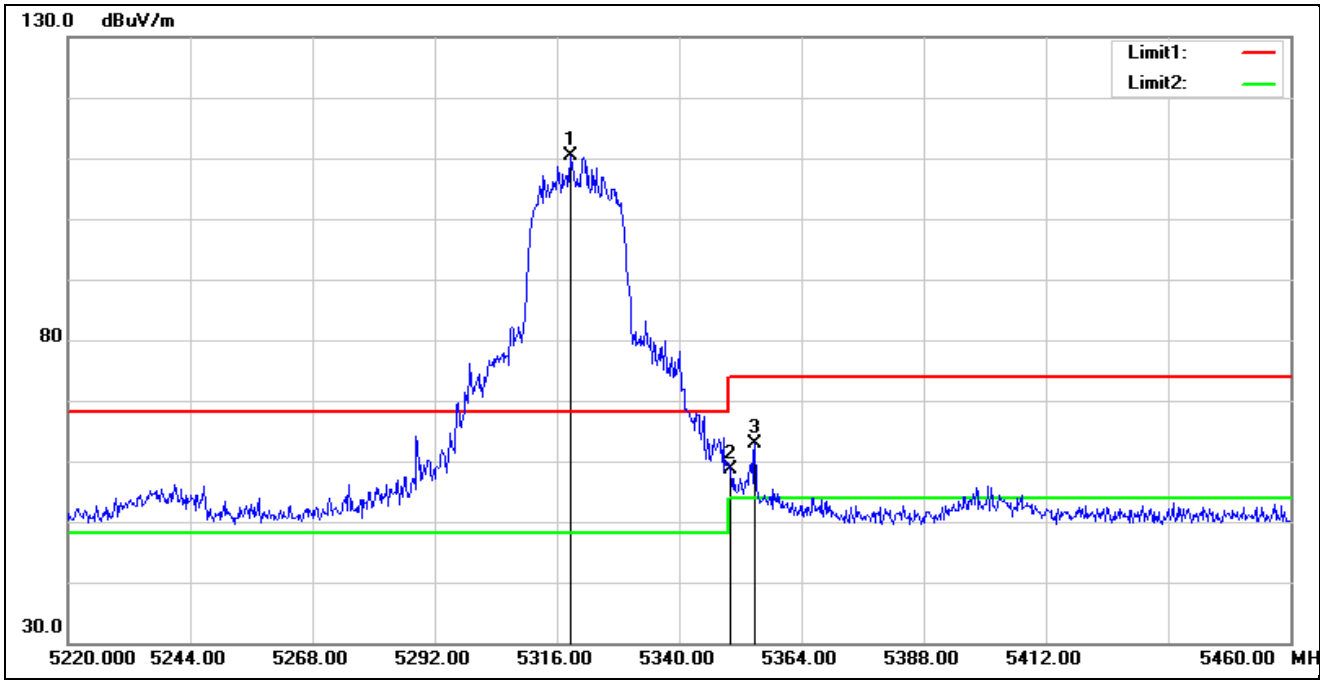
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5320 MHz | | |
| Remark: | | | |




| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5318.640 | 109.51 | 0.77 | 110.28 | 68.20 | 42.08 | peak |
| 2 | 5350.000 | 57.85 | 0.89 | 58.74 | 74.00 | -15.26 | peak |
| 3 | 5354.880 | 61.91 | 0.92 | 62.83 | 74.00 | -11.17 | peak |

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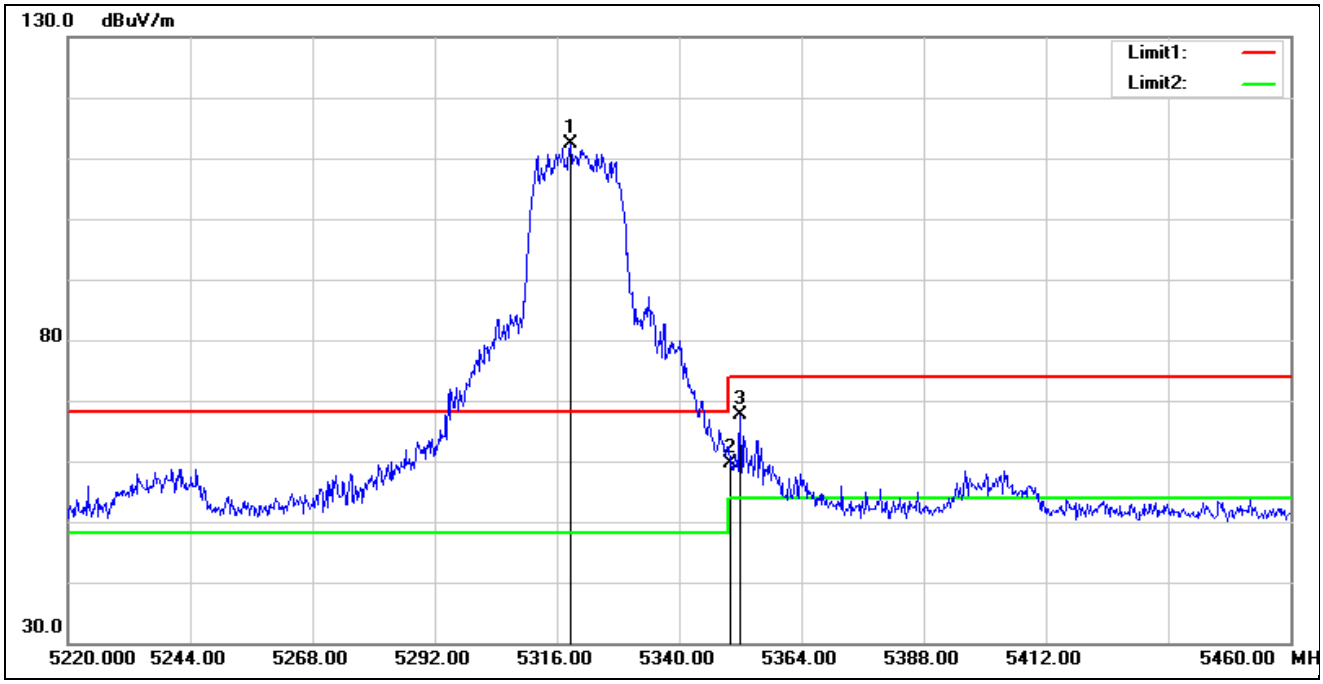
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5320 MHz | | |
| Remark: | | | |




| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5318.640 | 111.72 | 0.77 | 112.49 | 68.20 | 44.29 | peak |
| 2 | 5350.000 | 58.82 | 0.89 | 59.71 | 74.00 | -14.29 | peak |
| 3 | 5352.000 | 66.79 | 0.90 | 67.69 | 74.00 | -6.31 | peak |

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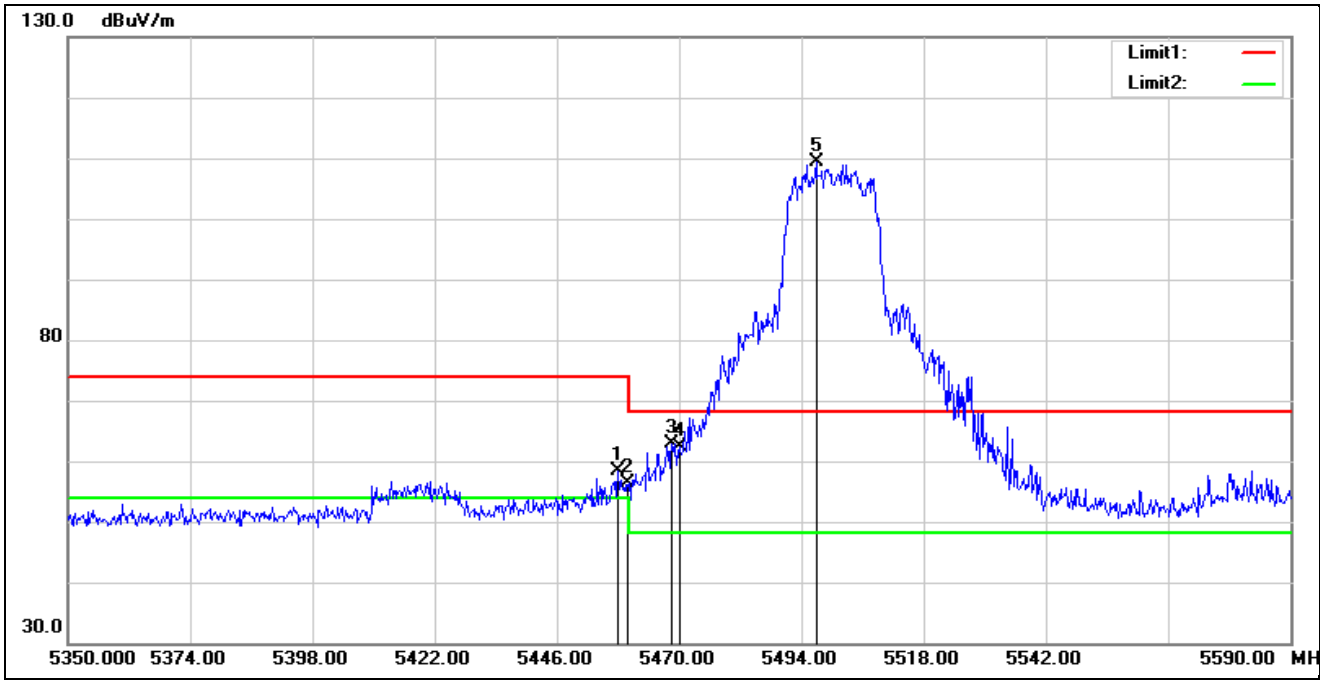
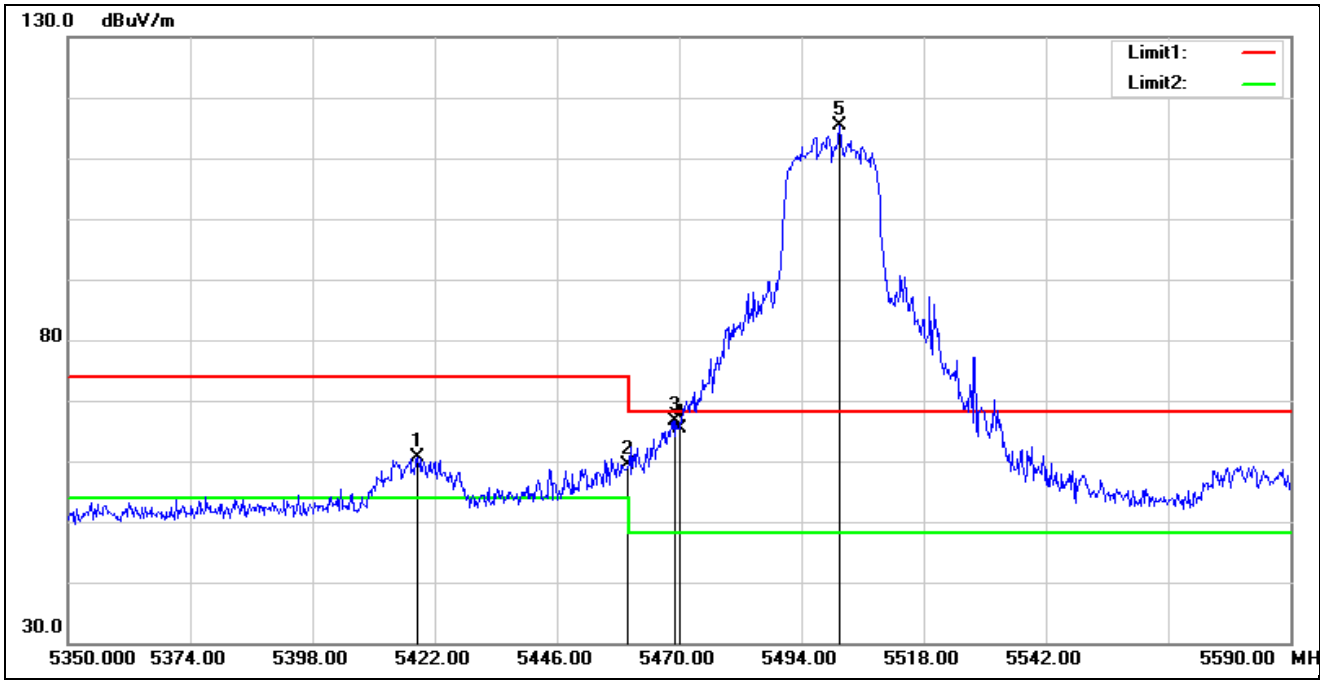
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5500 MHz | | |
| Remark: | | | |



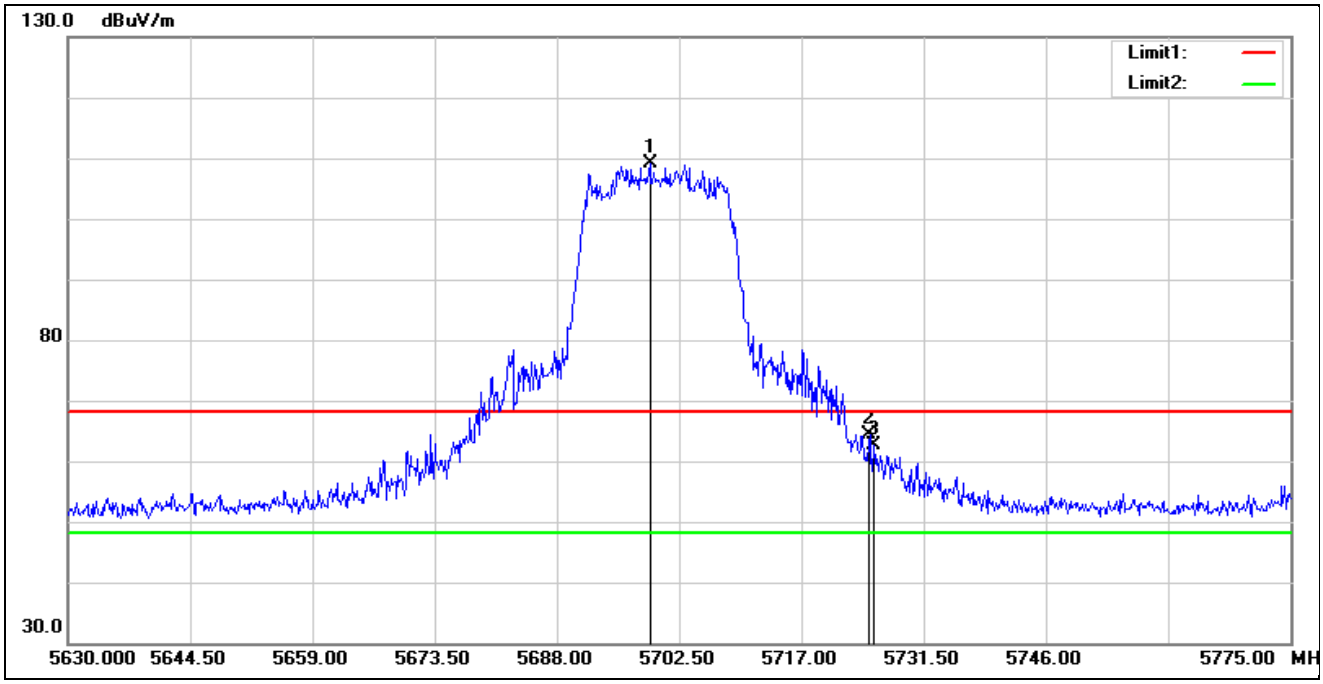

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5458.000 | 56.58 | 1.78 | 58.36 | 74.00 | -15.64 | peak |
| 2 | 5460.000 | 54.57 | 1.79 | 56.36 | 74.00 | -17.64 | peak |
| 3 | 5468.560 | 61.01 | 1.80 | 62.81 | 68.20 | -5.39 | peak |
| 4 | 5470.000 | 60.54 | 1.80 | 62.34 | 68.20 | -5.86 | peak |
| 5* | 5496.880 | 107.50 | 1.85 | 109.35 | 68.20 | 41.15 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5500 MHz | | |
| Remark: | | | |



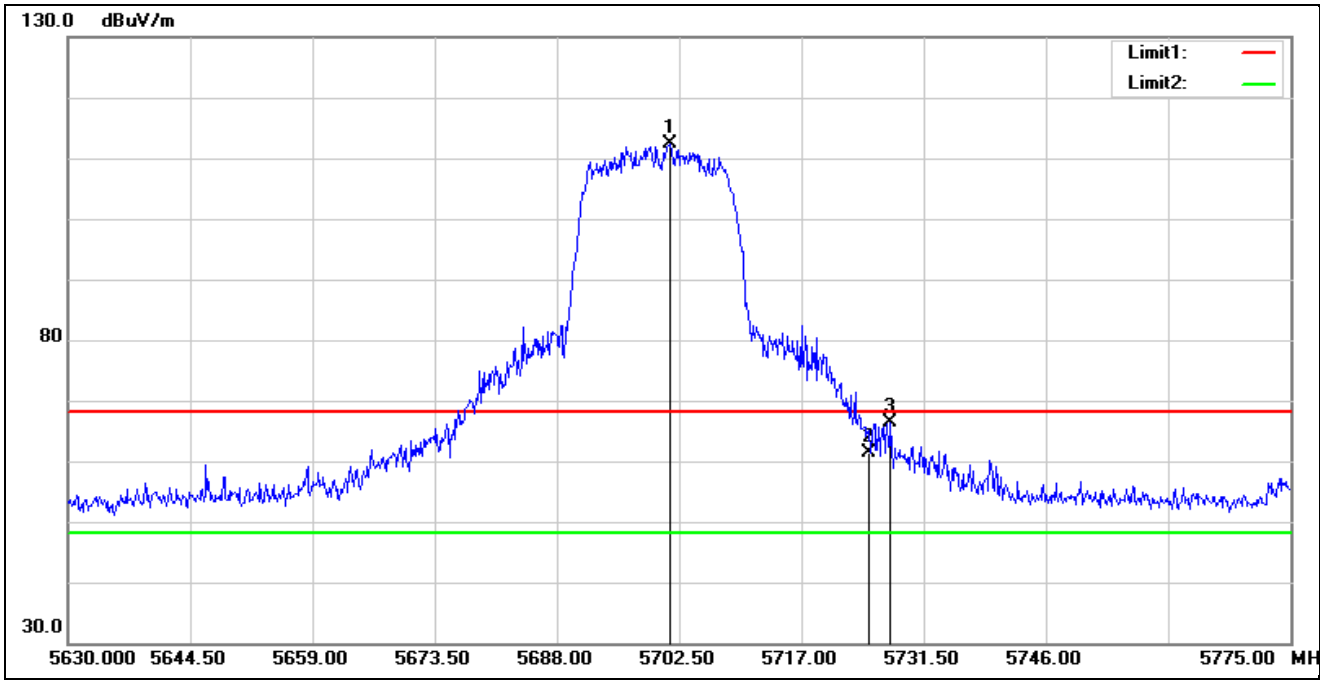

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5418.640 | 59.05 | 1.46 | 60.51 | 74.00 | -13.49 | peak |
| 2 | 5460.000 | 57.47 | 1.79 | 59.26 | 74.00 | -14.74 | peak |
| 3 | 5469.280 | 64.78 | 1.80 | 66.58 | 68.20 | -1.62 | peak |
| 4 | 5470.000 | 63.59 | 1.80 | 65.39 | 68.20 | -2.81 | peak |
| 5* | 5501.440 | 113.48 | 1.85 | 115.33 | 68.20 | 47.13 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5700 MHz | | |
| Remark: | | | |



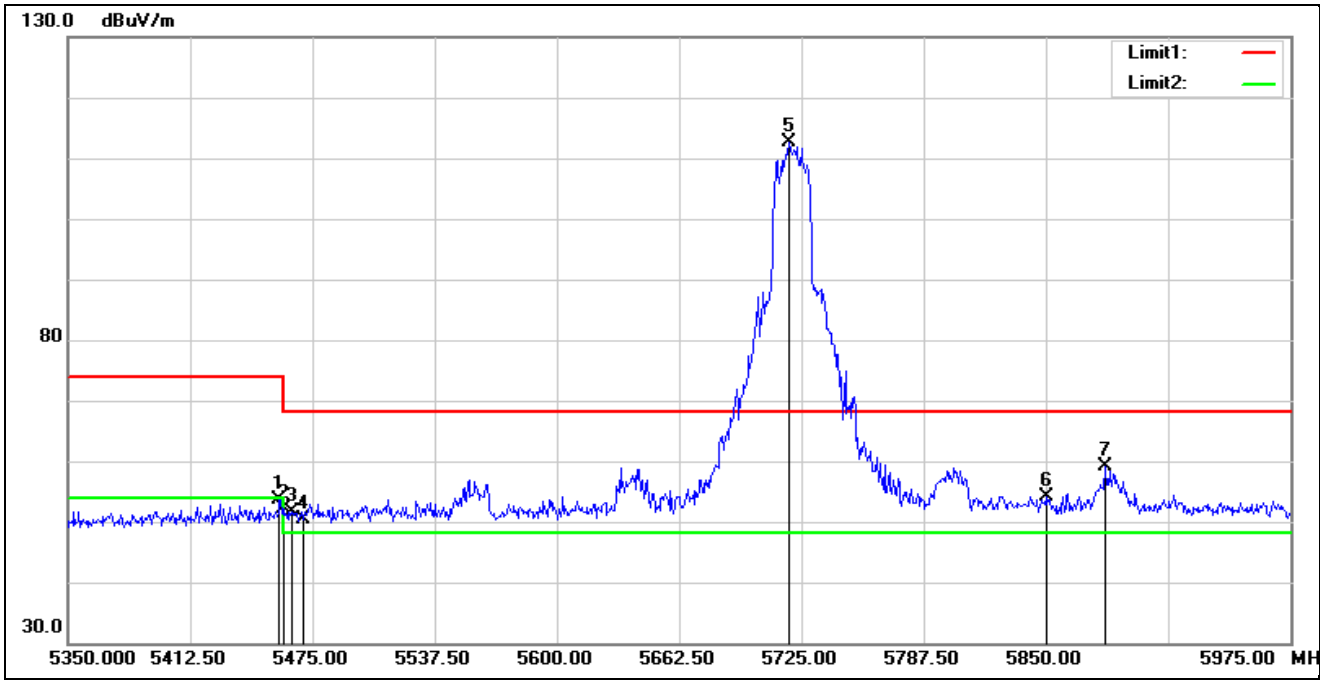

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5699.020 | 107.48 | 1.58 | 109.06 | 68.20 | 40.86 | peak |
| 2 | 5725.000 | 62.42 | 1.89 | 64.31 | 68.20 | -3.89 | peak |
| 3 | 5725.555 | 60.80 | 1.91 | 62.71 | 68.20 | -5.49 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5700 MHz | | |
| Remark: | | | |



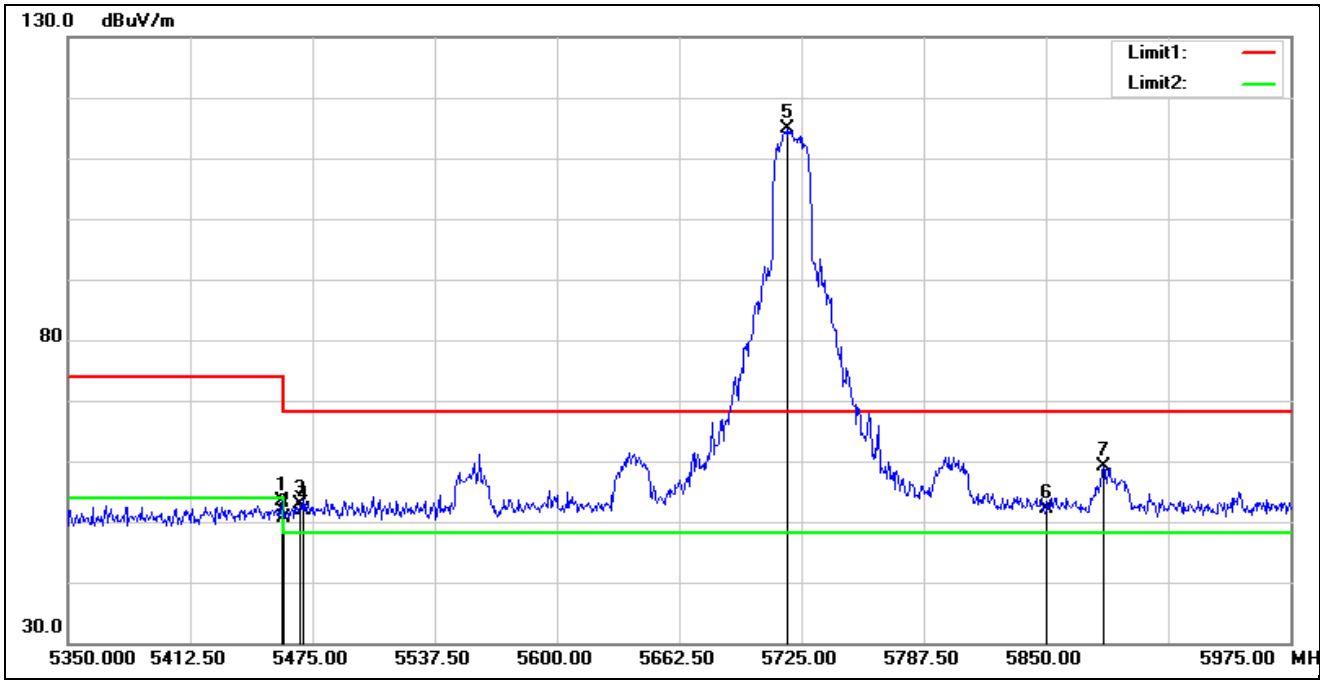

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5701.340 | 110.69 | 1.60 | 112.29 | 68.20 | 44.09 | peak |
| 2 | 5725.000 | 59.48 | 1.89 | 61.37 | 68.20 | -6.83 | peak |
| 3 | 5727.585 | 64.56 | 1.93 | 66.49 | 68.20 | -1.71 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5720 MHz | | |
| Remark: | | | |



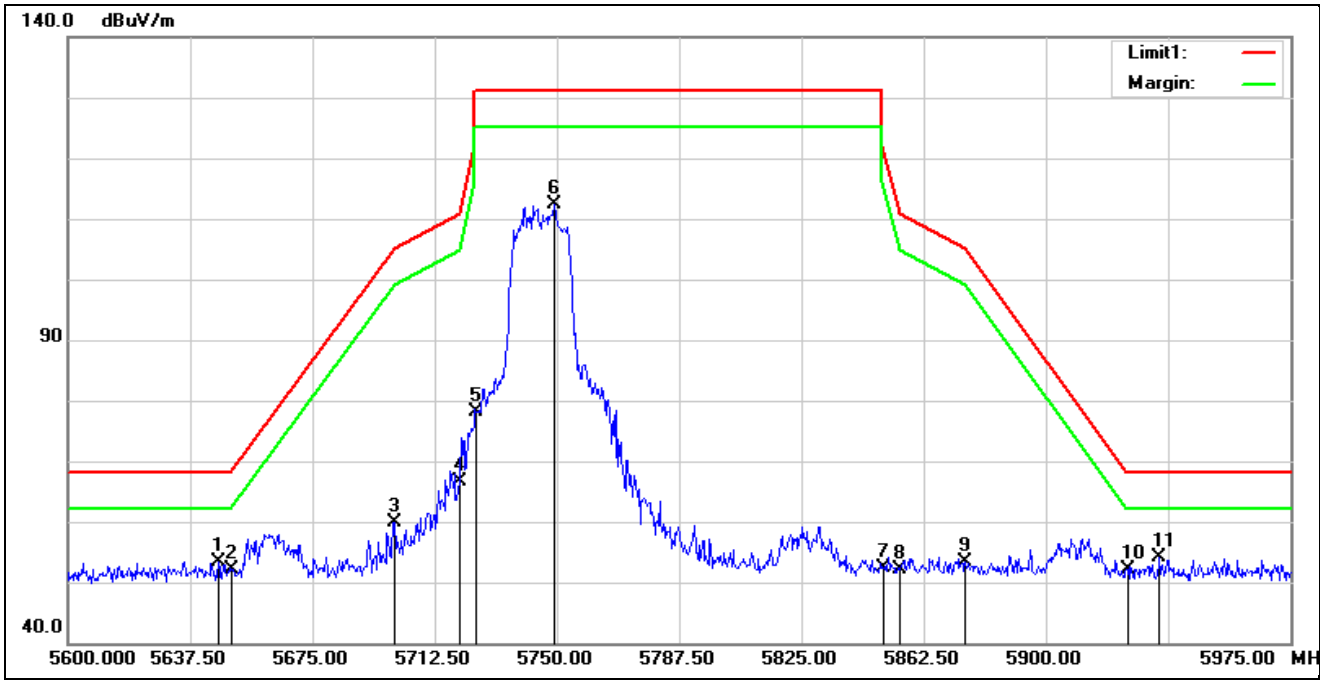

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5458.125 | 51.88 | 1.78 | 53.66 | 74.00 | -20.34 | peak |
| 2 | 5460.000 | 50.44 | 1.79 | 52.23 | 74.00 | -21.77 | peak |
| 3 | 5464.375 | 49.79 | 1.79 | 51.58 | 68.20 | -16.62 | peak |
| 4 | 5470.000 | 48.58 | 1.80 | 50.38 | 68.20 | -17.82 | peak |
| 5* | 5718.750 | 110.74 | 1.81 | 112.55 | 68.20 | 44.35 | peak |
| 6 | 5850.000 | 51.44 | 2.57 | 54.01 | 68.20 | -14.19 | peak |
| 7 | 5880.000 | 56.41 | 2.65 | 59.06 | 68.20 | -9.14 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5720 MHz | | |
| Remark: | | | |



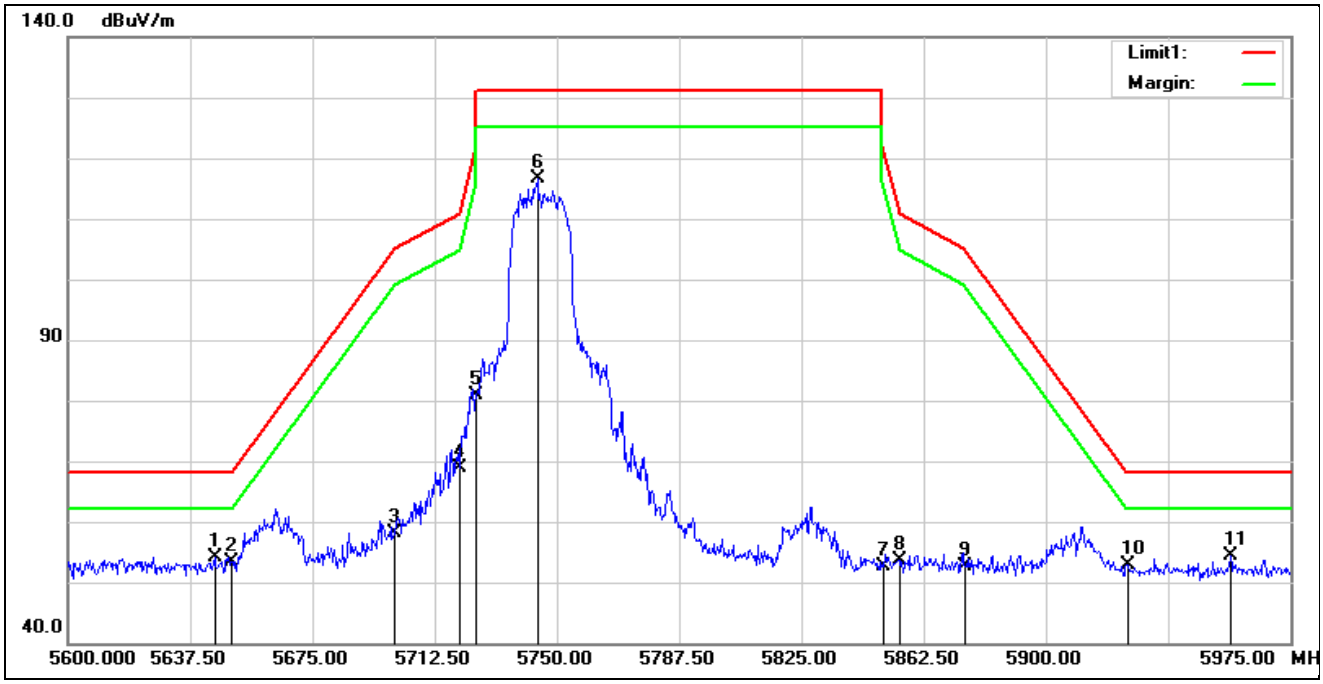

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5459.375 | 51.64 | 1.79 | 53.43 | 74.00 | -20.57 | peak |
| 2 | 5460.000 | 48.94 | 1.79 | 50.73 | 74.00 | -23.27 | peak |
| 3 | 5468.750 | 51.12 | 1.80 | 52.92 | 68.20 | -15.28 | peak |
| 4 | 5470.000 | 50.14 | 1.80 | 51.94 | 68.20 | -16.26 | peak |
| 5* | 5717.500 | 113.06 | 1.80 | 114.86 | 68.20 | 46.66 | peak |
| 6 | 5850.000 | 49.44 | 2.57 | 52.01 | 68.20 | -16.19 | peak |
| 7 | 5879.375 | 56.44 | 2.65 | 59.09 | 68.20 | -9.11 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5745 MHz | | |
| Remark: | | | |



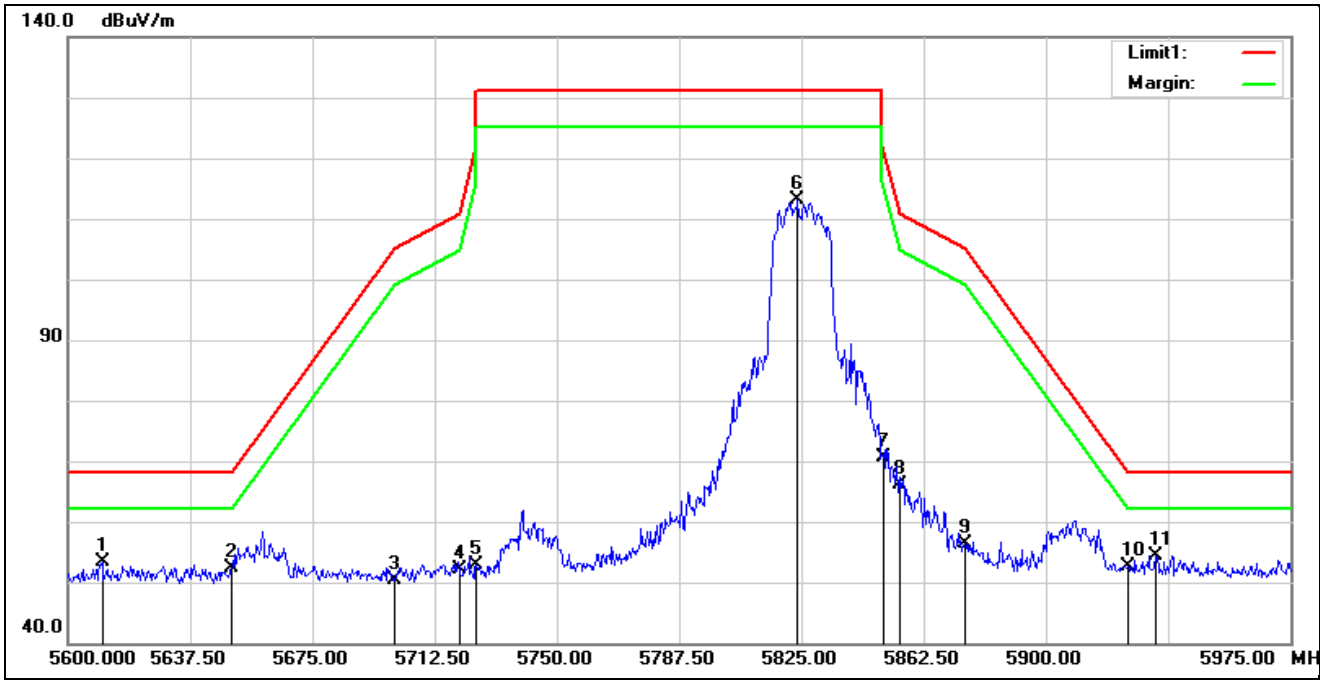

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5646.125 | 51.64 | 1.65 | 53.29 | 68.20 | -14.91 | peak |
| 2 | 5650.000 | 50.55 | 1.65 | 52.20 | 68.20 | -16.00 | peak |
| 3 | 5700.000 | 58.22 | 1.58 | 59.80 | 105.20 | -45.40 | peak |
| 4 | 5720.000 | 64.91 | 1.83 | 66.74 | 110.80 | -44.06 | peak |
| 5 | 5725.000 | 76.27 | 1.89 | 78.16 | 122.20 | -44.04 | peak |
| 6 | 5749.250 | 110.25 | 2.20 | 112.45 | 131.20 | -18.75 | peak |
| 7 | 5850.000 | 49.82 | 2.57 | 52.39 | 122.20 | -69.81 | peak |
| 8 | 5855.000 | 49.64 | 2.59 | 52.23 | 110.80 | -58.57 | peak |
| 9 | 5875.000 | 50.73 | 2.64 | 53.37 | 105.20 | -51.83 | peak |
| 10 | 5925.000 | 49.51 | 2.58 | 52.09 | 68.20 | -16.11 | peak |
| 11* | 5934.875 | 51.50 | 2.52 | 54.02 | 68.20 | -14.18 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5745 MHz | | |
| Remark: | | | |



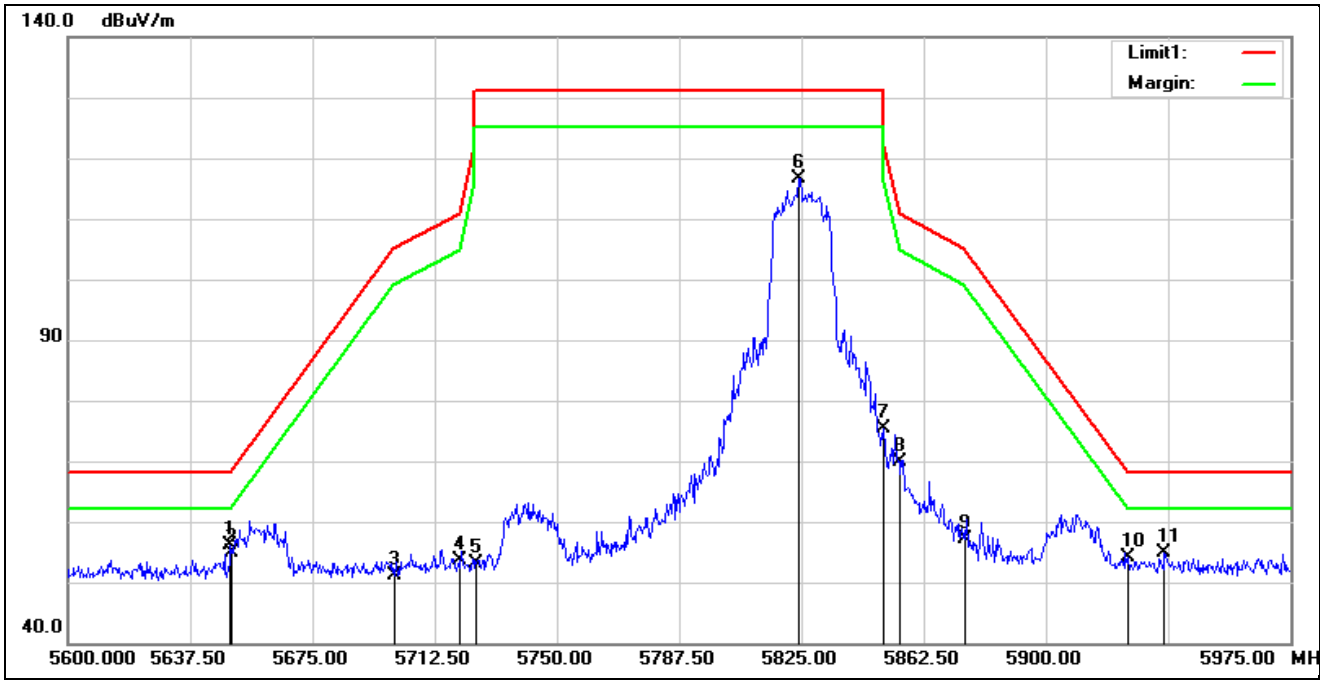

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5645.000 | 52.52 | 1.65 | 54.17 | 68.20 | -14.03 | peak |
| 2 | 5650.000 | 51.66 | 1.65 | 53.31 | 68.20 | -14.89 | peak |
| 3 | 5700.000 | 56.49 | 1.58 | 58.07 | 105.20 | -47.13 | peak |
| 4 | 5720.000 | 67.09 | 1.83 | 68.92 | 110.80 | -41.88 | peak |
| 5 | 5725.000 | 78.98 | 1.89 | 80.87 | 122.20 | -41.33 | peak |
| 6 | 5744.000 | 114.41 | 2.14 | 116.55 | 131.20 | -14.65 | peak |
| 7 | 5850.000 | 50.03 | 2.57 | 52.60 | 122.20 | -69.60 | peak |
| 8 | 5855.000 | 51.04 | 2.59 | 53.63 | 110.80 | -57.17 | peak |
| 9 | 5875.000 | 50.06 | 2.64 | 52.70 | 105.20 | -52.50 | peak |
| 10 | 5925.000 | 50.28 | 2.58 | 52.86 | 68.20 | -15.34 | peak |
| 11* | 5956.625 | 51.95 | 2.45 | 54.40 | 68.20 | -13.80 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5825 MHz | | |
| Remark: | | | |



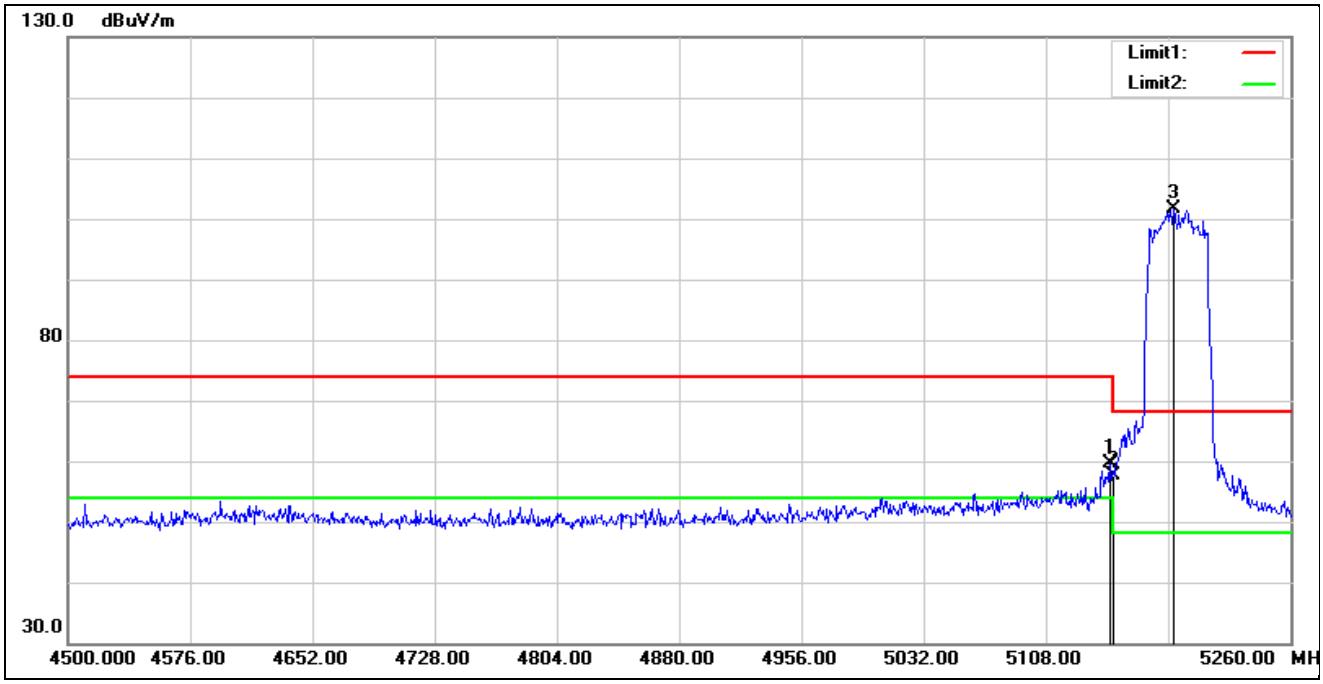

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5610.500 | 51.80 | 1.62 | 53.42 | 68.20 | -14.78 | peak |
| 2 | 5650.000 | 50.73 | 1.65 | 52.38 | 68.20 | -15.82 | peak |
| 3 | 5700.000 | 48.92 | 1.58 | 50.50 | 105.20 | -54.70 | peak |
| 4 | 5720.000 | 50.26 | 1.83 | 52.09 | 110.80 | -58.71 | peak |
| 5 | 5725.000 | 51.07 | 1.89 | 52.96 | 122.20 | -69.24 | peak |
| 6 | 5823.875 | 110.69 | 2.55 | 113.24 | 131.20 | -17.96 | peak |
| 7 | 5850.000 | 68.06 | 2.57 | 70.63 | 122.20 | -51.57 | peak |
| 8 | 5855.000 | 63.61 | 2.59 | 66.20 | 110.80 | -44.60 | peak |
| 9 | 5875.000 | 53.79 | 2.64 | 56.43 | 105.20 | -48.77 | peak |
| 10 | 5925.000 | 49.95 | 2.58 | 52.53 | 68.20 | -15.67 | peak |
| 11* | 5933.750 | 51.82 | 2.53 | 54.35 | 68.20 | -13.85 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5825 MHz | | |
| Remark: | | | |



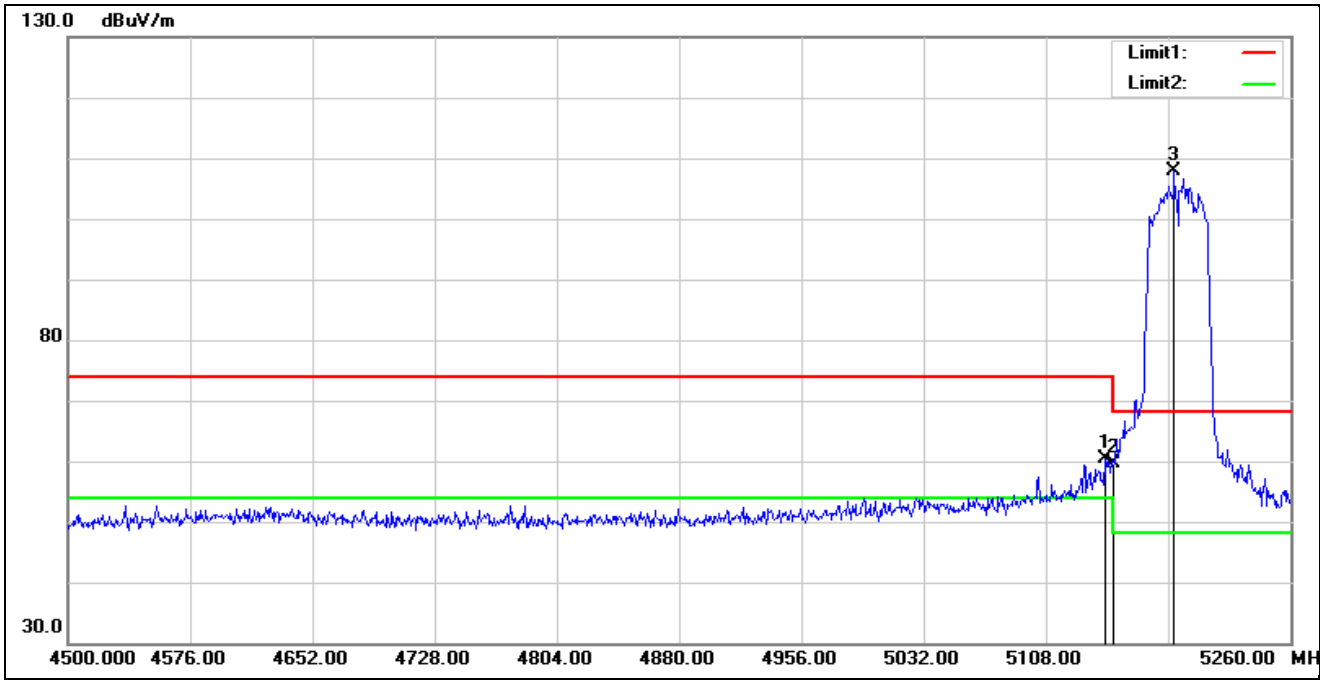

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5649.875 | 54.47 | 1.65 | 56.12 | 68.20 | -12.08 | peak |
| 2 | 5650.000 | 53.17 | 1.65 | 54.82 | 68.20 | -13.38 | peak |
| 3 | 5700.000 | 49.56 | 1.58 | 51.14 | 105.20 | -54.06 | peak |
| 4 | 5720.000 | 51.72 | 1.83 | 53.55 | 110.80 | -57.25 | peak |
| 5 | 5725.000 | 51.15 | 1.89 | 53.04 | 122.20 | -69.16 | peak |
| 6 | 5824.250 | 114.01 | 2.56 | 116.57 | 131.20 | -14.63 | peak |
| 7 | 5850.000 | 72.76 | 2.57 | 75.33 | 122.20 | -46.87 | peak |
| 8 | 5855.000 | 67.32 | 2.59 | 69.91 | 110.80 | -40.89 | peak |
| 9 | 5875.000 | 54.47 | 2.64 | 57.11 | 105.20 | -48.09 | peak |
| 10 | 5925.000 | 51.50 | 2.58 | 54.08 | 68.20 | -14.12 | peak |
| 11 | 5936.375 | 52.26 | 2.51 | 54.77 | 68.20 | -13.43 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT40 5190 MHz | | |
| Remark: | | | |



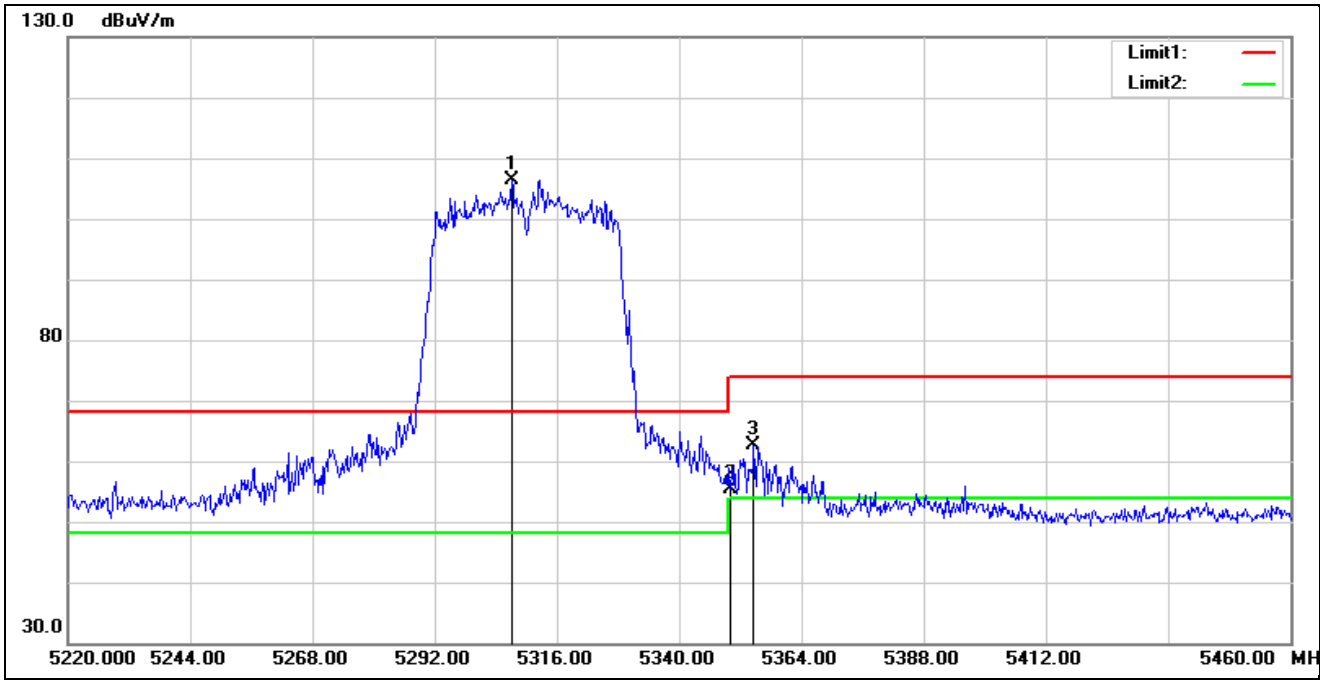

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5147.520 | 58.41 | 1.12 | 59.53 | 74.00 | -14.47 | peak |
| 2 | 5150.000 | 56.55 | 1.13 | 57.68 | 74.00 | -16.32 | peak |
| 3* | 5187.040 | 100.80 | 0.89 | 101.69 | 68.20 | 33.49 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT40 5190 MHz | | |
| Remark: | | | |



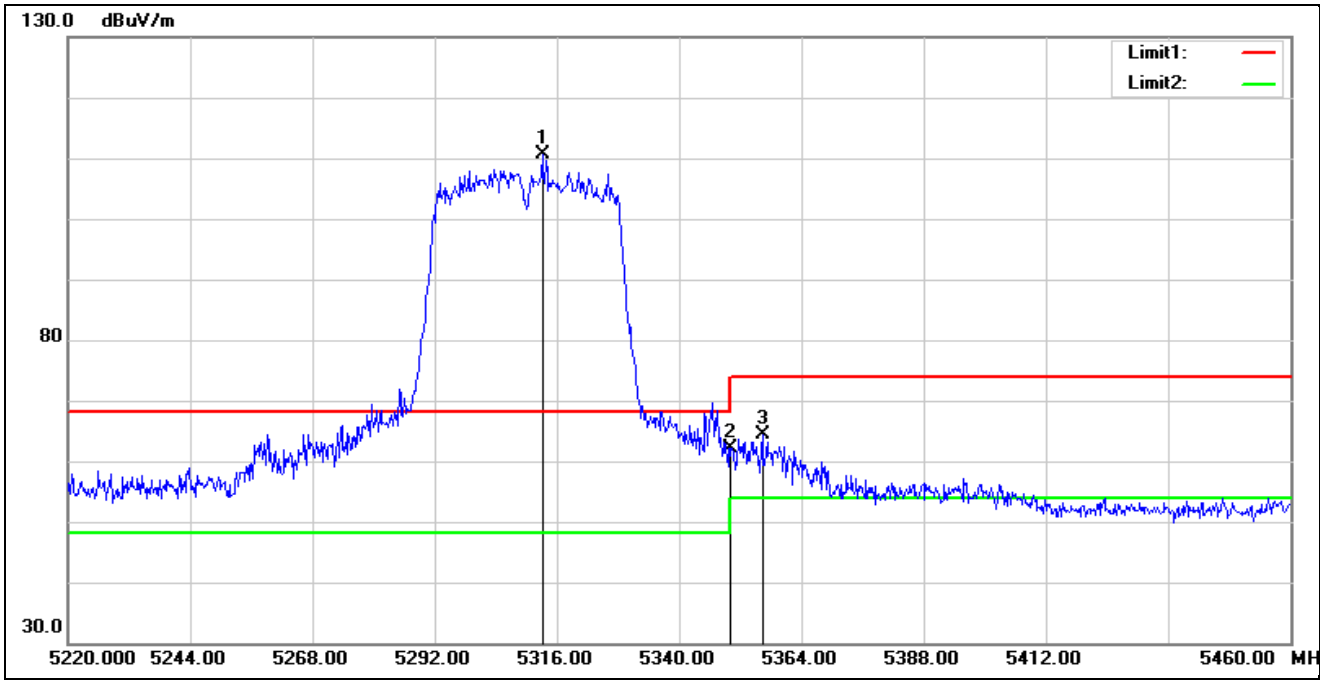

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5144.480 | 59.14 | 1.13 | 60.27 | 74.00 | -13.73 | peak |
| 2 | 5150.000 | 58.62 | 1.13 | 59.75 | 74.00 | -14.25 | peak |
| 3* | 5187.800 | 107.04 | 0.89 | 107.93 | 68.20 | 39.73 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT40 5310 MHz | | |
| Remark: | | | |



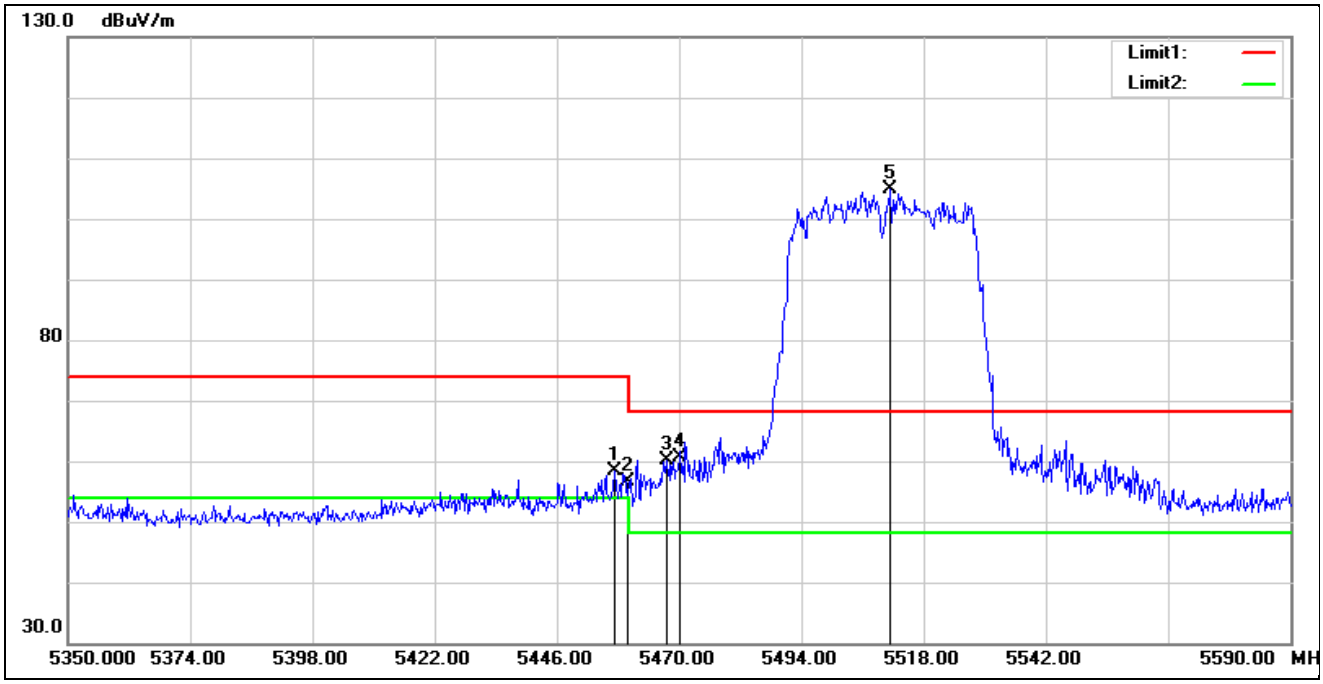

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5307.120 | 105.69 | 0.72 | 106.41 | 68.20 | 38.21 | peak |
| 2 | 5350.000 | 54.46 | 0.89 | 55.35 | 74.00 | -18.65 | peak |
| 3 | 5354.640 | 61.62 | 0.92 | 62.54 | 74.00 | -11.46 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT40 5310 MHz | | |
| Remark: | | | |



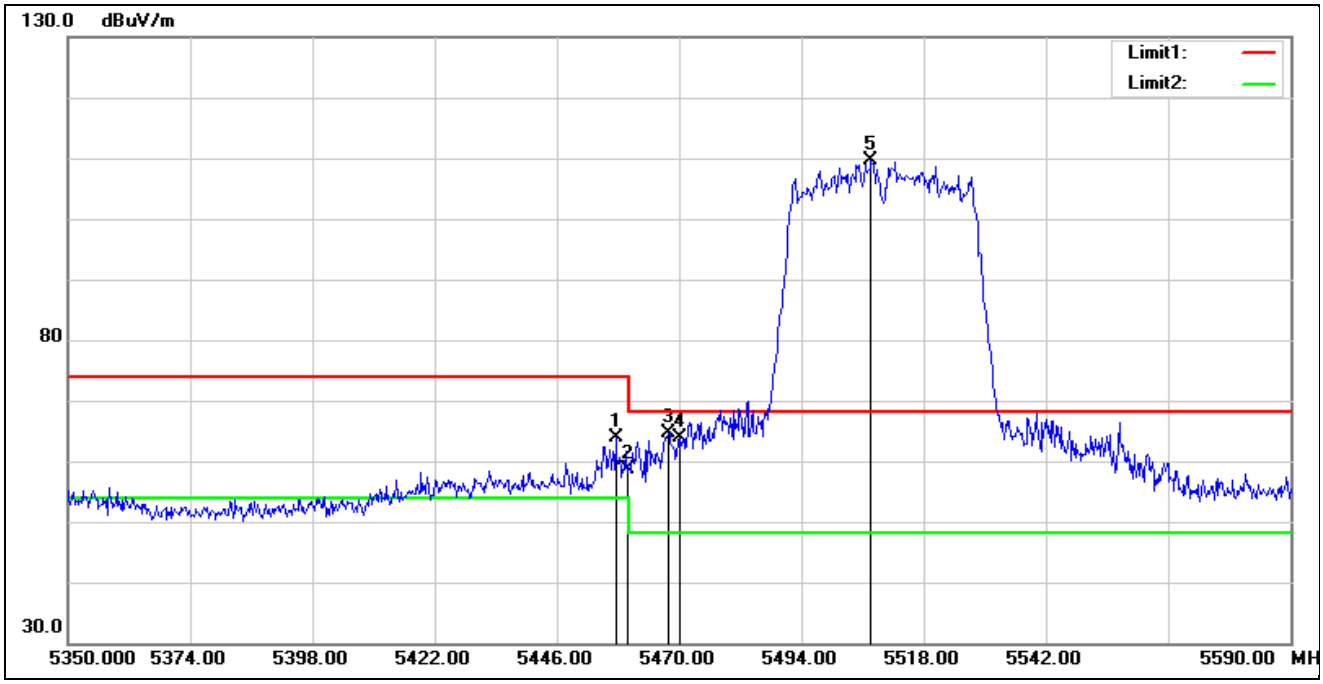

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5313.120 | 109.85 | 0.75 | 110.60 | 68.20 | 42.40 | peak |
| 2 | 5350.000 | 61.25 | 0.89 | 62.14 | 74.00 | -11.86 | peak |
| 3 | 5356.320 | 63.49 | 0.93 | 64.42 | 74.00 | -9.58 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT40 5510 MHz | | |
| Remark: | | | |




| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5457.280 | 56.72 | 1.77 | 58.49 | 74.00 | -15.51 | peak |
| 2 | 5460.000 | 54.92 | 1.79 | 56.71 | 74.00 | -17.29 | peak |
| 3 | 5467.600 | 58.30 | 1.80 | 60.10 | 68.20 | -8.10 | peak |
| 4 | 5470.000 | 58.79 | 1.80 | 60.59 | 68.20 | -7.61 | peak |
| 5* | 5511.520 | 103.02 | 1.81 | 104.83 | 68.20 | 36.63 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT40 5510 MHz | | |
| Remark: | | | |




| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5457.520 | 62.17 | 1.77 | 63.94 | 74.00 | -10.06 | peak |
| 2 | 5460.000 | 56.91 | 1.79 | 58.70 | 74.00 | -15.30 | peak |
| 3 | 5467.840 | 62.81 | 1.80 | 64.61 | 68.20 | -3.59 | peak |
| 4 | 5470.000 | 62.11 | 1.80 | 63.91 | 68.20 | -4.29 | peak |
| 5* | 5507.680 | 107.70 | 1.83 | 109.53 | 68.20 | 41.33 | peak |

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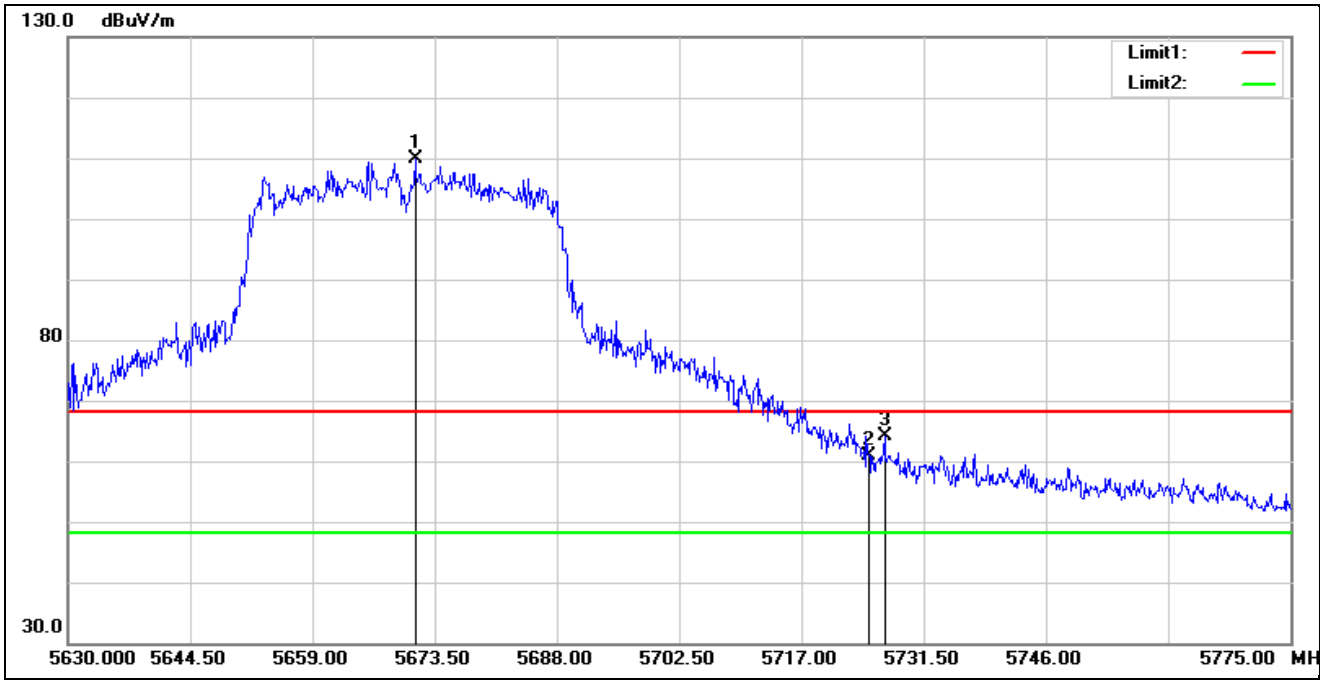
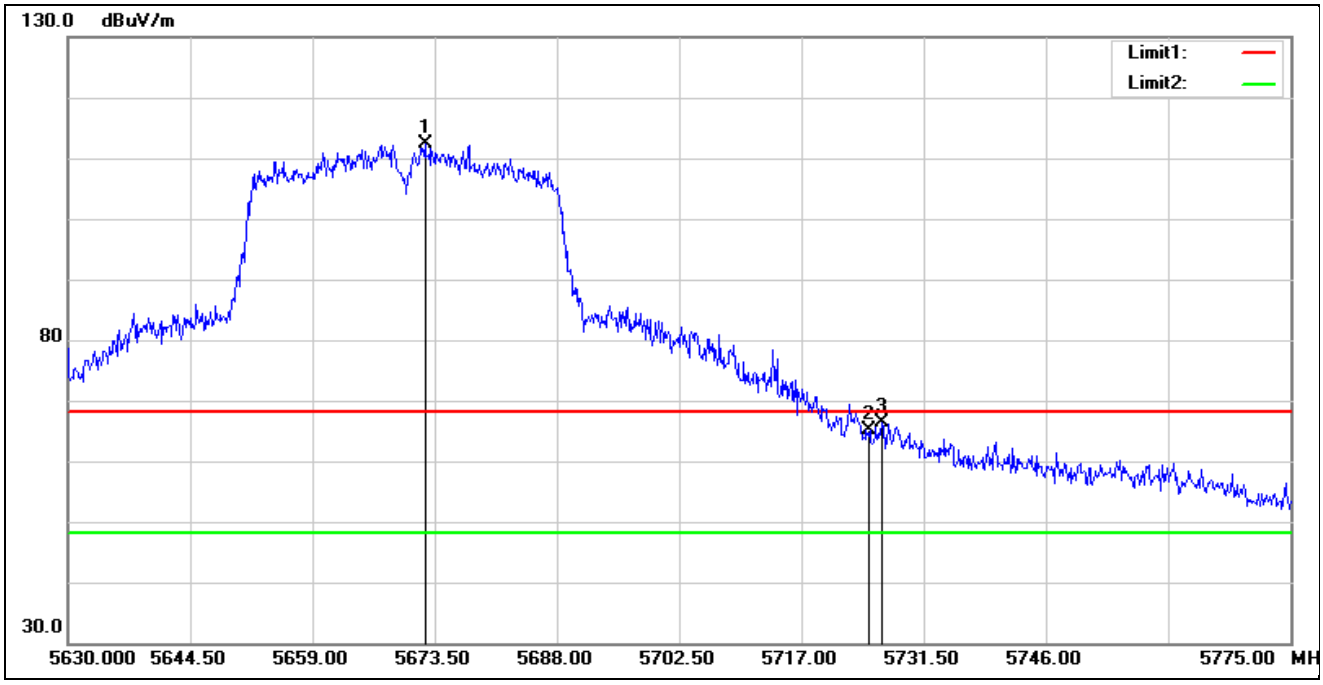
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT40 5670 MHz | | |
| Remark: | | | |




| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5671.180 | 108.14 | 1.63 | 109.77 | 68.20 | 41.57 | peak |
| 2 | 5725.000 | 59.07 | 1.89 | 60.96 | 68.20 | -7.24 | peak |
| 3 | 5726.860 | 62.13 | 1.92 | 64.05 | 68.20 | -4.15 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT40 5670 MHz | | |
| Remark: | | | |




| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5672.340 | 110.71 | 1.63 | 112.34 | 68.20 | 44.14 | peak |
| 2 | 5725.000 | 63.35 | 1.89 | 65.24 | 68.20 | -2.96 | peak |
| 3 | 5726.570 | 64.52 | 1.92 | 66.44 | 68.20 | -1.76 | peak |

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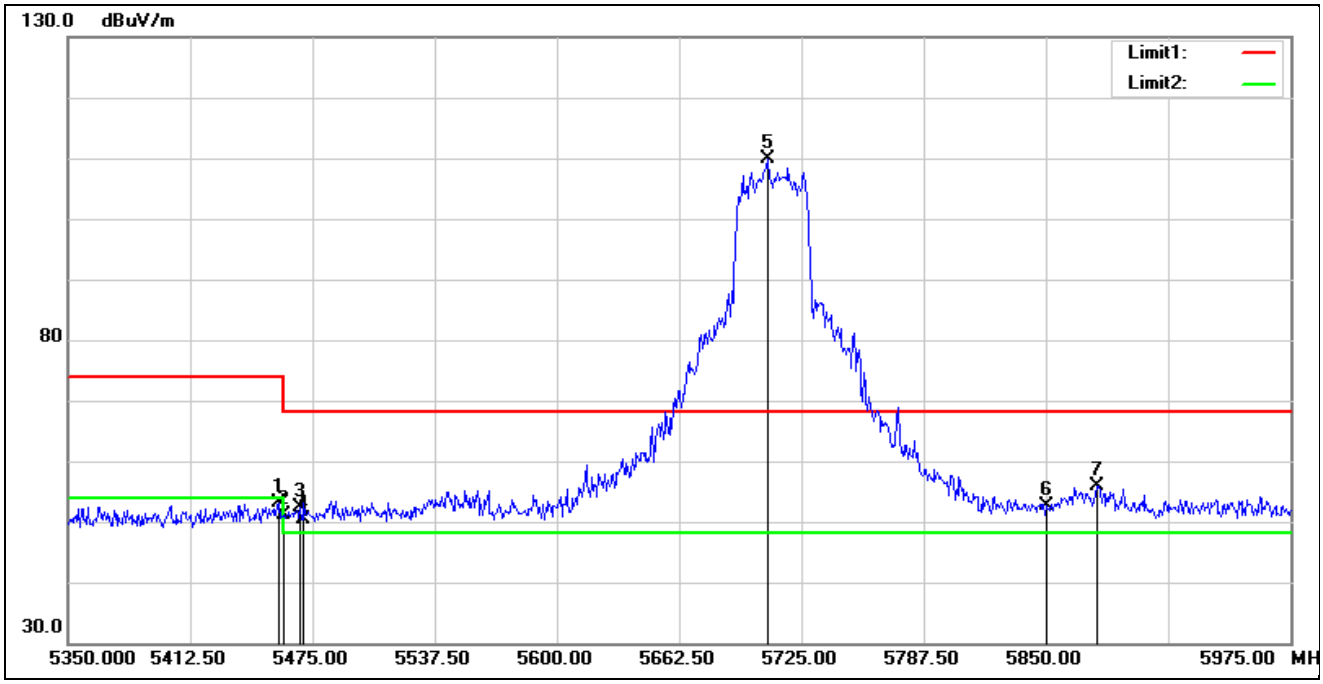
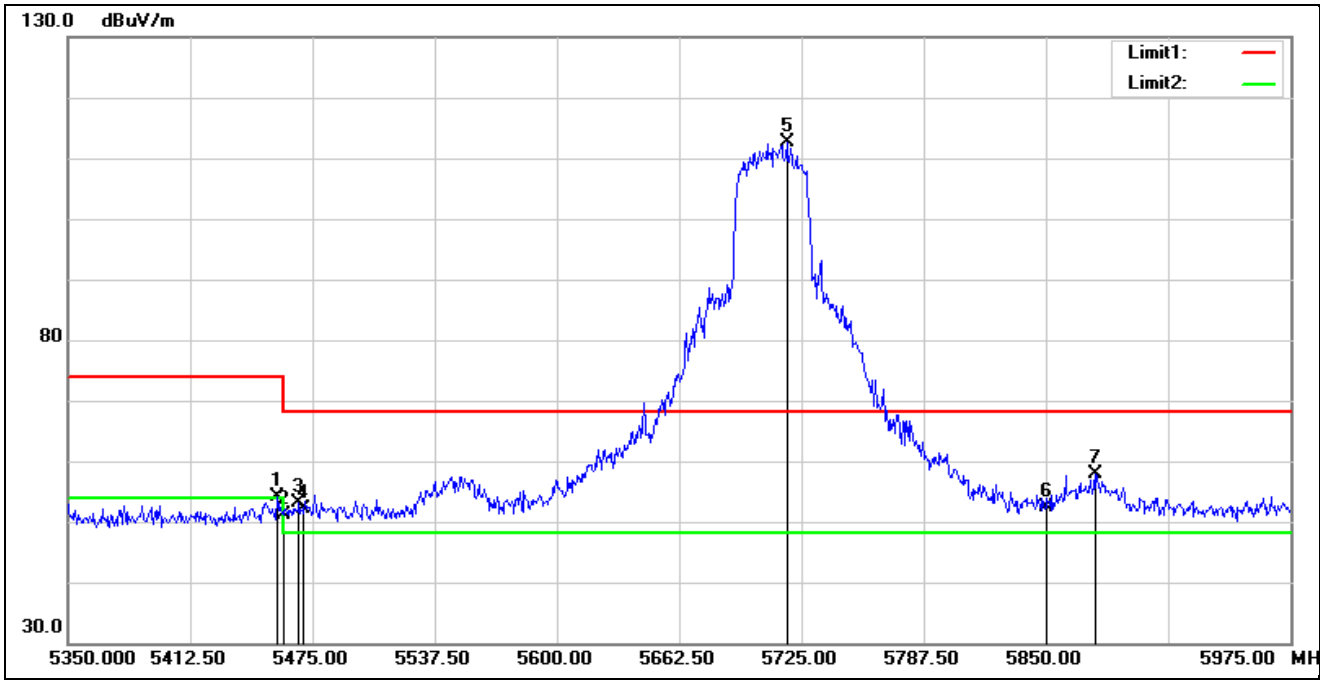
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT40 5710 MHz | | |
| Remark: | | | |



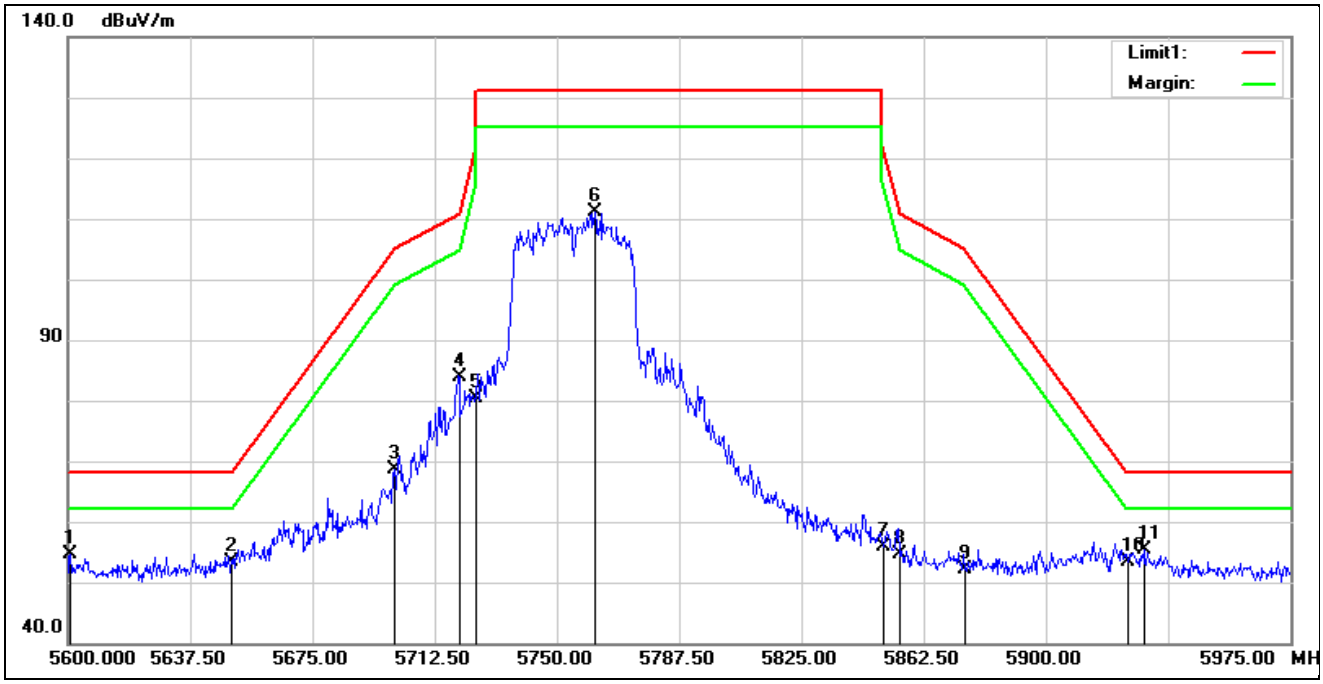

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5458.125 | 51.47 | 1.78 | 53.25 | 74.00 | -20.75 | peak |
| 2 | 5460.000 | 49.45 | 1.79 | 51.24 | 74.00 | -22.76 | peak |
| 3 | 5468.750 | 50.48 | 1.80 | 52.28 | 68.20 | -15.92 | peak |
| 4 | 5470.000 | 48.57 | 1.80 | 50.37 | 68.20 | -17.83 | peak |
| 5* | 5707.500 | 108.15 | 1.67 | 109.82 | 68.20 | 41.62 | peak |
| 6 | 5850.000 | 50.13 | 2.57 | 52.70 | 68.20 | -15.50 | peak |
| 7 | 5876.250 | 53.27 | 2.64 | 55.91 | 68.20 | -12.29 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT40 5710 MHz | | |
| Remark: | | | |



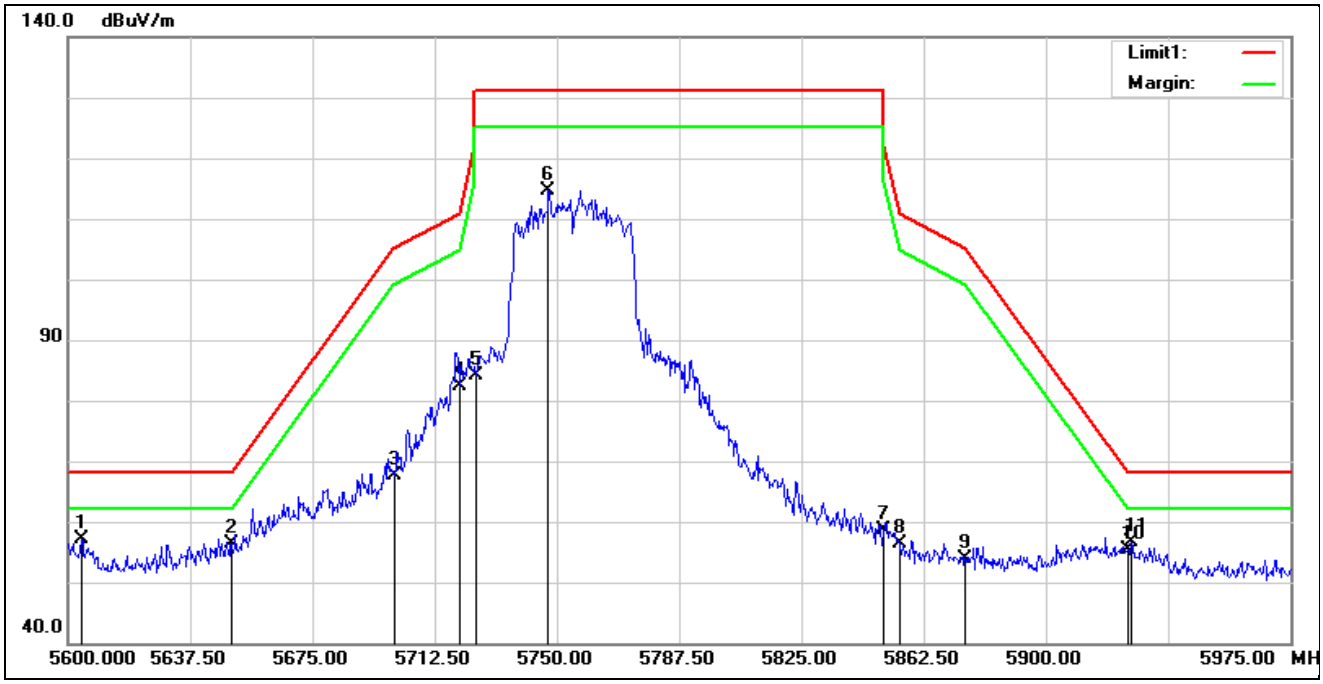

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5456.875 | 52.31 | 1.77 | 54.08 | 74.00 | -19.92 | peak |
| 2 | 5460.000 | 49.24 | 1.79 | 51.03 | 74.00 | -22.97 | peak |
| 3 | 5468.125 | 51.45 | 1.80 | 53.25 | 68.20 | -14.95 | peak |
| 4 | 5470.000 | 50.21 | 1.80 | 52.01 | 68.20 | -16.19 | peak |
| 5* | 5717.500 | 110.74 | 1.80 | 112.54 | 68.20 | 44.34 | peak |
| 6 | 5850.000 | 49.72 | 2.57 | 52.29 | 68.20 | -15.91 | peak |
| 7 | 5875.000 | 55.12 | 2.64 | 57.76 | 68.20 | -10.44 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT40 5755 MHz | | |
| Remark: | | | |



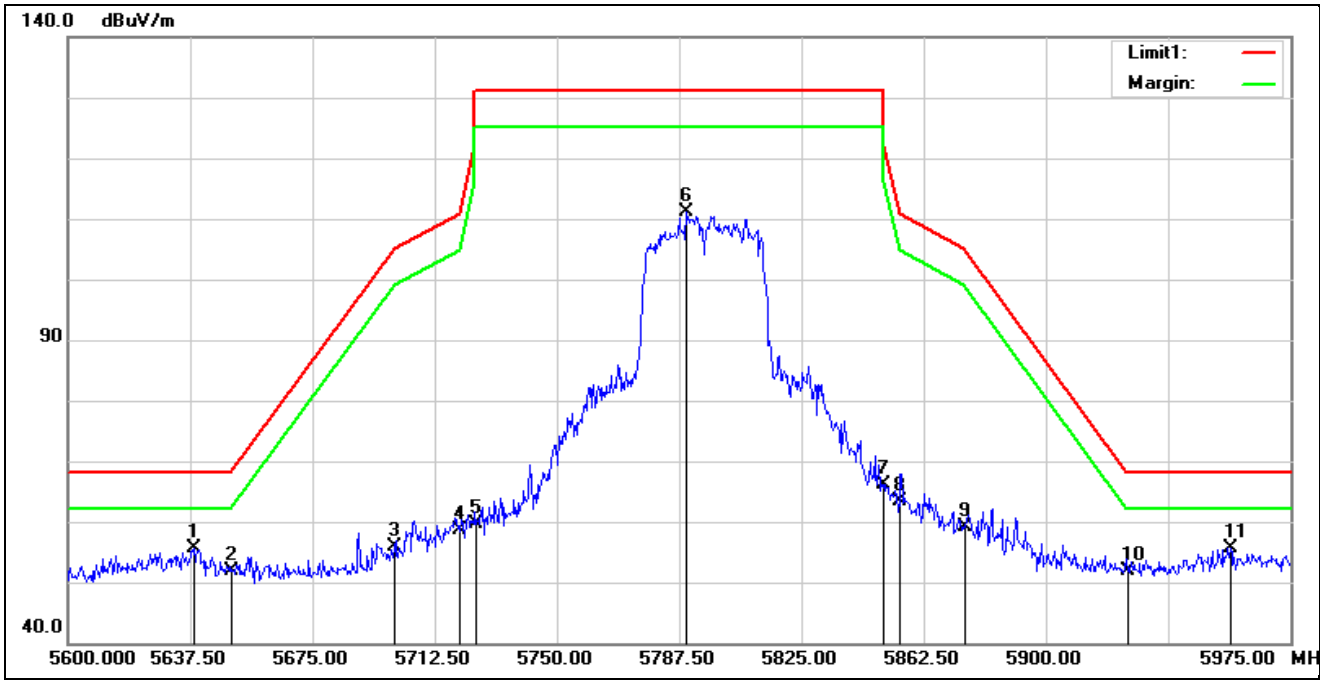

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5600.750 | 53.03 | 1.62 | 54.65 | 68.20 | -13.55 | peak |
| 2 | 5650.000 | 51.71 | 1.65 | 53.36 | 68.20 | -14.84 | peak |
| 3 | 5700.000 | 66.95 | 1.58 | 68.53 | 105.20 | -36.67 | peak |
| 4 | 5720.000 | 82.01 | 1.83 | 83.84 | 110.80 | -26.96 | peak |
| 5 | 5725.000 | 78.61 | 1.89 | 80.50 | 122.20 | -41.70 | peak |
| 6 | 5761.625 | 108.91 | 2.29 | 111.20 | 131.20 | -20.00 | peak |
| 7 | 5850.000 | 53.39 | 2.57 | 55.96 | 122.20 | -66.24 | peak |
| 8 | 5855.000 | 52.04 | 2.59 | 54.63 | 110.80 | -56.17 | peak |
| 9 | 5875.000 | 49.42 | 2.64 | 52.06 | 105.20 | -53.14 | peak |
| 10 | 5925.000 | 50.82 | 2.58 | 53.40 | 68.20 | -14.80 | peak |
| 11* | 5930.000 | 52.86 | 2.55 | 55.41 | 68.20 | -12.79 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT40 5755 MHz | | |
| Remark: | | | |



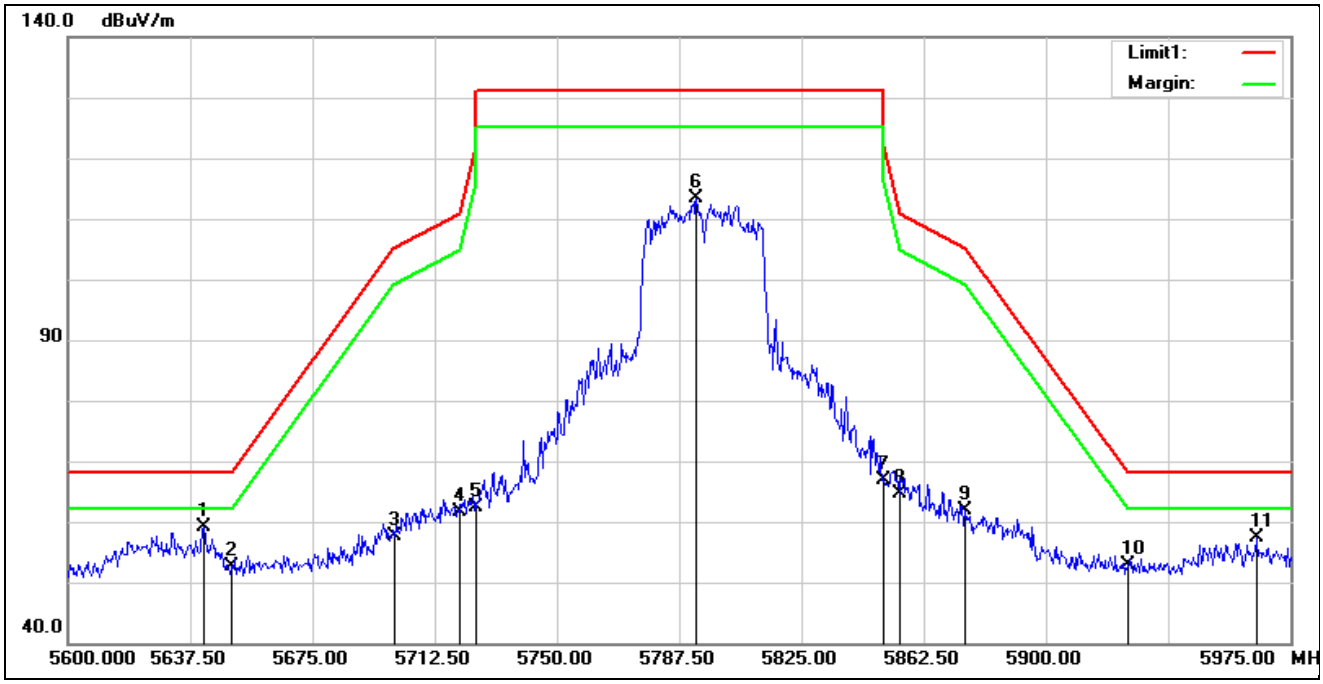

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5604.125 | 55.63 | 1.62 | 57.25 | 68.20 | -10.95 | peak |
| 2 | 5650.000 | 54.75 | 1.65 | 56.40 | 68.20 | -11.80 | peak |
| 3 | 5700.000 | 66.04 | 1.58 | 67.62 | 105.20 | -37.58 | peak |
| 4 | 5720.000 | 80.56 | 1.83 | 82.39 | 110.80 | -28.41 | peak |
| 5 | 5725.000 | 82.20 | 1.89 | 84.09 | 122.20 | -38.11 | peak |
| 6 | 5747.375 | 112.43 | 2.18 | 114.61 | 131.20 | -16.59 | peak |
| 7 | 5850.000 | 56.03 | 2.57 | 58.60 | 122.20 | -63.60 | peak |
| 8 | 5855.000 | 53.87 | 2.59 | 56.46 | 110.80 | -54.34 | peak |
| 9 | 5875.000 | 51.21 | 2.64 | 53.85 | 105.20 | -51.35 | peak |
| 10 | 5925.000 | 52.90 | 2.58 | 55.48 | 68.20 | -12.72 | peak |
| 11 | 5926.250 | 54.04 | 2.57 | 56.61 | 68.20 | -11.59 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT40 5795 MHz | | |
| Remark: | | | |



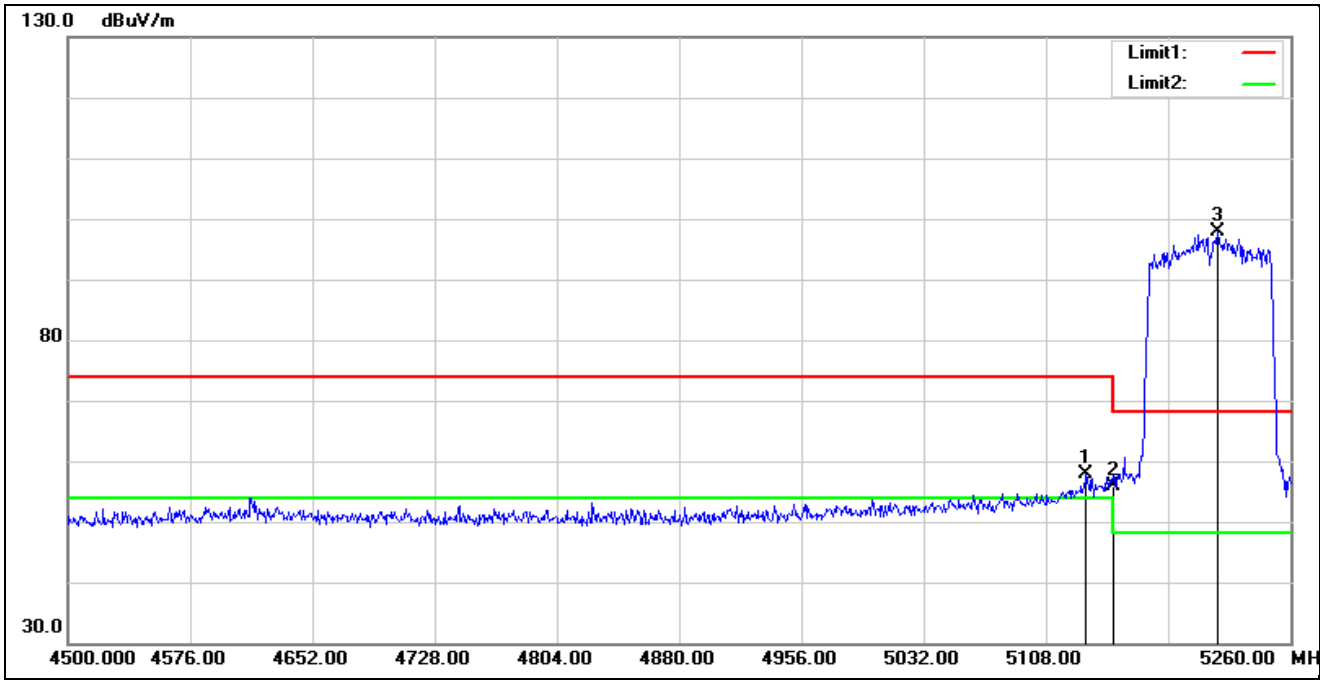

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5638.625 | 54.09 | 1.64 | 55.73 | 68.20 | -12.47 | peak |
| 2 | 5650.000 | 50.34 | 1.65 | 51.99 | 68.20 | -16.21 | peak |
| 3 | 5700.000 | 54.39 | 1.58 | 55.97 | 105.20 | -49.23 | peak |
| 4 | 5720.000 | 56.77 | 1.83 | 58.60 | 110.80 | -52.20 | peak |
| 5 | 5725.000 | 57.68 | 1.89 | 59.57 | 122.20 | -62.63 | peak |
| 6 | 5789.750 | 108.70 | 2.48 | 111.18 | 131.20 | -20.02 | peak |
| 7 | 5850.000 | 63.45 | 2.57 | 66.02 | 122.20 | -56.18 | peak |
| 8 | 5855.000 | 60.68 | 2.59 | 63.27 | 110.80 | -47.53 | peak |
| 9 | 5875.000 | 56.41 | 2.64 | 59.05 | 105.20 | -46.15 | peak |
| 10 | 5925.000 | 49.32 | 2.58 | 51.90 | 68.20 | -16.30 | peak |
| 11* | 5956.625 | 53.29 | 2.45 | 55.74 | 68.20 | -12.46 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT40 5795 MHz | | |
| Remark: | | | |



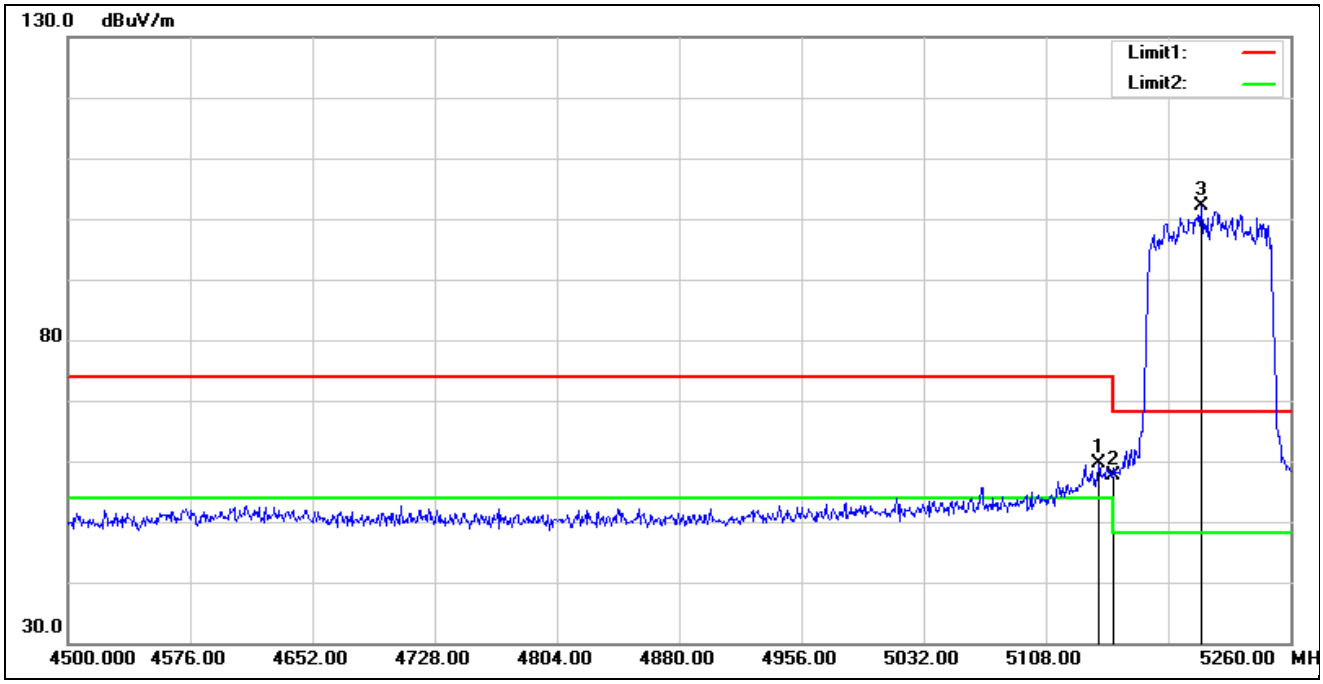

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5641.625 | 57.43 | 1.65 | 59.08 | 68.20 | -9.12 | peak |
| 2 | 5650.000 | 51.08 | 1.65 | 52.73 | 68.20 | -15.47 | peak |
| 3 | 5700.000 | 56.12 | 1.58 | 57.70 | 105.20 | -47.50 | peak |
| 4 | 5720.000 | 59.91 | 1.83 | 61.74 | 110.80 | -49.06 | peak |
| 5 | 5725.000 | 60.51 | 1.89 | 62.40 | 122.20 | -59.80 | peak |
| 6 | 5792.750 | 110.88 | 2.50 | 113.38 | 131.20 | -17.82 | peak |
| 7 | 5850.000 | 64.38 | 2.57 | 66.95 | 122.20 | -55.25 | peak |
| 8 | 5855.000 | 61.96 | 2.59 | 64.55 | 110.80 | -46.25 | peak |
| 9 | 5875.000 | 59.24 | 2.64 | 61.88 | 105.20 | -43.32 | peak |
| 10 | 5925.000 | 50.18 | 2.58 | 52.76 | 68.20 | -15.44 | peak |
| 11 | 5964.500 | 54.84 | 2.47 | 57.31 | 68.20 | -10.89 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT80 5210 MHz | | |
| Remark: | | | |



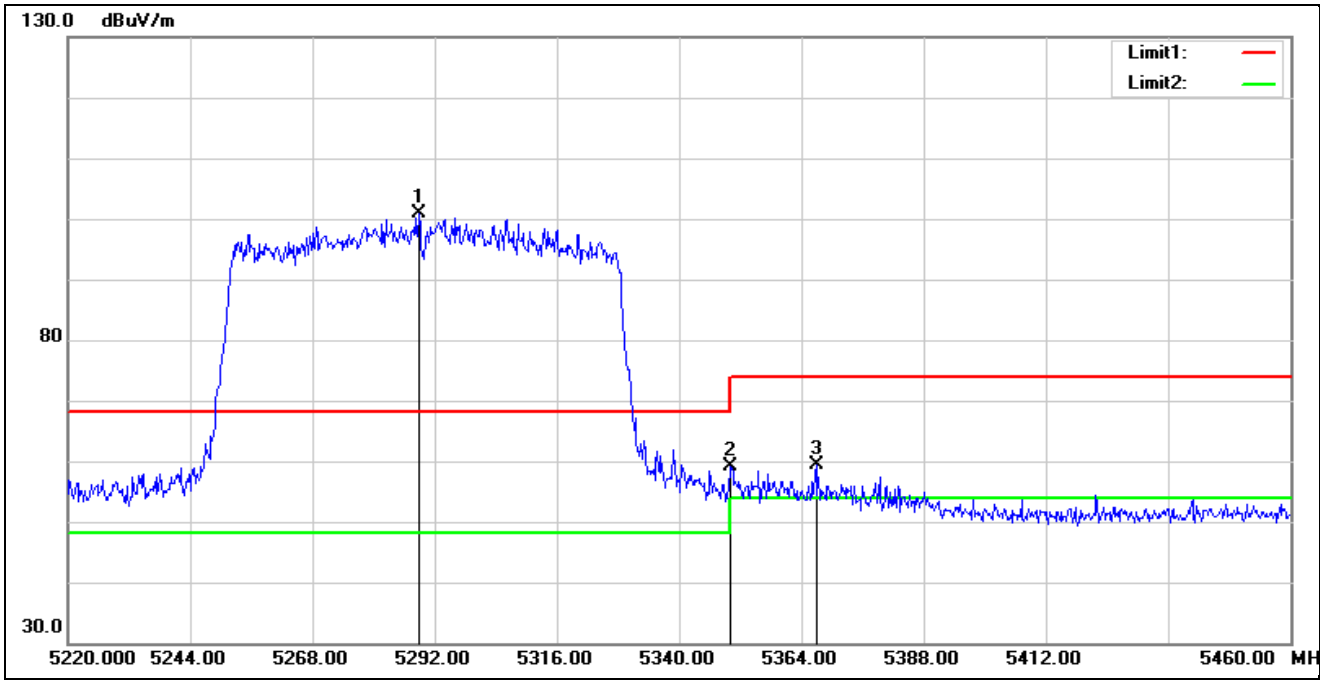

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5133.080 | 56.74 | 1.12 | 57.86 | 74.00 | -16.14 | peak |
| 2 | 5150.000 | 54.82 | 1.13 | 55.95 | 74.00 | -18.05 | peak |
| 3* | 5215.160 | 97.10 | 0.81 | 97.91 | 68.20 | 29.71 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT80 5210 MHz | | |
| Remark: | | | |



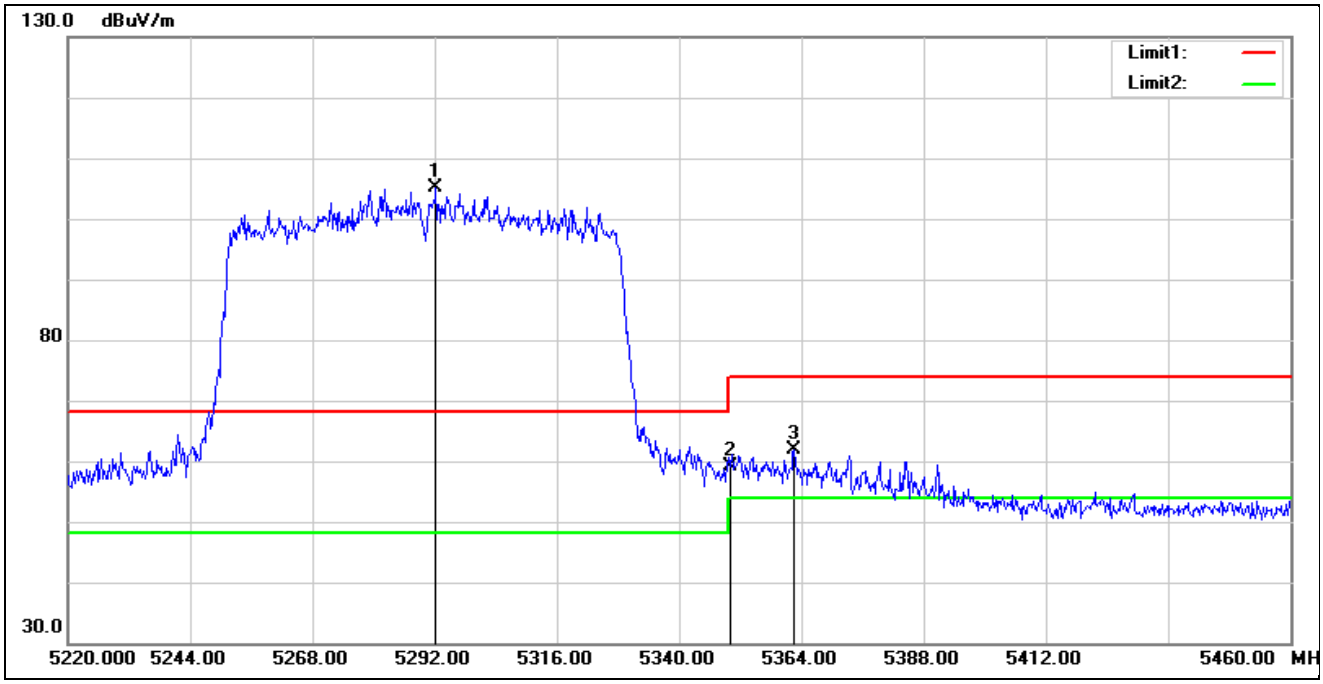

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5140.680 | 58.58 | 1.13 | 59.71 | 74.00 | -14.29 | peak |
| 2 | 5150.000 | 56.53 | 1.13 | 57.66 | 74.00 | -16.34 | peak |
| 3* | 5204.520 | 101.32 | 0.82 | 102.14 | 68.20 | 33.94 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT80 5290 MHz | | |
| Remark: | | | |



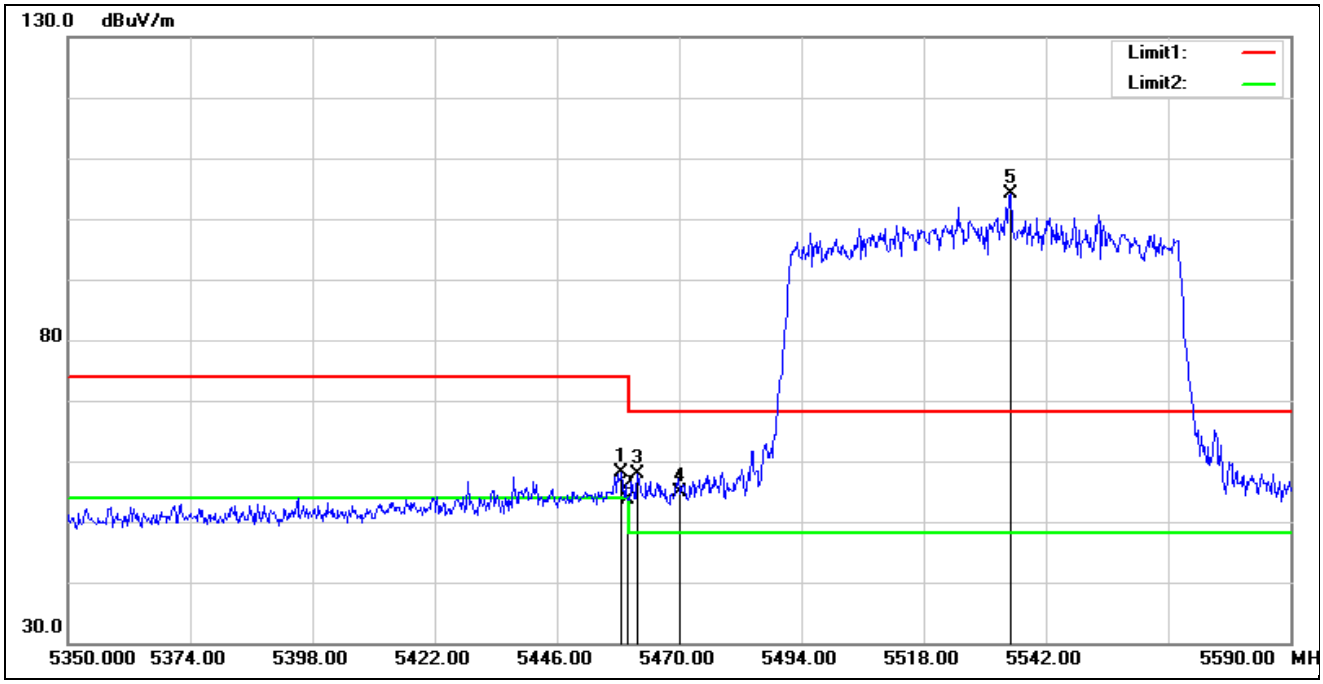

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5288.880 | 100.08 | 0.72 | 100.80 | 68.20 | 32.60 | peak |
| 2 | 5350.000 | 58.12 | 0.89 | 59.01 | 74.00 | -14.99 | peak |
| 3 | 5366.880 | 58.32 | 1.02 | 59.34 | 74.00 | -14.66 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT80 5290 MHz | | |
| Remark: | | | |



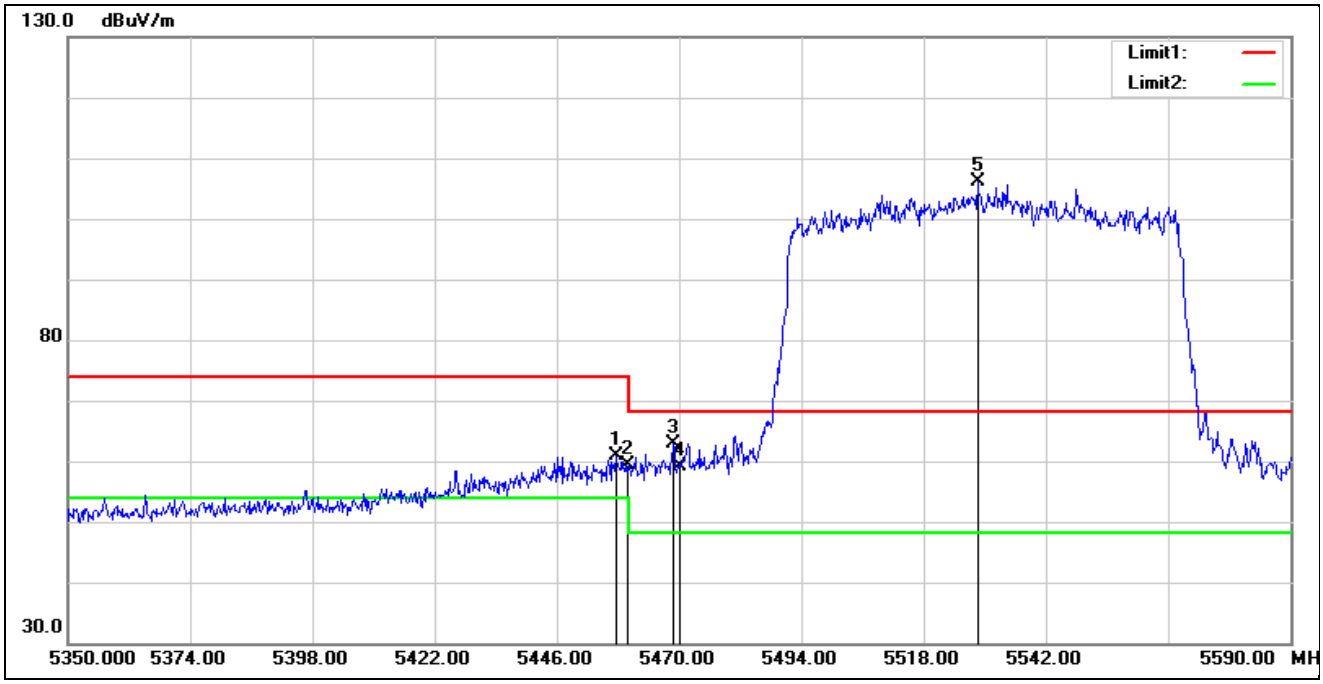

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5292.240 | 104.53 | 0.72 | 105.25 | 68.20 | 37.05 | peak |
| 2 | 5350.000 | 58.15 | 0.89 | 59.04 | 74.00 | -14.96 | peak |
| 3 | 5362.560 | 60.87 | 0.99 | 61.86 | 74.00 | -12.14 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT80 5530 MHz | | |
| Remark: | | | |



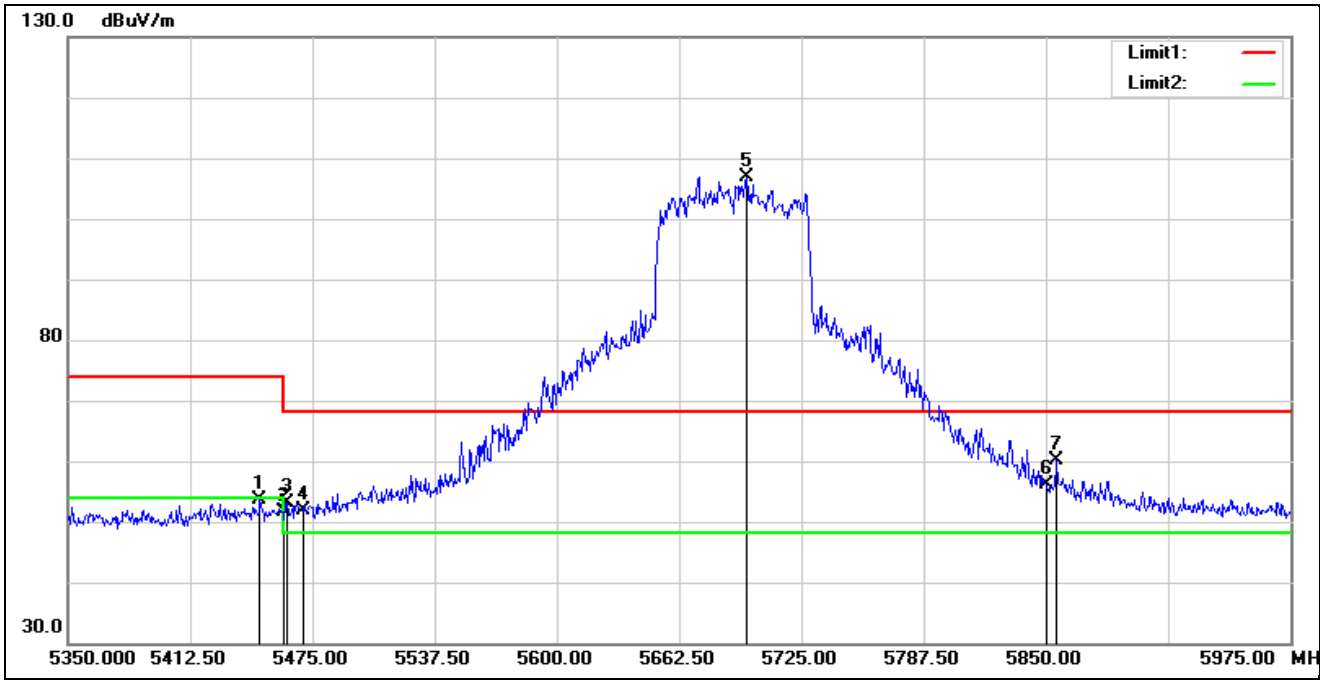

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5458.720 | 56.35 | 1.79 | 58.14 | 74.00 | -15.86 | peak |
| 2 | 5460.000 | 51.90 | 1.79 | 53.69 | 74.00 | -20.31 | peak |
| 3 | 5461.840 | 56.11 | 1.79 | 57.90 | 68.20 | -10.30 | peak |
| 4 | 5470.000 | 53.09 | 1.80 | 54.89 | 68.20 | -13.31 | peak |
| 5* | 5535.040 | 102.27 | 1.74 | 104.01 | 68.20 | 35.81 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT80 5530 MHz | | |
| Remark: | | | |



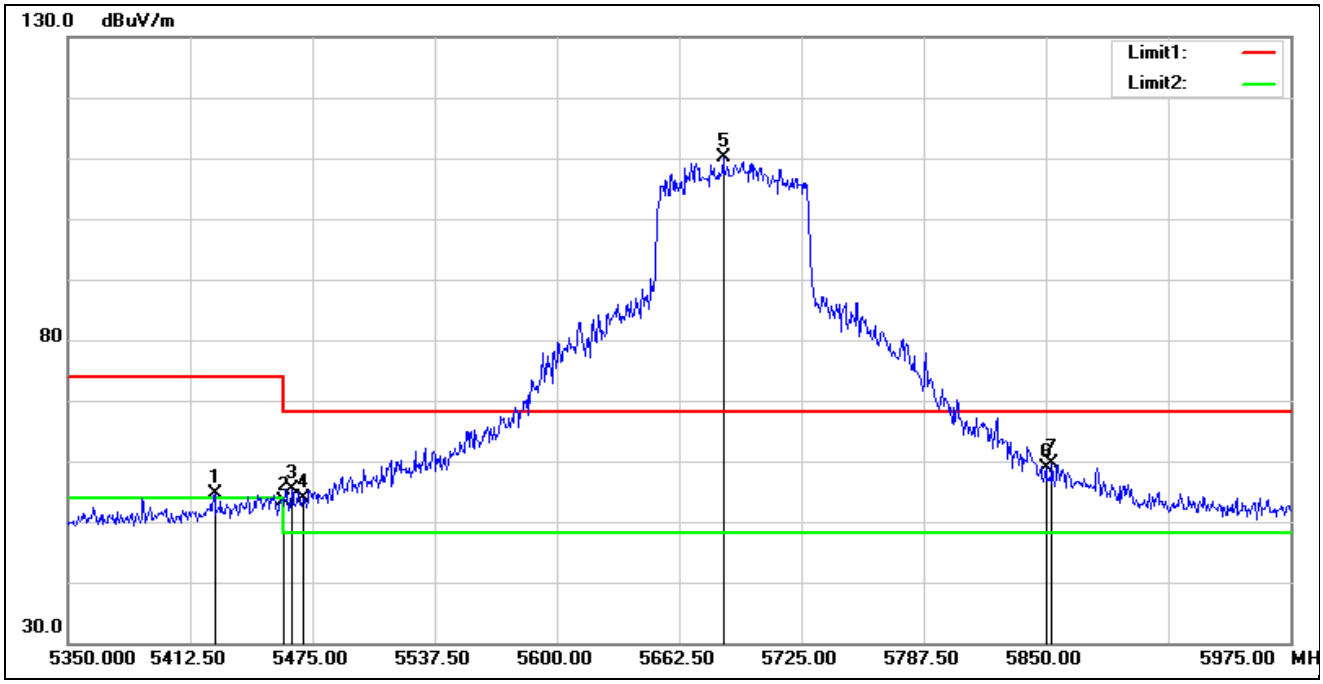

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5457.520 | 59.14 | 1.77 | 60.91 | 74.00 | -13.09 | peak |
| 2 | 5460.000 | 57.54 | 1.79 | 59.33 | 74.00 | -14.67 | peak |
| 3 | 5468.800 | 61.12 | 1.80 | 62.92 | 68.20 | -5.28 | peak |
| 4 | 5470.000 | 57.41 | 1.80 | 59.21 | 68.20 | -8.99 | peak |
| 5* | 5528.560 | 104.40 | 1.77 | 106.17 | 68.20 | 37.97 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT80 5690 MHz | | |
| Remark: | | | |



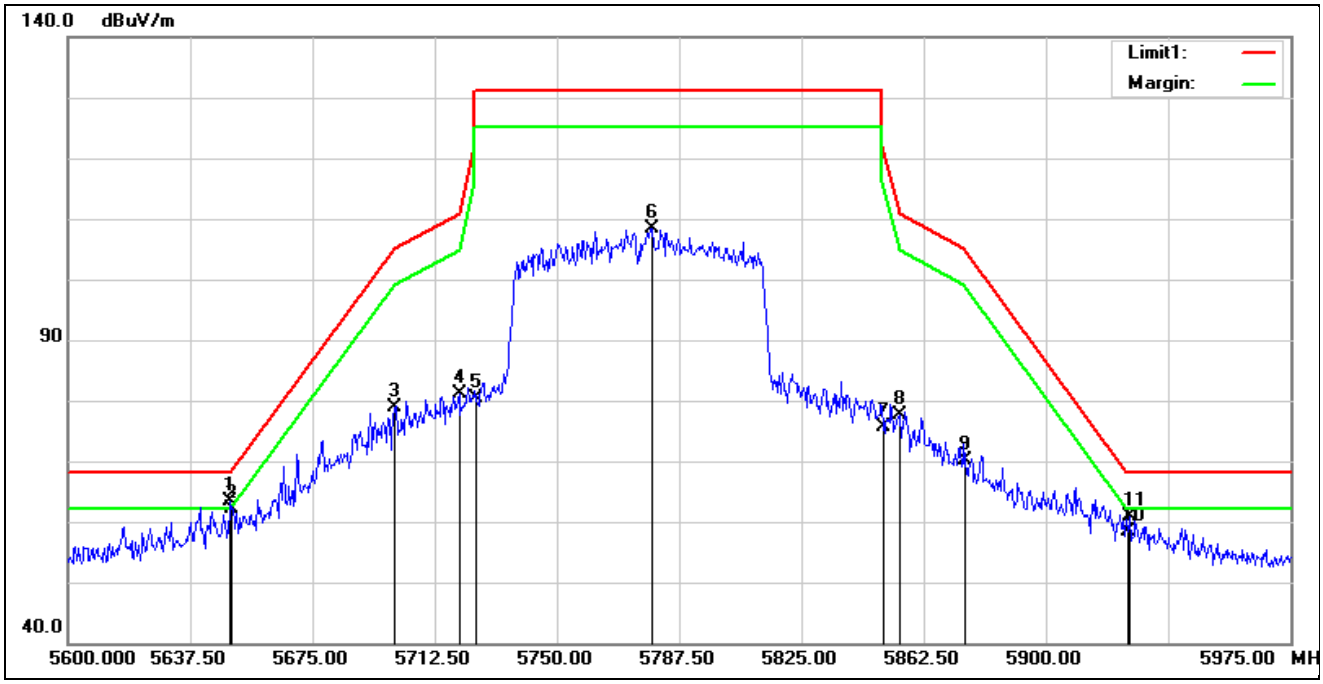

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5448.125 | 51.83 | 1.75 | 53.58 | 74.00 | -20.42 | peak |
| 2 | 5460.000 | 49.86 | 1.79 | 51.65 | 74.00 | -22.35 | peak |
| 3 | 5461.875 | 51.27 | 1.79 | 53.06 | 68.20 | -15.14 | peak |
| 4 | 5470.000 | 50.20 | 1.80 | 52.00 | 68.20 | -16.20 | peak |
| 5* | 5696.875 | 105.40 | 1.58 | 106.98 | 68.20 | 38.78 | peak |
| 6 | 5850.000 | 53.64 | 2.57 | 56.21 | 68.20 | -11.99 | peak |
| 7 | 5855.625 | 57.44 | 2.59 | 60.03 | 68.20 | -8.17 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT80 5690 MHz | | |
| Remark: | | | |



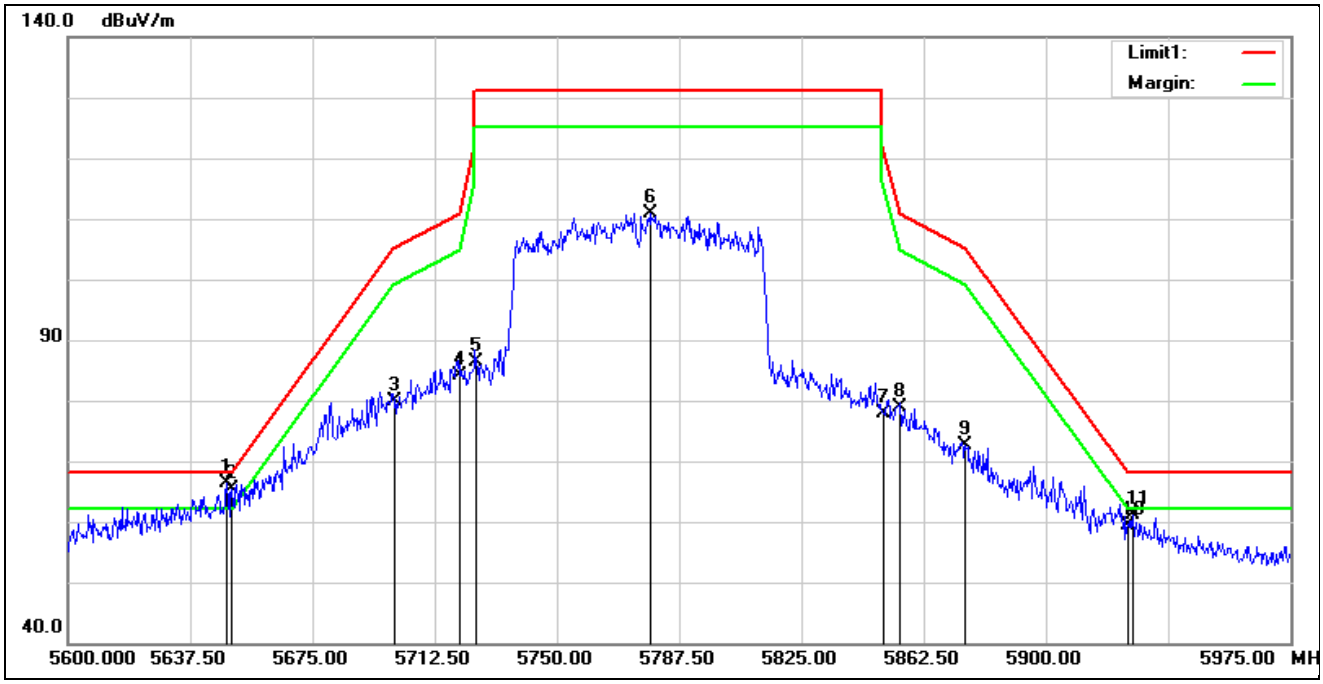

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5425.000 | 53.02 | 1.52 | 54.54 | 74.00 | -19.46 | peak |
| 2 | 5460.000 | 51.53 | 1.79 | 53.32 | 74.00 | -20.68 | peak |
| 3 | 5464.375 | 53.61 | 1.79 | 55.40 | 68.20 | -12.80 | peak |
| 4 | 5470.000 | 52.07 | 1.80 | 53.87 | 68.20 | -14.33 | peak |
| 5* | 5685.000 | 108.63 | 1.61 | 110.24 | 68.20 | 42.04 | peak |
| 6 | 5850.000 | 56.43 | 2.57 | 59.00 | 68.20 | -9.20 | peak |
| 7 | 5853.125 | 56.92 | 2.59 | 59.51 | 68.20 | -8.69 | peak |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT80 5775 MHz | | |
| Remark: | | | |




| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5649.875 | 61.65 | 1.65 | 63.30 | 68.20 | -4.90 | peak |
| 2!! | 5650.000 | 60.60 | 1.65 | 62.25 | 68.20 | -5.95 | peak |
| 3 | 5700.000 | 77.28 | 1.58 | 78.86 | 105.20 | -26.34 | peak |
| 4 | 5720.000 | 79.28 | 1.83 | 81.11 | 110.80 | -29.69 | peak |
| 5 | 5725.000 | 78.59 | 1.89 | 80.48 | 122.20 | -41.72 | peak |
| 6 | 5779.250 | 105.99 | 2.41 | 108.40 | 131.20 | -22.80 | peak |
| 7 | 5850.000 | 73.16 | 2.57 | 75.73 | 122.20 | -46.47 | peak |
| 8 | 5855.000 | 75.09 | 2.59 | 77.68 | 110.80 | -33.12 | peak |
| 9 | 5875.000 | 67.60 | 2.64 | 70.24 | 105.20 | -34.96 | peak |
| 10 | 5925.000 | 55.81 | 2.58 | 58.39 | 68.20 | -9.81 | peak |
| 11 | 5925.875 | 58.30 | 2.57 | 60.87 | 68.20 | -7.33 | peak |

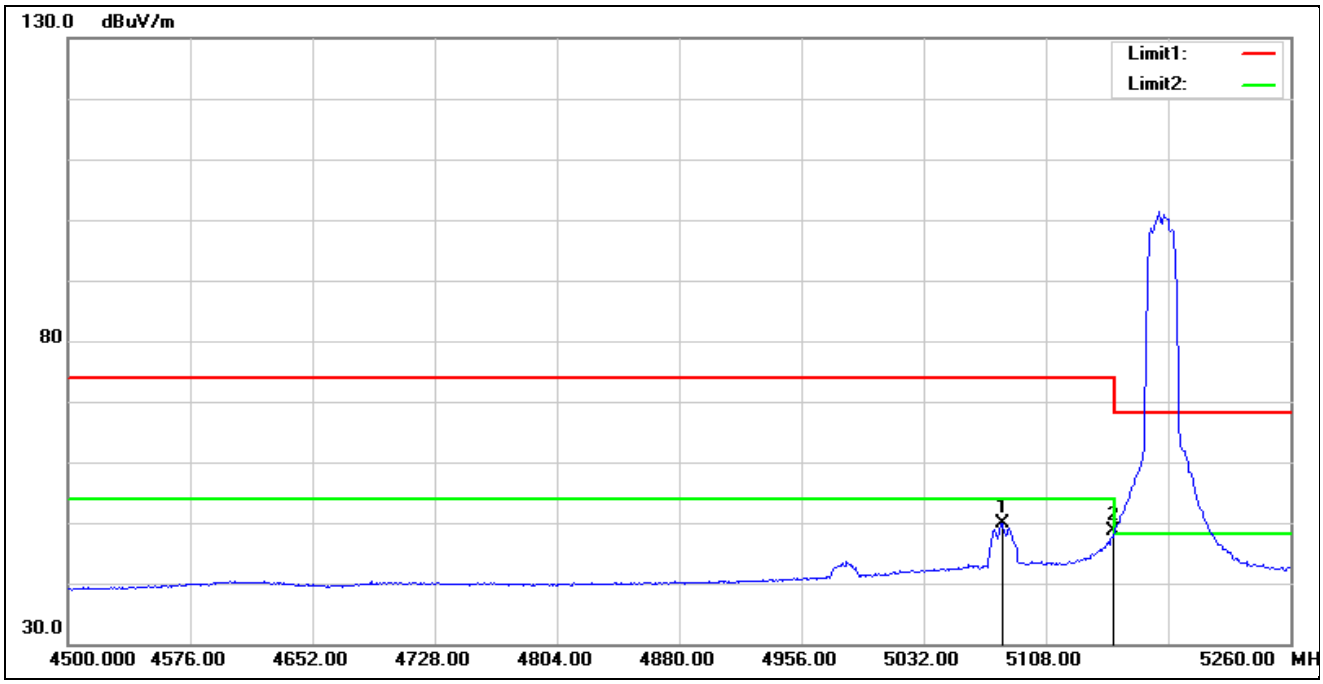
| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT80 5775 MHz | | |
| Remark: | | | |




| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5648.750 | 64.81 | 1.65 | 66.46 | 68.20 | -1.74 | peak |
| 2!! | 5650.000 | 63.65 | 1.65 | 65.30 | 68.20 | -2.90 | peak |
| 3 | 5700.000 | 78.34 | 1.58 | 79.92 | 105.20 | -25.28 | peak |
| 4 | 5720.000 | 82.24 | 1.83 | 84.07 | 110.80 | -26.73 | peak |
| 5 | 5725.000 | 84.46 | 1.89 | 86.35 | 122.20 | -35.85 | peak |
| 6 | 5778.500 | 108.59 | 2.40 | 110.99 | 131.20 | -20.21 | peak |
| 7 | 5850.000 | 75.21 | 2.57 | 77.78 | 122.20 | -44.42 | peak |
| 8 | 5855.000 | 76.18 | 2.59 | 78.77 | 110.80 | -32.03 | peak |
| 9 | 5875.000 | 69.91 | 2.64 | 72.55 | 105.20 | -32.65 | peak |
| 10 | 5925.000 | 56.75 | 2.58 | 59.33 | 68.20 | -8.87 | peak |
| 11 | 5926.625 | 58.54 | 2.57 | 61.11 | 68.20 | -7.09 | peak |

Average

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5180 MHz | | |
| Remark: | | | |




| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5080.640 | 48.85 | 1.03 | 49.88 | 54.00 | -4.12 | AVG |
| 2 | 5150.000 | 47.40 | 1.13 | 48.53 | 54.00 | -5.47 | AVG |

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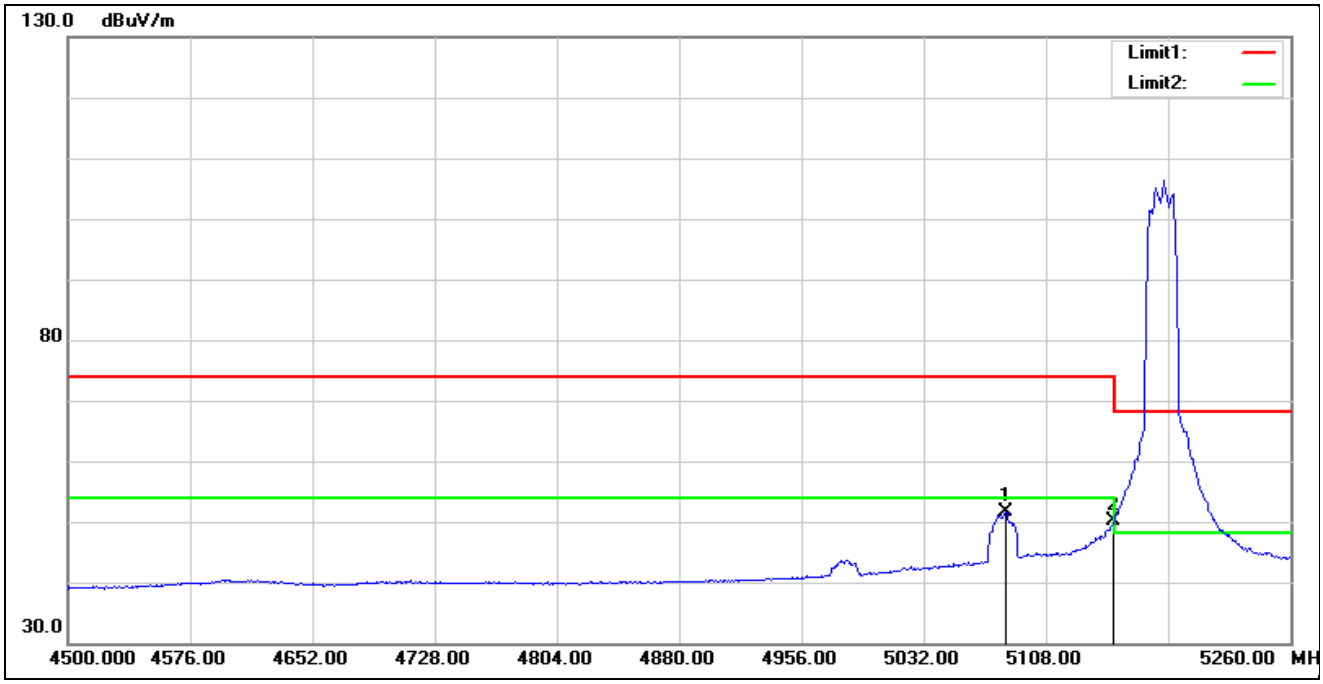
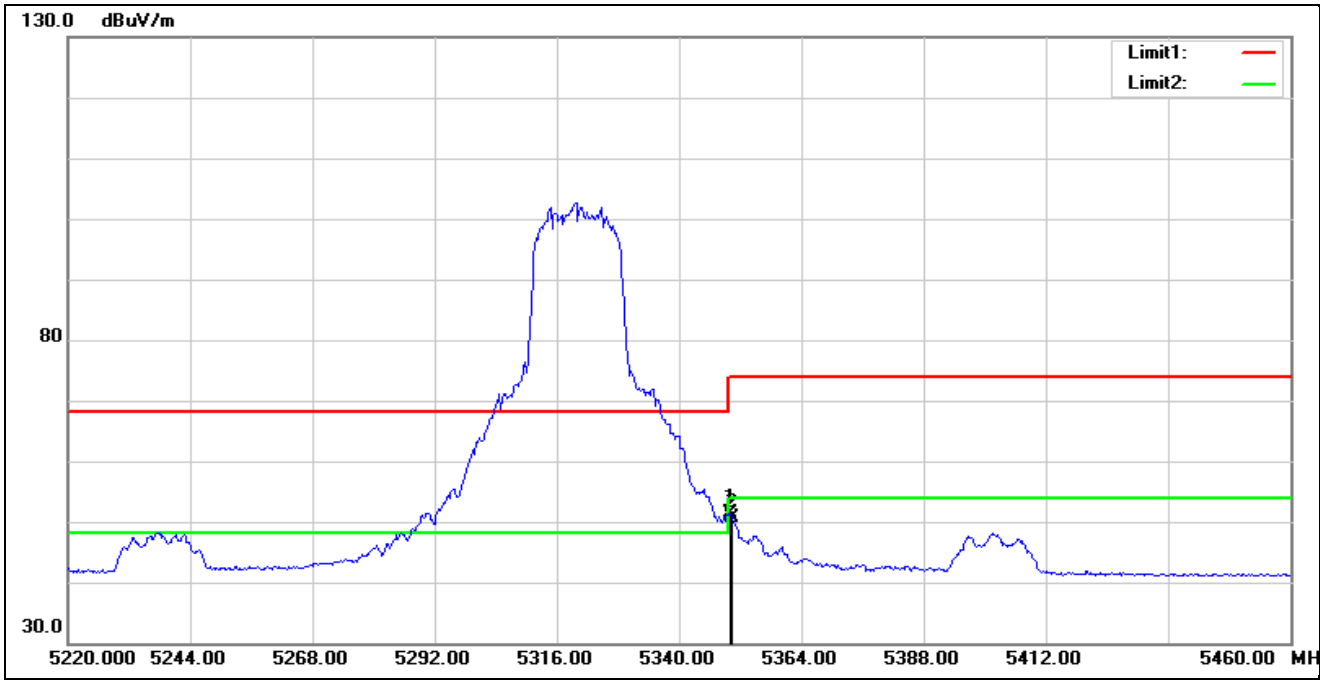
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5180 MHz | | |
| Remark: | | | |



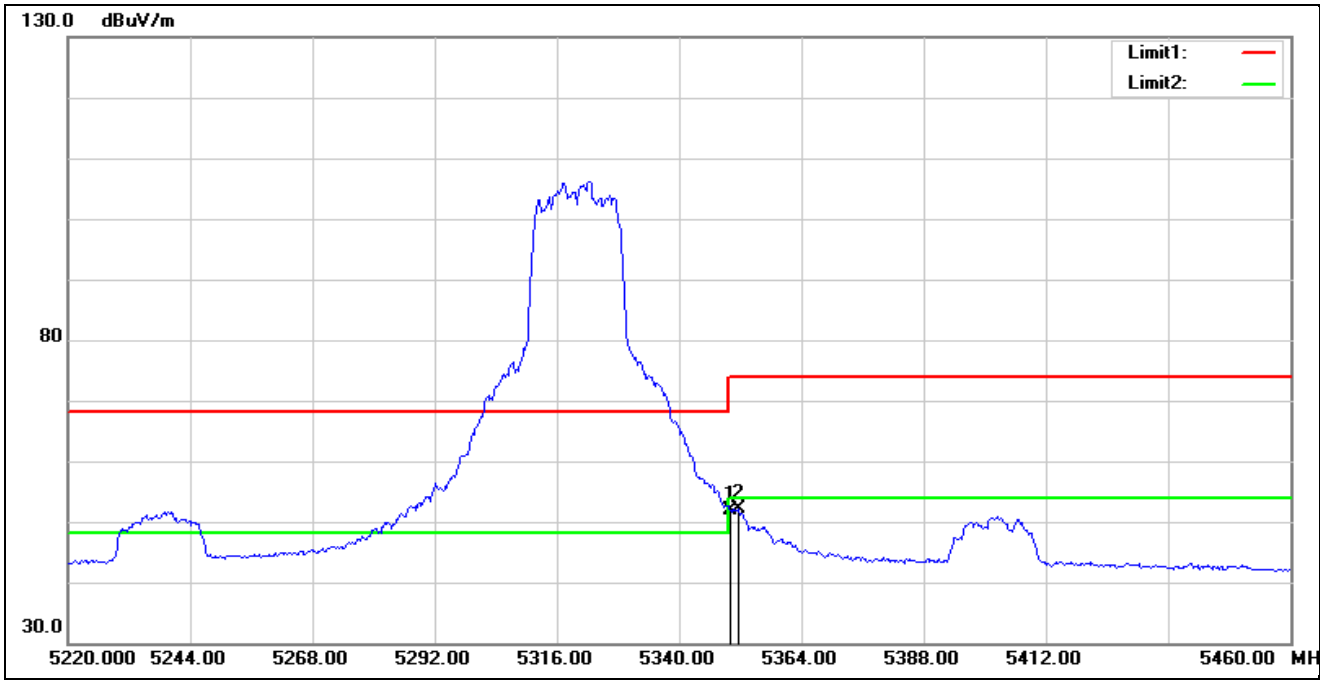

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5082.920 | 50.65 | 1.04 | 51.69 | 54.00 | -2.31 | AVG |
| 2 | 5150.000 | 49.09 | 1.13 | 50.22 | 54.00 | -3.78 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5320 MHz | | |
| Remark: | | | |



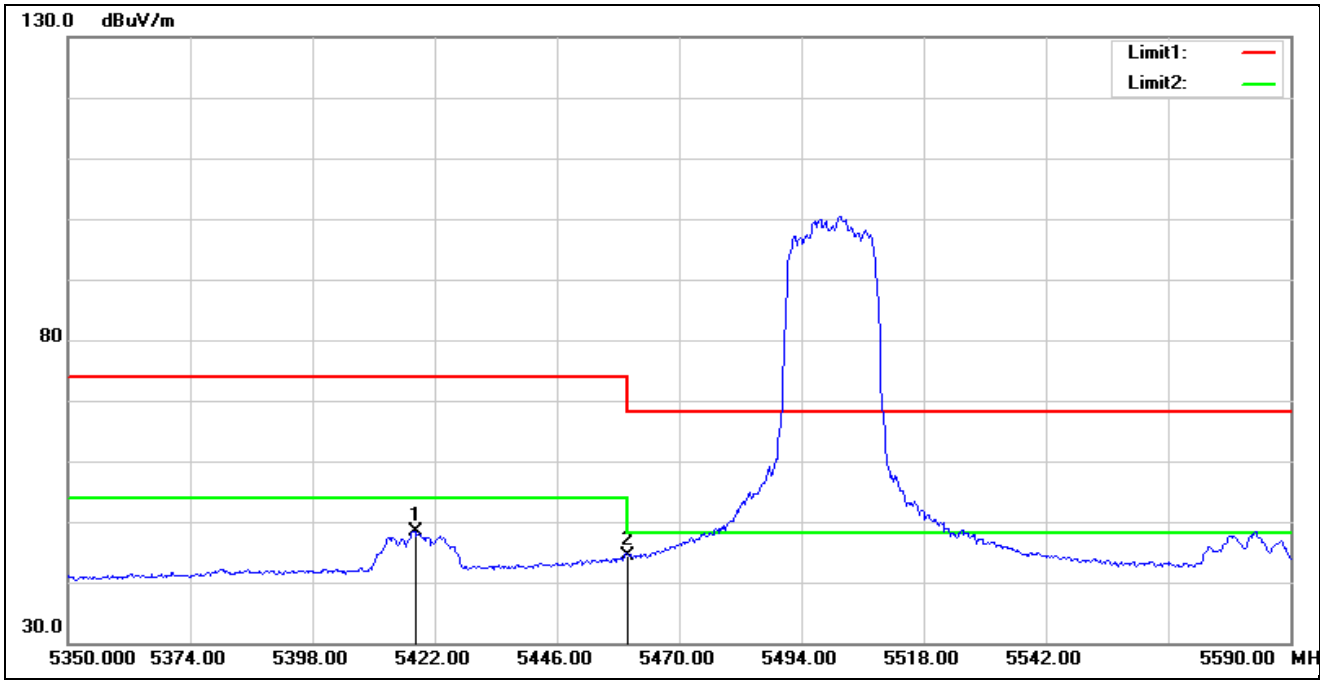

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5350.000 | 50.42 | 0.89 | 51.31 | 54.00 | -2.69 | AVG |
| 2 | 5350.320 | 49.85 | 0.89 | 50.74 | 54.00 | -3.26 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5320 MHz | | |
| Remark: | | | |



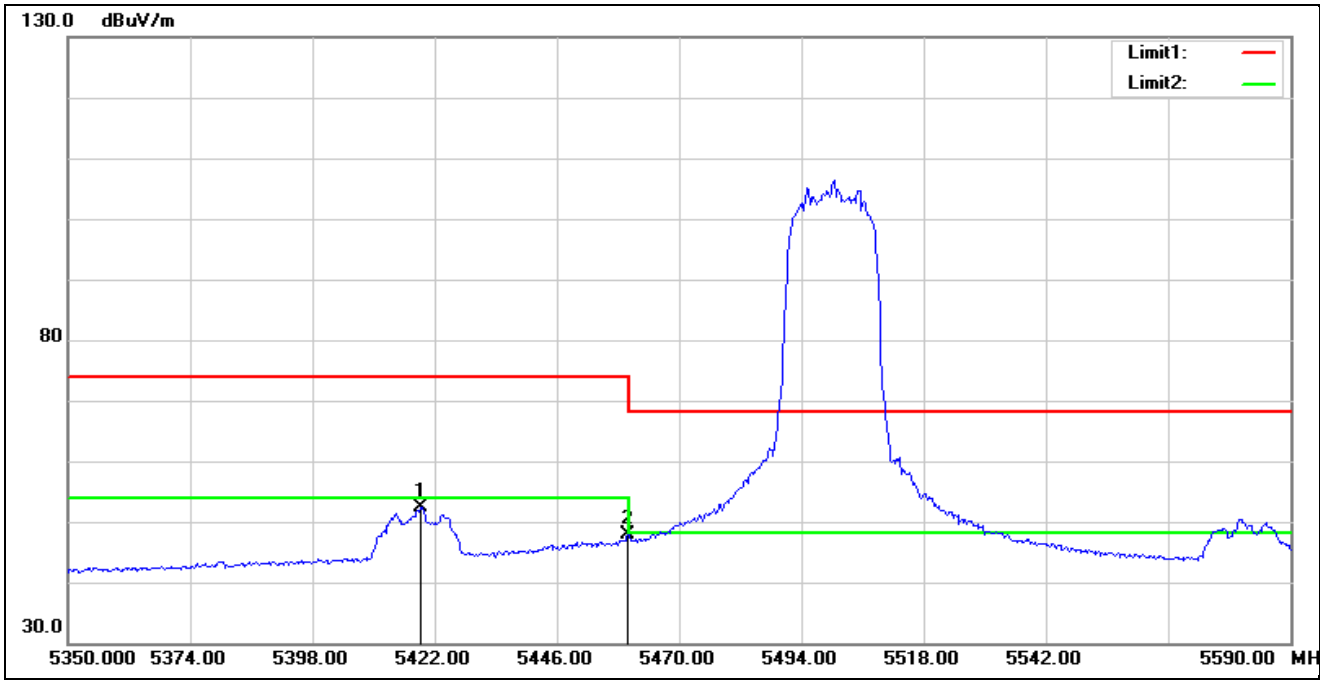

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 51.01 | 0.89 | 51.90 | 54.00 | -2.10 | AVG |
| 2* | 5351.520 | 51.33 | 0.90 | 52.23 | 54.00 | -1.77 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5500 MHz | | |
| Remark: | | | |



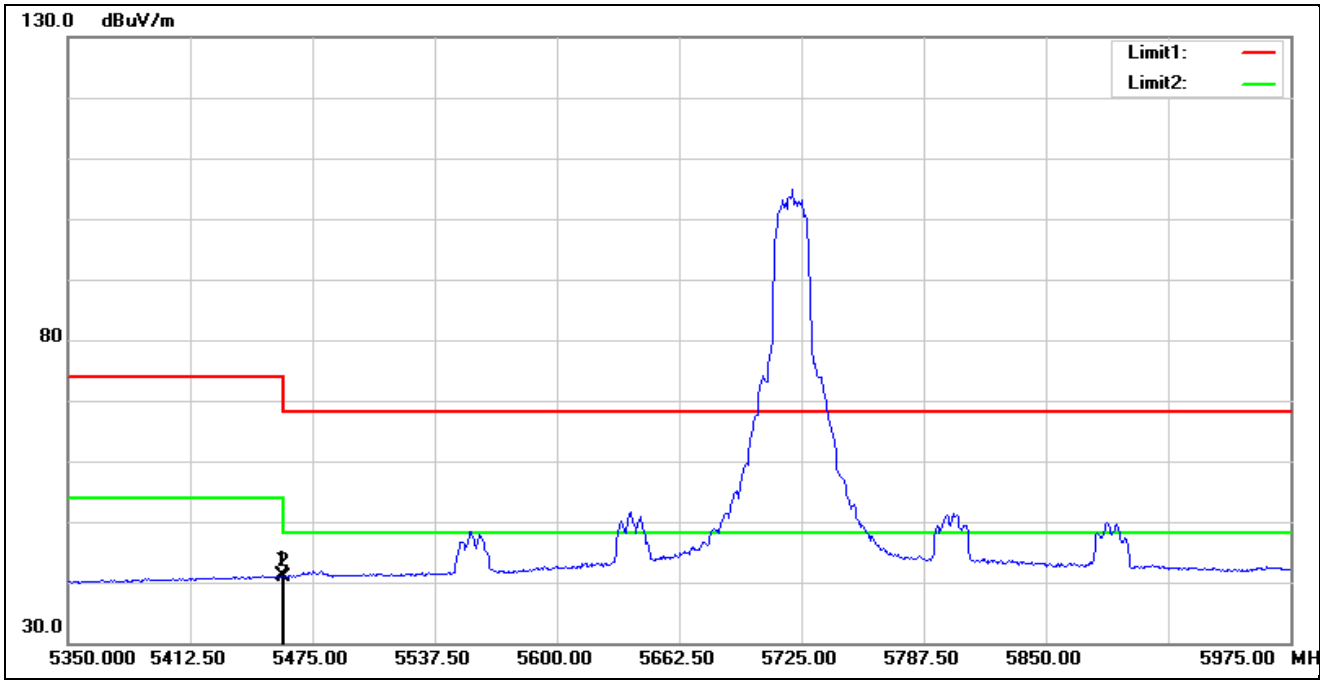

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5418.160 | 46.97 | 1.46 | 48.43 | 54.00 | -5.57 | AVG |
| 2 | 5460.000 | 42.71 | 1.79 | 44.50 | 54.00 | -9.50 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5500 MHz | | |
| Remark: | | | |



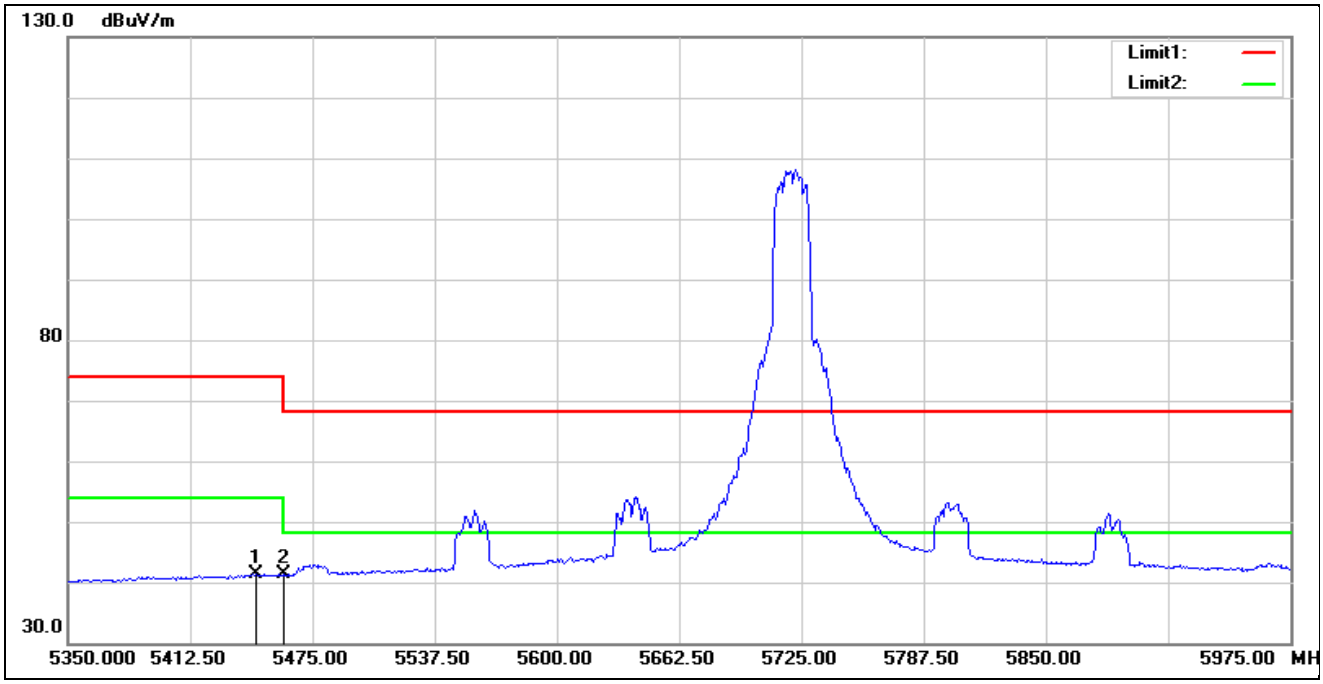

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5419.360 | 50.98 | 1.46 | 52.44 | 54.00 | -1.56 | AVG |
| 2 | 5460.000 | 46.00 | 1.79 | 47.79 | 54.00 | -6.21 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11a 5720 MHz | | |
| Remark: | | | |



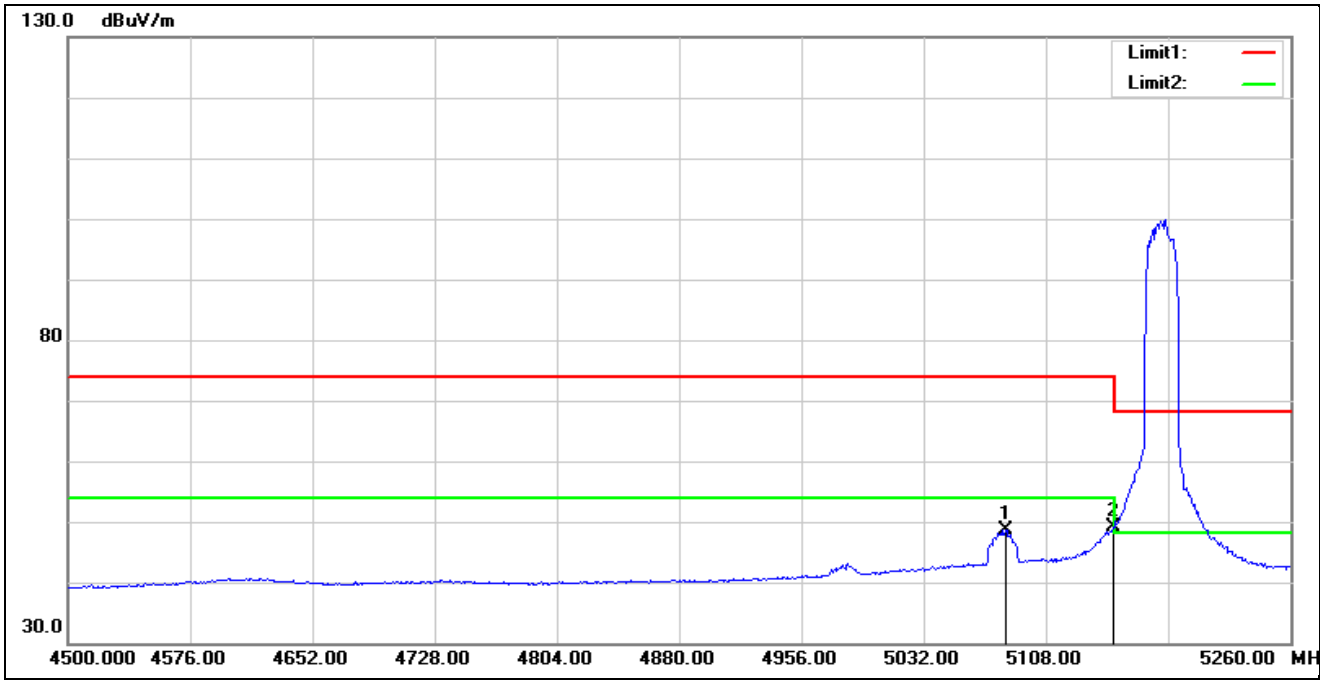

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5459.375 | 39.26 | 1.79 | 41.05 | 54.00 | -12.95 | AVG |
| 2 | 5460.000 | 39.20 | 1.79 | 40.99 | 54.00 | -13.01 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11a 5720 MHz | | |
| Remark: | | | |



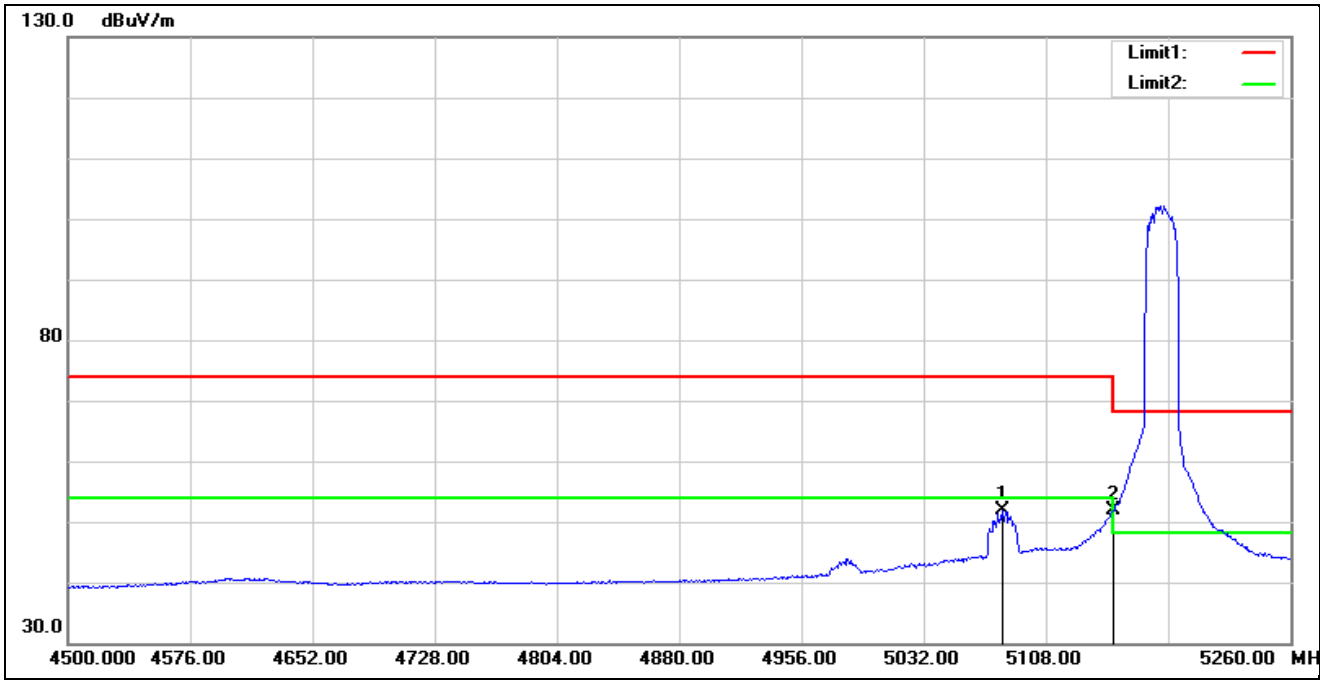

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5446.250 | 39.76 | 1.73 | 41.49 | 54.00 | -12.51 | AVG |
| 2 | 5460.000 | 39.56 | 1.79 | 41.35 | 54.00 | -12.65 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5180 MHz | | |
| Remark: | | | |



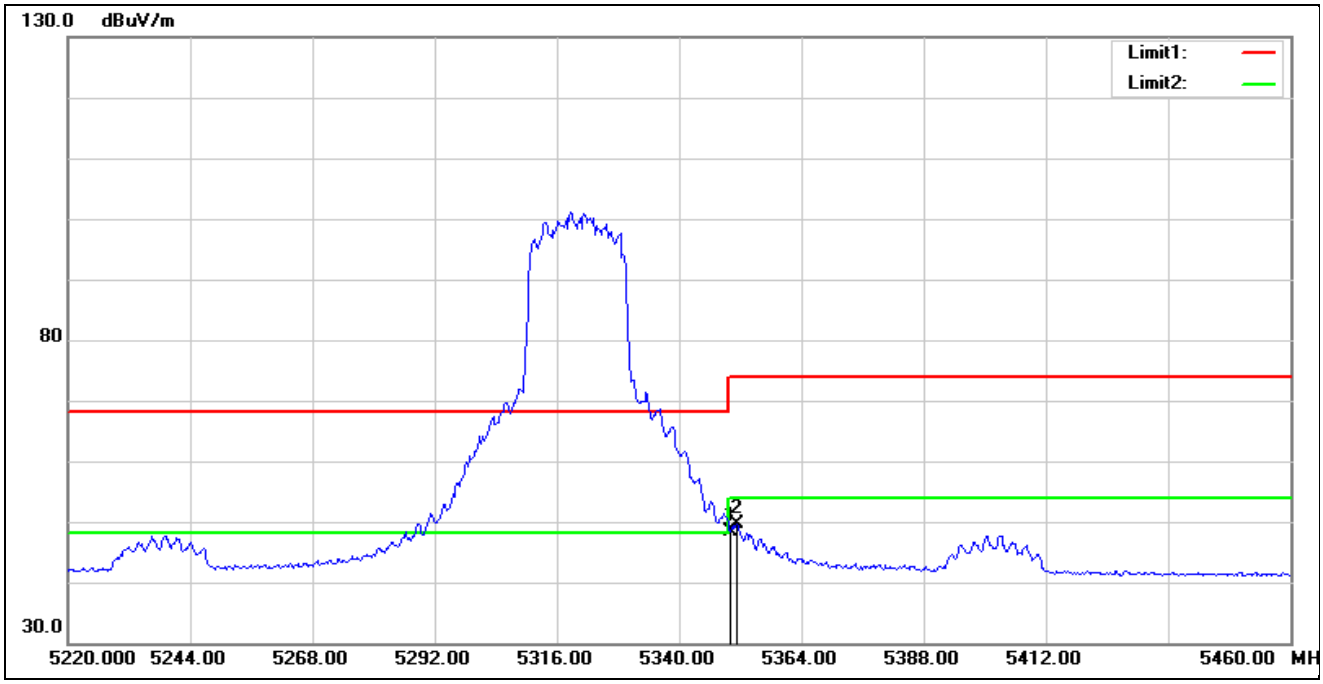

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5082.920 | 47.62 | 1.04 | 48.66 | 54.00 | -5.34 | AVG |
| 2* | 5150.000 | 47.96 | 1.13 | 49.09 | 54.00 | -4.91 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5180 MHz | | |
| Remark: | | | |



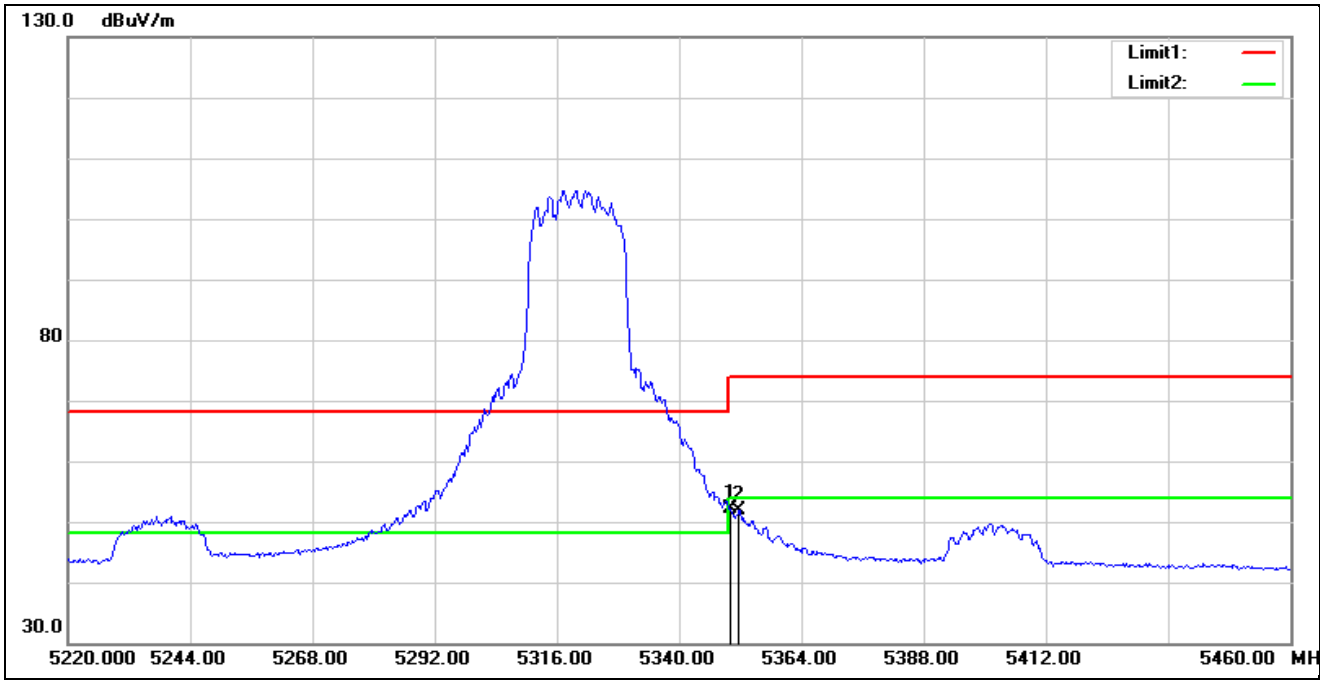

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5080.640 | 50.73 | 1.03 | 51.76 | 54.00 | -2.24 | AVG |
| 2* | 5150.000 | 50.75 | 1.13 | 51.88 | 54.00 | -2.12 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5320 MHz | | |
| Remark: | | | |



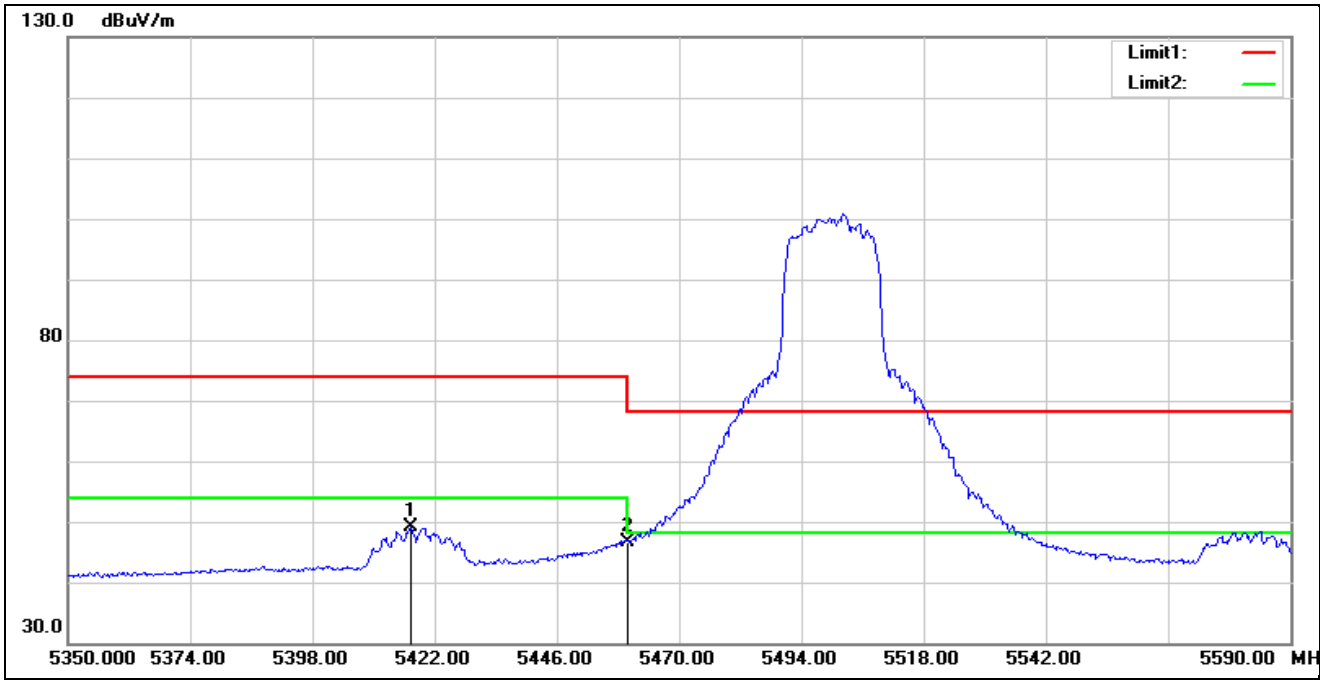

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 47.53 | 0.89 | 48.42 | 54.00 | -5.58 | AVG |
| 2* | 5351.280 | 48.81 | 0.90 | 49.71 | 54.00 | -4.29 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5320 MHz | | |
| Remark: | | | |



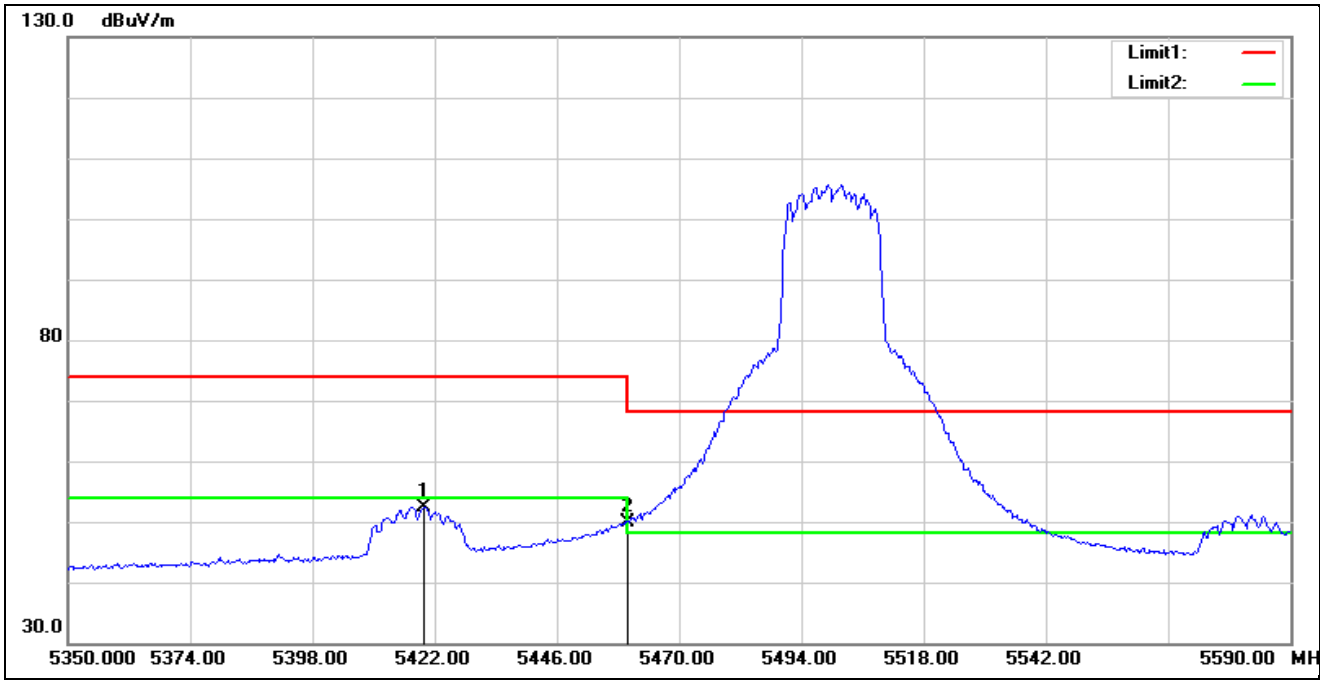

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5350.000 | 51.18 | 0.89 | 52.07 | 54.00 | -1.93 | AVG |
| 2 | 5351.760 | 50.87 | 0.90 | 51.77 | 54.00 | -2.23 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5500 MHz | | |
| Remark: | | | |



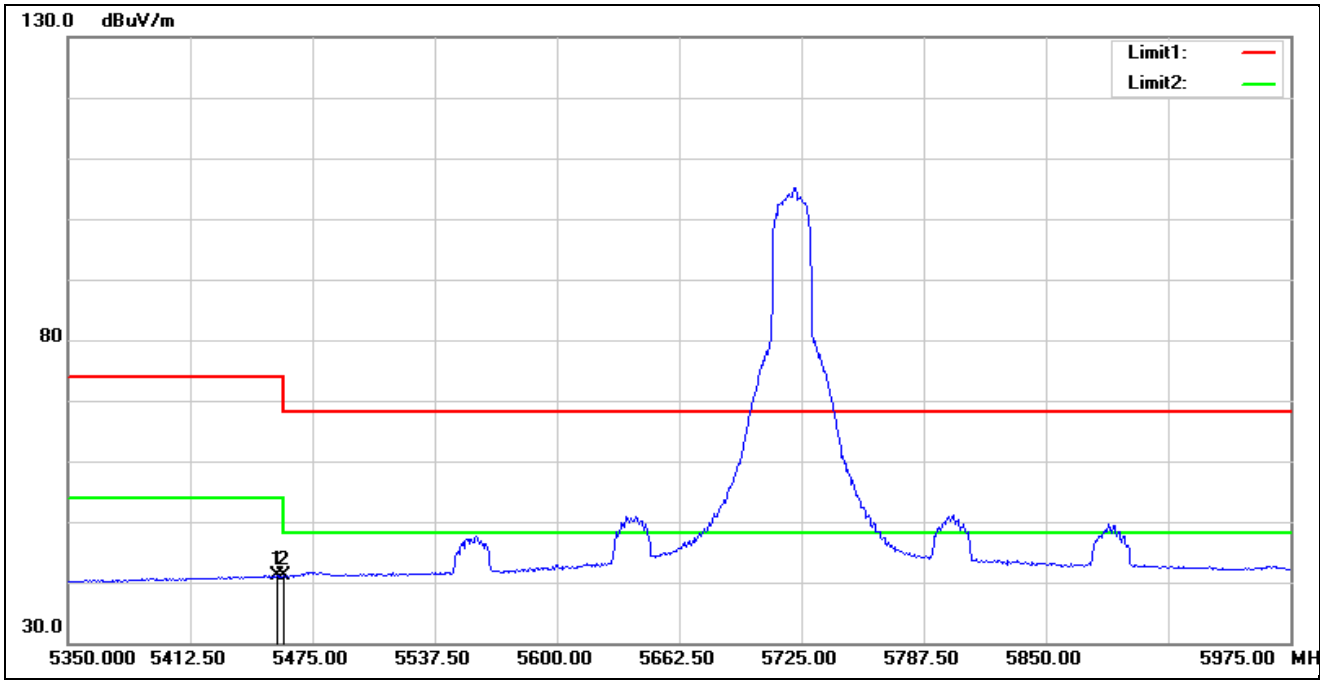

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5417.440 | 47.62 | 1.45 | 49.07 | 54.00 | -4.93 | AVG |
| 2 | 5460.000 | 44.81 | 1.79 | 46.60 | 54.00 | -7.40 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5500 MHz | | |
| Remark: | | | |



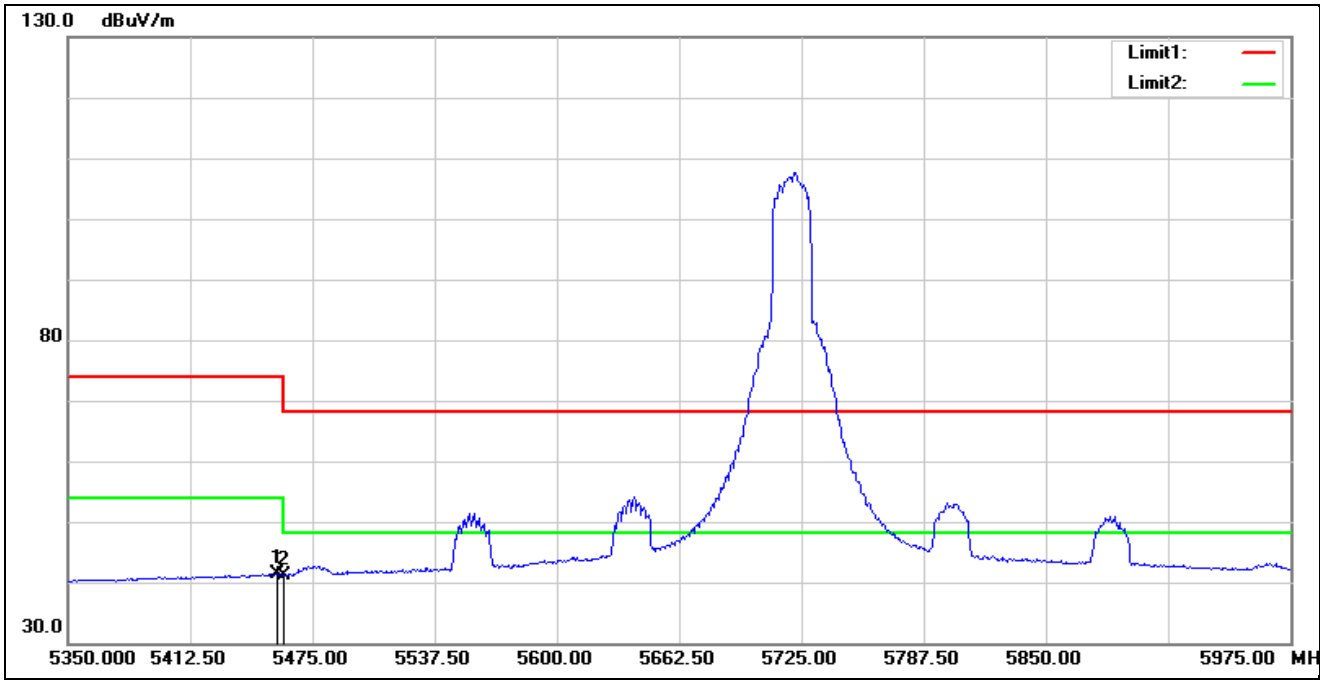

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5419.840 | 50.96 | 1.47 | 52.43 | 54.00 | -1.57 | AVG |
| 2 | 5460.000 | 48.08 | 1.79 | 49.87 | 54.00 | -4.13 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT20 5720 MHz | | |
| Remark: | | | |



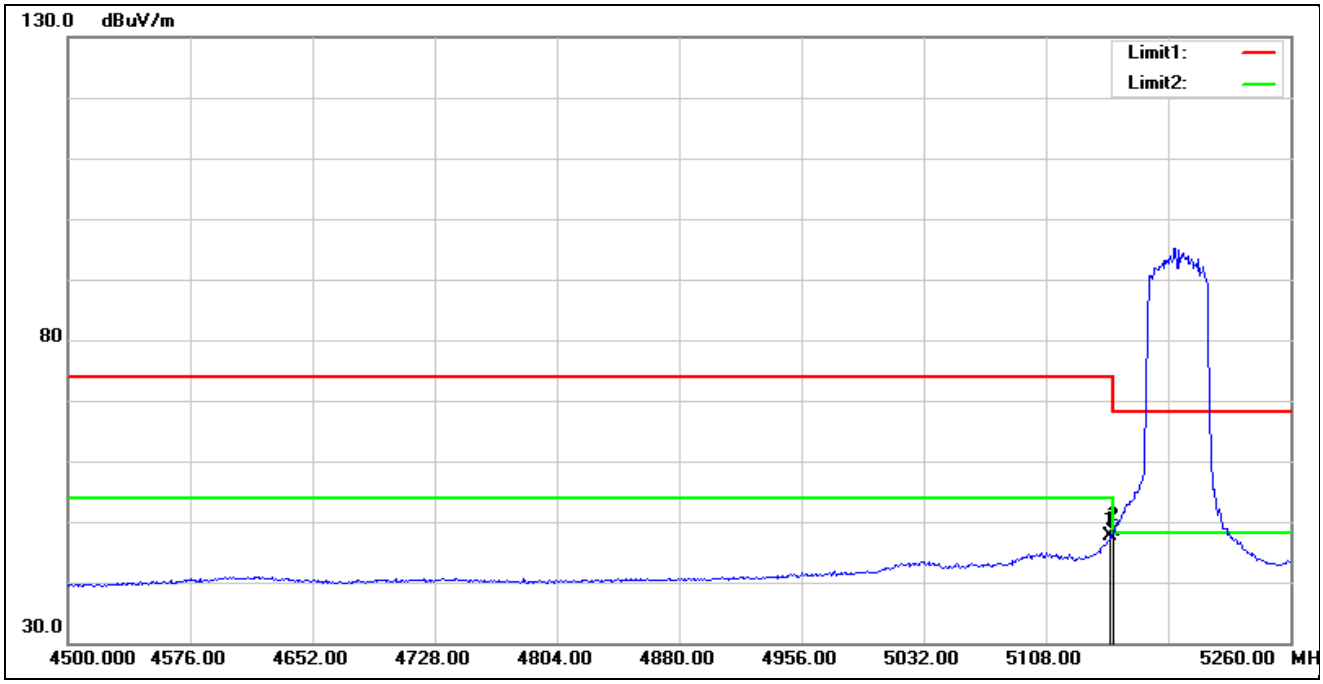

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5456.875 | 39.39 | 1.77 | 41.16 | 54.00 | -12.84 | AVG |
| 2* | 5460.000 | 39.44 | 1.79 | 41.23 | 54.00 | -12.77 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT20 5720 MHz | | |
| Remark: | | | |



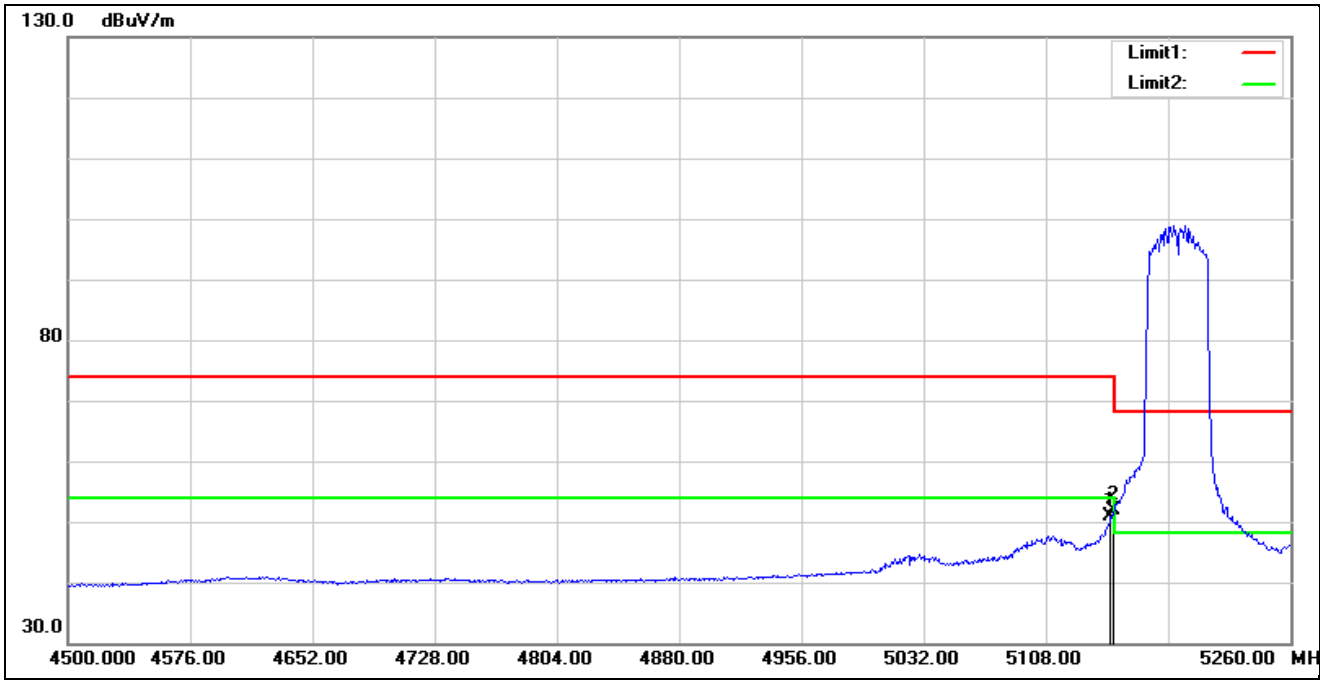

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5456.875 | 39.60 | 1.77 | 41.37 | 54.00 | -12.63 | AVG |
| 2 | 5460.000 | 39.29 | 1.79 | 41.08 | 54.00 | -12.92 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT40 5190 MHz | | |
| Remark: | | | |



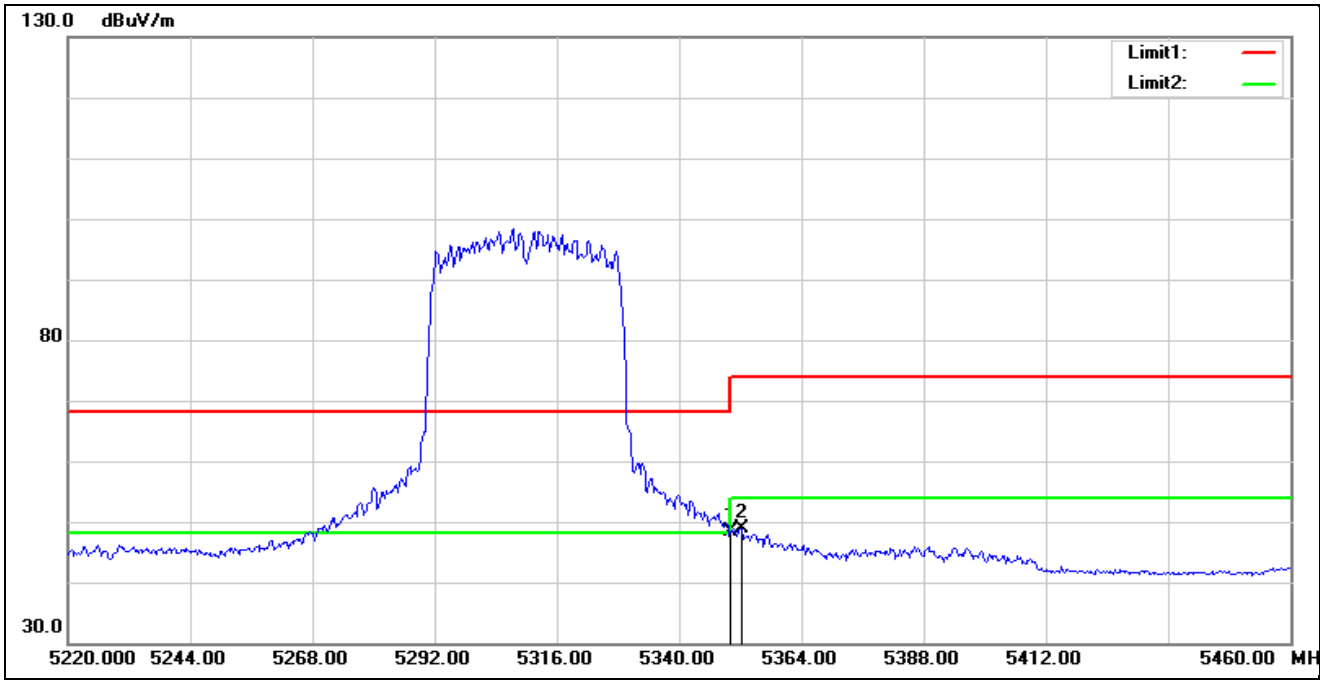

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5148.280 | 46.53 | 1.13 | 47.66 | 54.00 | -6.34 | AVG |
| 2* | 5150.000 | 47.36 | 1.13 | 48.49 | 54.00 | -5.51 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT40 5190 MHz | | |
| Remark: | | | |



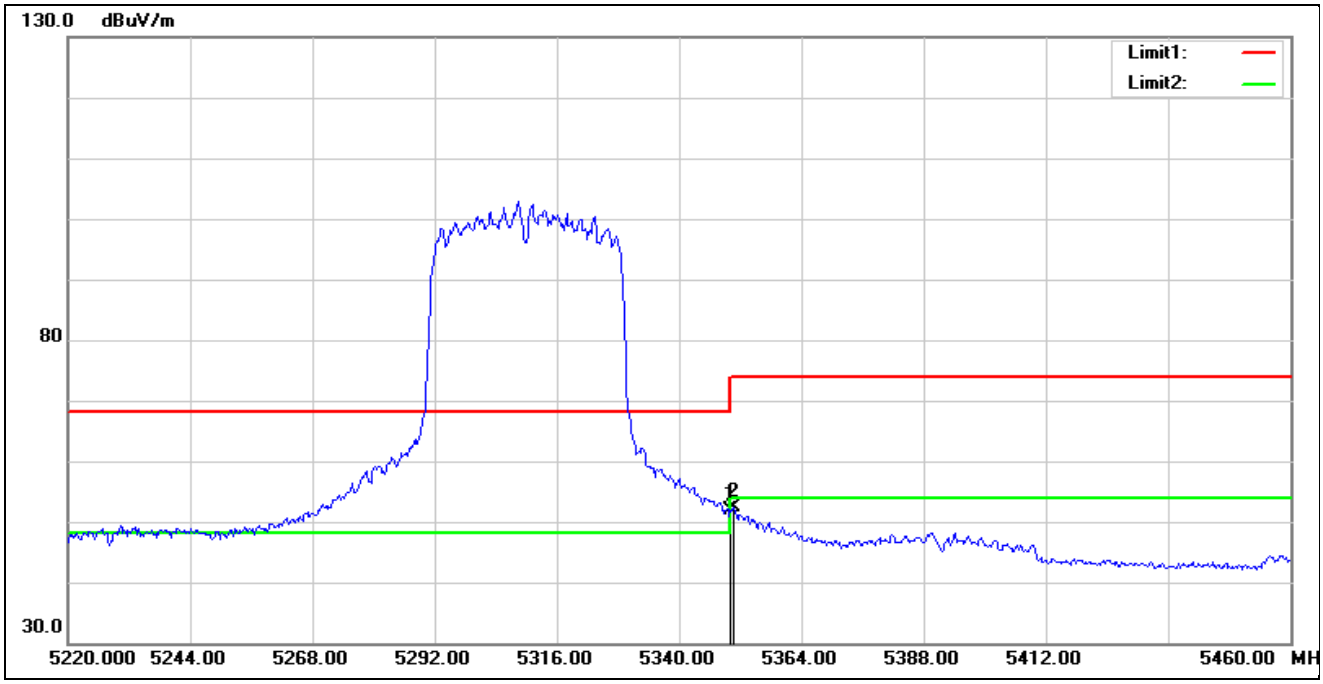

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5148.280 | 49.68 | 1.13 | 50.81 | 54.00 | -3.19 | AVG |
| 2* | 5150.000 | 50.67 | 1.13 | 51.80 | 54.00 | -2.20 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT40 5310 MHz | | |
| Remark: | | | |



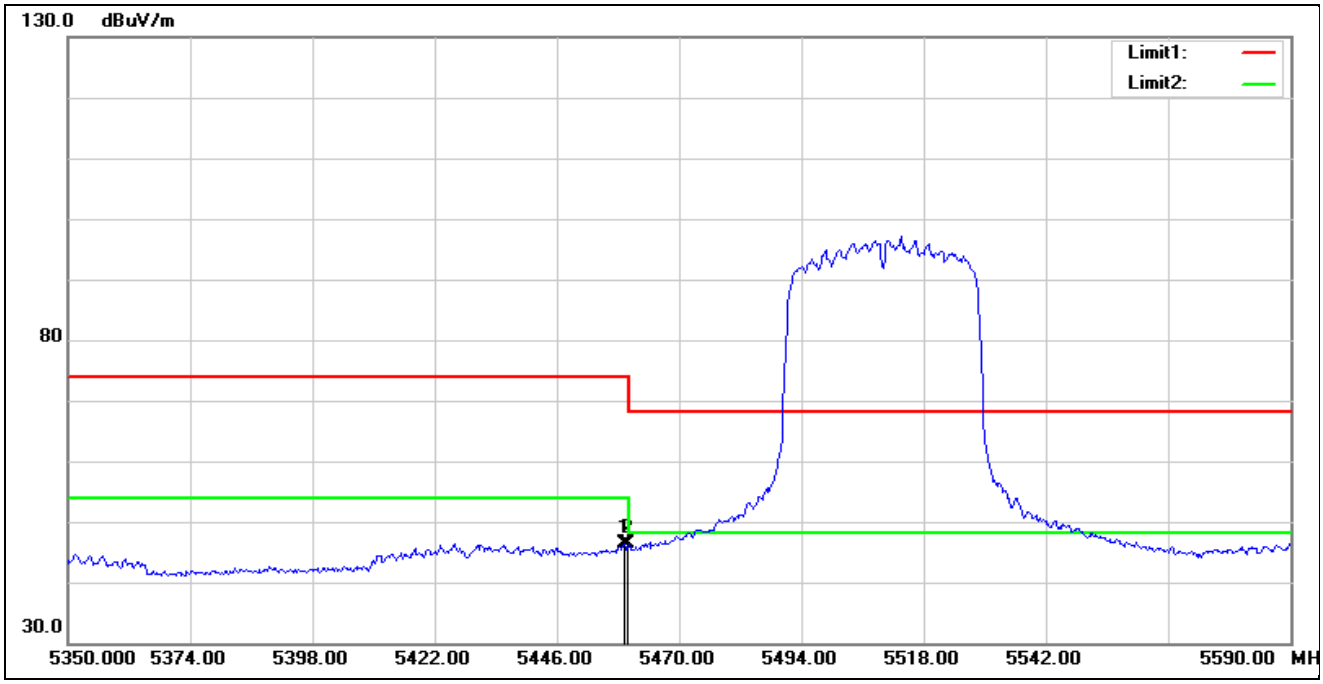

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 47.51 | 0.89 | 48.40 | 54.00 | -5.60 | AVG |
| 2* | 5352.240 | 48.07 | 0.90 | 48.97 | 54.00 | -5.03 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT40 5310 MHz | | |
| Remark: | | | |



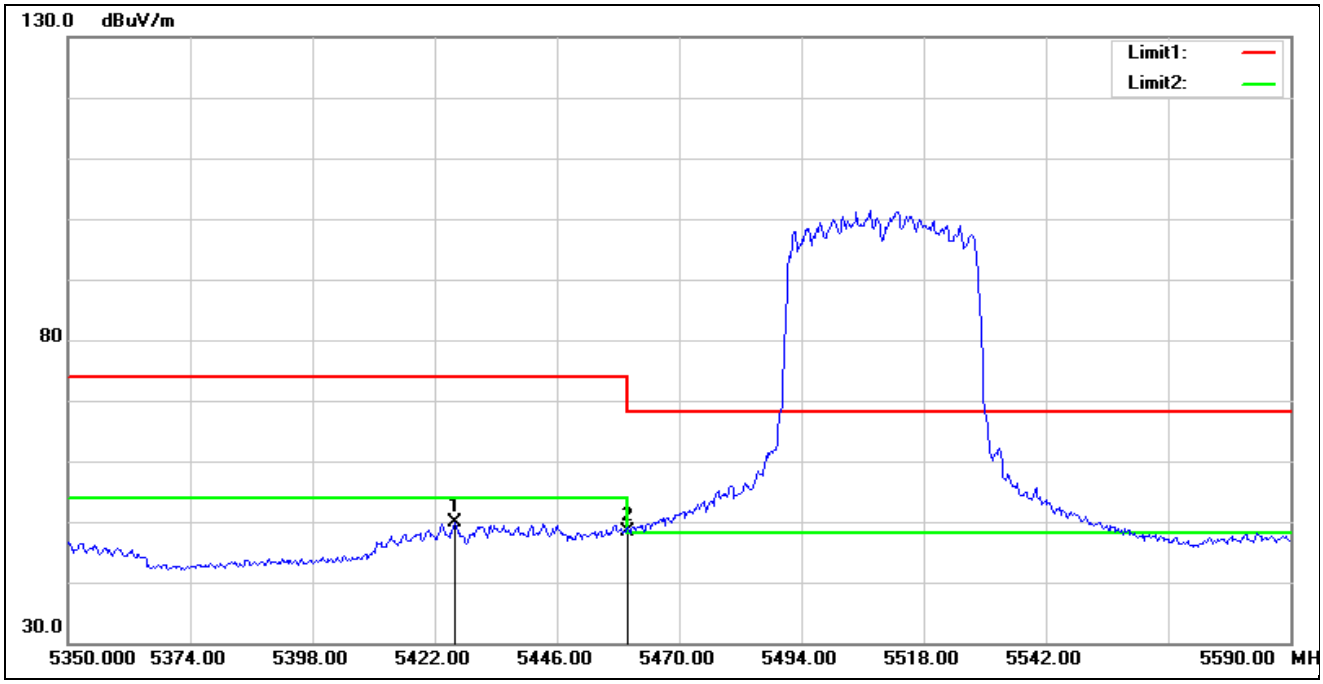

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 50.87 | 0.89 | 51.76 | 54.00 | -2.24 | AVG |
| 2* | 5350.560 | 51.38 | 0.89 | 52.27 | 54.00 | -1.73 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT40 5510 MHz | | |
| Remark: | | | |



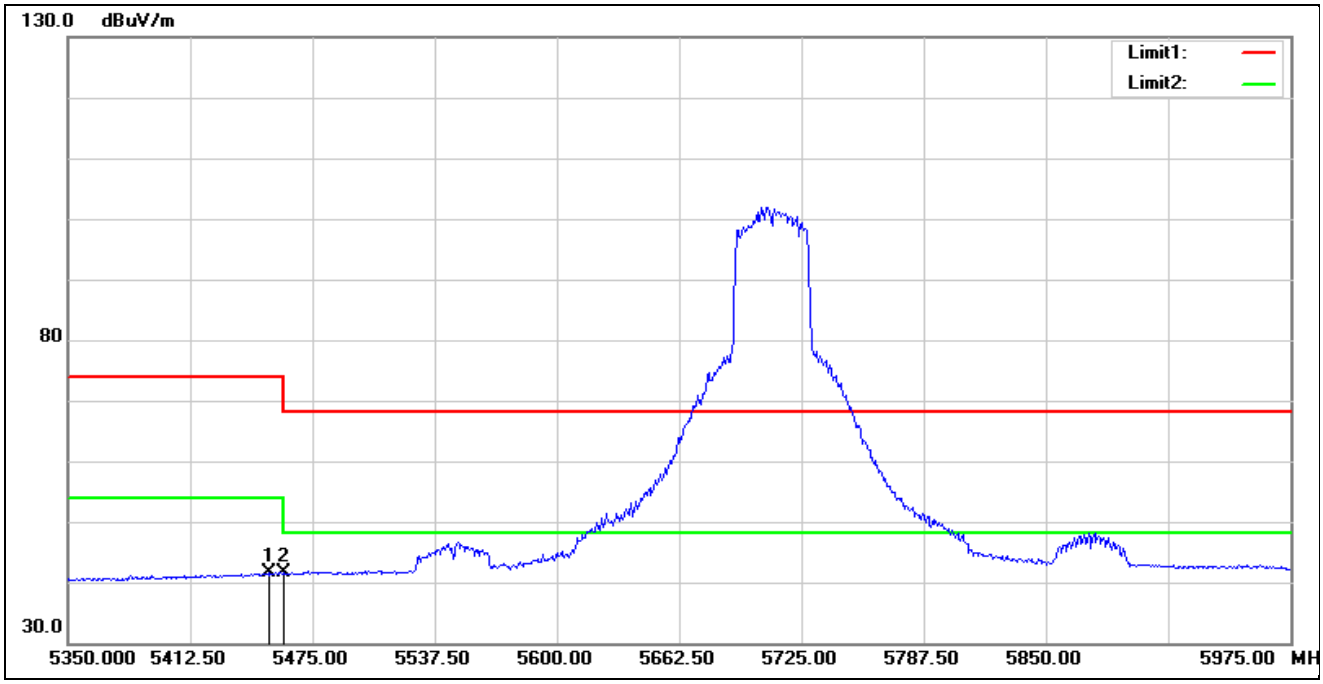

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5459.200 | 44.61 | 1.79 | 46.40 | 54.00 | -7.60 | AVG |
| 2* | 5460.000 | 44.63 | 1.79 | 46.42 | 54.00 | -7.58 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT40 5510 MHz | | |
| Remark: | | | |



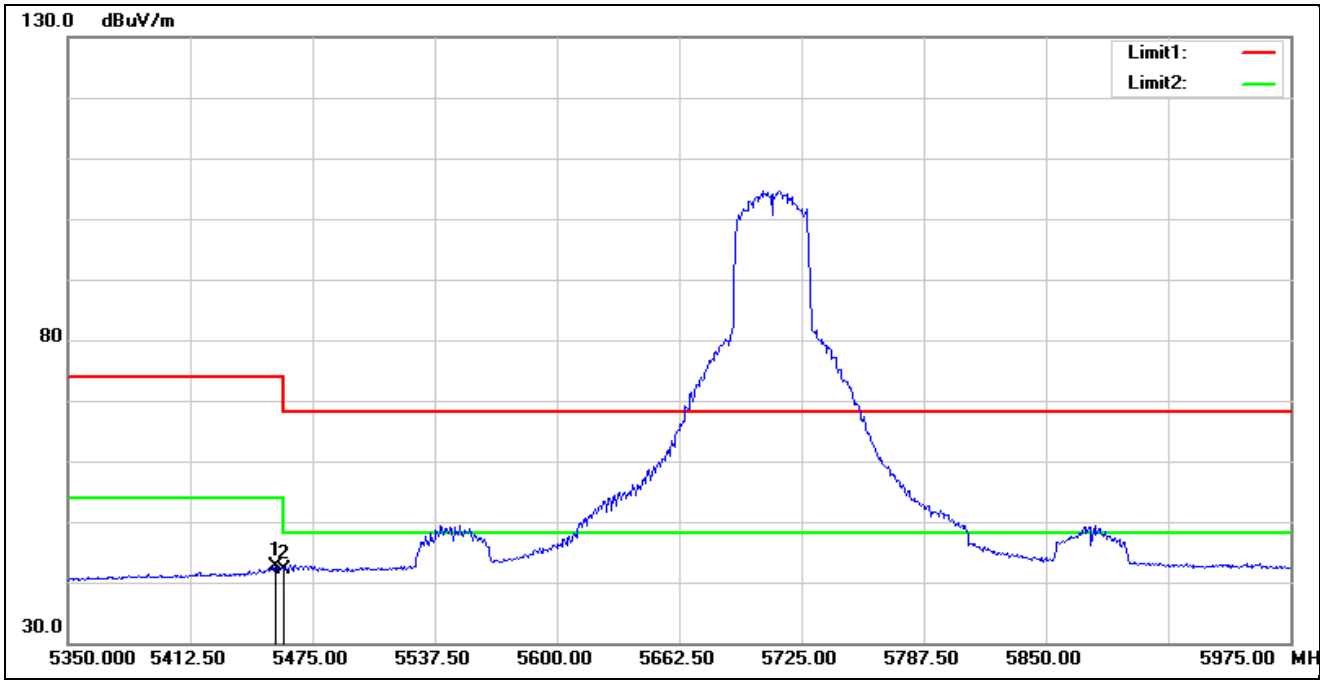

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5425.840 | 48.30 | 1.53 | 49.83 | 54.00 | -4.17 | AVG |
| 2 | 5460.000 | 46.66 | 1.79 | 48.45 | 54.00 | -5.55 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT40 5710 MHz | | |
| Remark: | | | |



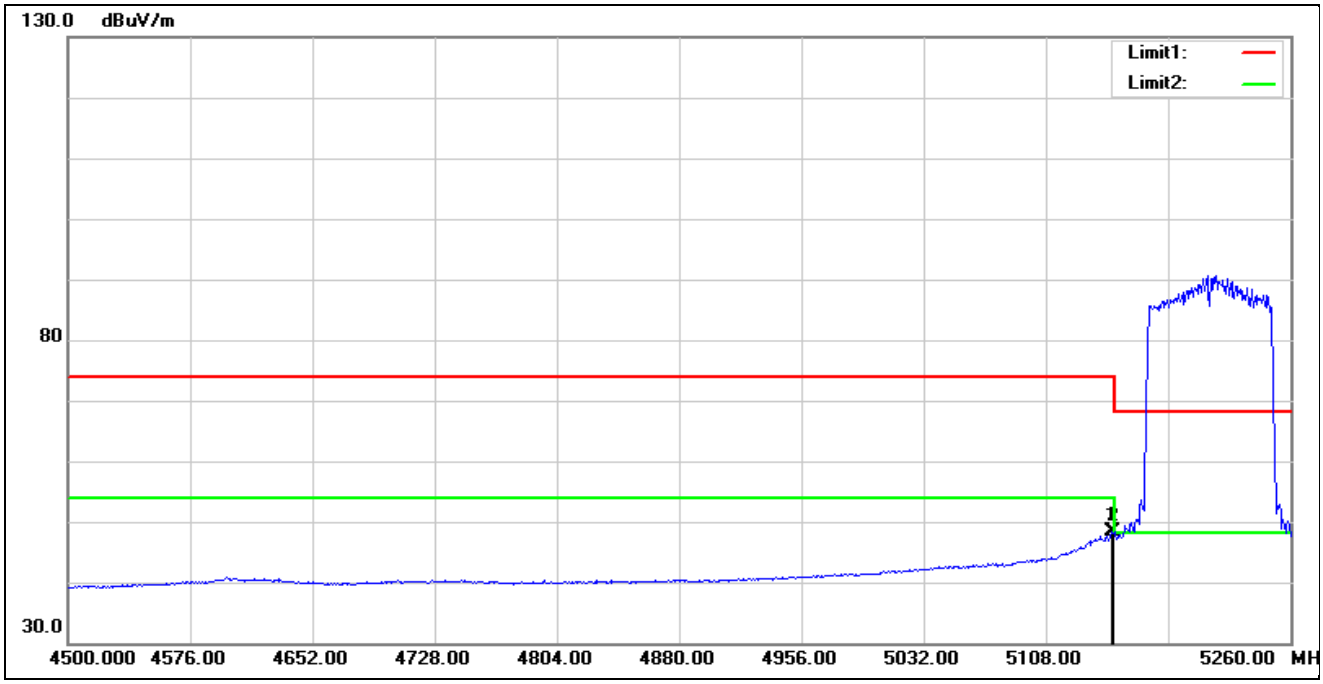

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5453.125 | 39.98 | 1.77 | 41.75 | 54.00 | -12.25 | AVG |
| 2 | 5460.000 | 39.73 | 1.79 | 41.52 | 54.00 | -12.48 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT40 5710 MHz | | |
| Remark: | | | |



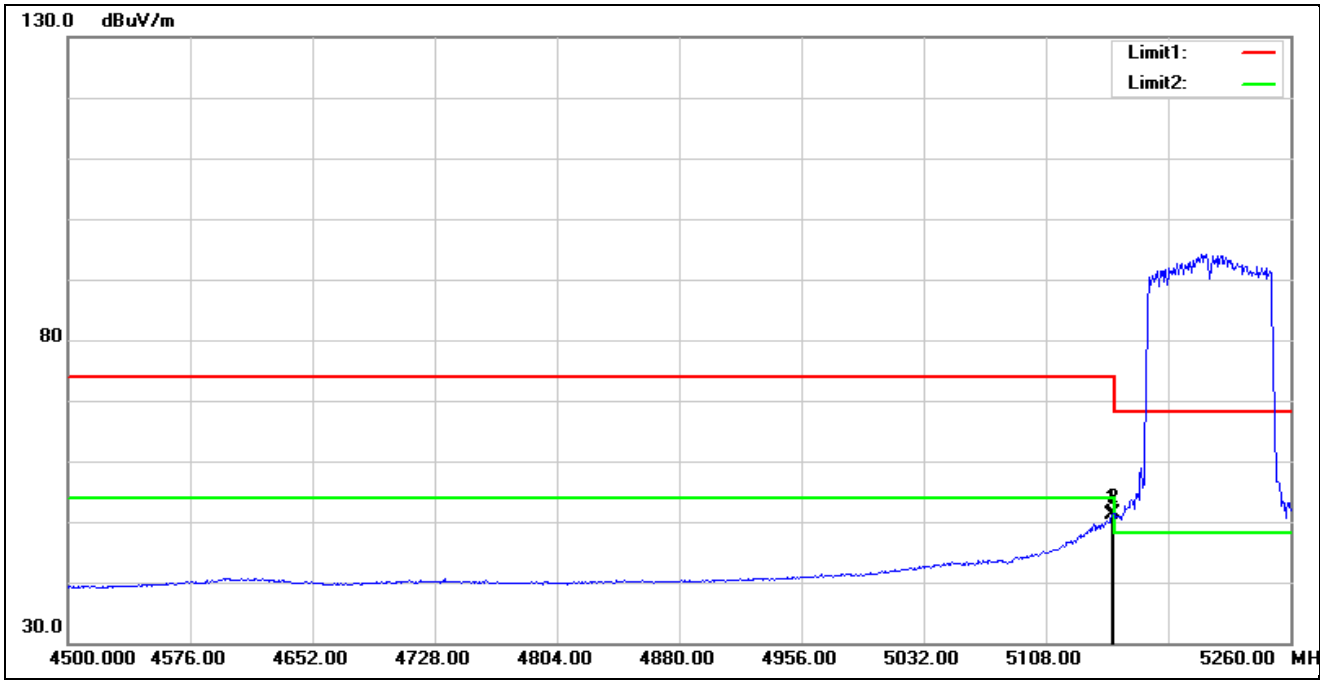

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5456.250 | 40.76 | 1.77 | 42.53 | 54.00 | -11.47 | AVG |
| 2 | 5460.000 | 40.26 | 1.79 | 42.05 | 54.00 | -11.95 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT80 5210 MHz | | |
| Remark: | | | |



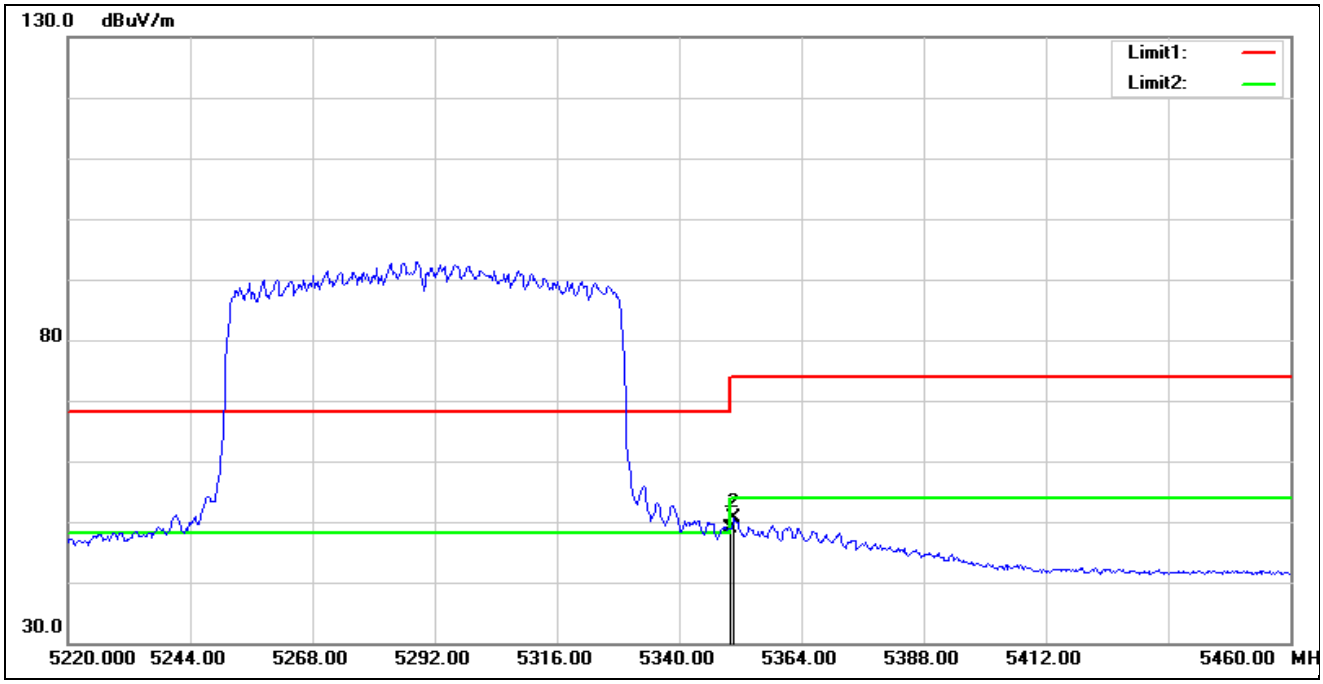

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5149.040 | 47.14 | 1.13 | 48.27 | 54.00 | -5.73 | AVG |
| 2* | 5150.000 | 47.21 | 1.13 | 48.34 | 54.00 | -5.66 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT80 5210 MHz | | |
| Remark: | | | |



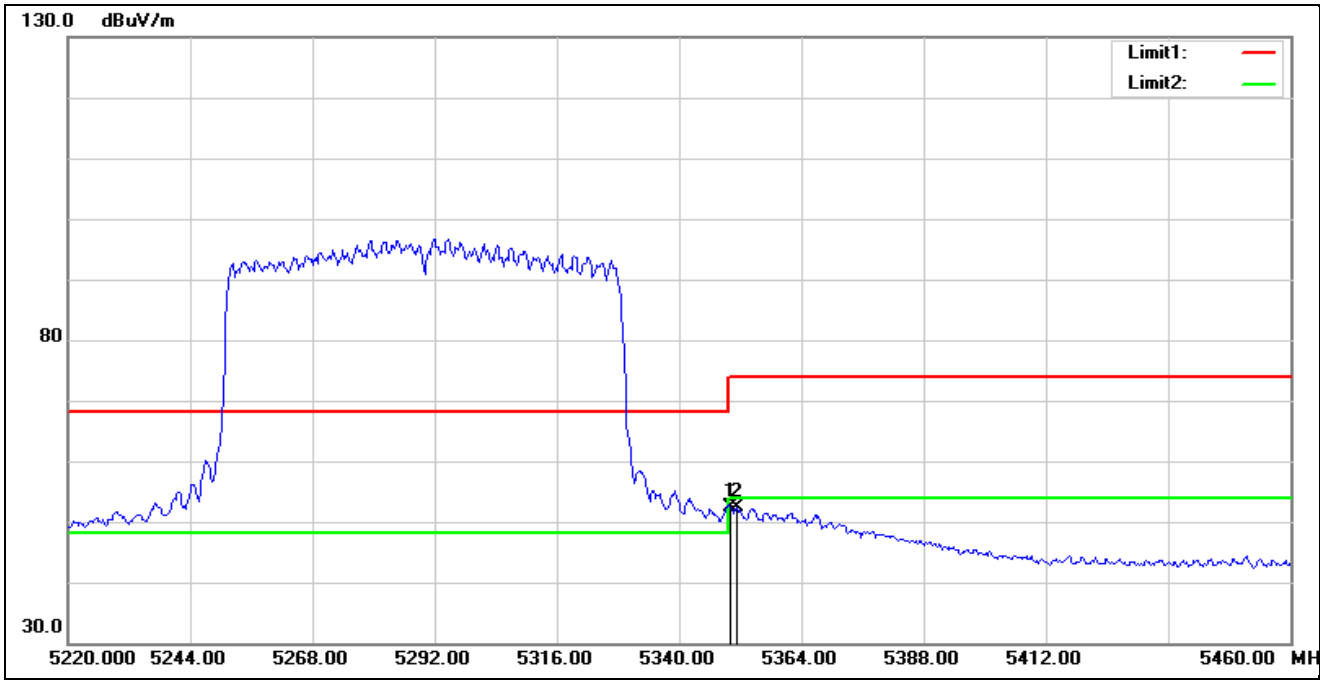

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5149.040 | 49.93 | 1.13 | 51.06 | 54.00 | -2.94 | AVG |
| 2* | 5150.000 | 50.18 | 1.13 | 51.31 | 54.00 | -2.69 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT80 5290 MHz | | |
| Remark: | | | |



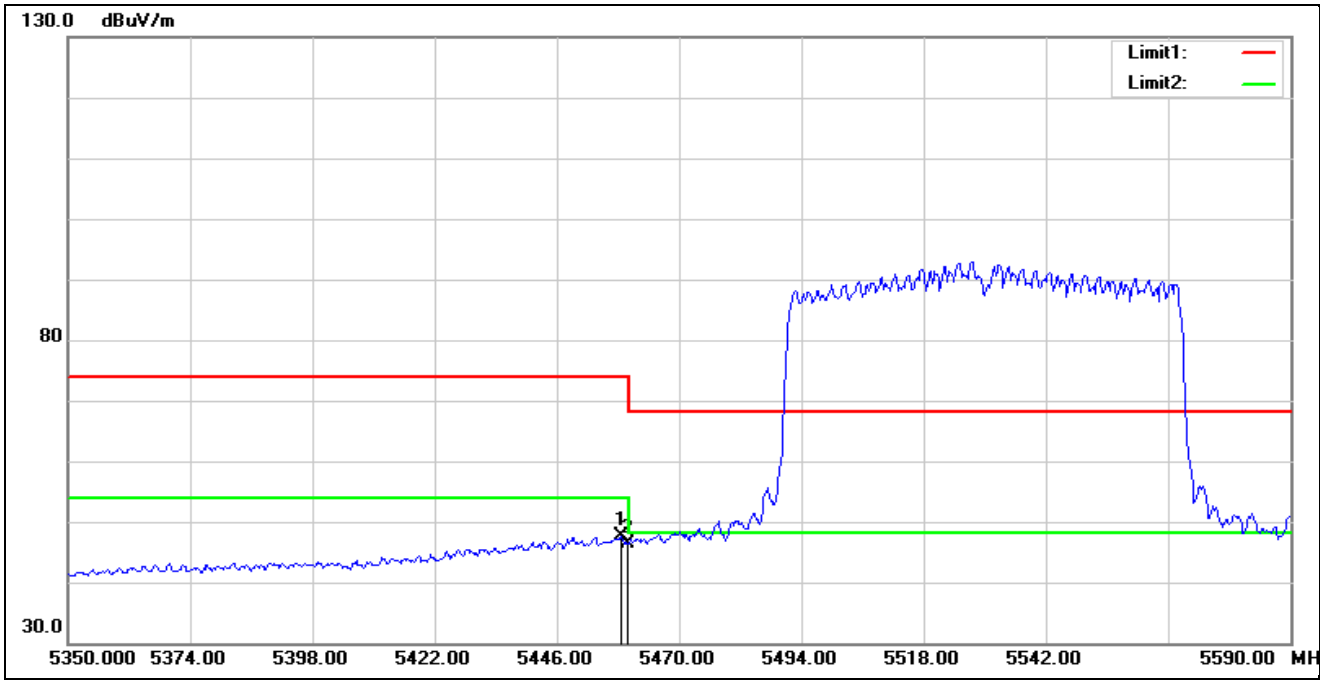

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 48.04 | 0.89 | 48.93 | 54.00 | -5.07 | AVG |
| 2* | 5350.800 | 49.85 | 0.89 | 50.74 | 54.00 | -3.26 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT80 5290 MHz | | |
| Remark: | | | |



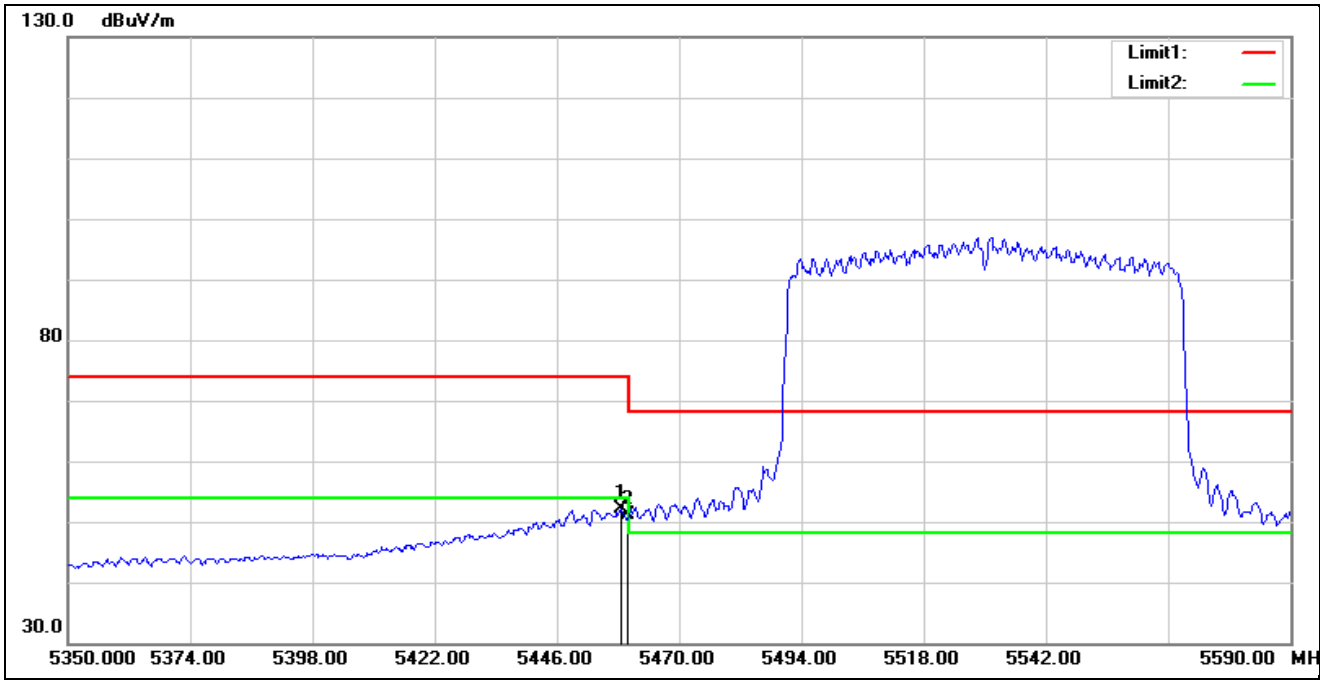

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1 | 5350.000 | 51.47 | 0.89 | 52.36 | 54.00 | -1.64 | AVG |
| 2* | 5351.280 | 51.48 | 0.90 | 52.38 | 54.00 | -1.62 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT80 5530 MHz | | |
| Remark: | | | |



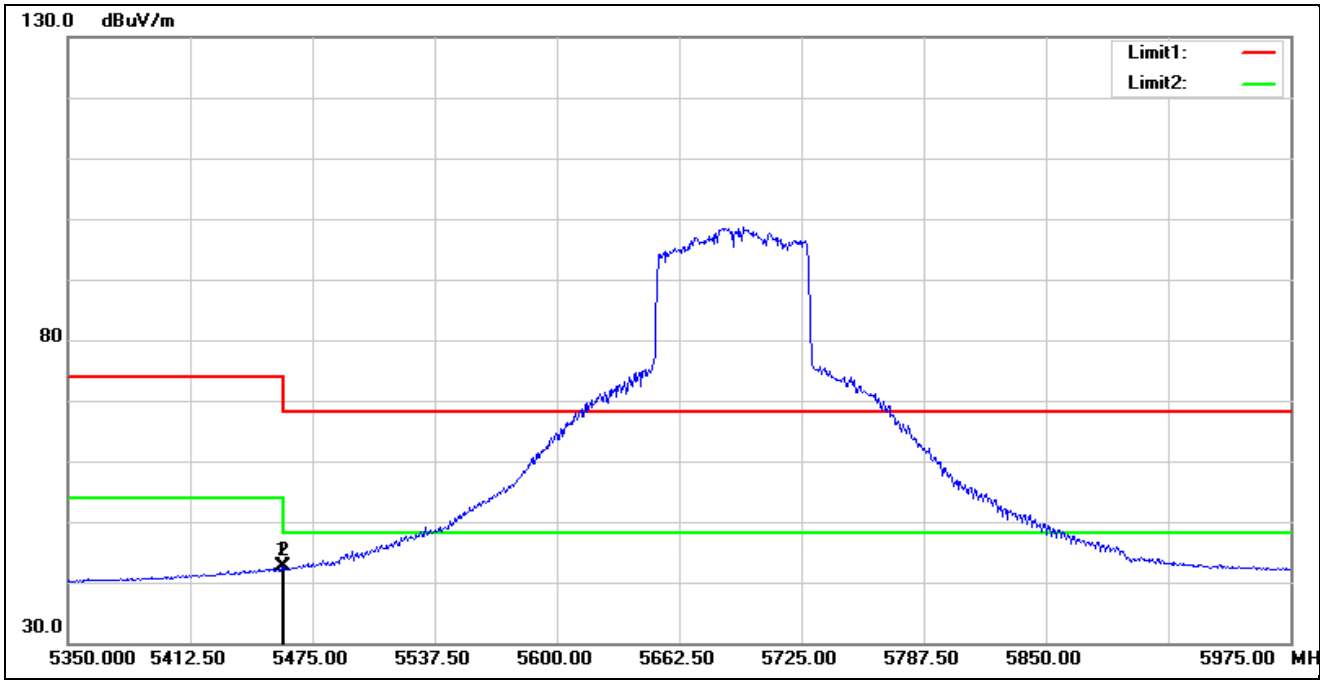

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5458.480 | 45.83 | 1.79 | 47.62 | 54.00 | -6.38 | AVG |
| 2 | 5460.000 | 44.57 | 1.79 | 46.36 | 54.00 | -7.64 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT80 5530 MHz | | |
| Remark: | | | |



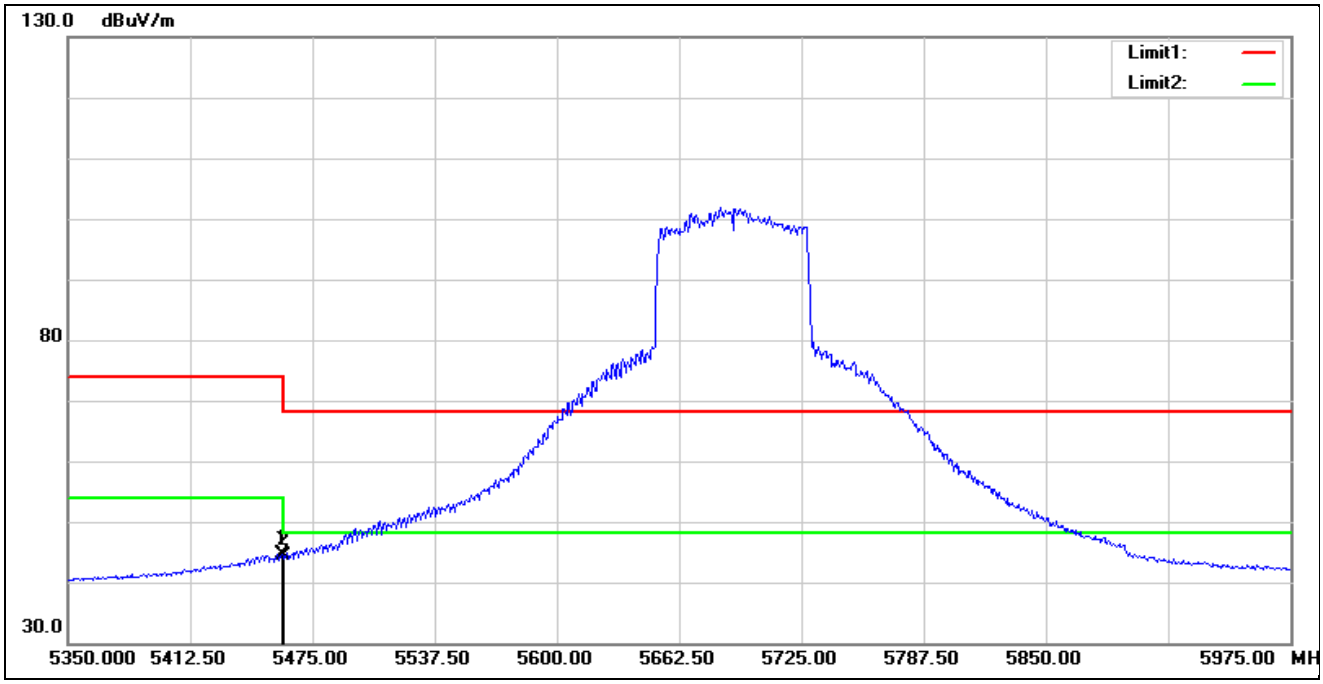

| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5458.480 | 50.35 | 1.79 | 52.14 | 54.00 | -1.86 | AVG |
| 2 | 5460.000 | 49.40 | 1.79 | 51.19 | 54.00 | -2.81 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Horizontal | | |
| Test Mode: | 802.11ac VHT80 5690 MHz | | |
| Remark: | | | |




| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5459.375 | 40.77 | 1.79 | 42.56 | 54.00 | -11.44 | AVG |
| 2 | 5460.000 | 40.77 | 1.79 | 42.56 | 54.00 | -11.44 | AVG |

| | | | |
|---|---|---|---|
| Standard: | Part 15.407 / RSS-247 | Test Site: | 966 Chamber |
| Polarization: | Vertical | | |
| Test Mode: | 802.11ac VHT80 5690 MHz | | |
| Remark: | | | |




| No. | Frequency (MHz) | Reading (dBuV) | Correction (dB/m) | Result (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Remark |
|---|---|---|---|---|---|---|---|
| 1* | 5459.375 | 42.86 | 1.79 | 44.65 | 54.00 | -9.35 | AVG |
| 2 | 5460.000 | 42.57 | 1.79 | 44.36 | 54.00 | -9.64 | AVG |

## 5.3. Conducted Test Results

**Duty cycle**

Reference Appendix A / Appendix B

**Maximum Conducted Output Power and E.I.R.P. Measurement**

Reference Appendix A

**Maximum Conducted Output Power Measurement**

Reference Appendix A

**26 dB RF Bandwidth and 99 % Occupied Bandwidth Measurement**

Reference Appendix A / Appendix B

**6 dB RF Bandwidth Measurement**

Reference Appendix A / Appendix B

**Maximum Power Spectral Density and E.I.R.P. Spectral Density Measurement**

Reference Appendix A / Appendix B

---END---