# TEST REPORT

| | |
|---|---|
| **Application No.:** | SZCR2502000544AT |
| **Applicant:** | Grandstream Networks, Inc. |
| **Address of Applicant:** | 126 Brookline Ave., 3rd Floor, Boston, Massachusetts 02215 United States |
| **Manufacturer:** | Grandstream Networks, Inc. |
| **Address of Manufacturer:** | 126 Brookline Ave., 3rd Floor, Boston, Massachusetts 02215 United States |
| **Equipment Under Test (EUT):** | |
| **EUT Name:** | Tri-Band Wi-Fi 7 Access Point |
| **Model No.:** | GWN7672 |
| **Trade Mark:** | GRANDSTREAM |
| **FCC ID:** | YZZGWN7672 |
| **Standard(s) :** | 47 CFR Part 15, Subpart E 15.407 |
| **Date of Receipt:** | 2025-02-17 |
| **Date of Test:** | 2025-03-06 to 2025-04-01 |
| **Date of Issue:** | 2025-04-15 |
| **Test Result:** | **Pass*** |

* In the configuration tested, the EUT complied with the standards specified above.

Keny Xu
EMC Laboratory Manager


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| Revision Record | | | | |
|---|---|---|---|---|
| **Version** | **Chapter** | **Date** | **Modifier** | **Remark** |
| 01 | | 2025-04-15 | | Original |
| | | | | |
| | | | | |

| | | | | |
|---|---|---|---|---|
| **Authorized for issue by:** | | | | |
| | | Calvin Weng | | |
| | | **Calvin Weng/Project Engineer** | | |
| | | Eric Fu | | |
| | | **Eric Fu/Reviewer** | | |


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# 2 Test Summary

| Radio Spectrum Technical Requirement | | | | |
|---|---|---|---|---|
| **Item** | **Standard** | **Method** | **Requirement** | **Result** |
| Antenna Requirement | 47 CFR Part 15, Subpart E 15.407 | N/A | 47 CFR Part 15, Subpart C 15.203 | Pass |

| Radio Spectrum Matter Part | | | | |
|---|---|---|---|---|
| **Item** | **Standard** | **Method** | **Requirement** | **Result** |
| Conducted Emissions at AC Power Line (150kHz-30MHz) | 47 CFR Part 15, Subpart E 15.407 | ANSI C63.10 (2013) Section 6.2 | 47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9) | Pass |
| Maximum Conducted output power | | ANSI C63.10 (2013) Section 12.3 | 47 CFR Part 15, Subpart E 15.407 (a) | Pass |
| Radiated Emissions (Below 1GHz) | | ANSI C63.10 (2013) Section 6.4,6.5 | 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b) | Pass |
| Radiated Emissions (Above 1GHz) | | ANSI C63.10 (2013) Section 6.6 | 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b) | Pass |
| Radiated Emissions which fall in the restricted bands | | ANSI C63.10 (2013) Section 6.10.5 | 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b) | Pass |
| In-Band Emissions | | ANSI C63.10 (2013) Section 12.5 | 47 CFR Part 15, Subpart E 15.407 (b) | Pass |
| Contention-based Protocol | | KDB 987594 D02 | 47 CFR Part 15, Subpart E 15.407 (d)(6) | Pass |
| Duty Cycle | | ANSI C63.10 (2013) Section 12.2 | ANSI C63.10 (2013) Section 12.2 | Pass |
| 99% Bandwidth | | ANSI C63.10 (2013) Section 12.4.2 | ANSI C63.10 (2013) Section 12.4.2 | Pass |
| 26dB Emission bandwidth | | ANSI C63.10 (2013) Section 12.4.1 | 47 CFR Part 15, Subpart E 15.407 (a) | Pass |
| Peak Power spectrum density | | ANSI C63.10 (2013) Section 12.5 | 47 CFR Part 15, Subpart E 15.407 (a) | Pass |
| Frequency Stability | | ANSI C63.10 (2013) Section 6.8 | 47 CFR Part 15, Subpart E 15.407 (g) | Pass |

# 3 Contents

# 4 General Information

## 4.1 Details of E.U.T.

| | |
|---|---|
| Power supply: | Powered by POE DC48V |
| Cable Loss (for RF conducted test): | 1.5dB |
| Antenna Type: | PIFA Antenna |
| Antenna Gain: | Ant1:5.63dBi;Ant2:6.05dBi |
| Operation Frequency: | IEEE 802.11 a/ax/be: U-NII-5:5925 MHz ~ 6425 MHz<br>IEEE 802.11 a/ax/be: U-NII-6:6425 MHz ~ 6525 MHz<br>IEEE 802.11 a/ax/be: U-NII-7:6525 MHz ~ 6875 MHz<br>IEEE 802.11 a/ax/be: U-NII-8:6875 MHz ~ 7125 MHz |
| Number of channels: | 20MHz bandwidth: 59<br>40MHz bandwidth: 29<br>80MHz bandwidth: 14<br>160MHz bandwidth: 7<br>320MHz bandwidth: 3 |
| Modulation Type: | 802.11a: OFDM (BPSK, QPSK, 16QAM)<br>802.11ax: OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM);<br>802.11be: OFDMA with enhancements (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM, 4096QAM) |
| Channel Spacing: | 802.11 a/ax/be 20: 20MHz; 802.11 ax/be 40: 40MHz<br>802.11 ax/be 80: 80MHz; 802.11 ax/be 160: 160MHz<br>802.11 be 320: 320MHz |
| Equipment class: | 6ID |

Remark:The information in this section is provided by the applicant or manufacturer, SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

## 4.2 Description of Support Units

| Description | Manufacturer | Model No. | Serial No. |
|---|---|---|---|
| -- | -- | -- | -- |
| The EUT has been tested as an independent unit. | | | |

## 4.3 Measurement Uncertainty

| Test Item | Measurement Uncertainty |
|---|---|
| Conducted Emissions at AC Power Line (150kHz-30MHz) | ± 3.1dB |
| Maximum Conducted output power | ± 0.75dB |
| Radiated Emissions (Below 1GHz) | ± 6.0dB for 3m; ± 5.0dB for 10m |
| Radiated Emissions (Above 1GHz) | ± 4.6dB (1-18GHz);± 4.8dB (18-40GHz) |

| | |
|---|---|
| Radiated Emissions which fall in the restricted bands | ± 6.0dB (below 1GHz); ± 4.6dB (above 1GHz); |
| In-Band Emissions | ± 2.84dB |
| Duty Cycle | ± 0.37% |
| 99% Bandwidth | ± 3% |
| 26dB Emission bandwidth | ± 3% |
| Peak Power spectrum density | ± 2.84dB |
| Frequency Stability | ± 7.25 x 10-8 |

Remark:
The $U_{lab}$ (lab Uncertainty) is less than $U_{cispr/ETSI}$ (CISPR/ETSI Uncertainty), so the test results
– compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;
– non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.

## 4.4 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen Branch

No. 1 Workshop, M-10, Middle Section, Science & Technology Park, Nanshan District, Shenzhen, Guangdong, China. 518057.

Tel: +86 755 2601 2053 Fax: +86 755 2671 0594

No tests were sub-contracted.

## 4.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

**• A2LA (Certificate No. 3816.01)**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

**• VCCI (Member No. 1937)**

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen EMC laboratory have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

**• FCC –Designation Number: CN1336**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1336. Test Firm Registration Number: 787754.

**• Innovation, Science and Economic Development Canada**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0006.

IC#: 4620C.

## 4.6 Deviation from Standards

None

## 4.7 Abnormalities from Standard Conditions

None

# 5 Equipment List

| Conducted Emissions at AC Power Line (150kHz-30MHz) | | | | | |
|---|---|---|---|---|---|
| **Equipment** | **Manufacturer** | **Model No.** | **Inventory No.** | **Cal Date** | **Cal Due Date** |
| Shielding Room | ZhongYu Electron | GB-88 | SEM001-06 | 2022-05-14 | 2025-05-13 |
| EMI Test Receiver | Rohde&Schwarz | ESR | SZ-WRG-M-047 | 2025-01-8 | 2026-01-7 |
| Matching Pad | N/A | N/A | SEM021-23 | 2025-03-19 | 2026-03-18 |
| Matching Pad | N/A | N/A | SEM021-24 | 2025-03-19 | 2026-03-18 |
| Measurement Software | AUDIX | e3 V8.2014-6-27a | N/A | N/A | N/A |
| Coaxial Cable | SGS | N/A | SEM024-01 | 2024-07-06 | 2025-07-05 |
| LISN | Rohde&Schwarz | ENV216 | SEM007-01 | 2024-08-15 | 2025-08-14 |
| LISN | ETS-LINDGREN | 3816/2 | SEM007-02 | 2025-03-03 | 2026-03-02 |

| Maximum Conducted output power | | | | | |
|---|---|---|---|---|---|
| **Equipment** | **Manufacturer** | **Model No.** | **Inventory No.** | **Cal Date** | **Cal Due Date** |
| Power Sensor | TST PASS | TSPS2023R | SEM009-26 | 2025-03-04 | 2026-03-03 |
| Power Sensor | KEYSIGHT | U2021XA | SEM009-16 | 2025-03-04 | 2026-03-03 |
| DC Power Supply | Chroma | 62012P-80-60 | SEM011-11 | 2024-08-14 | 2025-08-13 |
| MXA Signal Analyzer | KEYSIGHT | N9020A | SEM004-19 | 2025-03-04 | 2026-03-03 |
| Signal Generator | KEYSIGHT | N5173B | SEM006-05 | 2024-09-14 | 2025-09-13 |
| Measurement Software | TST PASS | TST PASS V2.0 | N/A | N/A | N/A |
| Coaxial Cable | SGS | N/A | SEM031-01 | 2024-07-06 | 2025-07-05 |
| Attenuator | Huber+Suhner | 6620_SMA-50-1 | SEM021-09 | 2025-03-03 | 2026-03-02 |
| Programmable Temperature & Humidity Chamber | Votsch Industrietechnik GmbH | VT 4002 | SEM002-15 | 2025-02-26 | 2026-02-25 |

| Radiated Emissions (Below 1GHz) | | | | | |
|---|---|---|---|---|---|
| **Equipment** | **Manufacturer** | **Model No.** | **Inventory No.** | **Cal Date** | **Cal Due Date** |
| Loop Antenna | ETS-Lindgren | 6502 | SEM003-08 | 2023-11-20 | 2025-11-19 |
| 3m Semi-Anechoic Chamber | ETS-LINDGREN | N/A | SEM001-01 | 2023-06-19 | 2026-06-18 |
| MXE EMI Receiver | Agilent Technologies | N9038A | SEM004-15 | 2024-08-14 | 2025-08-13 |
| BiConiLog Antenna | ETS-LINDGREN | 3142C | SEM003-01 | 2023-09-16 | 2025-09-15 |
| Pre-Amplifier | Agilent Technologies | 8447D | SEM005-01 | 2025-03-04 | 2026-03-03 |
| Measurement Software | AUDIX | e3 V8.2014-6-27 | N/A | N/A | N/A |
| Coaxial Cable | SGS | N/A | SEM025-01 | 2024-07-06 | 2025-07-05 |

| Radiated Emissions (Above 1GHz) | | | | | |
|---|---|---|---|---|---|
| **Equipment** | **Manufacturer** | **Model No.** | **Inventory No.** | **Cal Date** | **Cal Due Date** |
| 3m Fully-Anechoic Chamber | AUDIX | N/A | SEM001-02 | 2024-05-11 | 2027-05-10 |
| Signal Analyzer | Rohde & Schwarz | FSV40 | SEM008-04 | 2025-03-04 | 2026-03-03 |
| Horn Antenna | Rohde&Schwarz | HF907 | SEM003-07 | 2023-07-23 | 2025-07-22 |
| Microwave system amplifier | Agilent | 83017A | SEM005-25 | 2024-09-14 | 2025-09-13 |
| Measurement Software | AUDIX | e3 V8.2014-6-27 | N/A | N/A | N/A |
| Coaxial Cable | SGS | N/A | SEM026-01 | 2024-07-06 | 2025-07-05 |
| Broad-Band Horn Antenna | Schwarzbeck | BBHA 9170 | SEM003-15 | 2024-08-10 | 2025-08-09 |
| Pre-Amplifier | Compliance Directions Systems Inc. | PAP-2640-50 | SEM005-08 | 2024-03-22<br>2025-03-21 | 2025-03-21<br>2026-03-20 |

| Radiated Emissions which fall in the restricted bands | | | | | |
|---|---|---|---|---|---|
| **Equipment** | **Manufacturer** | **Model No.** | **Inventory No.** | **Cal Date** | **Cal Due Date** |
| 3m Fully-Anechoic Chamber | AUDIX | N/A | SEM001-02 | 2024-05-11 | 2027-05-10 |
| Signal Analyzer | Rohde & Schwarz | FSV40 | SEM008-04 | 2025-03-04 | 2026-03-03 |
| Horn Antenna | Rohde&Schwarz | HF907 | SEM003-07 | 2023-07-23 | 2025-07-22 |
| Microwave system amplifier | Agilent | 83017A | SEM005-25 | 2024-09-14 | 2025-09-13 |
| Measurement Software | AUDIX | e3 V8.2014-6-27 | N/A | N/A | N/A |
| Coaxial Cable | SGS | N/A | SEM026-01 | 2024-07-06 | 2025-07-05 |


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| In-Band Emissions | | | | | |
|---|---|---|---|---|---|
| **Equipment** | **Manufacturer** | **Model No.** | **Inventory No.** | **Cal Date** | **Cal Due Date** |
| DC Power Supply | Chroma | 62012P-80-60 | SEM011-11 | 2024-08-14 | 2025-08-13 |
| MXA Signal Analyzer | KEYSIGHT | N9020A | SEM004-19 | 2025-03-04 | 2026-03-03 |
| Signal Generator | KEYSIGHT | N5173B | SEM006-05 | 2024-09-14 | 2025-09-13 |
| Measurement Software | TST PASS | TST PASS V2.0 | N/A | N/A | N/A |
| Coaxial Cable | SGS | N/A | SEM031-01 | 2024-07-06 | 2025-07-05 |
| Attenuator | Huber+Suhner | 6620_SMA-50-1 | SEM021-09 | 2025-03-03 | 2026-03-02 |
| Programmable Temperature & Humidity Chamber | Votsch Industrietechnik GmbH | VT 4002 | SEM002-15 | 2025-02-26 | 2026-02-25 |

| Contention-based Protocol | | | | | |
|---|---|---|---|---|---|
| **Equipment** | **Manufacturer** | **Model No.** | **Inventory No.** | **Cal Date** | **Cal Due Date** |
| Shielding Room | AUDIX | N/A | SEM001-08 | 2022-05-14 | 2025-05-13 |
| EXA Signal Analyzer | KEYSIGHT | N9010A | SEM004-09 | 2025-03-03 | 2026-03-02 |
| ESG Vector Signal Generator | KEYSIGHT | E4438C | SEM006-15 | 2024-08-15 | 2025-08-14 |
| DC Power Supply | KEYSIGHT | E3642A | SEM011-07 | 2025-02-26 | 2026-02-25 |
| Manual Step Attenuator | KEYSIGHT | 8494B | SEM021-05 | 2025-03-03 | 2026-03-02 |
| Manual Step Attenuator | KEYSIGHT | 8496B | SEM021-06 | 2025-03-03 | 2026-03-02 |
| Power Sensor | TST PASS | TSPS2023R | SEM009-26 | 2025-03-04 | 2026-03-03 |
| Power Sensor | TST PASS | TSPS2023R | SEM009-27 | 2025-03-04 | 2026-03-03 |
| Power Sensor | TST PASS | TSPS2023R | SEM009-28 | 2025-03-04 | 2026-03-03 |
| Power Sensor | TST PASS | TSPS2023R | SEM009-29 | 2025-03-04 | 2026-03-03 |
| Programmable Temperature&Humidity Chamber | Votsch Industrietechnik GmbH | VT 4002 | SEM002-15 | 2025-02-26 | 2026-02-25 |
| Universal Radio Communication Tester | Rohde&Schwarz | CMW500 | SEM010-08 | 2025-03-04 | 2026-03-03 |
| Measurement Software | TST PASS | TST PASS V2.0 | N/A | N/A | N/A |
| Coaxial Cable | SGS | N/A | SEM028-01 | 2024-07-06 | 2025-07-05 |

| RF Conducted Test | | | | | |
|---|---|---|---|---|---|
| **Equipment** | **Manufacturer** | **Model No.** | **Inventory No.** | **Cal Date** | **Cal Due Date** |
| DC Power Supply | Chroma | 62012P-80-60 | SEM011-11 | 2024-08-14 | 2025-08-13 |
| MXA Signal Analyzer | KEYSIGHT | N9020A | SEM004-19 | 2025-03-04 | 2026-03-03 |
| Signal Generator | KEYSIGHT | N5173B | SEM006-05 | 2024-09-14 | 2025-09-13 |
| Measurement Software | TST PASS | TST PASS V2.0 | N/A | N/A | N/A |
| Coaxial Cable | SGS | N/A | SEM031-01 | 2024-07-06 | 2025-07-05 |
| Attenuator | Huber+Suhner | 6620_SMA-50-1 | SEM021-09 | 2025-03-03 | 2026-03-02 |
| Programmable Temperature & Humidity Chamber | Votsch Industrietechnik GmbH | VT 4002 | SEM002-15 | 2025-02-26 | 2026-02-25 |

| General used equipment | | | | | |
|---|---|---|---|---|---|
| **Equipment** | **Manufacturer** | **Model No.** | **Inventory No.** | **Cal Date** | **Cal Due Date** |
| Humidity/ Temperature Indicator | deli | 8838 | SEM002-32 | 2024-07-24 | 2025-07-23 |
| Humidity/ Temperature Indicator | deli | 8838 | SEM002-33 | 2024-07-24 | 2025-07-23 |
| Barometer | Changchun Meteorological Industry Factory | DYM3 | SEM002-01 | 2025-03-03 | 2026-03-02 |

# 6 Radio Spectrum Technical Requirement

## 6.1 Antenna Requirement

### 6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

### 6.1.2 Conclusion

Standard Requirement:

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a antenna that uses a unique coupling to the intentional radiator, the manufacturer may design the unit permanently attached antenna or of an so that a broken antenna can be replaced by the user, but the use of a standard antenna jack or electrical connector is prohibited.

EUT Antenna:

The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the Ant1:5.63dBi;Ant2:6.05dBi, directional gain: 9.06dBi

Antenna location: Refer to internal photo.

# 7 Radio Spectrum Matter Test Results

## 7.1 Conducted Emissions at AC Power Line (150kHz-30MHz)

Test Requirement 47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9)
Test Method: ANSI C63.10 (2013) Section 6.2

Limit:

| Frequency of emission(MHz) | Conducted limit(dBμV) | |
|---|---|---|
| | Quasi-peak | Average |
| 0.15-0.5 | 66 to 56* | 56 to 46* |
| 0.5-5 | 56 | 46 |
| 5-30 | 60 | 50 |
| *Decreases with the logarithm of the frequency. | | |

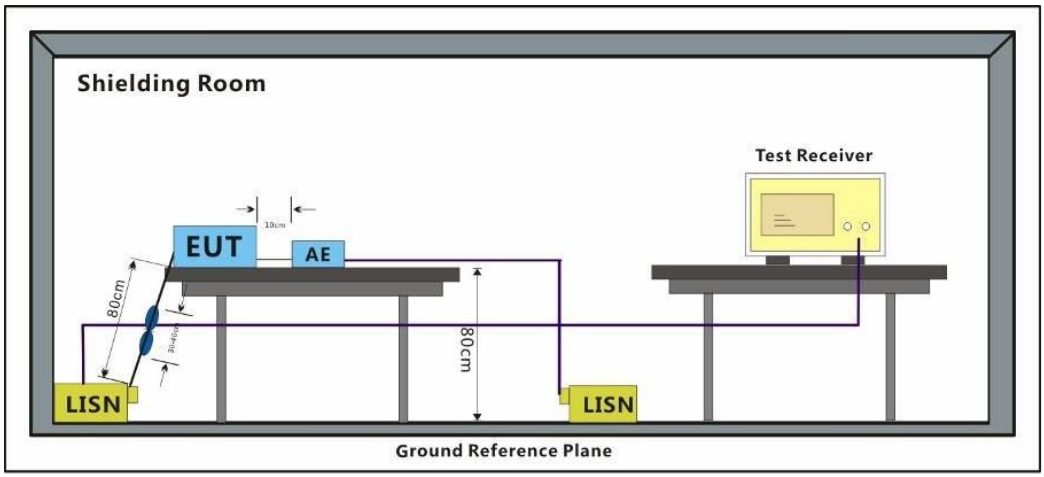
### 7.1.1 E.U.T. Operation

Operating Environment:
Temperature: 22.5 °C Humidity: 44.5 % RH Atmospheric Pressure: 1020 mbar

### 7.1.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 08 | TX mode (U-NII-5) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Pre-scan | 09 | TX mode (U-NII-6) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Pre-scan | 10 | TX mode (U-NII-7) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Pre-scan | 11 | TX mode (U-NII-8) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |

### 7.1.3 Test Setup Diagram




### 7.1.4 Measurement Procedure and Data

1) The mains terminal disturbance voltage test was conducted in a shielded room.

2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50ohm/50μH + 5ohm linear impedance. The power cables of all other units of the EUT were connected to a second LISN 2, which was bonded to the ground reference plane in the same way as the LISN 1 for the unit being measured. A multiple socket outlet strip was used to connect multiple power cables to a single LISN provided the rating of the LISN was not exceeded.

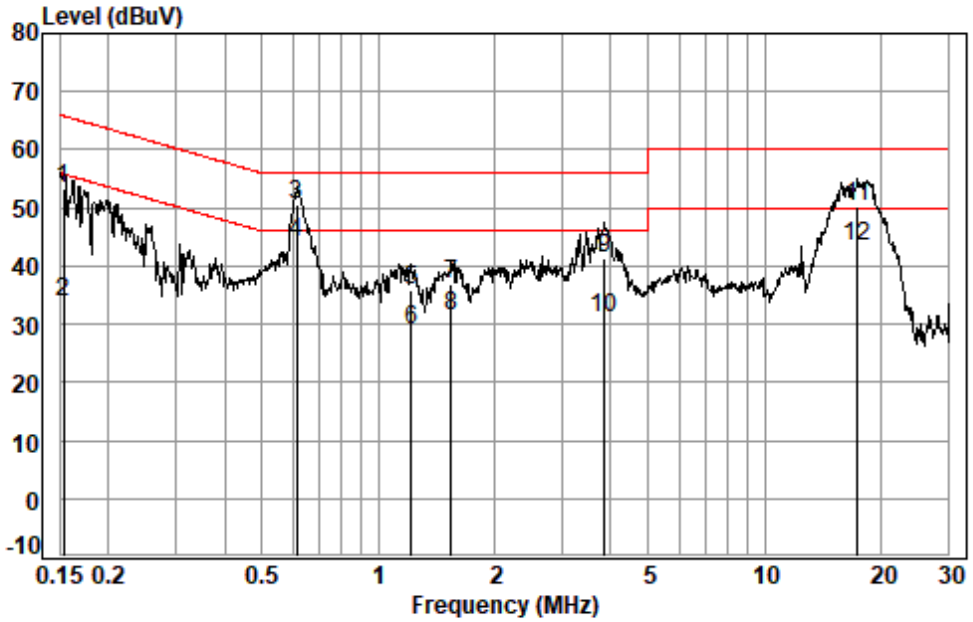
3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,

4) The test was performed with a vertical ground reference plane. The rear of the EUT shall be 0.4 m from the vertical ground reference plane. The vertical ground reference plane was bonded to the horizontal ground reference plane. The LISN 1 was placed 0.8 m from the boundary of the unit under test and bonded to a ground reference plane for LISNs mounted on top of the ground reference plane. This distance was between the closest points of the LISN 1 and the EUT. All other units of the EUT and associated equipment was at least 0.8 m from the LISN 2.

5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

Remark: Level=Read Level+ Cable Loss+ LISN Factor

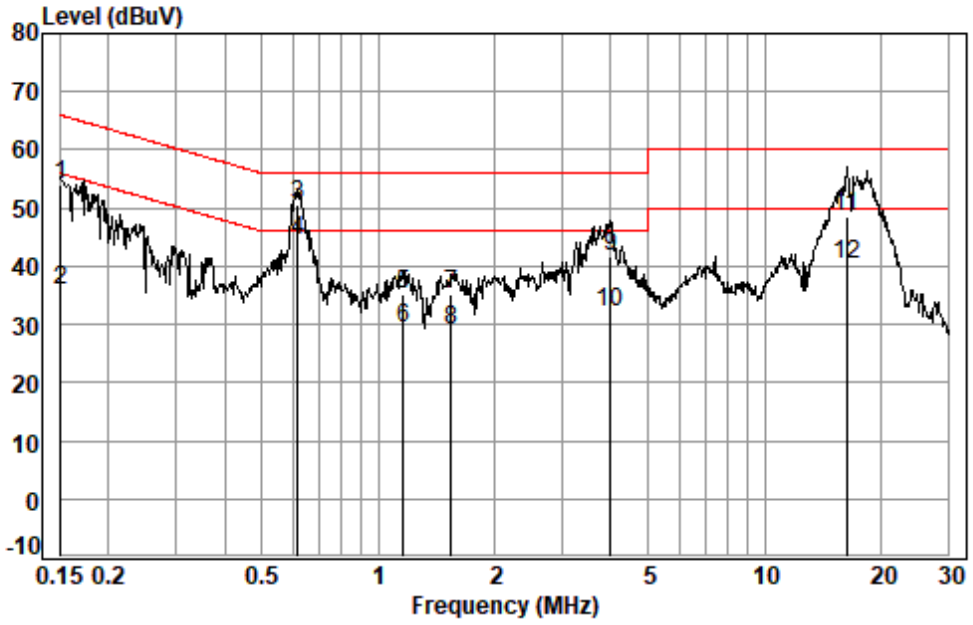
Test Mode: 08; Line: Live line




Site : Shielding Room
Condition: Line
Job No. : 00544AT
Test mode: 08

| | | Freq | Cable Loss | LISN Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dB | dB | dBuV | dBuV | dBuV | dB | |
| 1 | | 0.1532 | 0.06 | 10.19 | 42.98 | 53.23 | 65.82 | -12.59 | QP |
| 2 | | 0.1532 | 0.06 | 10.19 | 23.69 | 33.94 | 55.82 | -21.88 | Average |
| 3 | * | 0.6140 | 0.08 | 9.61 | 40.90 | 50.59 | 56.00 | -5.41 | QP |
| 4 | * | 0.6140 | 0.08 | 9.61 | 34.50 | 44.19 | 46.00 | -1.81 | Average |
| 5 | | 1.2162 | 0.09 | 9.58 | 26.16 | 35.83 | 56.00 | -20.17 | QP |
| 6 | | 1.2162 | 0.09 | 9.58 | 19.19 | 28.86 | 46.00 | -17.14 | Average |
| 7 | | 1.5436 | 0.10 | 9.58 | 27.24 | 36.92 | 56.00 | -19.08 | QP |
| 8 | | 1.5436 | 0.10 | 9.58 | 21.68 | 31.36 | 46.00 | -14.64 | Average |
| 9 | | 3.8603 | 0.12 | 9.65 | 31.59 | 41.36 | 56.00 | -14.64 | QP |
| 10 | | 3.8603 | 0.12 | 9.65 | 21.44 | 31.21 | 46.00 | -14.79 | Average |
| 11 | | 17.3826 | 0.28 | 10.05 | 39.92 | 50.25 | 60.00 | -9.75 | QP |
| 12 | | 17.3826 | 0.28 | 10.05 | 32.98 | 43.31 | 50.00 | -6.69 | Average |

Test Mode: 08; Line: Neutral Line




Site : Shielding Room
Condition: Neutral
Job No. : 00544AT
Test mode: 08

| | | Freq | Cable Loss | LISN Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dB | dB | dBuV | dBuV | dBuV | dB | |
| 1 | | 0.1508 | 0.06 | 10.15 | 43.72 | 53.93 | 65.96 | -12.03 | QP |
| 2 | | 0.1508 | 0.06 | 10.15 | 25.51 | 35.72 | 55.96 | -20.24 | Average |
| 3 | * | 0.6205 | 0.08 | 9.67 | 40.89 | 50.64 | 56.00 | -5.36 | QP |
| 4 | * | 0.6205 | 0.08 | 9.67 | 34.82 | 44.57 | 46.00 | -1.43 | Average |
| 5 | | 1.1595 | 0.09 | 9.54 | 25.64 | 35.27 | 56.00 | -20.73 | QP |
| 6 | | 1.1595 | 0.09 | 9.54 | 19.60 | 29.23 | 46.00 | -16.77 | Average |
| 7 | | 1.5436 | 0.10 | 9.55 | 25.54 | 35.19 | 56.00 | -20.81 | QP |
| 8 | | 1.5436 | 0.10 | 9.55 | 19.41 | 29.06 | 46.00 | -16.94 | Average |
| 9 | | 3.9850 | 0.12 | 9.55 | 31.99 | 41.66 | 56.00 | -14.34 | QP |
| 10 | | 3.9850 | 0.12 | 9.55 | 22.37 | 32.04 | 46.00 | -13.96 | Average |
| 11 | | 16.3118 | 0.27 | 9.94 | 38.24 | 48.45 | 60.00 | -11.55 | QP |
| 12 | | 16.3118 | 0.27 | 9.94 | 30.21 | 40.42 | 50.00 | -9.58 | Average |

## 7.2 Maximum Conducted output power

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)
Test Method: ANSI C63.10 (2013) Section 12.3

Limit:

| Device Type | Frequency Range (MHz) | EIRP Limit (dBm) | EIRP PSD Limit(dBm/MHz) |
|---|---|---|---|
| LPI AP/Subordinate | 5925-7125 | ⩽30 | ⩽5 |
| LP Client Device | 5925-7125 | ⩽24 | ⩽-1 |
| Standard Power AP And Fixed Client Devices | 5925-6875 | ⩽36 (21dBm for elevation angle greater than 30 degrees above the horizon) | ⩽23 |
| Standard Client Devices | 5925-6875 | ⩽30 | ⩽17 |
| Very low-power devices | 5925-7125 | ⩽14 | ⩽-5 shall implement transmitter power control in order to have the capability to operate at least 6 dB lower than the maximum e.i.r.p. spectral density limit. |

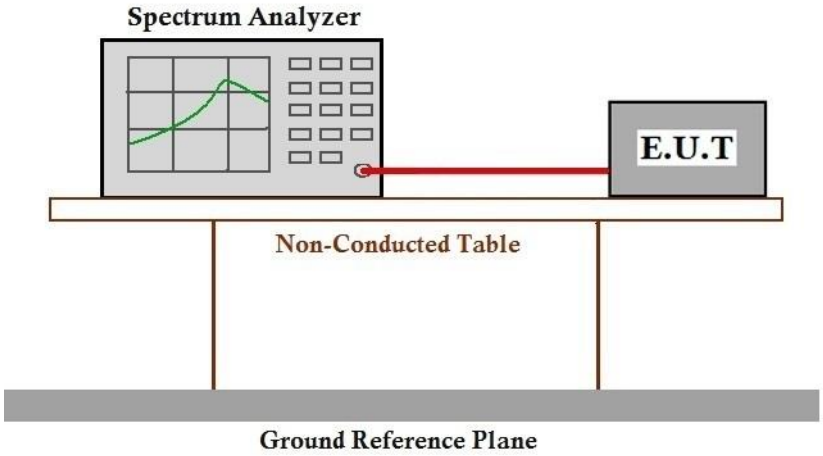
### 7.2.1 E.U.T. Operation

Operating Environment:
Temperature: 22.2 °C Humidity: 47.6 % RH Atmospheric Pressure: 1020 mbar

### 7.2.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 08 | TX mode (U-NII-5) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 09 | TX mode (U-NII-6) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 10 | TX mode (U-NII-7) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 11 | TX mode (U-NII-8) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |

### 7.2.3 Test Setup Diagram




### 7.2.4 Measurement Procedure and Data

Please Refer to Appendix for Details

## 7.3 Radiated Emissions (Below 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)
Test Method: ANSI C63.10 (2013) Section 6.4,6.5
Measurement Distance: 3m

Limit:

| Frequency(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 | 100 | 3 |
| 88-216 | 150 | 3 |
| 216-960 | 200 | 3 |
| 960-1000 | 500 | 3 |

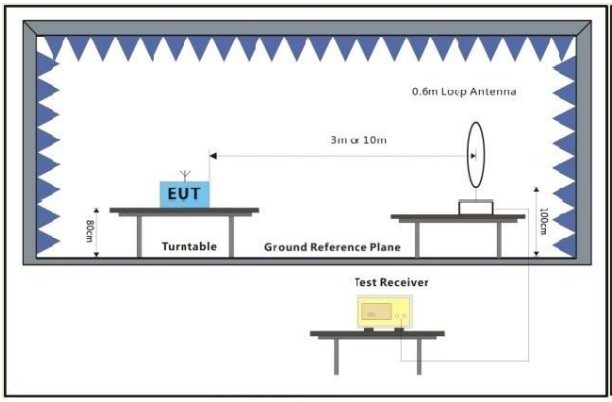
### 7.3.1 E.U.T. Operation

Operating Environment:
Temperature: 23.5 °C Humidity: 46.8 % RH Atmospheric Pressure: 1020 mbar

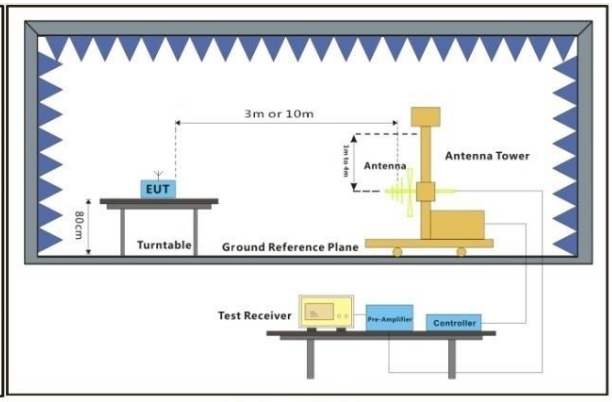
### 7.3.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 08 | TX mode (U-NII-5) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Pre-scan | 09 | TX mode (U-NII-6) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Pre-scan | 10 | TX mode (U-NII-7) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Pre-scan | 11 | TX mode (U-NII-8) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |

### 7.3.3 Test Setup Diagram




Below 30MHz




30MHz-1GHz

### 7.3.4 Measurement Procedure and Data

a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using quasi-peak method as specified and then reported in a data sheet.

g. Test the EUT in the lowest channel, the middle channel, the Highest channel.

h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.

i. Repeat above procedures until all frequencies measured was complete.

Remark:

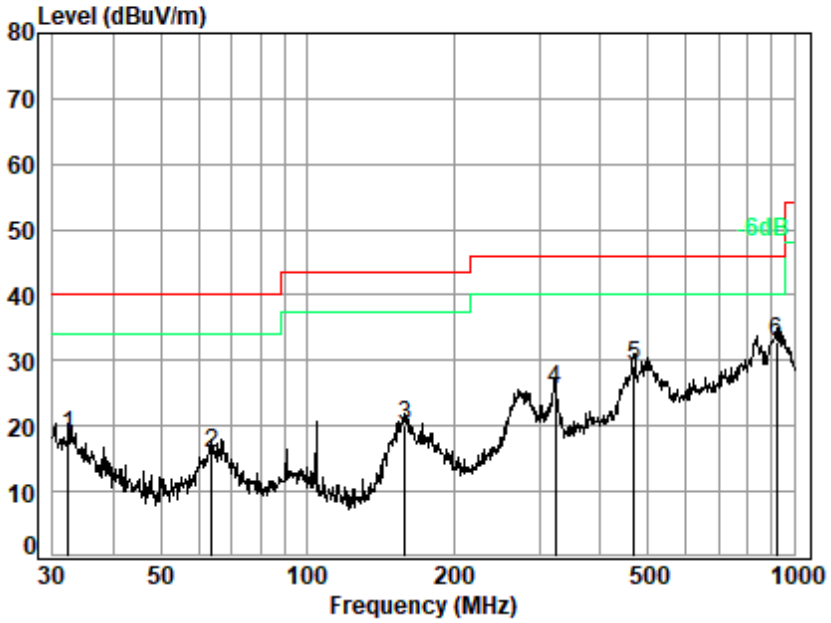
1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

2. For emission below 1GHz, through the pre-scan found the worst case is the lowest channel of 802.11a. Only the worst case is recorded in the report.

3. Scan from 9kHz to 30MHz, the disturbance below 30MHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

4. The disturbance below 1GHz was very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

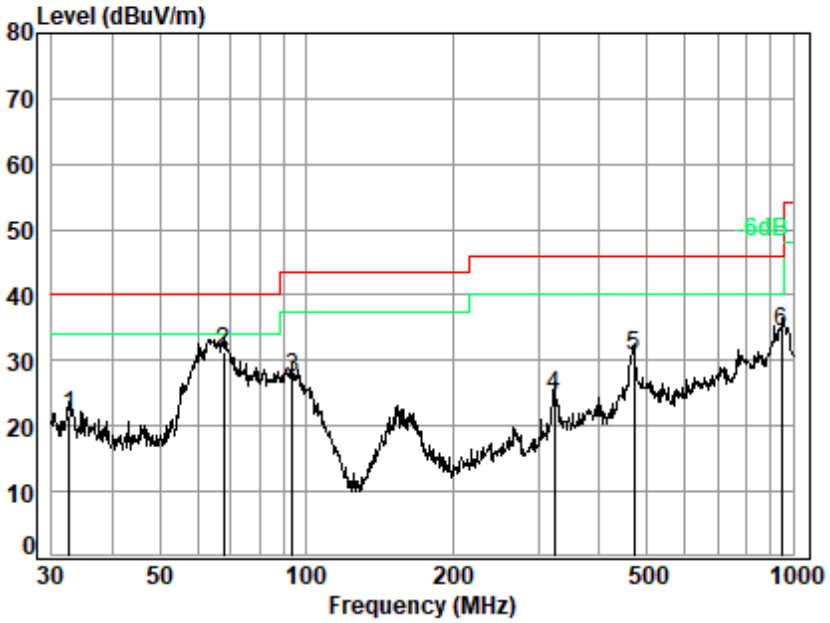
Test Mode: 08; Polarity: Horizontal




Site : chamber
Condition: 3m HORIZONTAL
Job No. : 00544AT/00545AT
Test Mode: 08

| | Freq | Ant Factor | Cable Loss | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB/m | dB | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 32.293 | 20.15 | 0.70 | 27.79 | 25.37 | 18.43 | 40.00 | -21.57 | QP |
| 2 | 63.536 | 11.14 | 0.98 | 27.70 | 31.48 | 15.90 | 40.00 | -24.10 | QP |
| 3 | 158.668 | 13.63 | 1.58 | 27.34 | 32.08 | 19.95 | 43.50 | -23.55 | QP |
| 4 | 323.320 | 18.58 | 2.30 | 26.84 | 31.43 | 25.47 | 46.00 | -20.53 | QP |
| 5 | 468.876 | 22.12 | 2.82 | 27.44 | 31.63 | 29.13 | 46.00 | -16.87 | QP |
| 6 q | 922.516 | 28.19 | 4.18 | 26.60 | 27.16 | 32.93 | 46.00 | -13.07 | QP |

Test Mode: 08; Polarity: Vertical




Site : chamber
Condition: 3m VERTICAL
Job No. : 00544AT/00545AT
Test Mode: 08

| | Freq | Ant Factor | Cable Loss | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB/m | dB | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 32.634 | 20.02 | 0.70 | 27.78 | 28.72 | 21.66 | 40.00 | -18.34 | QP |
| 2 q | 67.675 | 10.75 | 1.00 | 27.68 | 47.29 | 31.36 | 40.00 | -8.64 | QP |
| 3 | 93.768 | 12.03 | 1.18 | 27.61 | 41.77 | 27.37 | 43.50 | -16.13 | QP |
| 4 | 323.320 | 18.58 | 2.30 | 26.84 | 30.62 | 24.66 | 46.00 | -21.34 | QP |
| 5 | 472.176 | 22.34 | 2.83 | 27.45 | 32.92 | 30.64 | 46.00 | -15.36 | QP |
| 6 | 948.761 | 28.23 | 4.25 | 26.42 | 28.35 | 34.41 | 46.00 | -11.59 | QP |

## 7.4 Radiated Emissions (Above 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)
Test Method: ANSI C63.10 (2013) Section 6.6
Measurement Distance: 3m

Limit:

| Frequency(MHz) | Field strength(microvolts/meter) | Measurement distance(meters) |
|---|---|---|
| Above 1GHz | 500 | 3 |

a. any emission outside the 5925-7125 MHz frequency band shall not exceed −27 dBm/MHz e.i.r.p. spectral density

b. the e.i.r.p. spectral density of unwanted emissions falling into the 5925-7125 MHz frequency band shall be attenuated below the reference spectral density by:

i. 20dB at 1MHz away from the channel edges.

ii. a value, linearly interpolated in a dB scale, between 20 dB and 28 dB at frequencies between 1MHz outside of channel edges and 1 channel bandwidth away from the operating channel center, respectively

iii. 28dB at 1 channel bandwidth away from the operating channel center

iv. a value, linearly interpolated in a dB scale, between 28 dB and 40 dB at frequencies between 1 channel bandwidth away from the operating channel center and 1.5 times the channel bandwidth away from the operating channel center, respectively

v. 40dB at 1.5 times the channel bandwidth away from the operating channel center

vi. a minimum of 40 dB at frequencies that are further away than 1.5 times the channel bandwidth from the operating channel center.

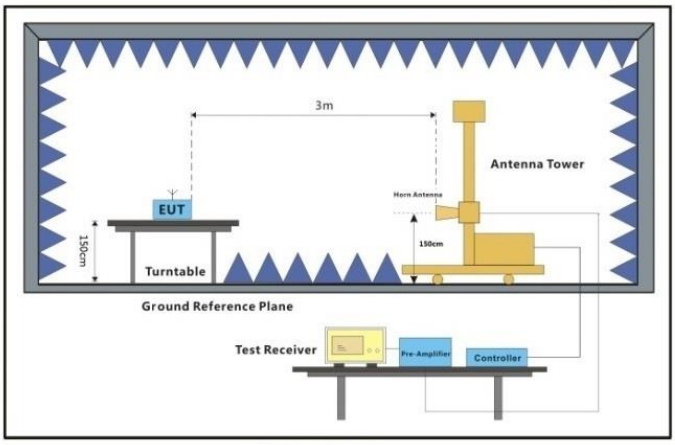
### 7.4.1 E.U.T. Operation

Operating Environment:
Temperature: 23.5 °C Humidity: 56.3 % RH Atmospheric Pressure: 1020 mbar

### 7.4.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 08 | TX mode (U-NII-5) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 09 | TX mode (U-NII-6) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 10 | TX mode (U-NII-7) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 11 | TX mode (U-NII-8) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |

### 7.4.3 Test Setup Diagram




Above 1GHz

### 7.4.4 Measurement Procedure and Data

a. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

c. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak or average method as specified and then reported in a data sheet.

g. Test the EUT in the lowest channel, the middle channel, the Highest channel.

h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.

i. Repeat above procedures until all frequencies measured was complete.

Remark:

1. Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

2. Scan from 18GHz to 40GHz, the disturbance above 18GHz was very low. The points marked on above plots are the highest emissions could be found when testing, so only above points had been displayed. The amplitude of spurious emissions from the radiator which are attenuated more than 20dB below the limit need not be reported.

3. As shown in this section, for frequencies above 1GHz, the field strength limits are based on average limits. 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 the emissions whose peak level is lower than the average limit, only the peak measurement is shown in the report.

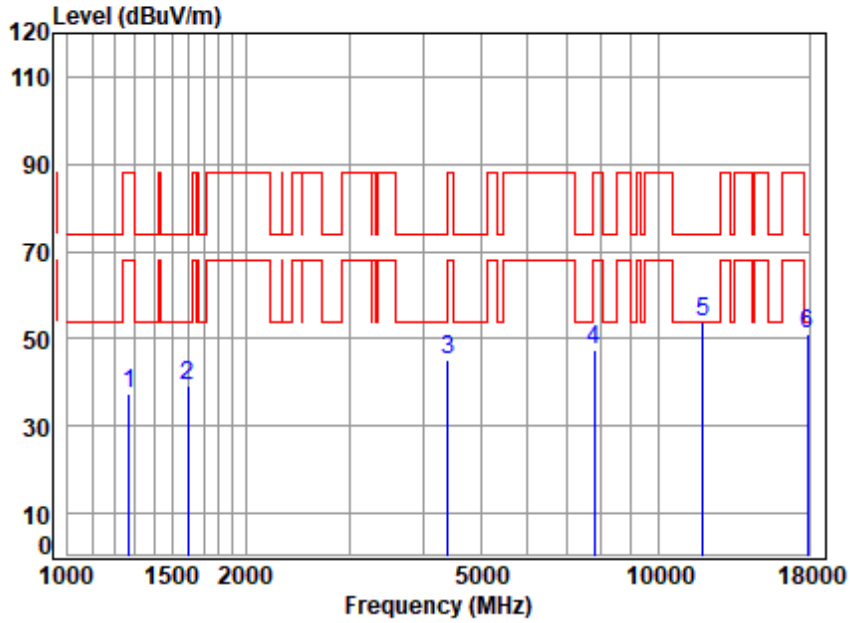
4. The disturbance above 18GHz were very low and the harmonics were the highest point could be found when testing, so only the above harmonics had been displayed.

5. For devices with multiple operating modes, measurements on the middle channel is used to determine the worst-case mode(s). Only the worst case mode with the highest output power and the mode with the highest output power spectral density for each modulation family (e.g., OFDM and direct sequence spread spectrum) is recorded in the test report.

6.The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.

7. For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is ≥1/T (Duty cycle＜98%) or 10Hz (Duty cycle≥98%) for Average detection (AV) at frequency above 1GHz.

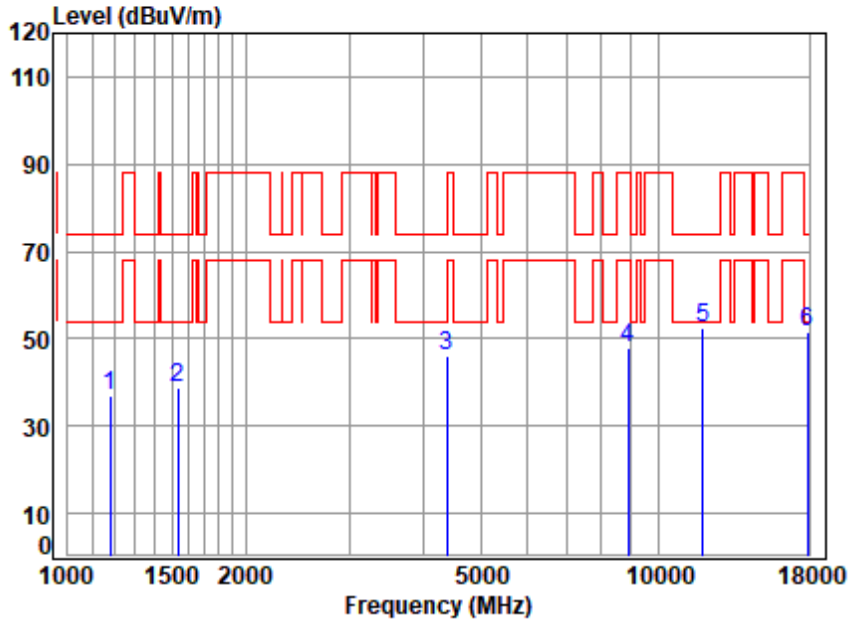
Test Mode: 08; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 5955 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1271.123 | 10.16 | 24.97 | 54.70 | 57.03 | 37.46 | 88.20 | -50.74 | peak |
| 2 | 1597.181 | 10.22 | 26.81 | 54.80 | 57.04 | 39.27 | 74.00 | -34.73 | peak |
| 3 | 4405.090 | 10.78 | 34.74 | 54.26 | 53.87 | 45.13 | 88.20 | -43.07 | peak |
| 4 | 7784.729 | 10.40 | 36.34 | 53.12 | 53.68 | 47.30 | 88.20 | -40.90 | peak |
| 5 | p11910.000 | 12.63 | 37.71 | 53.18 | 56.78 | 53.94 | 74.00 | -20.06 | peak |
| 6 | 17865.000 | 15.16 | 43.90 | 52.47 | 44.31 | 50.90 | 74.00 | -23.10 | peak |

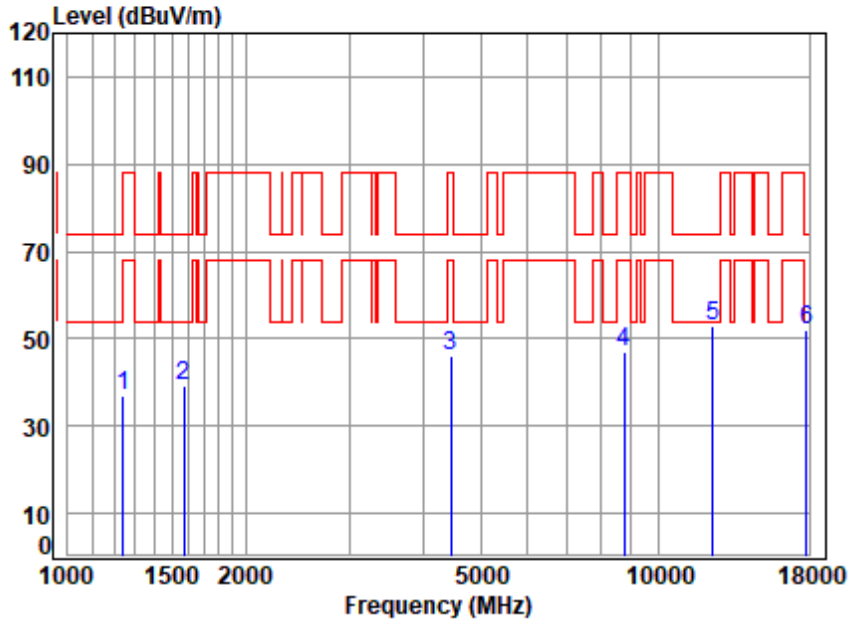
Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 5955 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1179.100 | 10.14 | 24.19 | 54.67 | 57.23 | 36.89 | 74.00 | -37.11 | peak |
| 2 | 1538.281 | 10.21 | 26.95 | 54.79 | 56.23 | 38.60 | 74.00 | -35.40 | peak |
| 3 | 4379.699 | 10.78 | 34.64 | 54.26 | 55.02 | 46.18 | 74.00 | -27.82 | peak |
| 4 | 8891.725 | 10.56 | 37.20 | 53.55 | 53.90 | 48.11 | 88.20 | -40.09 | peak |
| 5 | p11910.000 | 12.63 | 37.71 | 53.18 | 55.52 | 52.68 | 74.00 | -21.32 | peak |
| 6 | 17865.000 | 15.16 | 43.90 | 52.47 | 45.05 | 51.64 | 74.00 | -22.36 | peak |

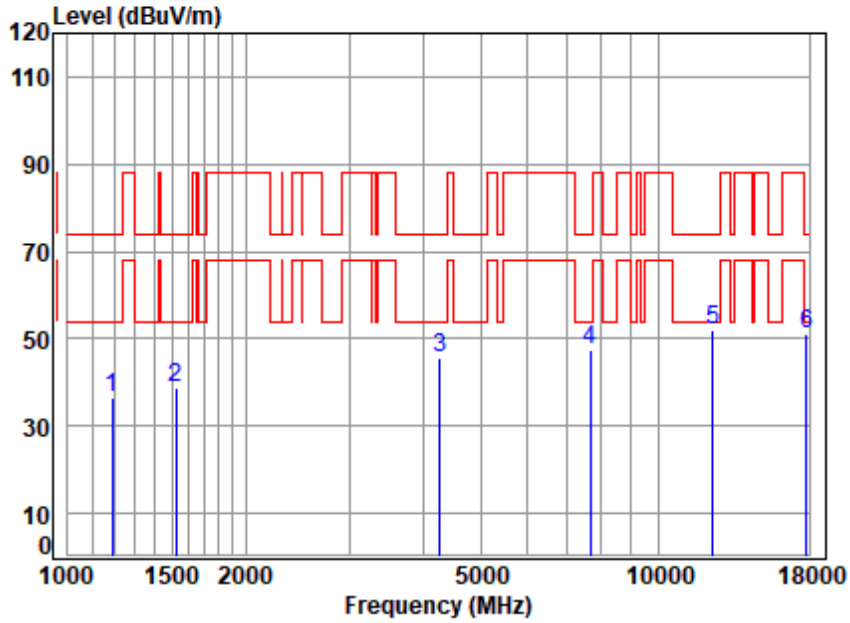
Test Mode: 08; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6175 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1242.068 | 10.15 | 24.99 | 54.69 | 56.67 | 37.12 | 88.20 | -51.08 | peak |
| 2 | 1574.265 | 10.22 | 26.90 | 54.80 | 57.09 | 39.41 | 74.00 | -34.59 | peak |
| 3 | 4456.315 | 10.79 | 34.12 | 54.25 | 55.34 | 46.00 | 88.20 | -42.20 | peak |
| 4 | 8764.146 | 10.38 | 36.96 | 53.49 | 53.17 | 47.02 | 88.20 | -41.18 | peak |
| 5 | p12350.000 | 12.52 | 37.90 | 53.20 | 55.50 | 52.72 | 74.00 | -21.28 | peak |
| 6 | 17793.090 | 15.19 | 43.89 | 52.50 | 45.62 | 52.20 | 74.00 | -21.80 | peak |

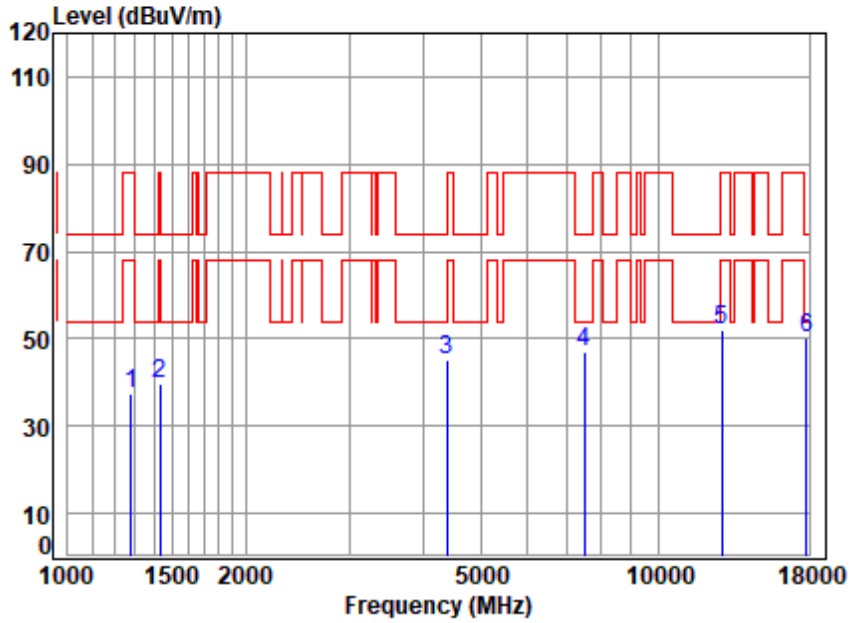
Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6175 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1189.368 | 10.14 | 24.29 | 54.68 | 56.82 | 36.57 | 74.00 | -37.43 | peak |
| 2 | 1525.000 | 10.21 | 26.90 | 54.78 | 56.32 | 38.65 | 74.00 | -35.35 | peak |
| 3 | 4267.237 | 10.75 | 33.87 | 54.27 | 55.25 | 45.60 | 74.00 | -28.40 | peak |
| 4 | 7673.034 | 10.59 | 36.15 | 53.13 | 53.67 | 47.28 | 74.00 | -26.72 | peak |
| 5 | p12350.000 | 12.52 | 37.90 | 53.20 | 54.95 | 52.17 | 74.00 | -21.83 | peak |
| 6 | 17844.590 | 15.17 | 43.90 | 52.48 | 44.73 | 51.32 | 74.00 | -22.68 | peak |

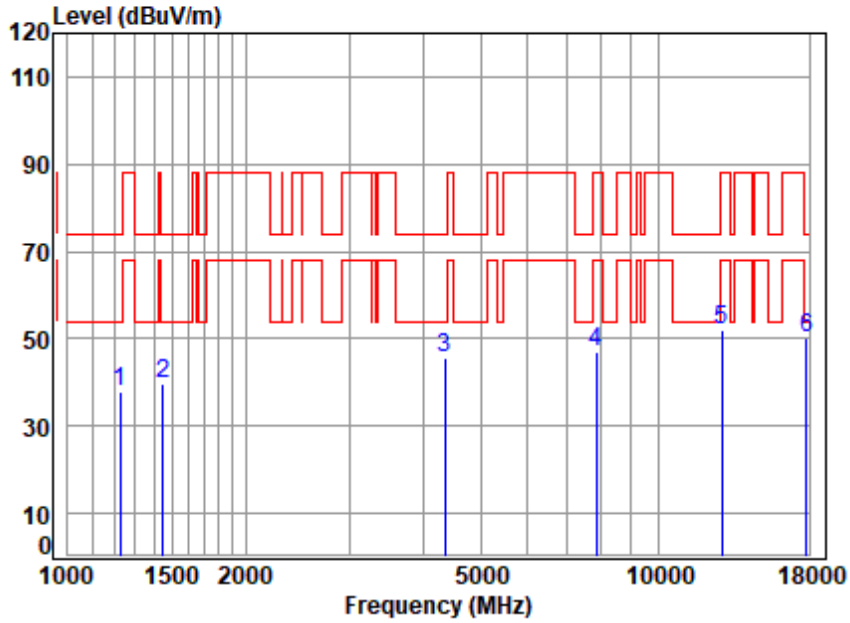
Test Mode: 08; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6395 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1278.492 | 10.16 | 24.93 | 54.71 | 57.22 | 37.60 | 88.20 | -50.60 | peak |
| 2 | 1435.189 | 10.19 | 25.16 | 54.76 | 59.06 | 39.65 | 74.00 | -34.35 | peak |
| 3 | 4379.699 | 10.78 | 34.64 | 54.26 | 54.09 | 45.25 | 74.00 | -28.75 | peak |
| 4 | 7497.646 | 10.90 | 36.10 | 53.15 | 53.19 | 47.04 | 74.00 | -26.96 | peak |
| 5 | 12790.000 | 12.49 | 38.10 | 53.20 | 54.77 | 52.16 | 88.20 | -36.04 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 43.81 | 50.39 | 74.00 | -23.61 | peak |

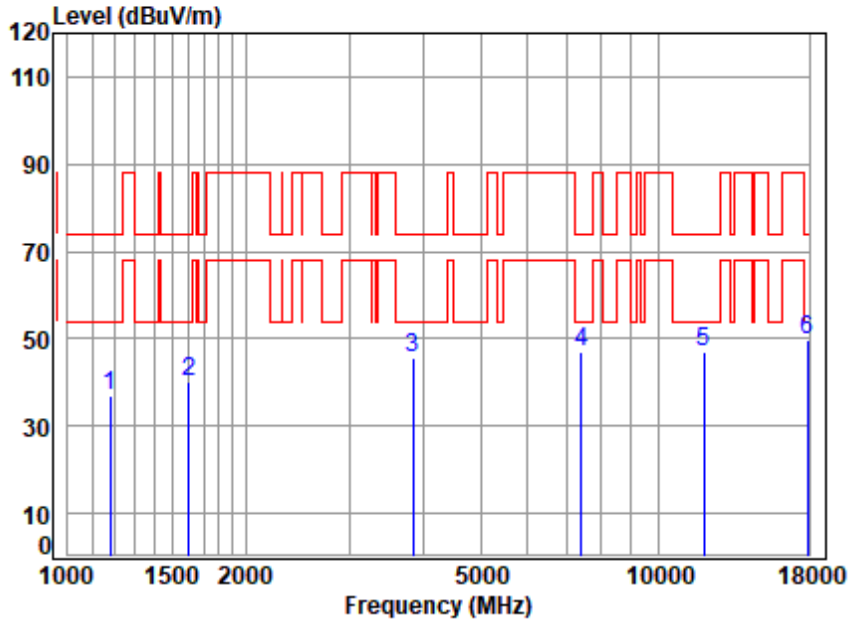
Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6395 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1227.791 | 10.15 | 24.79 | 54.69 | 57.44 | 37.69 | 74.00 | -36.31 | peak |
| 2 | 1447.688 | 10.19 | 25.36 | 54.76 | 58.87 | 39.66 | 74.00 | -34.34 | peak |
| 3 | 4354.454 | 10.77 | 34.44 | 54.26 | 54.87 | 45.82 | 74.00 | -28.18 | peak |
| 4 | 7852.524 | 10.28 | 36.41 | 53.11 | 53.42 | 47.00 | 88.20 | -41.20 | peak |
| 5 | 12790.000 | 12.49 | 38.10 | 53.20 | 54.70 | 52.09 | 88.20 | -36.11 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 43.72 | 50.30 | 74.00 | -23.70 | peak |

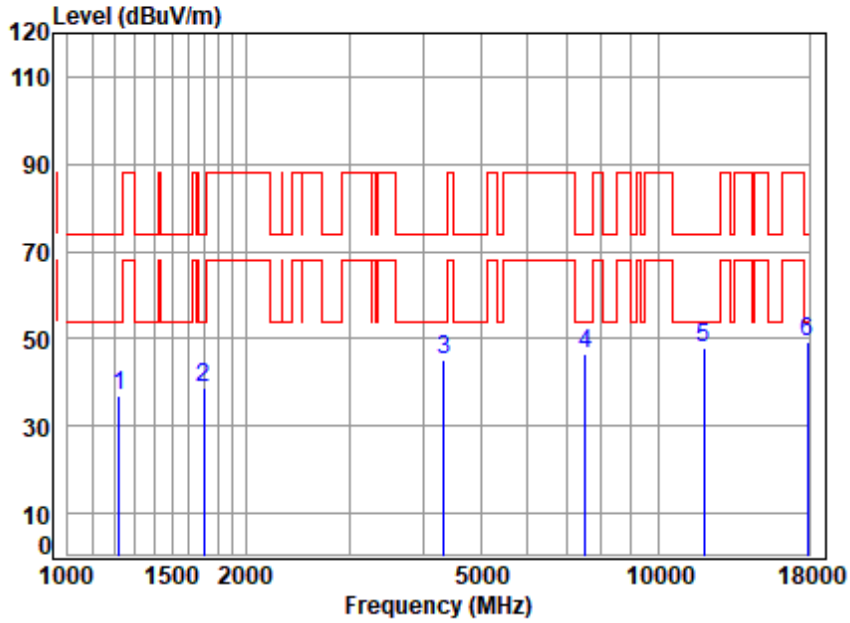
Test Mode: 08; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 5965 TX RSE
Note : WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1179.100 | 10.14 | 24.19 | 54.67 | 57.40 | 37.06 | 74.00 | -36.94 | peak |
| 2 | 1601.804 | 10.22 | 26.78 | 54.80 | 58.05 | 40.25 | 74.00 | -33.75 | peak |
| 3 | 3845.537 | 10.67 | 33.04 | 54.40 | 56.17 | 45.48 | 74.00 | -28.52 | peak |
| 4 | 7411.461 | 10.90 | 35.85 | 53.16 | 53.23 | 46.82 | 74.00 | -27.18 | peak |
| 5 | 11930.000 | 12.66 | 37.73 | 53.19 | 49.92 | 47.12 | 74.00 | -26.88 | peak |
| 6 | p17895.000 | 15.15 | 43.90 | 52.45 | 43.31 | 49.91 | 74.00 | -24.09 | peak |

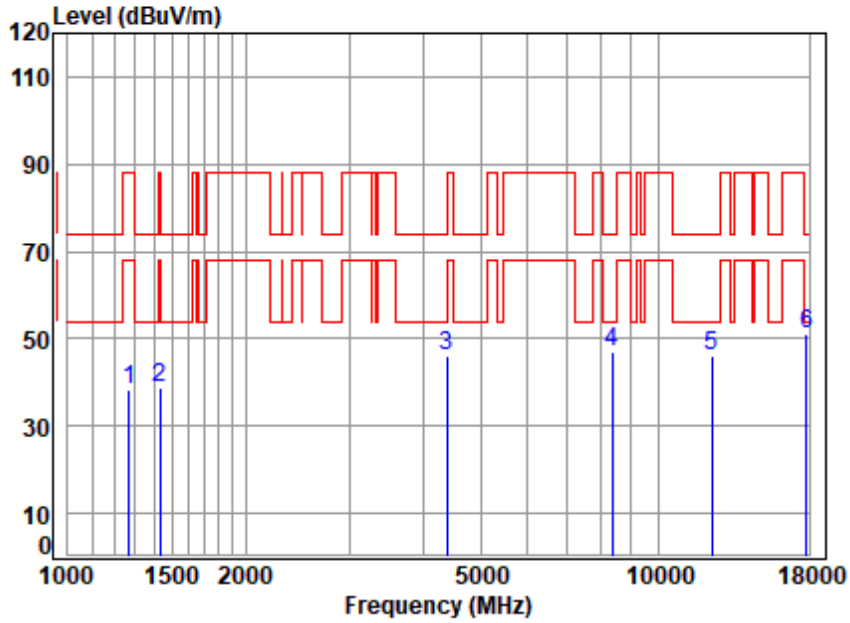
Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 5965 TX RSE
Note : WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1224.247 | 10.15 | 24.74 | 54.69 | 56.74 | 36.94 | 74.00 | -37.06 | peak |
| 2 | 1702.042 | 10.24 | 26.22 | 54.83 | 57.37 | 39.00 | 74.00 | -35.00 | peak |
| 3 | 4329.354 | 10.77 | 34.23 | 54.26 | 54.55 | 45.29 | 74.00 | -28.71 | peak |
| 4 | 7519.349 | 10.87 | 36.10 | 53.15 | 52.91 | 46.73 | 74.00 | -27.27 | peak |
| 5 | 11930.000 | 12.66 | 37.73 | 53.19 | 50.88 | 48.08 | 74.00 | -25.92 | peak |
| 6 | p17895.000 | 15.15 | 43.90 | 52.45 | 42.56 | 49.16 | 74.00 | -24.84 | peak |

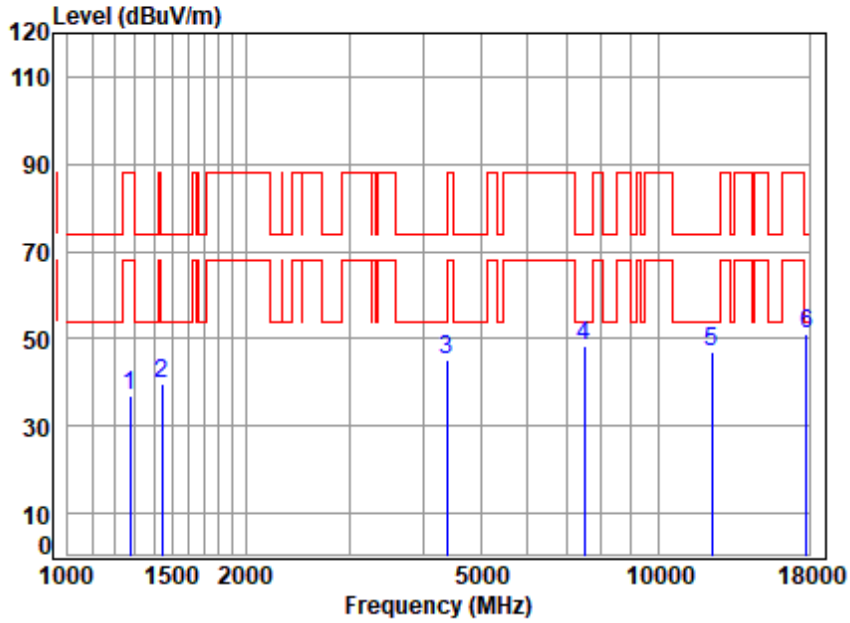
Test Mode: 08; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:middle




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6165 TX RSE
Note : WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1271.123 | 10.16 | 24.97 | 54.70 | 58.09 | 38.52 | 88.20 | -49.68 | peak |
| 2 | 1435.189 | 10.19 | 25.16 | 54.76 | 58.11 | 38.70 | 74.00 | -35.30 | peak |
| 3 | 4392.376 | 10.78 | 34.74 | 54.26 | 54.76 | 46.02 | 74.00 | -27.98 | peak |
| 4 | 8343.918 | 10.02 | 36.70 | 53.28 | 53.69 | 47.13 | 74.00 | -26.87 | peak |
| 5 | 12330.000 | 12.53 | 37.90 | 53.20 | 48.98 | 46.21 | 74.00 | -27.79 | peak |
| 6 | p17844.590 | 15.17 | 43.90 | 52.48 | 44.29 | 50.88 | 74.00 | -23.12 | peak |

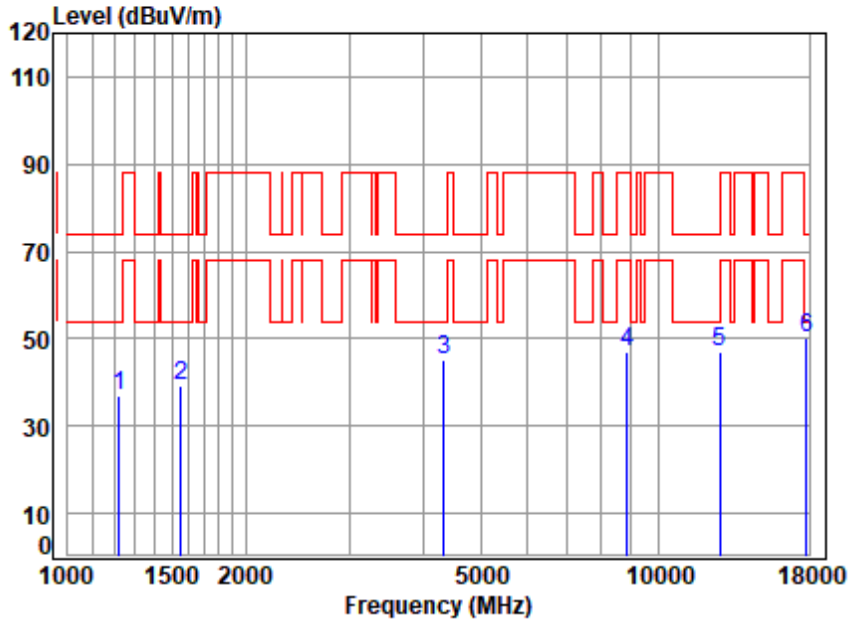
Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:middle




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6165 TX RSE
Note : WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1274.802 | 10.16 | 24.95 | 54.71 | 56.69 | 37.09 | 88.20 | -51.11 | peak |
| 2 | 1443.509 | 10.19 | 25.30 | 54.76 | 58.90 | 39.63 | 74.00 | -34.37 | peak |
| 3 | 4379.699 | 10.78 | 34.64 | 54.26 | 54.19 | 45.35 | 74.00 | -28.65 | peak |
| 4 | 7497.646 | 10.90 | 36.10 | 53.15 | 54.44 | 48.29 | 74.00 | -25.71 | peak |
| 5 | 12330.000 | 12.53 | 37.90 | 53.20 | 49.66 | 46.89 | 74.00 | -27.11 | peak |
| 6 | p17844.590 | 15.17 | 43.90 | 52.48 | 44.49 | 51.08 | 74.00 | -22.92 | peak |

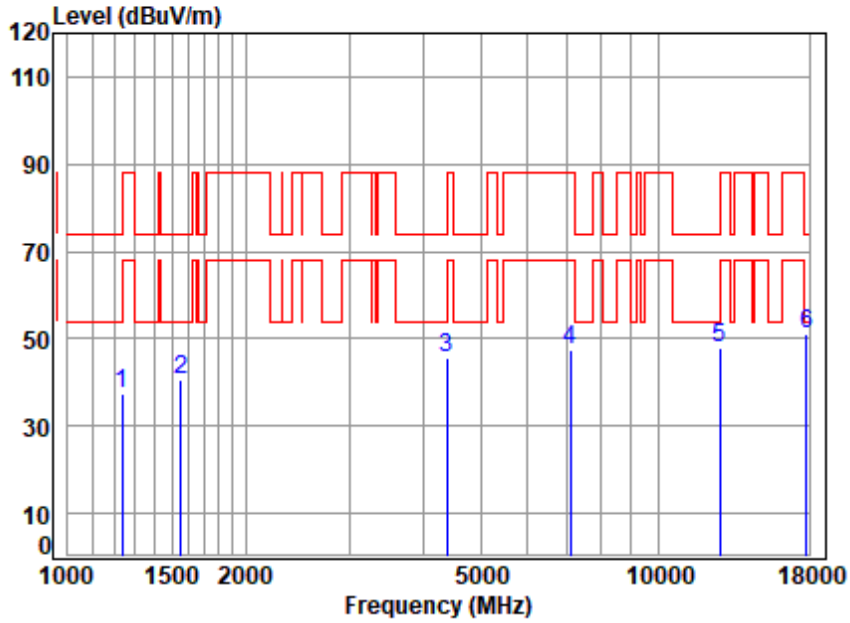
Test Mode: 08; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6365 TX RSE
Note : WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1220.714 | 10.15 | 24.69 | 54.69 | 57.00 | 37.15 | 74.00 | -36.85 | peak |
| 2 | 1551.677 | 10.21 | 26.99 | 54.79 | 56.76 | 39.17 | 74.00 | -34.83 | peak |
| 3 | 4329.354 | 10.77 | 34.23 | 54.26 | 54.38 | 45.12 | 74.00 | -28.88 | peak |
| 4 | 8866.062 | 10.53 | 37.20 | 53.54 | 52.77 | 46.96 | 88.20 | -41.24 | peak |
| 5 | 12730.000 | 12.48 | 38.10 | 53.20 | 49.41 | 46.79 | 88.20 | -41.41 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 43.62 | 50.20 | 74.00 | -23.80 | peak |

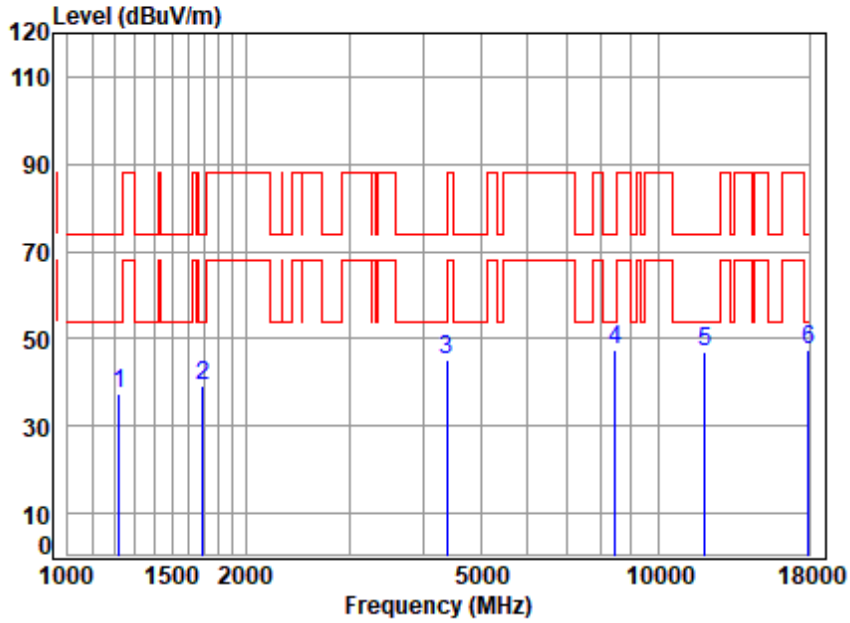
Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6365 TX RSE
Note : WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1238.483 | 10.15 | 24.94 | 54.69 | 57.13 | 37.53 | 74.00 | -36.47 | peak |
| 2 | 1551.677 | 10.21 | 26.99 | 54.79 | 58.13 | 40.54 | 74.00 | -33.46 | peak |
| 3 | 4392.376 | 10.78 | 34.74 | 54.26 | 54.32 | 45.58 | 74.00 | -28.42 | peak |
| 4 | 7096.999 | 10.90 | 35.79 | 53.19 | 53.82 | 47.32 | 88.20 | -40.88 | peak |
| 5 | 12730.000 | 12.48 | 38.10 | 53.20 | 50.36 | 47.74 | 88.20 | -40.46 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.74 | 51.32 | 74.00 | -22.68 | peak |

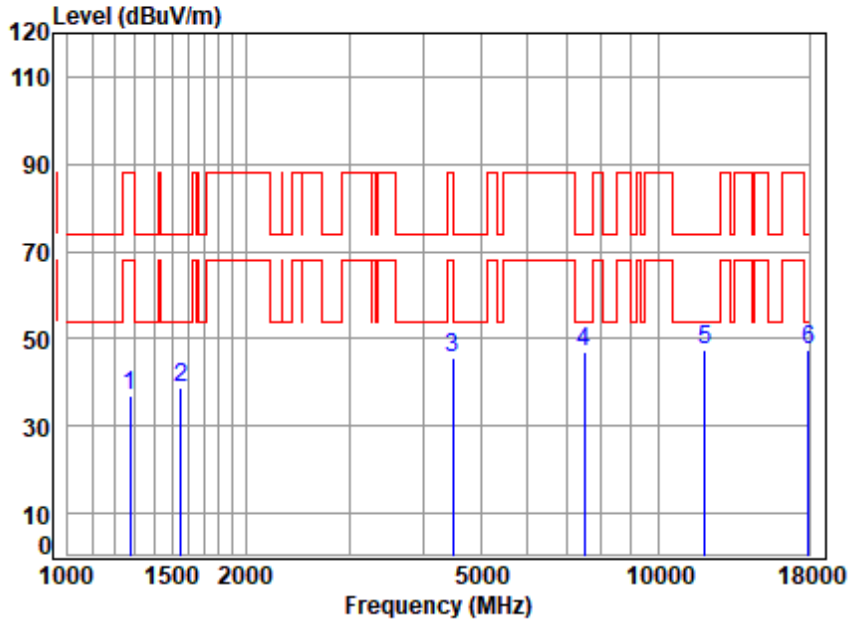
Test Mode: 08; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 5985 TX RSE
Note : WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1224.247 | 10.15 | 24.74 | 54.69 | 57.14 | 37.34 | 74.00 | -36.66 | peak |
| 2 | 1692.231 | 10.24 | 26.22 | 54.83 | 57.44 | 39.07 | 74.00 | -34.93 | peak |
| 3 | 4392.376 | 10.78 | 34.74 | 54.26 | 54.08 | 45.34 | 74.00 | -28.66 | peak |
| 4 p | 8440.945 | 10.01 | 36.62 | 53.33 | 54.15 | 47.45 | 74.00 | -26.55 | peak |
| 5 | 11970.000 | 12.71 | 37.77 | 53.19 | 49.82 | 47.11 | 74.00 | -26.89 | peak |
| 6 | 17955.000 | 15.12 | 44.12 | 52.42 | 40.46 | 47.28 | 74.00 | -26.72 | peak |

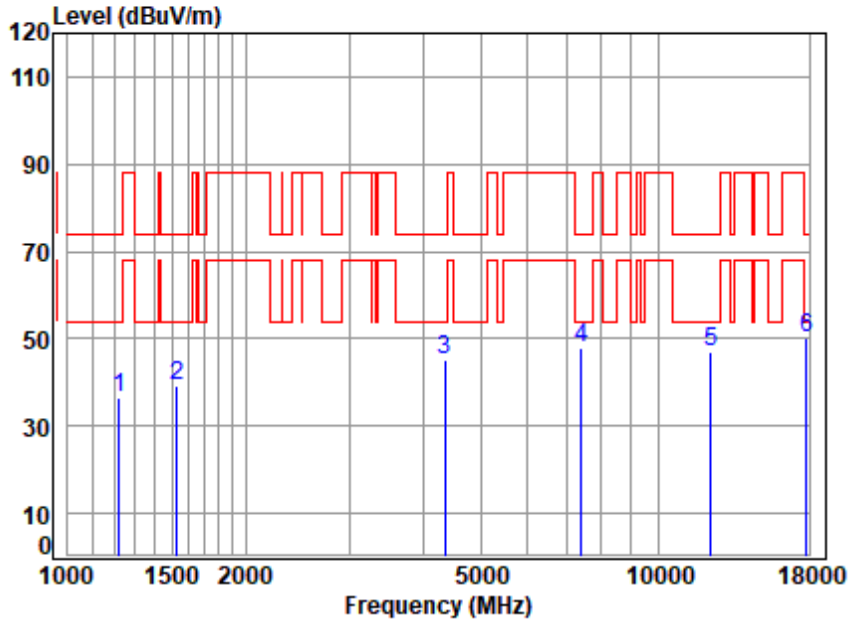
Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 5985 TX RSE
Note : WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1274.802 | 10.16 | 24.95 | 54.71 | 56.34 | 36.74 | 88.20 | -51.46 | peak |
| 2 | 1551.677 | 10.21 | 26.99 | 54.79 | 56.48 | 38.89 | 74.00 | -35.11 | peak |
| 3 | 4482.150 | 10.80 | 33.81 | 54.25 | 55.12 | 45.48 | 88.20 | -42.72 | peak |
| 4 | 7497.646 | 10.90 | 36.10 | 53.15 | 53.15 | 47.00 | 74.00 | -27.00 | peak |
| 5 | p11970.000 | 12.71 | 37.77 | 53.19 | 50.08 | 47.37 | 74.00 | -26.63 | peak |
| 6 | 17955.000 | 15.12 | 44.12 | 52.42 | 40.54 | 47.36 | 74.00 | -26.64 | peak |

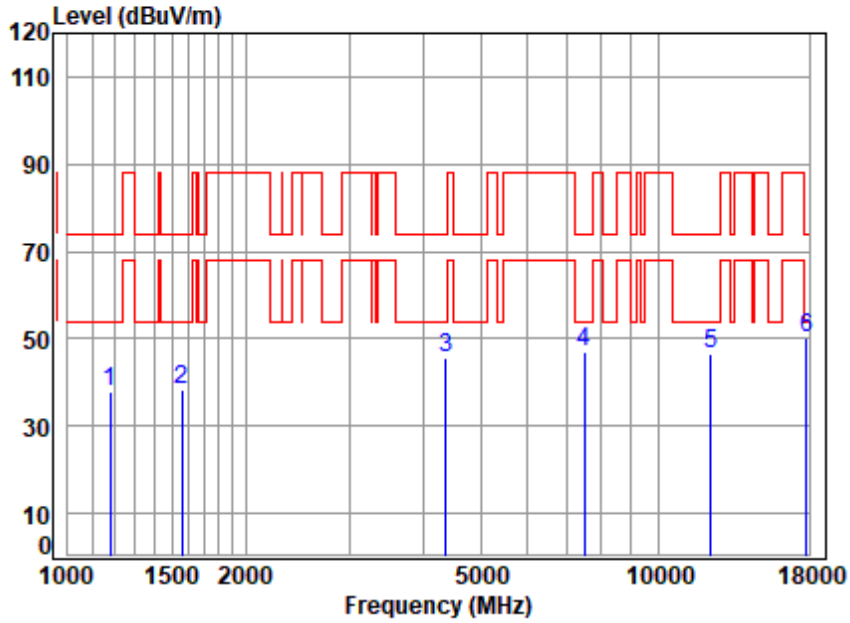
Test Mode: 08; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6145 TX RSE
Note : WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1220.714 | 10.15 | 24.69 | 54.69 | 56.29 | 36.44 | 74.00 | -37.56 | peak |
| 2 | 1529.414 | 10.21 | 26.92 | 54.78 | 56.75 | 39.10 | 74.00 | -34.90 | peak |
| 3 | 4354.454 | 10.77 | 34.44 | 54.26 | 54.31 | 45.26 | 74.00 | -28.74 | peak |
| 4 | 7411.461 | 10.90 | 35.85 | 53.16 | 54.22 | 47.81 | 74.00 | -26.19 | peak |
| 5 | 12290.000 | 12.56 | 37.90 | 53.20 | 49.64 | 46.90 | 74.00 | -27.10 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 43.67 | 50.25 | 74.00 | -23.75 | peak |

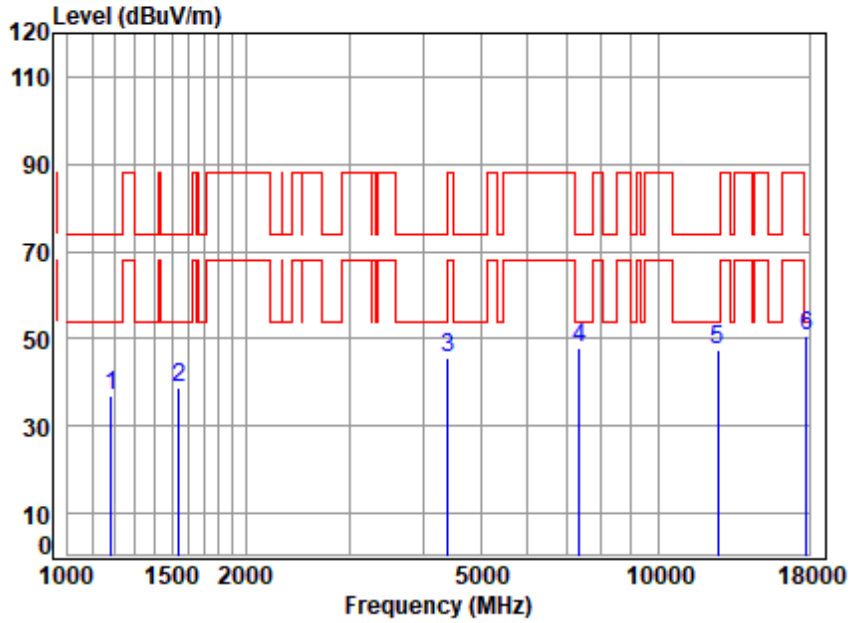
Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6145 TX RSE
Note : WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1179.100 | 10.14 | 24.19 | 54.67 | 58.33 | 37.99 | 74.00 | -36.01 | peak |
| 2 | 1560.673 | 10.21 | 26.96 | 54.79 | 56.16 | 38.54 | 74.00 | -35.46 | peak |
| 3 | 4367.058 | 10.77 | 34.54 | 54.26 | 54.71 | 45.76 | 74.00 | -28.24 | peak |
| 4 | 7497.646 | 10.90 | 36.10 | 53.15 | 53.20 | 47.05 | 74.00 | -26.95 | peak |
| 5 | 12290.000 | 12.56 | 37.90 | 53.20 | 49.21 | 46.47 | 74.00 | -27.53 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 43.70 | 50.28 | 74.00 | -23.72 | peak |

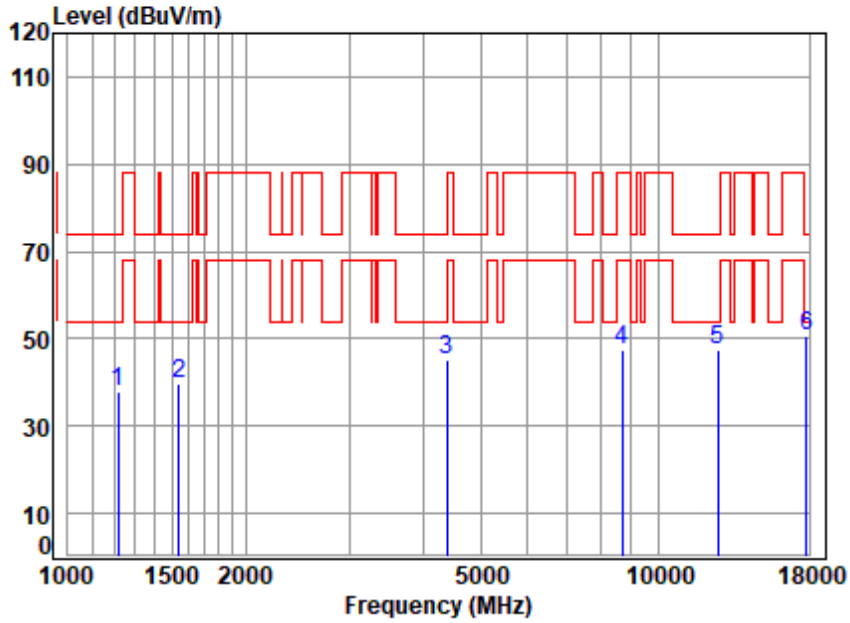
Test Mode: 08; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6305 TX RSE
Note : WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1182.513 | 10.14 | 24.23 | 54.67 | 57.28 | 36.98 | 74.00 | -37.02 | peak |
| 2 | 1542.733 | 10.21 | 26.97 | 54.79 | 56.61 | 39.00 | 74.00 | -35.00 | peak |
| 3 | 4405.090 | 10.78 | 34.74 | 54.26 | 54.32 | 45.58 | 88.20 | -42.62 | peak |
| 4 | 7347.474 | 10.90 | 35.70 | 53.16 | 54.28 | 47.72 | 74.00 | -26.28 | peak |
| 5 | 12610.000 | 12.45 | 37.92 | 53.20 | 50.27 | 47.44 | 74.00 | -26.56 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.25 | 50.83 | 74.00 | -23.17 | peak |

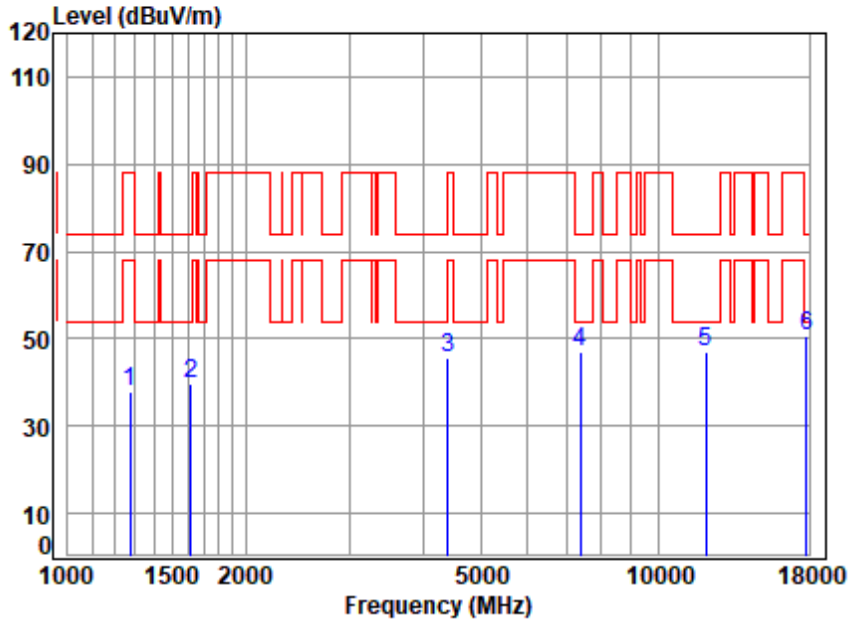
Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6305 TX RSE
Note : WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1217.190 | 10.15 | 24.64 | 54.69 | 57.87 | 37.97 | 74.00 | -36.03 | peak |
| 2 | 1542.733 | 10.21 | 26.97 | 54.79 | 57.09 | 39.48 | 74.00 | -34.52 | peak |
| 3 | 4379.699 | 10.78 | 34.64 | 54.26 | 53.88 | 45.04 | 74.00 | -28.96 | peak |
| 4 | 8688.480 | 10.28 | 36.90 | 53.45 | 53.90 | 47.63 | 88.20 | -40.57 | peak |
| 5 | 12610.000 | 12.45 | 37.92 | 53.20 | 50.34 | 47.51 | 74.00 | -26.49 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 43.88 | 50.46 | 74.00 | -23.54 | peak |

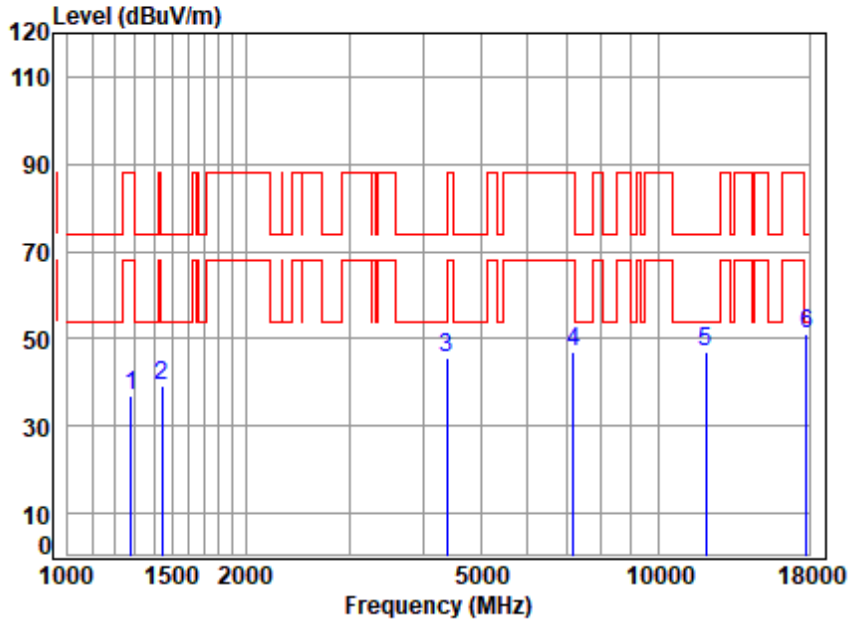
Test Mode: 08; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6025 TX RSE
Note : WIFI 11AX160

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1274.802 | 10.16 | 24.95 | 54.71 | 57.27 | 37.67 | 88.20 | -50.53 | peak |
| 2 | 1615.754 | 10.23 | 26.64 | 54.81 | 57.41 | 39.47 | 74.00 | -34.53 | peak |
| 3 | 4405.090 | 10.78 | 34.74 | 54.26 | 54.50 | 45.76 | 88.20 | -42.44 | peak |
| 4 | 7390.070 | 10.90 | 35.78 | 53.16 | 53.46 | 46.98 | 74.00 | -27.02 | peak |
| 5 | 12050.000 | 12.72 | 37.75 | 53.20 | 49.92 | 47.19 | 74.00 | -26.81 | peak |
| 6 | p17844.590 | 15.17 | 43.90 | 52.48 | 44.27 | 50.86 | 74.00 | -23.14 | peak |

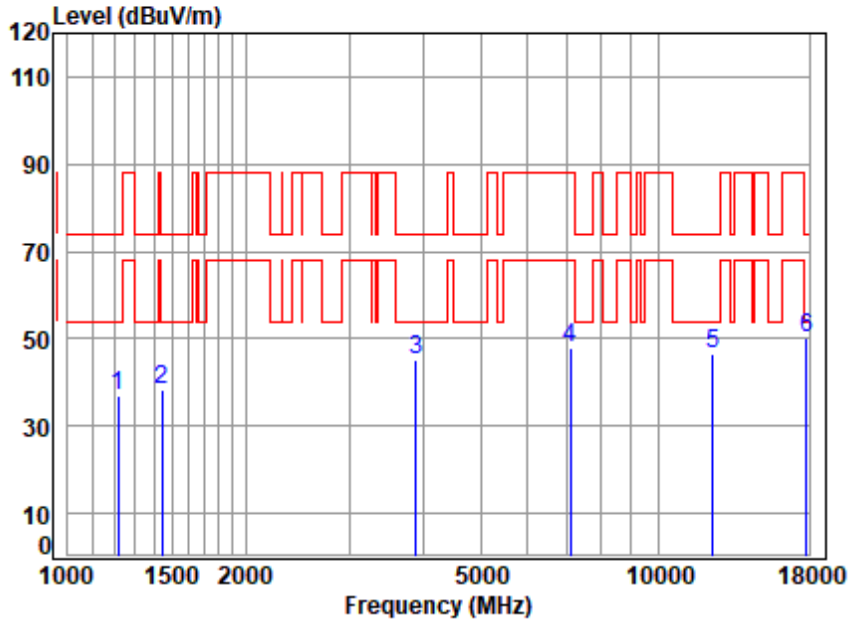
Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6025 TX RSE
Note : WIFI 11AX160

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1278.492 | 10.16 | 24.93 | 54.71 | 56.70 | 37.08 | 88.20 | -51.12 | peak |
| 2 | 1443.509 | 10.19 | 25.30 | 54.76 | 58.55 | 39.28 | 74.00 | -34.72 | peak |
| 3 | 4392.376 | 10.78 | 34.74 | 54.26 | 54.16 | 45.42 | 74.00 | -28.58 | peak |
| 4 | 7179.527 | 10.90 | 35.74 | 53.18 | 53.66 | 47.12 | 88.20 | -41.08 | peak |
| 5 | 12050.000 | 12.72 | 37.75 | 53.20 | 49.84 | 47.11 | 74.00 | -26.89 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.35 | 50.93 | 74.00 | -23.07 | peak |

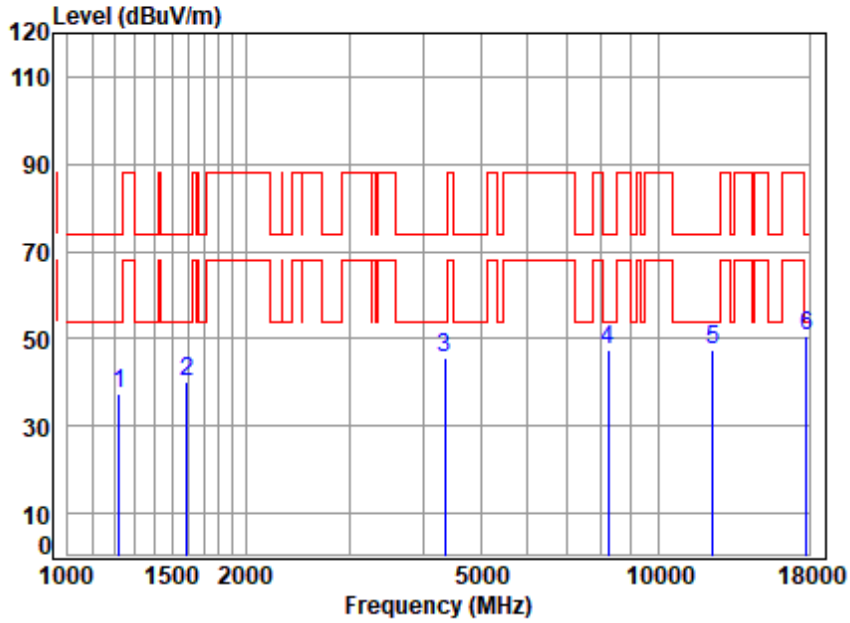
Test Mode: 08; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6185 TX RSE
Note : WIFI 11AX160

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1217.190 | 10.15 | 24.64 | 54.69 | 56.92 | 37.02 | 74.00 | -36.98 | peak |
| 2 | 1443.509 | 10.19 | 25.30 | 54.76 | 57.66 | 38.39 | 74.00 | -35.61 | peak |
| 3 | 3890.255 | 10.68 | 33.66 | 54.37 | 55.29 | 45.26 | 74.00 | -28.74 | peak |
| 4 | 7096.999 | 10.90 | 35.79 | 53.19 | 54.29 | 47.79 | 88.20 | -40.41 | peak |
| 5 | 12370.000 | 12.50 | 37.90 | 53.20 | 49.41 | 46.61 | 74.00 | -27.39 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 43.60 | 50.18 | 74.00 | -23.82 | peak |

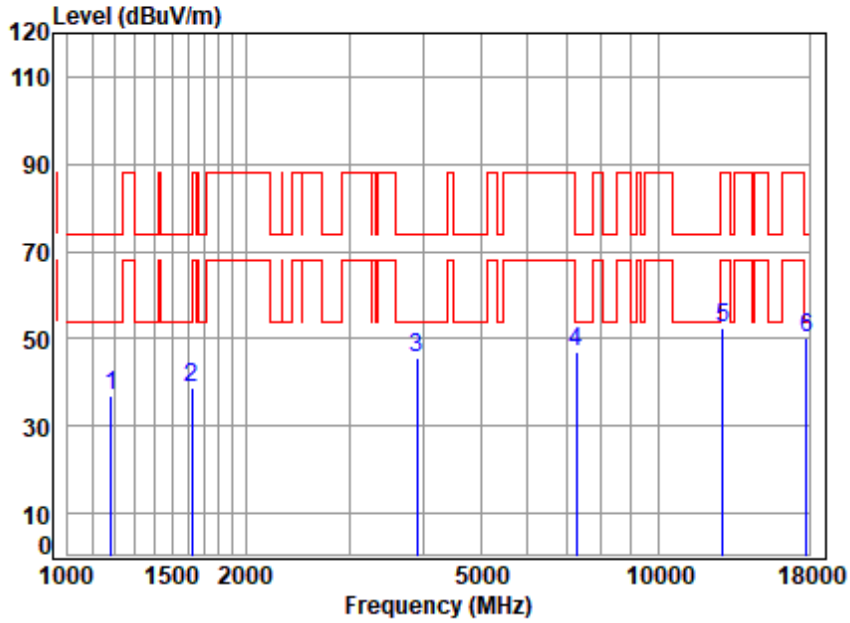
Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6185 TX RSE
Note : WIFI 11AX160

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1224.247 | 10.15 | 24.74 | 54.69 | 57.15 | 37.35 | 74.00 | -36.65 | peak |
| 2 | 1592.571 | 10.22 | 26.83 | 54.80 | 57.82 | 40.07 | 74.00 | -33.93 | peak |
| 3 | 4354.454 | 10.77 | 34.44 | 54.26 | 54.86 | 45.81 | 74.00 | -28.19 | peak |
| 4 | 8224.200 | 10.02 | 36.65 | 53.22 | 53.92 | 47.37 | 74.00 | -26.63 | peak |
| 5 | 12370.000 | 12.50 | 37.90 | 53.20 | 50.31 | 47.51 | 74.00 | -26.49 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 43.87 | 50.45 | 74.00 | -23.55 | peak |

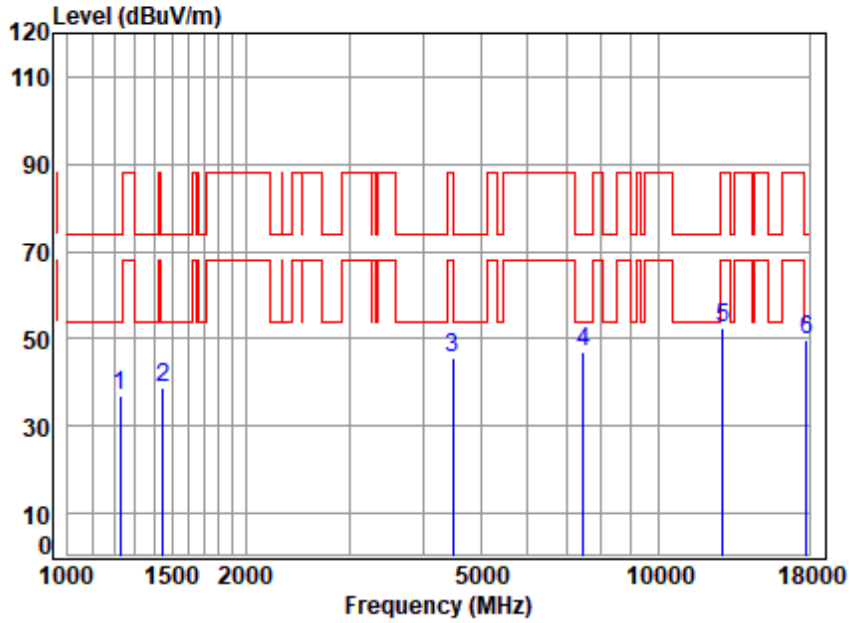
Test Mode: 09; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6435 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1185.936 | 10.14 | 24.26 | 54.67 | 57.45 | 37.18 | 74.00 | -36.82 | peak |
| 2 | 1620.431 | 10.23 | 26.60 | 54.81 | 56.64 | 38.66 | 74.00 | -35.34 | peak |
| 3 | 3901.516 | 10.68 | 33.79 | 54.36 | 55.46 | 45.57 | 74.00 | -28.43 | peak |
| 4 | 7263.015 | 10.90 | 35.70 | 53.17 | 53.70 | 47.13 | 74.00 | -26.87 | peak |
| 5 | 12870.000 | 12.51 | 38.17 | 53.20 | 55.14 | 52.62 | 88.20 | -35.58 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 43.38 | 49.96 | 74.00 | -24.04 | peak |

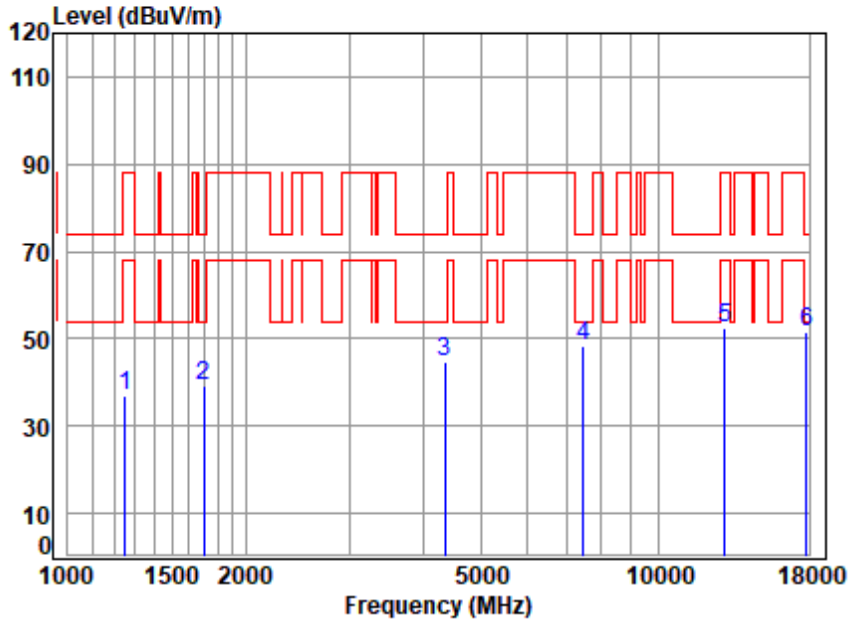
Test Mode: 09; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6435 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1227.791 | 10.15 | 24.79 | 54.69 | 56.75 | 37.00 | 74.00 | -37.00 | peak |
| 2 | 1451.878 | 10.19 | 25.45 | 54.76 | 57.82 | 38.70 | 74.00 | -35.30 | peak |
| 3 | 4495.125 | 10.80 | 33.66 | 54.25 | 55.32 | 45.53 | 88.20 | -42.67 | peak |
| 4 | 7476.006 | 10.90 | 36.05 | 53.15 | 53.18 | 46.98 | 74.00 | -27.02 | peak |
| 5 | 12870.000 | 12.51 | 38.17 | 53.20 | 55.01 | 52.49 | 88.20 | -35.71 | peak |
| 6 | p17844.590 | 15.17 | 43.90 | 52.48 | 43.11 | 49.70 | 74.00 | -24.30 | peak |

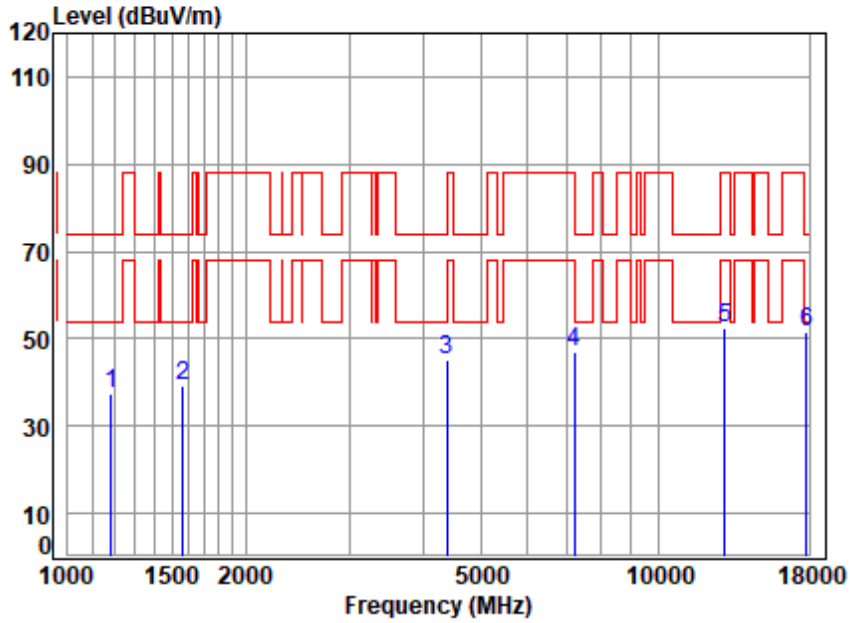
Test Mode: 09; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6475 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1252.885 | 10.16 | 25.08 | 54.70 | 56.48 | 37.02 | 88.20 | -51.18 | peak |
| 2 | 1697.129 | 10.24 | 26.21 | 54.83 | 57.40 | 39.02 | 74.00 | -34.98 | peak |
| 3 | 4354.454 | 10.77 | 34.44 | 54.26 | 53.98 | 44.93 | 74.00 | -29.07 | peak |
| 4 | 7476.006 | 10.90 | 36.05 | 53.15 | 54.52 | 48.32 | 74.00 | -25.68 | peak |
| 5 | 12950.000 | 12.53 | 38.15 | 53.20 | 55.19 | 52.67 | 88.20 | -35.53 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.97 | 51.55 | 74.00 | -22.45 | peak |

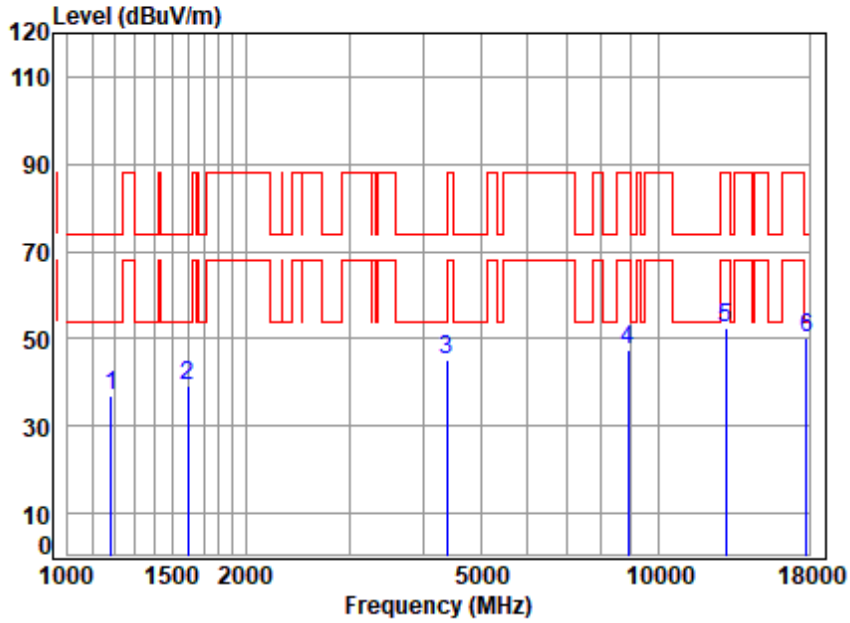
Test Mode: 09; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6475 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1185.936 | 10.14 | 24.26 | 54.67 | 57.82 | 37.55 | 74.00 | -36.45 | peak |
| 2 | 1569.721 | 10.22 | 26.92 | 54.80 | 56.97 | 39.31 | 74.00 | -34.69 | peak |
| 3 | 4392.376 | 10.78 | 34.74 | 54.26 | 53.76 | 45.02 | 74.00 | -28.98 | peak |
| 4 | 7200.309 | 10.90 | 35.70 | 53.18 | 53.66 | 47.08 | 88.20 | -41.12 | peak |
| 5 | 12950.000 | 12.53 | 38.15 | 53.20 | 54.88 | 52.36 | 88.20 | -35.84 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.77 | 51.35 | 74.00 | -22.65 | peak |

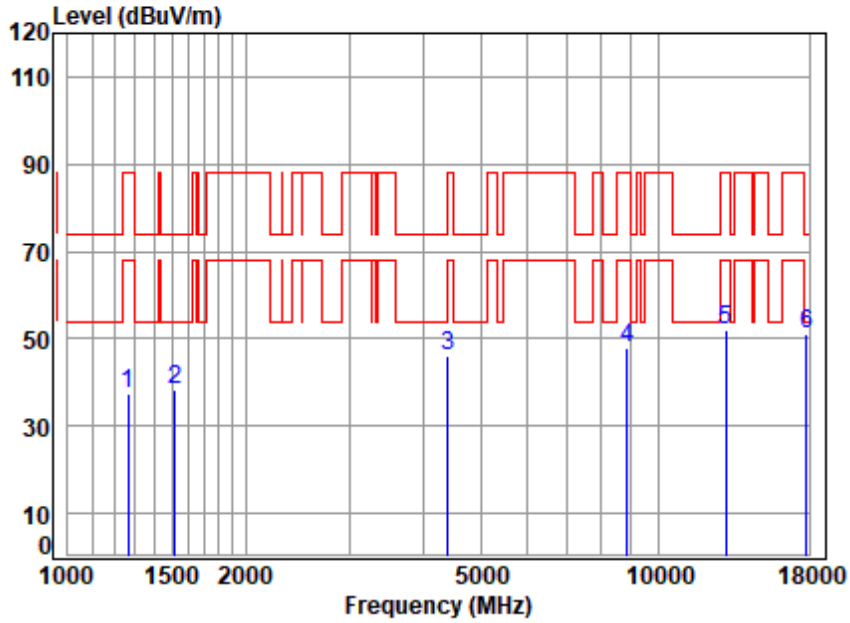
Test Mode: 09; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6495 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1182.513 | 10.14 | 24.23 | 54.67 | 57.41 | 37.11 | 74.00 | -36.89 | peak |
| 2 | 1597.181 | 10.22 | 26.81 | 54.80 | 56.88 | 39.11 | 74.00 | -34.89 | peak |
| 3 | 4392.376 | 10.78 | 34.74 | 54.26 | 53.83 | 45.09 | 74.00 | -28.91 | peak |
| 4 | 8891.725 | 10.56 | 37.20 | 53.55 | 53.23 | 47.44 | 88.20 | -40.76 | peak |
| 5 | 12990.000 | 12.54 | 38.11 | 53.20 | 55.12 | 52.57 | 88.20 | -35.63 | peak |
| 6 | p17844.590 | 15.17 | 43.90 | 52.48 | 43.80 | 50.39 | 74.00 | -23.61 | peak |

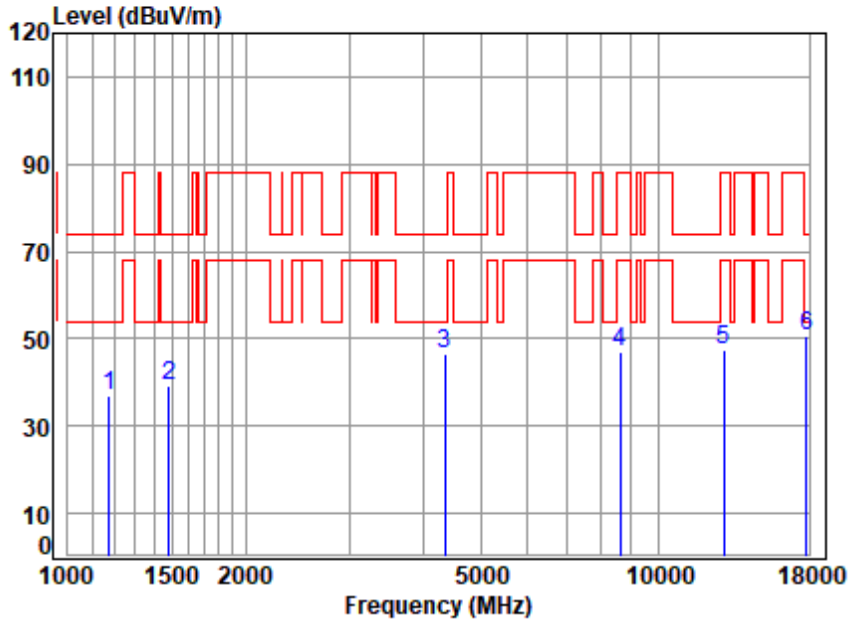
Test Mode: 09; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6495 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1267.454 | 10.16 | 25.00 | 54.70 | 56.86 | 37.32 | 88.20 | -50.88 | peak |
| 2 | 1520.598 | 10.20 | 26.88 | 54.78 | 55.99 | 38.29 | 74.00 | -35.71 | peak |
| 3 | 4405.090 | 10.78 | 34.74 | 54.26 | 54.68 | 45.94 | 88.20 | -42.26 | peak |
| 4 | 8866.062 | 10.53 | 37.20 | 53.54 | 53.52 | 47.71 | 88.20 | -40.49 | peak |
| 5 | 12990.000 | 12.54 | 38.11 | 53.20 | 54.53 | 51.98 | 88.20 | -36.22 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.44 | 51.02 | 74.00 | -22.98 | peak |

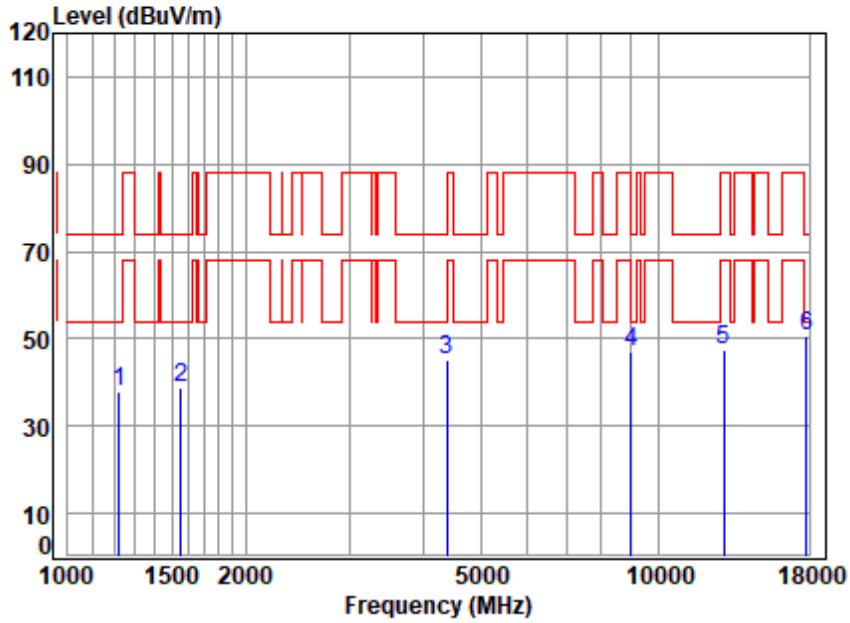
Test Mode: 09; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6445 TX RSE
Note : WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1175.697 | 10.14 | 24.16 | 54.67 | 57.44 | 37.07 | 74.00 | -36.93 | peak |
| 2 | 1485.841 | 10.20 | 26.40 | 54.77 | 57.47 | 39.30 | 74.00 | -34.70 | peak |
| 3 | 4354.454 | 10.77 | 34.44 | 54.26 | 55.76 | 46.71 | 74.00 | -27.29 | peak |
| 4 | 8613.468 | 10.17 | 36.90 | 53.41 | 53.39 | 47.05 | 88.20 | -41.15 | peak |
| 5 | 12890.000 | 12.51 | 38.19 | 53.20 | 49.86 | 47.36 | 88.20 | -40.84 | peak |
| 6 | p17844.590 | 15.17 | 43.90 | 52.48 | 44.13 | 50.72 | 74.00 | -23.28 | peak |

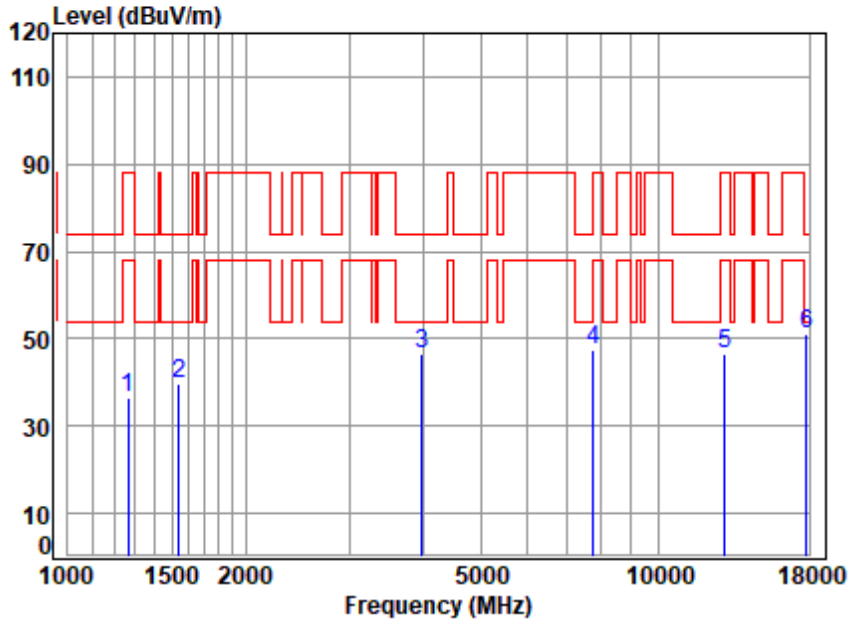
Test Mode: 09; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6445 TX RSE
Note : WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1220.714 | 10.15 | 24.69 | 54.69 | 57.51 | 37.66 | 74.00 | -36.34 | peak |
| 2 | 1556.169 | 10.21 | 26.98 | 54.79 | 56.28 | 38.68 | 74.00 | -35.32 | peak |
| 3 | 4392.376 | 10.78 | 34.74 | 54.26 | 54.10 | 45.36 | 74.00 | -28.64 | peak |
| 4 | 8995.123 | 10.70 | 36.91 | 53.60 | 52.91 | 46.92 | 88.20 | -41.28 | peak |
| 5 | 12890.000 | 12.51 | 38.19 | 53.20 | 49.84 | 47.34 | 88.20 | -40.86 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.25 | 50.83 | 74.00 | -23.17 | peak |

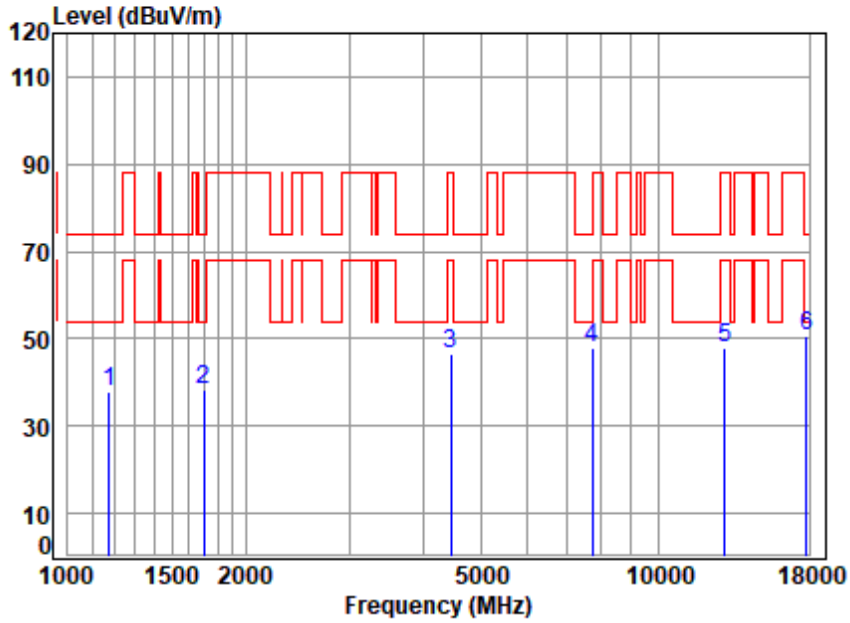
Test Mode: 09; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6485 TX RSE
Note : WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1263.796 | 10.16 | 25.02 | 54.70 | 55.80 | 36.28 | 88.20 | -51.92 | peak |
| 2 | 1542.733 | 10.21 | 26.97 | 54.79 | 57.47 | 39.86 | 74.00 | -34.14 | peak |
| 3 | 3981.257 | 10.70 | 33.19 | 54.31 | 57.11 | 46.69 | 74.00 | -27.31 | peak |
| 4 | 7762.260 | 10.44 | 36.25 | 53.12 | 54.01 | 47.58 | 88.20 | -40.62 | peak |
| 5 | 12970.000 | 12.53 | 38.13 | 53.20 | 48.90 | 46.36 | 88.20 | -41.84 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.50 | 51.08 | 74.00 | -22.92 | peak |

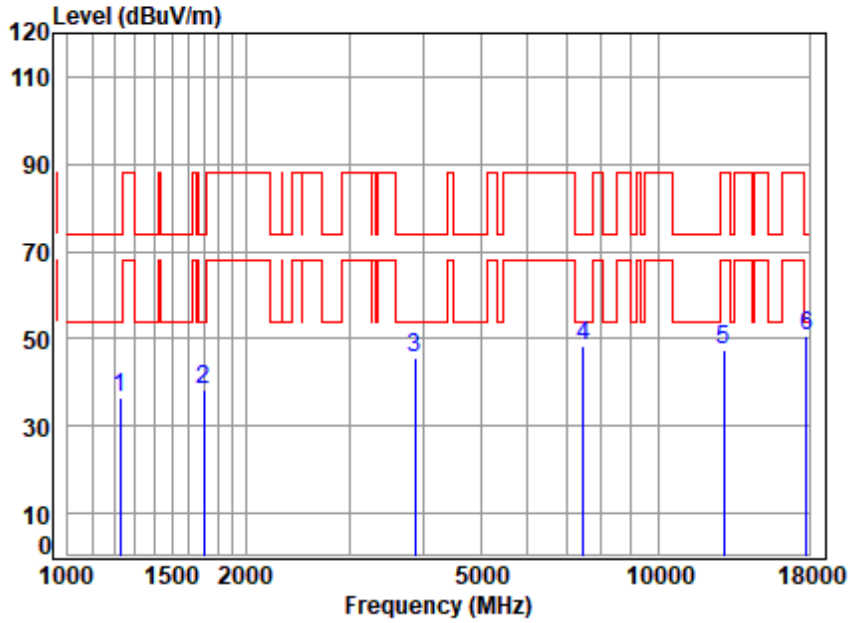
Test Mode: 09; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6485 TX RSE
Note : WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1175.697 | 10.14 | 24.16 | 54.67 | 58.11 | 37.74 | 74.00 | -36.26 | peak |
| 2 | 1697.129 | 10.24 | 26.21 | 54.83 | 56.68 | 38.30 | 74.00 | -35.70 | peak |
| 3 | 4456.315 | 10.79 | 34.12 | 54.25 | 55.67 | 46.33 | 88.20 | -41.87 | peak |
| 4 | 7717.518 | 10.51 | 36.14 | 53.13 | 54.23 | 47.75 | 74.00 | -26.25 | peak |
| 5 | 12970.000 | 12.53 | 38.13 | 53.20 | 50.48 | 47.94 | 88.20 | -40.26 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.20 | 50.78 | 74.00 | -23.22 | peak |

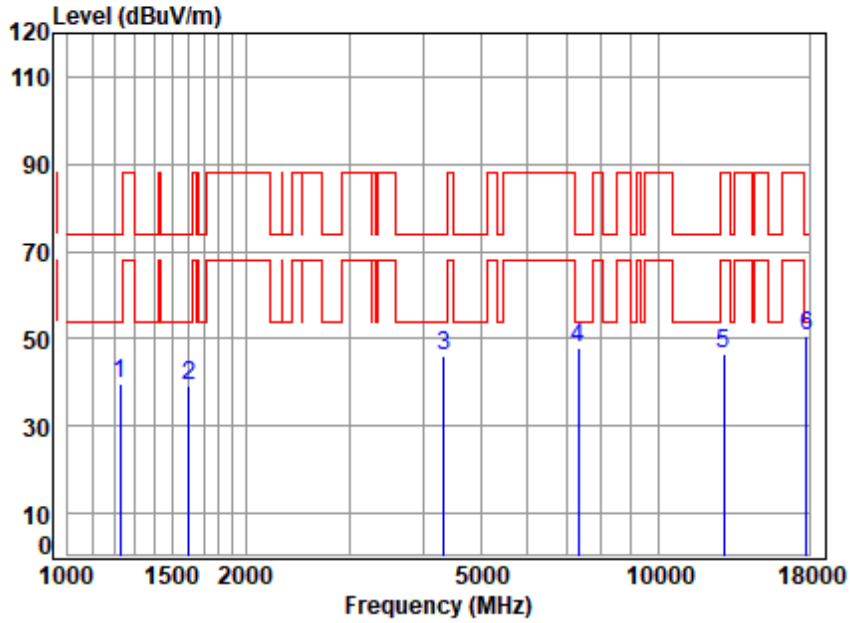
Test Mode: 09; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6465 TX RSE
Note : WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1227.791 | 10.15 | 24.79 | 54.69 | 56.46 | 36.71 | 74.00 | -37.29 | peak |
| 2 | 1702.042 | 10.24 | 26.22 | 54.83 | 56.84 | 38.47 | 74.00 | -35.53 | peak |
| 3 | 3879.027 | 10.68 | 33.51 | 54.37 | 55.66 | 45.48 | 74.00 | -28.52 | peak |
| 4 | 7476.006 | 10.90 | 36.05 | 53.15 | 54.59 | 48.39 | 74.00 | -25.61 | peak |
| 5 | 12930.000 | 12.52 | 38.17 | 53.20 | 50.03 | 47.52 | 88.20 | -40.68 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.26 | 50.84 | 74.00 | -23.16 | peak |

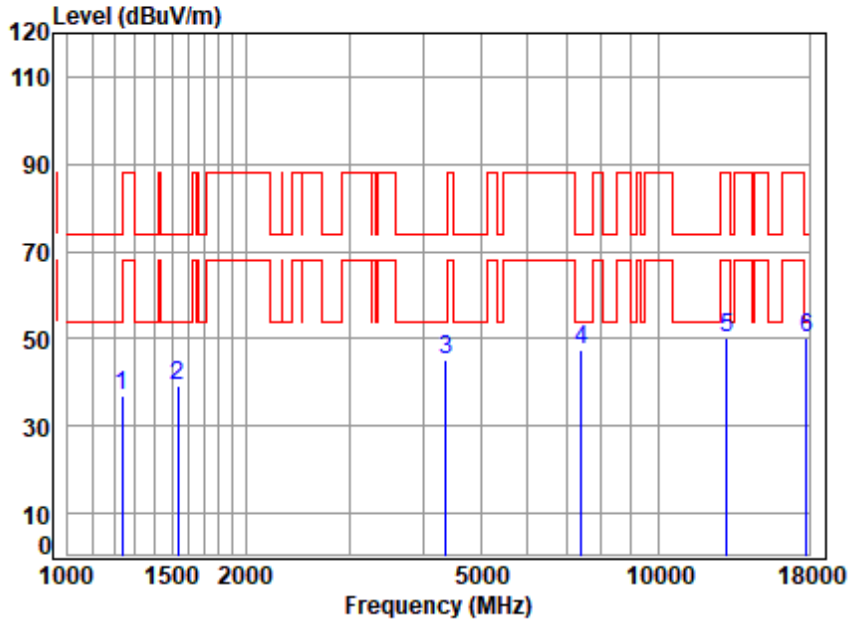
Test Mode: 09; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6465 TX RSE
Note : WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1227.791 | 10.15 | 24.79 | 54.69 | 59.26 | 39.51 | 74.00 | -34.49 | peak |
| 2 | 1606.441 | 10.22 | 26.74 | 54.81 | 57.24 | 39.39 | 74.00 | -34.61 | peak |
| 3 | 4329.354 | 10.77 | 34.23 | 54.26 | 55.20 | 45.94 | 74.00 | -28.06 | peak |
| 4 | 7326.267 | 10.90 | 35.70 | 53.17 | 54.41 | 47.84 | 74.00 | -26.16 | peak |
| 5 | 12930.000 | 12.52 | 38.17 | 53.20 | 48.92 | 46.41 | 88.20 | -41.79 | peak |
| 6 | p17844.590 | 15.17 | 43.90 | 52.48 | 43.88 | 50.47 | 74.00 | -23.53 | peak |

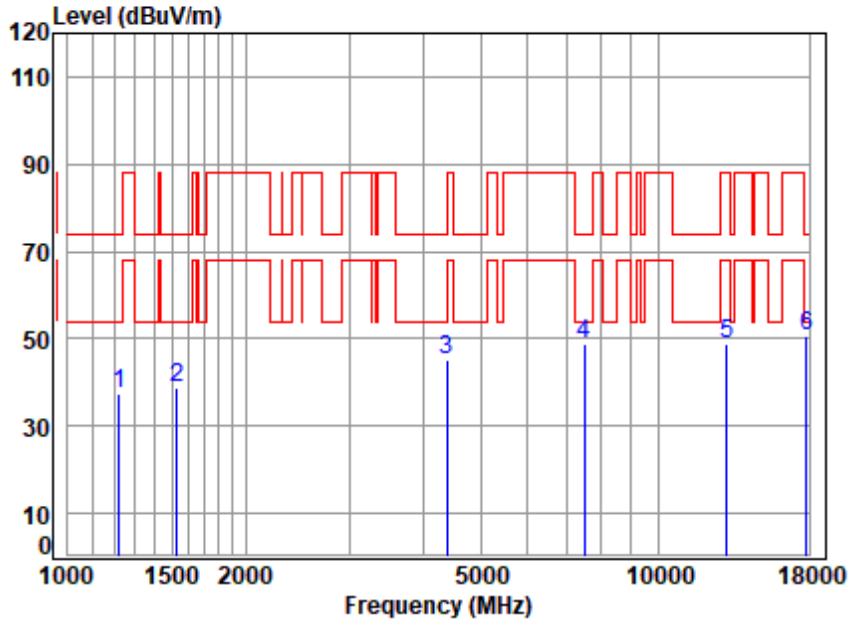
Test Mode: 10; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6535 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1234.909 | 10.15 | 24.89 | 54.69 | 56.44 | 36.79 | 74.00 | -37.21 | peak |
| 2 | 1538.281 | 10.21 | 26.95 | 54.79 | 57.06 | 39.43 | 74.00 | -34.57 | peak |
| 3 | 4367.058 | 10.77 | 34.54 | 54.26 | 54.32 | 45.37 | 74.00 | -28.63 | peak |
| 4 | 7411.461 | 10.90 | 35.85 | 53.16 | 53.97 | 47.56 | 74.00 | -26.44 | peak |
| 5 | 13070.000 | 12.66 | 38.31 | 53.18 | 52.32 | 50.11 | 88.20 | -38.09 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 43.79 | 50.37 | 74.00 | -23.63 | peak |

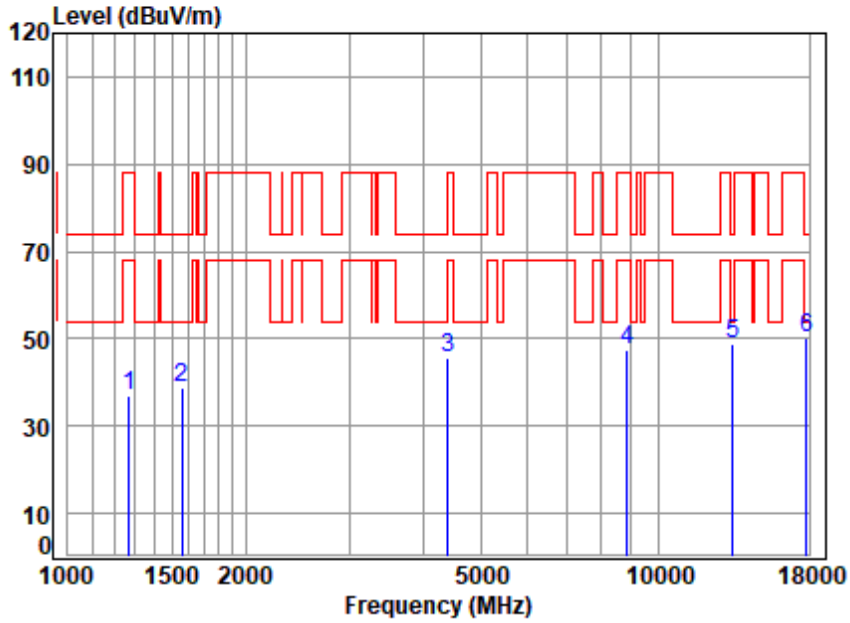
Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6535 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1224.247 | 10.15 | 24.74 | 54.69 | 57.13 | 37.33 | 74.00 | -36.67 | peak |
| 2 | 1529.414 | 10.21 | 26.92 | 54.78 | 56.49 | 38.84 | 74.00 | -35.16 | peak |
| 3 | 4392.376 | 10.78 | 34.74 | 54.26 | 54.02 | 45.28 | 74.00 | -28.72 | peak |
| 4 | 7497.646 | 10.90 | 36.10 | 53.15 | 55.00 | 48.85 | 74.00 | -25.15 | peak |
| 5 | 13070.000 | 12.66 | 38.31 | 53.18 | 50.90 | 48.69 | 88.20 | -39.51 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 43.99 | 50.57 | 74.00 | -23.43 | peak |

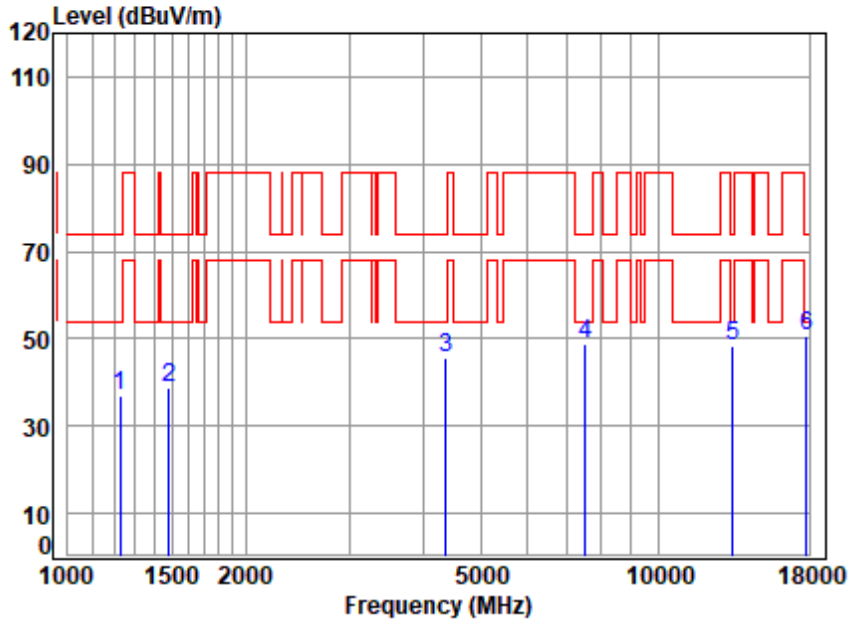
Test Mode: 10; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6695 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1271.123 | 10.16 | 24.97 | 54.70 | 56.45 | 36.88 | 88.20 | -51.32 | peak |
| 2 | 1560.673 | 10.21 | 26.96 | 54.79 | 56.18 | 38.56 | 74.00 | -35.44 | peak |
| 3 | 4405.090 | 10.78 | 34.74 | 54.26 | 54.23 | 45.49 | 88.20 | -42.71 | peak |
| 4 | 8866.062 | 10.53 | 37.20 | 53.54 | 53.26 | 47.45 | 88.20 | -40.75 | peak |
| 5 | 13390.000 | 13.18 | 38.78 | 53.08 | 49.90 | 48.78 | 74.00 | -25.22 | peak |
| 6 | p17844.590 | 15.17 | 43.90 | 52.48 | 43.78 | 50.37 | 74.00 | -23.63 | peak |

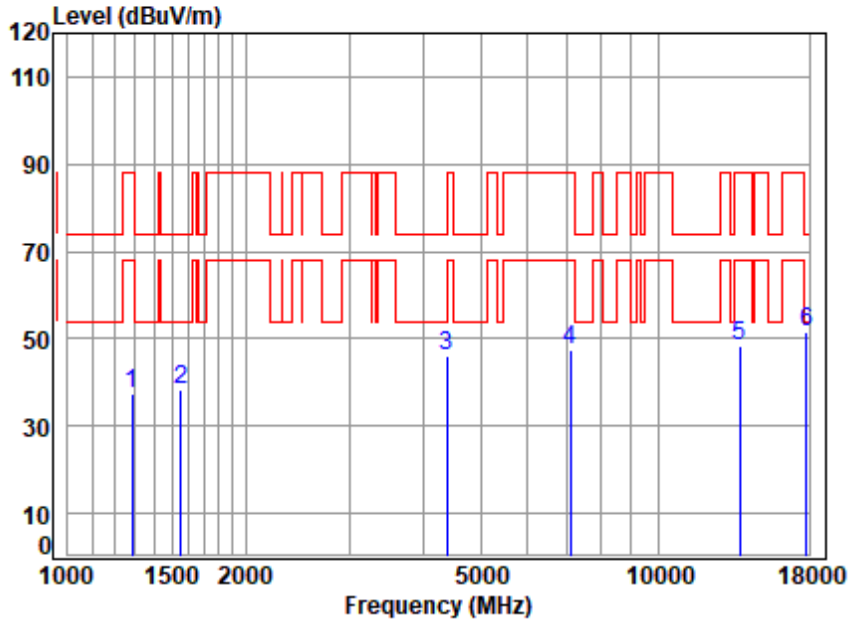
Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6695 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1227.791 | 10.15 | 24.79 | 54.69 | 56.79 | 37.04 | 74.00 | -36.96 | peak |
| 2 | 1481.553 | 10.20 | 26.28 | 54.77 | 57.30 | 39.01 | 74.00 | -34.99 | peak |
| 3 | 4367.058 | 10.77 | 34.54 | 54.26 | 54.69 | 45.74 | 74.00 | -28.26 | peak |
| 4 | 7519.349 | 10.87 | 36.10 | 53.15 | 55.03 | 48.85 | 74.00 | -25.15 | peak |
| 5 | 13390.000 | 13.18 | 38.78 | 53.08 | 49.68 | 48.56 | 74.00 | -25.44 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.12 | 50.70 | 74.00 | -23.30 | peak |

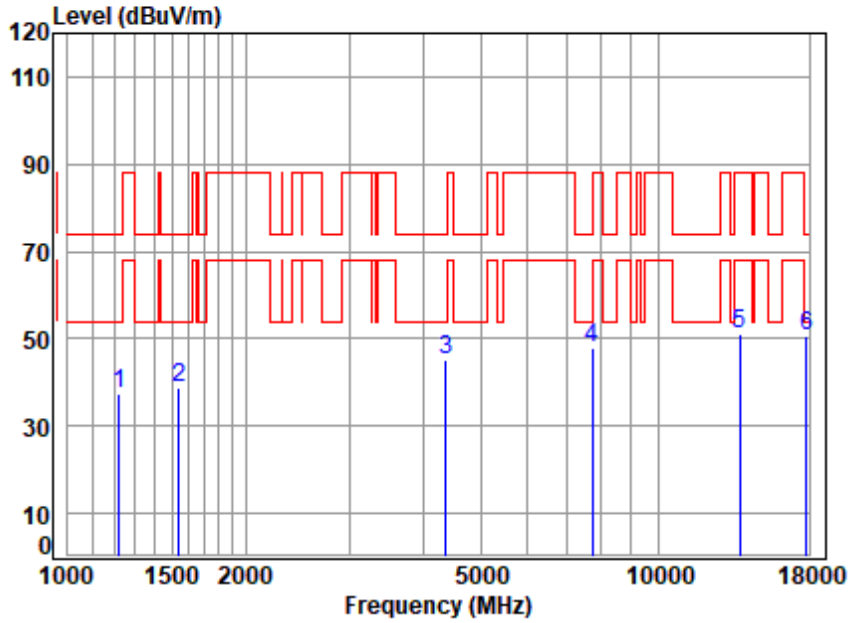
Test Mode: 10; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6855 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1285.904 | 10.16 | 24.88 | 54.71 | 57.30 | 37.63 | 88.20 | -50.57 | peak |
| 2 | 1556.169 | 10.21 | 26.98 | 54.79 | 56.03 | 38.43 | 74.00 | -35.57 | peak |
| 3 | 4392.376 | 10.78 | 34.74 | 54.26 | 54.63 | 45.89 | 74.00 | -28.11 | peak |
| 4 | 7096.999 | 10.90 | 35.79 | 53.19 | 54.02 | 47.52 | 88.20 | -40.68 | peak |
| 5 | 13710.000 | 13.44 | 39.12 | 52.98 | 48.91 | 48.49 | 88.20 | -39.71 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 45.16 | 51.74 | 74.00 | -22.26 | peak |

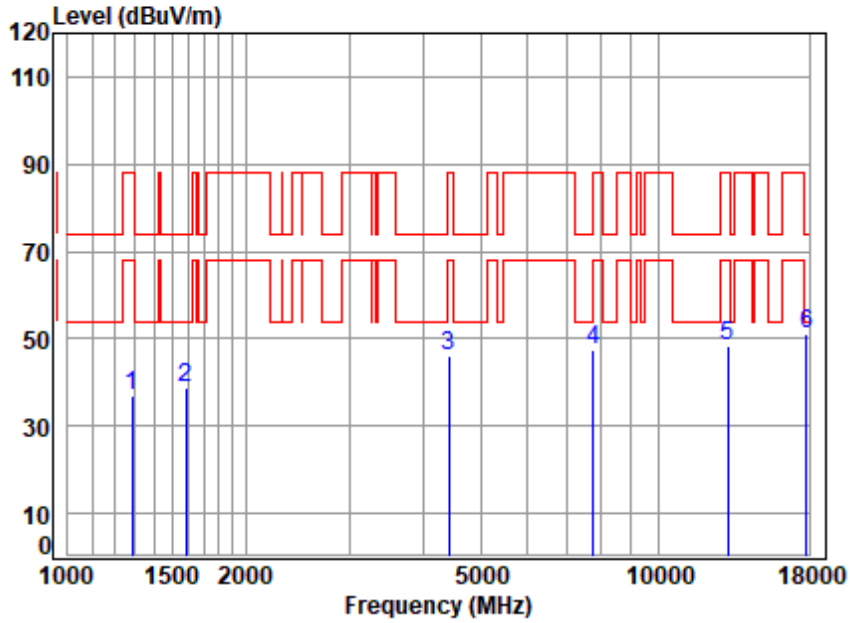
Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6855 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1224.247 | 10.15 | 24.74 | 54.69 | 57.21 | 37.41 | 74.00 | -36.59 | peak |
| 2 | 1542.733 | 10.21 | 26.97 | 54.79 | 56.33 | 38.72 | 74.00 | -35.28 | peak |
| 3 | 4367.058 | 10.77 | 34.54 | 54.26 | 54.29 | 45.34 | 74.00 | -28.66 | peak |
| 4 | 7739.857 | 10.48 | 36.18 | 53.12 | 54.31 | 47.85 | 74.00 | -26.15 | peak |
| 5 | 13710.000 | 13.44 | 39.12 | 52.98 | 51.54 | 51.12 | 88.20 | -37.08 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.27 | 50.85 | 74.00 | -23.15 | peak |

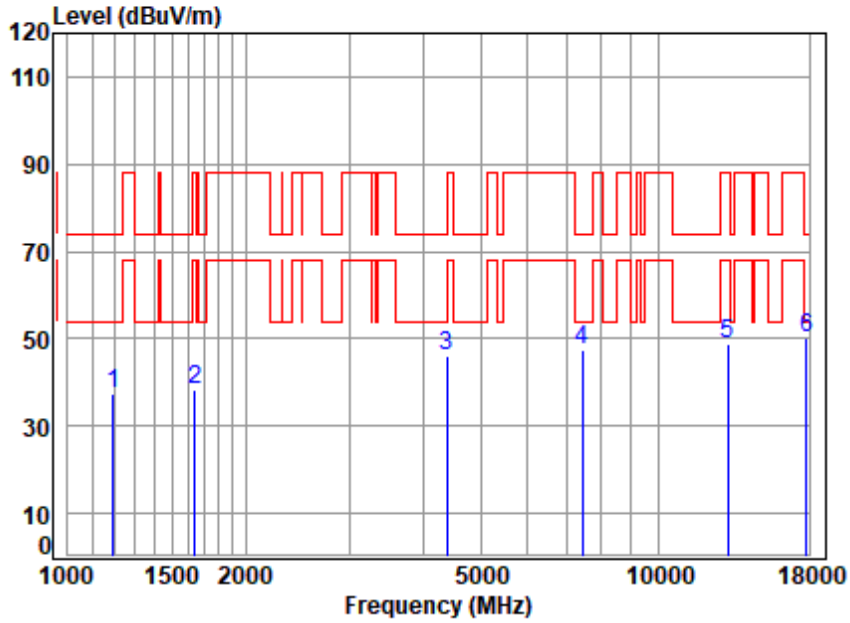
Test Mode: 10; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6565 TX RSE
Note : WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1285.904 | 10.16 | 24.88 | 54.71 | 56.48 | 36.81 | 88.20 | -51.39 | peak |
| 2 | 1587.975 | 10.22 | 26.85 | 54.80 | 56.48 | 38.75 | 74.00 | -35.25 | peak |
| 3 | 4417.841 | 10.78 | 34.59 | 54.26 | 55.20 | 46.31 | 88.20 | -41.89 | peak |
| 4 | 7762.260 | 10.44 | 36.25 | 53.12 | 53.76 | 47.33 | 88.20 | -40.87 | peak |
| 5 | 13130.000 | 12.76 | 38.46 | 53.16 | 50.30 | 48.36 | 88.20 | -39.84 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.54 | 51.12 | 74.00 | -22.88 | peak |

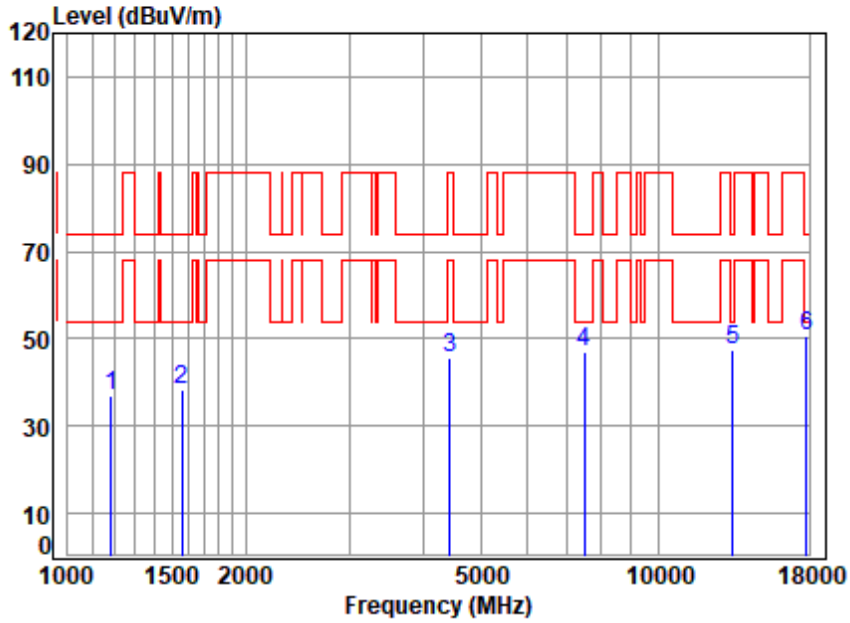
Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6565 TX RSE
Note : WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1192.811 | 10.14 | 24.33 | 54.68 | 57.81 | 37.60 | 74.00 | -36.40 | peak |
| 2 | 1644.019 | 10.23 | 26.36 | 54.82 | 56.76 | 38.53 | 88.20 | -49.67 | peak |
| 3 | 4379.699 | 10.78 | 34.64 | 54.26 | 54.72 | 45.88 | 74.00 | -28.12 | peak |
| 4 | 7432.914 | 10.90 | 35.93 | 53.16 | 53.70 | 47.37 | 74.00 | -26.63 | peak |
| 5 | 13130.000 | 12.76 | 38.46 | 53.16 | 50.67 | 48.73 | 88.20 | -39.47 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 43.79 | 50.37 | 74.00 | -23.63 | peak |

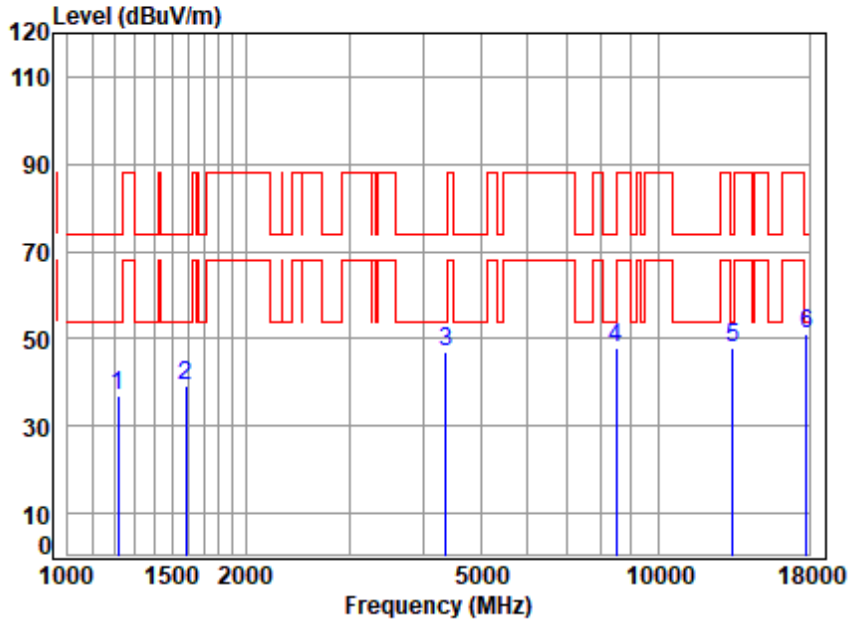
Test Mode: 10; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:middle




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6685 TX RSE
Note : WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1185.936 | 10.14 | 24.26 | 54.67 | 57.12 | 36.85 | 74.00 | -37.15 | peak |
| 2 | 1560.673 | 10.21 | 26.96 | 54.79 | 56.03 | 38.41 | 74.00 | -35.59 | peak |
| 3 | 4443.453 | 10.79 | 34.28 | 54.25 | 54.68 | 45.50 | 88.20 | -42.70 | peak |
| 4 | 7497.646 | 10.90 | 36.10 | 53.15 | 53.35 | 47.20 | 74.00 | -26.80 | peak |
| 5 | 13370.000 | 13.15 | 38.74 | 53.09 | 48.75 | 47.55 | 74.00 | -26.45 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.08 | 50.66 | 74.00 | -23.34 | peak |

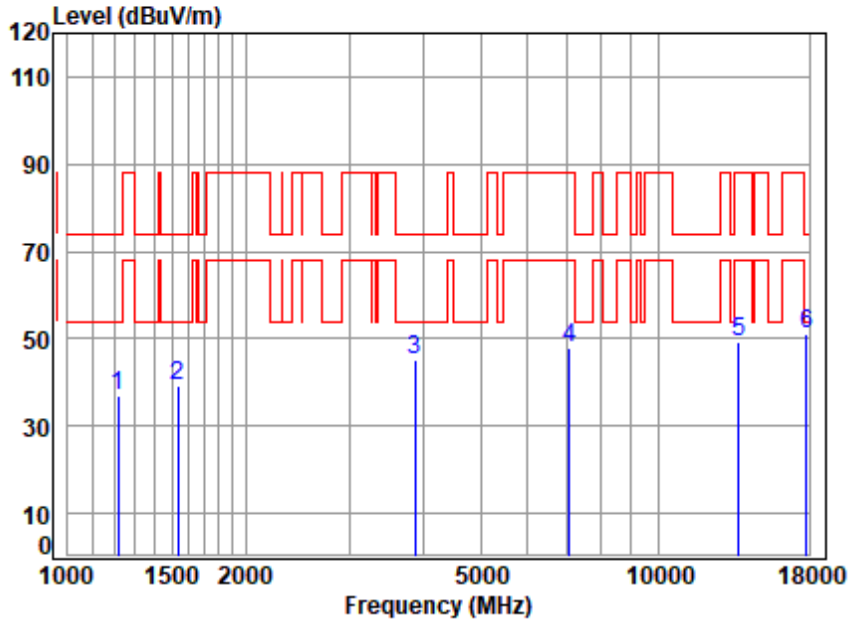
Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:middle




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6685 TX RSE
Note : WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1217.190 | 10.15 | 24.64 | 54.69 | 56.78 | 36.88 | 74.00 | -37.12 | peak |
| 2 | 1587.975 | 10.22 | 26.85 | 54.80 | 56.90 | 39.17 | 74.00 | -34.83 | peak |
| 3 | 4367.058 | 10.77 | 34.54 | 54.26 | 55.76 | 46.81 | 74.00 | -27.19 | peak |
| 4 | 8489.882 | 10.01 | 36.68 | 53.35 | 54.59 | 47.93 | 74.00 | -26.07 | peak |
| 5 | 13370.000 | 13.15 | 38.74 | 53.09 | 48.97 | 47.77 | 74.00 | -26.23 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.45 | 51.03 | 74.00 | -22.97 | peak |

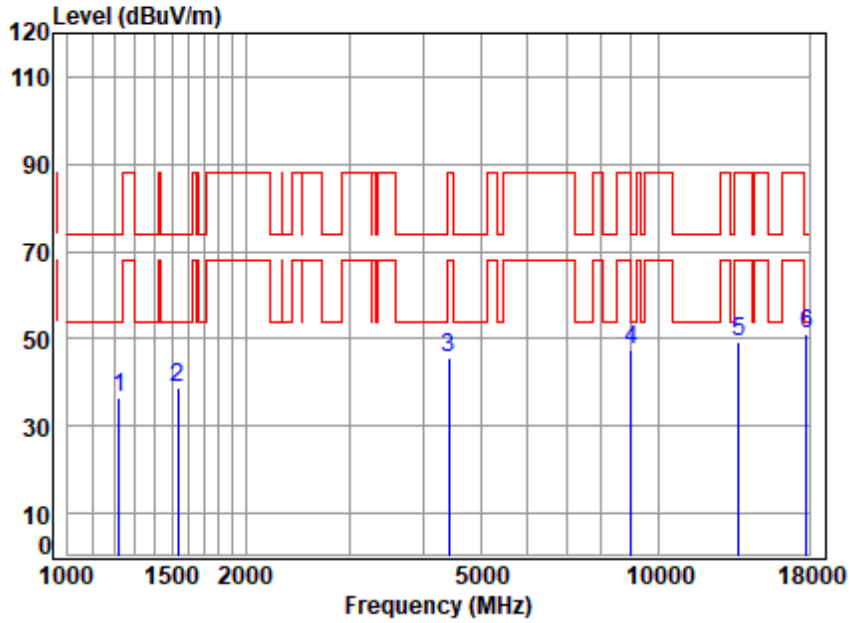
Test Mode: 10; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6845 TX RSE
Note : WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1217.190 | 10.15 | 24.64 | 54.69 | 57.08 | 37.18 | 74.00 | -36.82 | peak |
| 2 | 1538.281 | 10.21 | 26.95 | 54.79 | 56.66 | 39.03 | 74.00 | -34.97 | peak |
| 3 | 3867.831 | 10.67 | 33.35 | 54.38 | 55.67 | 45.31 | 74.00 | -28.69 | peak |
| 4 | 7076.516 | 10.90 | 35.75 | 53.19 | 54.33 | 47.79 | 88.20 | -40.41 | peak |
| 5 | 13690.000 | 13.44 | 39.08 | 52.99 | 49.62 | 49.15 | 88.20 | -39.05 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.30 | 50.88 | 74.00 | -23.12 | peak |

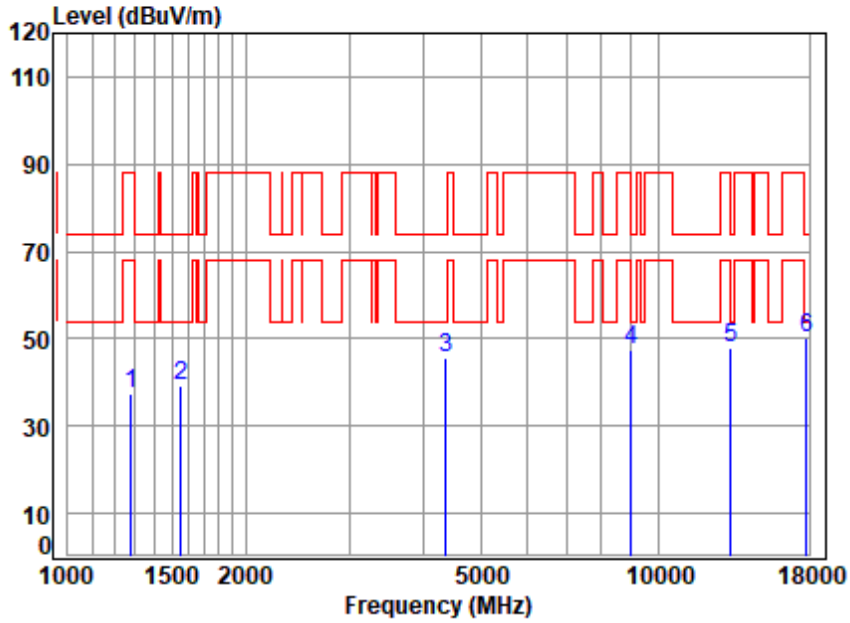
Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6845 TX RSE
Note : WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1220.714 | 10.15 | 24.69 | 54.69 | 56.56 | 36.71 | 74.00 | -37.29 | peak |
| 2 | 1538.281 | 10.21 | 26.95 | 54.79 | 56.33 | 38.70 | 74.00 | -35.30 | peak |
| 3 | 4417.841 | 10.78 | 34.59 | 54.26 | 54.60 | 45.71 | 88.20 | -42.49 | peak |
| 4 | 8995.123 | 10.70 | 36.91 | 53.60 | 53.38 | 47.39 | 88.20 | -40.81 | peak |
| 5 | 13690.000 | 13.44 | 39.08 | 52.99 | 49.61 | 49.14 | 88.20 | -39.06 | peak |
| 6 | p17844.590 | 15.17 | 43.90 | 52.48 | 44.55 | 51.14 | 74.00 | -22.86 | peak |

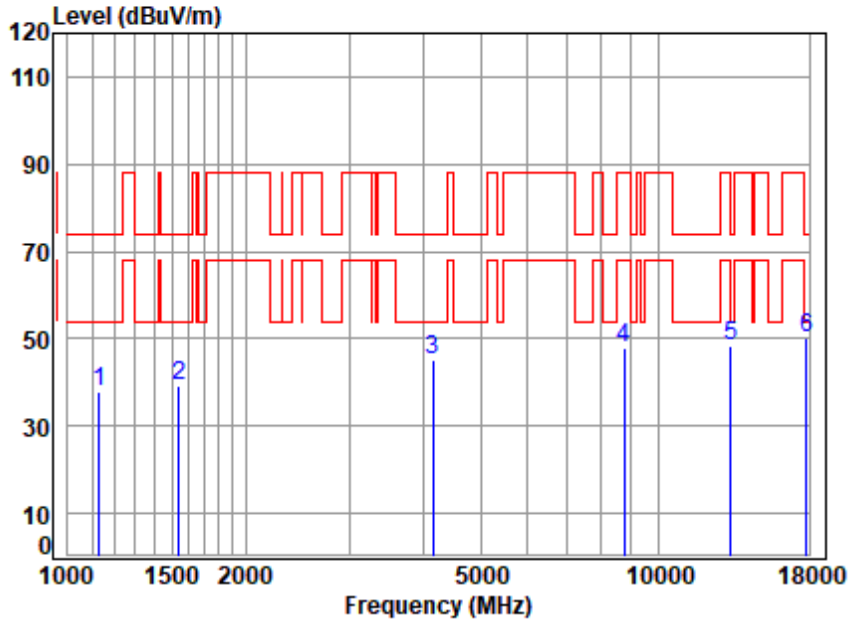
Test Mode: 10; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6625 TX RSE
Note : WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1278.492 | 10.16 | 24.93 | 54.71 | 56.84 | 37.22 | 88.20 | -50.98 | peak |
| 2 | 1556.169 | 10.21 | 26.98 | 54.79 | 57.01 | 39.41 | 74.00 | -34.59 | peak |
| 3 | 4367.058 | 10.77 | 34.54 | 54.26 | 54.61 | 45.66 | 74.00 | -28.34 | peak |
| 4 | 8995.123 | 10.70 | 36.91 | 53.60 | 53.41 | 47.42 | 88.20 | -40.78 | peak |
| 5 | 13250.000 | 12.95 | 38.60 | 53.12 | 49.69 | 48.12 | 74.00 | -25.88 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 43.83 | 50.41 | 74.00 | -23.59 | peak |

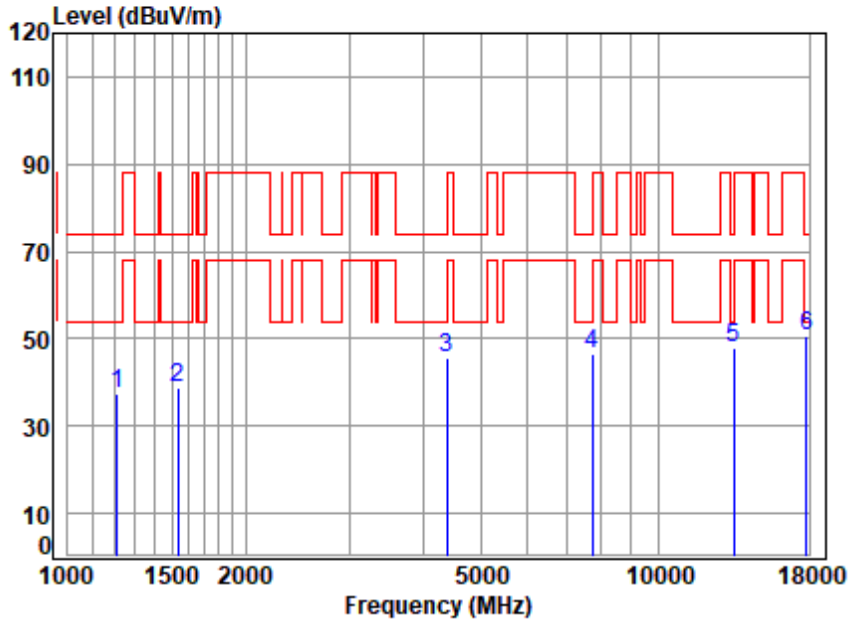
Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6625 TX RSE
Note : WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1129.072 | 10.13 | 23.82 | 54.65 | 58.51 | 37.81 | 74.00 | -36.19 | peak |
| 2 | 1542.733 | 10.21 | 26.97 | 54.79 | 57.02 | 39.41 | 74.00 | -34.59 | peak |
| 3 | 4145.664 | 10.73 | 33.73 | 54.28 | 55.00 | 45.18 | 74.00 | -28.82 | peak |
| 4 | 8764.146 | 10.38 | 36.96 | 53.49 | 54.05 | 47.90 | 88.20 | -40.30 | peak |
| 5 | 13250.000 | 12.95 | 38.60 | 53.12 | 49.81 | 48.24 | 74.00 | -25.76 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 43.74 | 50.32 | 74.00 | -23.68 | peak |

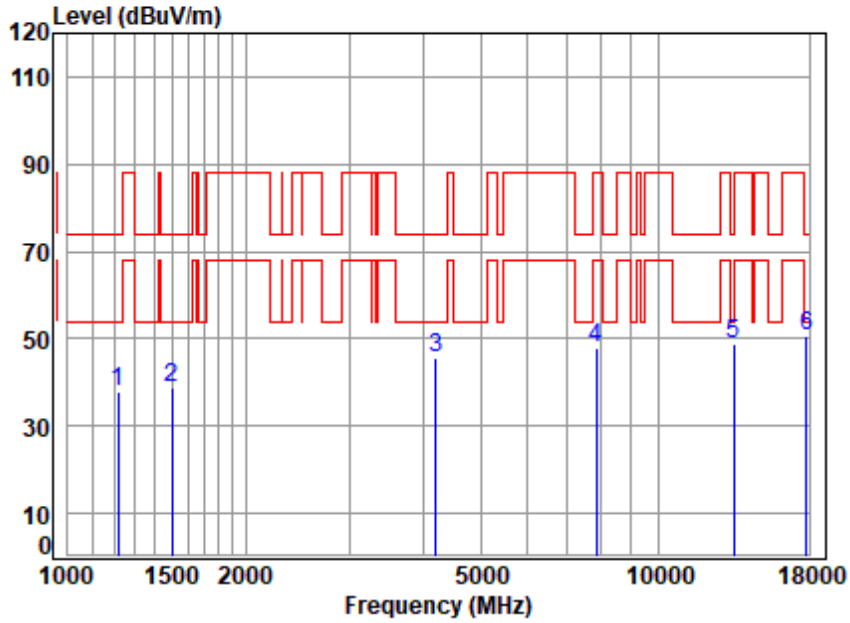
Test Mode: 10; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6705 TX RSE
Note : WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1210.174 | 10.15 | 24.54 | 54.68 | 57.31 | 37.32 | 74.00 | -36.68 | peak |
| 2 | 1533.841 | 10.21 | 26.94 | 54.79 | 56.62 | 38.98 | 74.00 | -35.02 | peak |
| 3 | 4392.376 | 10.78 | 34.74 | 54.26 | 54.50 | 45.76 | 74.00 | -28.24 | peak |
| 4 | 7717.518 | 10.51 | 36.14 | 53.13 | 53.19 | 46.71 | 74.00 | -27.29 | peak |
| 5 | 13410.000 | 13.21 | 38.80 | 53.07 | 49.12 | 48.06 | 88.20 | -40.14 | peak |
| 6 | p17844.590 | 15.17 | 43.90 | 52.48 | 44.11 | 50.70 | 74.00 | -23.30 | peak |

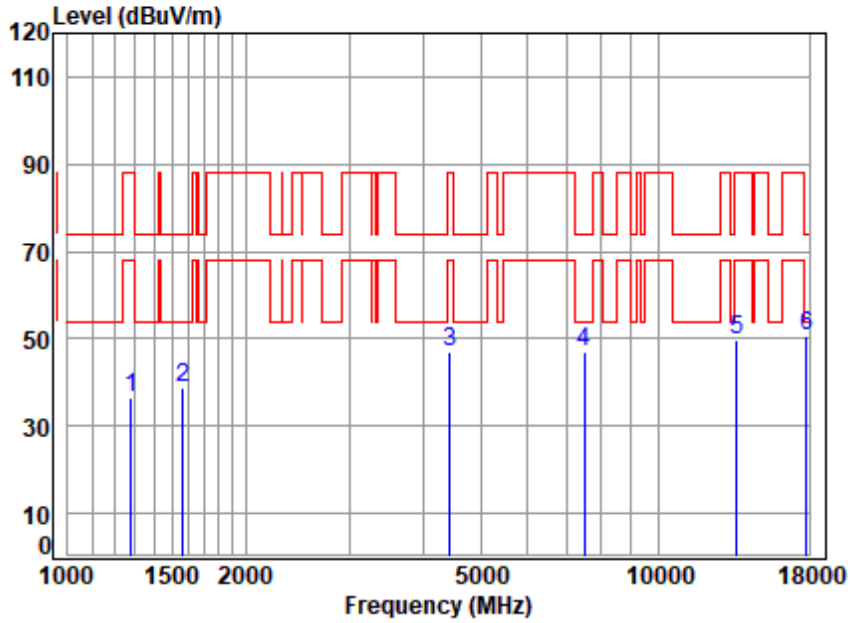
Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:middle




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6705 TX RSE
Note : WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1217.190 | 10.15 | 24.64 | 54.69 | 57.62 | 37.72 | 74.00 | -36.28 | peak |
| 2 | 1503.119 | 10.20 | 26.81 | 54.78 | 56.53 | 38.76 | 74.00 | -35.24 | peak |
| 3 | 4206.011 | 10.74 | 33.80 | 54.28 | 55.56 | 45.82 | 74.00 | -28.18 | peak |
| 4 | 7852.524 | 10.28 | 36.41 | 53.11 | 54.51 | 48.09 | 88.20 | -40.11 | peak |
| 5 | 13410.000 | 13.21 | 38.80 | 53.07 | 49.87 | 48.81 | 88.20 | -39.39 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.29 | 50.87 | 74.00 | -23.13 | peak |

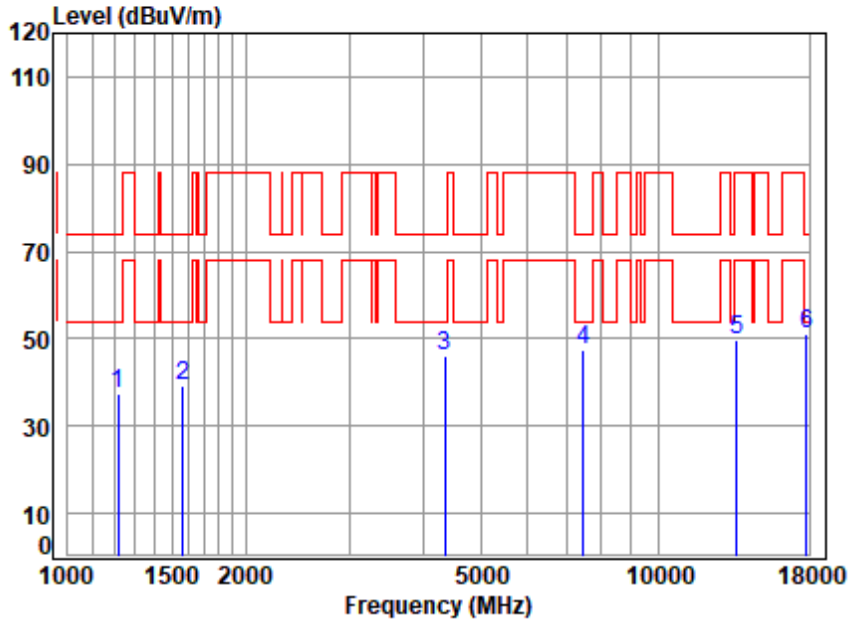
Test Mode: 10; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6785 TX RSE
Note : WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1282.193 | 10.16 | 24.91 | 54.71 | 56.12 | 36.48 | 88.20 | -51.72 | peak |
| 2 | 1569.721 | 10.22 | 26.92 | 54.80 | 56.64 | 38.98 | 74.00 | -35.02 | peak |
| 3 | 4430.628 | 10.79 | 34.43 | 54.25 | 55.98 | 46.95 | 88.20 | -41.25 | peak |
| 4 | 7497.646 | 10.90 | 36.10 | 53.15 | 53.37 | 47.22 | 74.00 | -26.78 | peak |
| 5 | 13570.000 | 13.39 | 38.87 | 53.03 | 50.38 | 49.61 | 88.20 | -38.59 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.23 | 50.81 | 74.00 | -23.19 | peak |

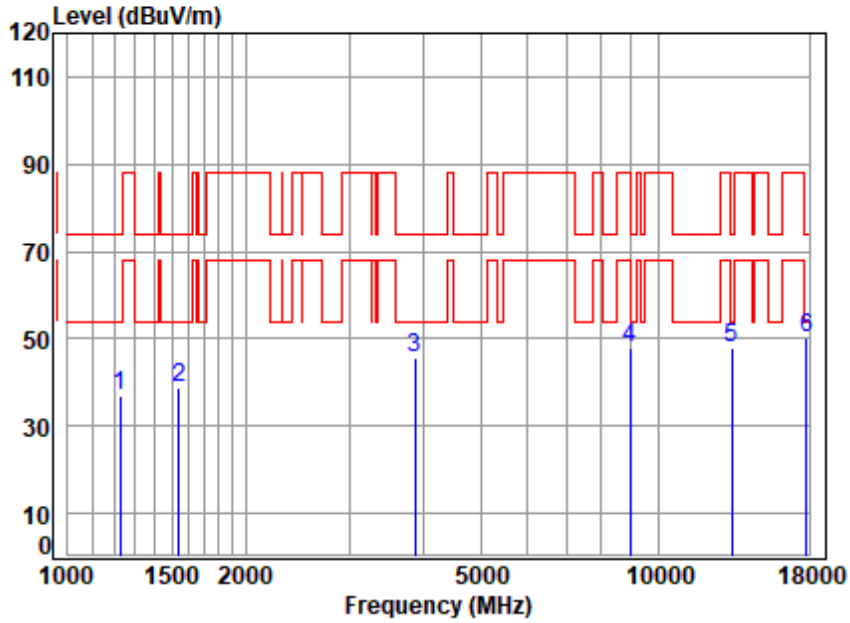
Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6785 TX RSE
Note : WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1217.190 | 10.15 | 24.64 | 54.69 | 57.35 | 37.45 | 74.00 | -36.55 | peak |
| 2 | 1569.721 | 10.22 | 26.92 | 54.80 | 56.95 | 39.29 | 74.00 | -34.71 | peak |
| 3 | 4354.454 | 10.77 | 34.44 | 54.26 | 55.12 | 46.07 | 74.00 | -27.93 | peak |
| 4 | 7454.429 | 10.90 | 36.01 | 53.15 | 53.78 | 47.54 | 74.00 | -26.46 | peak |
| 5 | 13570.000 | 13.39 | 38.87 | 53.03 | 50.67 | 49.90 | 88.20 | -38.30 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.45 | 51.03 | 74.00 | -22.97 | peak |

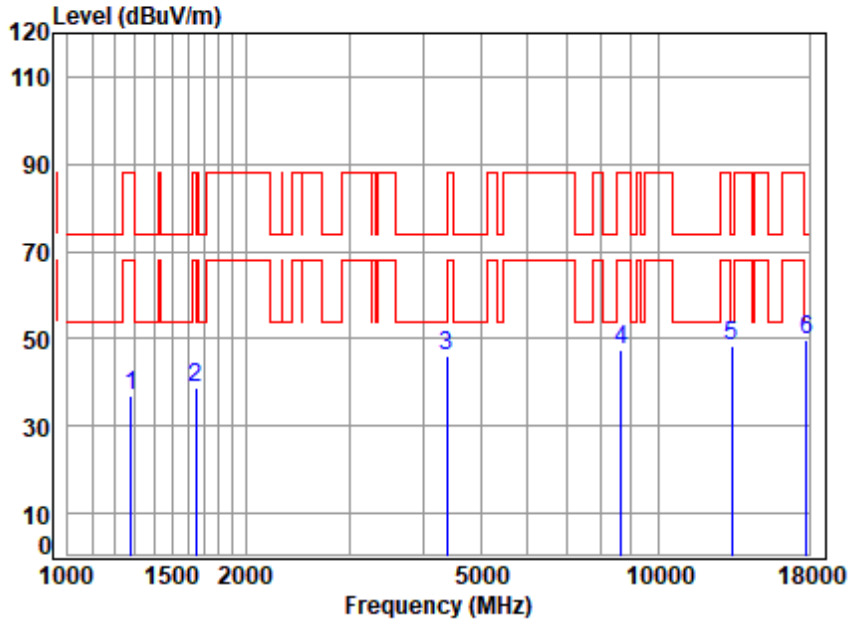
Test Mode: 10; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6665 TX RSE
Note : WIFI 11AX160

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1227.791 | 10.15 | 24.79 | 54.69 | 56.62 | 36.87 | 74.00 | -37.13 | peak |
| 2 | 1542.733 | 10.21 | 26.97 | 54.79 | 56.46 | 38.85 | 74.00 | -35.15 | peak |
| 3 | 3867.831 | 10.67 | 33.35 | 54.38 | 55.80 | 45.44 | 74.00 | -28.56 | peak |
| 4 | 8943.274 | 10.63 | 37.03 | 53.57 | 53.61 | 47.70 | 88.20 | -40.50 | peak |
| 5 | 13330.000 | 13.08 | 38.66 | 53.10 | 49.23 | 47.87 | 74.00 | -26.13 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 43.71 | 50.29 | 74.00 | -23.71 | peak |

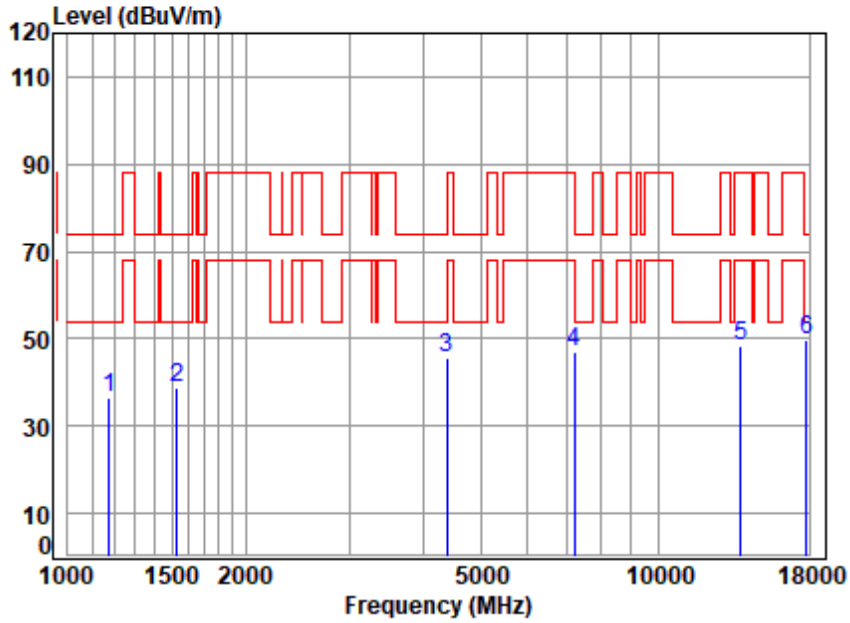
Test Mode: 10; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6665 TX RSE
Note : WIFI 11AX160

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1278.492 | 10.16 | 24.93 | 54.71 | 56.68 | 37.06 | 88.20 | -51.14 | peak |
| 2 | 1648.778 | 10.23 | 26.31 | 54.82 | 57.17 | 38.89 | 88.20 | -49.31 | peak |
| 3 | 4392.376 | 10.78 | 34.74 | 54.26 | 54.63 | 45.89 | 74.00 | -28.11 | peak |
| 4 | 8663.404 | 10.24 | 36.90 | 53.44 | 53.88 | 47.58 | 88.20 | -40.62 | peak |
| 5 | 13330.000 | 13.08 | 38.66 | 53.10 | 49.63 | 48.27 | 74.00 | -25.73 | peak |
| 6 | p17844.590 | 15.17 | 43.90 | 52.48 | 43.12 | 49.71 | 74.00 | -24.29 | peak |

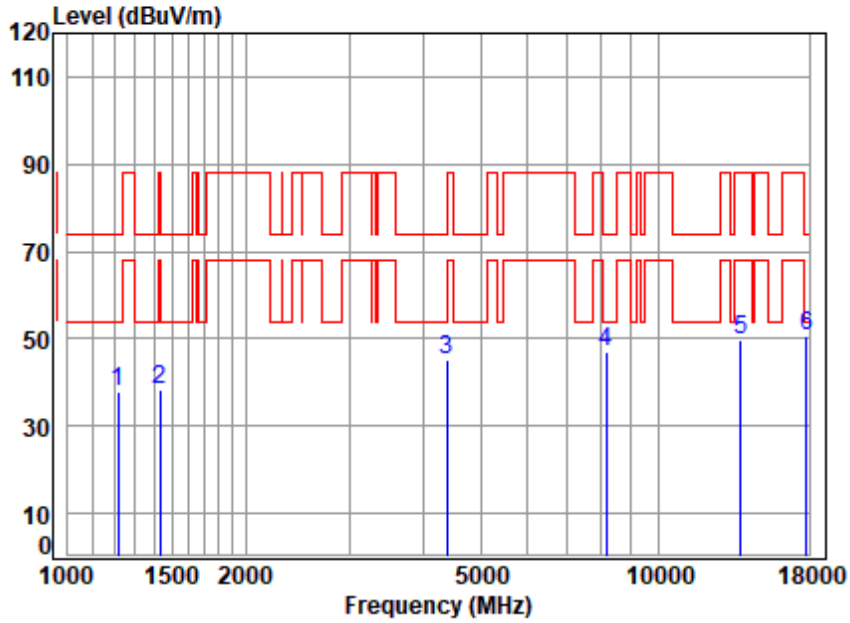
Test Mode: 11; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6895 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1175.697 | 10.14 | 24.16 | 54.67 | 56.92 | 36.55 | 74.00 | -37.45 | peak |
| 2 | 1529.414 | 10.21 | 26.92 | 54.78 | 56.30 | 38.65 | 74.00 | -35.35 | peak |
| 3 | 4379.699 | 10.78 | 34.64 | 54.26 | 54.49 | 45.65 | 74.00 | -28.35 | peak |
| 4 | 7221.150 | 10.90 | 35.70 | 53.18 | 53.38 | 46.80 | 88.20 | -41.40 | peak |
| 5 | 13790.000 | 13.48 | 39.28 | 52.96 | 48.71 | 48.51 | 88.20 | -39.69 | peak |
| 6 | p17844.590 | 15.17 | 43.90 | 52.48 | 43.17 | 49.76 | 74.00 | -24.24 | peak |

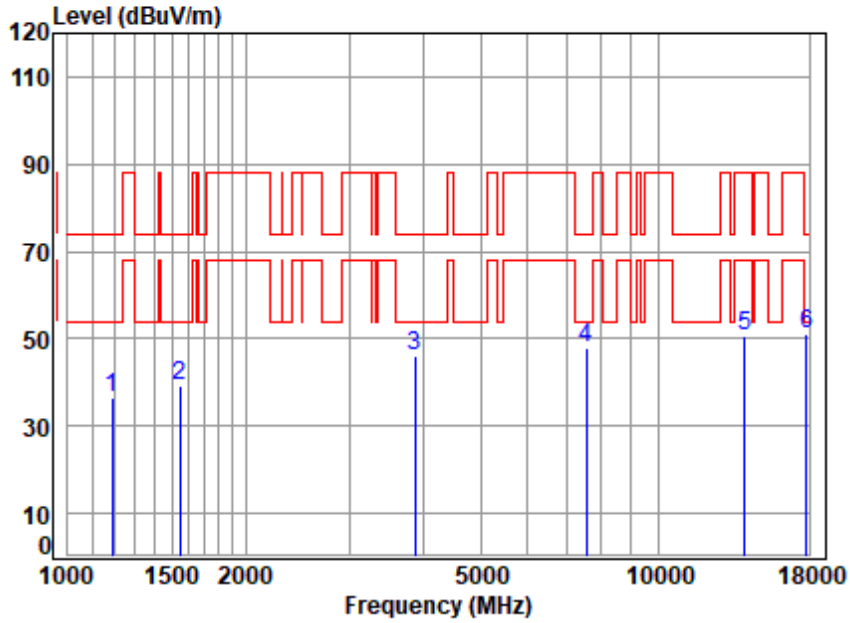
Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6895 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1217.190 | 10.15 | 24.64 | 54.69 | 57.70 | 37.80 | 74.00 | -36.20 | peak |
| 2 | 1435.189 | 10.19 | 25.16 | 54.76 | 57.93 | 38.52 | 74.00 | -35.48 | peak |
| 3 | 4392.376 | 10.78 | 34.74 | 54.26 | 53.92 | 45.18 | 74.00 | -28.82 | peak |
| 4 | 8176.795 | 10.02 | 36.55 | 53.19 | 53.83 | 47.21 | 74.00 | -26.79 | peak |
| 5 | 13790.000 | 13.48 | 39.28 | 52.96 | 50.10 | 49.90 | 88.20 | -38.30 | peak |
| 6 | p17844.590 | 15.17 | 43.90 | 52.48 | 43.86 | 50.45 | 74.00 | -23.55 | peak |

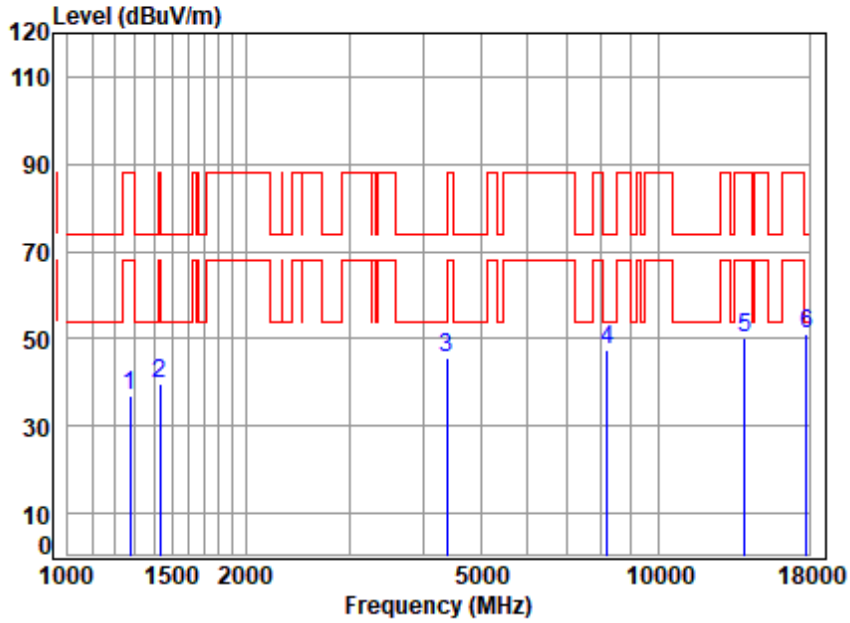
Test Mode: 11; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6995 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1189.368 | 10.14 | 24.29 | 54.68 | 56.64 | 36.39 | 74.00 | -37.61 | peak |
| 2 | 1547.199 | 10.21 | 26.99 | 54.79 | 56.80 | 39.21 | 74.00 | -34.79 | peak |
| 3 | 3867.831 | 10.67 | 33.35 | 54.38 | 56.27 | 45.91 | 74.00 | -28.09 | peak |
| 4 | 7541.114 | 10.83 | 36.10 | 53.14 | 54.04 | 47.83 | 74.00 | -26.17 | peak |
| 5 | 13990.000 | 13.56 | 39.68 | 52.90 | 50.23 | 50.57 | 88.20 | -37.63 | peak |
| 6 | p17844.590 | 15.17 | 43.90 | 52.48 | 44.59 | 51.18 | 74.00 | -22.82 | peak |

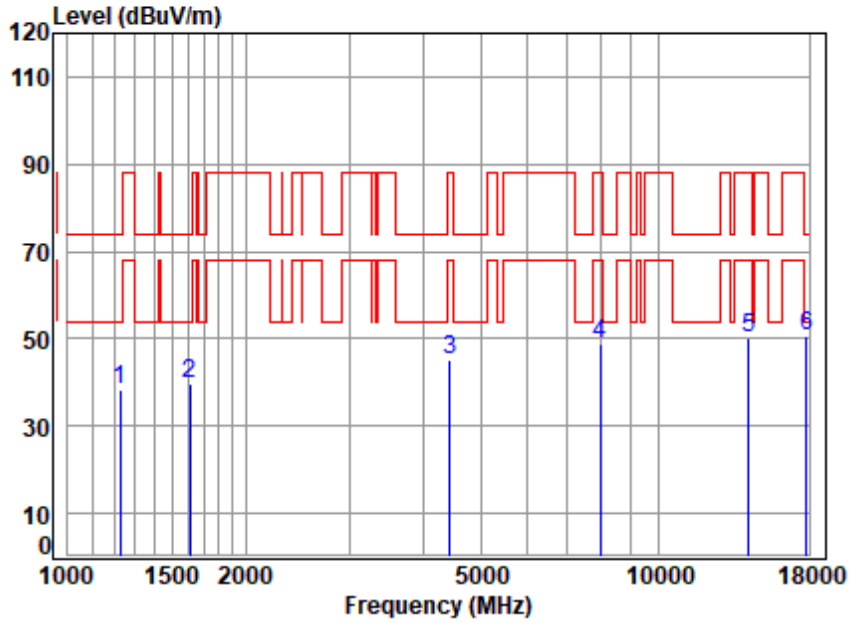
Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6995 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1274.802 | 10.16 | 24.95 | 54.71 | 56.50 | 36.90 | 88.20 | -51.30 | peak |
| 2 | 1435.189 | 10.19 | 25.16 | 54.76 | 59.17 | 39.76 | 74.00 | -34.24 | peak |
| 3 | 4392.376 | 10.78 | 34.74 | 54.26 | 54.54 | 45.80 | 74.00 | -28.20 | peak |
| 4 | 8200.463 | 10.02 | 36.60 | 53.21 | 54.09 | 47.50 | 74.00 | -26.50 | peak |
| 5 | 13990.000 | 13.56 | 39.68 | 52.90 | 49.92 | 50.26 | 88.20 | -37.94 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.46 | 51.04 | 74.00 | -22.96 | peak |

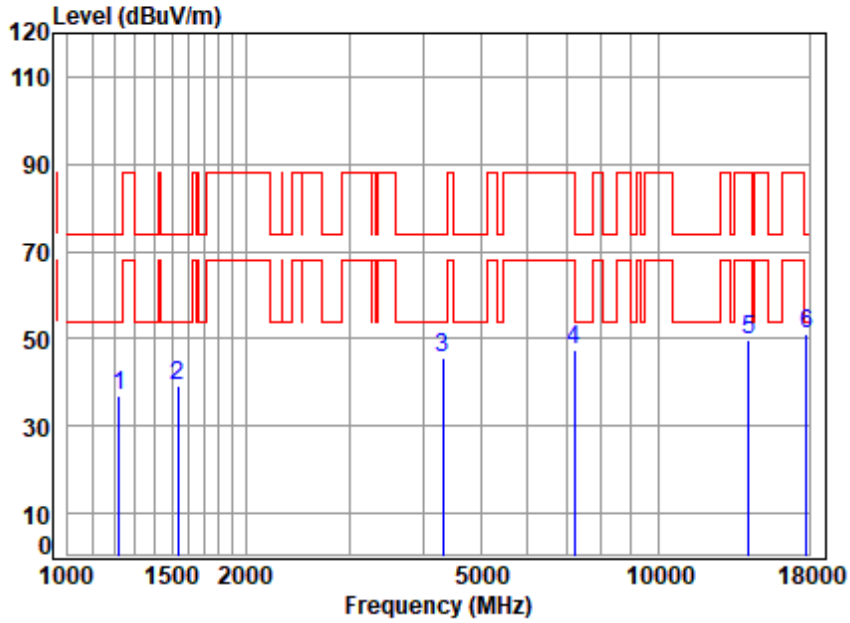
Test Mode: 11; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 7115 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1227.791 | 10.15 | 24.79 | 54.69 | 58.25 | 38.50 | 74.00 | -35.50 | peak |
| 2 | 1611.091 | 10.22 | 26.69 | 54.81 | 57.70 | 39.80 | 74.00 | -34.20 | peak |
| 3 | 4443.453 | 10.79 | 34.28 | 54.25 | 54.51 | 45.33 | 88.20 | -42.87 | peak |
| 4 | 7966.832 | 10.09 | 36.40 | 53.10 | 55.29 | 48.68 | 88.20 | -39.52 | peak |
| 5 | 14230.000 | 13.45 | 39.89 | 52.83 | 49.74 | 50.25 | 88.20 | -37.95 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.13 | 50.71 | 74.00 | -23.29 | peak |

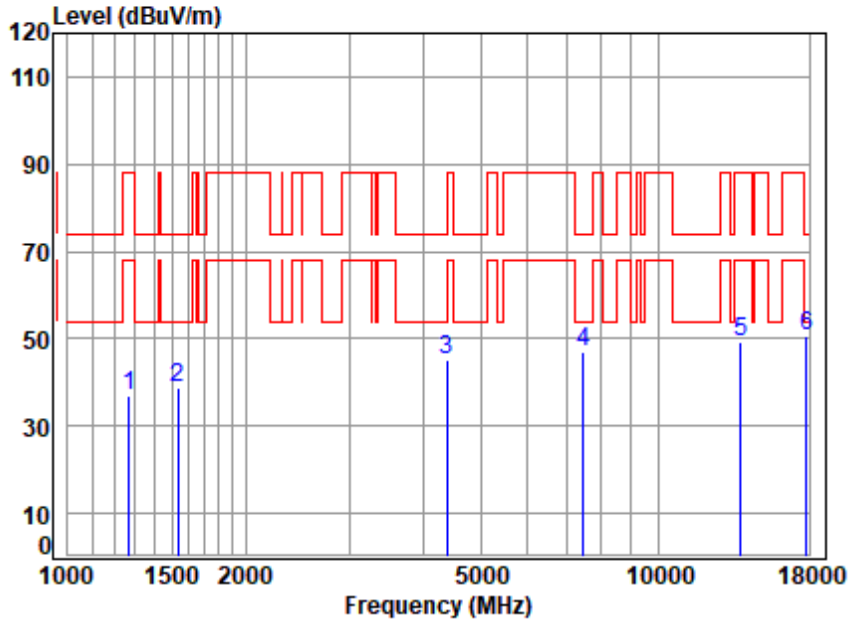
Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 7115 TX RSE
Note : WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1220.714 | 10.15 | 24.69 | 54.69 | 56.68 | 36.83 | 74.00 | -37.17 | peak |
| 2 | 1538.281 | 10.21 | 26.95 | 54.79 | 56.80 | 39.17 | 74.00 | -34.83 | peak |
| 3 | 4316.859 | 10.76 | 34.13 | 54.27 | 55.17 | 45.79 | 74.00 | -28.21 | peak |
| 4 | 7200.309 | 10.90 | 35.70 | 53.18 | 54.04 | 47.46 | 88.20 | -40.74 | peak |
| 5 | 14230.000 | 13.45 | 39.89 | 52.83 | 49.03 | 49.54 | 88.20 | -38.66 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.39 | 50.97 | 74.00 | -23.03 | peak |

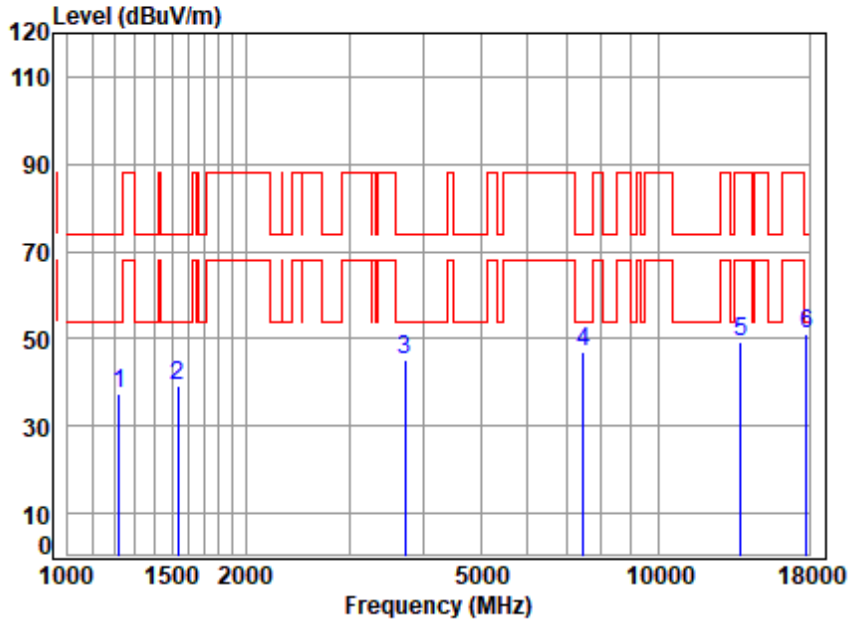
Test Mode: 11; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6885 TX RSE
Note : WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1271.123 | 10.16 | 24.97 | 54.70 | 56.42 | 36.85 | 88.20 | -51.35 | peak |
| 2 | 1533.841 | 10.21 | 26.94 | 54.79 | 56.29 | 38.65 | 74.00 | -35.35 | peak |
| 3 | 4392.376 | 10.78 | 34.74 | 54.26 | 53.82 | 45.08 | 74.00 | -28.92 | peak |
| 4 | 7476.006 | 10.90 | 36.05 | 53.15 | 53.31 | 47.11 | 74.00 | -26.89 | peak |
| 5 | 13770.000 | 13.47 | 39.24 | 52.97 | 49.66 | 49.40 | 88.20 | -38.80 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.12 | 50.70 | 74.00 | -23.30 | peak |

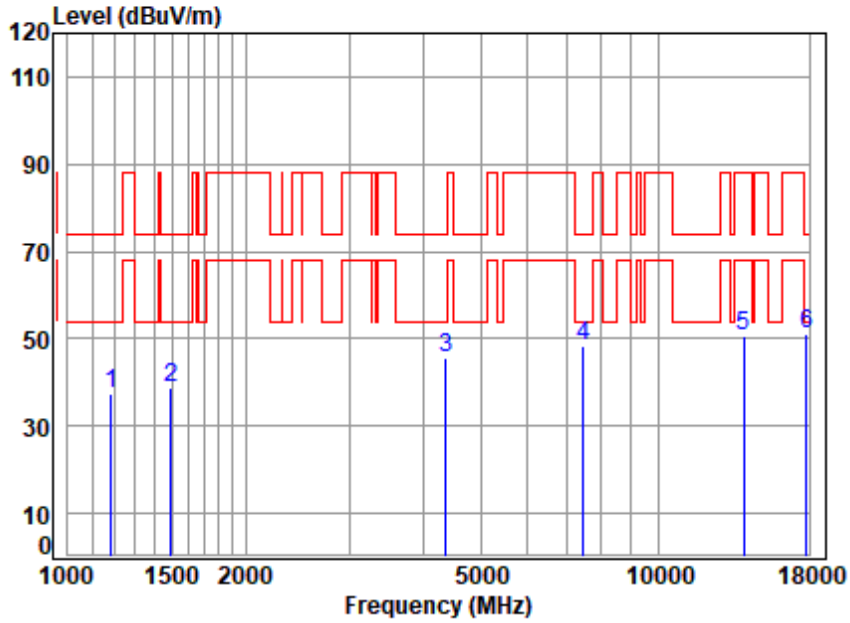
Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6885 TX RSE
Note : WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1224.247 | 10.15 | 24.74 | 54.69 | 57.00 | 37.20 | 74.00 | -36.80 | peak |
| 2 | 1533.841 | 10.21 | 26.94 | 54.79 | 56.87 | 39.23 | 74.00 | -34.77 | peak |
| 3 | 3725.195 | 10.65 | 32.95 | 54.47 | 55.95 | 45.08 | 74.00 | -28.92 | peak |
| 4 | 7476.006 | 10.90 | 36.05 | 53.15 | 53.41 | 47.21 | 74.00 | -26.79 | peak |
| 5 | 13770.000 | 13.47 | 39.24 | 52.97 | 49.56 | 49.30 | 88.20 | -38.90 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.71 | 51.29 | 74.00 | -22.71 | peak |

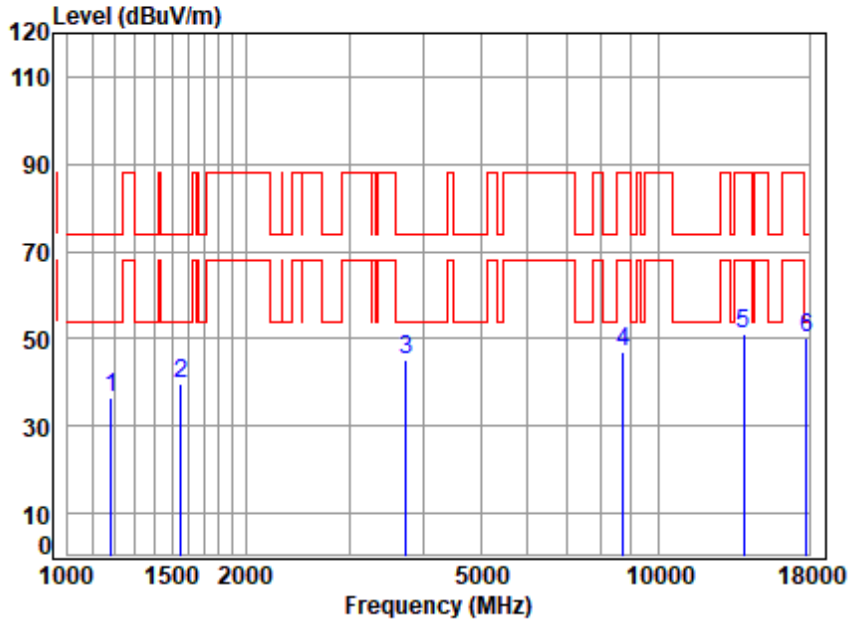
Test Mode: 11; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:middle




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6965 TX RSE
Note : WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1182.513 | 10.14 | 24.23 | 54.67 | 57.73 | 37.43 | 74.00 | -36.57 | peak |
| 2 | 1494.455 | 10.20 | 26.64 | 54.77 | 56.51 | 38.58 | 74.00 | -35.42 | peak |
| 3 | 4367.058 | 10.77 | 34.54 | 54.26 | 54.71 | 45.76 | 74.00 | -28.24 | peak |
| 4 | 7454.429 | 10.90 | 36.01 | 53.15 | 54.54 | 48.30 | 74.00 | -25.70 | peak |
| 5 | 13930.000 | 13.53 | 39.56 | 52.92 | 50.34 | 50.51 | 88.20 | -37.69 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.43 | 51.01 | 74.00 | -22.99 | peak |

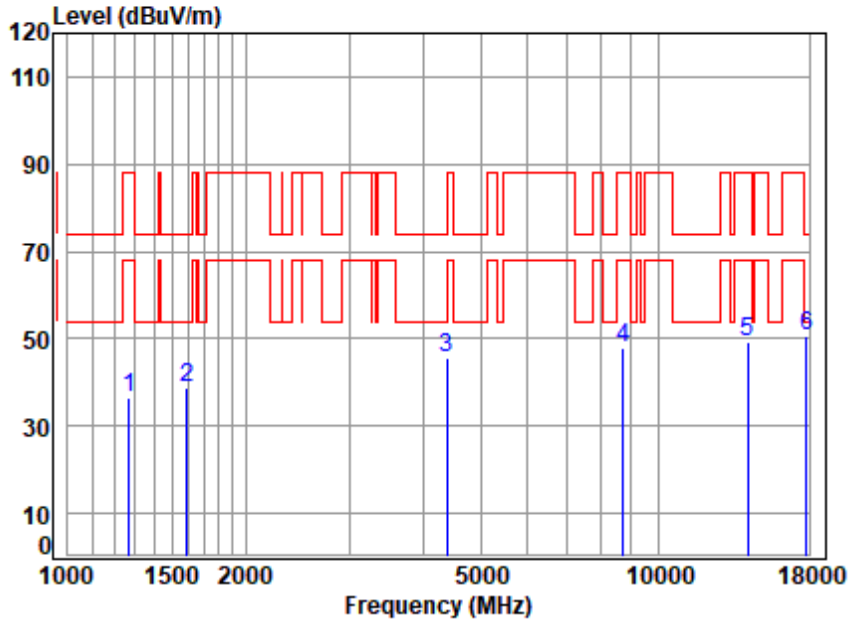
Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:middle




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6965 TX RSE
Note : WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1182.513 | 10.14 | 24.23 | 54.67 | 56.77 | 36.47 | 74.00 | -37.53 | peak |
| 2 | 1551.677 | 10.21 | 26.99 | 54.79 | 57.16 | 39.57 | 74.00 | -34.43 | peak |
| 3 | 3735.978 | 10.65 | 32.93 | 54.47 | 55.84 | 44.95 | 74.00 | -29.05 | peak |
| 4 | 8713.630 | 10.31 | 36.90 | 53.46 | 53.22 | 46.97 | 88.20 | -41.23 | peak |
| 5 | 13930.000 | 13.53 | 39.56 | 52.92 | 50.93 | 51.10 | 88.20 | -37.10 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 43.76 | 50.34 | 74.00 | -23.66 | peak |

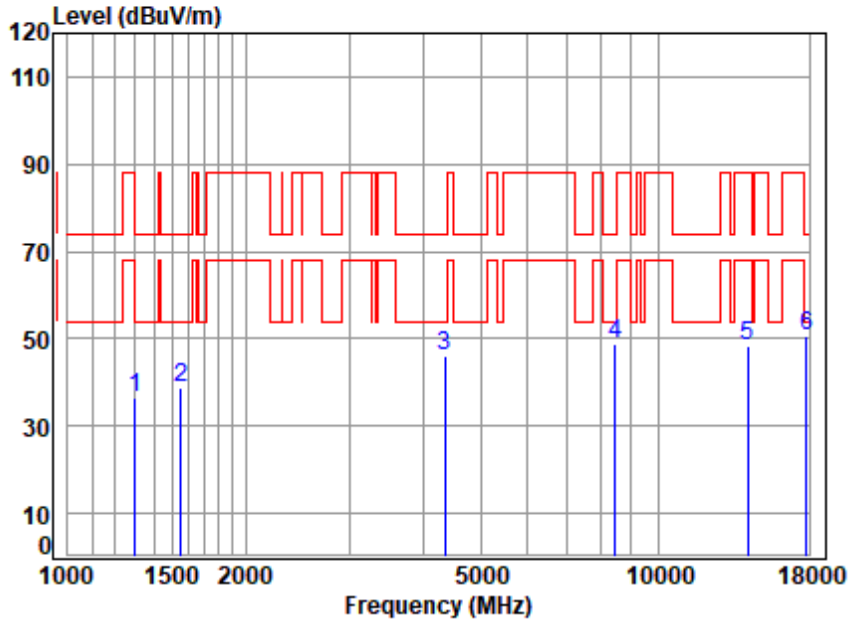
Test Mode: 11; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 7085 TX RSE
Note : WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1271.123 | 10.16 | 24.97 | 54.70 | 56.00 | 36.43 | 88.20 | -51.77 | peak |
| 2 | 1592.571 | 10.22 | 26.83 | 54.80 | 56.58 | 38.83 | 74.00 | -35.17 | peak |
| 3 | 4392.376 | 10.78 | 34.74 | 54.26 | 54.37 | 45.63 | 74.00 | -28.37 | peak |
| 4 | 8713.630 | 10.31 | 36.90 | 53.46 | 54.27 | 48.02 | 88.20 | -40.18 | peak |
| 5 | 14170.000 | 13.48 | 39.80 | 52.85 | 48.99 | 49.42 | 88.20 | -38.78 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.22 | 50.80 | 74.00 | -23.20 | peak |

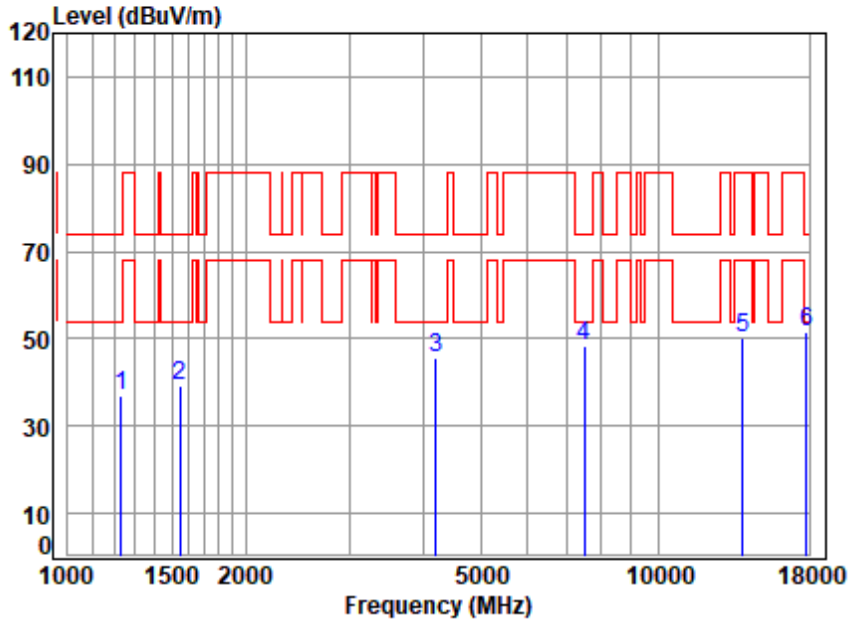
Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 7085 TX RSE
Note : WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1300.858 | 10.16 | 24.79 | 54.71 | 56.35 | 36.59 | 74.00 | -37.41 | peak |
| 2 | 1556.169 | 10.21 | 26.98 | 54.79 | 56.16 | 38.56 | 74.00 | -35.44 | peak |
| 3 | 4354.454 | 10.77 | 34.44 | 54.26 | 55.17 | 46.12 | 74.00 | -27.88 | peak |
| 4 | 8465.379 | 10.01 | 36.63 | 53.34 | 55.65 | 48.95 | 74.00 | -25.05 | peak |
| 5 | 14170.000 | 13.48 | 39.80 | 52.85 | 47.96 | 48.39 | 88.20 | -39.81 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.02 | 50.60 | 74.00 | -23.40 | peak |

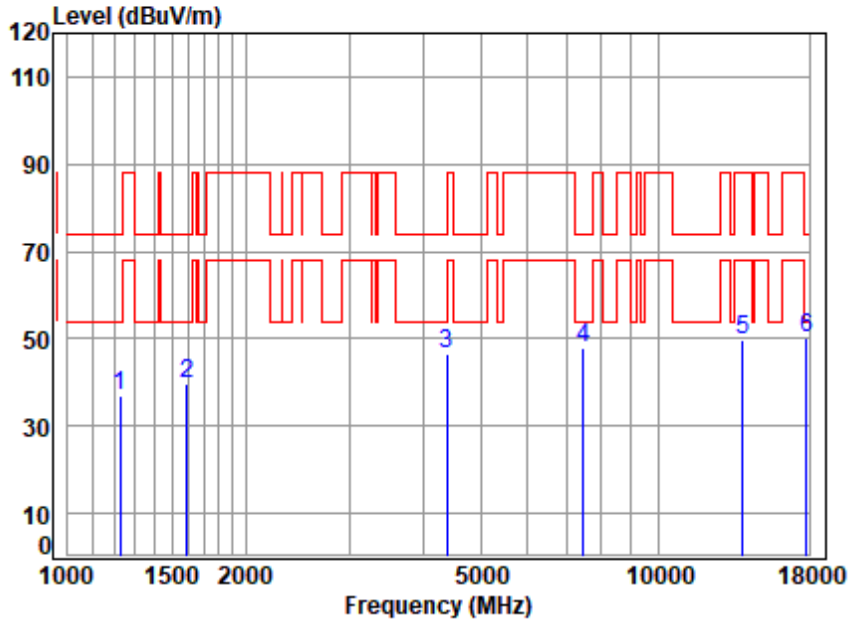
Test Mode: 11; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6945 TX RSE
Note : WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1231.345 | 10.15 | 24.84 | 54.69 | 56.79 | 37.09 | 74.00 | -36.91 | peak |
| 2 | 1547.199 | 10.21 | 26.99 | 54.79 | 56.69 | 39.10 | 74.00 | -34.90 | peak |
| 3 | 4193.872 | 10.74 | 33.80 | 54.28 | 55.46 | 45.72 | 74.00 | -28.28 | peak |
| 4 | 7497.646 | 10.90 | 36.10 | 53.15 | 54.62 | 48.47 | 74.00 | -25.53 | peak |
| 5 | 13890.000 | 13.52 | 39.48 | 52.93 | 50.34 | 50.41 | 88.20 | -37.79 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 45.00 | 51.58 | 74.00 | -22.42 | peak |

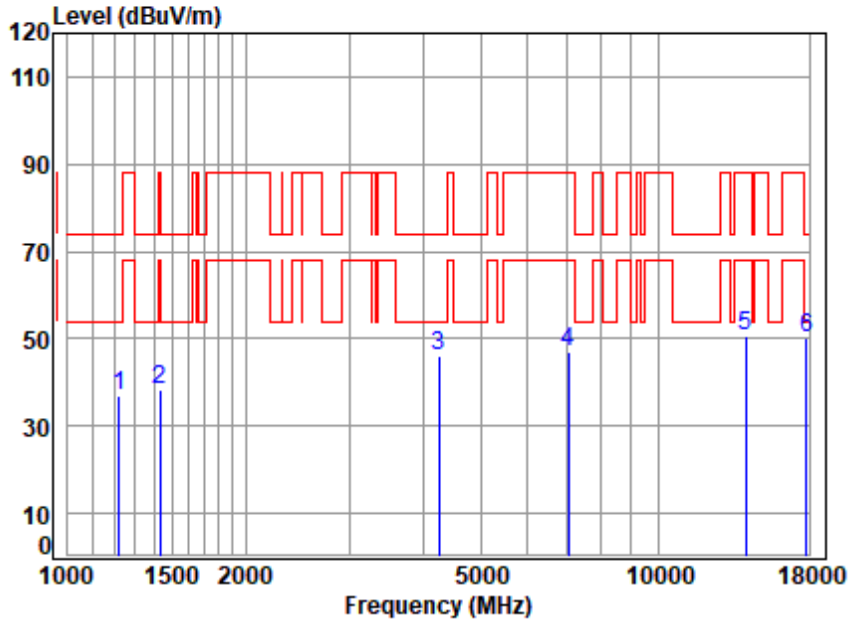
Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6945 TX RSE
Note : WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1227.791 | 10.15 | 24.79 | 54.69 | 56.79 | 37.04 | 74.00 | -36.96 | peak |
| 2 | 1592.571 | 10.22 | 26.83 | 54.80 | 57.54 | 39.79 | 74.00 | -34.21 | peak |
| 3 | 4379.699 | 10.78 | 34.64 | 54.26 | 55.28 | 46.44 | 74.00 | -27.56 | peak |
| 4 | 7476.006 | 10.90 | 36.05 | 53.15 | 53.97 | 47.77 | 74.00 | -26.23 | peak |
| 5 | 13890.000 | 13.52 | 39.48 | 52.93 | 49.72 | 49.79 | 88.20 | -38.41 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 43.82 | 50.40 | 74.00 | -23.60 | peak |

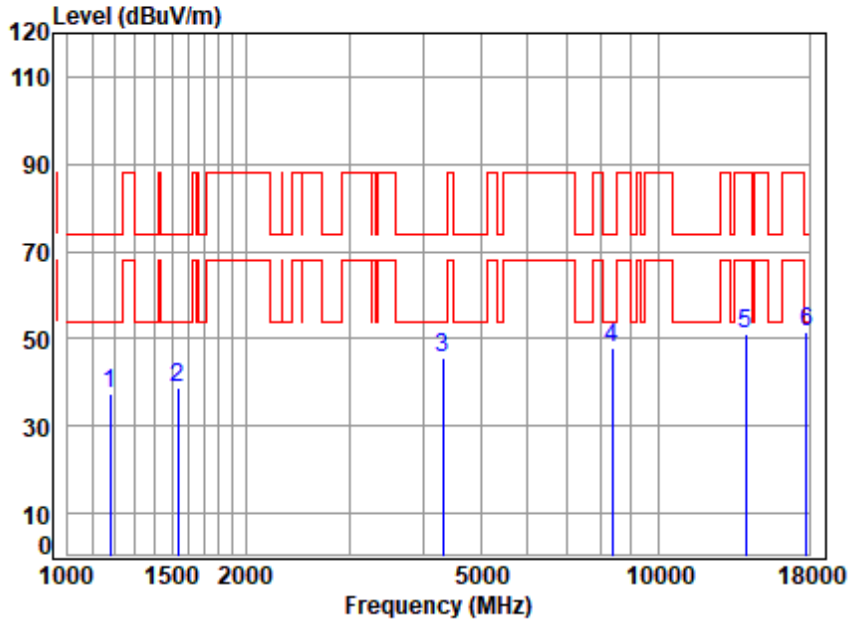
Test Mode: 11; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 7025 TX RSE
Note : WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1220.714 | 10.15 | 24.69 | 54.69 | 56.69 | 36.84 | 74.00 | -37.16 | peak |
| 2 | 1431.047 | 10.19 | 25.10 | 54.76 | 57.90 | 38.43 | 88.20 | -49.77 | peak |
| 3 | 4242.641 | 10.75 | 33.80 | 54.27 | 55.83 | 46.11 | 74.00 | -27.89 | peak |
| 4 | 7056.092 | 10.90 | 35.71 | 53.19 | 53.51 | 46.93 | 88.20 | -41.27 | peak |
| 5 | 14050.000 | 13.54 | 39.75 | 52.88 | 50.27 | 50.68 | 88.20 | -37.52 | peak |
| 6 | p17844.590 | 15.17 | 43.90 | 52.48 | 43.61 | 50.20 | 74.00 | -23.80 | peak |

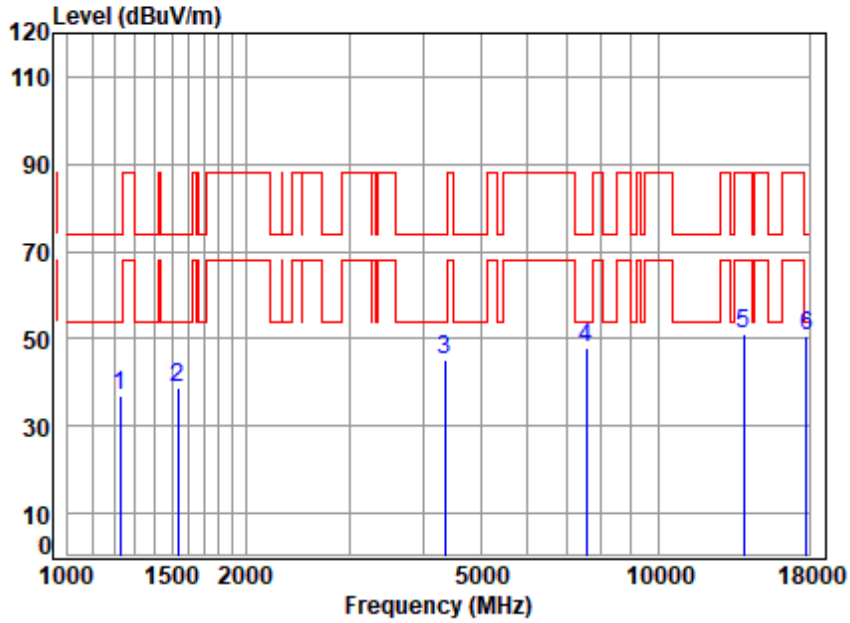
Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 7025 TX RSE
Note : WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1179.100 | 10.14 | 24.19 | 54.67 | 57.65 | 37.31 | 74.00 | -36.69 | peak |
| 2 | 1538.281 | 10.21 | 26.95 | 54.79 | 56.40 | 38.77 | 74.00 | -35.23 | peak |
| 3 | 4316.859 | 10.76 | 34.13 | 54.27 | 54.97 | 45.59 | 74.00 | -28.41 | peak |
| 4 | 8343.918 | 10.02 | 36.70 | 53.28 | 54.33 | 47.77 | 74.00 | -26.23 | peak |
| 5 | 14050.000 | 13.54 | 39.75 | 52.88 | 50.54 | 50.95 | 88.20 | -37.25 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 45.12 | 51.70 | 74.00 | -22.30 | peak |

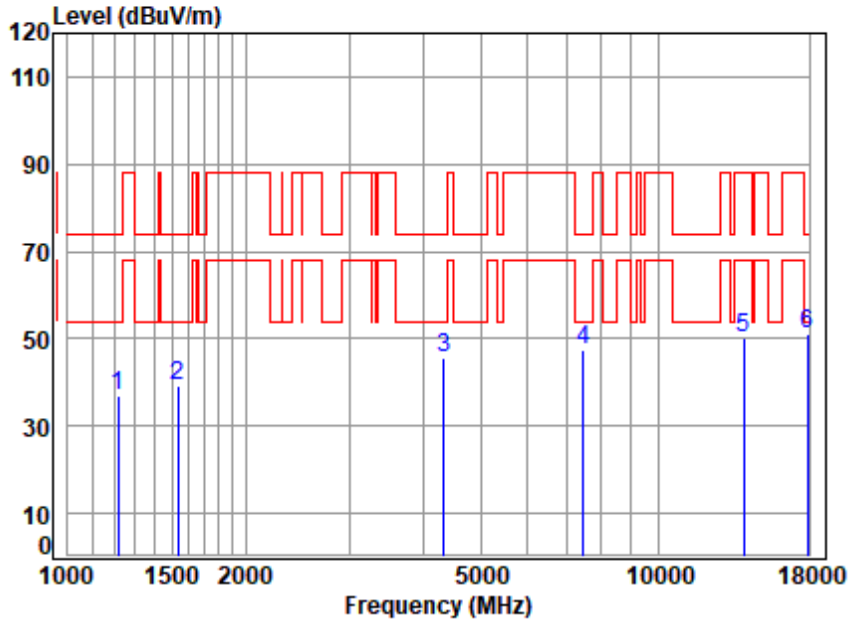
Test Mode: 11; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6985 TX RSE
Note : WIFI 11AX160

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1227.791 | 10.15 | 24.79 | 54.69 | 56.92 | 37.17 | 74.00 | -36.83 | peak |
| 2 | 1533.841 | 10.21 | 26.94 | 54.79 | 56.59 | 38.95 | 74.00 | -35.05 | peak |
| 3 | 4354.454 | 10.77 | 34.44 | 54.26 | 54.42 | 45.37 | 74.00 | -28.63 | peak |
| 4 | 7562.942 | 10.79 | 36.13 | 53.14 | 54.28 | 48.06 | 74.00 | -25.94 | peak |
| 5 | 13970.000 | 13.55 | 39.64 | 52.91 | 50.71 | 50.99 | 88.20 | -37.21 | peak |
| 6 | p17793.090 | 15.19 | 43.89 | 52.50 | 44.26 | 50.84 | 74.00 | -23.16 | peak |

Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:middle




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6985 TX RSE
Note : WIFI 11AX160

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1217.190 | 10.15 | 24.64 | 54.69 | 56.91 | 37.01 | 74.00 | -36.99 | peak |
| 2 | 1533.841 | 10.21 | 26.94 | 54.79 | 56.93 | 39.29 | 74.00 | -34.71 | peak |
| 3 | 4341.886 | 10.77 | 34.34 | 54.26 | 55.00 | 45.85 | 74.00 | -28.15 | peak |
| 4 | 7476.006 | 10.90 | 36.05 | 53.15 | 53.46 | 47.26 | 74.00 | -26.74 | peak |
| 5 | 13970.000 | 13.55 | 39.64 | 52.91 | 49.88 | 50.16 | 88.20 | -38.04 | peak |
| 6 | p17896.250 | 15.15 | 43.90 | 52.45 | 44.30 | 50.90 | 74.00 | -23.10 | peak |

## 7.5 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)
Test Method: ANSI C63.10 (2013) Section 6.10.5
Measurement Distance: 3m

Limit:

| Frequency(MHz) | Field strength(microvolts/meter) | Measurement distance(meters) |
|---|---|---|
| Above 1GHz | 500 | 3 |

c. any emission outside the 5925-7125 MHz frequency band shall not exceed −27 dBm/MHz e.i.r.p. spectral density

d. the e.i.r.p. spectral density of unwanted emissions falling into the 5925-7125 MHz frequency band shall be attenuated below the reference spectral density by:

vii. 20dB at 1MHz away from the channel edges.

viii. a value, linearly interpolated in a dB scale, between 20 dB and 28 dB at frequencies between 1MHz outside of channel edges and 1 channel bandwidth away from the operating channel center, respectively

ix. 28dB at 1 channel bandwidth away from the operating channel center

x. a value, linearly interpolated in a dB scale, between 28 dB and 40 dB at frequencies between 1 channel bandwidth away from the operating channel center and 1.5 times the channel bandwidth away from the operating channel center, respectively

xi. 40dB at 1.5 times the channel bandwidth away from the operating channel center

xii. a minimum of 40 dB at frequencies that are further away than 1.5 times the channel bandwidth from the operating channel center.

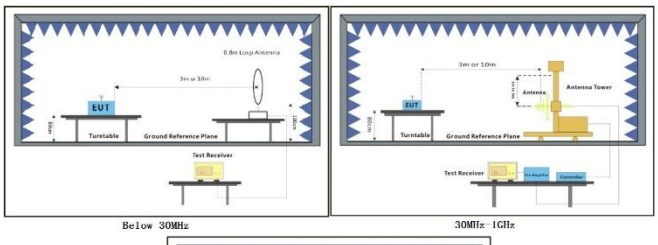
### 7.5.1 E.U.T. Operation

Operating Environment:
Temperature: 23.5 °C Humidity: 56.3 % RH Atmospheric Pressure: 1020 mbar

### 7.5.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 08 | TX mode (U-NII-5) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Pre-scan | 09 | TX mode (U-NII-6) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Pre-scan | 10 | TX mode (U-NII-7) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 11 | TX mode (U-NII-8) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |

### 7.5.3 Test Setup Diagram



### 7.5.4 Measurement Procedure and Data

a. For below 1GHz, the EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 or 10 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

b. For above 1GHz, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter fully-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.

c. The EUT was set 3 or 10 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.

d. The antenna height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.

e. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters (for the test frequency of below 30MHz, the antenna was tuned to heights 1 meter) and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.

f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

g. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

h. Test the EUT in the lowest channel, the middle channel, the Highest channel.

i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.

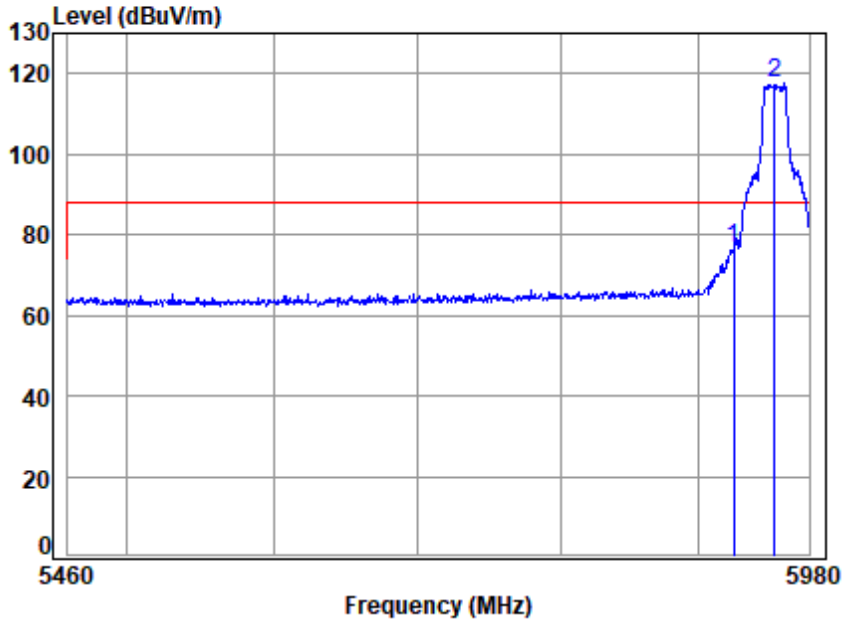
j. Repeat above procedures until all frequencies measured was complete.

Remark 1: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Remark 2.The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.

Remark 3. For fundamental and harmonic signal measurement, the resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is $\geqslant$1/T (Duty cycle$<$98%) or 10Hz (Duty cycle$\geqslant$98%) for Average detection (AV) at frequency above 1GHz.

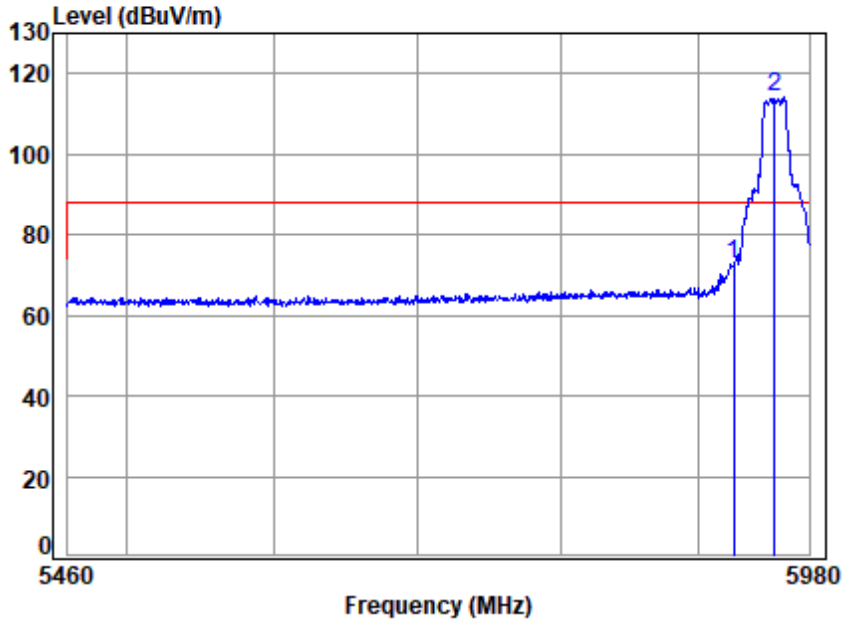
Test Mode: 08; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 5955 Band edge
: 6G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5925.000 | 19.58 | 34.65 | 31.67 | 54.20 | 76.76 | 88.20 | -11.44 | peak |
| 2 p | 5955.000 | 19.60 | 34.72 | 31.68 | 95.09 | 117.73 | 88.20 | 29.53 | peak |

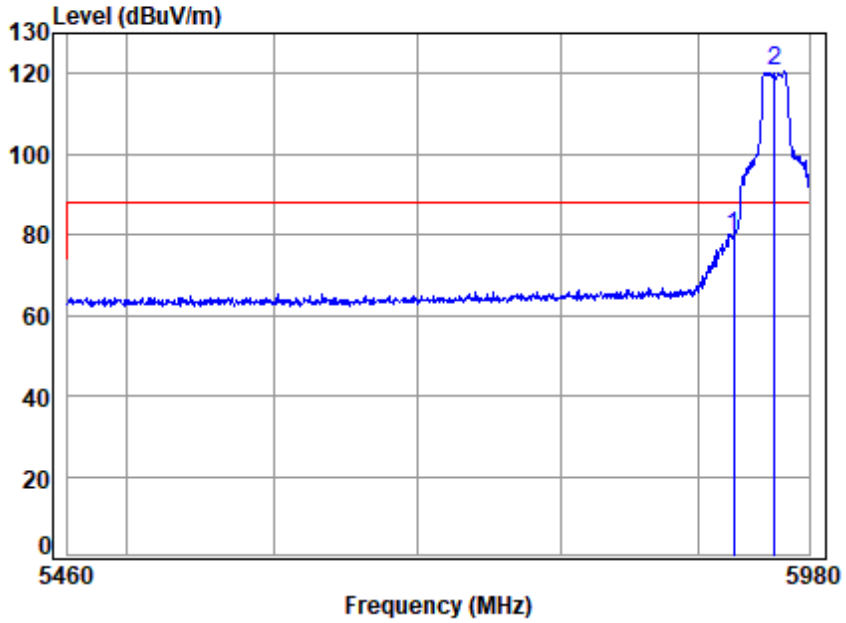
Test Mode: 08; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 5955 Band edge
: 6G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5925.000 | 19.58 | 34.65 | 31.67 | 49.99 | 72.55 | 88.20 | -15.65 | peak |
| 2 p | 5955.000 | 19.60 | 34.72 | 31.68 | 91.79 | 114.43 | 88.20 | 26.23 | peak |

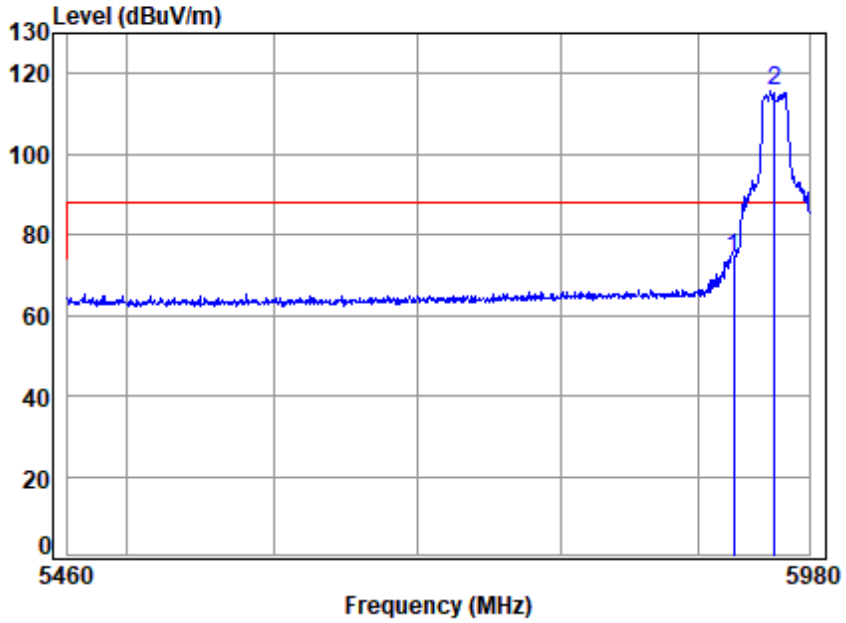
Test Mode: 08; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:Low




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 5955 Band edge
: 6G WIFI 11BE20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5925.000 | 19.58 | 34.65 | 31.67 | 57.10 | 79.66 | 88.20 | -8.54 | peak |
| 2 p | 5955.000 | 19.60 | 34.72 | 31.68 | 97.87 | 120.51 | 88.20 | 32.31 | peak |

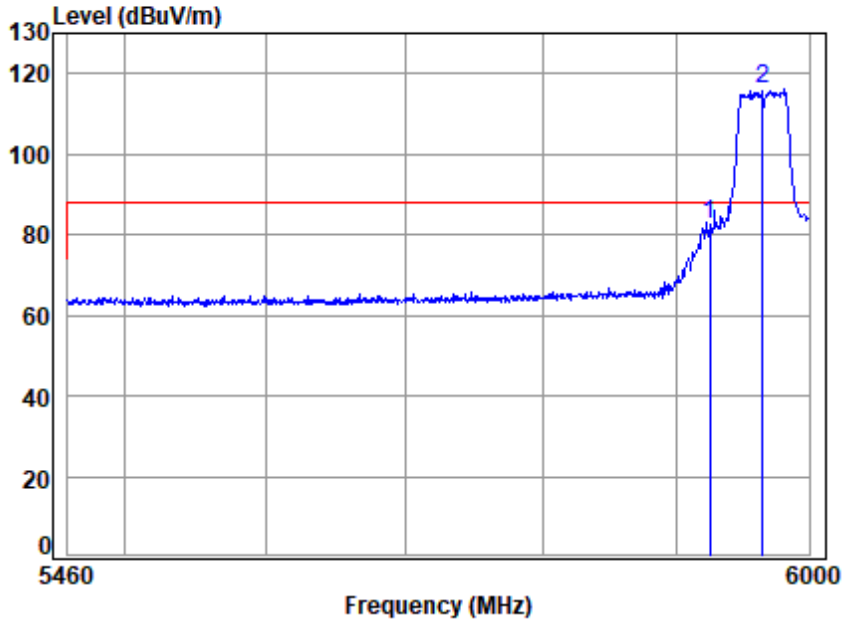
Test Mode: 08; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:Low




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 5955 Band edge
: 6G WIFI 11BE20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5925.000 | 19.58 | 34.65 | 31.67 | 51.58 | 74.14 | 88.20 | -14.06 | peak |
| 2 p | 5955.000 | 19.60 | 34.72 | 31.68 | 93.08 | 115.72 | 88.20 | 27.52 | peak |

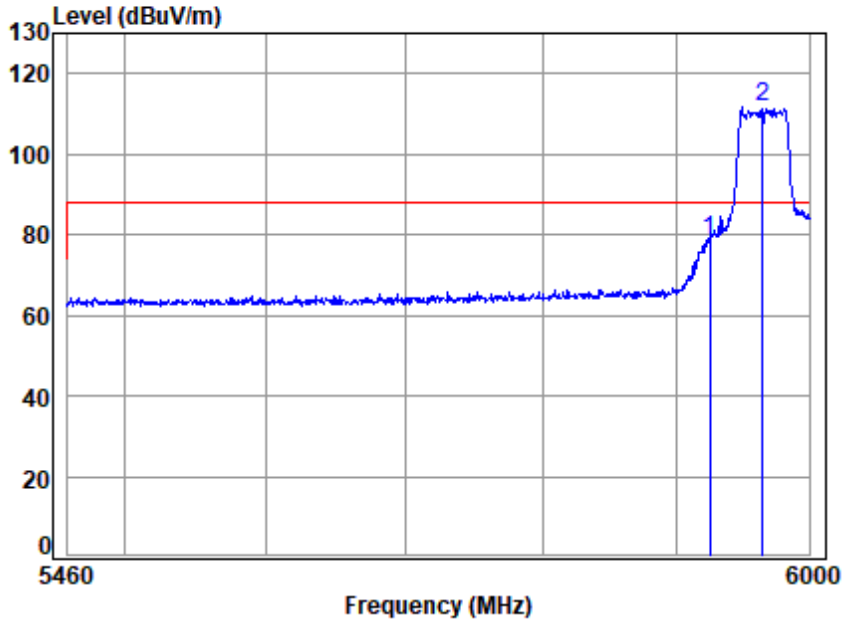
Test Mode: 08; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:Low




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 5965 Band edge
: 6G WIFI 11BE40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5925.000 | 19.58 | 34.65 | 31.67 | 60.17 | 82.73 | 88.20 | -5.47 | peak |
| 2 p | 5965.000 | 19.61 | 34.76 | 31.68 | 93.40 | 116.09 | 88.20 | 27.89 | peak |

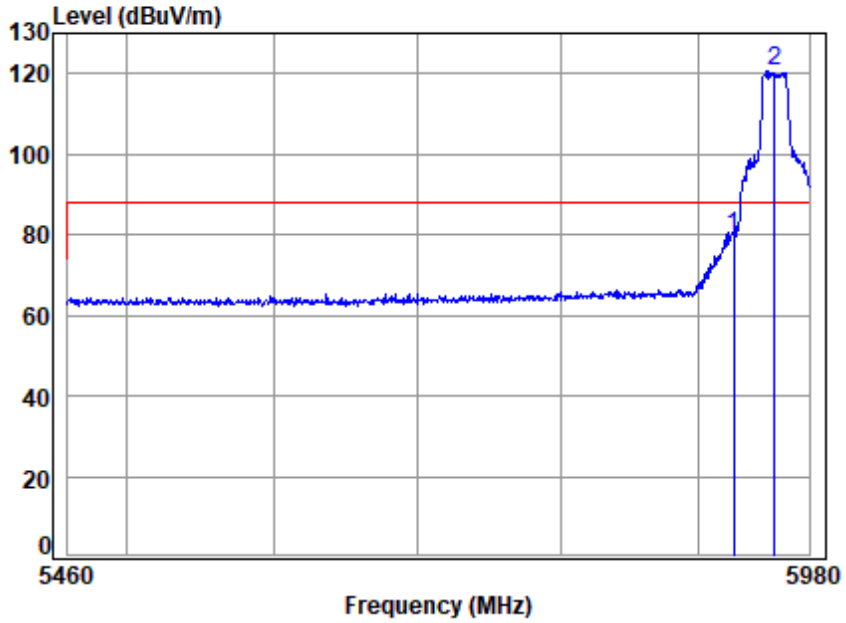
Test Mode: 08; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:Low




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 5965 Band edge
: 6G WIFI 11BE40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5925.000 | 19.58 | 34.65 | 31.67 | 56.24 | 78.80 | 88.20 | -9.40 | peak |
| 2 p | 5965.000 | 19.61 | 34.76 | 31.68 | 88.93 | 111.62 | 88.20 | 23.42 | peak |

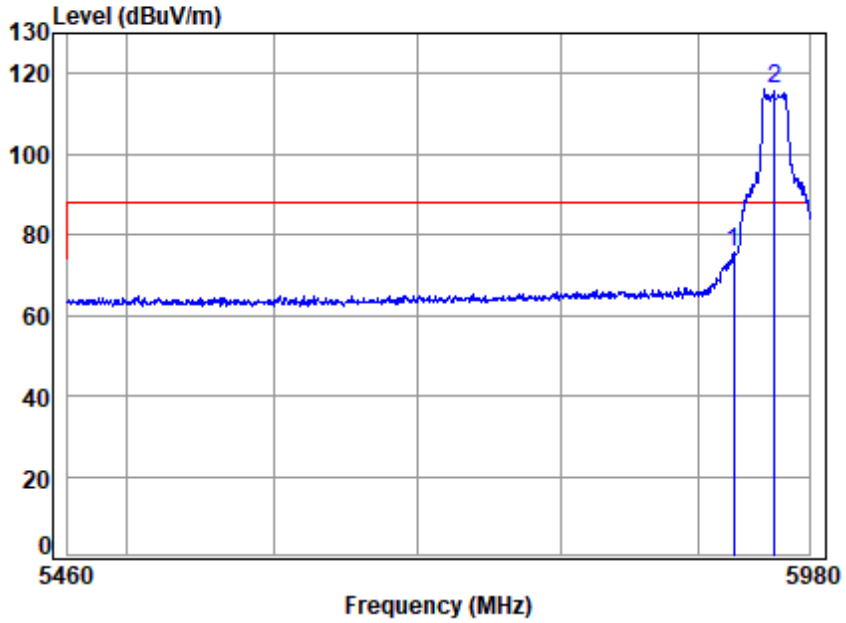
Test Mode: 08; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 5955 Band edge
: 6G WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5925.000 | 19.58 | 34.65 | 31.67 | 57.22 | 79.78 | 88.20 | -8.42 | peak |
| 2 p | 5955.000 | 19.60 | 34.72 | 31.68 | 98.06 | 120.70 | 88.20 | 32.50 | peak |

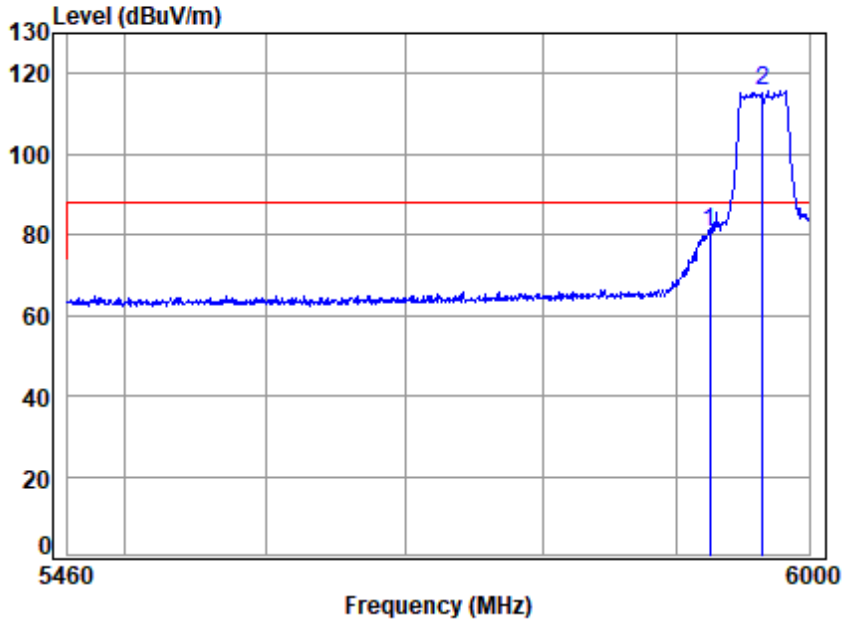
Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 5955 Band edge
: 6G WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5925.000 | 19.58 | 34.65 | 31.67 | 53.28 | 75.84 | 88.20 | -12.36 | peak |
| 2 p | 5955.000 | 19.60 | 34.72 | 31.68 | 93.40 | 116.04 | 88.20 | 27.84 | peak |

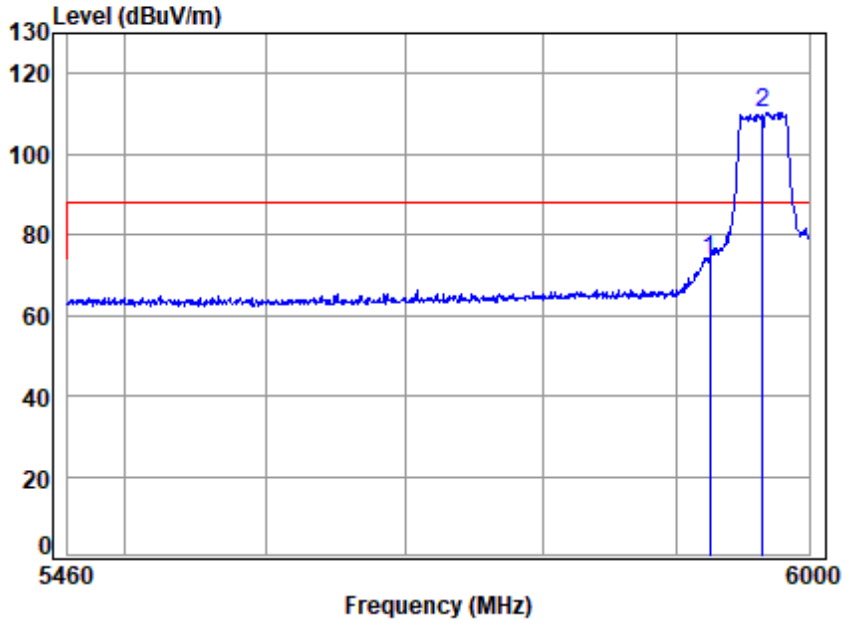
Test Mode: 08; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 5965 Band edge
: 6G WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5925.000 | 19.58 | 34.65 | 31.67 | 58.23 | 80.79 | 88.20 | -7.41 | peak |
| 2 p | 5965.000 | 19.61 | 34.76 | 31.68 | 93.05 | 115.74 | 88.20 | 27.54 | peak |

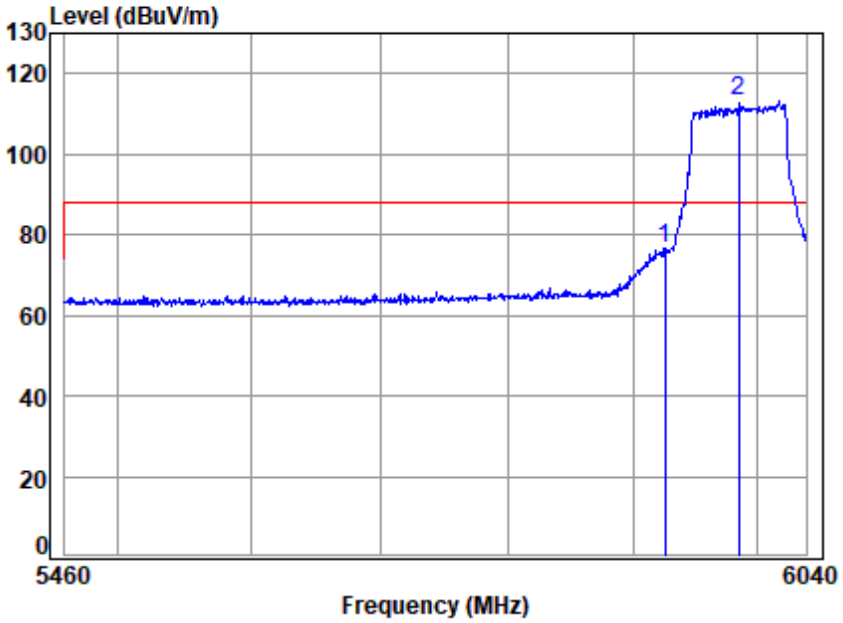
Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:Low




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 5965 Band edge
: 6G WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5925.000 | 19.58 | 34.65 | 31.67 | 51.27 | 73.83 | 88.20 | -14.37 | peak |
| 2 p | 5965.000 | 19.61 | 34.76 | 31.68 | 87.75 | 110.44 | 88.20 | 22.24 | peak |

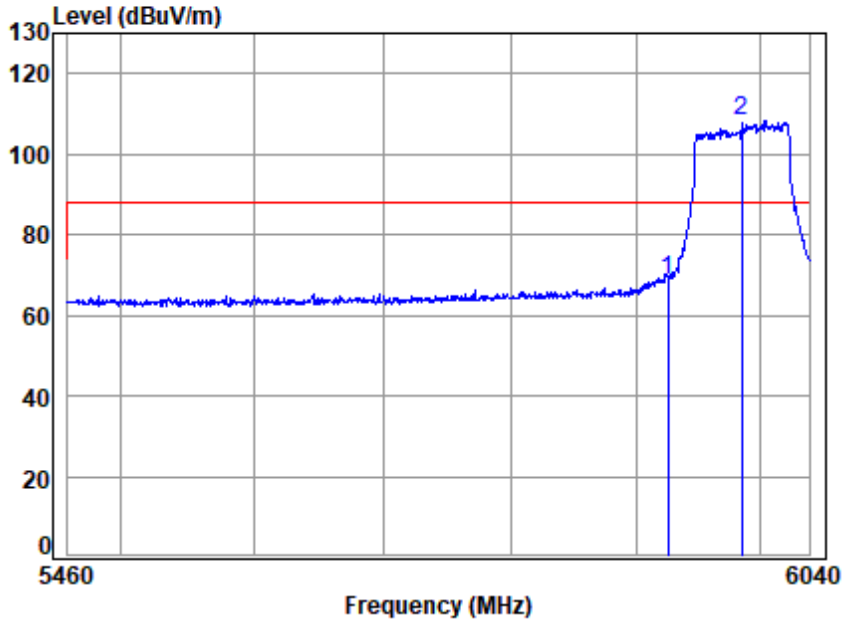
Test Mode: 08; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 5985 Band edge
: 6G WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5925.000 | 19.58 | 34.65 | 31.67 | 53.81 | 76.37 | 88.20 | -11.83 | peak |
| 2 p | 5985.000 | 19.62 | 34.84 | 31.69 | 90.38 | 113.15 | 88.20 | 24.95 | peak |

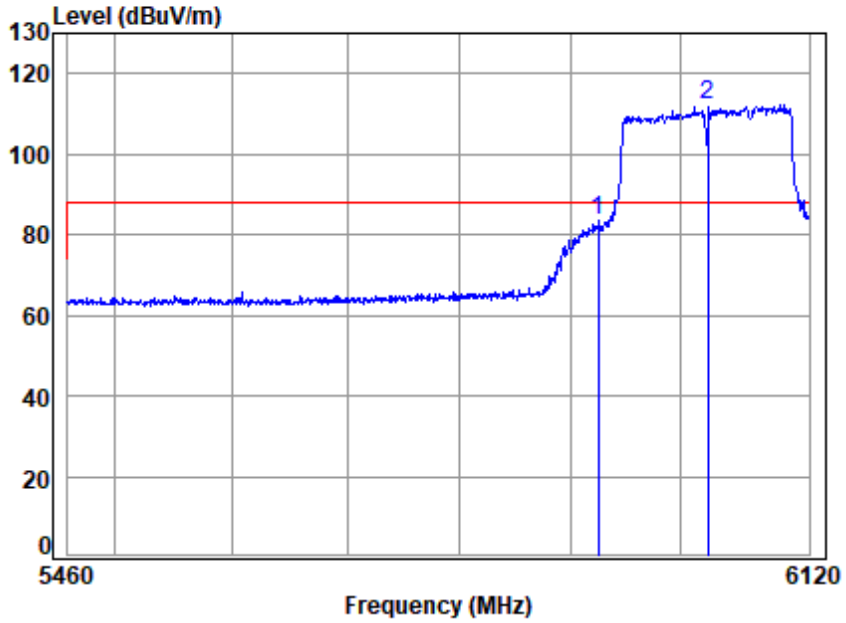
Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:Low




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 5985 Band edge
: 6G WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5925.000 | 19.58 | 34.65 | 31.67 | 46.13 | 68.69 | 88.20 | -19.51 | peak |
| 2 p | 5985.000 | 19.62 | 34.84 | 31.69 | 85.59 | 108.36 | 88.20 | 20.16 | peak |

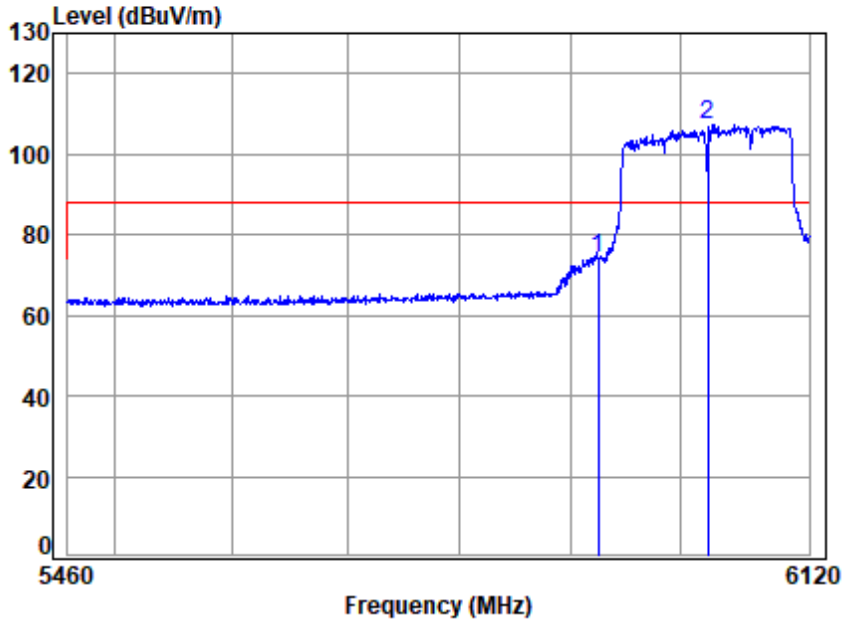
Test Mode: 08; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6025 Band edge
: 6G WIFI 11AX160

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5925.000 | 19.58 | 34.65 | 31.67 | 60.90 | 83.46 | 88.20 | -4.74 | peak |
| 2 p | 6025.000 | 19.65 | 34.95 | 31.67 | 89.06 | 111.99 | 88.20 | 23.79 | peak |

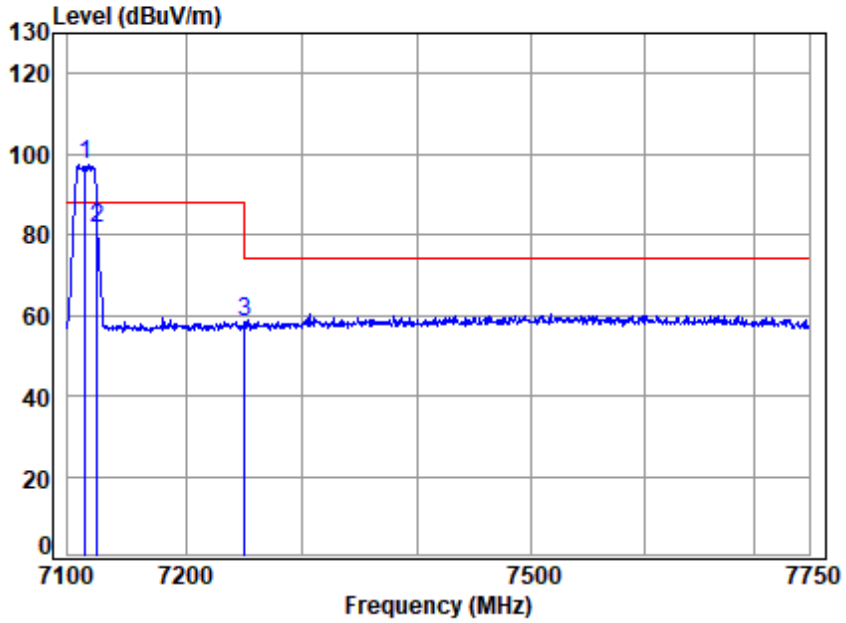
Test Mode: 08; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:Low




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6025 Band edge
: 6G WIFI 11AX160

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5925.000 | 19.58 | 34.65 | 31.67 | 51.69 | 74.25 | 88.20 | -13.95 | peak |
| 2 p | 6025.000 | 19.65 | 34.95 | 31.67 | 84.42 | 107.35 | 88.20 | 19.15 | peak |

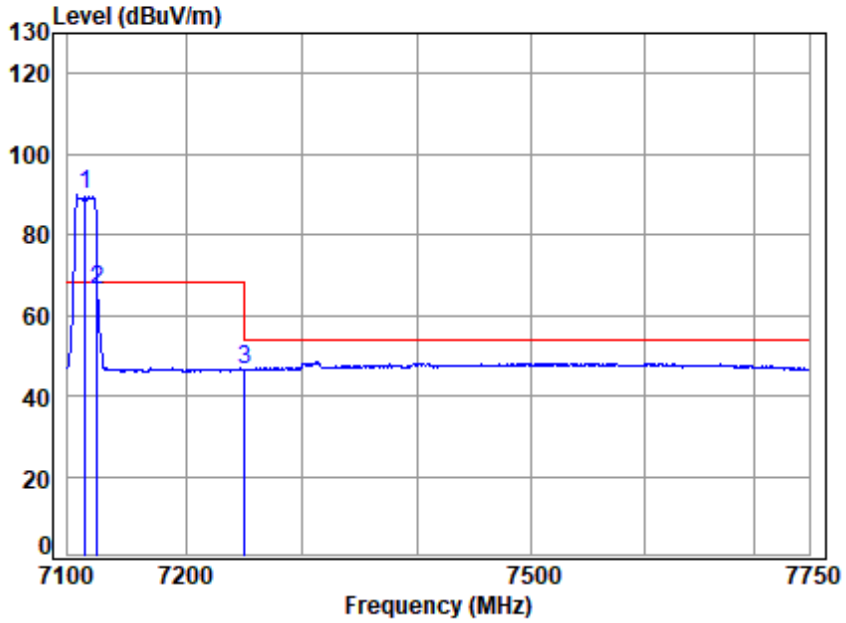
Test Mode: 11; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 7115 Band edge
: 6G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 p | 7115.000 | 19.85 | 35.80 | 30.54 | 72.11 | 97.22 | 88.20 | 9.02 | peak |
| 2 | 7124.921 | 19.85 | 35.80 | 30.53 | 56.61 | 81.73 | 88.20 | -6.47 | peak |
| 3 | 7250.000 | 19.83 | 35.70 | 30.47 | 33.20 | 58.26 | 74.00 | -15.74 | peak |

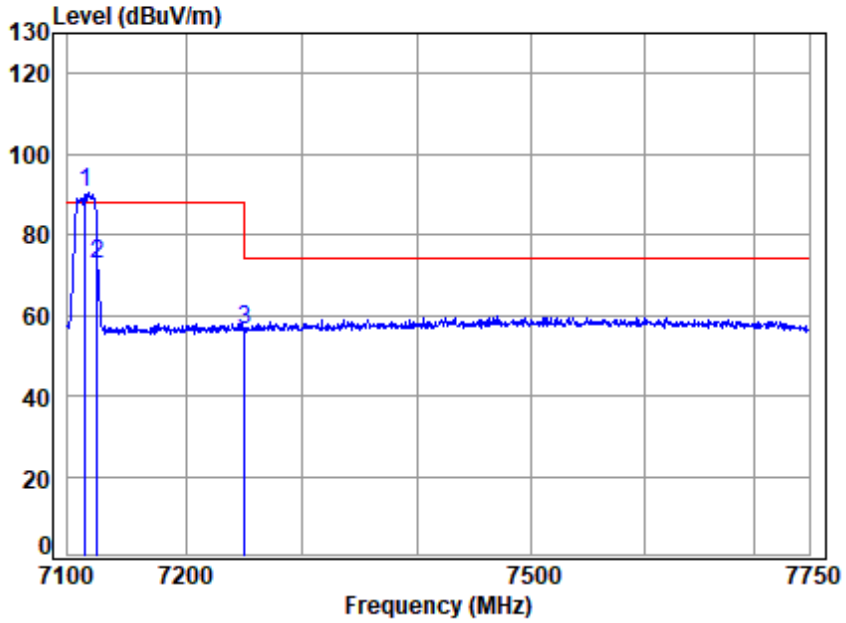
Test Mode: 11; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 7115 Band edge
: 6G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 q | 7115.000 | 19.85 | 35.80 | 30.54 | 64.74 | 89.85 | 68.20 | 21.65 | Average |
| 2 | 7124.921 | 19.85 | 35.80 | 30.53 | 41.29 | 66.41 | 68.20 | -1.79 | Average |
| 3 | 7250.000 | 19.83 | 35.70 | 30.47 | 21.24 | 46.30 | 54.00 | -7.70 | Average |

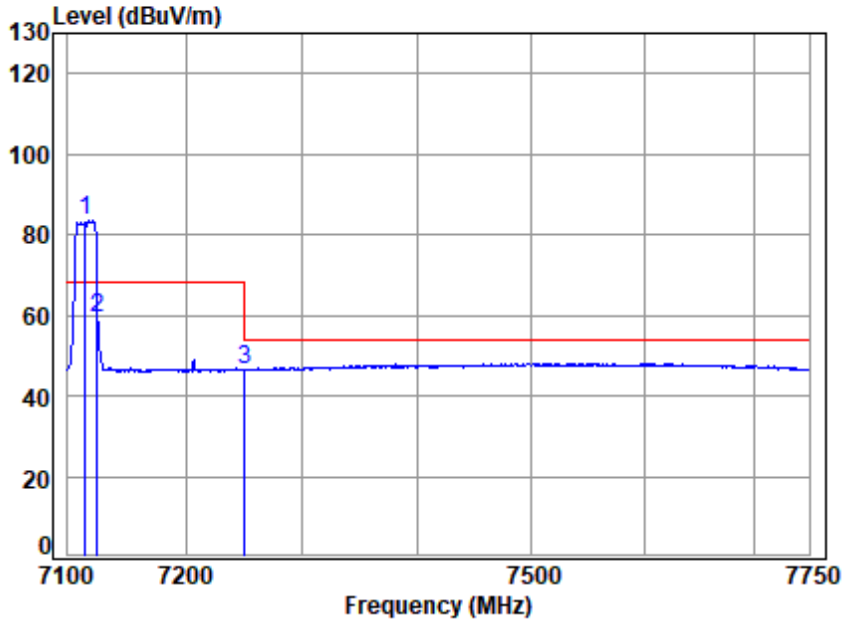
Test Mode: 11; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 7115 Band edge
: 6G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 p | 7115.000 | 19.85 | 35.80 | 30.54 | 65.19 | 90.30 | 88.20 | 2.10 | Peak |
| 2 | 7124.921 | 19.85 | 35.80 | 30.53 | 47.41 | 72.53 | 88.20 | -15.67 | peak |
| 3 | 7250.000 | 19.83 | 35.70 | 30.47 | 31.21 | 56.27 | 74.00 | -17.73 | Peak |

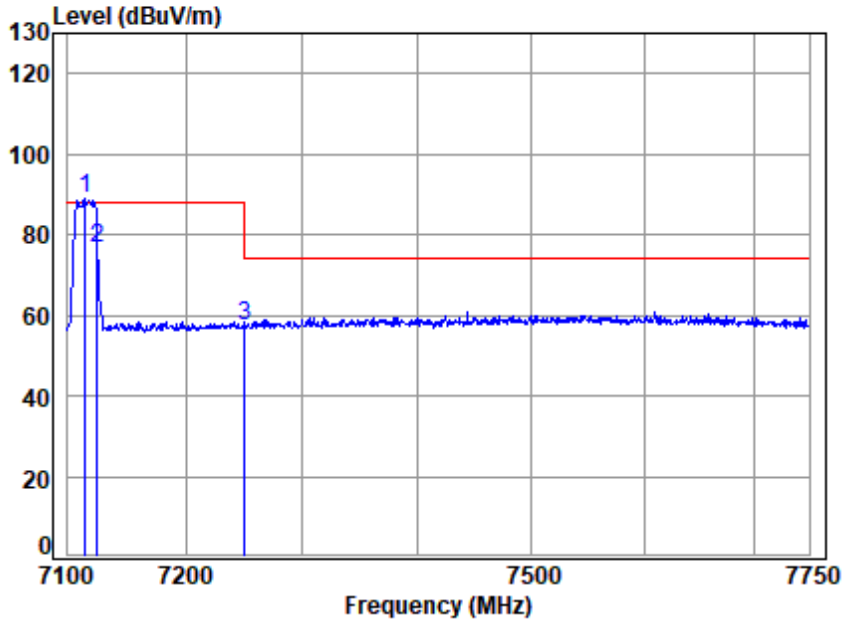
Test Mode: 11; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 7115 Band edge
: 6G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 q | 7115.000 | 19.85 | 35.80 | 30.54 | 58.46 | 83.57 | 68.20 | 15.37 | Average |
| 2 | 7124.921 | 19.85 | 35.80 | 30.53 | 34.43 | 59.55 | 68.20 | -8.65 | Average |
| 3 | 7250.000 | 19.83 | 35.70 | 30.47 | 21.50 | 46.56 | 54.00 | -7.44 | Average |

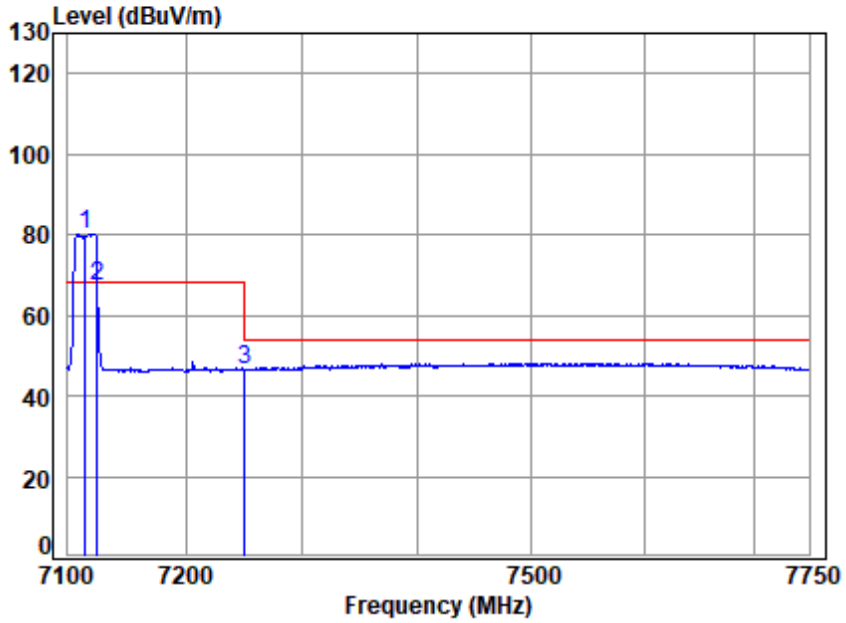
Test Mode: 11; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 7115 Band edge
: 6G WIFI 11BE20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 p | 7115.000 | 19.85 | 35.80 | 30.54 | 63.95 | 89.06 | 88.20 | 0.86 | peak |
| 2 | 7124.921 | 19.85 | 35.80 | 30.53 | 51.54 | 76.66 | 88.20 | -11.54 | peak |
| 3 | 7250.000 | 19.83 | 35.70 | 30.47 | 32.28 | 57.34 | 74.00 | -16.66 | peak |

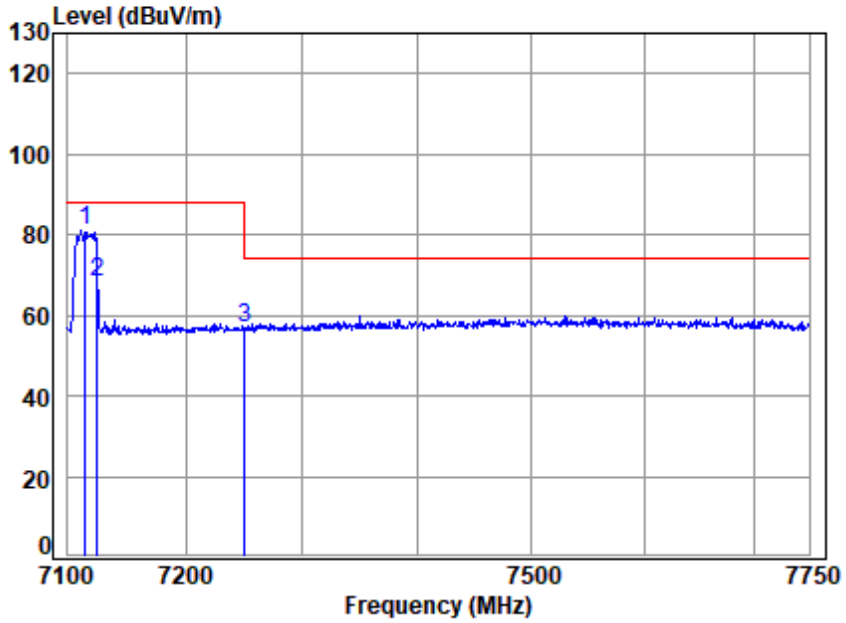
Test Mode: 11; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 7115 Band edge
: 6G WIFI 11BE20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 q | 7115.000 | 19.85 | 35.80 | 30.54 | 55.14 | 80.25 | 68.20 | 12.05 | Average |
| 2 | 7124.921 | 19.85 | 35.80 | 30.53 | 42.10 | 67.22 | 68.20 | -0.98 | Average |
| 3 | 7250.000 | 19.83 | 35.70 | 30.47 | 21.30 | 46.36 | 54.00 | -7.64 | Average |

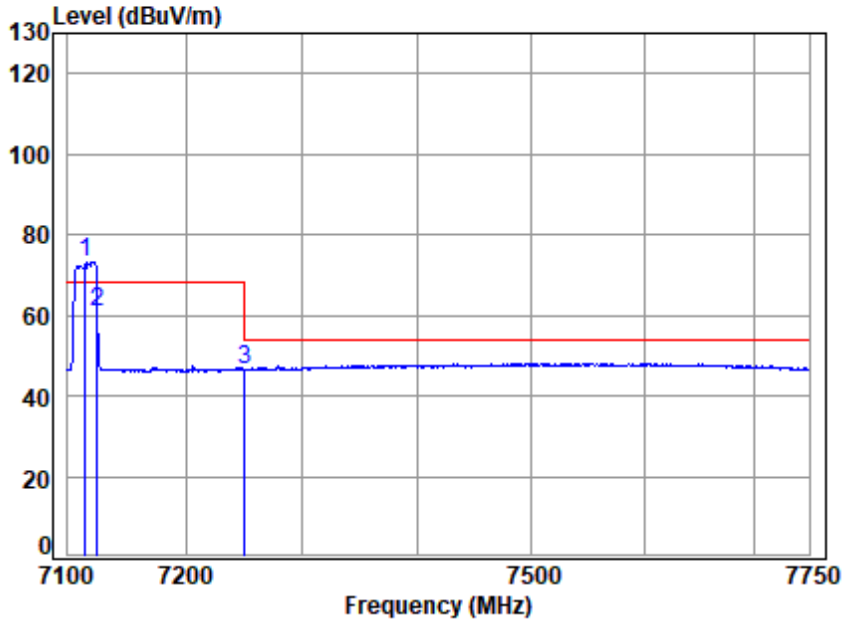
Test Mode: 11; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 7115 Band edge
: 6G WIFI 11BE20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 p | 7115.000 | 19.85 | 35.80 | 30.54 | 56.06 | 81.17 | 88.20 | -7.03 | Peak |
| 2 | 7124.921 | 19.85 | 35.80 | 30.53 | 42.91 | 68.03 | 88.20 | -20.17 | peak |
| 3 | 7250.000 | 19.83 | 35.70 | 30.47 | 31.73 | 56.79 | 74.00 | -17.21 | Peak |

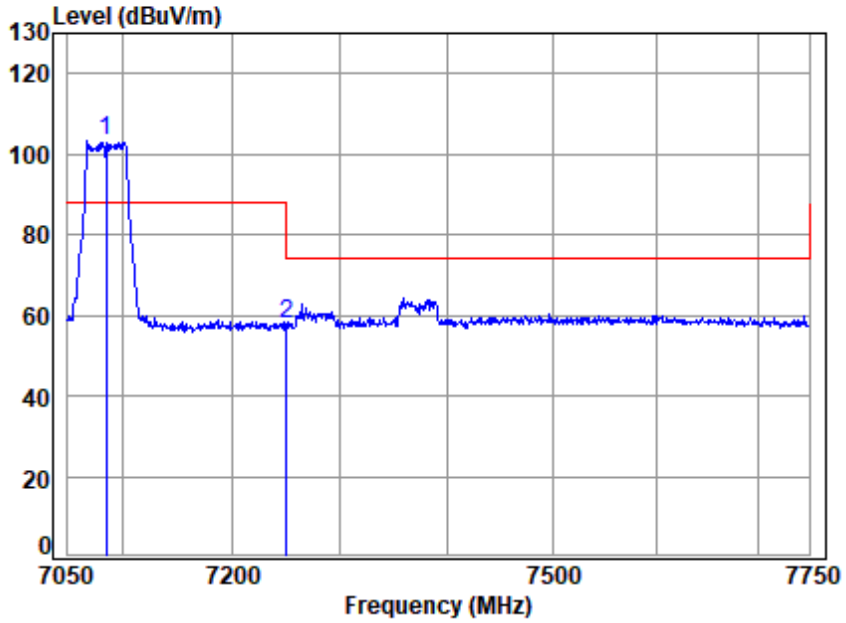
Test Mode: 11; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:20MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 7115 Band edge
: 6G WIFI 11BE20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 q | 7115.000 | 19.85 | 35.80 | 30.54 | 48.08 | 73.19 | 68.20 | 4.99 | Average |
| 2 | 7124.921 | 19.85 | 35.80 | 30.53 | 35.43 | 60.55 | 68.20 | -7.65 | Average |
| 3 | 7250.000 | 19.83 | 35.70 | 30.47 | 21.51 | 46.57 | 54.00 | -7.43 | Average |

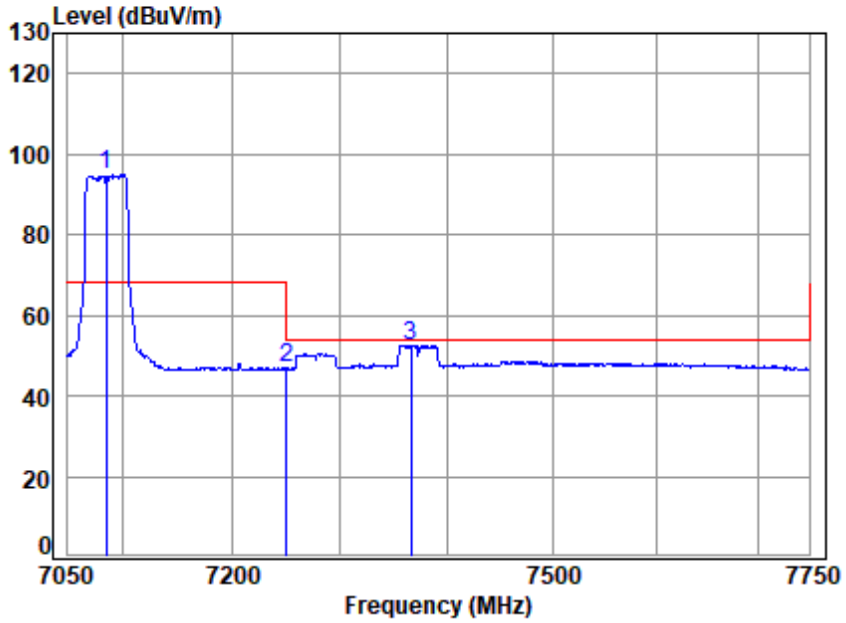
Test Mode: 11; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 7085 Band edge
: 6G WIFI 11BE40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 p | 7085.000 | 19.86 | 35.77 | 30.55 | 78.23 | 103.31 | 88.20 | 15.11 | peak |
| 2 | 7250.000 | 19.83 | 35.70 | 30.47 | 32.66 | 57.72 | 74.00 | -16.28 | peak |

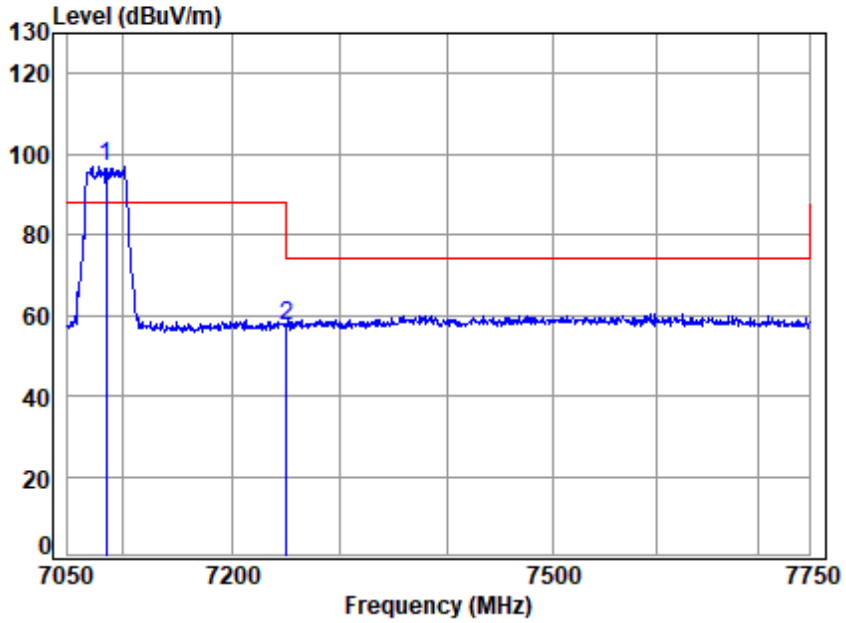
Test Mode: 11; Polarity: Horizontal; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 7085 Band edge
: 6G WIFI 11BE40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 q | 7085.000 | 19.86 | 35.77 | 30.55 | 69.83 | 94.91 | 68.20 | 26.71 | Average |
| 2 | 7250.000 | 19.83 | 35.70 | 30.47 | 21.66 | 46.72 | 54.00 | -7.28 | Average |
| 3 | 7365.874 | 19.81 | 35.73 | 30.41 | 27.49 | 52.62 | 54.00 | -1.38 | Average |

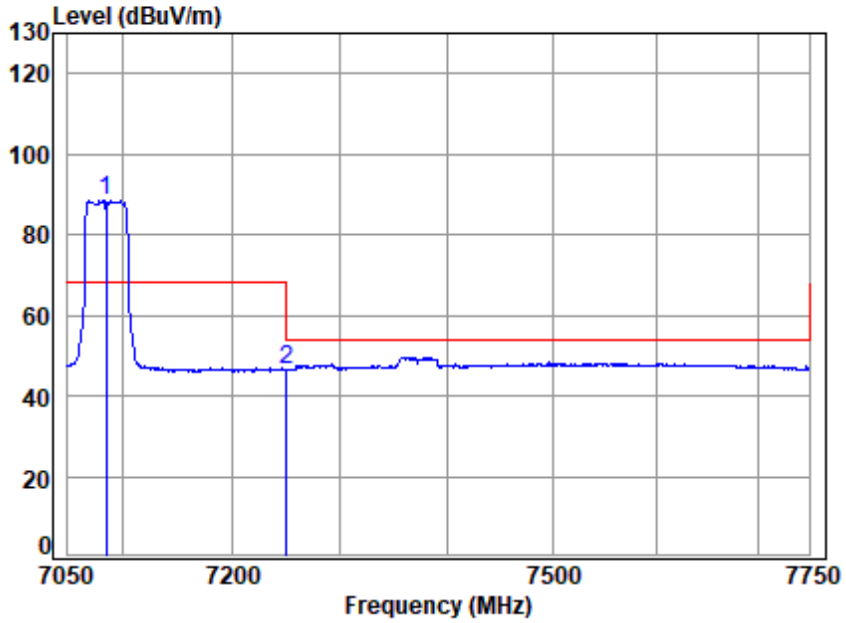
Test Mode: 11; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 7085 Band edge
: 6G WIFI 11BE40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 p | 7085.000 | 19.86 | 35.77 | 30.55 | 71.73 | 96.81 | 88.20 | 8.61 | Peak |
| 2 | 7250.000 | 19.83 | 35.70 | 30.47 | 32.18 | 57.24 | 74.00 | -16.76 | Peak |

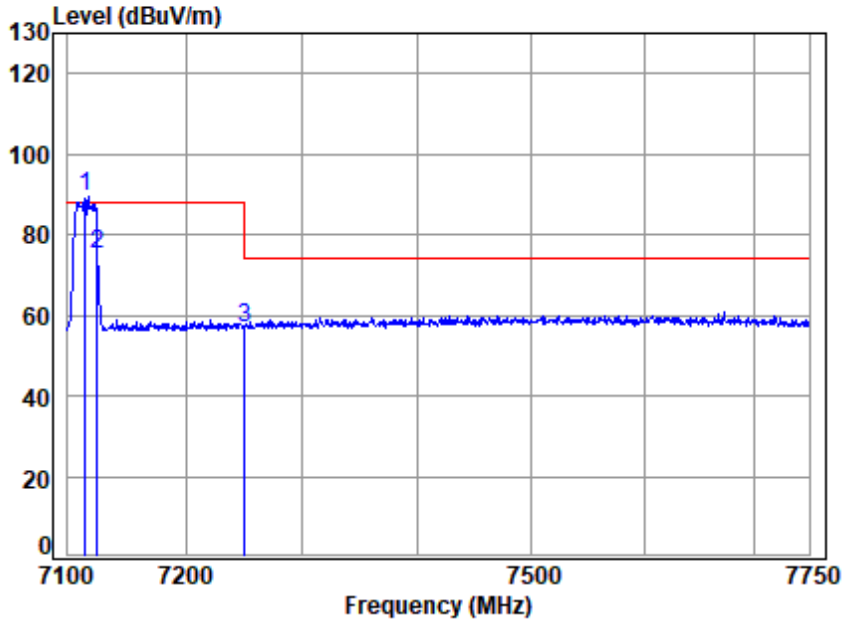
Test Mode: 11; Polarity: Vertical; Modulation:802.11be(Full RU0); Bandwidth:40MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 7085 Band edge
: 6G WIFI 11BE40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 q | 7085.000 | 19.86 | 35.77 | 30.55 | 63.42 | 88.50 | 68.20 | 20.30 | Average |
| 2 | 7250.000 | 19.83 | 35.70 | 30.47 | 21.44 | 46.50 | 54.00 | -7.50 | Average |

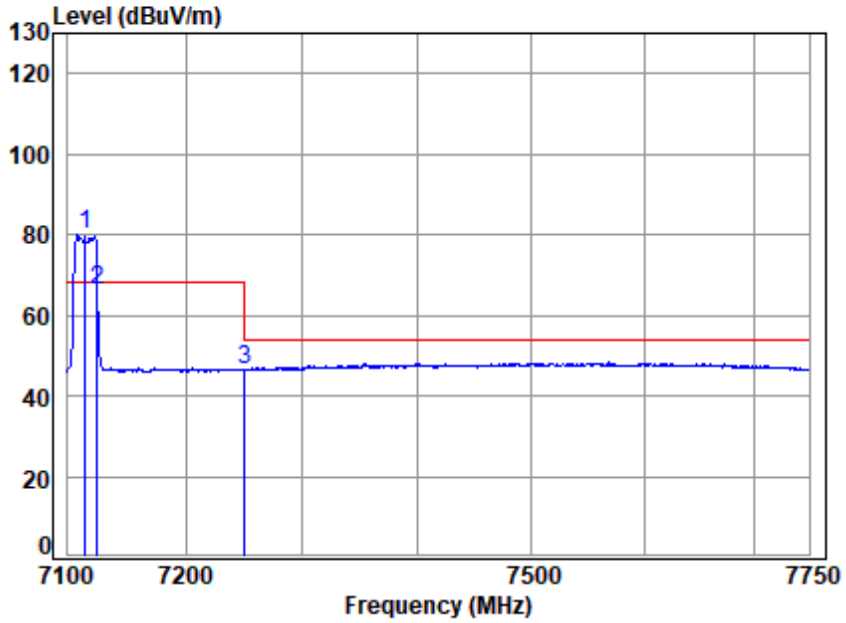
Test Mode: 11; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 7115 Band edge
: 6G WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 p | 7115.000 | 19.85 | 35.80 | 30.54 | 64.17 | 89.28 | 88.20 | 1.08 | peak |
| 2 | 7124.921 | 19.85 | 35.80 | 30.53 | 49.90 | 75.02 | 88.20 | -13.18 | peak |
| 3 | 7250.000 | 19.83 | 35.70 | 30.47 | 31.88 | 56.94 | 74.00 | -17.06 | peak |

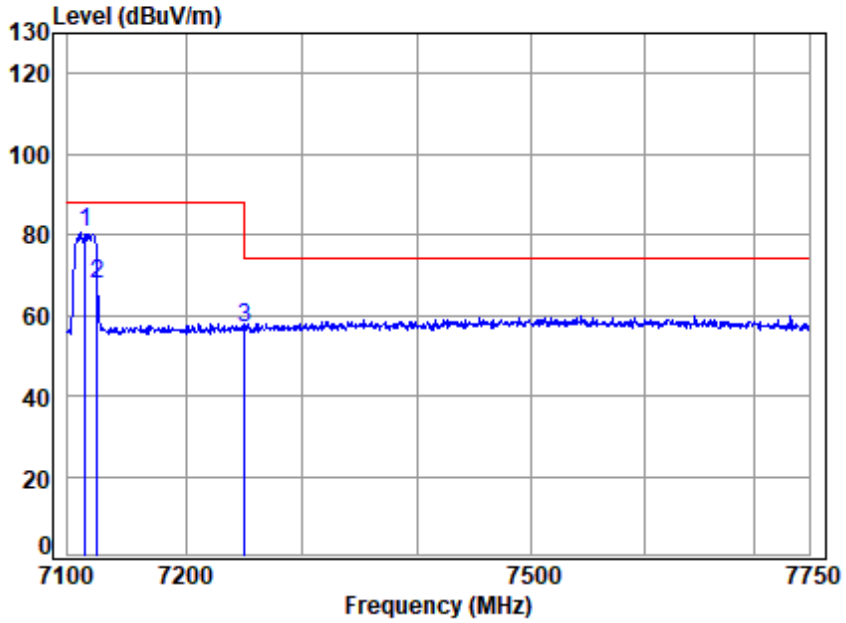
Test Mode: 11; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 7115 Band edge
: 6G WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 q | 7115.000 | 19.85 | 35.80 | 30.54 | 55.01 | 80.12 | 68.20 | 11.92 | Average |
| 2 | 7124.921 | 19.85 | 35.80 | 30.53 | 41.06 | 66.18 | 68.20 | -2.02 | Average |
| 3 | 7250.000 | 19.83 | 35.70 | 30.47 | 21.46 | 46.52 | 54.00 | -7.48 | Average |

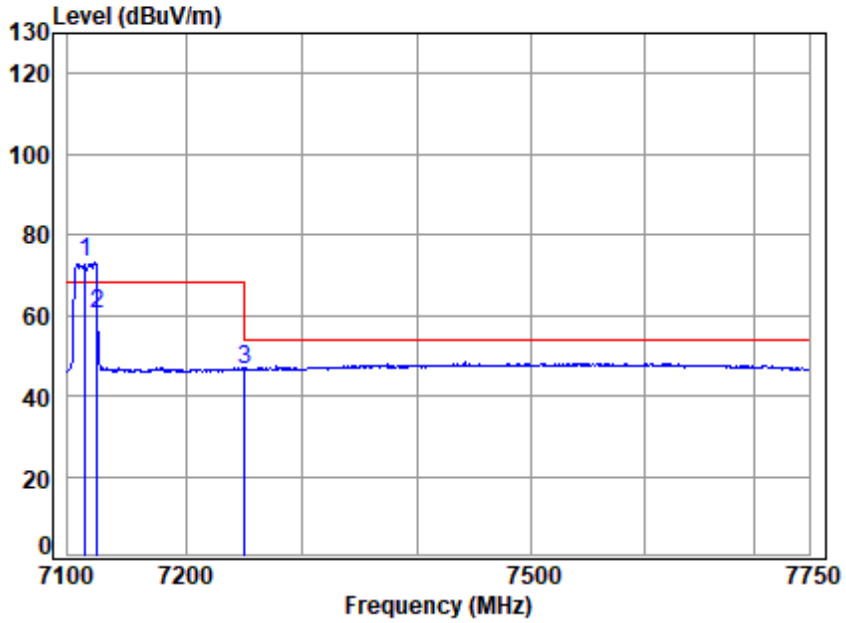
Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 7115 Band edge
: 6G WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 p | 7115.000 | 19.85 | 35.80 | 30.54 | 55.49 | 80.60 | 88.20 | -7.60 | Peak |
| 2 | 7124.921 | 19.85 | 35.80 | 30.53 | 42.65 | 67.77 | 88.20 | -20.43 | peak |
| 3 | 7250.000 | 19.83 | 35.70 | 30.47 | 31.72 | 56.78 | 74.00 | -17.22 | Peak |

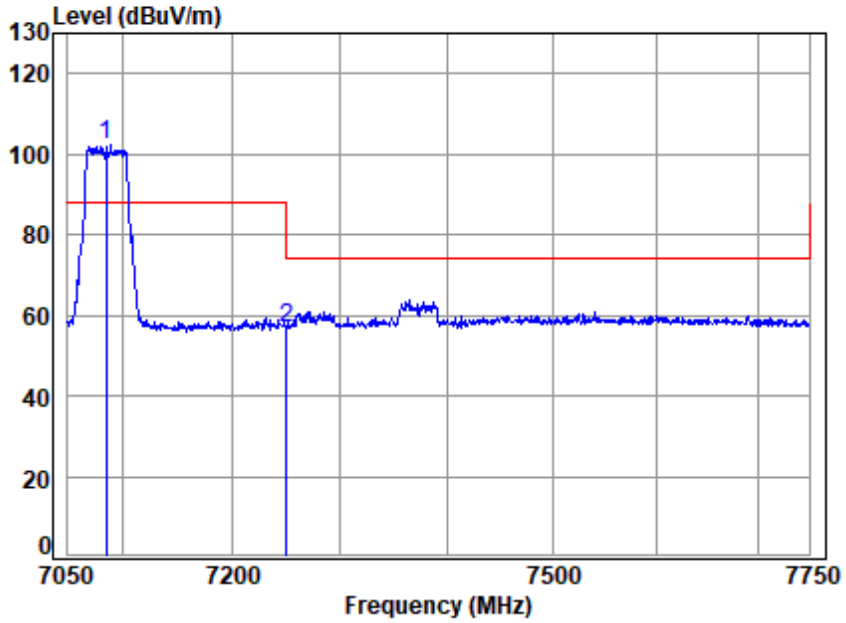
Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 7115 Band edge
: 6G WIFI 11AX20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 q | 7115.000 | 19.85 | 35.80 | 30.54 | 48.03 | 73.14 | 68.20 | 4.94 | Average |
| 2 | 7124.921 | 19.85 | 35.80 | 30.53 | 35.16 | 60.28 | 68.20 | -7.92 | Average |
| 3 | 7250.000 | 19.83 | 35.70 | 30.47 | 21.37 | 46.43 | 54.00 | -7.57 | Average |

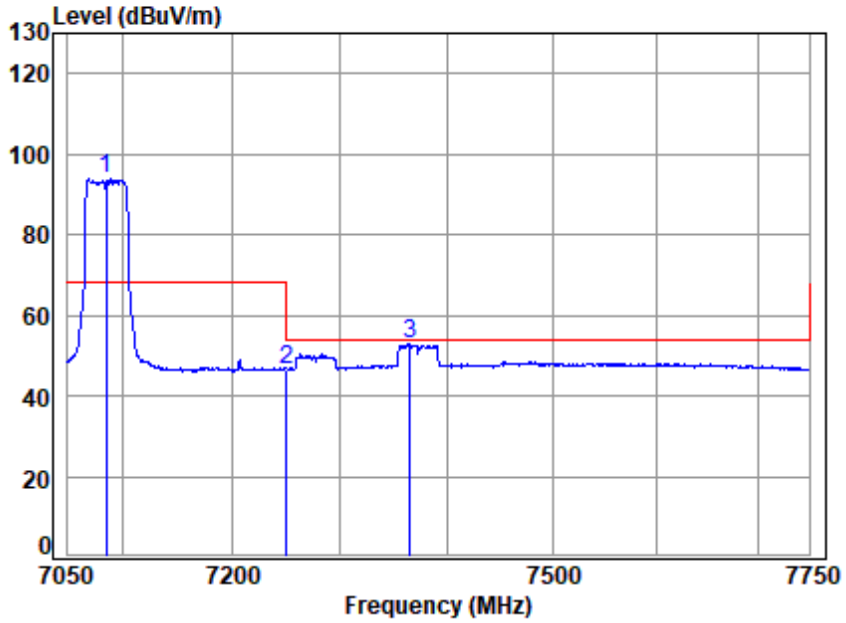
Test Mode: 11; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 7085 Band edge
: 6G WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 p | 7085.000 | 19.86 | 35.77 | 30.55 | 77.45 | 102.53 | 88.20 | 14.33 | peak |
| 2 | 7250.000 | 19.83 | 35.70 | 30.47 | 31.61 | 56.67 | 74.00 | -17.33 | peak |

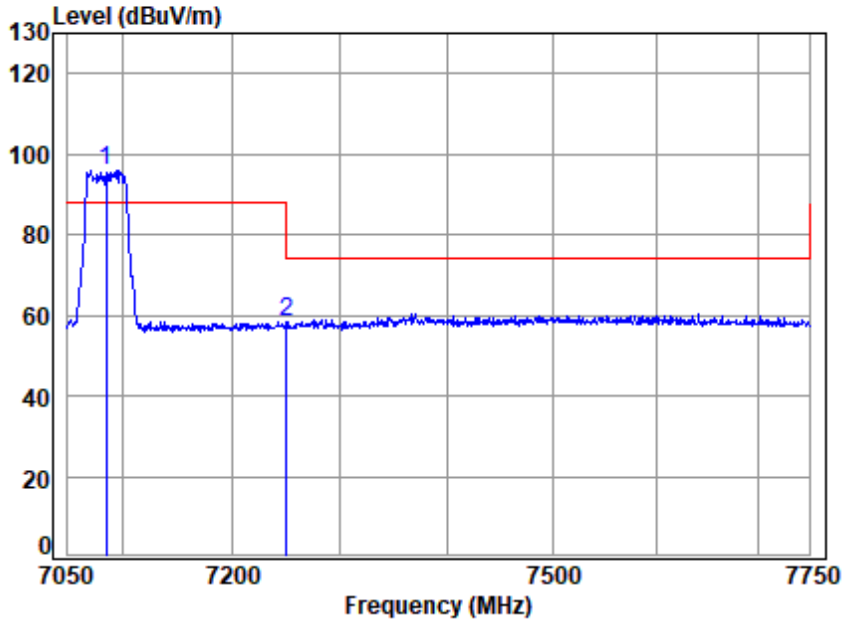
Test Mode: 11; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 7085 Band edge
: 6G WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 q | 7085.000 | 19.86 | 35.77 | 30.55 | 68.93 | 94.01 | 68.20 | 25.81 | Average |
| 2 | 7250.000 | 19.83 | 35.70 | 30.47 | 21.47 | 46.53 | 54.00 | -7.47 | Average |
| 3 | 7365.176 | 19.81 | 35.73 | 30.41 | 27.73 | 52.86 | 54.00 | -1.14 | Average |

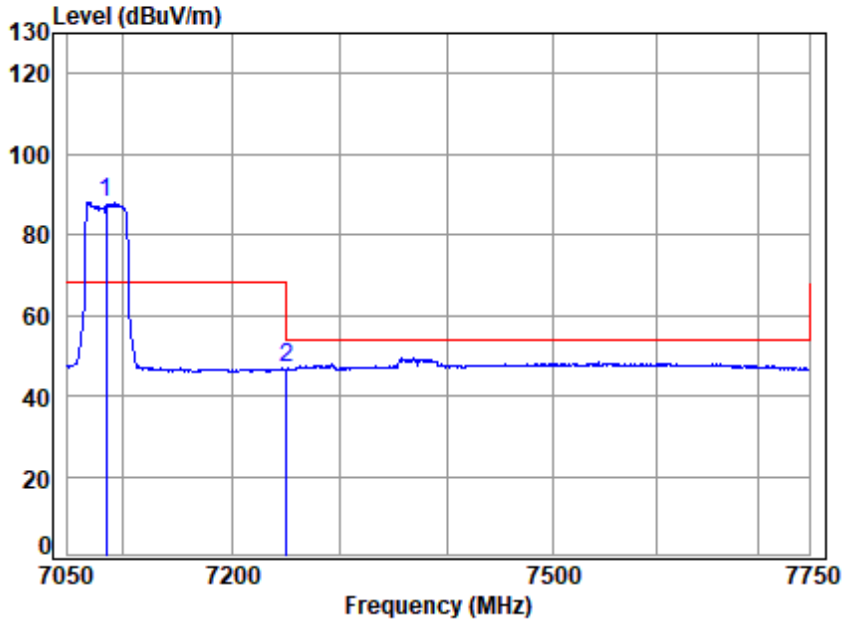
Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 7085 Band edge
: 6G WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 p | 7085.000 | 19.86 | 35.77 | 30.55 | 70.99 | 96.07 | 88.20 | 7.87 | Peak |
| 2 | 7250.000 | 19.83 | 35.70 | 30.47 | 33.08 | 58.14 | 74.00 | -15.86 | Peak |

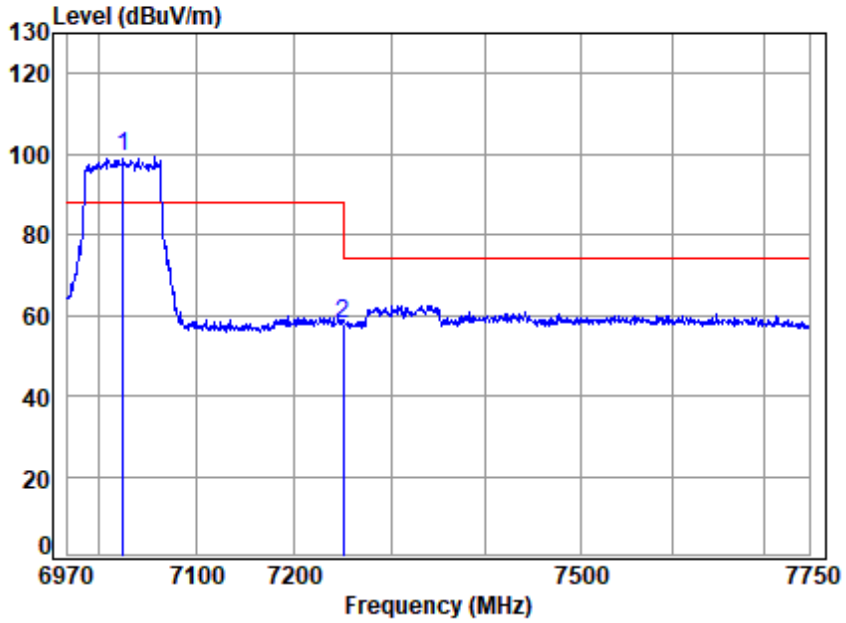
Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 7085 Band edge
: 6G WIFI 11AX40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 q | 7085.000 | 19.86 | 35.77 | 30.55 | 62.86 | 87.94 | 68.20 | 19.74 | Average |
| 2 | 7250.000 | 19.83 | 35.70 | 30.47 | 21.76 | 46.82 | 54.00 | -7.18 | Average |

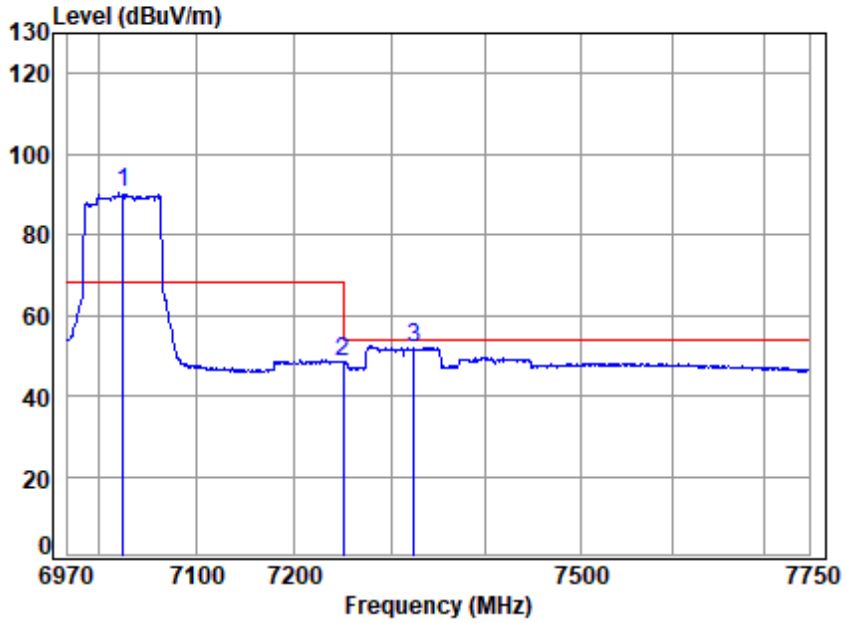
Test Mode: 11; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 7025 Band edge
: 6G WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 p | 7025.000 | 19.87 | 35.70 | 30.59 | 74.27 | 99.25 | 88.20 | 11.05 | peak |
| 2 | 7250.000 | 19.83 | 35.70 | 30.47 | 32.78 | 57.84 | 74.00 | -16.16 | peak |

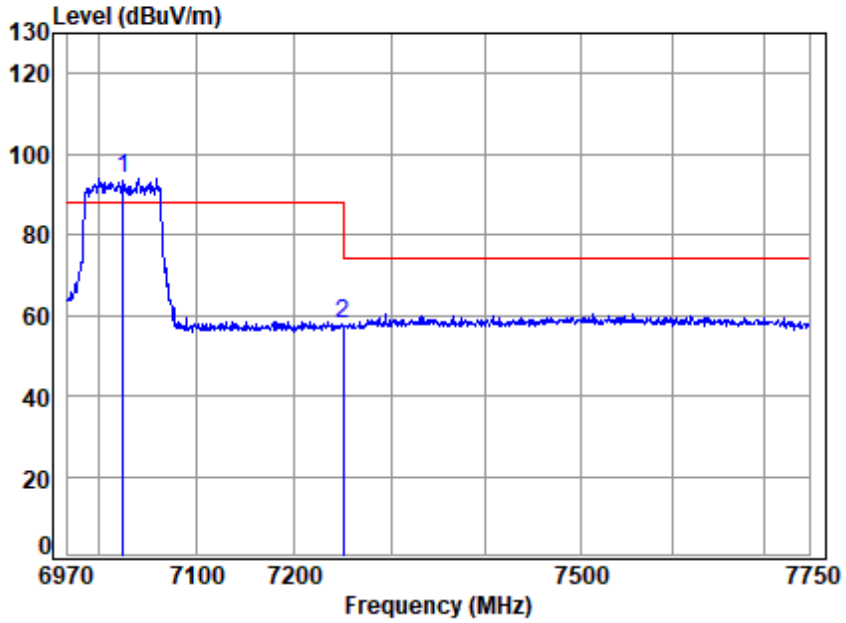
Test Mode: 11; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 7025 Band edge
: 6G WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 q | 7025.000 | 19.87 | 35.70 | 30.59 | 65.23 | 90.21 | 68.20 | 22.01 | Average |
| 2 | 7250.000 | 19.83 | 35.70 | 30.47 | 23.18 | 48.24 | 54.00 | -5.76 | Average |
| 3 | 7323.977 | 19.82 | 35.70 | 30.43 | 26.92 | 52.01 | 54.00 | -1.99 | Average |

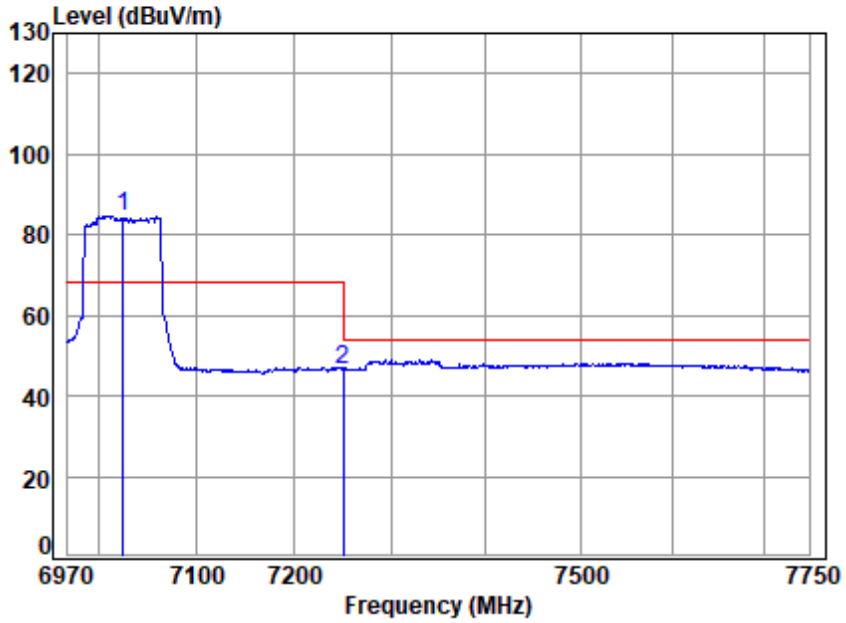
Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 7025 Band edge
: 6G WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 p | 7025.000 | 19.87 | 35.70 | 30.59 | 69.02 | 94.00 | 88.20 | 5.80 | Peak |
| 2 | 7250.000 | 19.83 | 35.70 | 30.47 | 32.81 | 57.87 | 74.00 | -16.13 | Peak |

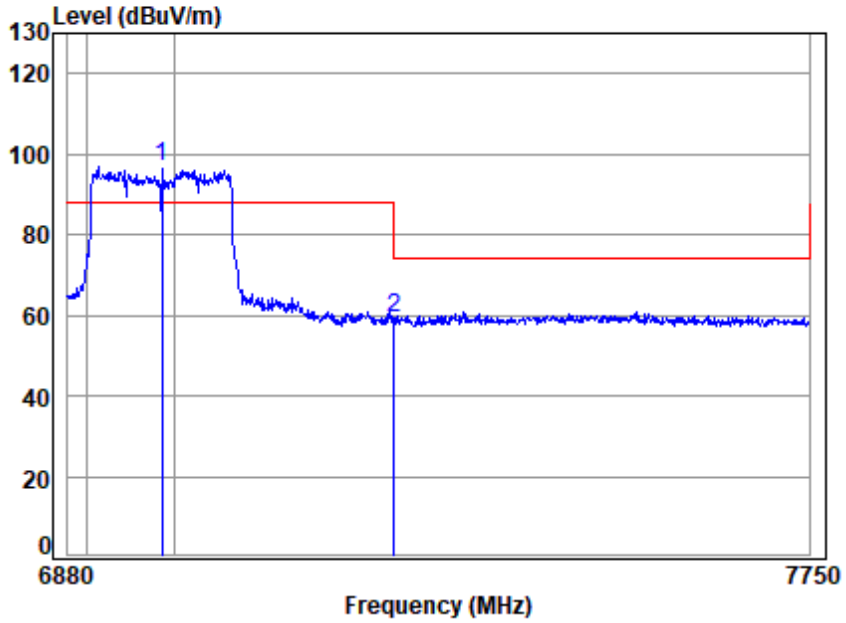
Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 7025 Band edge
: 6G WIFI 11AX80

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 q | 7025.000 | 19.87 | 35.70 | 30.59 | 59.54 | 84.52 | 68.20 | 16.32 | Average |
| 2 | 7250.000 | 19.83 | 35.70 | 30.47 | 21.61 | 46.67 | 54.00 | -7.33 | Average |

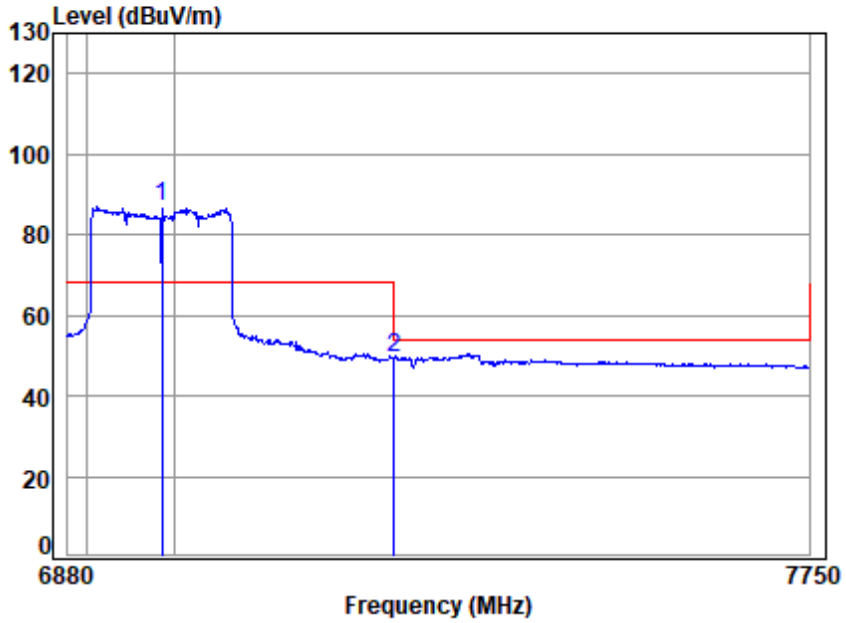
Test Mode: 11; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6985 Band edge
: 6G WIFI 11AX160

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 p | 6985.000 | 19.87 | 35.73 | 30.62 | 71.73 | 96.71 | 88.20 | 8.51 | peak |
| 2 | 7250.000 | 19.83 | 35.70 | 30.47 | 34.24 | 59.30 | 74.00 | -14.70 | peak |

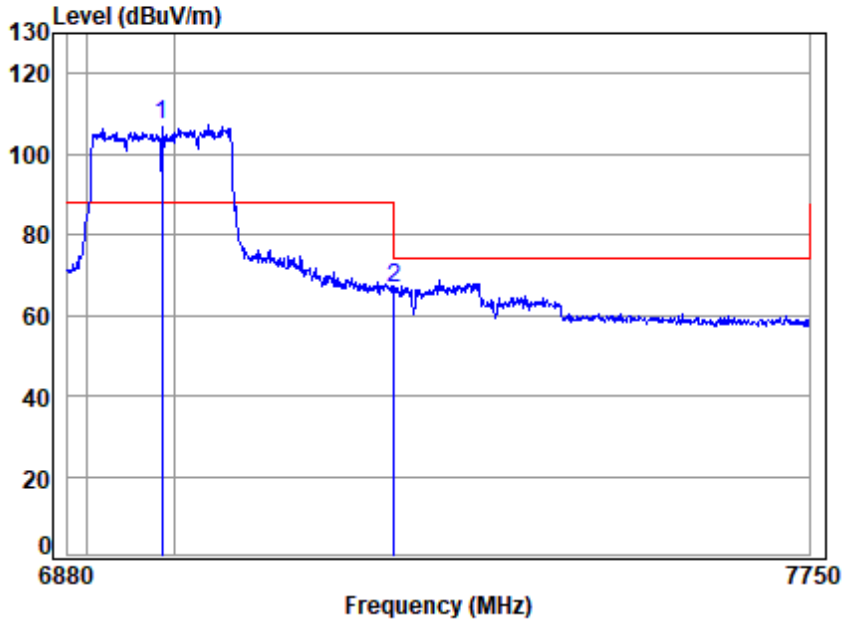
Test Mode: 11; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:High




Site : chamber
Condition: 3m HORIZONTAL
Job No : 00544AT\00545AT
Mode : 6985 Band edge
: 6G WIFI 11AX160

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 q | 6985.000 | 19.87 | 35.73 | 30.62 | 62.16 | 87.14 | 68.20 | 18.94 | Average |
| 2 | 7250.000 | 19.83 | 35.70 | 30.47 | 24.31 | 49.37 | 54.00 | -4.63 | Average |

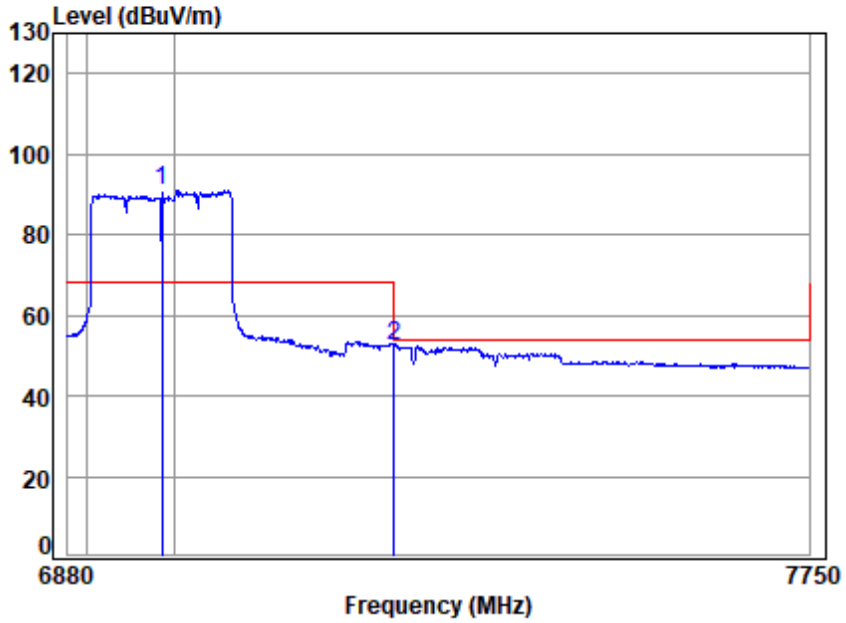
Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6985 Band edge
: 6G WIFI 11AX160

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 p | 6985.000 | 19.87 | 35.73 | 30.62 | 82.42 | 107.40 | 88.20 | 19.20 | Peak |
| 2 | 7250.000 | 19.83 | 35.70 | 30.47 | 41.81 | 66.87 | 74.00 | -7.13 | Peak |

Test Mode: 11; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:160MHz; Channel:High




Site : chamber
Condition: 3m VERTICAL
Job No : 00544AT\00545AT
Mode : 6985 Band edge
: 6G WIFI 11AX160

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 q | 6985.000 | 19.87 | 35.73 | 30.62 | 65.90 | 90.88 | 68.20 | 22.68 | Average |
| 2 | 7250.000 | 19.83 | 35.70 | 30.47 | 27.53 | 52.59 | 54.00 | -1.41 | Average |

## 7.6 In-Band Emissions

Test Requirement 47 CFR Part 15, Subpart E 15.407 (b)

Test Method: ANSI C63.10 (2013) Section 12.5

Limit:

For transmitters operating within the 5.925–7.125 GHz bands: Power spectral density must be suppressed by 20 dB at 1 MHz outside of channel edge, by 28 dB at one channel bandwidth from the channel center, and by 40 dB at one- and one-half times the channel bandwidth away from channel center. At frequencies between one megahertz outside an unlicensed device's channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression, and at frequencies between one and one- and onehalf times an unlicensed device's channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression. Emissions removed from the channel center by more than one- and one-half times the channel bandwidth must be suppressed by at least 40 dB.

### 7.6.1 E.U.T. Operation

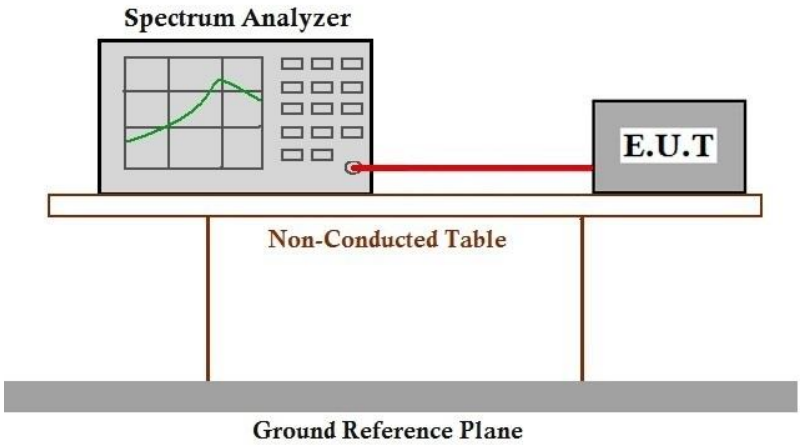
Operating Environment:

Temperature: 22.2 °C Humidity: 47.6 % RH Atmospheric Pressure: 1020 mbar

### 7.6.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 08 | TX mode (U-NII-5) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 09 | TX mode (U-NII-6) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 10 | TX mode (U-NII-7) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 11 | TX mode (U-NII-8) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |

### 7.6.3 Test Setup Diagram




### 7.6.4 Measurement Procedure and Data

Please Refer to Appendix for Details

## 7.7 Contention-based Protocol

Test Requirement 47 CFR Part 15, Subpart E 15.407 (d)(6)
Test Method: KDB 987594 D02

Limit:

Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel (in which incumbent signal is transmitted) and stay off the incumbent channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain. To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty.

### 7.7.1 E.U.T. Operation

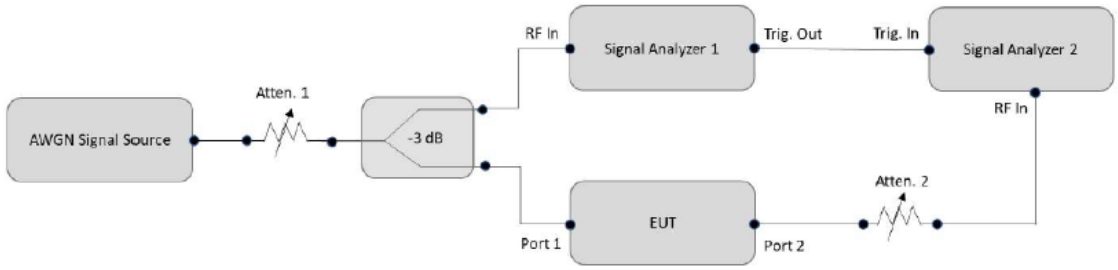
Operating Environment:

Temperature: 22.1 °C Humidity: 40.8 % RH Atmospheric Pressure: 1020 mbar

### 7.7.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 07 | Normal operating_Keep the EUT communication with the companion device. |

### 7.7.3 Test Setup Diagram




### 7.7.4 Measurement Procedure and Data

Please Refer to Appendix for Details

## 7.8 Duty Cycle

Test Requirement ANSI C63.10 (2013) Section 12.2
Test Method: ANSI C63.10 (2013) Section 12.2

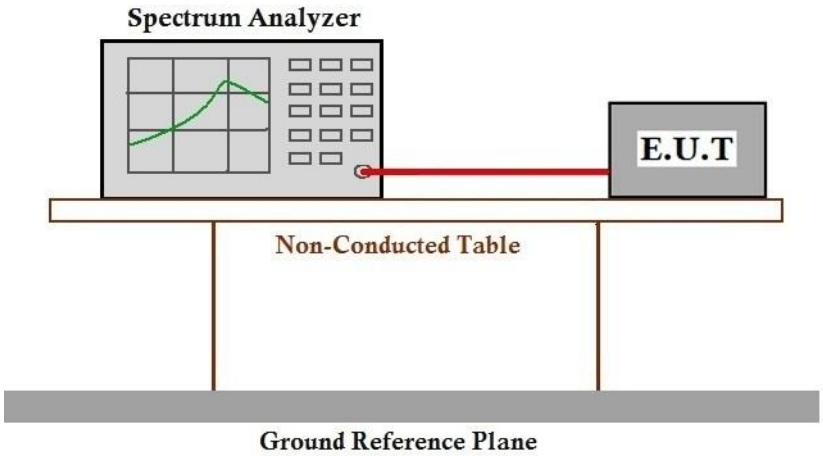
### 7.8.1 E.U.T. Operation

Operating Environment:
Temperature: 22.2 °C Humidity: 47.6 % RH Atmospheric Pressure: 1020 mbar

### 7.8.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 08 | TX mode (U-NII-5) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 09 | TX mode (U-NII-6) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 10 | TX mode (U-NII-7) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 11 | TX mode (U-NII-8) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |

### 7.8.3 Test Setup Diagram




### 7.8.4 Measurement Procedure and Data

Please Refer to Appendix for Details

## 7.9 99% Bandwidth

Test Requirement ANSI C63.10 (2013) Section 12.4.2
Test Method: ANSI C63.10 (2013) Section 12.4.2

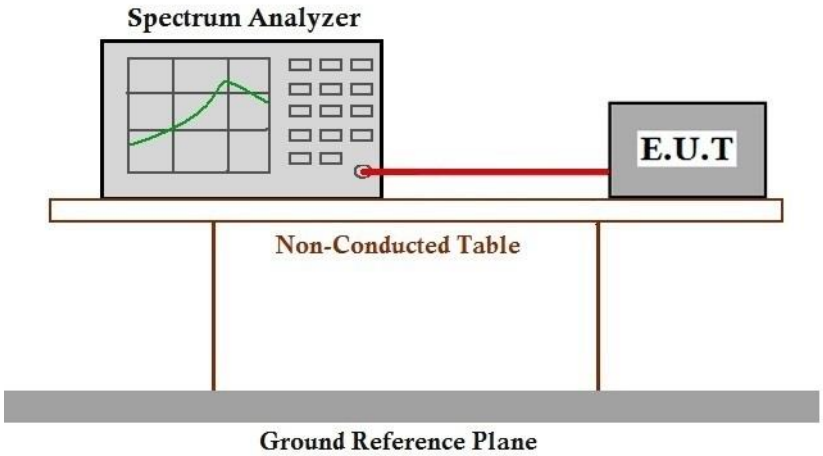
### 7.9.1 E.U.T. Operation

Operating Environment:
Temperature: 22.2 °C Humidity: 47.6 % RH Atmospheric Pressure: 1020 mbar

### 7.9.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 08 | TX mode (U-NII-5) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 09 | TX mode (U-NII-6) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 10 | TX mode (U-NII-7) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 11 | TX mode (U-NII-8) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |

### 7.9.3 Test Setup Diagram




### 7.9.4 Measurement Procedure and Data

Please Refer to Appendix for Details

## 7.10 26dB Emission bandwidth

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)
Test Method: ANSI C63.10 (2013) Section 12.4.1

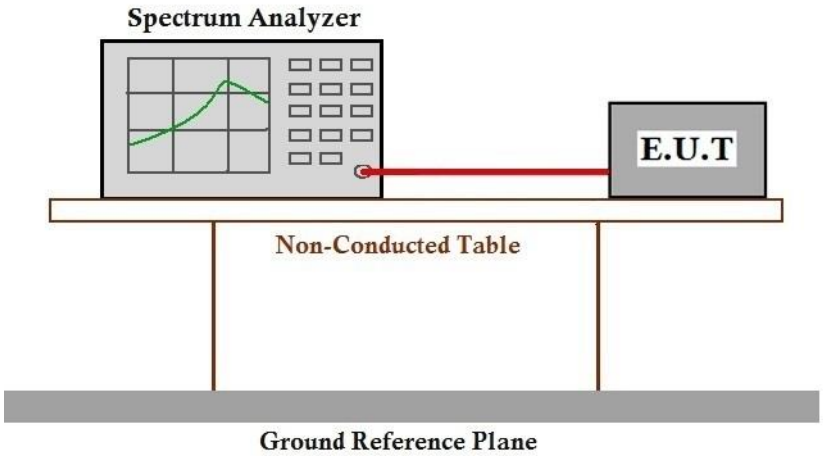
### 7.10.1 E.U.T. Operation

Operating Environment:
Temperature: 22.2 °C Humidity: 47.6 % RH Atmospheric Pressure: 1020 mbar

### 7.10.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 08 | TX mode (U-NII-5) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 09 | TX mode (U-NII-6) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 10 | TX mode (U-NII-7) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 11 | TX mode (U-NII-8) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |

### 7.10.3 Test Setup Diagram




### 7.10.4 Measurement Procedure and Data

Please Refer to Appendix for Details

## 7.11 Peak Power spectrum density

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)

Test Method: ANSI C63.10 (2013) Section 12.5

Limit:

| Device Type | EIRP Limit | EIRP PSD Limit |
|---|---|---|
| LPI AP/Subordinate | ≤30 dBm | ≤5dBm/MHz |
| LP Client Device | ≤24 dBm | ≤-1dBm/MHz |
| Standard Power AP | ≤36 dBm | ≤24dBm/MHz (21dBm for elevation angle greater than 30 degrees above the horizon) |
| Standard Client Device | ≤30 dBm | ≤17dBm/MHz |

### 7.11.1 E.U.T. Operation

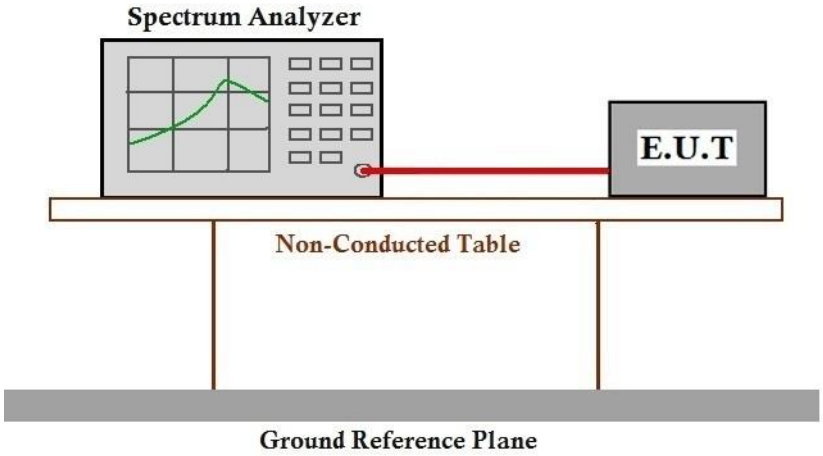
Operating Environment:

Temperature: 22.2 °C Humidity: 47.6 % RH Atmospheric Pressure: 1020 mbar

### 7.11.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 08 | TX mode (U-NII-5) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 09 | TX mode (U-NII-6) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 10 | TX mode (U-NII-7) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 11 | TX mode (U-NII-8) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |

### 7.11.3 Test Setup Diagram




### 7.11.4 Measurement Procedure and Data

Please Refer to Appendix for Details

## 7.12 Frequency Stability

Test Requirement 47 CFR Part 15, Subpart E 15.407 (g)
Test Method: ANSI C63.10 (2013) Section 6.8

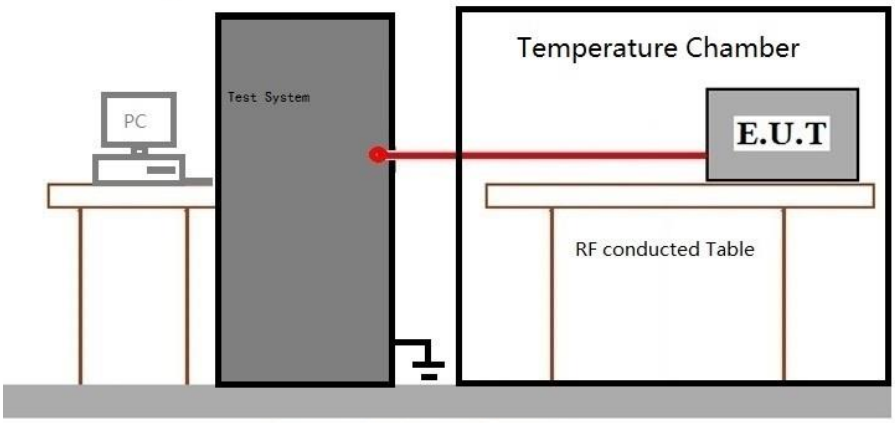
### 7.12.1 E.U.T. Operation

Operating Environment:
Temperature: 22.2 °C Humidity: 47.6 % RH Atmospheric Pressure: 1020 mbar

### 7.12.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 08 | TX mode (U-NII-5) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 09 | TX mode (U-NII-6) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 10 | TX mode (U-NII-7) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |
| Final test | 11 | TX mode (U-NII-8) _Keep the EUT in continuously transmitting mode with all modulation types. Only the data of worst case is recorded in the report. |

### 7.12.3 Test Setup Diagram




### 7.12.4 Measurement Procedure and Data

Please Refer to Appendix for Details

# 8 Test Setup Photo

Refer to Appendix - Test Setup Photo for SZCR2502000544AT

# 9 EUT Constructional Details (EUT Photos)

Refer to Appendix – External and Internal Photos for SZCR2502000544AT

# 10 Appendix

WIFI 7

1. Duty Cycle

1.1 Test Result

1.1.1 Ant1

| Ant1 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ENV | Mode | TX Type | Frequency (MHz) | RU | RU Pos | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| NTNV | 802.11be (EHT20) | MIMO | 5955 | RU242 | Left | 5.452 | 5.634 | 96.77 | 0.14 | 2.21 |
| | | | 6175 | RU242 | Left | 5.452 | 5.616 | 97.08 | 0.13 | 1.90 |
| | | | 6415 | RU242 | Left | 5.452 | 5.644 | 96.60 | 0.15 | 2.06 |
| | 802.11be (EHT40) | MIMO | 5965 | RU484 | Left | 5.454 | 5.626 | 96.94 | 0.13 | 1.72 |
| | | | 6165 | RU484 | Left | 5.454 | 5.644 | 96.63 | 0.15 | 1.71 |
| | | | 6405 | RU484 | Left | 5.454 | 5.634 | 96.81 | 0.14 | 2.18 |
| | 802.11be (EHT80) | MIMO | 5985 | RU996 | Left | 5.454 | 5.634 | 96.81 | 0.14 | 1.86 |
| | | | 6145 | RU996 | Left | 5.468 | 5.644 | 96.88 | 0.14 | 2.03 |
| | | | 6385 | RU996 | Left | 100.000 | 100.000 | 100.00 | 0.00 | 0.00 |
| | 802.11be (EHT160) | MIMO | 6025 | 2xRU996 | Left | 5.444 | 5.636 | 96.59 | 0.15 | 2.25 |
| | | | 6185 | 2xRU996 | Left | 5.444 | 5.618 | 96.90 | 0.14 | 1.76 |
| | | | 6345 | 2xRU996 | Left | 5.460 | 5.634 | 96.91 | 0.14 | 2.33 |
| | 802.11be (EHT320) | MIMO | 6105 | 4xRU996 | Left | 5.458 | 5.638 | 96.81 | 0.14 | 2.03 |
| | | | 6265 | 4xRU996 | Left | 5.456 | 5.472 | 99.71 | 0.01 | 0.00 |

1.1.2 Ant1

| Ant1 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ENV | Mode | TX Type | Frequency (MHz) | RU | RU Pos | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| NTNV | 802.11be (EHT20) | MIMO | 6435 | RU242 | Left | 5.454 | 5.636 | 96.77 | 0.14 | 2.21 |
| | | | 6475 | RU242 | Left | 5.454 | 5.644 | 96.63 | 0.15 | 2.35 |
| | | | 6515 | RU242 | Left | 5.452 | 5.626 | 96.91 | 0.14 | 1.12 |
| | 802.11be (EHT40) | MIMO | 6445 | RU484 | Left | 5.452 | 5.644 | 96.60 | 0.15 | 2.24 |
| | | | 6485 | RU484 | Left | 5.452 | 5.624 | 96.94 | 0.13 | 2.08 |
| | 802.11be (EHT80) | MIMO | 6465 | RU996 | Left | 5.452 | 5.626 | 96.91 | 0.14 | 2.08 |

1.1.3 Ant1

| Ant1 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ENV | Mode | TX Type | Frequency (MHz) | RU | RU Pos | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| NTNV | 802.11be (EHT20) | MIMO | 6535 | RU242 | Left | 5.452 | 5.634 | 96.77 | 0.14 | 1.89 |
| | | | 6695 | RU242 | Left | 5.454 | 5.644 | 96.63 | 0.15 | 1.53 |
| | | | 6855 | RU242 | Left | 5.452 | 5.634 | 96.77 | 0.14 | 2.21 |
| | 802.11be (EHT40) | MIMO | 6565 | RU484 | Left | 5.454 | 5.644 | 96.63 | 0.15 | 2.39 |
| | | | 6685 | RU484 | Left | 5.452 | 5.642 | 96.63 | 0.15 | 2.21 |
| | | | 6845 | RU484 | Left | 5.452 | 5.642 | 96.63 | 0.15 | 2.35 |
| | 802.11be (EHT80) | MIMO | 6625 | RU996 | Left | 5.452 | 5.642 | 96.63 | 0.15 | 2.21 |
| | | | 6705 | RU996 | Left | 5.454 | 5.626 | 96.94 | 0.13 | 2.08 |
| | | | 6785 | RU996 | Left | 5.466 | 5.632 | 97.05 | 0.13 | 1.43 |
| | 802.11be (EHT160) | MIMO | 6665 | 2xRU996 | Left | 5.444 | 5.636 | 96.59 | 0.15 | 2.07 |

1.1.4 Ant1

| Ant1 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ENV | Mode | TX Type | Frequency (MHz) | RU | RU Pos | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| NTNV | 802.11be (EHT20) | MIMO | 6895 | RU242 | Left | 5.452 | 5.634 | 96.77 | 0.14 | 2.21 |
| | | | 6995 | RU242 | Left | 5.453 | 5.617 | 97.08 | 0.13 | 1.77 |
| | | | 7115 | RU242 | Left | 5.453 | 5.645 | 96.60 | 0.15 | 2.24 |
| | 802.11be (EHT40) | MIMO | 6925 | RU484 | Left | 5.452 | 5.624 | 96.94 | 0.13 | 2.04 |
| | | | 7005 | RU484 | Left | 5.452 | 5.616 | 97.08 | 0.13 | 1.72 |
| | | | 7085 | RU484 | Left | 5.452 | 5.642 | 96.63 | 0.15 | 2.35 |
| | 802.11be (EHT80) | MIMO | 6945 | RU996 | Left | 5.452 | 5.626 | 96.91 | 0.14 | 2.08 |
| | | | 7025 | RU996 | Left | 5.452 | 5.634 | 96.77 | 0.14 | 2.21 |
| | 802.11be (EHT160) | MIMO | 6985 | 2xRU996 | Left | 5.444 | 5.618 | 96.90 | 0.14 | 1.94 |

1.1.5 Ant1

| Ant1 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ENV | Mode | TX Type | Frequency (MHz) | RU | RU Pos | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| NTNV | 802.11be (EHT20) | MIMO | 6875 | RU242 | Left | 5.452 | 5.468 | 99.71 | 0.01 | 0.00 |
| | 802.11be (EHT40) | MIMO | 6885 | RU484 | Left | 5.452 | 5.656 | 96.39 | 0.16 | 2.38 |
| | 802.11be (EHT80) | MIMO | 6865 | RU996 | Left | 5.452 | 5.646 | 96.56 | 0.15 | 1.88 |
| | 802.11be (EHT160) | MIMO | 6825 | 2xRU996 | Left | 5.454 | 5.644 | 96.63 | 0.15 | 2.35 |
| | 802.11be (EHT320) | MIMO | 6745 | 4xRU996 | Left | 5.456 | 5.648 | 96.60 | 0.15 | 2.38 |
| | | | 6905 | 4xRU996 | Left | 5.456 | 5.630 | 96.91 | 0.14 | 1.75 |

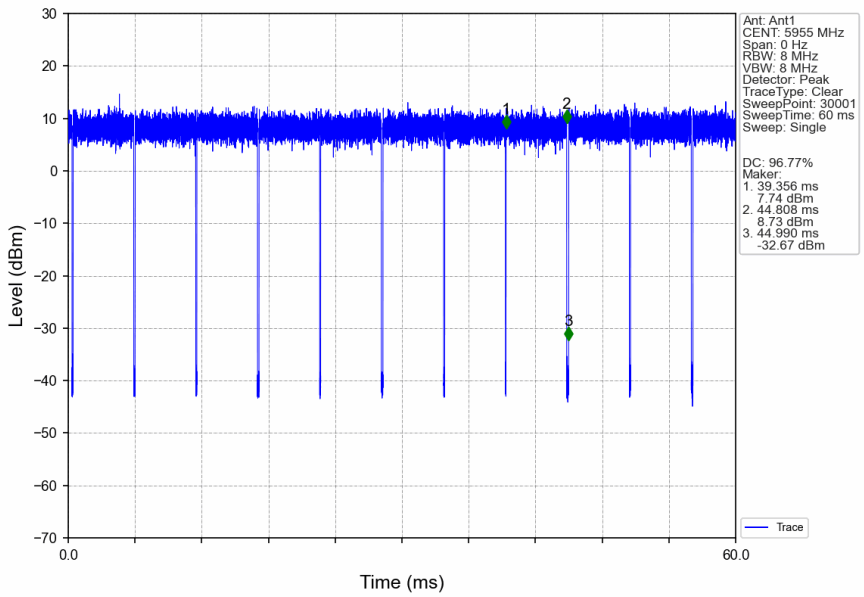
1.1.6 Ant1

| Ant1 | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| ENV | Mode | TX Type | Frequency (MHz) | RU | RU Pos | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| NTNV | 802.11be (EHT40) | MIMO | 6525 | RU484 | Left | 5.452 | 5.642 | 96.63 | 0.15 | 2.07 |
| | 802.11be (EHT80) | MIMO | 6545 | RU996 | Left | 5.452 | 5.624 | 96.94 | 0.13 | 2.04 |
| | 802.11be (EHT160) | MIMO | 6505 | 2xRU996 | Left | 5.452 | 5.644 | 96.60 | 0.15 | 2.21 |
| | 802.11be (EHT320) | MIMO | 6585 | 4xRU996 | Left | 5.456 | 5.646 | 96.63 | 0.15 | 2.06 |

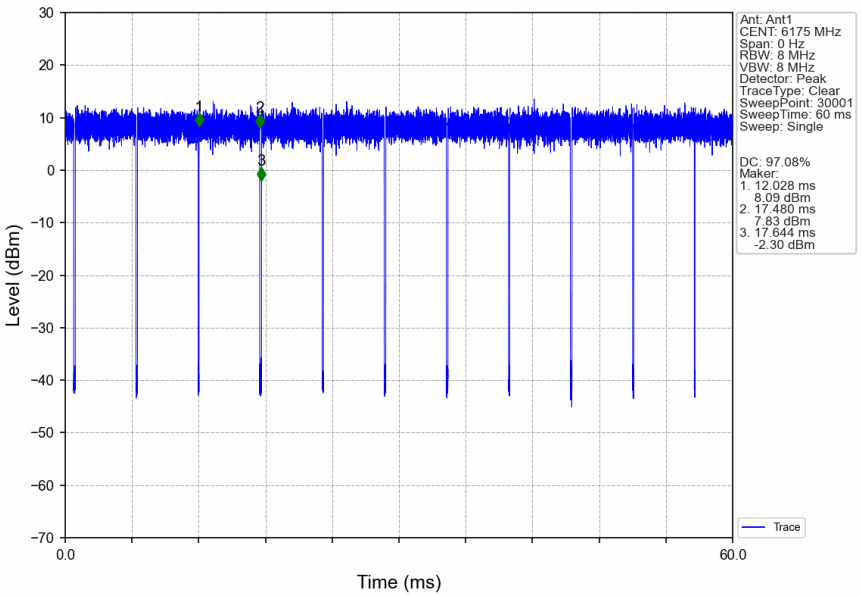
1.2 Test Graph

1.2.1 Ant1

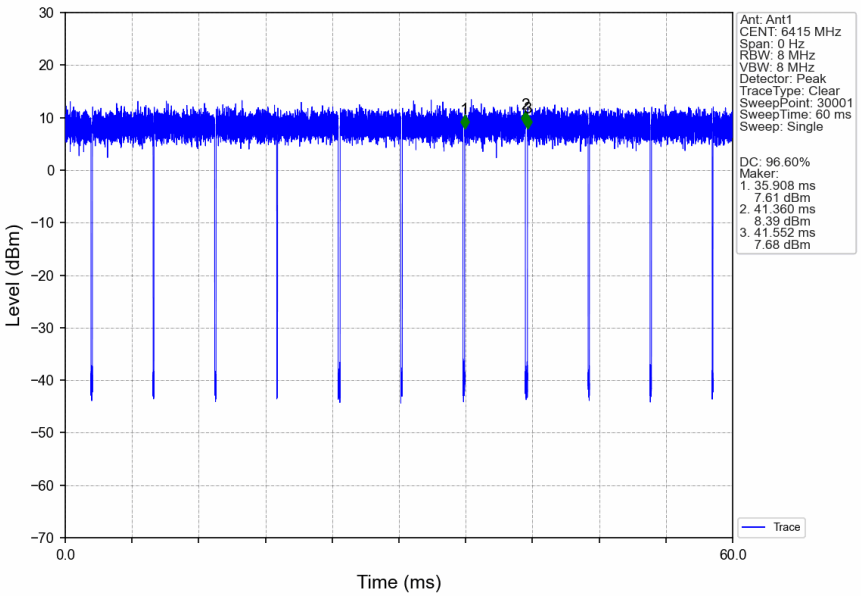
802.11be(EHT20)_LCH_5955MHz_RU242_Left_Ant1_NTNV



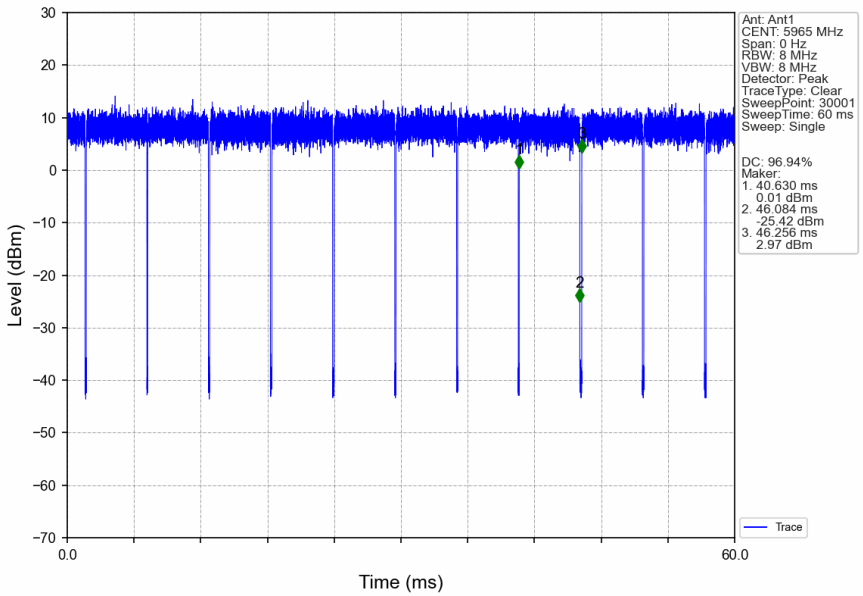
802.11be(EHT20)_MCH_6175MHz_RU242_Left_Ant1_NTNV



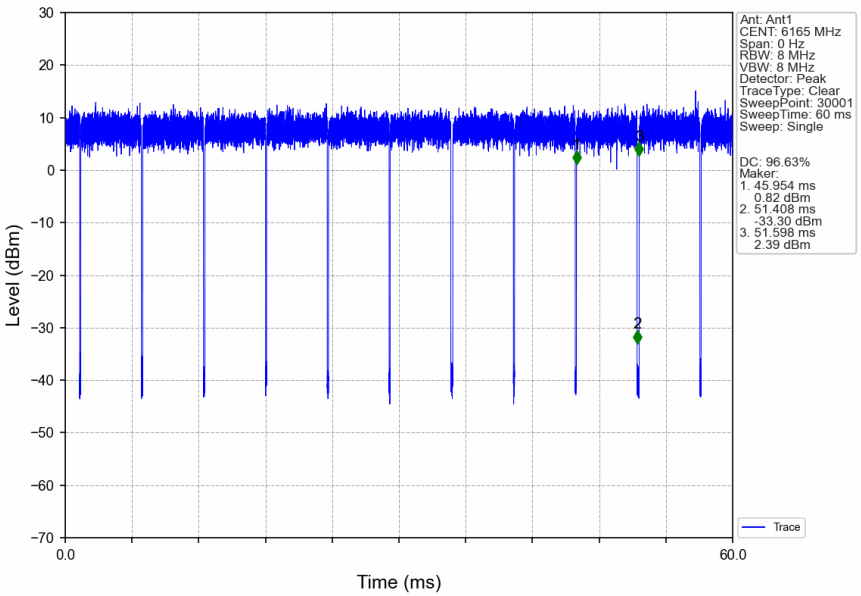
802.11be(EHT20)_HCH_6415MHz_RU242_Left_Ant1_NTNV



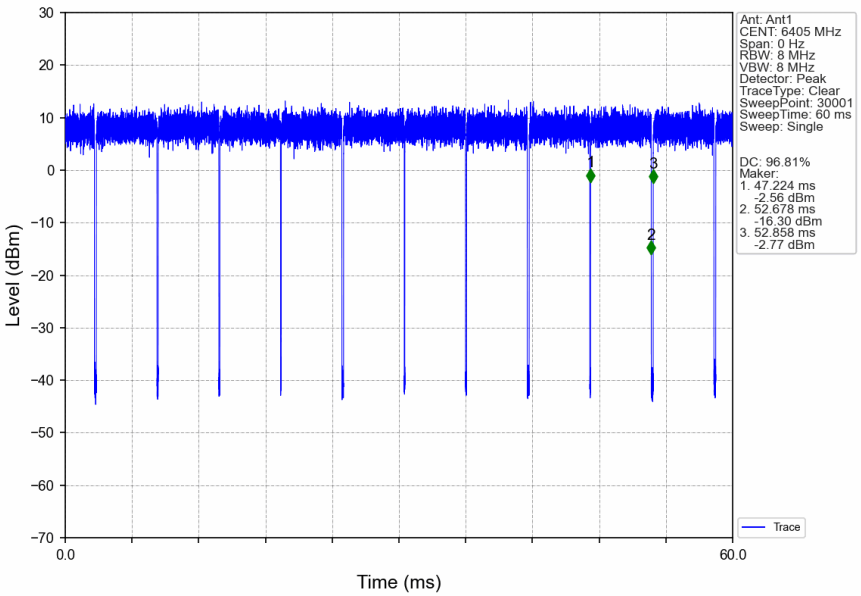
802.11be(EHT40)_LCH_5965MHz_RU484_Left_Ant1_NTNV



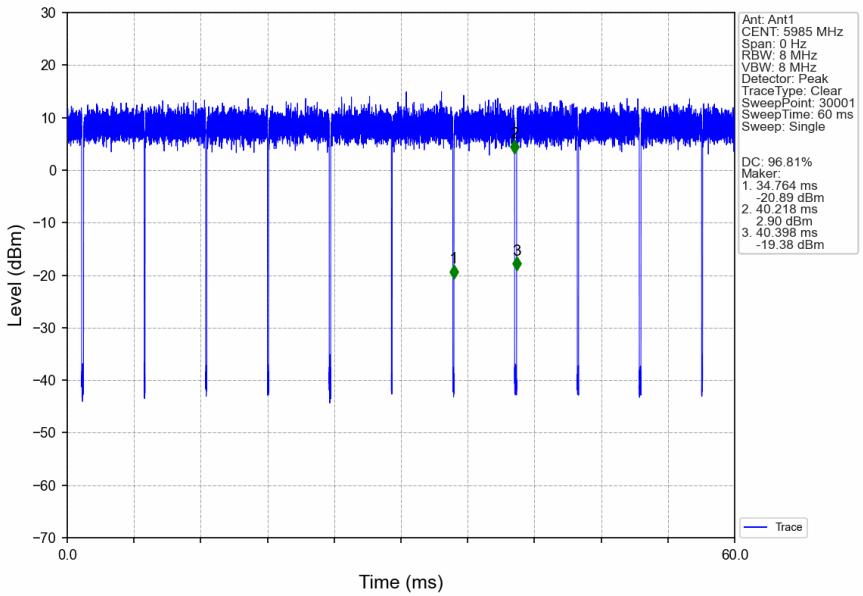
802.11be(EHT40)_MCH_6165MHz_RU484_Left_Ant1_NTNV



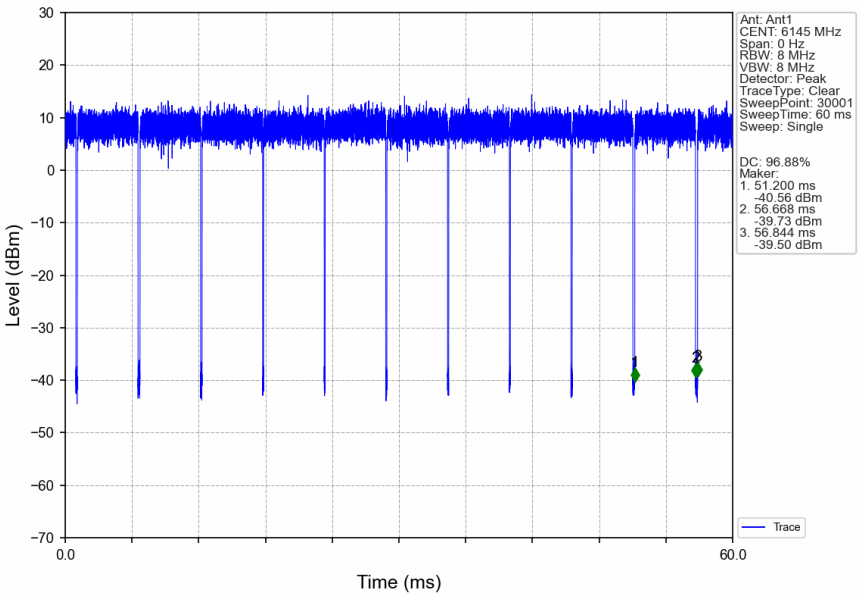
802.11be(EHT40)_HCH_6405MHz_RU484_Left_Ant1_NTNV



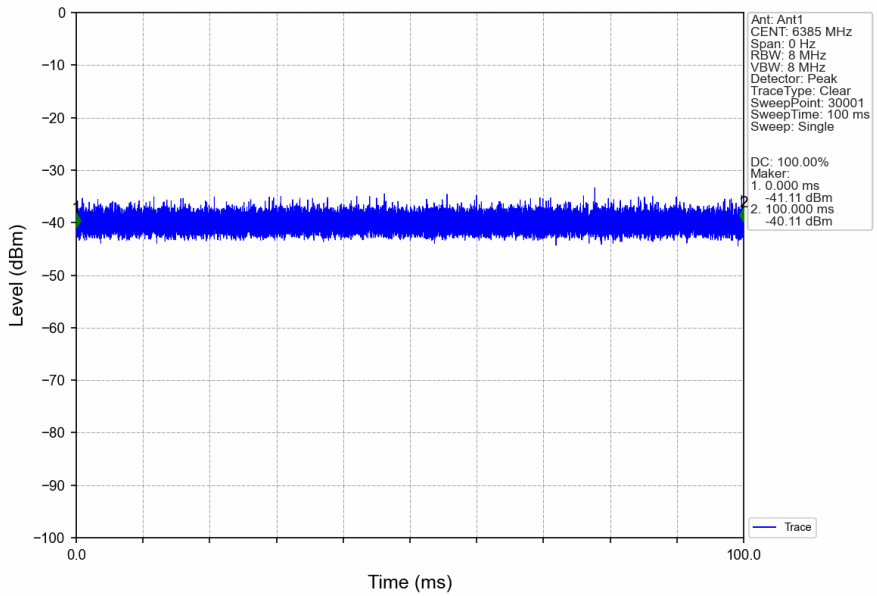
802.11be(EHT80)_LCH_5985MHz_RU996_Left_Ant1_NTNV



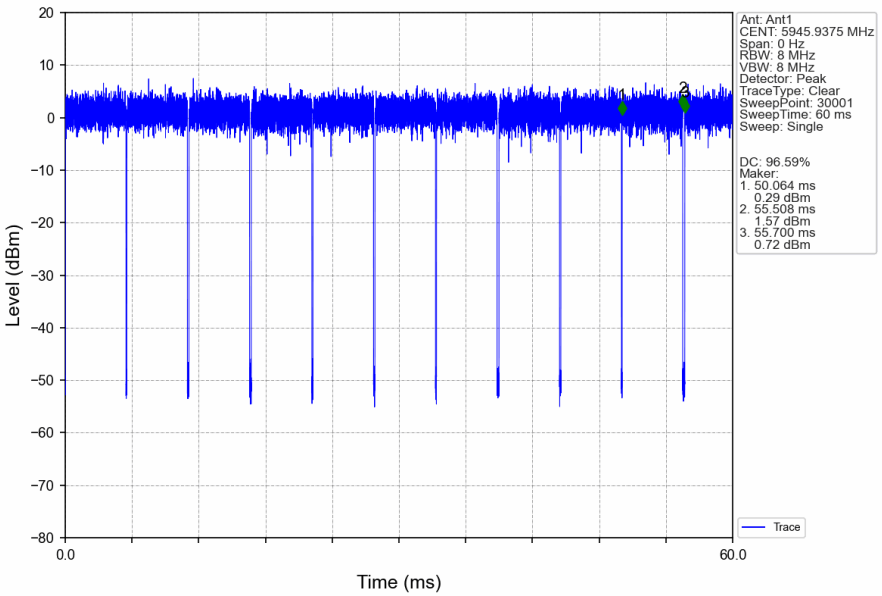
802.11be(EHT80)_MCH_6145MHz_RU996_Left_Ant1_NTNV



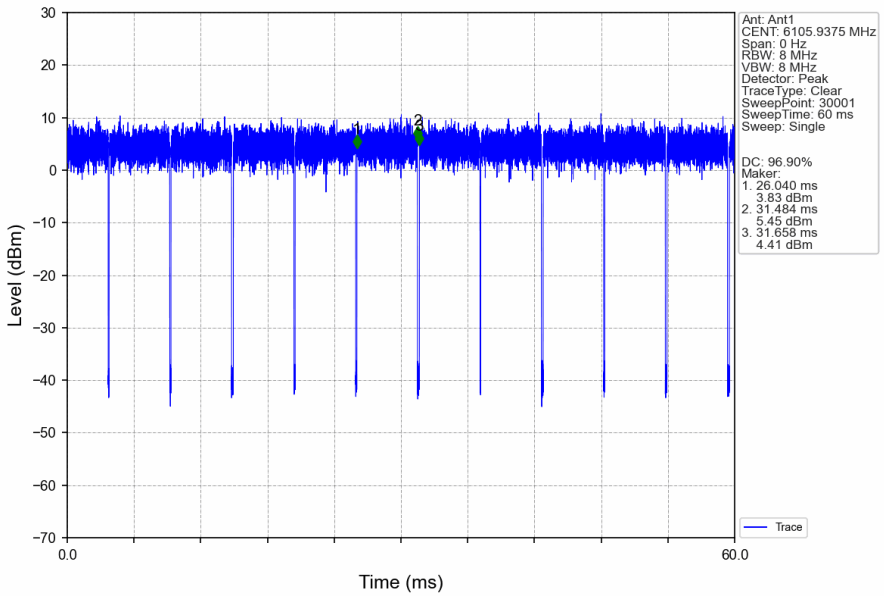
802.11be(EHT80)_HCH_6385MHz_RU996_Left_Ant1_NTNV



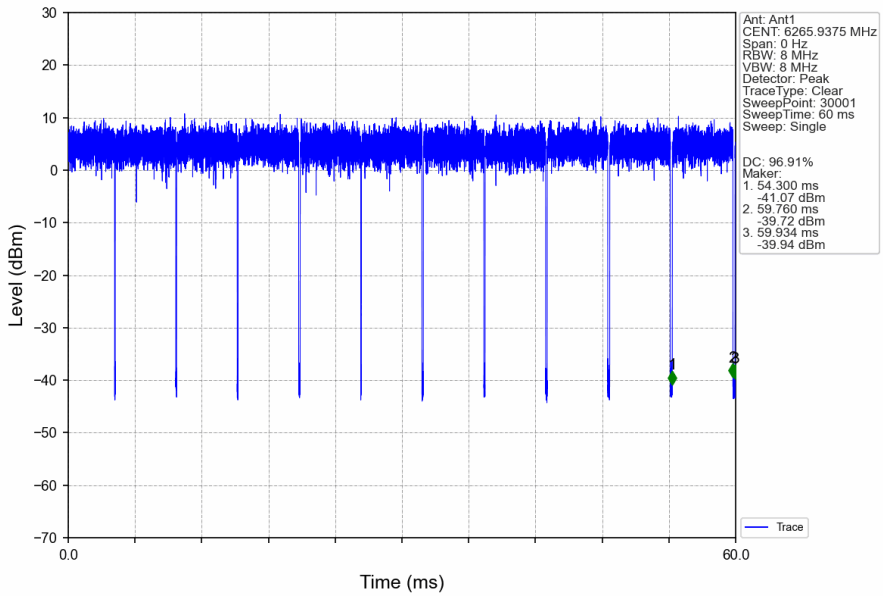
802.11be(EHT160)_LCH_6025MHz_2xRU996_Left_Ant1_NTNV



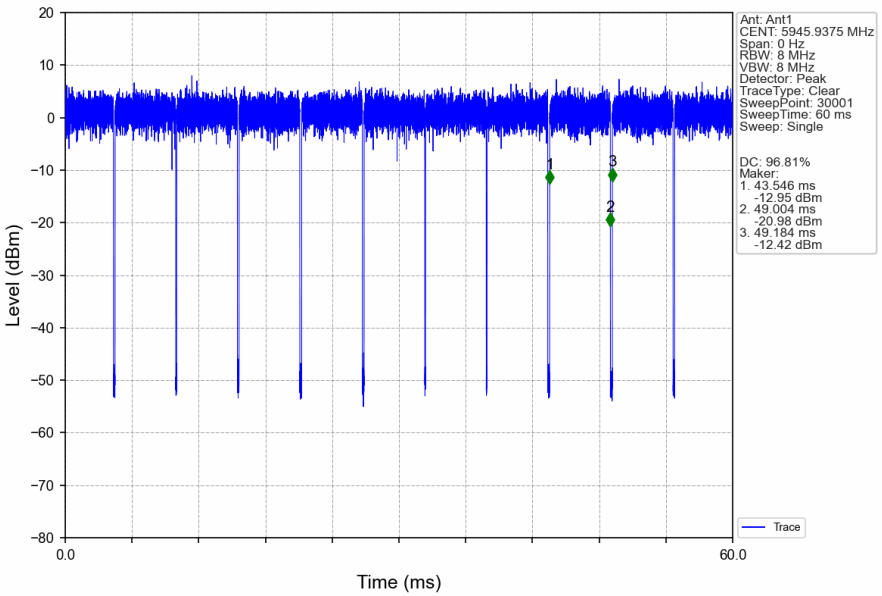
802.11be(EHT160)_MCH_6185MHz_2xRU996_Left_Ant1_NTNV



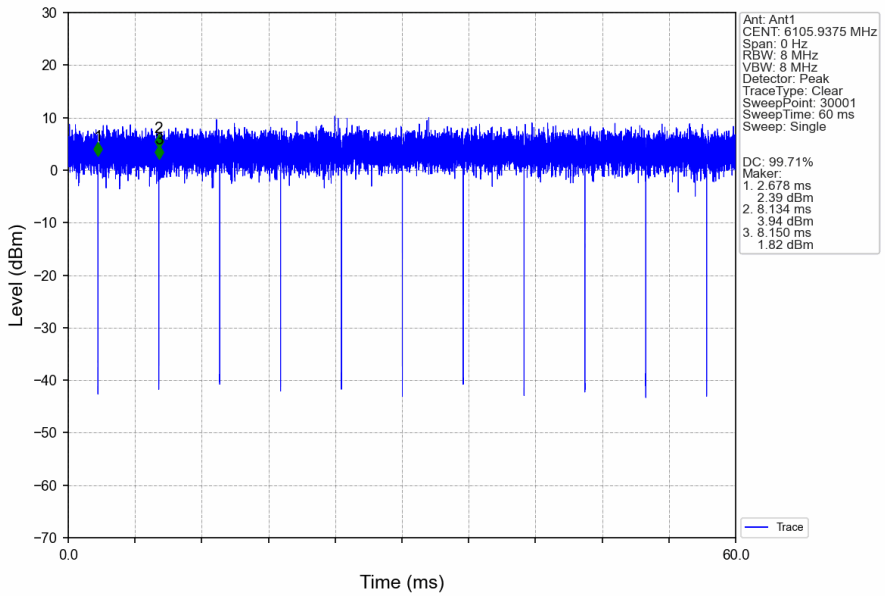
802.11be(EHT160)_HCH_6345MHz_2xRU996_Left_Ant1_NTNV



802.11be(EHT320)_LCH_6105MHz_4xRU996_Left_Ant1_NTNV

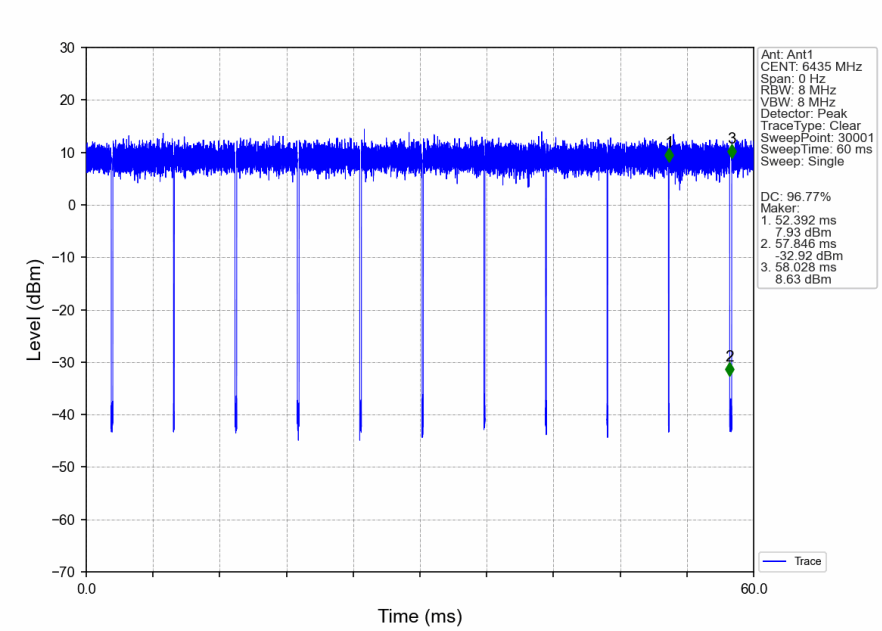


802.11be(EHT320)_HCH_6265MHz_4xRU996_Left_Ant1_NTNV

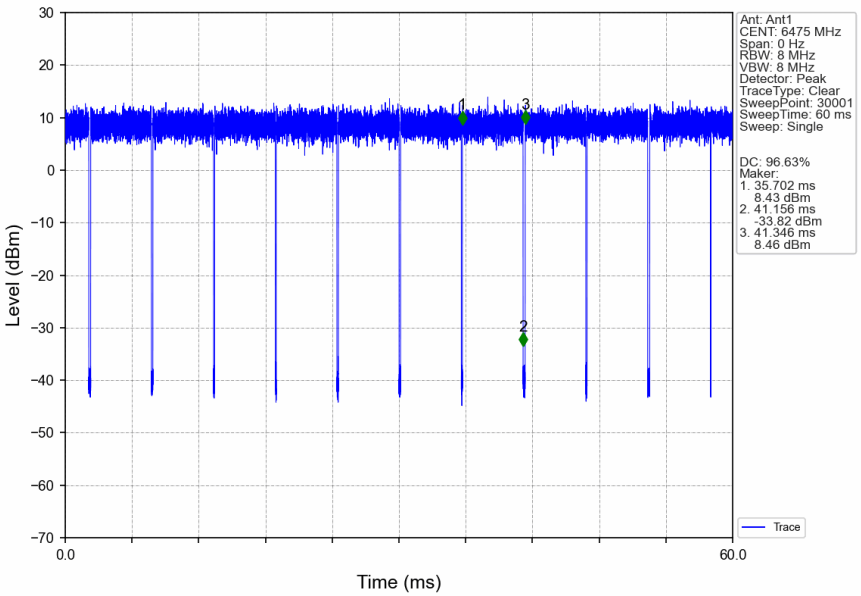


1.2.2 Ant1

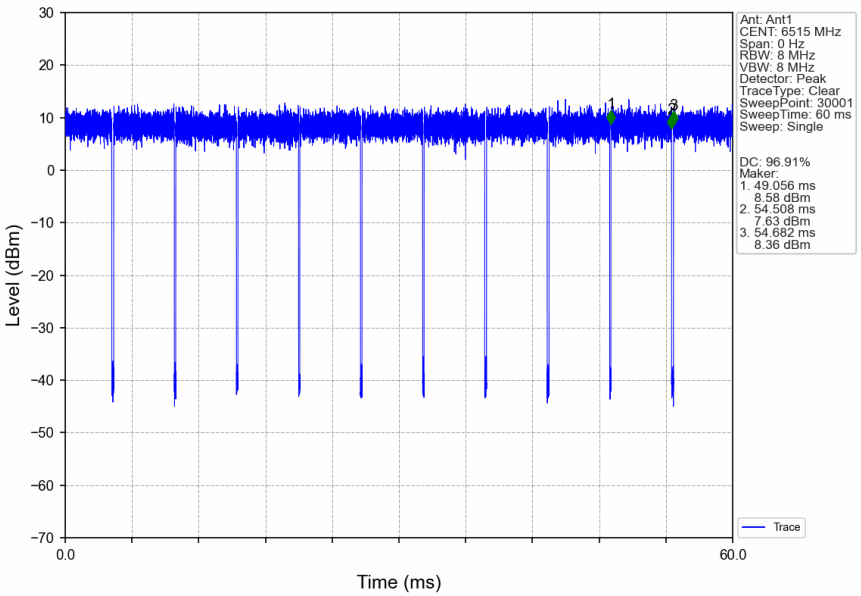
802.11be(EHT20)_LCH_6435MHz_RU242_Left_Ant1_NTNV



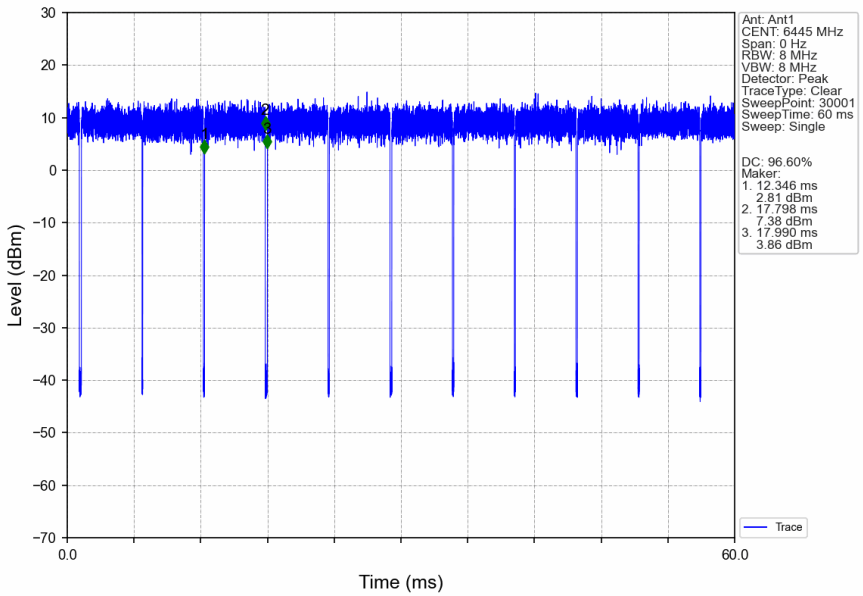
802.11be(EHT20)_MCH_6475MHz_RU242_Left_Ant1_NTNV



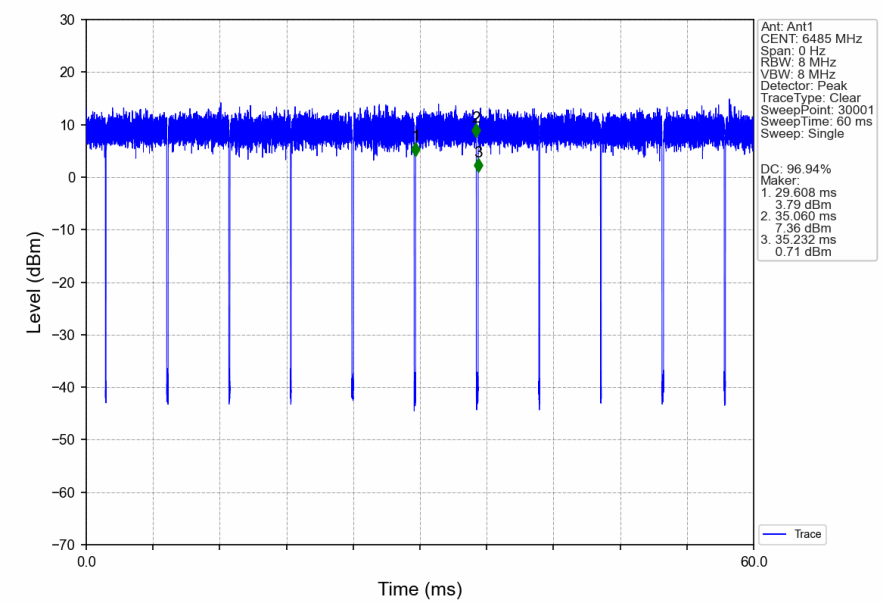
802.11be(EHT20)_HCH_6515MHz_RU242_Left_Ant1_NTNV



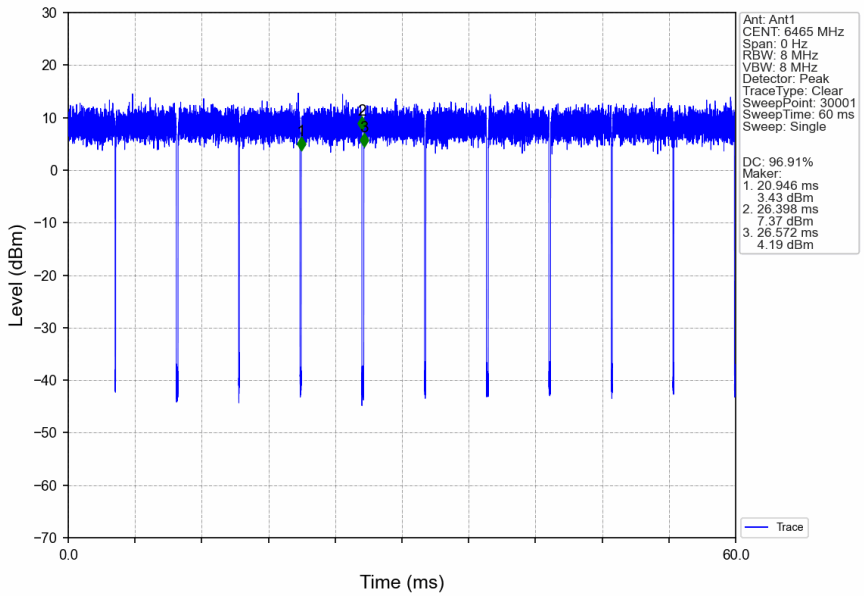
802.11be(EHT40)_LCH_6445MHz_RU484_Left_Ant1_NTNV



802.11be(EHT40)_MCH_6485MHz_RU484_Left_Ant1_NTNV

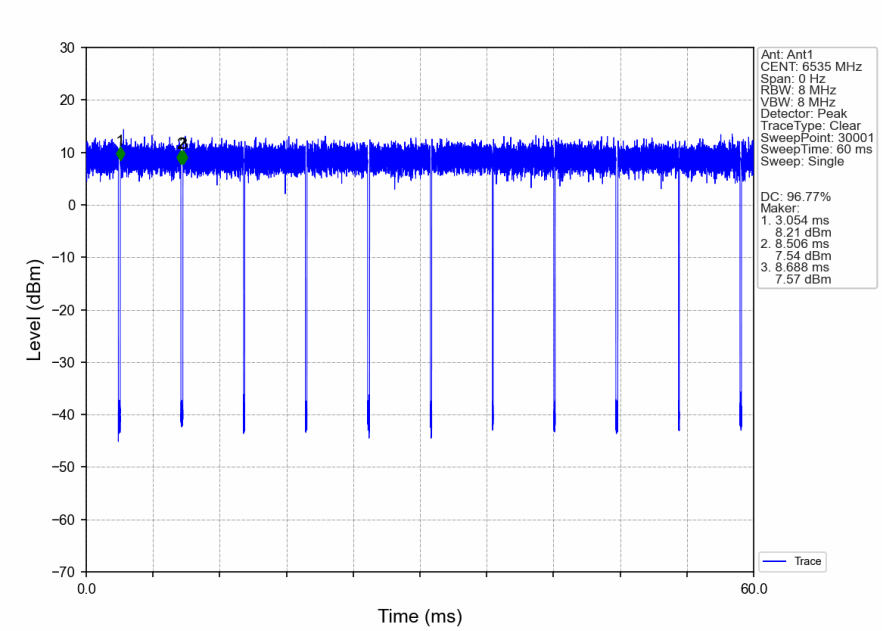


802.11be(EHT80)_LCH_6465MHz_RU996_Left_Ant1_NTNV

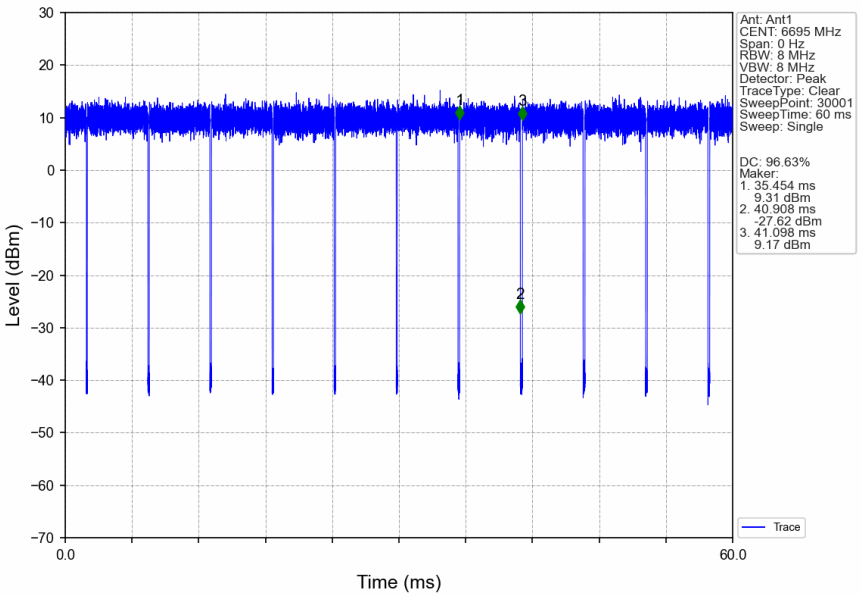


1.2.3 Ant1

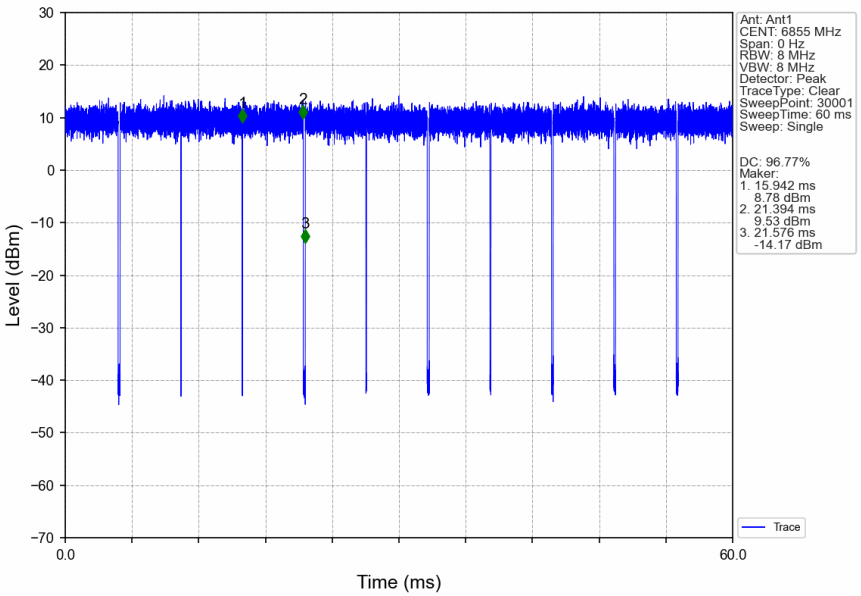
802.11be(EHT20)_LCH_6535MHz_RU242_Left_Ant1_NTNV



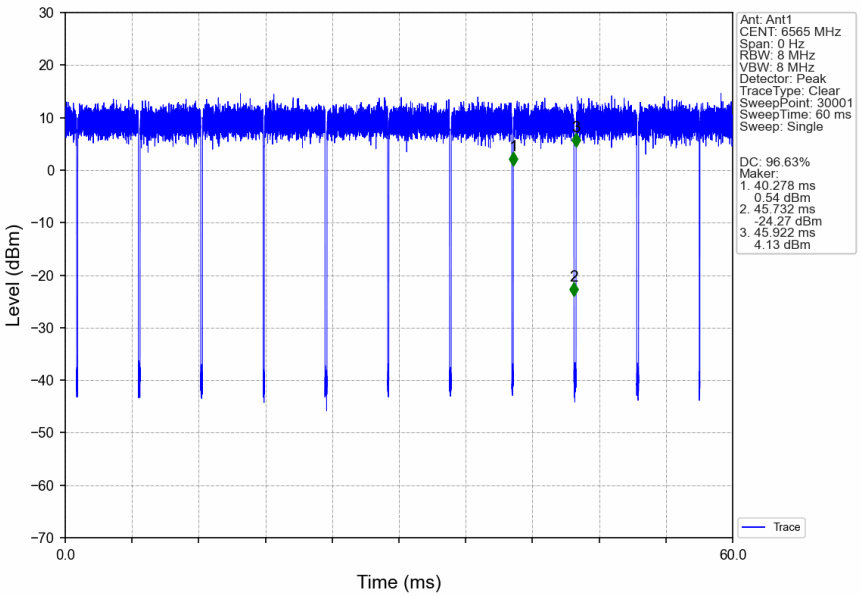
802.11be(EHT20)_MCH_6695MHz_RU242_Left_Ant1_NTNV



802.11be(EHT20)_HCH_6855MHz_RU242_Left_Ant1_NTNV



802.11be(EHT40)_LCH_6565MHz_RU484_Left_Ant1_NTNV



802.11be(EHT40)_MCH_6685MHz_RU484_Left_Ant1_NTNV