# TEST REPORT

| | |
|---|---|
| **Application No.:** | SZCR2510004715WM |
| **Applicant:** | TCL Communication Ltd. |
| **Address of Applicant:** | 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong |
| **Manufacturer:** | TCL Communication Ltd. |
| **Address of Manufacturer:** | 5/F, Building 22E, 22 Science Park East Avenue, Hong Kong Science Park, Shatin, NT, Hong Kong |
| **Equipment Under Test (EUT):** | |
| **EUT Description:** | GSM/UMTS/LTE/NR Mobile phone |
| **Model No.:** | T807M |
| **Trade Mark:** | TCL |
| **FCC ID:** | 2ACCJH195 |
| **Standard(s) :** | 47 CFR Part 15, Subpart E 15.407 |
| **Date of Receipt:** | 2025-10-28 |
| **Date of Test:** | 2025-10-31 to 2025-11-25 |
| **Date of Issue:** | 2025-12-01 |
| **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 | | 2025-12-01 | | Original |
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| | | | | |
|---|---|---|---|---|
| **Authorized for issue by:** | | | | |
| | | Charlie Dai | | |
| | | **Charlie Dai/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 |
| Transmission in the Absence of Data | | N/A | 47 CFR Part 15, Subpart E 15.407 (c) | 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 (2020) Section 6.2 | 47 CFR Part 15, Subpart C 15.207 & Subpart E 15.407 b(9) | Pass |
| Radiated Emissions (Below 1GHz) | | ANSI C63.10 (2020) 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 (2020) 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 (2020) Section 6.10.5 | 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b) | Pass |
| Duty Cycle | | ANSI C63.10 (2020) Section 12.2 | ANSI C63.10 (2013) Section 12.2 | Pass |
| 99% Bandwidth | | ANSI C63.10 (2020) Section 12.5.3 | ANSI C63.10 (2013) Section 12.4.2 | Pass |
| 26dB Emission bandwidth | | ANSI C63.10 (2020) Section 12.5.2 | 47 CFR Part 15, Subpart E 15.407 (a) | Pass |
| Minimum 6 dB bandwidth (5.725-5.85 GHz band ) | | ANSI C63.10 (2020) Section 12.5.1 | 47 CFR Part 15, Subpart E 15.407 (e) | Pass |
| Maximum Conducted output power | | ANSI C63.10 (2020) Section 12.4 | 47 CFR Part 15, Subpart E 15.407 (a) | Pass |
| Peak Power spectrum density | | ANSI C63.10 (2020) Section 12.6 | 47 CFR Part 15, Subpart E 15.407 (a) | Pass |
| Frequency Stability | | ANSI C63.10 (2020) Section 6.8 | 47 CFR Part 15, Subpart E 15.407 (g) | Pass |
| Non-occupancy period | | KDB 905462 D02 Section 7.8.3 | KDB 905462 D02 Section 5.1 | Pass |
| Channel Move Time | | KDB 905462 D02 Section 7.8.3 | KDB 905462 D02 Section 5.1 | Pass |
| Channel Closing Transmission Time | | KDB 905462 D02 Section 7.8.3 | KDB 905462 D02 Section 5.1 | Pass |

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# 3 Contents

Page

**1 Cover Page ..... 1**

**2 Test Summary ..... 3**

**3 Contents ..... 4**

**4 General Information ..... 7**

4.1 Details of E.U.T. ..... 7
4.2 Environment Parameter ..... 8
4.3 Description of Support Units ..... 8
4.4 Measurement Uncertainty ..... 9
4.5 Test Location ..... 10
4.6 Test Facility ..... 10
4.7 Deviation from Standards ..... 10
4.8 Abnormalities from Standard Conditions ..... 10

**5 Equipment List ..... 11**

**6 Radio Spectrum Technical Requirement ..... 14**

6.1 Antenna Requirement ..... 14
6.1.1 Test Requirement: ..... 14
6.2 Transmission in the Absence of Data ..... 16
6.2.1 Test Requirement: ..... 16
6.2.2 Conclusion ..... 16

**7 Radio Spectrum Matter Test Results ..... 17**

7.1 Conducted Emissions at AC Power Line (150kHz-30MHz) ..... 17
7.1.1 E.U.T. Operation ..... 17
7.1.2 Test Mode Description ..... 17
7.1.3 Test Setup Diagram ..... 18
7.1.4 Measurement Procedure and Data ..... 18
7.2 Radiated Emissions (Below 1GHz) ..... 21
7.2.1 E.U.T. Operation ..... 21
7.2.2 Test Mode Description ..... 21
7.2.3 Test Setup Diagram ..... 22
7.2.4 Measurement Procedure and Data ..... 23
7.3 Radiated Emissions (Above 1GHz) ..... 26
7.3.1 E.U.T. Operation ..... 26
7.3.2 Test Mode Description ..... 27
7.3.3 Test Setup Diagram ..... 28
7.3.4 Measurement Procedure and Data ..... 29
7.4 Radiated Emissions which fall in the restricted bands ..... 86
7.4.1 E.U.T. Operation ..... 86
7.4.2 Test Mode Description ..... 87

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7.4.3 Test Setup Diagram ....88
7.4.4 Measurement Procedure and Data....89
7.5 Duty Cycle ....302
7.5.1 E.U.T. Operation....302
7.5.2 Test Mode Description ....302
7.5.3 Test Setup Diagram ....303
7.5.4 Measurement Procedure and Data....303
7.6 99% Bandwidth ....304
7.6.1 E.U.T. Operation....304
7.6.2 Test Mode Description ....304
7.6.3 Test Setup Diagram ....305
7.6.4 Measurement Procedure and Data....305
7.7 26dB Emission bandwidth ....306
7.7.1 E.U.T. Operation....306
7.7.2 Test Mode Description ....306
7.7.3 Test Setup Diagram ....306
7.7.4 Measurement Procedure and Data....306
7.8 Minimum 6 dB bandwidth (5.725-5.85 GHz band )....307
7.8.1 E.U.T. Operation....307
7.8.2 Test Mode Description ....307
7.8.3 Test Setup Diagram ....307
7.8.4 Measurement Procedure and Data....307
7.9 Maximum Conducted output power ....308
7.9.1 E.U.T. Operation....308
7.9.2 Test Mode Description ....308
7.9.3 Test Setup Diagram ....309
7.9.4 Measurement Procedure and Data....309
7.10 Peak Power spectrum density ....310
7.10.1 E.U.T. Operation....310
7.10.2 Test Mode Description ....310
7.10.3 Test Setup Diagram ....311
7.10.4 Measurement Procedure and Data....311
7.11 Frequency Stability....312
7.11.1 E.U.T. Operation....312
7.11.2 Test Mode Description ....312
7.11.3 Test Setup Diagram ....313
7.11.4 Measurement Procedure and Data....313
7.12 Non-occupancy period ....314
7.12.1 E.U.T. Operation....314
7.12.2 Test Mode Description ....315
7.12.3 Test Setup Diagram ....315
7.12.4 Measurement Procedure and Data....316
7.13 Channel Move Time ....317
7.13.1 E.U.T. Operation....317
7.13.2 Test Mode Description ....318
7.13.3 Test Setup Diagram ....318
7.13.4 Measurement Procedure and Data....319
7.14 Channel Closing Transmission Time ....320
7.14.1 E.U.T. Operation....320
7.14.2 Test Mode Description ....321

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7.14.3 Test Setup Diagram ..... 321
7.14.4 Measurement Procedure and Data ..... 322

**8 Test Setup Photo ..... 323**

**9 EUT Constructional Details (EUT Photos) ..... 323**

**10 Appendix ..... 324**

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# 4 General Information

## 4.1 Details of E.U.T.

| | | |
|---|---|---|
| EUT Description: | GSM/UMTS/LTE/NR Mobile phone | |
| Model No.: | T807M | |
| Trade Mark: | TCL | |
| Hardware Version: | 03 | |
| Software Version: | BJ3X | |
| Power Supply: | Powered by DC3.91V/5000mAh (Model: TLp050E7) by Rechargeable Li-ion Battery.<br>Charged by USB port from adapter. | |
| WLAN Mode Supported: | 802.11a: | 20 MHz channel bandwidth |
| | 802.11n: | 20 MHz / 40 MHz channel bandwidth |
| | 802.11ac: | 20 MHz / 40 MHz / 80 MHz channel bandwidth |
| | 802.11ax: | 20 MHz / 40 MHz / 80 MHz channel bandwidth |
| Operation Frequency: | 5150MHz to 5250MHz<br>5250MHz to 5350MHz<br>5470MHz to 5725MHz<br>5725MHz to 5850MHz | |
| Modulation Type: | 802.11a: | OFDM (BPSK, QPSK, 16QAM, 64QAM) |
| | 802.11n: | OFDM (BPSK, QPSK, 16QAM, 64QAM) |
| | 802.11ac: | OFDM (BPSK, QPSK, 16QAM, 64QAM, 256QAM) |
| | 802.11ax: | OFDM/OFDMA (BPSK, QPSK, 16QAM, 64QAM, 256QAM, 1024QAM) |
| Channel Spacing: | 20MHz: | 802.11a/n(HT20)/ac(VHT20)/ax(HE20) |
| | 40MHz: | 802.11n(HT40)/ac(VHT40)/ax(HE40) |
| | 80MHz: | 802.11ac(VHT80)/ax(HE80) |
| Antenna Type: | Ant10: MDA Antenna<br>Ant12: LDS Antenna | |
| Antenna Gain: | 5150MHz to 5250MHz: -5.12dBi(Ant10); -5.79dBi(Ant12);<br>5250MHz to 5350MHz: -5.12dBi(Ant10); -5.79dBi(Ant12);<br>5470MHz to 5725MHz: -5.12dBi(Ant10); -5.79dBi(Ant12);<br>5725MHz to 5850MHz: -5.12dBi(Ant10); -5.79dBi(Ant12); | |
| | Note:<br>The antenna gain are derived from the gain information report provided by the manufacturer. | |
| Smart System: | ☒ SISO | 802.11a/n/ac/ax |
| | ☒ MIMO | 802.11n/ac/ax: 2Tx & 2Rx |

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| | | | |
|---|---|---|---|
| | ☒ Diversity | CDD:802.11a: 2Tx & 2Rx | |
| TPC Function: | ☐Support, ☒Not Support | | |
| DFS Function: | ☐Master | | |
| | ☐Slave with radar detection | ☒Slave without radar detection | |
| RF Cable: | 4900MHz ~ 5250MHz(1.6dB) | 5250MHz ~ 5350MHz(1.7dB) | |
| | 5470MHz ~ 5725MHz(1.8dB) | 5725MHz ~ 5850MHz (2dB) | |
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## 4.2 Environment Parameter

| Environment Parameter | 1020 mbar Selected Values During Tests | |
|---|---|---|
| Relative Humidity | 31.1~56.0 % RH Ambient | |
| Value | Temperature(°C) | Voltage(V) |
| NTNV | 21.0~25.3 | 3.91 |
| NTLV | 21.0~25.3 | 3.6 |
| NTHV | 21.0~25.3 | 4.5 |

Note:

| | | |
|---|---|---|
| NV:Normal Voltage | LV:Low Extreme Test Voltage | HV:High Extreme Test Voltage |
| NT:Normal Temperature | LT:Low Extreme Test Temperature | HT:High Extreme Test Temperature |

## 4.3 Description of Support Units

| Description | Manufacturer | Model No. | FCC ID | Serial No. |
|---|---|---|---|---|
| Router | LINKSYS | WRT32X | Q87-WRT3200ACM | 22C10609709105 |
| Adapter | HONOR | HN-200500CP0 | N/A | Adapter |
| The EUT has been tested as an independent unit. | | | | |

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## 4.4 Measurement Uncertainty

| Test Item | Measurement Uncertainty |
|---|---|
| Conducted Emissions at AC Power Line (150kHz-30MHz) | ± 3.2dB |
| 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); |
| Duty Cycle | ± 0.3% |
| 99% Bandwidth | ± 0.3% |
| 26dB Emission bandwidth | ± 0.3% |
| Minimum 6 dB bandwidth (5.725-5.85 GHz band ) | ± 0.3% |
| Maximum Conducted output power | ± 0.8dB |
| Peak Power spectrum density | ± 0.4dB |
| Frequency Stability | ± 5.4 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.

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## 4.5 Test Location

All tests were performed at:

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No tests were sub-contracted.

## 4.6 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.

## 4.7 Deviation from Standards

None

## 4.8 Abnormalities from Standard Conditions

None

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# 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 | 2025-05-07 | 2028-05-06 |
| EMI Test Receiver | Rohde&Schwarz | ESR | SZ-WRG-M-047 | 2025-01-08 | 2026-01-07 |
| 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 | 2025-07-05 | 2026-07-04 |
| LISN | Rohde&Schwarz | ENV216 | SEM007-01 | 2025-07-25 | 2026-07-24 |
| LISN | ETS-LINDGREN | 3816/2 | SEM007-02 | 2025-03-03 | 2026-03-02 |

| 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<br>2025-11-17 | 2025-11-19<br>2027-11-16 |
| 3m Semi-Anechoic Chamber | ETS-LINDGREN | N/A | SEM001-01 | 2023-06-19 | 2026-06-18 |
| MXE EMI Receiver | Agilent Technologies | N9038A | SEM004-15 | 2025-07-25 | 2026-07-24 |
| BiConiLog Antenna | ETS-LINDGREN | 3142C | SEM003-01 | 2025-08-29 | 2027-08-28 |
| 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 | 2025-07-05 | 2026-07-04 |

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| Radiated Emissions (Above 1GHz) | | | | | |
|---|---|---|---|---|---|
| **Equipment** | **Manufacturer** | **Model No.** | **Inventory No.** | **Cal Date** | **Cal Due Date** |
| Signal & Spectrum Analyzer | Rohde & Schwarz | FSV | SZ-WRG-M-048 | 2025-01-07 | 2026-01-06 |
| Low Noise Amplifier 1G-18GHz | Tonscend | TAP01018050 | SZ-WRG-M-051 | 2025-01-07 | 2026-01-06 |
| Low Noise Amplifier 18G-40GHz | Tonscend | TAP18040048 | SZ-WRG-M-052 | 2025-01-08 | 2026-01-07 |
| Double Ridge Horn Antenna 1GHz-18GHz | SCHWARZBECK | BBHA 9120 D | SZ-WRG-M-055 | 2023-12-21 | 2025-12-20 |
| SHF-EHF Horn 15GHz-40GHz | SCHWARZBECK | BBHA 9170 | SZ-WRG-M-056 | 2023-12-25 | 2025-12-24 |
| RSE Test Software | AUDIX | e3 V8.2014-6-27 | N/A | N/A | N/A |
| Chamber | CRTSGSSAC966 | N/A | SZ-WRG-C-063 | 2025-01-06 | 2028-01-05 |
| Humidity and Temperature Indicator | deli | 8838 | SEM002-46 | 2025-07-23 | 2026-07-22 |

| Radiated Emissions which fall in the restricted bands | | | | | |
|---|---|---|---|---|---|
| **Equipment** | **Manufacturer** | **Model No.** | **Inventory No.** | **Cal Date** | **Cal Due Date** |
| Signal & Spectrum Analyzer | Rohde & Schwarz | FSV | SZ-WRG-M-048 | 2025-01-07 | 2026-01-06 |
| Low Noise Amplifier 30M-8GHz | Tonscend | TAP30M8G30 | SZ-WRG-M-050 | 2025-01-07 | 2026-01-06 |
| Double Ridge Horn Antenna 1GHz-18GHz | SCHWARZBECK | BBHA 9120 D | SZ-WRG-M-055 | 2023-12-21 | 2025-12-20 |
| SHF-EHF Horn 15GHz-40GHz | SCHWARZBECK | BBHA 9170 | SZ-WRG-M-056 | 2023-12-25 | 2025-12-24 |
| RSE Test Software | AUDIX | e3 V8.2014-6-27 | N/A | N/A | N/A |
| Chamber | CRTSGSSAC966 | N/A | SZ-WRG-C-063 | 2025-01-06 | 2028-01-05 |
| Humidity and Temperature Indicator | deli | 8838 | SEM002-46 | 2025-07-23 | 2026-07-22 |

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| RF Conducted Test | | | | | |
|---|---|---|---|---|---|
| **Equipment** | **Manufacturer** | **Model No.** | **Inventory No.** | **Cal Date** | **Cal Due Date** |
| DC Power Supply | Chroma | 62012P-80-60 | SEM011-11 | 2025-07-24 | 2026-07-23 |
| MXA Signal Analyzer | KEYSIGHT | N9020A | SEM004-19 | 2025-03-04 | 2026-03-03 |
| Signal Generator | KEYSIGHT | N5173B | SEM006-05 | 2025-09-10 | 2026-09-09 |
| Measurement Software | TST PASS | TST PASS V2.0 | N/A | N/A | N/A |
| Coaxial Cable | SGS | N/A | SEM031-01 | 2025-07-05 | 2026-07-04 |
| 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 |
| 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 |
| 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 |
| MXG Vector Signal Generator | Agilent | N5182A | SEM006-21 | 2025-03-03 | 2026-03-02 |
| MXA Signal Analyzer | KEYSIGHT | N9020A | SEM004-22 | 2025-03-04 | 2026-03-03 |

| General used equipment | | | | | |
|---|---|---|---|---|---|
| **Equipment** | **Manufacturer** | **Model No.** | **Inventory No.** | **Cal Date** | **Cal Due Date** |
| Humidity/ Temperature Indicator | deli | 8838 | SEM002-32 | 2025-07-23 | 2026-07-22 |
| Humidity/ Temperature Indicator | deli | 8838 | SEM002-33 | 2025-07-23 | 2026-07-22 |
| Barometer | Changchun Meteorological Industry Factory | DYM3 | SEM002-01 | 2025-03-03 | 2026-03-02 |

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# 6 Radio Spectrum Technical Requirement

## 6.1 Antenna Requirement

### 6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

The antenna is Ant10: MDA Antenna, Ant12: LDS Antenna and no consideration of replacement. The best case gain of the antenna is

5150MHz to 5250MHz: -5.12dBi(Ant10); -5.79dBi(Ant12); *

5250MHz to 5350MHz: -5.12dBi(Ant10); -5.79dBi(Ant12);*

5470MHz to 5725MHz: -5.12dBi(Ant10); -5.79dBi(Ant12);*

5725MHz to 5850MHz: -5.12dBi(Ant10); -5.79dBi(Ant12);*

*Note:*

*The antenna gain are derived from the gain information report provided by the manufacturer.*

*Remark:*

*As above information is provided and confirmed by the applicant. SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.*

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FCC KDB 662911 D01 Multiple Transmitter Output v02r01
If all antennas have the same gain, $G_{ANT}$, Directional gain = $G_{ANT}$ + Array Gain, where Array Gain is as follows.

- For power spectral density (PSD) measurements on all devices,

*Array Gain = 10 log($N_{ANT}/N_{SS}$ =1) dB.*

- For power measurements on IEEE 802.11 devices:

*Array Gain = 0 dB (i.e., no array gain) for $N_{ANT} \leq 4$;*

For power, the directional gain may be calculated by using the formulas applicable to equal gain antennas with GANT set equal to the gain of the antenna having the highest gain.
For PSD, the directional gain calculation is following F)2)f)ii) of KDB 662911 D01 v02r01.

**The Power and PSD limit should be modified if the directional gain of eut is over 6dbi.**
The EUT supports CDD System.
Unequal antenna gain:

| Operation Frequency | ANT Gain0 (dBi) | ANT Gain1 (dBi) | Directional gain For Power (dBi) | Directional gain For PSD (dBi) | Power Limit Reduction (dBm) | PSD Limit Reduction (dBm) |
|---|---|---|---|---|---|---|
| 5150MHz to 5250MHz | -5.12 | -5.79 | -5.12 | -2.44 | 0 | 0 |
| 5250MHz to 5350MHz | -5.12 | -5.79 | -5.12 | -2.44 | 0 | 0 |
| 5470MHz to 5725MHz | -5.12 | -5.79 | -5.12 | -2.44 | 0 | 0 |
| 5725MHz to 5850MHz | -5.12 | -5.79 | -5.12 | -2.44 | 0 | 0 |

5150MHz to 5250MHz:
Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi ) =0
PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi ) =0
5250MHz to 5350MHz:
Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi ) =0
PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi ) =0
5470MHz to 5725MHz:
Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi ) =0
PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi ) =0
5725MHz to 5850MHz:
Power Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi ) =0
PSD Limit Reduction = Directional gain – 6dBi, (Directional gain < 6dBi ) =0

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## 6.2 Transmission in the Absence of Data

### 6.2.1 Test Requirement:

47 CFR Part 15, Subpart E 15.407 (c)

### 6.2.2 Conclusion

Standard Requirement:

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals.

Applicants shall include in their application for equipment authorization a description of how this requirement is met.

EUT Details:

WIFI chip support automatically discontinue transmission in case of either absence of information to transmit or operational failure, if the chip detect absence of information to transmit or operational failure, it will be automatically shut off.

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# 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 (2020) Section 6.2
Test Engineer: Kaito Zeng

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: 25.3 °C Humidity: 40.5 % RH Atmospheric Pressure: 1020 mbar

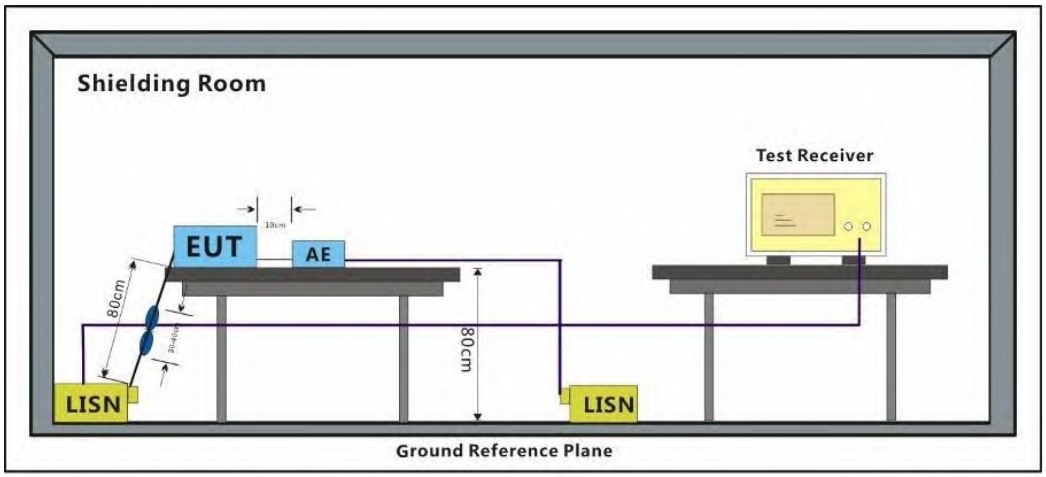
### 7.1.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 19 | Charge + TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Pre-scan | 20 | Charge + TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Pre-scan | 21 | Charge + TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Pre-scan | 22 | Charge + TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; |

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| | | |
|---|---|---|
| | | data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, 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.

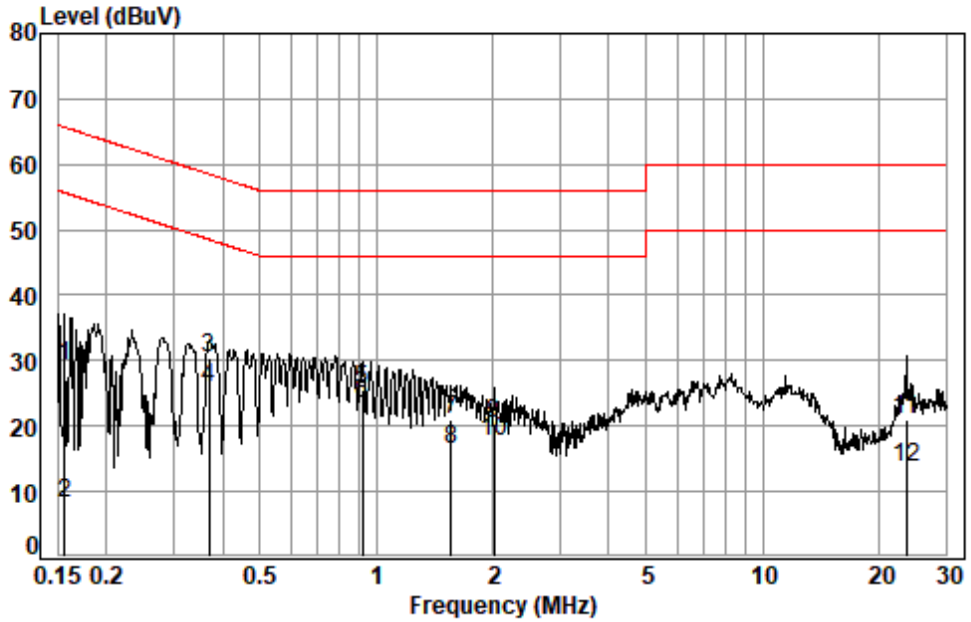
5) In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.10 on conducted measurement.

Remark 1: Level=Read Level+ Cable Loss+ LISN Factor

Remark 2: Pre-test AC 120V/50-60Hz&AC 240V/50-60Hz then choose the AC 120/60Hz as worst case.

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Test Mode: 19; Line: Live line

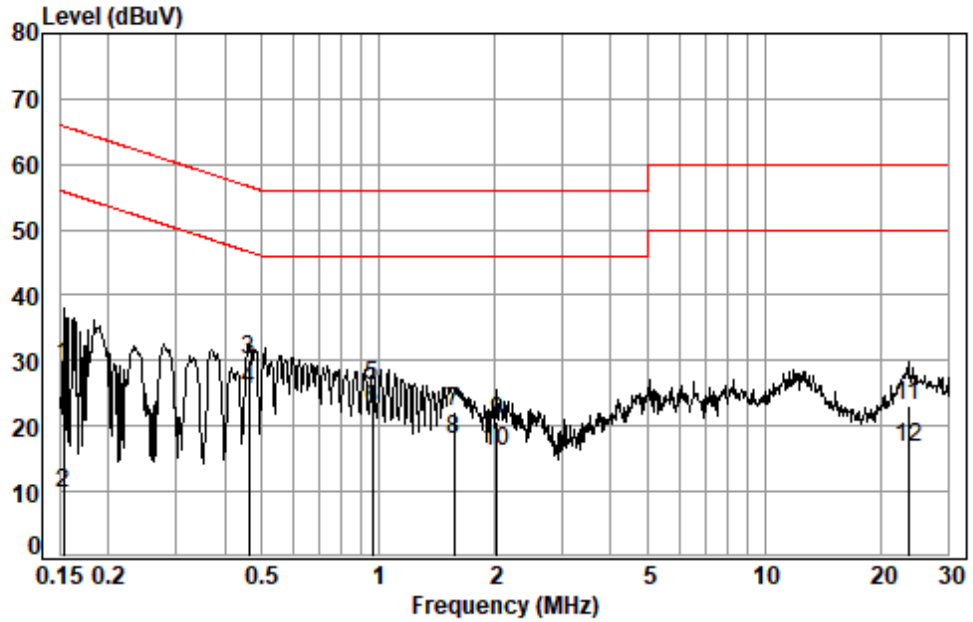



Site : Shielding Room
Condition: Line
Job No. : 04715WM
Test mode: 19

| | | Freq | Cable Loss | LISN Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dB | dB | dBuV | dBuV | dBuV | dB | |
| 1 | | 0.1557 | 0.06 | 10.19 | 19.02 | 29.27 | 65.69 | -36.42 | QP |
| 2 | | 0.1557 | 0.06 | 10.19 | -1.94 | 8.31 | 55.69 | -47.38 | Average |
| 3 | * | 0.3692 | 0.08 | 9.72 | 20.63 | 30.43 | 58.52 | -28.09 | QP |
| 4 | | 0.3692 | 0.08 | 9.72 | 15.91 | 25.71 | 48.52 | -22.81 | Average |
| 5 | | 0.9184 | 0.11 | 9.60 | 15.89 | 25.60 | 56.00 | -30.40 | QP |
| 6 | * | 0.9184 | 0.11 | 9.60 | 13.79 | 23.50 | 46.00 | -22.50 | Average |
| 7 | | 1.5601 | 0.12 | 9.58 | 11.41 | 21.11 | 56.00 | -34.89 | QP |
| 8 | | 1.5601 | 0.12 | 9.58 | 6.62 | 16.32 | 46.00 | -29.68 | Average |
| 9 | | 2.0225 | 0.12 | 9.58 | 10.63 | 20.33 | 56.00 | -35.67 | QP |
| 10 | | 2.0225 | 0.12 | 9.58 | 7.84 | 17.54 | 46.00 | -28.46 | Average |
| 11 | | 23.5112 | 0.23 | 10.25 | 10.57 | 21.05 | 60.00 | -38.95 | QP |
| 12 | | 23.5112 | 0.23 | 10.25 | 3.31 | 13.79 | 50.00 | -36.21 | Average |

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Test Mode: 19; Line: Neutral Line




Site : Shielding Room
Condition: Neutral
Job No. : 04715WM
Test mode: 19

| | | 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 | 10.15 | 18.93 | 29.14 | 65.82 | -36.68 | QP |
| 2 | | 0.1532 | 0.06 | 10.15 | -0.42 | 9.79 | 55.82 | -46.03 | Average |
| 3 | * | 0.4612 | 0.09 | 9.72 | 20.20 | 30.01 | 56.67 | -26.66 | QP |
| 4 | * | 0.4612 | 0.09 | 9.72 | 15.78 | 25.59 | 46.67 | -21.08 | Average |
| 5 | | 0.9684 | 0.11 | 9.55 | 16.44 | 26.10 | 56.00 | -29.90 | QP |
| 6 | | 0.9684 | 0.11 | 9.55 | 12.95 | 22.61 | 46.00 | -23.39 | Average |
| 7 | | 1.5684 | 0.12 | 9.55 | 12.62 | 22.29 | 56.00 | -33.71 | QP |
| 8 | | 1.5684 | 0.12 | 9.55 | 8.31 | 17.98 | 46.00 | -28.02 | Average |
| 9 | | 2.0333 | 0.12 | 9.55 | 11.10 | 20.77 | 56.00 | -35.23 | QP |
| 10 | | 2.0333 | 0.12 | 9.55 | 6.32 | 15.99 | 46.00 | -30.01 | Average |
| 11 | | 23.5112 | 0.23 | 10.36 | 12.39 | 22.98 | 60.00 | -37.02 | QP |
| 12 | | 23.5112 | 0.23 | 10.36 | 6.13 | 16.72 | 50.00 | -33.28 | Average |

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## 7.2 Radiated Emissions (Below 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)
Test Method: ANSI C63.10 (2020) Section 6.4,6.5
Measurement Distance: 3m
Test Engineer: Sean Xiao

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 |

### 7.2.1 E.U.T. Operation

Operating Environment:
Temperature: 23.4 °C Humidity: 48.5 % RH Atmospheric Pressure: 1020 mbar

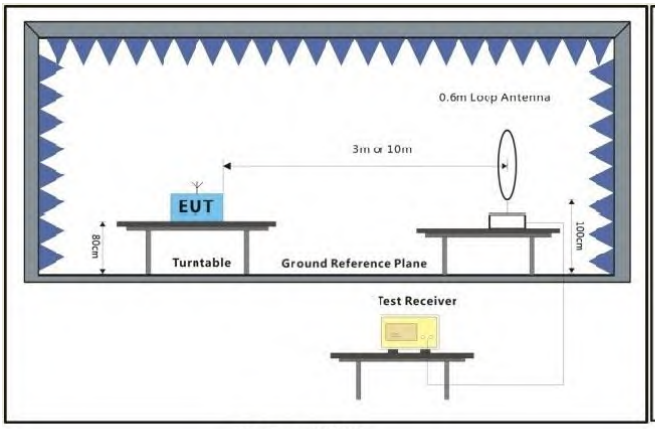
### 7.2.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Pre-scan | 14 | TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Pre-scan | 15 | TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Pre-scan | 16 | TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Pre-scan | 17 | TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and |

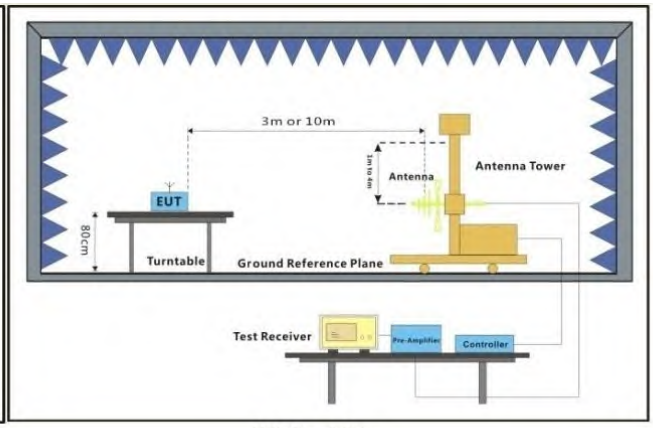
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| | | |
|---|---|---|
| | | found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 19 | Charge + TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Pre-scan | 20 | Charge + TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Pre-scan | 21 | Charge + TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Pre-scan | 22 | Charge + TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |

### 7.2.3 Test Setup Diagram




Below 30MHz




30MHz-1GHz

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### 7.2.4 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

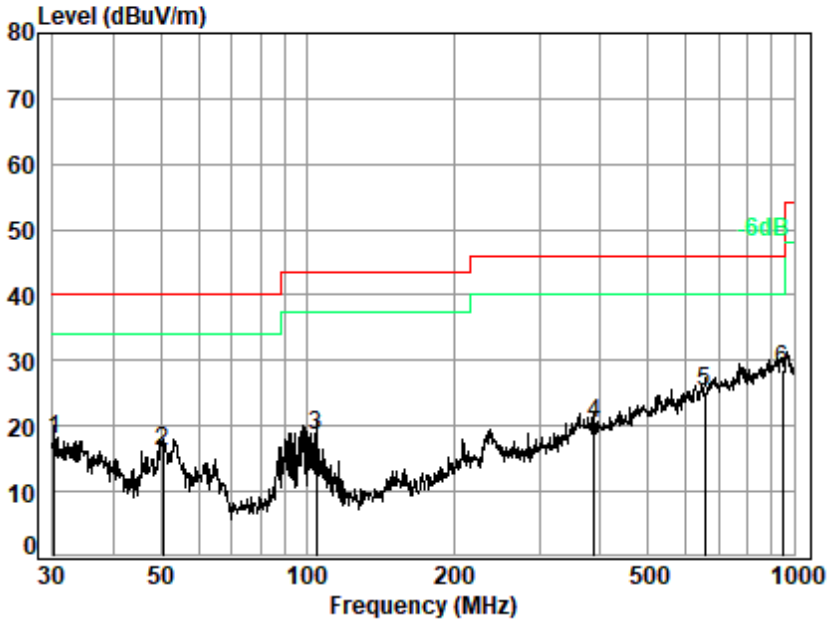
2. For emission below 1GHz, through the pre-scan found the worst case is the lowest channel of 802.11a. Only the worst case is recorded in the report.

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 below harmonics were the highest point could be found when testing, so only the below harmonics had been displayed.

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Test Mode: 19; Polarity: Horizontal

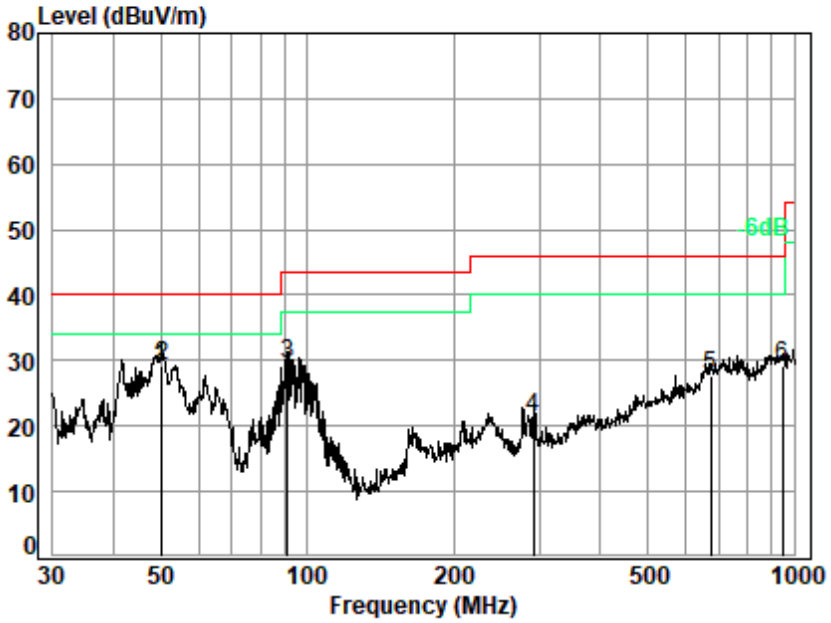



Site : chamber
Condition: 3m HORIZONTAL
Job No. : 04715WM
Test Mode: 19

| | 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 | 30.211 | 21.10 | 0.74 | 27.65 | 23.90 | 18.09 | 40.00 | -21.91 | QP |
| 2 | 50.586 | 12.67 | 0.90 | 27.63 | 30.04 | 15.98 | 40.00 | -24.02 | QP |
| 3 | 104.170 | 12.22 | 1.25 | 27.61 | 32.68 | 18.54 | 43.50 | -24.96 | QP |
| 4 | 387.992 | 20.82 | 2.45 | 27.72 | 24.73 | 20.28 | 46.00 | -25.72 | QP |
| 5 | 656.530 | 25.07 | 3.28 | 27.94 | 24.89 | 25.30 | 46.00 | -20.70 | QP |
| 6 q | 948.761 | 28.23 | 4.08 | 26.68 | 22.93 | 28.56 | 46.00 | -17.44 | QP |

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Test Mode: 19; Polarity: Vertical




Site : chamber
Condition: 3m VERTICAL
Job No. : 04715WM
Test Mode: 19

| | 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 | 50.057 | 12.75 | 0.90 | 27.63 | 42.78 | 28.80 | 40.00 | -11.20 | QP |
| 2 q | 50.232 | 12.72 | 0.90 | 27.63 | 43.14 | 29.13 | 40.00 | -10.87 | QP |
| 3 | 90.855 | 11.80 | 1.18 | 27.60 | 44.10 | 29.48 | 43.50 | -14.02 | QP |
| 4 | 291.036 | 17.12 | 2.08 | 27.52 | 29.60 | 21.28 | 46.00 | -24.72 | QP |
| 5 | 672.845 | 25.64 | 3.33 | 27.90 | 26.59 | 27.66 | 46.00 | -18.34 | QP |
| 6 | 945.440 | 28.26 | 4.07 | 26.70 | 23.42 | 29.05 | 46.00 | -16.95 | QP |

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## 7.3 Radiated Emissions (Above 1GHz)

Test Requirement 47 CFR Part 15, Subpart C 15.209 & Subpart E 15.407(b)
Test Method: ANSI C63.10 (2020) Section 6.6
Measurement Distance: 3m
Test Engineer: Xing Guo

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 |
| Above 960 | 500 | 3 |

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

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

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

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

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

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, 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.

### 7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 22.5 °C Humidity: 56.0 % RH Atmospheric Pressure: 1020 mbar

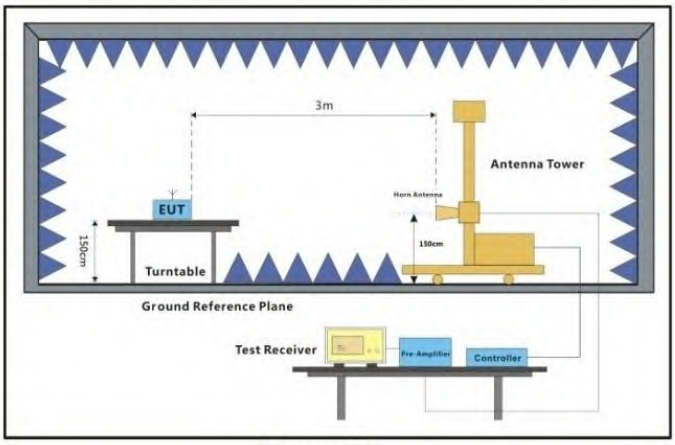
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### 7.3.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 14 | TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 15 | TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 16 | TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 17 | TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Pre-scan | 19 | Charge + TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Pre-scan | 20 | Charge + TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Pre-scan | 21 | Charge + TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Pre-scan | 22 | Charge + TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |

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### 7.3.3 Test Setup Diagram




Above 1GHz

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### 7.3.4 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 below 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 below harmonics were the highest point could be found when testing, so only the below harmonics had been displayed.

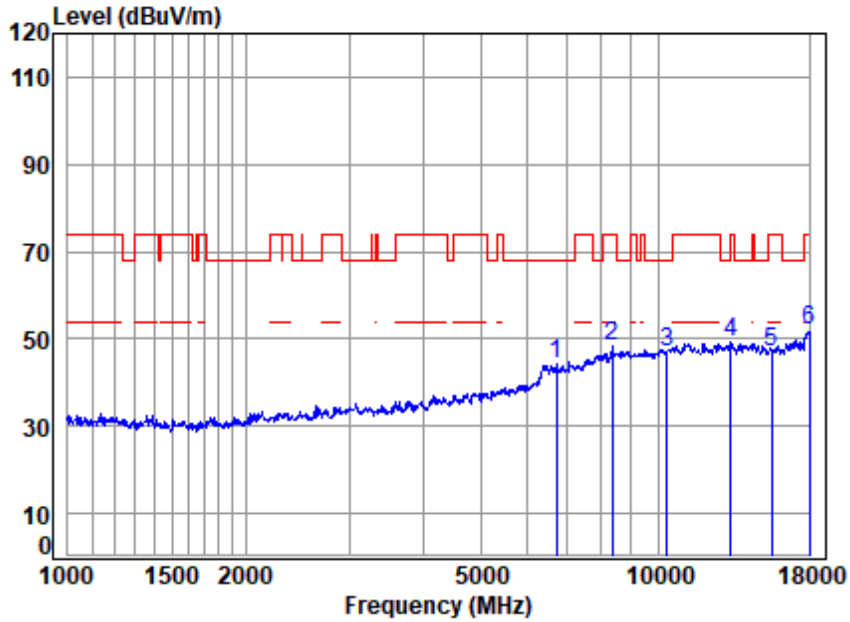
5. For devices with multiple operating modes, measurements on the middle channel is used to determine the worst-case mode(s). Only the worst case mode with the highest output power and the mode with the highest output power spectral density for each modulation family (e.g., OFDM and direct sequence spread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

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Remark: Only retain the data of the worst-case 11a and 11ac and 11ax modes.
Test Mode: 14; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

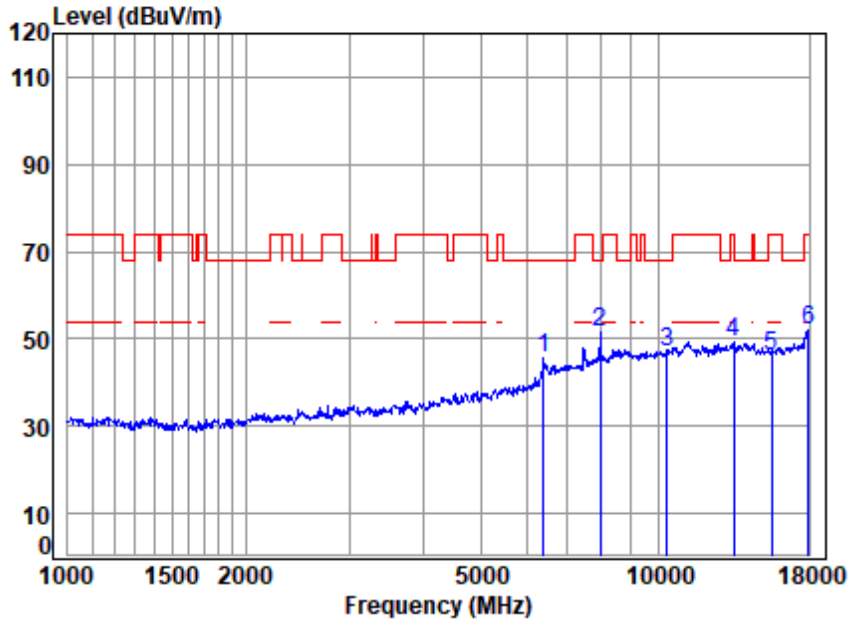



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5180 TX RSE
: 5G Wi-Fi 11A

| | 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 | 6717.762 | 11.40 | 35.51 | 56.76 | 53.90 | 44.05 | 68.20 | -24.15 | Peak |
| 2 | 8343.918 | 11.70 | 38.60 | 55.59 | 53.81 | 48.52 | 74.00 | -25.48 | Peak |
| 3 | pp10360.000 | 13.60 | 39.00 | 53.88 | 48.45 | 47.17 | 68.20 | -21.03 | peak |
| 4 | 13288.280 | 16.44 | 40.29 | 54.47 | 47.08 | 49.34 | 74.00 | -24.66 | Peak |
| 5 | 15540.000 | 17.00 | 38.56 | 54.14 | 45.61 | 47.03 | 74.00 | -26.97 | peak |
| 6 | 18000.000 | 18.35 | 43.80 | 54.50 | 44.24 | 51.89 | 74.00 | -22.11 | Peak |

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Test Mode: 14; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

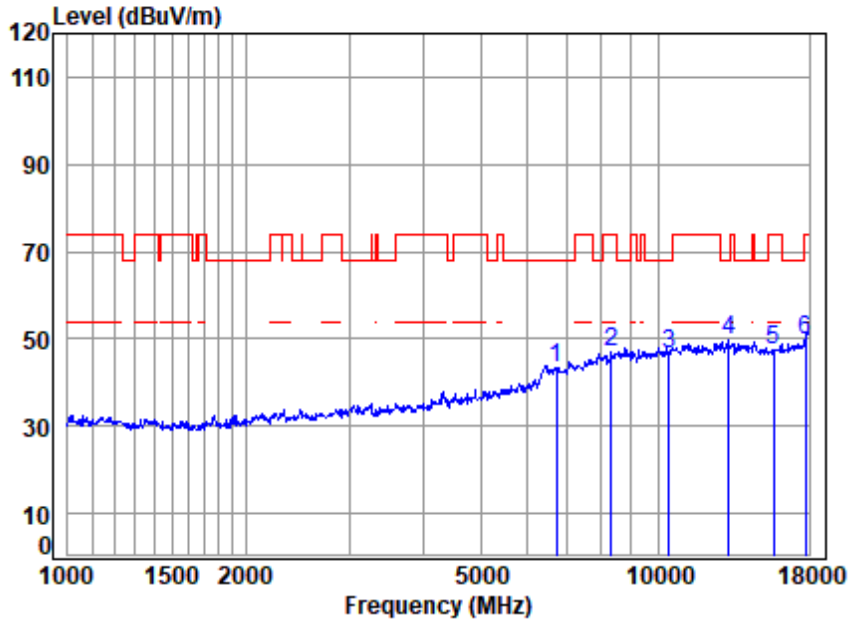



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5180 TX RSE
: 5G Wi-Fi 11A

| | 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 | 6395.654 | 13.23 | 34.79 | 56.82 | 54.33 | 45.53 | 68.20 | -22.67 | Peak |
| 2 pp | 7989.893 | 11.56 | 37.78 | 55.91 | 57.91 | 51.34 | 68.20 | -16.86 | Peak |
| 3 | 10360.000 | 13.60 | 39.00 | 53.88 | 48.41 | 47.13 | 68.20 | -21.07 | peak |
| 4 | 13404.010 | 15.91 | 40.29 | 54.46 | 47.39 | 49.13 | 68.20 | -19.07 | Peak |
| 5 | 15540.000 | 17.00 | 38.56 | 54.14 | 44.89 | 46.31 | 74.00 | -27.69 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 44.66 | 51.91 | 74.00 | -22.09 | Peak |

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Test Mode: 14; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle

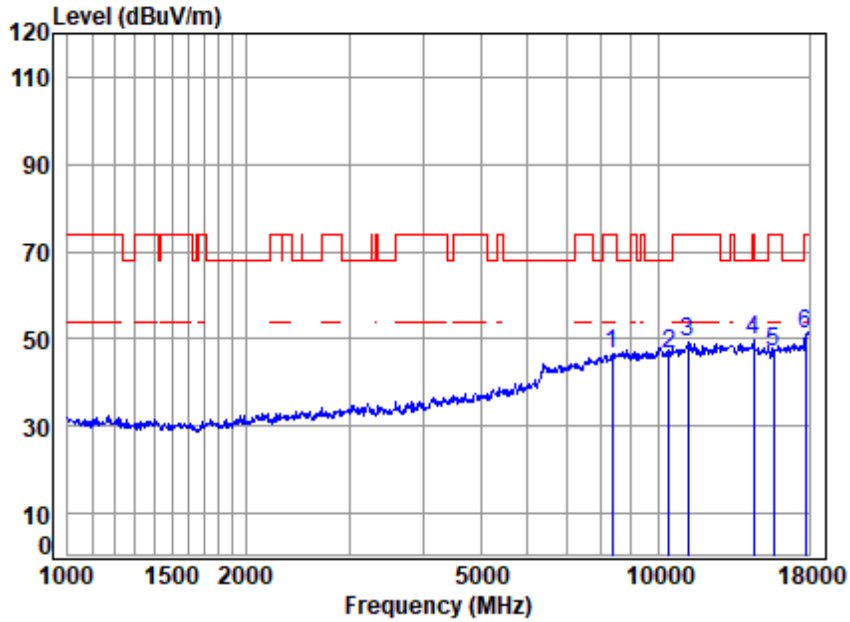



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5220 TX RSE
: 5G Wi-Fi 11A

| | 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 | 6717.762 | 11.40 | 35.51 | 56.76 | 53.24 | 43.39 | 68.20 | -24.81 | peak |
| 2 | 8319.836 | 11.73 | 38.22 | 55.61 | 52.52 | 46.86 | 74.00 | -27.14 | Peak |
| 3 | 10440.000 | 13.63 | 39.04 | 53.84 | 47.94 | 46.77 | 68.20 | -21.43 | peak |
| 4 | pp13173.560 | 15.64 | 40.23 | 54.48 | 48.25 | 49.64 | 68.20 | -18.56 | peak |
| 5 | 15660.000 | 17.23 | 38.56 | 54.10 | 45.94 | 47.63 | 74.00 | -26.37 | peak |
| 6 | 17741.740 | 18.22 | 42.09 | 54.45 | 43.91 | 49.77 | 74.00 | -24.23 | peak |

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Test Mode: 14; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle

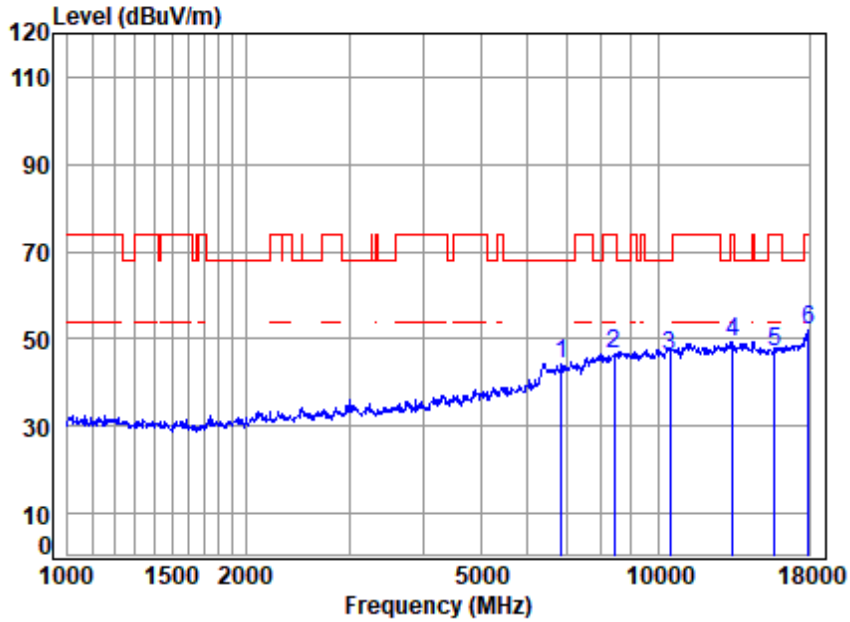



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5220 TX RSE
: 5G Wi-Fi 11A

| | 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 | 8343.918 | 11.70 | 38.60 | 55.59 | 51.89 | 46.60 | 74.00 | -27.40 | Peak |
| 2 | pp10440.000 | 13.63 | 39.04 | 53.84 | 47.54 | 46.37 | 68.20 | -21.83 | peak |
| 3 | 11204.900 | 14.75 | 39.60 | 53.56 | 48.27 | 49.06 | 74.00 | -24.94 | peak |
| 4 | 14491.960 | 17.07 | 39.51 | 54.35 | 47.52 | 49.75 | 74.00 | -24.25 | Peak |
| 5 | 15660.000 | 17.23 | 38.56 | 54.10 | 45.09 | 46.78 | 74.00 | -27.22 | peak |
| 6 | 17741.740 | 18.22 | 42.09 | 54.45 | 45.43 | 51.29 | 74.00 | -22.71 | peak |

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Test Mode: 14; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



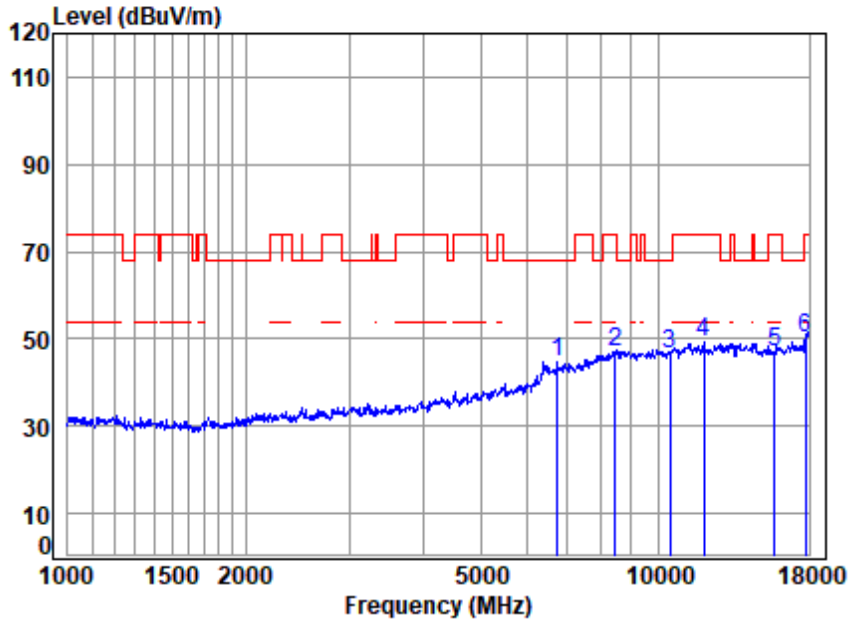

Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5240 TX RSE
: 5G Wi-Fi 11A

| | 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 | 6855.063 | 11.37 | 36.02 | 56.73 | 53.76 | 44.42 | 68.20 | -23.78 | peak |
| 2 | 8416.584 | 11.74 | 38.53 | 55.53 | 51.64 | 46.38 | 74.00 | -27.62 | Peak |
| 3 | 10480.000 | 13.64 | 39.08 | 53.81 | 47.11 | 46.02 | 68.20 | -22.18 | peak |
| 4 | 13365.320 | 16.13 | 40.30 | 54.46 | 47.23 | 49.20 | 74.00 | -24.80 | peak |
| 5 | 15720.000 | 17.22 | 38.58 | 54.08 | 45.20 | 46.92 | 74.00 | -27.08 | peak |
| 6 | pp17948.050 | 18.30 | 43.44 | 54.49 | 44.81 | 52.06 | 74.00 | -21.94 | Peak |

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Test Mode: 14; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High

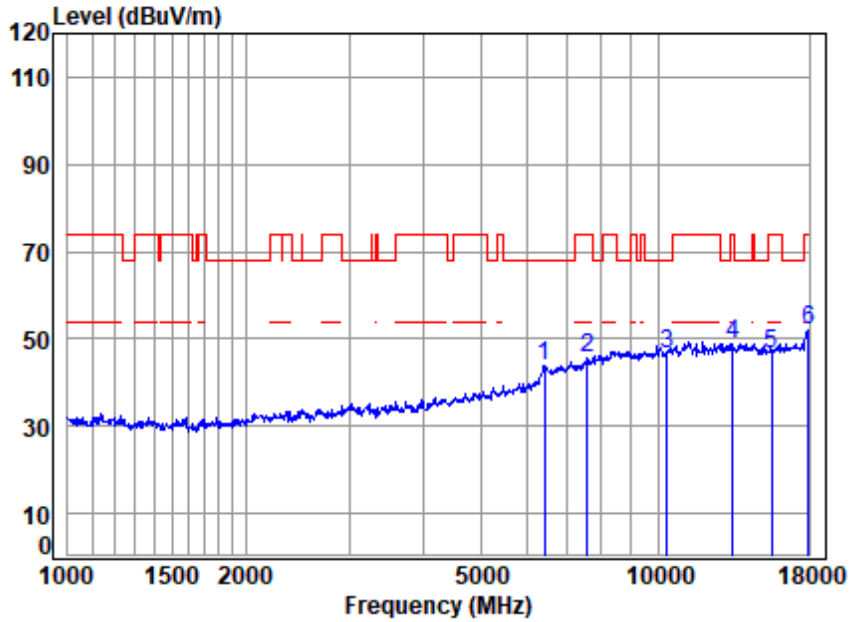



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5240 TX RSE
: 5G Wi-Fi 11A

| | 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 | 6756.708 | 11.39 | 35.73 | 56.75 | 54.29 | 44.66 | 68.20 | -23.54 | peak |
| 2 | 8440.945 | 11.91 | 38.44 | 55.50 | 52.26 | 47.11 | 74.00 | -26.89 | Peak |
| 3 | pp10480.000 | 13.64 | 39.08 | 53.81 | 47.52 | 46.43 | 68.20 | -21.77 | peak |
| 4 | 11940.540 | 14.77 | 39.74 | 53.78 | 48.53 | 49.26 | 74.00 | -24.74 | peak |
| 5 | 15720.000 | 17.22 | 38.58 | 54.08 | 45.37 | 47.09 | 74.00 | -26.91 | peak |
| 6 | 17741.740 | 18.22 | 42.09 | 54.45 | 44.24 | 50.10 | 74.00 | -23.90 | peak |

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Test Mode: 14; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low

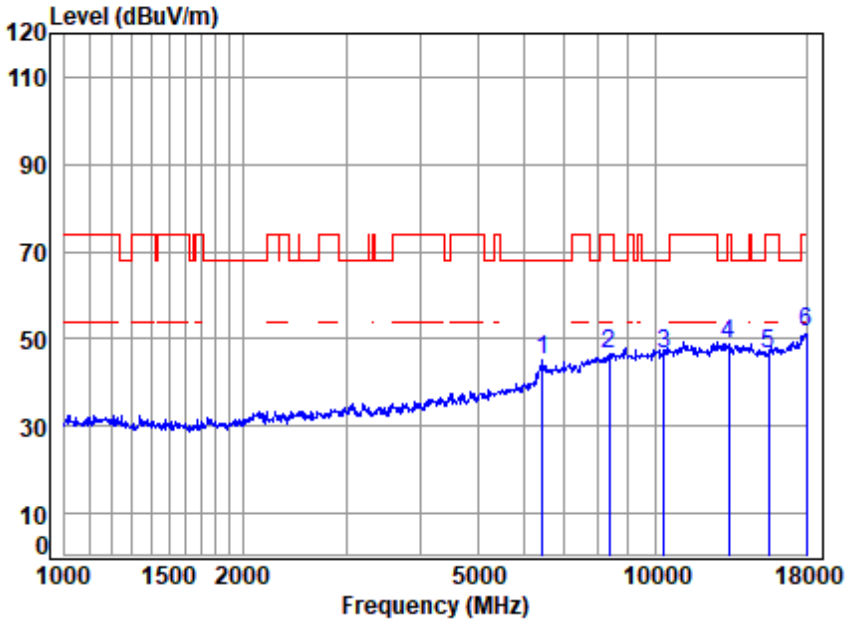



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5180 TX RSE
: 5G Wi-Fi 11AX20

| | 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 | 6414.167 | 13.10 | 34.80 | 56.82 | 52.87 | 43.95 | 68.20 | -24.25 | Peak |
| 2 | 7584.833 | 11.11 | 36.80 | 56.23 | 54.16 | 45.84 | 74.00 | -28.16 | Peak |
| 3 | pp10360.000 | 13.60 | 39.00 | 53.88 | 47.92 | 46.64 | 68.20 | -21.56 | peak |
| 4 | 13365.320 | 16.13 | 40.30 | 54.46 | 46.80 | 48.77 | 74.00 | -25.23 | Peak |
| 5 | 15540.000 | 17.00 | 38.56 | 54.14 | 45.04 | 46.46 | 74.00 | -27.54 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 44.75 | 52.00 | 74.00 | -22.00 | Peak |

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Test Mode: 14; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low

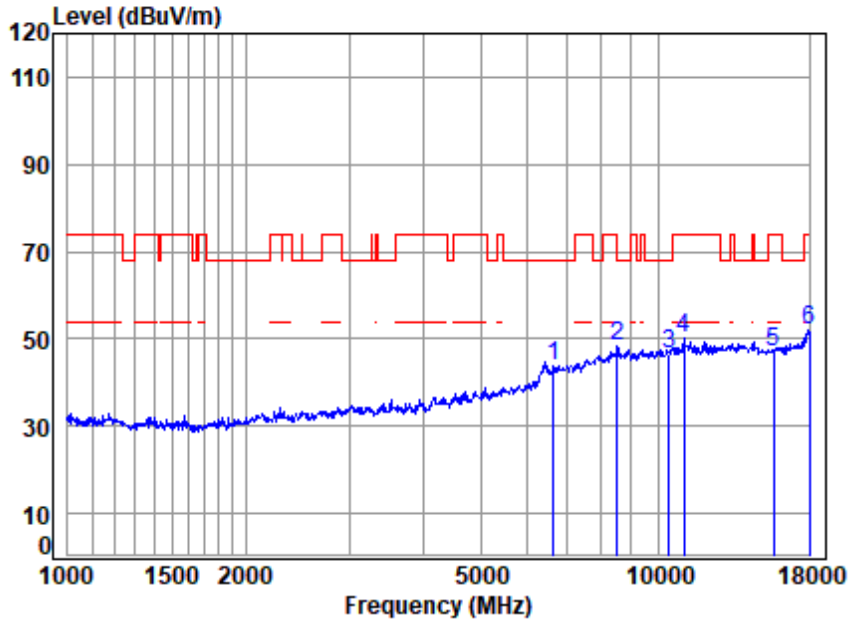



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5180 TX RSE
: 5G Wi-Fi 11AX20

| | 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 | 6451.353 | 12.48 | 34.80 | 56.81 | 54.71 | 45.18 | 68.20 | -23.02 | Peak |
| 2 | 8368.069 | 11.67 | 38.66 | 55.57 | 51.70 | 46.46 | 74.00 | -27.54 | Peak |
| 3 | pp10360.000 | 13.60 | 39.00 | 53.88 | 47.94 | 46.66 | 68.20 | -21.54 | peak |
| 4 | 13326.750 | 16.37 | 40.30 | 54.47 | 46.51 | 48.71 | 74.00 | -25.29 | Peak |
| 5 | 15540.000 | 17.00 | 38.56 | 54.14 | 45.22 | 46.64 | 74.00 | -27.36 | peak |
| 6 | 18000.000 | 18.35 | 43.80 | 54.50 | 43.87 | 51.52 | 74.00 | -22.48 | Peak |

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Test Mode: 14; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle

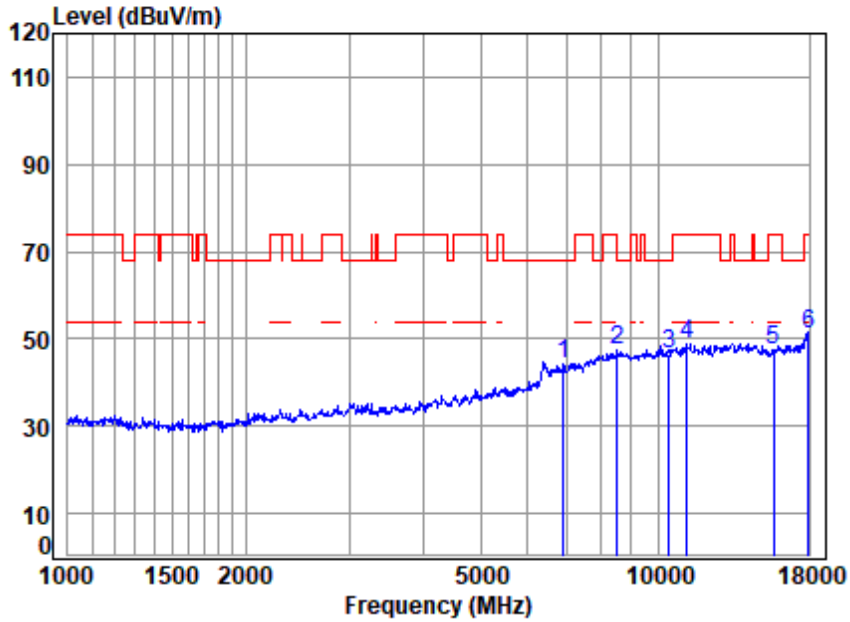



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5220 TX RSE
: 5G Wi-Fi 11AX20

| | 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 | 6640.542 | 11.52 | 35.44 | 56.77 | 53.65 | 43.84 | 68.20 | -24.36 | peak |
| 2 pp | 8514.456 | 12.26 | 38.30 | 55.44 | 53.07 | 48.19 | 68.20 | -20.01 | Peak |
| 3 | 10440.000 | 13.63 | 39.04 | 53.84 | 47.50 | 46.33 | 68.20 | -21.87 | peak |
| 4 | 11044.130 | 14.39 | 39.44 | 53.51 | 49.93 | 50.25 | 74.00 | -23.75 | peak |
| 5 | 15660.000 | 17.23 | 38.56 | 54.10 | 45.36 | 47.05 | 74.00 | -26.95 | peak |
| 6 | 18000.000 | 18.35 | 43.80 | 54.50 | 44.35 | 52.00 | 74.00 | -22.00 | Peak |

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Test Mode: 14; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle

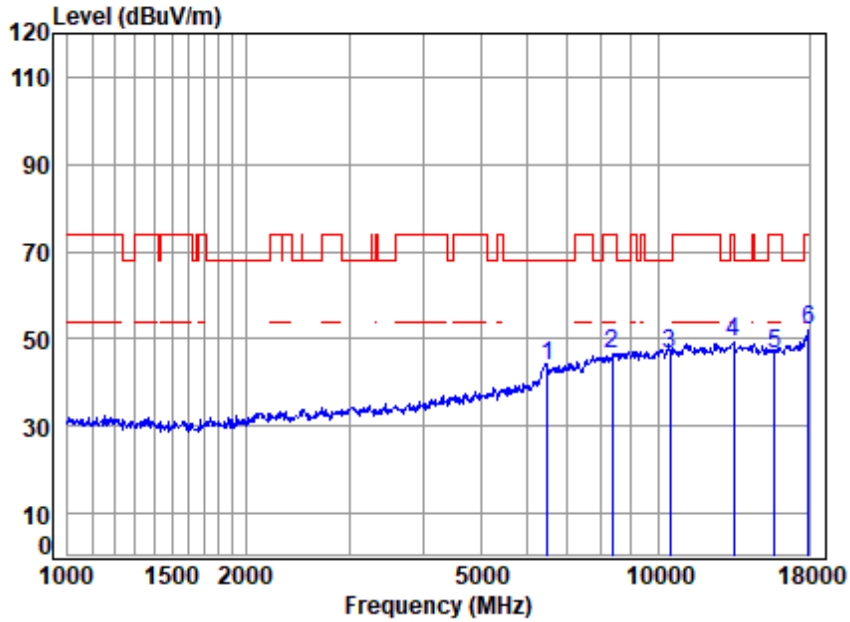



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5220 TX RSE
: 5G Wi-Fi 11AX20

| | 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 | 6914.763 | 11.37 | 36.17 | 56.72 | 53.25 | 44.07 | 68.20 | -24.13 | peak |
| 2 pp | 8514.456 | 12.26 | 38.30 | 55.44 | 52.11 | 47.23 | 68.20 | -20.97 | Peak |
| 3 | 10440.000 | 13.63 | 39.04 | 53.84 | 47.52 | 46.35 | 68.20 | -21.85 | peak |
| 4 | 11172.560 | 14.73 | 39.57 | 53.55 | 48.22 | 48.97 | 74.00 | -25.03 | peak |
| 5 | 15660.000 | 17.23 | 38.56 | 54.10 | 45.84 | 47.53 | 74.00 | -26.47 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 44.06 | 51.31 | 74.00 | -22.69 | Peak |

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Test Mode: 14; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High



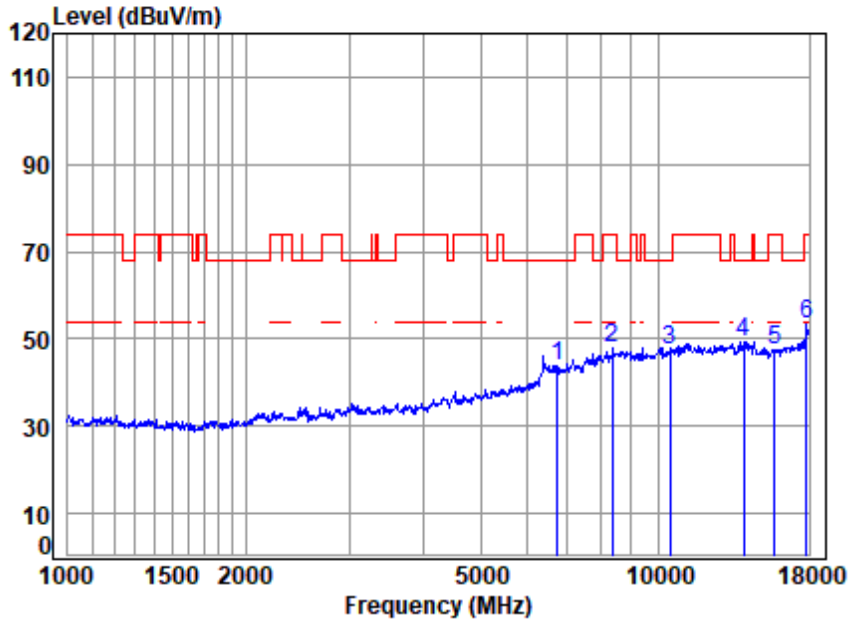

Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5240 TX RSE
: 5G Wi-Fi 11AX20

| | 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 | 6488.754 | 11.86 | 34.88 | 56.80 | 53.98 | 43.92 | 68.20 | -24.28 | peak |
| 2 | 8368.069 | 11.67 | 38.66 | 55.57 | 51.70 | 46.46 | 74.00 | -27.54 | Peak |
| 3 | 10480.000 | 13.64 | 39.08 | 53.81 | 47.46 | 46.37 | 68.20 | -21.83 | peak |
| 4 | pp13404.010 | 15.91 | 40.29 | 54.46 | 47.43 | 49.17 | 68.20 | -19.03 | peak |
| 5 | 15720.000 | 17.22 | 38.58 | 54.08 | 44.89 | 46.61 | 74.00 | -27.39 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 44.71 | 51.96 | 74.00 | -22.04 | Peak |

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Test Mode: 14; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High

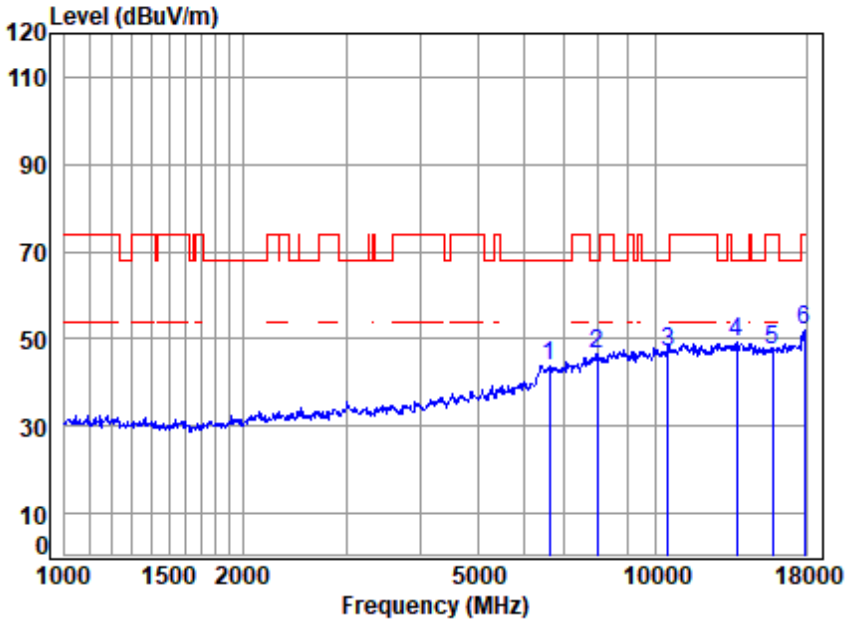



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5240 TX RSE
: 5G Wi-Fi 11AX20

| | 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 | 6756.708 | 11.39 | 35.73 | 56.75 | 53.47 | 43.84 | 68.20 | -24.36 | peak |
| 2 | 8368.069 | 11.67 | 38.66 | 55.57 | 53.05 | 47.81 | 74.00 | -26.19 | Peak |
| 3 | 10480.000 | 13.64 | 39.08 | 53.81 | 48.36 | 47.27 | 68.20 | -20.93 | peak |
| 4 | pp13957.530 | 16.25 | 39.90 | 54.40 | 47.38 | 49.13 | 68.20 | -19.07 | peak |
| 5 | 15720.000 | 17.22 | 38.58 | 54.08 | 45.55 | 47.27 | 74.00 | -26.73 | peak |
| 6 | 17844.590 | 18.21 | 42.77 | 54.47 | 46.65 | 53.16 | 74.00 | -20.84 | Peak |

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Test Mode: 15; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

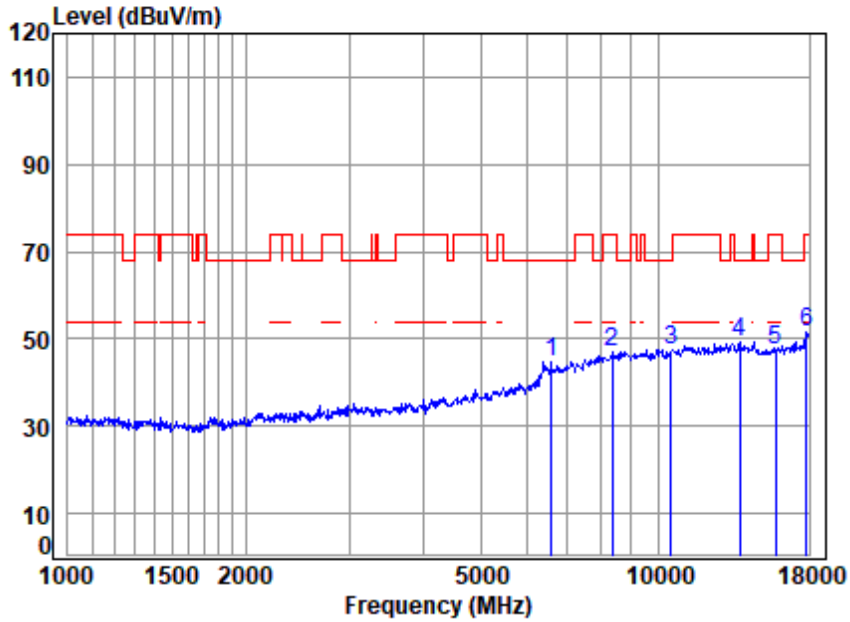



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5260 TX RSE
: 5G Wi-Fi 11A

| | 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 | 6621.375 | 11.56 | 35.33 | 56.78 | 53.48 | 43.59 | 68.20 | -24.61 | peak |
| 2 | 7966.832 | 11.55 | 37.73 | 55.93 | 53.35 | 46.70 | 68.20 | -21.50 | Peak |
| 3 | 10520.000 | 13.63 | 39.14 | 53.79 | 48.16 | 47.14 | 68.20 | -21.06 | peak |
| 4 | pp13717.560 | 16.33 | 39.98 | 54.43 | 47.40 | 49.28 | 68.20 | -18.92 | peak |
| 5 | 15780.000 | 17.08 | 38.52 | 54.07 | 46.04 | 47.57 | 74.00 | -26.43 | peak |
| 6 | 17896.250 | 18.25 | 43.08 | 54.48 | 45.26 | 52.11 | 74.00 | -21.89 | Peak |

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Member of the SGS Group (SGS SA)

Test Mode: 15; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

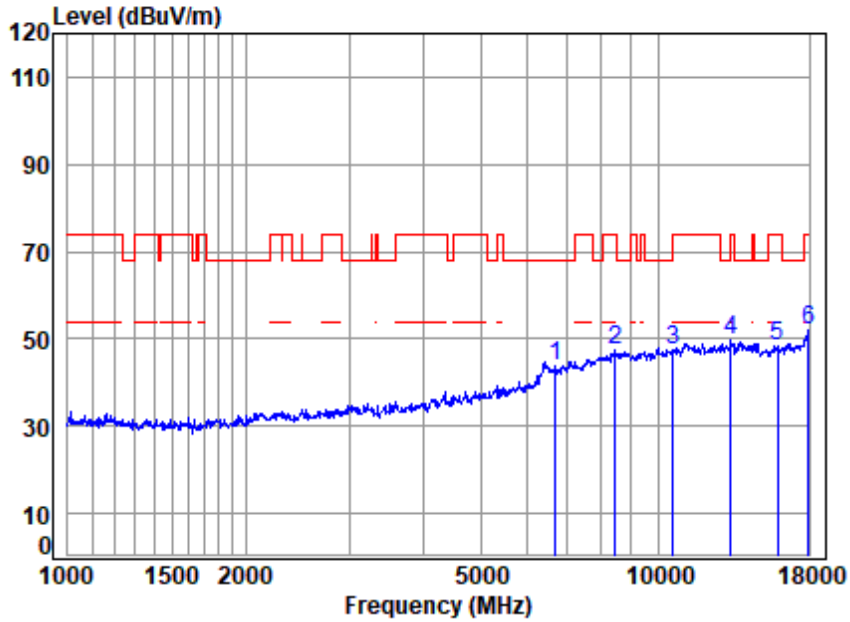



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5260 TX RSE
: 5G Wi-Fi 11A

| | 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 | 6583.209 | 11.61 | 35.13 | 56.78 | 54.57 | 44.53 | 68.20 | -23.67 | peak |
| 2 | 8343.918 | 11.70 | 38.60 | 55.59 | 52.39 | 47.10 | 74.00 | -26.90 | Peak |
| 3 | 10520.000 | 13.63 | 39.14 | 53.79 | 48.49 | 47.47 | 68.20 | -20.73 | peak |
| 4 | pp13757.270 | 16.15 | 39.94 | 54.42 | 47.83 | 49.50 | 68.20 | -18.70 | peak |
| 5 | 15780.000 | 17.08 | 38.52 | 54.07 | 46.05 | 47.58 | 74.00 | -26.42 | peak |
| 6 | 17844.590 | 18.21 | 42.77 | 54.47 | 45.04 | 51.55 | 74.00 | -22.45 | Peak |

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Test Mode: 15; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



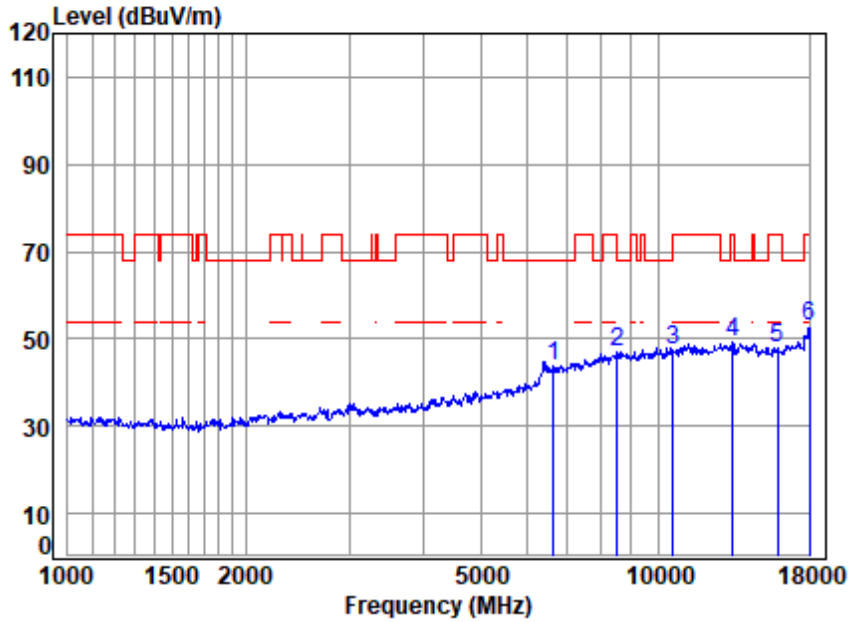

Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5300 TX RSE
: 5G Wi-Fi 11A

| | 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 | 6698.373 | 11.41 | 35.40 | 56.76 | 53.77 | 43.82 | 68.20 | -24.38 | peak |
| 2 | 8440.945 | 11.91 | 38.44 | 55.50 | 52.67 | 47.52 | 74.00 | -26.48 | Peak |
| 3 | 10600.000 | 13.59 | 39.30 | 53.74 | 48.47 | 47.62 | 68.20 | -20.58 | peak |
| 4 | pp13249.930 | 16.11 | 40.25 | 54.48 | 47.82 | 49.70 | 68.20 | -18.50 | peak |
| 5 | 15900.000 | 17.28 | 38.70 | 54.03 | 46.47 | 48.42 | 74.00 | -25.58 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 44.91 | 52.16 | 74.00 | -21.84 | Peak |

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch Electromagnetic Compatibility Laboratory
检验检测专用章 Inspection & Testing Services

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Test Mode: 15; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle

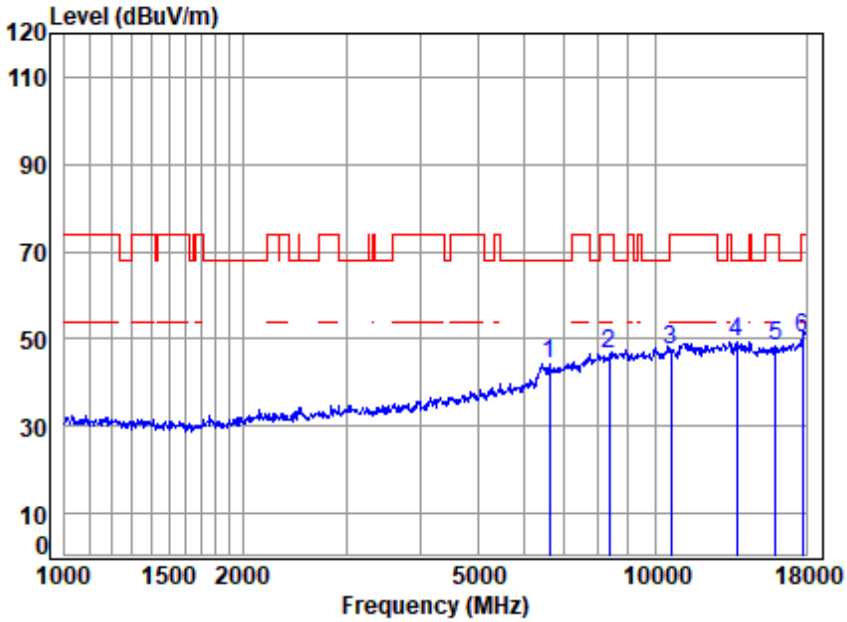



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5300 TX RSE
: 5G Wi-Fi 11A

| | 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 | 6640.542 | 11.52 | 35.44 | 56.77 | 53.76 | 43.95 | 68.20 | -24.25 | peak |
| 2 | 8514.456 | 12.26 | 38.30 | 55.44 | 51.67 | 46.79 | 68.20 | -21.41 | Peak |
| 3 | pp10600.000 | 13.59 | 39.30 | 53.74 | 48.15 | 47.30 | 68.20 | -20.90 | peak |
| 4 | 13365.320 | 16.13 | 40.30 | 54.46 | 47.51 | 49.48 | 74.00 | -24.52 | peak |
| 5 | 15900.000 | 17.28 | 38.70 | 54.03 | 45.90 | 47.85 | 74.00 | -26.15 | peak |
| 6 | 18000.000 | 18.35 | 43.80 | 54.50 | 45.11 | 52.76 | 74.00 | -21.24 | Peak |

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Test Mode: 15; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High

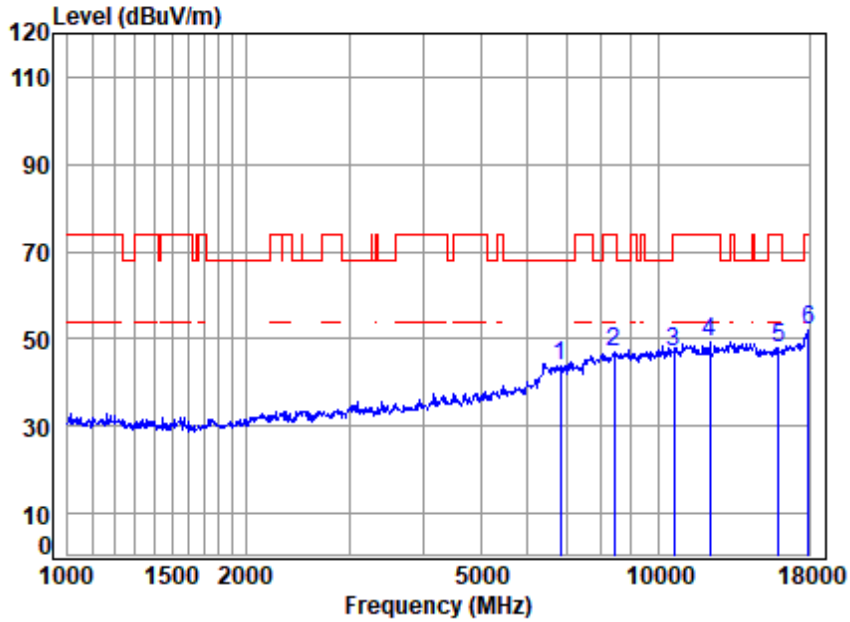



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5320 TX RSE
: 5G Wi-Fi 11A

| | 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 | 6621.375 | 11.56 | 35.33 | 56.78 | 54.09 | 44.20 | 68.20 | -24.00 | peak |
| 2 | 8368.069 | 11.67 | 38.66 | 55.57 | 51.67 | 46.43 | 74.00 | -27.57 | Peak |
| 3 | 10640.000 | 13.77 | 39.34 | 53.72 | 47.93 | 47.32 | 74.00 | -26.68 | peak |
| 4 | pp13757.270 | 16.15 | 39.94 | 54.42 | 47.49 | 49.16 | 68.20 | -19.04 | peak |
| 5 | 15960.000 | 17.20 | 38.64 | 54.01 | 46.51 | 48.34 | 74.00 | -25.66 | peak |
| 6 | 17741.740 | 18.22 | 42.09 | 54.45 | 44.23 | 50.09 | 74.00 | -23.91 | peak |

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Test Mode: 15; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High

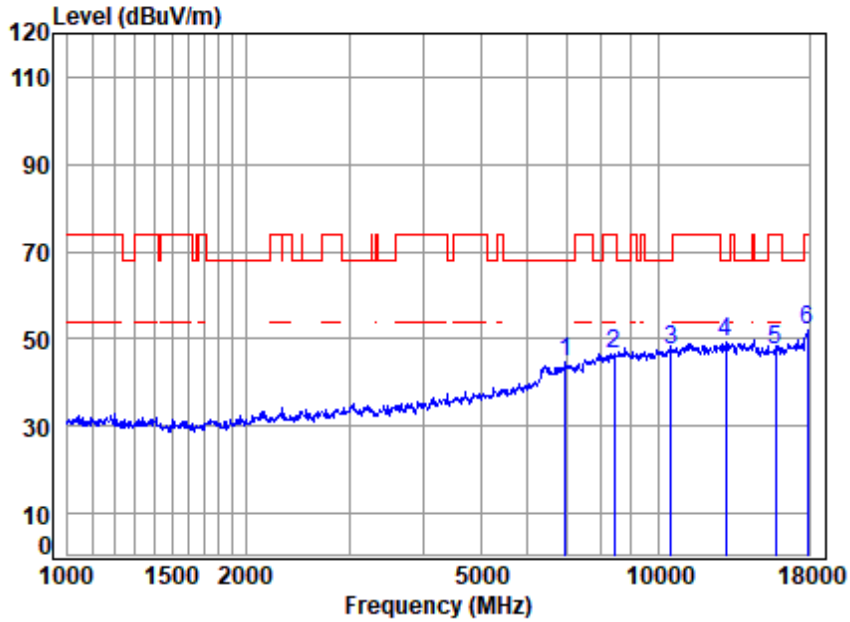



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5320 TX RSE
: 5G Wi-Fi 11A

| | 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 | 6815.551 | 11.37 | 35.93 | 56.74 | 53.18 | 43.74 | 68.20 | -24.46 | peak |
| 2 | 8416.584 | 11.74 | 38.53 | 55.53 | 52.18 | 46.92 | 74.00 | -27.08 | Peak |
| 3 | 10640.000 | 13.77 | 39.34 | 53.72 | 47.46 | 46.85 | 74.00 | -27.15 | peak |
| 4 | 12219.850 | 14.58 | 39.88 | 53.95 | 48.74 | 49.25 | 74.00 | -24.75 | peak |
| 5 | 15960.000 | 17.20 | 38.64 | 54.01 | 46.14 | 47.97 | 74.00 | -26.03 | peak |
| 6 | pp17948.050 | 18.30 | 43.44 | 54.49 | 44.67 | 51.92 | 74.00 | -22.08 | Peak |

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Test Mode: 15; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low

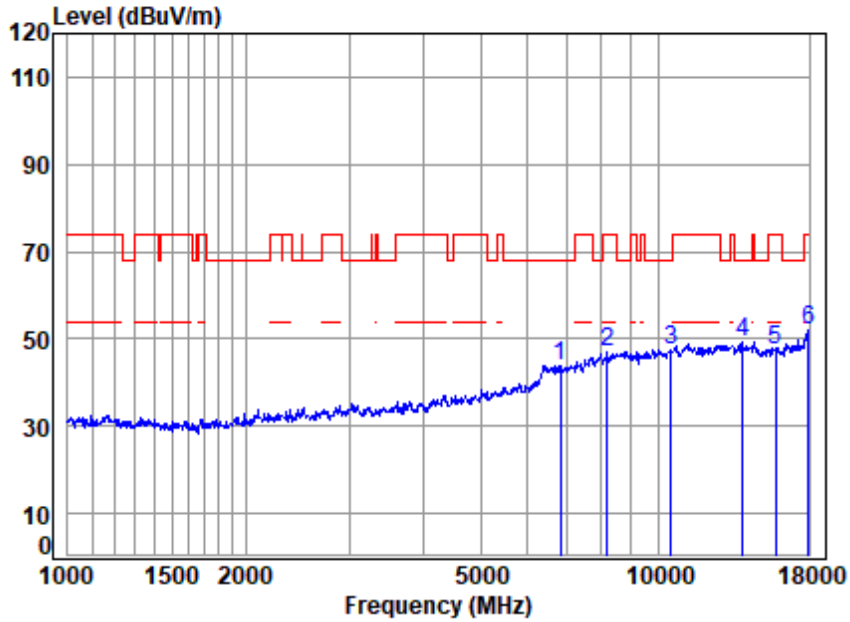



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5260 TX RSE
: 5G Wi-Fi 11AX20

| | 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 | 6954.852 | 11.37 | 36.11 | 56.71 | 53.92 | 44.69 | 68.20 | -23.51 | peak |
| 2 | 8416.584 | 11.74 | 38.53 | 55.53 | 51.67 | 46.41 | 74.00 | -27.59 | Peak |
| 3 | 10520.000 | 13.63 | 39.14 | 53.79 | 48.44 | 47.42 | 68.20 | -20.78 | peak |
| 4 | pp12984.540 | 15.88 | 40.32 | 54.49 | 47.36 | 49.07 | 68.20 | -19.13 | peak |
| 5 | 15780.000 | 17.08 | 38.52 | 54.07 | 46.11 | 47.64 | 74.00 | -26.36 | peak |
| 6 | 17896.250 | 18.25 | 43.08 | 54.48 | 45.16 | 52.01 | 74.00 | -21.99 | Peak |

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Test Mode: 15; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low

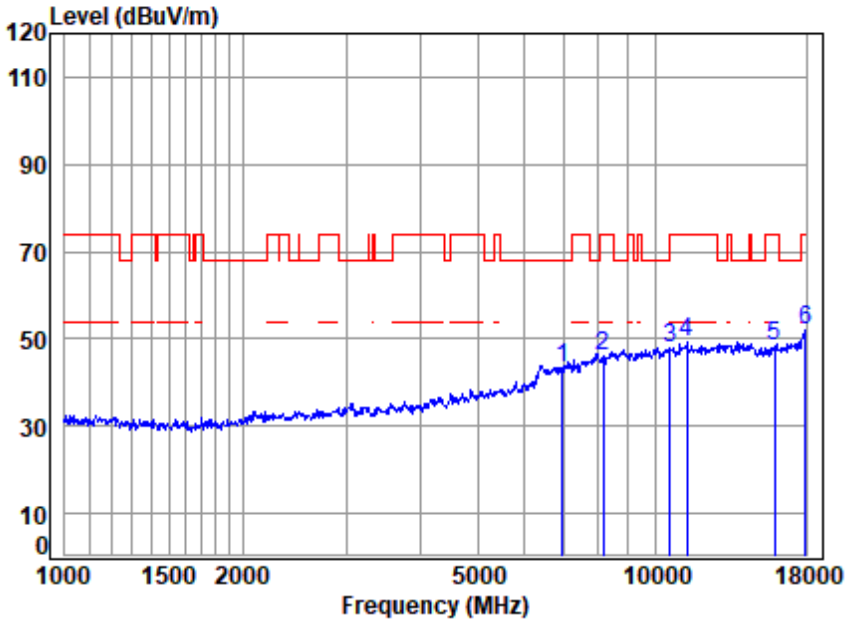



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5260 TX RSE
: 5G Wi-Fi 11AX20

| | 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 | 6835.278 | 11.37 | 35.97 | 56.73 | 53.15 | 43.76 | 68.20 | -24.44 | peak |
| 2 | 8200.463 | 11.57 | 38.00 | 55.72 | 53.07 | 46.92 | 74.00 | -27.08 | Peak |
| 3 | 10520.000 | 13.63 | 39.14 | 53.79 | 48.43 | 47.41 | 68.20 | -20.79 | peak |
| 4 | pp13917.240 | 16.03 | 39.90 | 54.41 | 47.61 | 49.13 | 68.20 | -19.07 | peak |
| 5 | 15780.000 | 17.08 | 38.52 | 54.07 | 45.85 | 47.38 | 74.00 | -26.62 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 44.84 | 52.09 | 74.00 | -21.91 | Peak |

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Test Mode: 15; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle

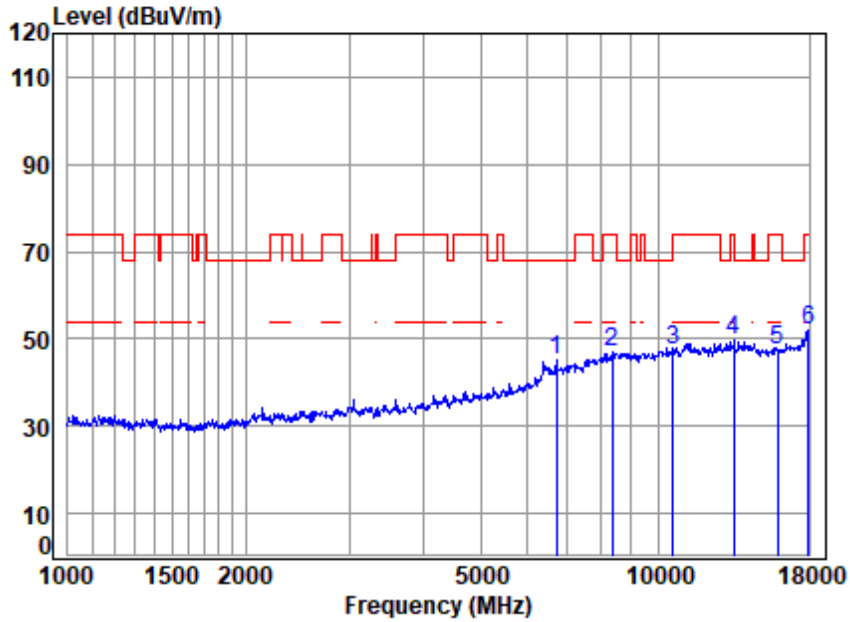



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5300 TX RSE
: 5G Wi-Fi 11AX20

| | 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 | 6954.852 | 11.37 | 36.11 | 56.71 | 52.58 | 43.35 | 68.20 | -24.85 | peak |
| 2 | 8153.195 | 11.51 | 37.91 | 55.76 | 52.35 | 46.01 | 74.00 | -27.99 | Peak |
| 3 | pp10600.000 | 13.59 | 39.30 | 53.74 | 48.63 | 47.78 | 68.20 | -20.42 | peak |
| 4 | 11302.480 | 14.63 | 39.70 | 53.59 | 48.71 | 49.45 | 74.00 | -24.55 | peak |
| 5 | 15900.000 | 17.28 | 38.70 | 54.03 | 46.19 | 48.14 | 74.00 | -25.86 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 44.86 | 52.11 | 74.00 | -21.89 | Peak |

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Member of the SGS Group (SGS SA)

Test Mode: 15; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle

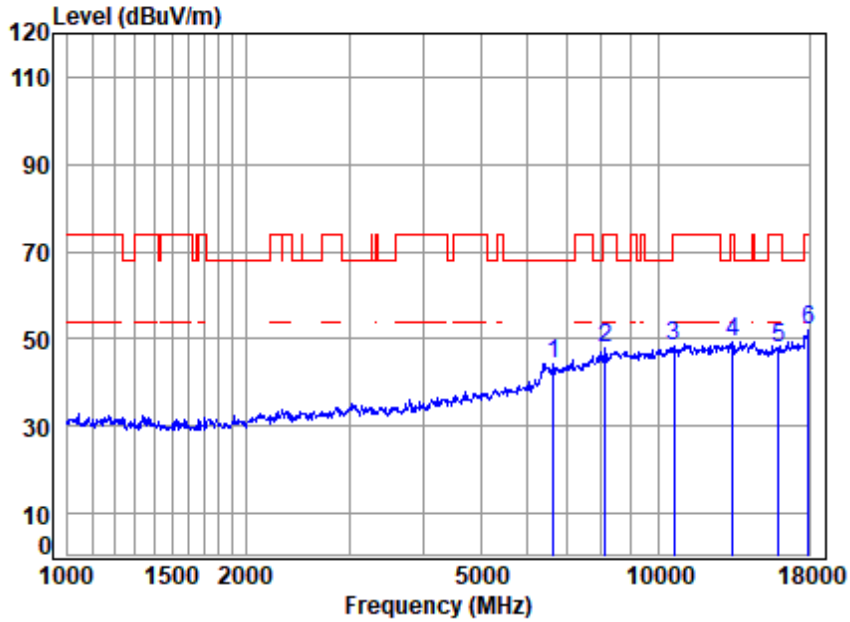



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5300 TX RSE
: 5G Wi-Fi 11AX20

| | 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 | 6717.762 | 11.40 | 35.51 | 56.76 | 54.93 | 45.08 | 68.20 | -23.12 | peak |
| 2 | 8343.918 | 11.70 | 38.60 | 55.59 | 52.46 | 47.17 | 74.00 | -26.83 | Peak |
| 3 | 10600.000 | 13.59 | 39.30 | 53.74 | 48.38 | 47.53 | 68.20 | -20.67 | peak |
| 4 | pp13442.810 | 15.87 | 40.21 | 54.46 | 47.95 | 49.57 | 68.20 | -18.63 | peak |
| 5 | 15900.000 | 17.28 | 38.70 | 54.03 | 45.35 | 47.30 | 74.00 | -26.70 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 44.60 | 51.85 | 74.00 | -22.15 | Peak |

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Test Mode: 15; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High

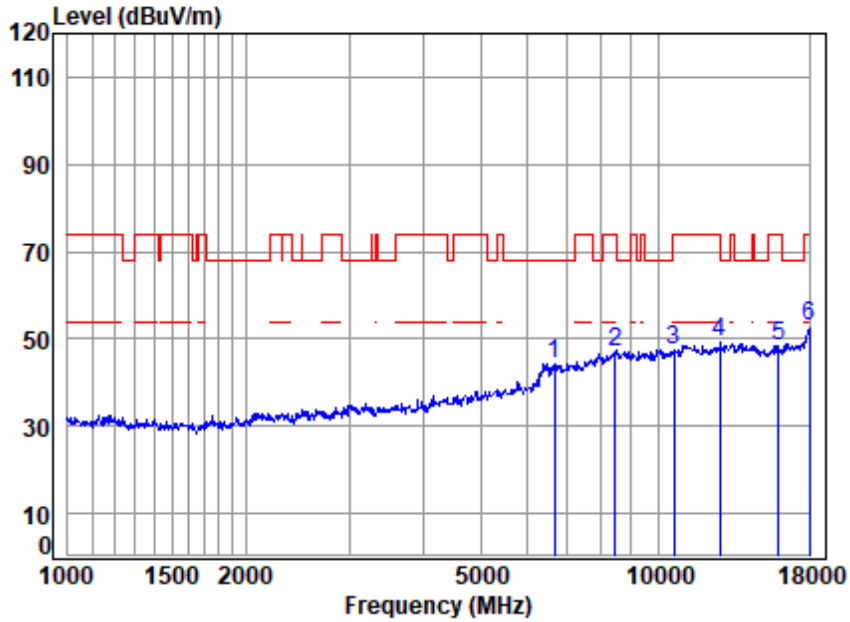



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5320 TX RSE
: 5G Wi-Fi 11AX20

| | 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 | 6640.542 | 11.52 | 35.44 | 56.77 | 53.93 | 44.12 | 68.20 | -24.08 | peak |
| 2 | 8129.664 | 11.49 | 37.86 | 55.78 | 54.15 | 47.72 | 74.00 | -26.28 | Peak |
| 3 | 10640.000 | 13.77 | 39.34 | 53.72 | 49.12 | 48.51 | 74.00 | -25.49 | peak |
| 4 | 13365.320 | 16.13 | 40.30 | 54.46 | 47.12 | 49.09 | 74.00 | -24.91 | peak |
| 5 | 15960.000 | 17.20 | 38.64 | 54.01 | 46.10 | 47.93 | 74.00 | -26.07 | peak |
| 6 | pp17948.050 | 18.30 | 43.44 | 54.49 | 44.56 | 51.81 | 74.00 | -22.19 | Peak |

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Member of the SGS Group (SGS SA)

Test Mode: 15; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High

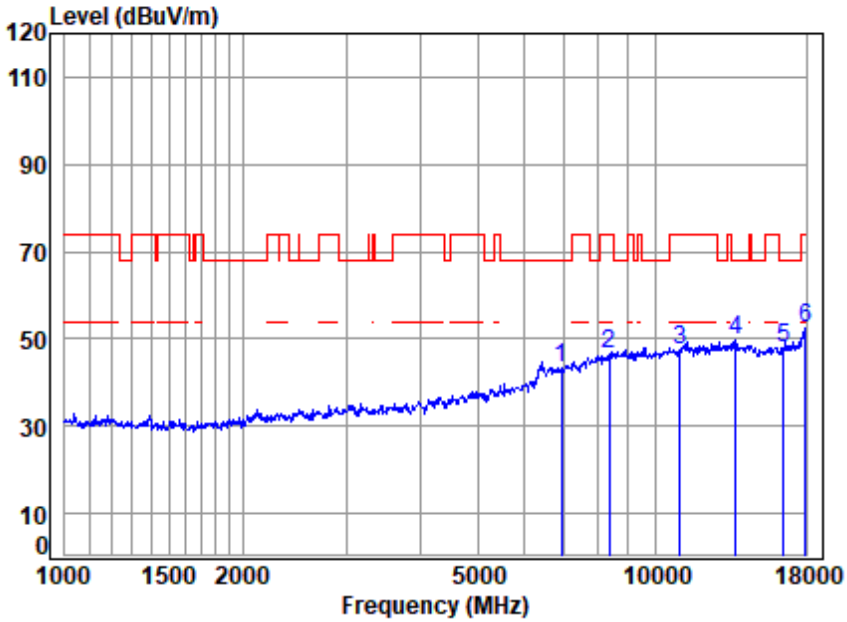



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5320 TX RSE
: 5G Wi-Fi 11AX20

| | 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 | 6659.763 | 11.49 | 35.48 | 56.77 | 54.01 | 44.21 | 68.20 | -23.99 | peak |
| 2 | 8440.945 | 11.91 | 38.44 | 55.50 | 52.17 | 47.02 | 74.00 | -26.98 | Peak |
| 3 | 10640.000 | 13.77 | 39.34 | 53.72 | 48.25 | 47.64 | 74.00 | -26.36 | peak |
| 4 | pp12724.470 | 15.53 | 40.22 | 54.31 | 47.70 | 49.14 | 68.20 | -19.06 | peak |
| 5 | 15960.000 | 17.20 | 38.64 | 54.01 | 46.41 | 48.24 | 74.00 | -25.76 | peak |
| 6 | 18000.000 | 18.35 | 43.80 | 54.50 | 45.47 | 53.12 | 74.00 | -20.88 | Peak |

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Test Mode: 16; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

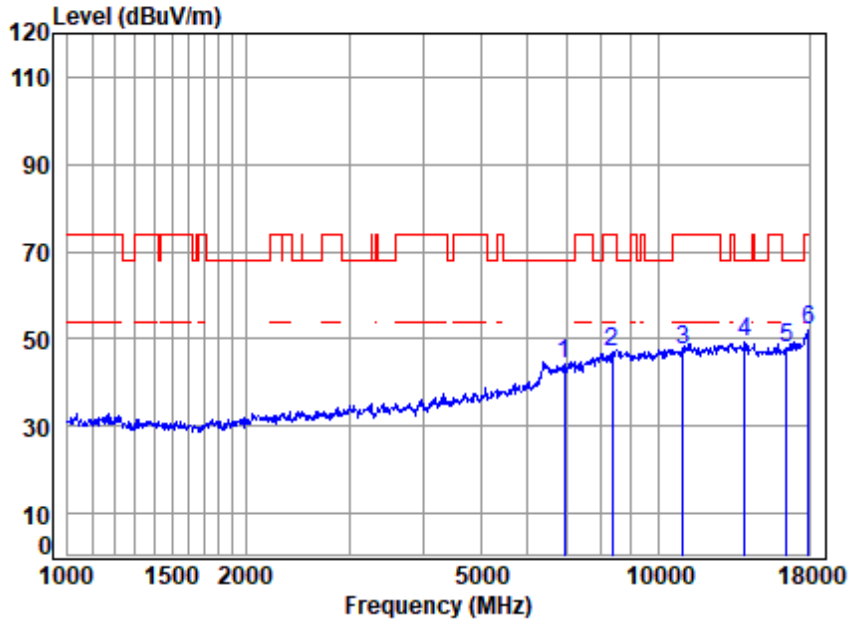



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5500 TX RSE
: 5G Wi-Fi 11A

| | 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 | 6934.778 | 11.37 | 36.13 | 56.71 | 52.66 | 43.45 | 68.20 | -24.75 | peak |
| 2 | 8343.918 | 11.70 | 38.60 | 55.59 | 52.04 | 46.75 | 74.00 | -27.25 | Peak |
| 3 | 11000.000 | 14.17 | 39.40 | 53.50 | 47.34 | 47.41 | 74.00 | -26.59 | peak |
| 4 | pp13677.970 | 16.27 | 40.00 | 54.43 | 47.75 | 49.59 | 68.20 | -18.61 | peak |
| 5 | 16500.000 | 17.74 | 38.90 | 54.15 | 45.44 | 47.93 | 68.20 | -20.27 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 45.30 | 52.55 | 74.00 | -21.45 | Peak |

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Test Mode: 16; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

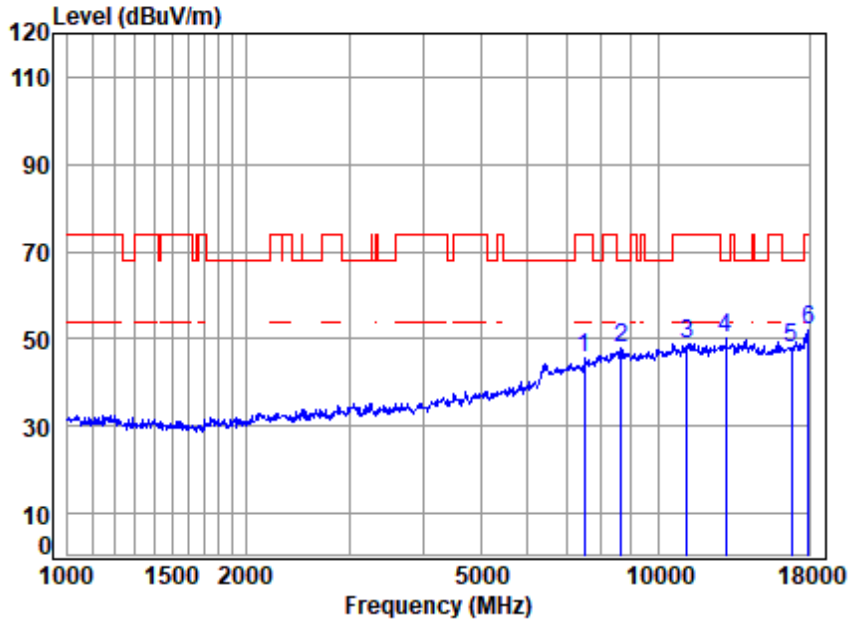



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5500 TX RSE
: 5G Wi-Fi 11A

| | 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 | 6934.778 | 11.37 | 36.13 | 56.71 | 53.31 | 44.10 | 68.20 | -24.10 | peak |
| 2 | 8343.918 | 11.70 | 38.60 | 55.59 | 52.34 | 47.05 | 74.00 | -26.95 | Peak |
| 3 | 11000.000 | 14.17 | 39.40 | 53.50 | 47.19 | 47.26 | 74.00 | -26.74 | peak |
| 4 | pp13997.930 | 16.46 | 39.90 | 54.40 | 47.20 | 49.16 | 68.20 | -19.04 | peak |
| 5 | 16500.000 | 17.74 | 38.90 | 54.15 | 45.45 | 47.94 | 68.20 | -20.26 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 44.77 | 52.02 | 74.00 | -21.98 | Peak |

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Test Mode: 16; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle

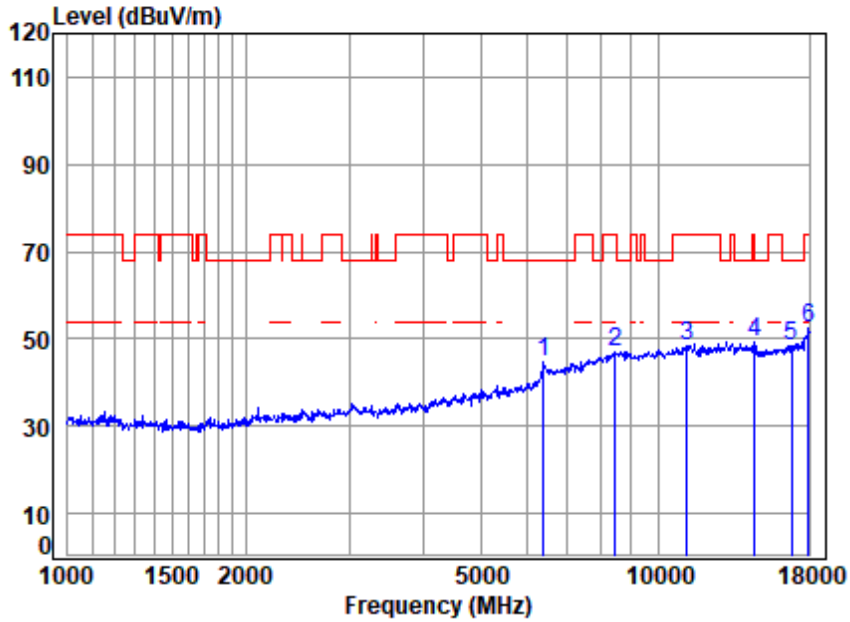



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5600 TX RSE
: 5G Wi-Fi 11A

| | 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 | 7497.646 | 11.24 | 36.80 | 56.30 | 53.72 | 45.46 | 74.00 | -28.54 | Peak |
| 2 | 8663.404 | 12.04 | 38.45 | 55.30 | 52.51 | 47.70 | 68.20 | -20.50 | peak |
| 3 | 11200.000 | 14.76 | 39.60 | 53.56 | 48.07 | 48.87 | 74.00 | -25.13 | peak |
| 4 | pp13022.130 | 15.82 | 40.30 | 54.50 | 48.50 | 50.12 | 68.20 | -18.08 | Peak |
| 5 | 16800.000 | 17.46 | 39.60 | 54.24 | 45.29 | 48.11 | 68.20 | -20.09 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 44.94 | 52.19 | 74.00 | -21.81 | Peak |

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Test Mode: 16; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle



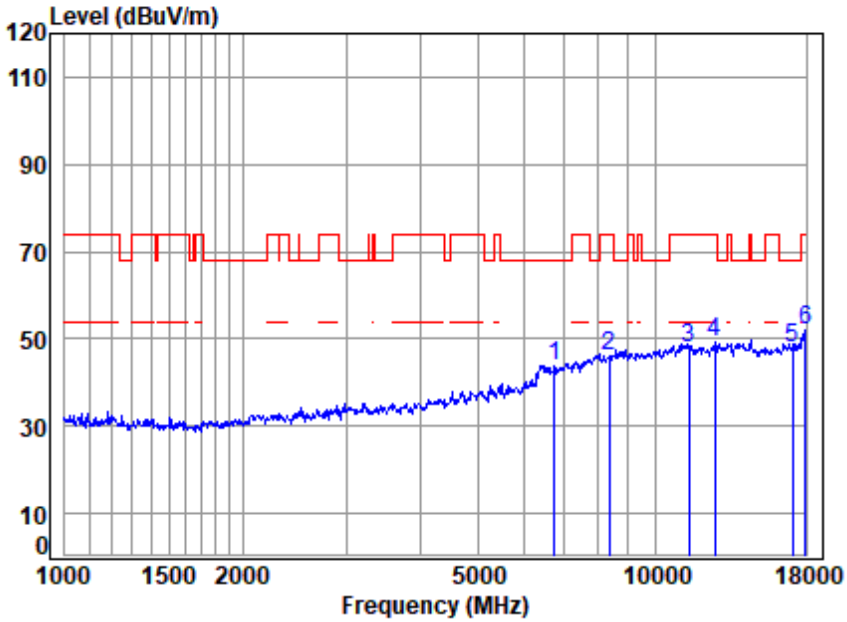

Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5600 TX RSE
: 5G Wi-Fi 11A

| | 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 | 6395.654 | 13.23 | 34.79 | 56.82 | 53.34 | 44.54 | 68.20 | -23.66 | Peak |
| 2 | 8440.945 | 11.91 | 38.44 | 55.50 | 52.32 | 47.17 | 74.00 | -26.83 | peak |
| 3 | 11200.000 | 14.76 | 39.60 | 53.56 | 47.72 | 48.52 | 74.00 | -25.48 | peak |
| 4 | pp14533.910 | 16.79 | 39.43 | 54.35 | 47.44 | 49.31 | 68.20 | -18.89 | Peak |
| 5 | 16800.000 | 17.46 | 39.60 | 54.24 | 45.44 | 48.26 | 68.20 | -19.94 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 45.03 | 52.28 | 74.00 | -21.72 | Peak |

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Test Mode: 16; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High

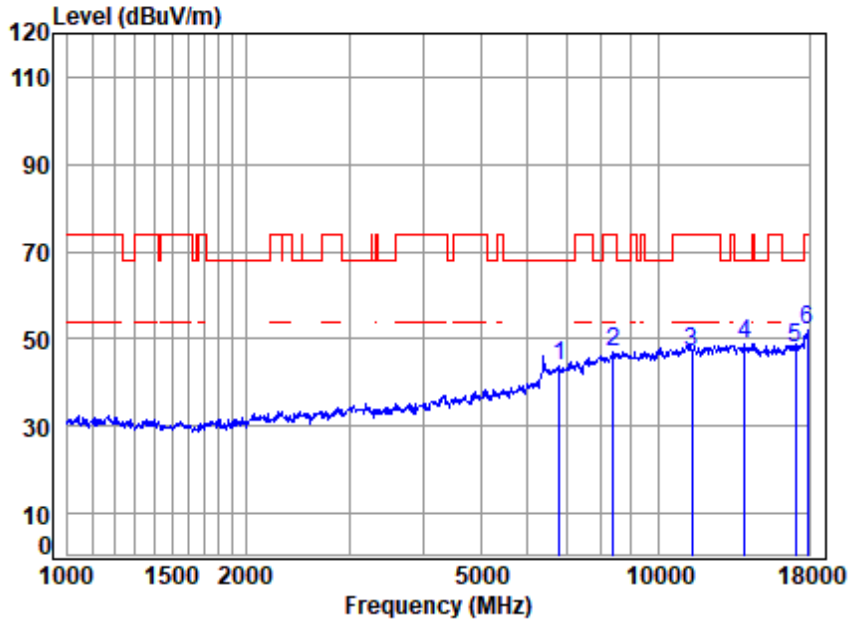



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5700 TX RSE
: 5G Wi-Fi 11A

| | 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 | 6756.708 | 11.39 | 35.73 | 56.75 | 53.37 | 43.74 | 68.20 | -24.46 | peak |
| 2 | 8343.918 | 11.70 | 38.60 | 55.59 | 51.59 | 46.30 | 74.00 | -27.70 | Peak |
| 3 | 11400.000 | 14.21 | 39.70 | 53.62 | 47.43 | 47.72 | 74.00 | -26.28 | peak |
| 4 | 12614.610 | 14.98 | 40.11 | 54.23 | 48.38 | 49.24 | 74.00 | -24.76 | peak |
| 5 | pp17100.000 | 18.47 | 39.80 | 54.32 | 44.13 | 48.08 | 68.20 | -20.12 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 44.68 | 51.93 | 74.00 | -22.07 | Peak |

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Test Mode: 16; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High



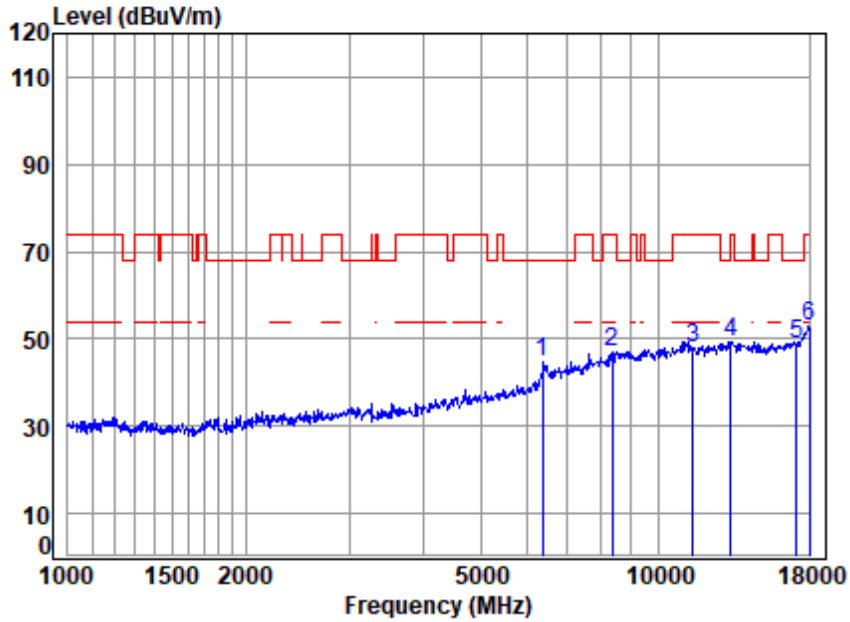

Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5700 TX RSE
: 5G Wi-Fi 11A

| | 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 | 6795.879 | 11.37 | 35.88 | 56.74 | 53.25 | 43.76 | 68.20 | -24.44 | peak |
| 2 | 8392.292 | 11.64 | 38.62 | 55.55 | 52.50 | 47.21 | 74.00 | -26.79 | Peak |
| 3 | 11400.000 | 14.21 | 39.70 | 53.62 | 46.80 | 47.09 | 74.00 | -26.91 | peak |
| 4 | pp13997.930 | 16.46 | 39.90 | 54.40 | 47.03 | 48.99 | 68.20 | -19.21 | peak |
| 5 | 17100.000 | 18.47 | 39.80 | 54.32 | 44.16 | 48.11 | 68.20 | -20.09 | peak |
| 6 | 17896.250 | 18.25 | 43.08 | 54.48 | 45.09 | 51.94 | 74.00 | -22.06 | Peak |

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Member of the SGS Group (SGS SA)

Test Mode: 16; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High

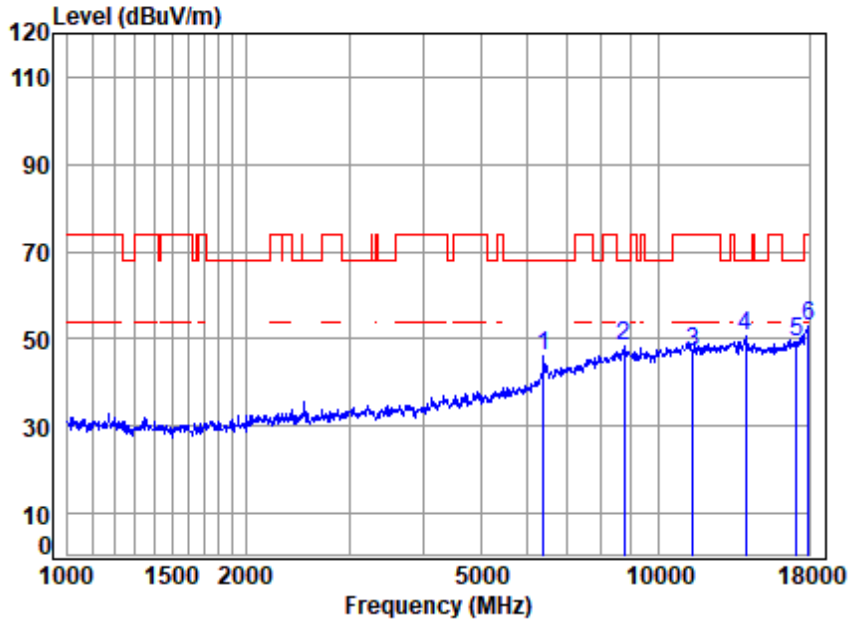



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5720 TX RSE
: 5G Wi-Fi 11A

| | 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 | 6377.195 | 12.74 | 34.75 | 56.82 | 54.11 | 44.78 | 68.20 | -23.42 | Peak |
| 2 | 8343.918 | 11.70 | 38.60 | 55.59 | 52.34 | 47.05 | 74.00 | -26.95 | Peak |
| 3 | 11440.000 | 14.55 | 39.66 | 53.63 | 47.54 | 48.12 | 74.00 | -25.88 | peak |
| 4 | 13288.280 | 16.44 | 40.29 | 54.47 | 47.05 | 49.31 | 74.00 | -24.69 | Peak |
| 5 | pp17160.000 | 18.08 | 39.86 | 54.33 | 45.21 | 48.82 | 68.20 | -19.38 | peak |
| 6 | 18000.000 | 18.35 | 43.80 | 54.50 | 45.40 | 53.05 | 74.00 | -20.95 | Peak |

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Test Mode: 16; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High

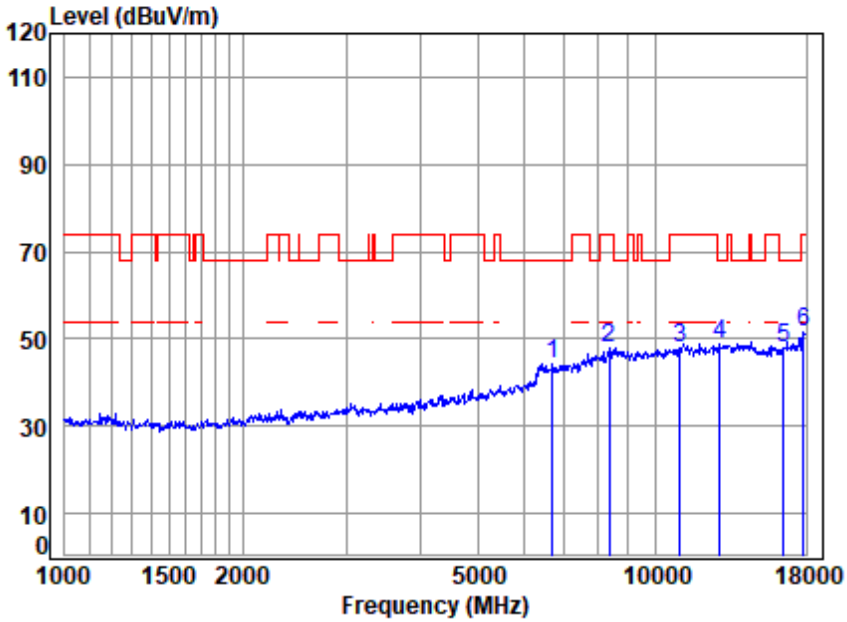



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5720 TX RSE
: 5G Wi-Fi 11A

| | 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 | 6395.654 | 13.23 | 34.79 | 56.82 | 54.71 | 45.91 | 68.20 | -22.29 | Peak |
| 2 | 8738.852 | 12.15 | 38.52 | 55.24 | 52.74 | 48.17 | 68.20 | -20.03 | Peak |
| 3 | 11440.000 | 14.55 | 39.66 | 53.63 | 46.40 | 46.98 | 74.00 | -27.02 | peak |
| 4 | pp14038.450 | 16.51 | 39.90 | 54.40 | 48.83 | 50.84 | 68.20 | -17.36 | Peak |
| 5 | 17160.000 | 18.08 | 39.86 | 54.33 | 45.46 | 49.07 | 68.20 | -19.13 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 45.88 | 53.13 | 74.00 | -20.87 | Peak |

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Test Mode: 16; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low

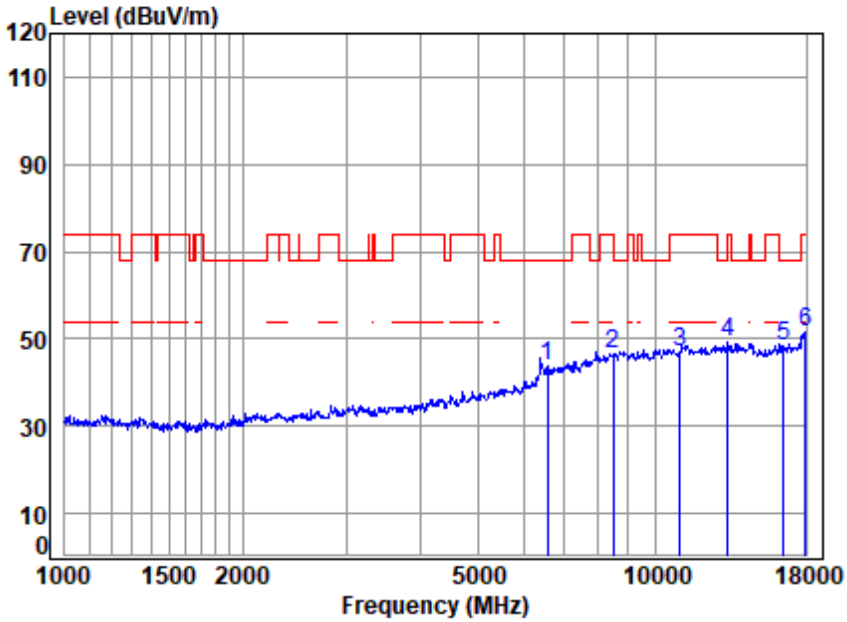



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5500 TX RSE
: 5G Wi-Fi 11AX20

| | 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 | 6698.373 | 11.41 | 35.40 | 56.76 | 53.99 | 44.04 | 68.20 | -24.16 | peak |
| 2 | 8343.918 | 11.70 | 38.60 | 55.59 | 52.97 | 47.68 | 74.00 | -26.32 | Peak |
| 3 | 11000.000 | 14.17 | 39.40 | 53.50 | 47.83 | 47.90 | 74.00 | -26.10 | peak |
| 4 | pp12872.440 | 15.70 | 40.37 | 54.41 | 47.31 | 48.97 | 68.20 | -19.23 | peak |
| 5 | 16500.000 | 17.74 | 38.90 | 54.15 | 45.23 | 47.72 | 68.20 | -20.48 | peak |
| 6 | 17844.590 | 18.21 | 42.77 | 54.47 | 45.02 | 51.53 | 74.00 | -22.47 | Peak |

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Test Mode: 16; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low

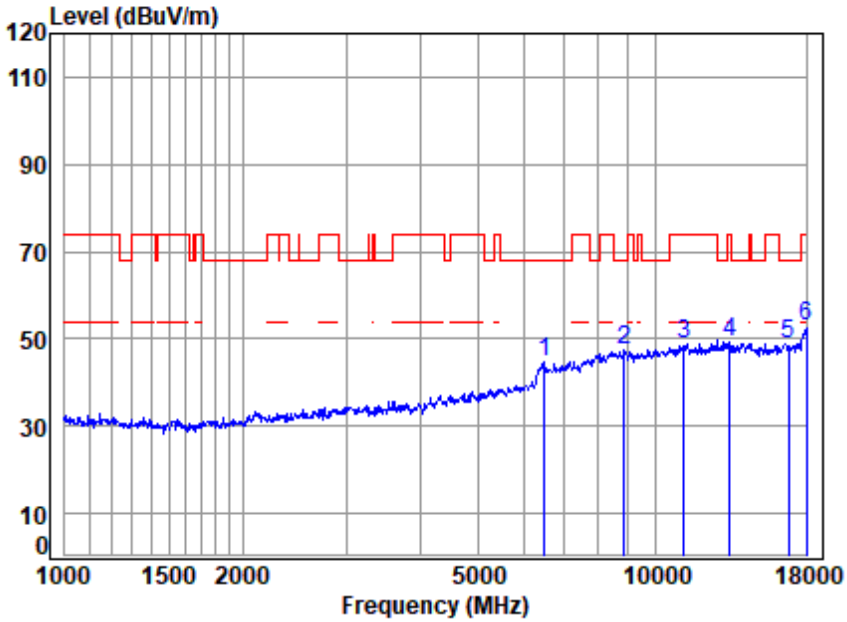



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5500 TX RSE
: 5G Wi-Fi 11AX20

| | 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 | 6564.209 | 11.62 | 35.06 | 56.79 | 53.75 | 43.64 | 68.20 | -24.56 | peak |
| 2 | 8489.882 | 12.24 | 38.32 | 55.46 | 51.65 | 46.75 | 74.00 | -27.25 | Peak |
| 3 | 11000.000 | 14.17 | 39.40 | 53.50 | 47.05 | 47.12 | 74.00 | -26.88 | peak |
| 4 | 13288.280 | 16.44 | 40.29 | 54.47 | 46.96 | 49.22 | 74.00 | -24.78 | peak |
| 5 | pp16500.000 | 17.74 | 38.90 | 54.15 | 45.65 | 48.14 | 68.20 | -20.06 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 44.41 | 51.66 | 74.00 | -22.34 | Peak |

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Test Mode: 16; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle

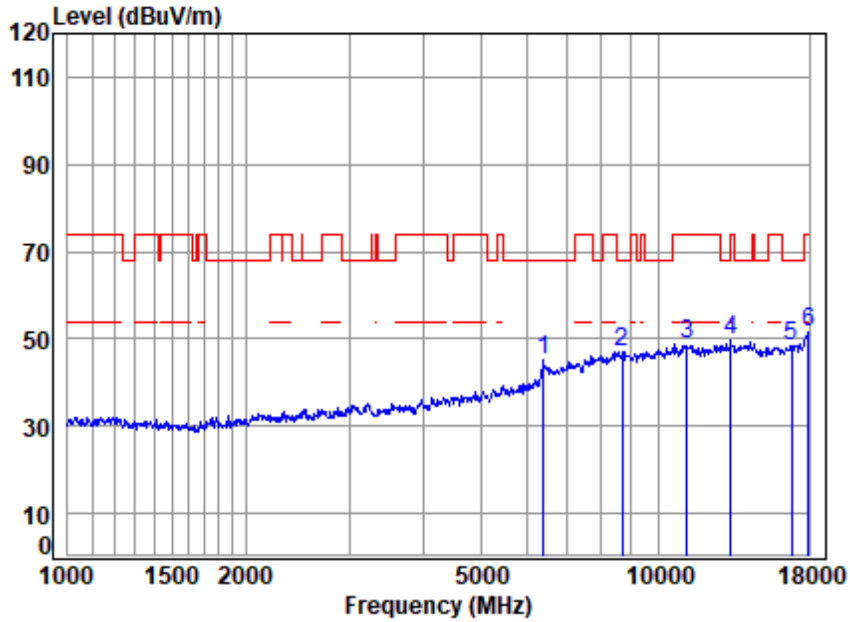



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5600 TX RSE
: 5G Wi-Fi 11AX20

| | 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 | 6488.754 | 11.86 | 34.88 | 56.80 | 54.59 | 44.53 | 68.20 | -23.67 | Peak |
| 2 | 8840.473 | 12.24 | 38.50 | 55.14 | 52.03 | 47.63 | 68.20 | -20.57 | peak |
| 3 | 11200.000 | 14.76 | 39.60 | 53.56 | 48.06 | 48.86 | 74.00 | -25.14 | peak |
| 4 | 13365.320 | 16.13 | 40.30 | 54.46 | 47.17 | 49.14 | 74.00 | -24.86 | Peak |
| 5 | pp16800.000 | 17.46 | 39.60 | 54.24 | 46.05 | 48.87 | 68.20 | -19.33 | peak |
| 6 | 18000.000 | 18.35 | 43.80 | 54.50 | 45.43 | 53.08 | 74.00 | -20.92 | Peak |

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Test Mode: 16; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle

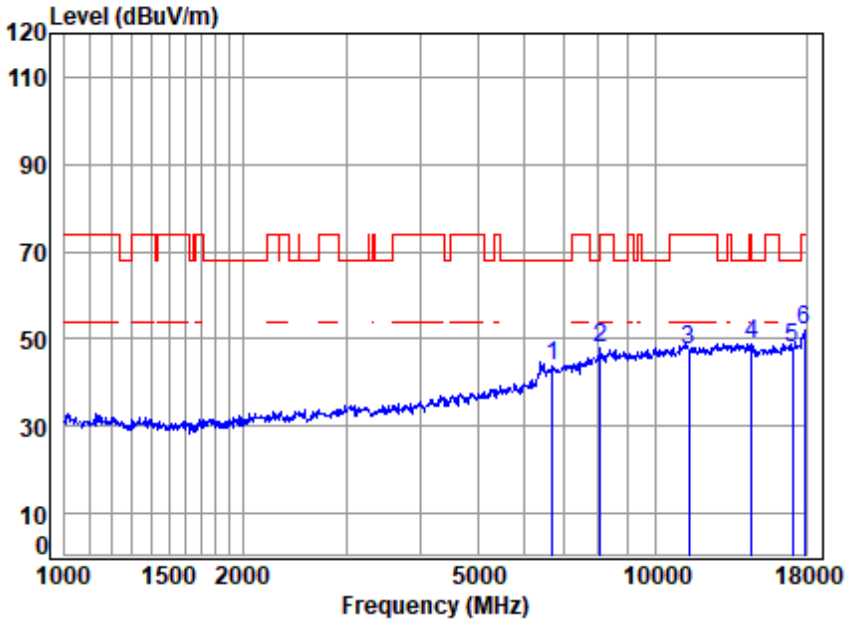



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5600 TX RSE
: 5G Wi-Fi 11AX20

| | 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 | 6395.654 | 13.23 | 34.79 | 56.82 | 53.81 | 45.01 | 68.20 | -23.19 | Peak |
| 2 | 8688.480 | 12.08 | 38.55 | 55.28 | 51.66 | 47.01 | 68.20 | -21.19 | peak |
| 3 | 11200.000 | 14.76 | 39.60 | 53.56 | 47.83 | 48.63 | 74.00 | -25.37 | peak |
| 4 | pp13249.930 | 16.11 | 40.25 | 54.48 | 48.03 | 49.91 | 68.20 | -18.29 | Peak |
| 5 | 16800.000 | 17.46 | 39.60 | 54.24 | 45.62 | 48.44 | 68.20 | -19.76 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 44.22 | 51.47 | 74.00 | -22.53 | Peak |

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Test Mode: 16; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High

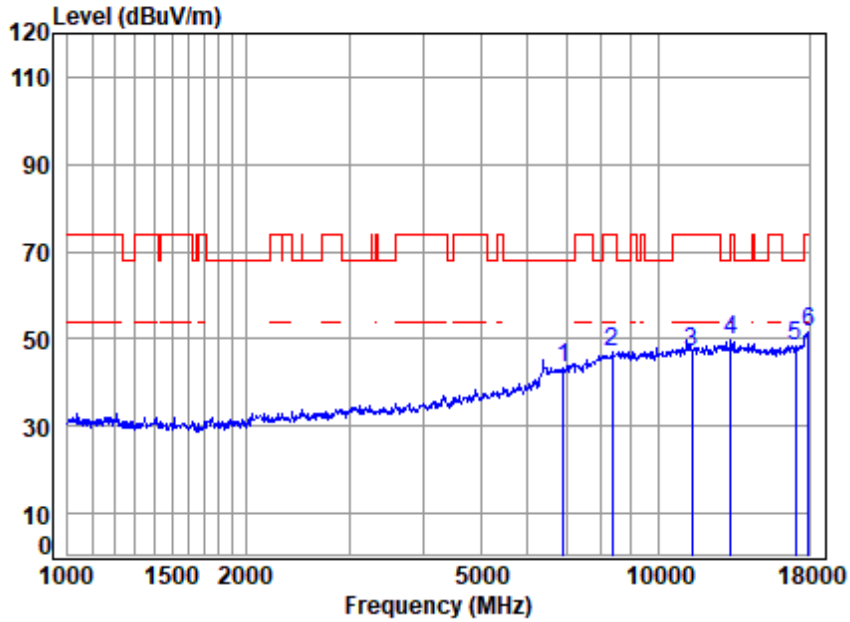



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5700 TX RSE
: 5G Wi-Fi 11AX20

| | 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 | 6698.373 | 11.41 | 35.40 | 56.76 | 53.68 | 43.73 | 68.20 | -24.47 | peak |
| 2 | 8082.804 | 11.47 | 37.80 | 55.83 | 54.49 | 47.93 | 74.00 | -26.07 | Peak |
| 3 | 11400.000 | 14.21 | 39.70 | 53.62 | 47.07 | 47.36 | 74.00 | -26.64 | peak |
| 4 | pp14533.910 | 16.79 | 39.43 | 54.35 | 47.17 | 49.04 | 68.20 | -19.16 | Peak |
| 5 | 17100.000 | 18.47 | 39.80 | 54.32 | 44.00 | 47.95 | 68.20 | -20.25 | peak |
| 6 | 17896.250 | 18.25 | 43.08 | 54.48 | 45.06 | 51.91 | 74.00 | -22.09 | Peak |

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Test Mode: 16; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High

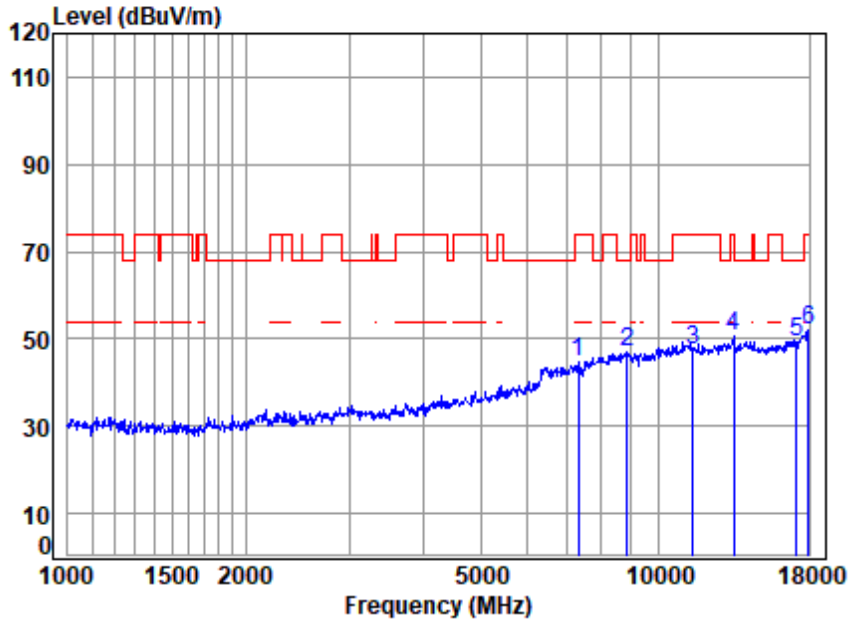



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5700 TX RSE
: 5G Wi-Fi 11AX20

| | 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 | 6894.806 | 11.37 | 36.18 | 56.72 | 52.66 | 43.49 | 68.20 | -24.71 | peak |
| 2 | 8343.918 | 11.70 | 38.60 | 55.59 | 52.18 | 46.89 | 74.00 | -27.11 | Peak |
| 3 | 11400.000 | 14.21 | 39.70 | 53.62 | 46.73 | 47.02 | 74.00 | -26.98 | peak |
| 4 | 13288.280 | 16.44 | 40.29 | 54.47 | 47.47 | 49.73 | 74.00 | -24.27 | Peak |
| 5 | pp17100.000 | 18.47 | 39.80 | 54.32 | 44.43 | 48.38 | 68.20 | -19.82 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 44.48 | 51.73 | 74.00 | -22.27 | Peak |

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Member of the SGS Group (SGS SA)

Test Mode: 16; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High

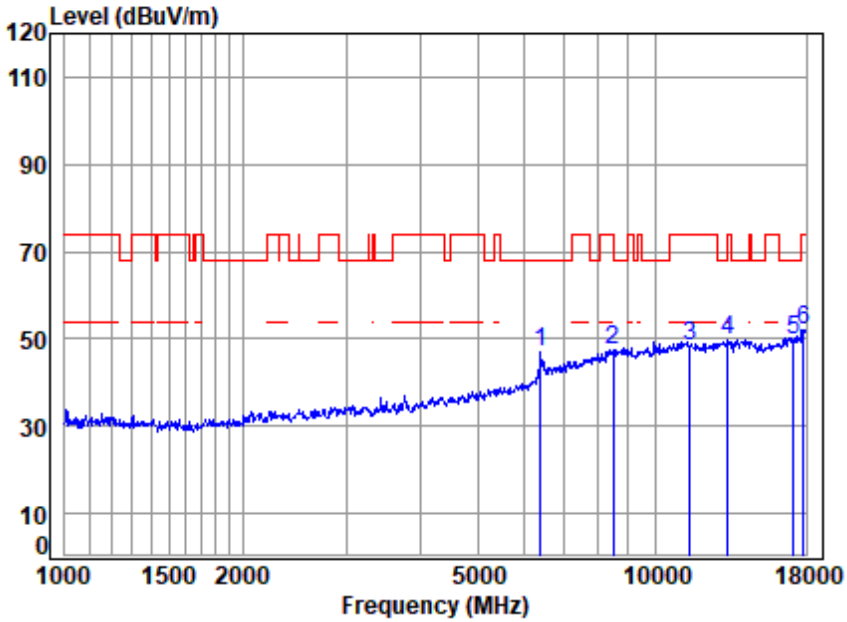



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5720 TX RSE
: 5G Wi-Fi 11AX20

| | 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 | 7326.267 | 11.51 | 36.75 | 56.44 | 52.71 | 44.53 | 74.00 | -29.47 | Peak |
| 2 | 8840.473 | 12.24 | 38.50 | 55.14 | 51.19 | 46.79 | 68.20 | -21.41 | Peak |
| 3 | 11440.000 | 14.55 | 39.66 | 53.63 | 46.84 | 47.42 | 74.00 | -26.58 | peak |
| 4 | pp13404.010 | 15.91 | 40.29 | 54.46 | 48.79 | 50.53 | 68.20 | -17.67 | Peak |
| 5 | 17160.000 | 18.08 | 39.86 | 54.33 | 45.61 | 49.22 | 68.20 | -18.98 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 44.69 | 51.94 | 74.00 | -22.06 | Peak |

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Test Mode: 16; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High

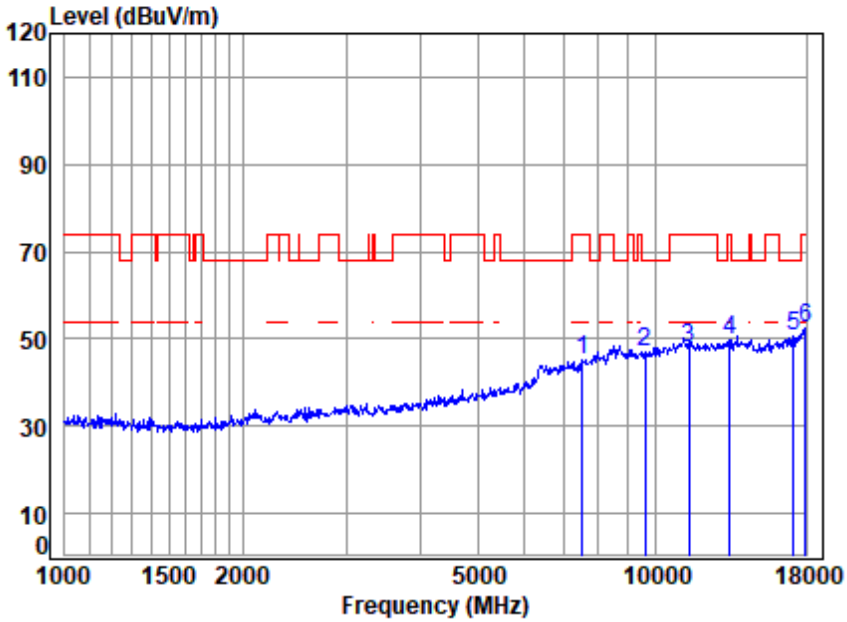



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5720 TX RSE
: 5G Wi-Fi 11AX20

| | 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 | 6395.654 | 13.23 | 34.79 | 56.82 | 55.61 | 46.81 | 68.20 | -21.39 | Peak |
| 2 | 8489.882 | 12.24 | 38.32 | 55.46 | 52.29 | 47.39 | 74.00 | -26.61 | Peak |
| 3 | 11440.000 | 14.55 | 39.66 | 53.63 | 47.65 | 48.23 | 74.00 | -25.77 | peak |
| 4 | 13249.930 | 16.11 | 40.25 | 54.48 | 47.83 | 49.71 | 68.20 | -18.49 | Peak |
| 5 | pp17160.000 | 18.08 | 39.86 | 54.33 | 46.16 | 49.77 | 68.20 | -18.43 | peak |
| 6 | 17844.590 | 18.21 | 42.77 | 54.47 | 45.50 | 52.01 | 74.00 | -21.99 | Peak |

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Test Mode: 16; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High

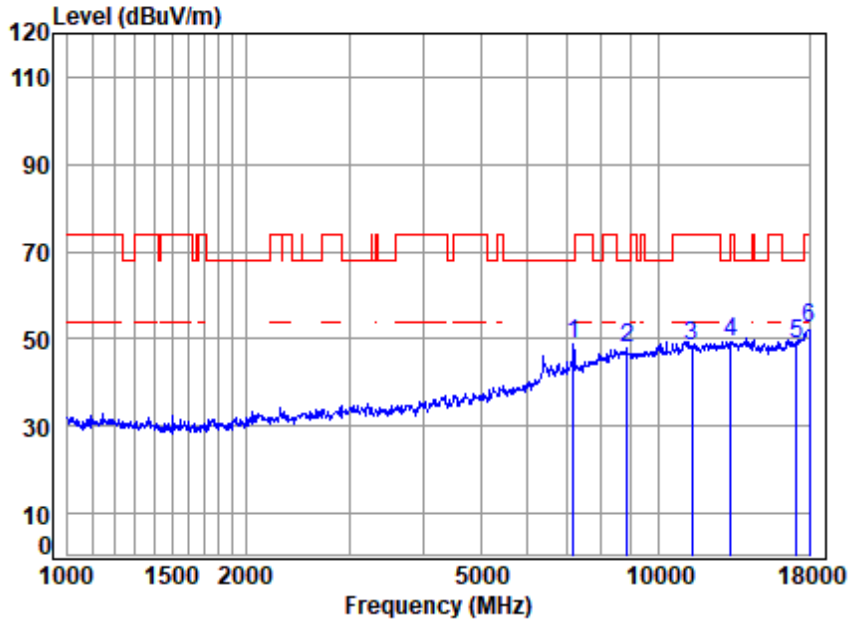



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5710 TX RSE
: 5G Wi-Fi 11AX40

| | 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 | 7519.349 | 11.20 | 36.80 | 56.28 | 53.24 | 44.96 | 74.00 | -29.04 | Peak |
| 2 | 9613.430 | 12.47 | 38.77 | 54.45 | 50.16 | 46.95 | 68.20 | -21.25 | Peak |
| 3 | 11420.000 | 14.38 | 39.68 | 53.63 | 47.57 | 48.00 | 74.00 | -26.00 | peak |
| 4 | 13365.320 | 16.13 | 40.30 | 54.46 | 47.72 | 49.69 | 74.00 | -24.31 | Peak |
| 5 pp | 17130.000 | 18.27 | 39.83 | 54.33 | 46.83 | 50.60 | 68.20 | -17.60 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 45.22 | 52.47 | 74.00 | -21.53 | Peak |

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Test Mode: 16; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:40MHz; Channel:High

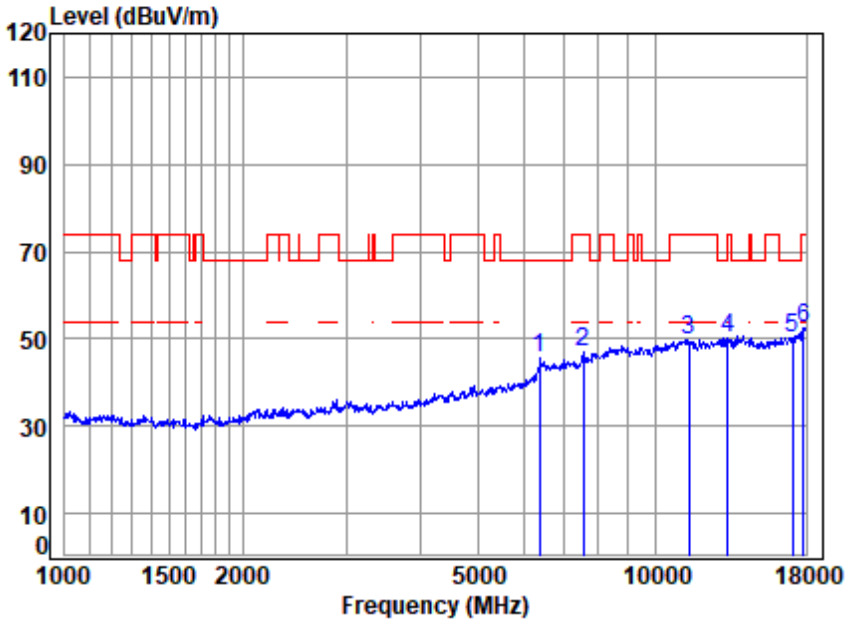



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5710 TX RSE
: 5G Wi-Fi 11AX40

| | 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 | pp 7179.527 | 11.62 | 36.56 | 56.56 | 57.32 | 48.94 | 68.20 | -19.26 | Peak |
| 2 | 8840.473 | 12.24 | 38.50 | 55.14 | 52.39 | 47.99 | 68.20 | -20.21 | Peak |
| 3 | 11420.000 | 14.38 | 39.68 | 53.63 | 47.77 | 48.20 | 74.00 | -25.80 | peak |
| 4 | 13288.280 | 16.44 | 40.29 | 54.47 | 47.18 | 49.44 | 74.00 | -24.56 | Peak |
| 5 | 17130.000 | 18.27 | 39.83 | 54.33 | 45.05 | 48.82 | 68.20 | -19.38 | peak |
| 6 | 18000.000 | 18.35 | 43.80 | 54.50 | 44.91 | 52.56 | 74.00 | -21.44 | Peak |

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Test Mode: 16; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High

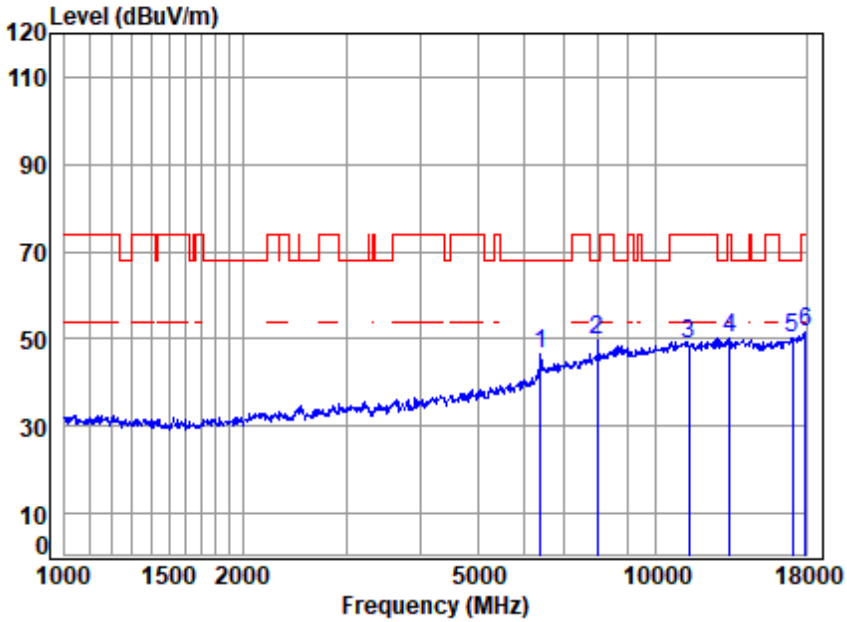



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5690 TX RSE
: 5G Wi-Fi 11AX80

| | 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 | 6377.195 | 12.74 | 34.75 | 56.82 | 55.18 | 45.85 | 68.20 | -22.35 | Peak |
| 2 | 7541.114 | 11.17 | 36.80 | 56.27 | 55.13 | 46.83 | 74.00 | -27.17 | Peak |
| 3 | 11380.000 | 14.30 | 39.70 | 53.61 | 49.35 | 49.74 | 74.00 | -24.26 | peak |
| 4 | 13249.930 | 16.11 | 40.25 | 54.48 | 48.44 | 50.32 | 68.20 | -17.88 | Peak |
| 5 | pp17070.000 | 18.35 | 39.77 | 54.31 | 46.58 | 50.39 | 68.20 | -17.81 | peak |
| 6 | 17844.590 | 18.21 | 42.77 | 54.47 | 45.79 | 52.30 | 74.00 | -21.70 | Peak |

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Test Mode: 16; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:80MHz; Channel:High

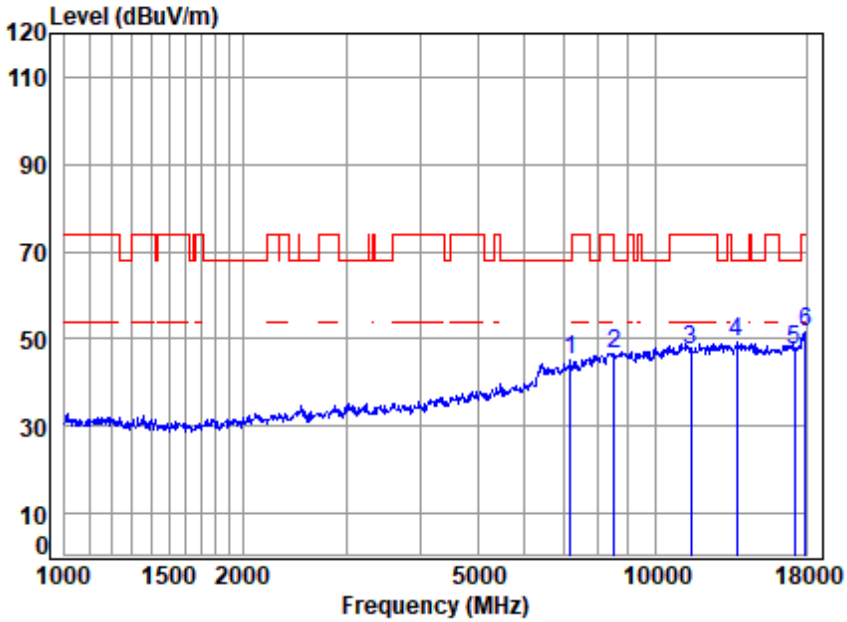



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5690 TX RSE
: 5G Wi-Fi 11AX80

| | 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 | 6395.654 | 13.23 | 34.79 | 56.82 | 55.23 | 46.43 | 68.20 | -21.77 | Peak |
| 2 | 7989.893 | 11.56 | 37.78 | 55.91 | 56.24 | 49.67 | 68.20 | -18.53 | Peak |
| 3 | 11380.000 | 14.30 | 39.70 | 53.61 | 48.60 | 48.99 | 74.00 | -25.01 | peak |
| 4 | 13365.320 | 16.13 | 40.30 | 54.46 | 48.00 | 49.97 | 74.00 | -24.03 | Peak |
| 5 | pp17070.000 | 18.35 | 39.77 | 54.31 | 46.25 | 50.06 | 68.20 | -18.14 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 44.49 | 51.74 | 74.00 | -22.26 | Peak |

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Test Mode: 17; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:Low

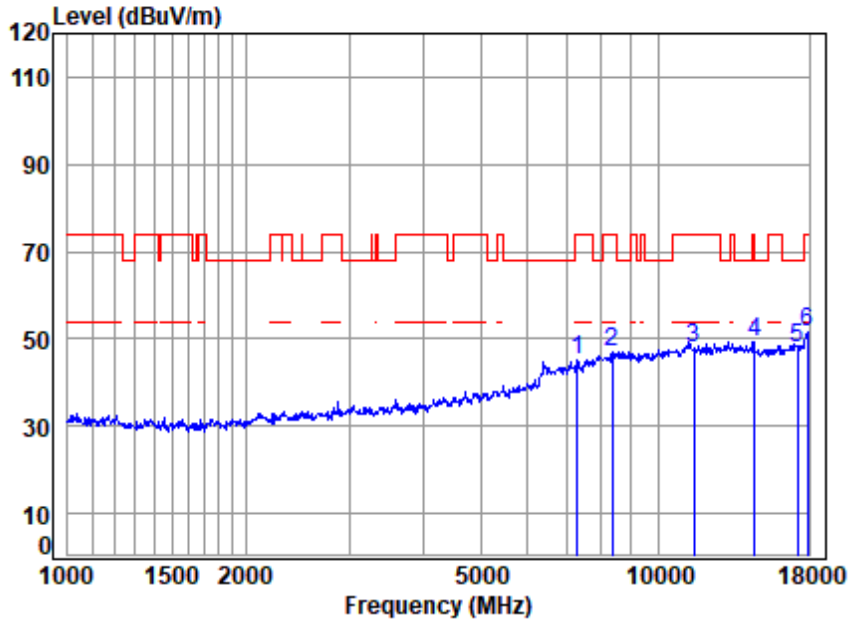



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5745 TX RSE
: 5.8G Wi-Fi 11A

| | 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 | 7179.527 | 11.62 | 36.56 | 56.56 | 53.55 | 45.17 | 68.20 | -23.03 | Peak |
| 2 | 8514.456 | 12.26 | 38.30 | 55.44 | 51.51 | 46.63 | 68.20 | -21.57 | Peak |
| 3 | 11490.000 | 14.97 | 39.61 | 53.65 | 46.33 | 47.26 | 74.00 | -26.74 | peak |
| 4 | pp13717.560 | 16.33 | 39.98 | 54.43 | 47.49 | 49.37 | 68.20 | -18.83 | Peak |
| 5 | 17235.000 | 17.83 | 40.01 | 54.35 | 44.18 | 47.67 | 68.20 | -20.53 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 44.37 | 51.62 | 74.00 | -22.38 | Peak |

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Test Mode: 17; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:Low



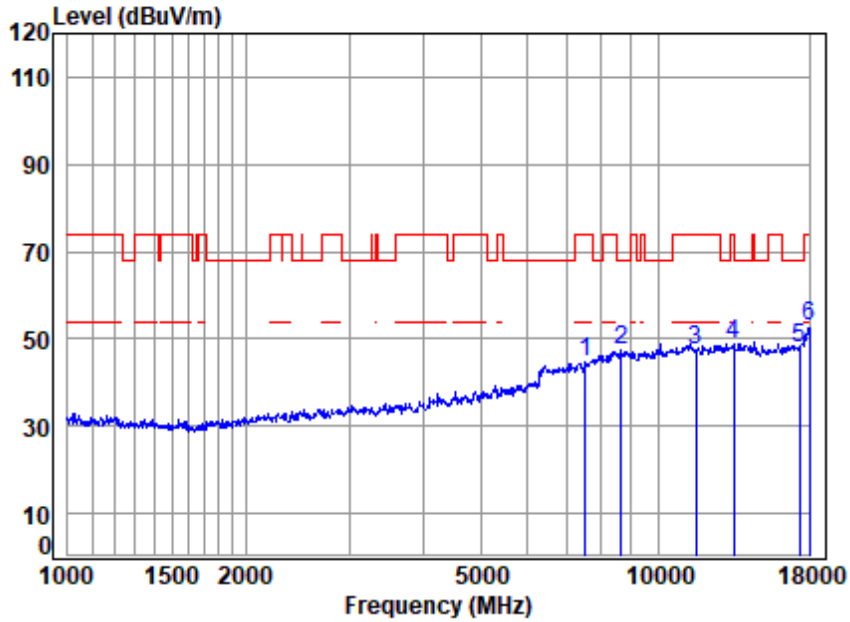

Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5745 TX RSE
: 5.8G Wi-Fi 11A

| | 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 | 7284.038 | 11.51 | 36.67 | 56.47 | 53.41 | 45.12 | 74.00 | -28.88 | Peak |
| 2 | 8343.918 | 11.70 | 38.60 | 55.59 | 52.21 | 46.92 | 74.00 | -27.08 | Peak |
| 3 | 11490.000 | 14.97 | 39.61 | 53.65 | 46.97 | 47.90 | 74.00 | -26.10 | peak |
| 4 | pp14533.910 | 16.79 | 39.43 | 54.35 | 47.60 | 49.47 | 68.20 | -18.73 | Peak |
| 5 | 17235.000 | 17.83 | 40.01 | 54.35 | 44.45 | 47.94 | 68.20 | -20.26 | peak |
| 6 | 17896.250 | 18.25 | 43.08 | 54.48 | 44.63 | 51.48 | 74.00 | -22.52 | Peak |

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检验检测专用章 Inspection & Testing Services

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Test Mode: 17; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:middle

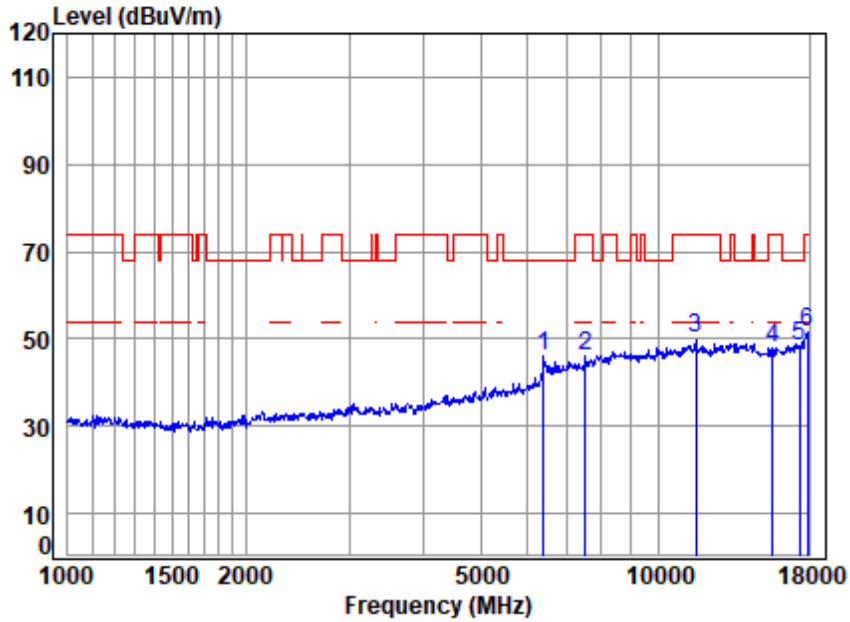



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5785 TX RSE
: 5.8G Wi-Fi 11A

| | 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 | 7519.349 | 11.20 | 36.80 | 56.28 | 53.16 | 44.88 | 74.00 | -29.12 | Peak |
| 2 | 8638.399 | 12.01 | 38.42 | 55.33 | 52.24 | 47.34 | 68.20 | -20.86 | Peak |
| 3 | 11570.000 | 14.78 | 39.60 | 53.67 | 46.95 | 47.66 | 74.00 | -26.34 | peak |
| 4 | pp13404.010 | 15.91 | 40.29 | 54.46 | 47.27 | 49.01 | 68.20 | -19.19 | Peak |
| 5 | 17355.000 | 17.93 | 40.31 | 54.37 | 43.91 | 47.78 | 68.20 | -20.42 | peak |
| 6 | 18000.000 | 18.35 | 43.80 | 54.50 | 45.22 | 52.87 | 74.00 | -21.13 | Peak |

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Member of the SGS Group (SGS SA)

Test Mode: 17; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:middle

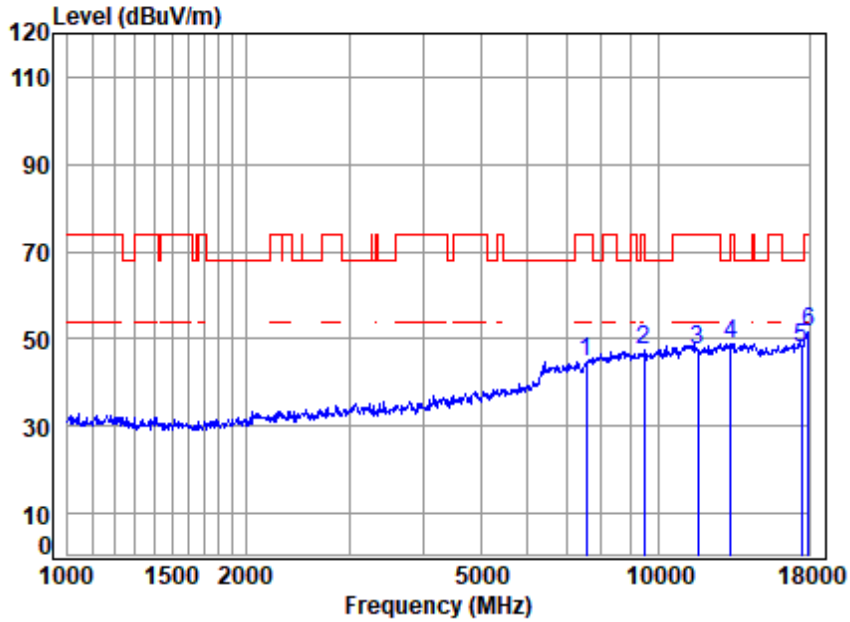



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5785 TX RSE
: 5.8G Wi-Fi 11A

| | 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 | 6395.654 | 13.23 | 34.79 | 56.82 | 54.87 | 46.07 | 68.20 | -22.13 | Peak |
| 2 | 7519.349 | 11.20 | 36.80 | 56.28 | 54.47 | 46.19 | 74.00 | -27.81 | Peak |
| 3 | 11570.000 | 14.78 | 39.60 | 53.67 | 49.27 | 49.98 | 74.00 | -24.02 | peak |
| 4 | 15622.990 | 17.19 | 38.52 | 54.11 | 46.12 | 47.72 | 74.00 | -26.28 | Peak |
| 5 | pp17355.000 | 17.93 | 40.31 | 54.37 | 44.45 | 48.32 | 68.20 | -19.88 | peak |
| 6 | 17896.250 | 18.25 | 43.08 | 54.48 | 44.78 | 51.63 | 74.00 | -22.37 | Peak |

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Test Mode: 17; Polarity: Horizontal; Modulation:802.11a; Bandwidth:20MHz; Channel:High



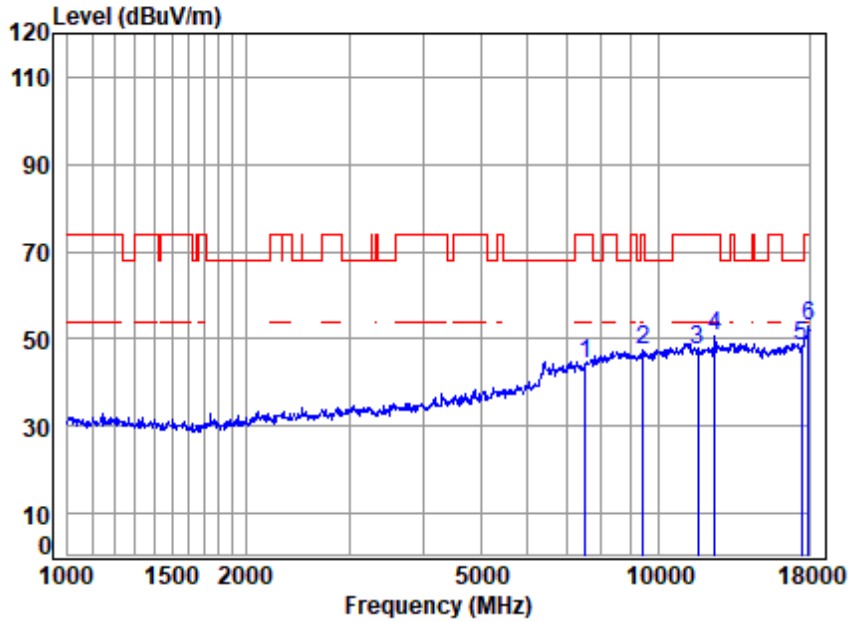

Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5825 TX RSE
: 5.8G Wi-Fi 11A

| | 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 | 7541.114 | 11.17 | 36.80 | 56.27 | 52.88 | 44.58 | 74.00 | -29.42 | Peak |
| 2 | 9475.497 | 12.50 | 38.85 | 54.57 | 50.68 | 47.46 | 74.00 | -26.54 | Peak |
| 3 | 11650.000 | 14.70 | 39.55 | 53.69 | 46.94 | 47.50 | 74.00 | -26.50 | peak |
| 4 | 13288.280 | 16.44 | 40.29 | 54.47 | 46.44 | 48.70 | 74.00 | -25.30 | Peak |
| 5 | pp17475.000 | 18.02 | 40.78 | 54.40 | 43.63 | 48.03 | 68.20 | -20.17 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 44.34 | 51.59 | 74.00 | -22.41 | Peak |

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Test Mode: 17; Polarity: Vertical; Modulation:802.11a; Bandwidth:20MHz; Channel:High

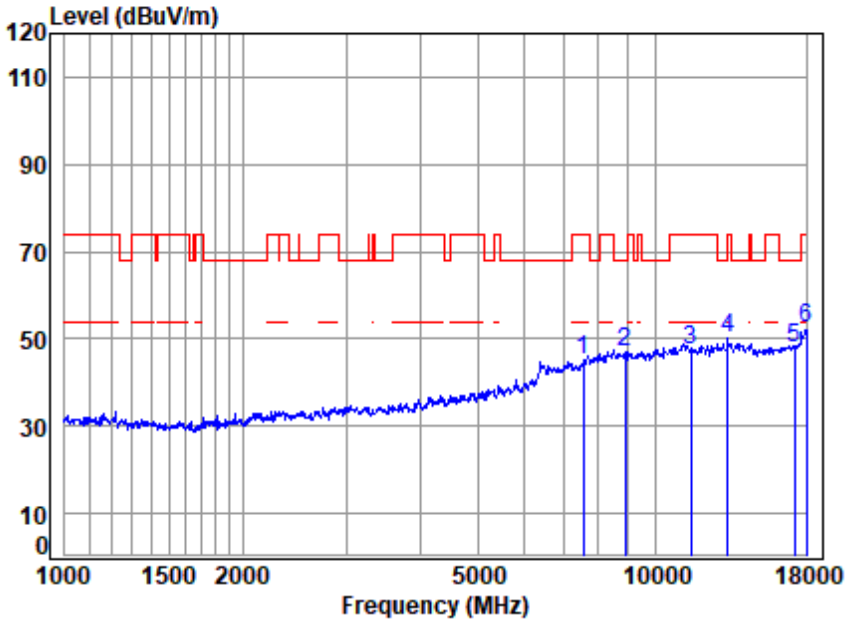



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5825 TX RSE
: 5.8G Wi-Fi 11A

| | 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 | 7519.349 | 11.20 | 36.80 | 56.28 | 52.75 | 44.47 | 74.00 | -29.53 | Peak |
| 2 | 9420.880 | 12.35 | 38.80 | 54.62 | 50.83 | 47.36 | 74.00 | -26.64 | Peak |
| 3 | 11650.000 | 14.70 | 39.55 | 53.69 | 46.81 | 47.37 | 74.00 | -26.63 | peak |
| 4 | 12469.610 | 15.43 | 39.90 | 54.13 | 49.45 | 50.65 | 74.00 | -23.35 | Peak |
| 5 | pp17475.000 | 18.02 | 40.78 | 54.40 | 43.84 | 48.24 | 68.20 | -19.96 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 45.67 | 52.92 | 74.00 | -21.08 | Peak |

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Test Mode: 17; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low

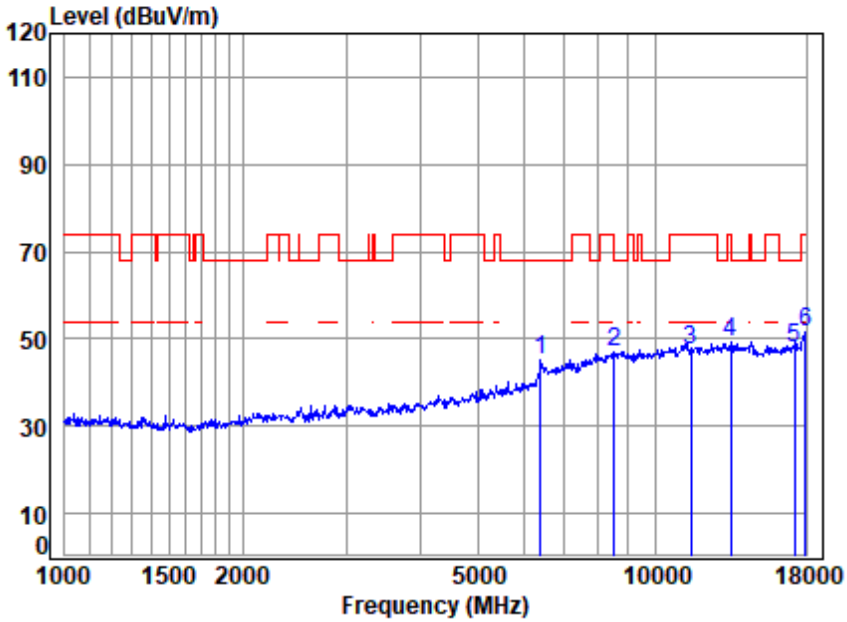



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5745 TX RSE
: 5.8G Wi-Fi 11AX20

| | 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 | 7562.942 | 11.14 | 36.80 | 56.25 | 53.40 | 45.09 | 74.00 | -28.91 | Peak |
| 2 | 8891.725 | 12.22 | 38.58 | 55.10 | 51.20 | 46.90 | 68.20 | -21.30 | Peak |
| 3 | 11490.000 | 14.97 | 39.61 | 53.65 | 46.65 | 47.58 | 74.00 | -26.42 | peak |
| 4 | 13288.280 | 16.44 | 40.29 | 54.47 | 47.93 | 50.19 | 74.00 | -23.81 | Peak |
| 5 | pp17235.000 | 17.83 | 40.01 | 54.35 | 44.44 | 47.93 | 68.20 | -20.27 | peak |
| 6 | 18000.000 | 18.35 | 43.80 | 54.50 | 44.82 | 52.47 | 74.00 | -21.53 | Peak |

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Test Mode: 17; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:Low

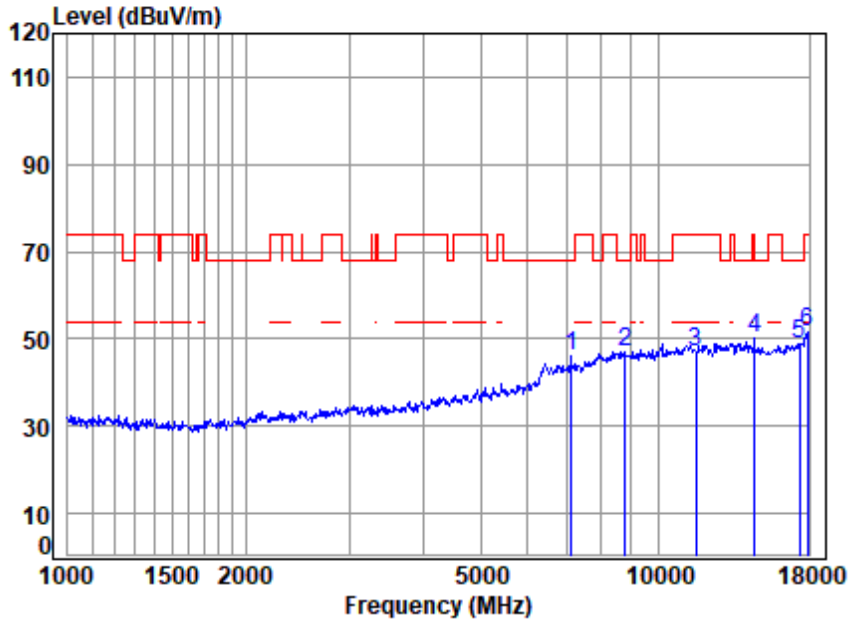



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5745 TX RSE
: 5.8G Wi-Fi 11AX20

| | 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 | 6395.654 | 13.23 | 34.79 | 56.82 | 54.13 | 45.33 | 68.20 | -22.87 | Peak |
| 2 | 8514.456 | 12.26 | 38.30 | 55.44 | 51.73 | 46.85 | 68.20 | -21.35 | Peak |
| 3 | 11490.000 | 14.97 | 39.61 | 53.65 | 46.47 | 47.40 | 74.00 | -26.60 | peak |
| 4 | pp13404.010 | 15.91 | 40.29 | 54.46 | 47.38 | 49.12 | 68.20 | -19.08 | Peak |
| 5 | 17235.000 | 17.83 | 40.01 | 54.35 | 44.35 | 47.84 | 68.20 | -20.36 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 44.32 | 51.57 | 74.00 | -22.43 | Peak |

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Test Mode: 17; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:middle

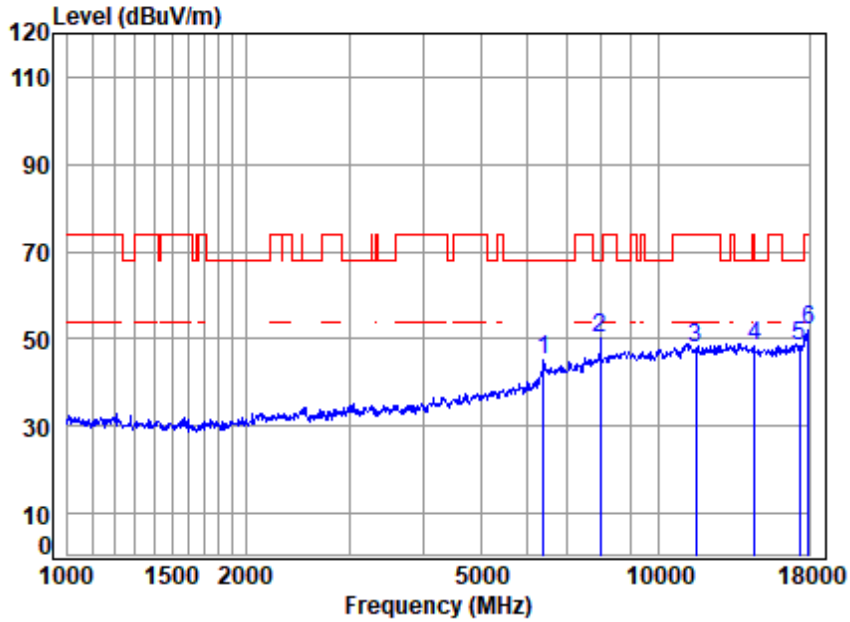



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5785 TX RSE
: 5.8G Wi-Fi 11AX20

| | 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 | 7117.542 | 11.91 | 36.44 | 56.61 | 54.15 | 45.89 | 68.20 | -22.31 | Peak |
| 2 | 8789.516 | 12.23 | 38.50 | 55.19 | 51.54 | 47.08 | 68.20 | -21.12 | Peak |
| 3 | 11570.000 | 14.78 | 39.60 | 53.67 | 46.39 | 47.10 | 74.00 | -26.90 | peak |
| 4 | pp14533.910 | 16.79 | 39.43 | 54.35 | 48.15 | 50.02 | 68.20 | -18.18 | Peak |
| 5 | 17355.000 | 17.93 | 40.31 | 54.37 | 45.05 | 48.92 | 68.20 | -19.28 | peak |
| 6 | 17896.250 | 18.25 | 43.08 | 54.48 | 44.91 | 51.76 | 74.00 | -22.24 | Peak |

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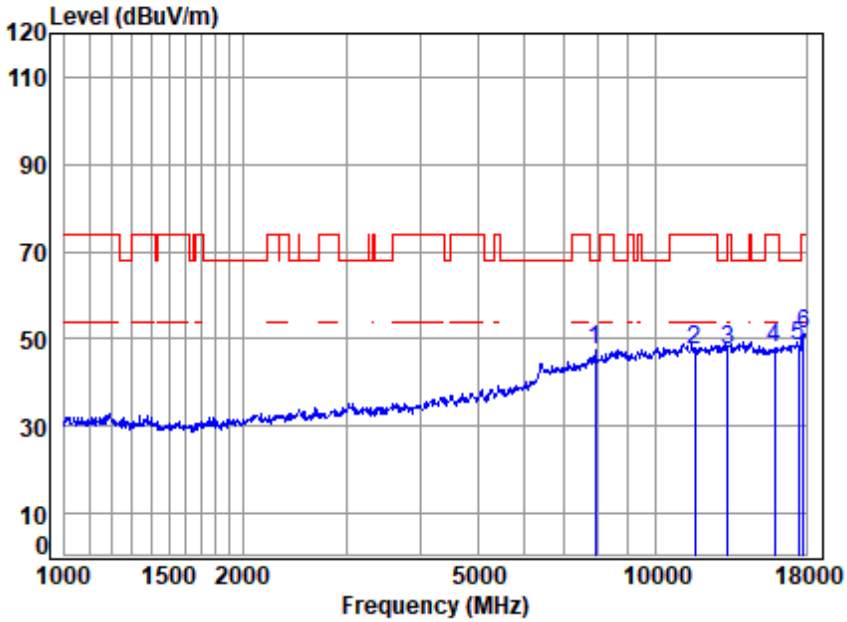

Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5785 TX RSE
: 5.8G Wi-Fi 11AX20

| | 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 | 6395.654 | 13.23 | 34.79 | 56.82 | 54.19 | 45.39 | 68.20 | -22.81 | Peak |
| 2 pp | 7989.893 | 11.56 | 37.78 | 55.91 | 56.69 | 50.12 | 68.20 | -18.08 | Peak |
| 3 | 11570.000 | 14.78 | 39.60 | 53.67 | 47.13 | 47.84 | 74.00 | -26.16 | peak |
| 4 | 14533.910 | 16.79 | 39.43 | 54.35 | 46.64 | 48.51 | 68.20 | -19.69 | Peak |
| 5 | 17355.000 | 17.93 | 40.31 | 54.37 | 44.31 | 48.18 | 68.20 | -20.02 | peak |
| 6 | 17948.050 | 18.30 | 43.44 | 54.49 | 44.65 | 51.90 | 74.00 | -22.10 | Peak |

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Test Mode: 17; Polarity: Horizontal; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High

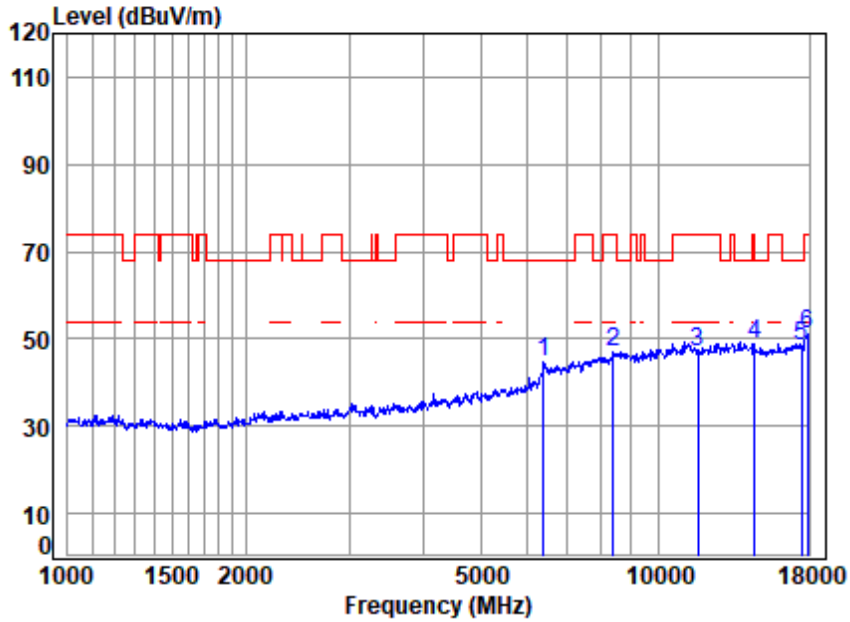



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5825 TX RSE
: 5.8G Wi-Fi 11AX20

| | 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 | 7898.049 | 11.54 | 37.59 | 55.98 | 54.10 | 47.25 | 68.20 | -20.95 | Peak |
| 2 | 11650.000 | 14.70 | 39.55 | 53.69 | 46.95 | 47.51 | 74.00 | -26.49 | peak |
| 3 | 13288.280 | 16.44 | 40.29 | 54.47 | 45.38 | 47.64 | 74.00 | -26.36 | Peak |
| 4 | 15942.300 | 17.22 | 38.66 | 54.02 | 45.92 | 47.78 | 74.00 | -26.22 | Peak |
| 5 | pp17475.000 | 18.02 | 40.78 | 54.40 | 44.14 | 48.54 | 68.20 | -19.66 | peak |
| 6 | 17844.590 | 18.21 | 42.77 | 54.47 | 44.55 | 51.06 | 74.00 | -22.94 | Peak |

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Test Mode: 17; Polarity: Vertical; Modulation:802.11ax(Full RU0); Bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5825 TX RSE
: 5.8G Wi-Fi 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 | 6395.654 | 13.23 | 34.79 | 56.82 | 53.71 | 44.91 | 68.20 | -23.29 | Peak |
| 2 | 8392.292 | 11.64 | 38.62 | 55.55 | 52.22 | 46.93 | 74.00 | -27.07 | Peak |
| 3 | 11650.000 | 14.70 | 39.55 | 53.69 | 46.31 | 46.87 | 74.00 | -27.13 | peak |
| 4 | pp14533.910 | 16.79 | 39.43 | 54.35 | 46.94 | 48.81 | 68.20 | -19.39 | Peak |
| 5 | 17475.000 | 18.02 | 40.78 | 54.40 | 43.75 | 48.15 | 68.20 | -20.05 | peak |
| 6 | 17896.250 | 18.25 | 43.08 | 54.48 | 44.06 | 50.91 | 74.00 | -23.09 | Peak |

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## 7.4 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 (2020) Section 6.10.5
Measurement Distance: 3m
Test Engineer: Xing Guo

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 |
| Above 960 | 500 | 3 |

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

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

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

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

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

Remark: The emission limits shown in the above table are based on measurements employing a CISPR quasi-peak detector except for the frequency bands 9-90kHz, 110-490kHz and above 1000 MHz. Radiated emission limits in these three bands are based on measurements employing an average detector, 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.

### 7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 21.6 °C Humidity: 53.4 % RH Atmospheric Pressure: 1020 mbar

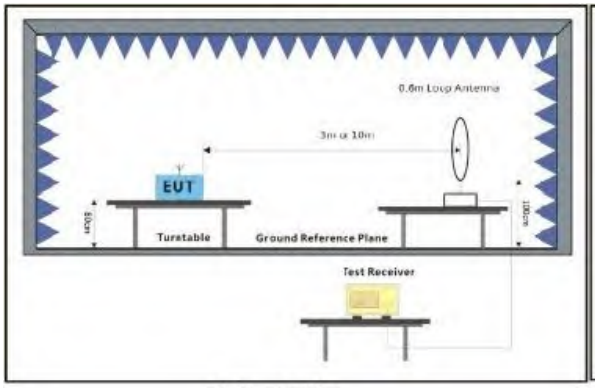
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### 7.4.2 Test Mode Description

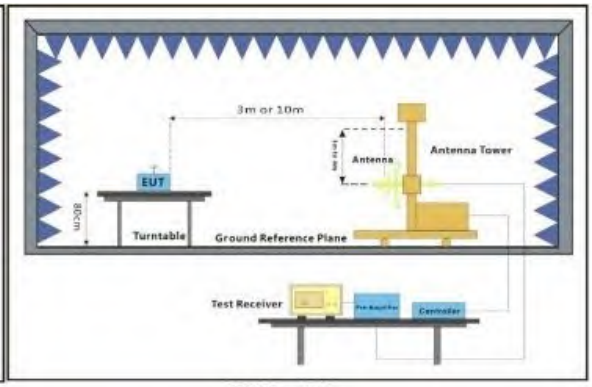
| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 14 | TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 15 | TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 16 | TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 17 | TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Pre-scan | 19 | Charge + TX mode (U-NII-1) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Pre-scan | 20 | Charge + TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Pre-scan | 21 | Charge + TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Pre-scan | 22 | Charge + TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types and being charged. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |

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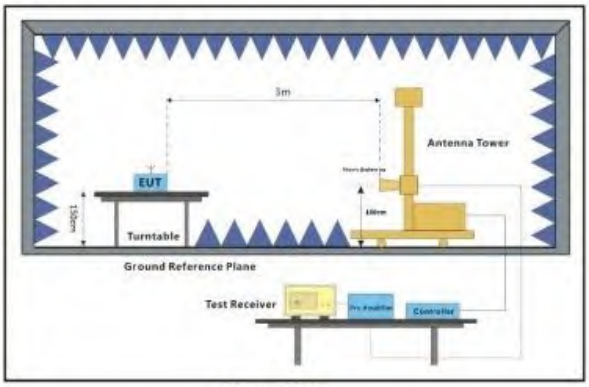
### 7.4.3 Test Setup Diagram




Below 30MHz




30MHz-1GHz




Above 1GHz

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### 7.4.4 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

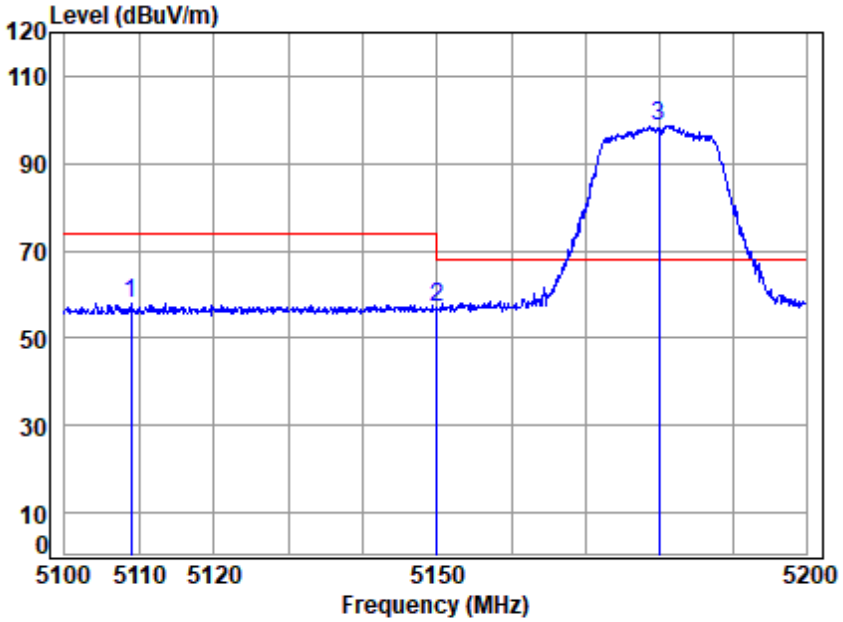
Remark 2:The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and the video bandwidth is 3MHz for Peak detection (PK) and Average detection (AV) at frequency above 1GHz.

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

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Remark: Only retain the data of the worst-case 11a and 11ac and 11ax modes.

11a_TX_CH_36_Horizontal

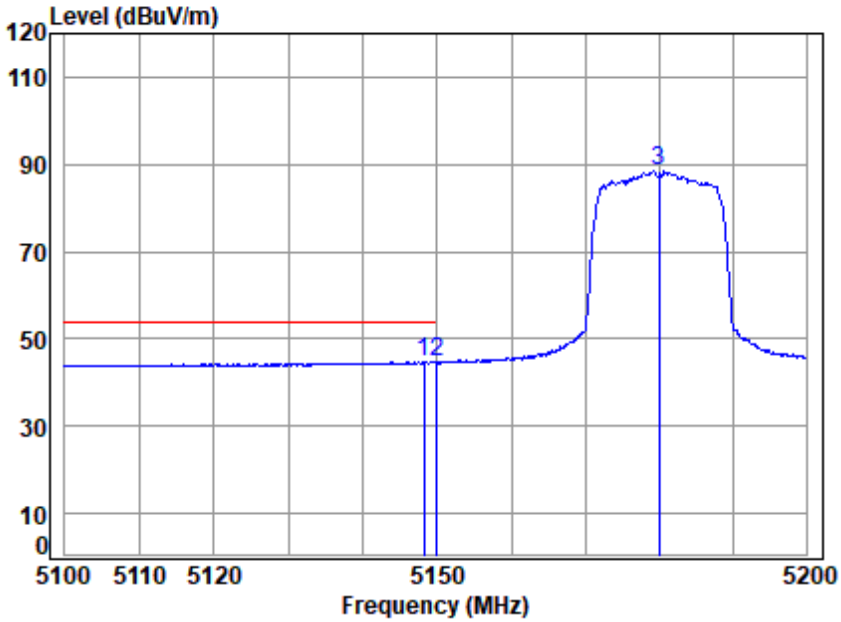



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11A

| | 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 | 5108.821 | 9.98 | 32.32 | 30.86 | 46.62 | 58.06 | 74.00 | -15.94 | peak |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 45.39 | 57.09 | 74.00 | -16.91 | peak |
| 3 pp | 5180.000 | 10.25 | 32.46 | 30.83 | 86.90 | 98.78 | 68.20 | 30.58 | peak |

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11a_TX_CH_36_Horizontal

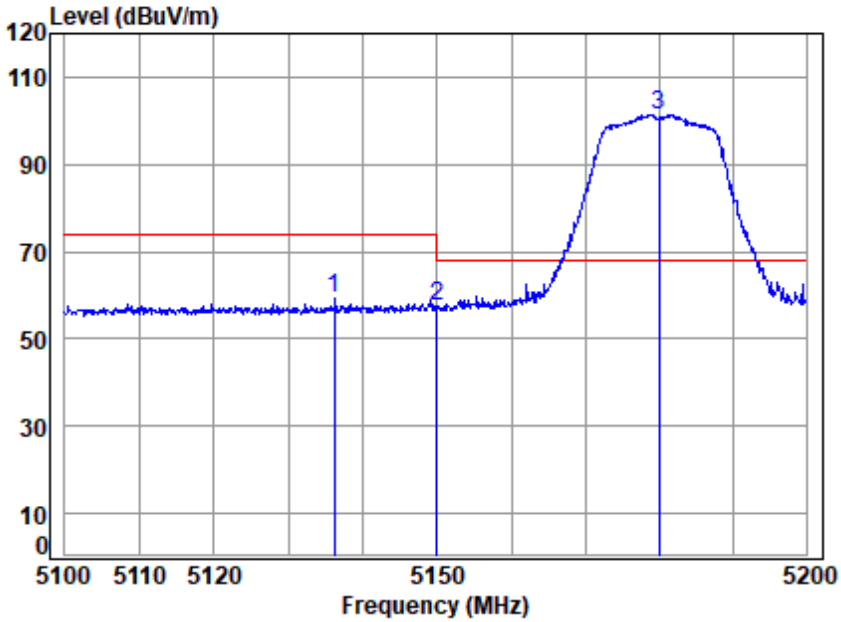



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11A

| | 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 pp | 5148.257 | 10.13 | 32.40 | 30.84 | 33.06 | 44.75 | 54.00 | -9.25 | Average |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 33.02 | 44.72 | 54.00 | -9.28 | Average |
| 3 | 5180.000 | 10.25 | 32.46 | 30.83 | 76.57 | 88.45 | ------ | ------ | Average |

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11a_TX_CH_36_Vertical

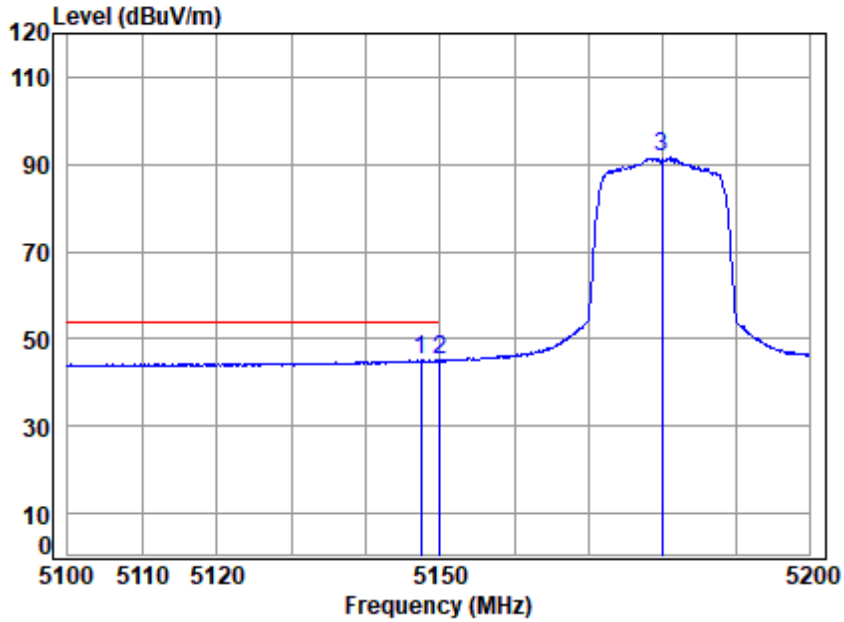



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11A

| | 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 | 5136.175 | 10.09 | 32.37 | 30.85 | 47.68 | 59.29 | 74.00 | -14.71 | peak |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 45.95 | 57.65 | 74.00 | -16.35 | peak |
| 3 pp | 5180.000 | 10.25 | 32.46 | 30.83 | 89.58 | 101.46 | 68.20 | 33.26 | peak |

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11a_TX_CH_36_Vertical

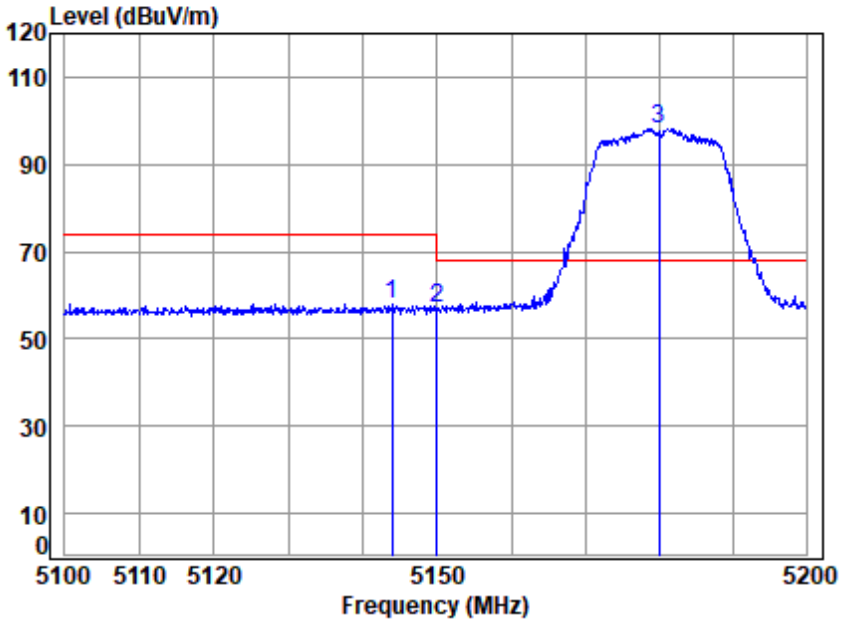



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11A

| | 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 pp | 5147.358 | 10.13 | 32.39 | 30.84 | 33.39 | 45.07 | 54.00 | -8.93 | Average |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 33.35 | 45.05 | 54.00 | -8.95 | Average |
| 3 | 5180.000 | 10.25 | 32.46 | 30.83 | 79.64 | 91.52 | ------ | ------ | Average |

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11ac_HT(20M)_TX_CH_36_Horizontal

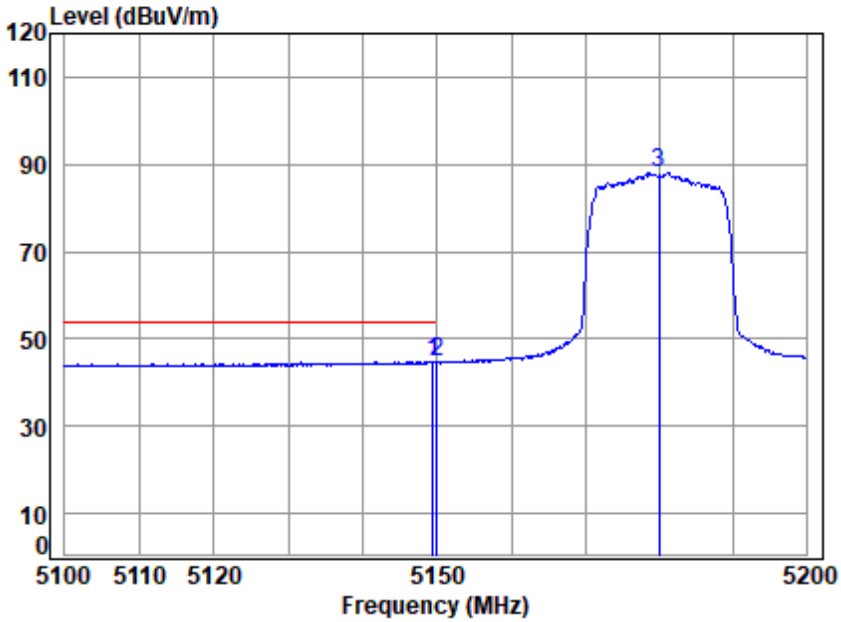



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11AC20

| | 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 | 5143.960 | 10.12 | 32.39 | 30.84 | 46.30 | 57.97 | 74.00 | -16.03 | peak |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 45.36 | 57.06 | 74.00 | -16.94 | peak |
| 3 pp | 5180.000 | 10.25 | 32.46 | 30.83 | 86.44 | 98.32 | 68.20 | 30.12 | peak |

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11ac_HT(20M)_TX_CH_36_Horizontal

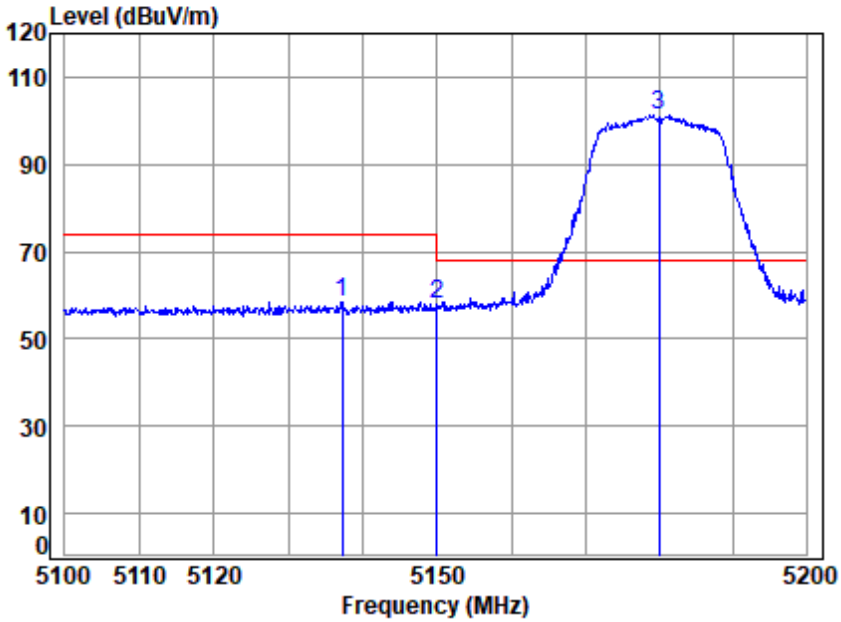



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11AC20

| | 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 | 5149.458 | 10.14 | 32.40 | 30.84 | 33.04 | 44.74 | 54.00 | -9.26 | Average |
| 2 pp | 5149.980 | 10.14 | 32.40 | 30.84 | 33.06 | 44.76 | 54.00 | -9.24 | Average |
| 3 | 5180.000 | 10.25 | 32.46 | 30.83 | 76.34 | 88.22 | ------ | ------ | Average |

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11ac_HT(20M)_TX_CH_36_Vertical

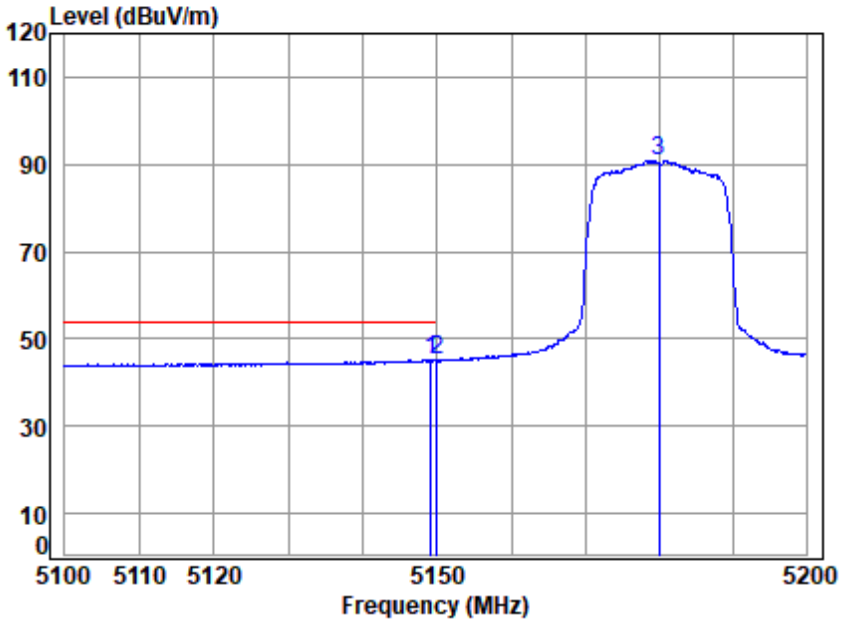



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11AC20

| | 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 | 5137.173 | 10.09 | 32.37 | 30.85 | 46.89 | 58.50 | 74.00 | -15.50 | peak |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 46.19 | 57.89 | 74.00 | -16.11 | peak |
| 3 pp | 5180.000 | 10.25 | 32.46 | 30.83 | 89.31 | 101.19 | 68.20 | 32.99 | peak |

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11ac_HT(20M)_TX_CH_36_Vertical

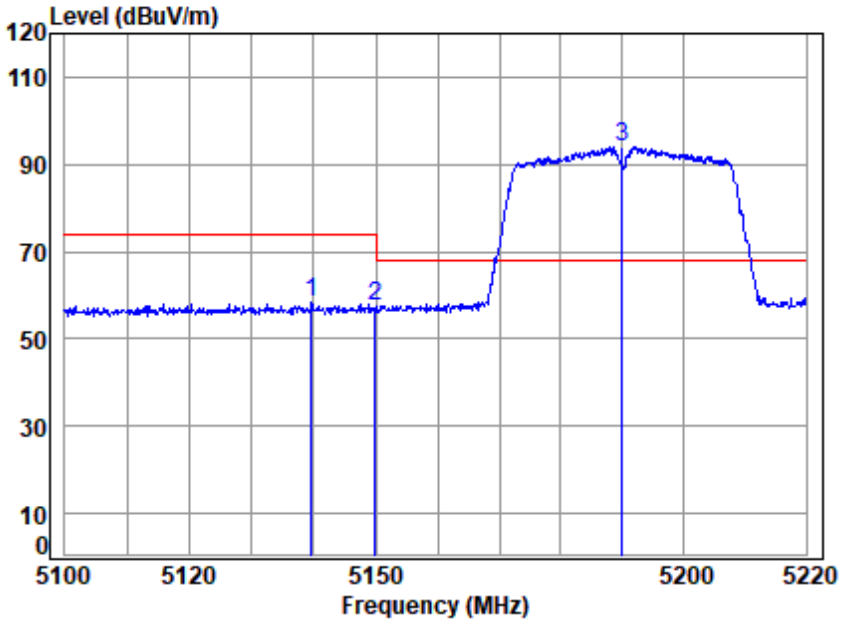



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11AC20

| | 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 | 5149.157 | 10.14 | 32.40 | 30.84 | 33.43 | 45.13 | 54.00 | -8.87 | Average |
| 2 pp | 5149.980 | 10.14 | 32.40 | 30.84 | 33.69 | 45.39 | 54.00 | -8.61 | Average |
| 3 | 5180.000 | 10.25 | 32.46 | 30.83 | 79.07 | 90.95 | ------ | ------ | Average |

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11ac_HT(40M)_TX_CH_38_Horizontal

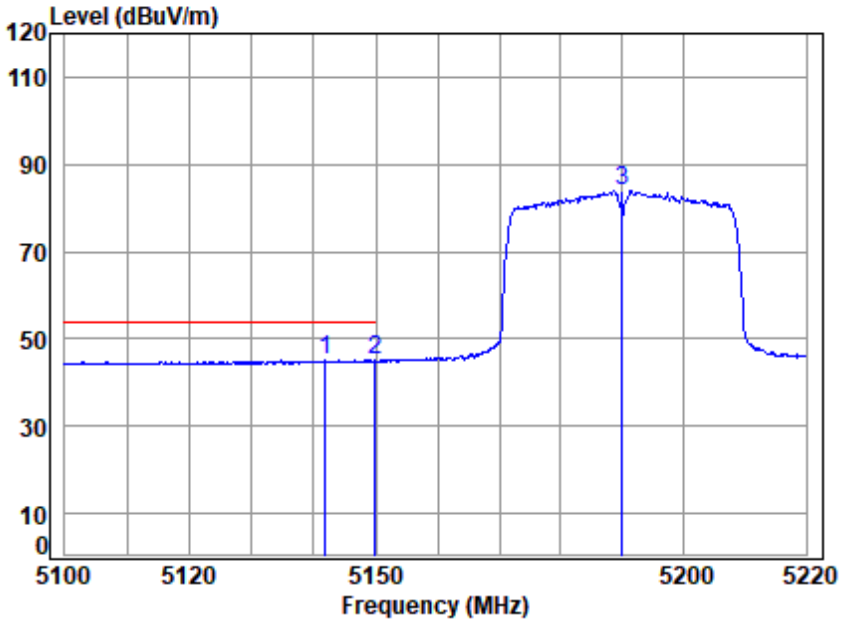



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5190 Band edge
: 5G Wi-Fi 11AC40

| | 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 | 5139.650 | 10.10 | 32.38 | 30.84 | 46.60 | 58.24 | 74.00 | -15.76 | peak |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 45.99 | 57.69 | 74.00 | -16.31 | peak |
| 3 pp | 5190.000 | 10.29 | 32.48 | 30.82 | 82.21 | 94.16 | 68.20 | 25.96 | peak |

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11ac_HT(40M)_TX_CH_38_Horizontal

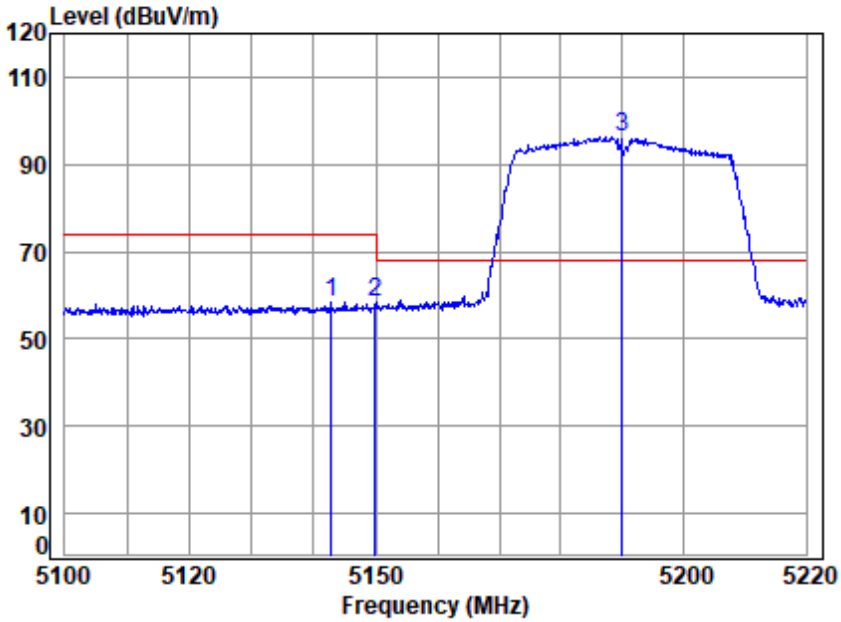



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5190 Band edge
: 5G Wi-Fi 11AC40

| | 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 | 5141.803 | 10.11 | 32.38 | 30.84 | 33.43 | 45.08 | 54.00 | -8.92 | Average |
| 2 pp | 5149.980 | 10.14 | 32.40 | 30.84 | 33.43 | 45.13 | 54.00 | -8.87 | Average |
| 3 | 5190.000 | 10.29 | 32.48 | 30.82 | 72.02 | 83.97 | ------ | ------ | Average |

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11ac_HT(40M)_TX_CH_38_Vertical

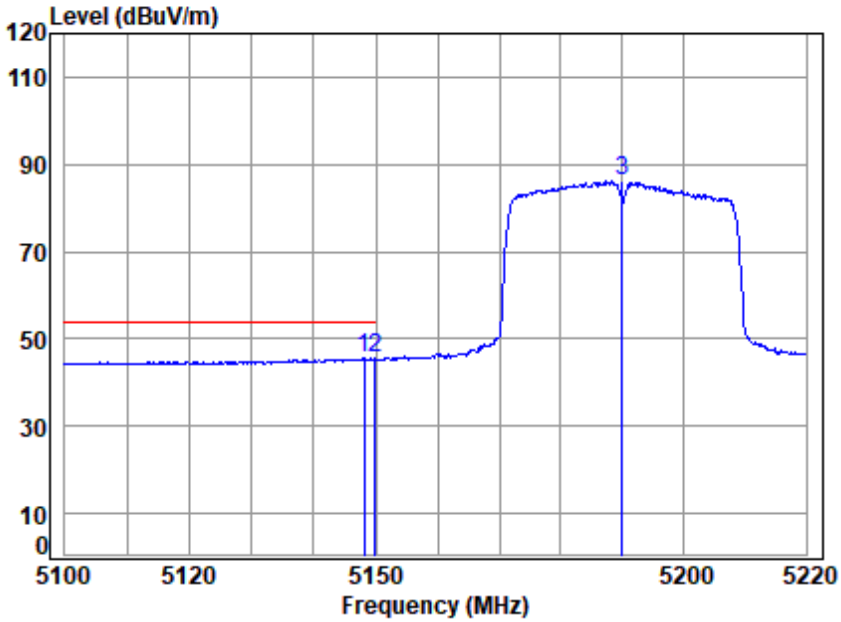



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5190 Band edge
: 5G Wi-Fi 11AC40

| | 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 | 5142.879 | 10.11 | 32.39 | 30.84 | 46.57 | 58.23 | 74.00 | -15.77 | peak |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 46.56 | 58.26 | 74.00 | -15.74 | peak |
| 3 pp | 5190.000 | 10.29 | 32.48 | 30.82 | 84.45 | 96.40 | 68.20 | 28.20 | peak |

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11ac_HT(40M)_TX_CH_38_Vertical

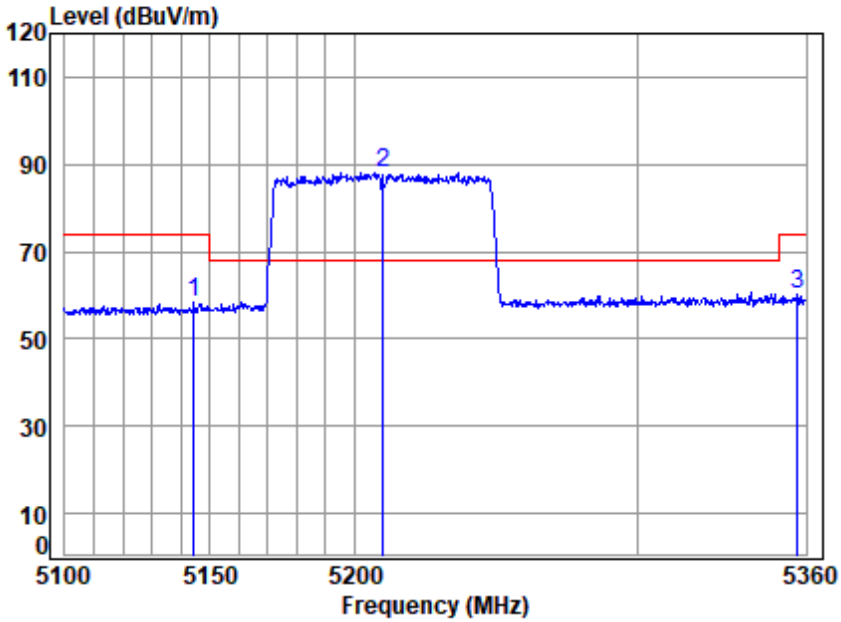



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5190 Band edge
: 5G Wi-Fi 11AC40

| | 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 | 5148.144 | 10.13 | 32.40 | 30.84 | 33.84 | 45.53 | 54.00 | -8.47 | Average |
| 2 pp | 5149.980 | 10.14 | 32.40 | 30.84 | 33.85 | 45.55 | 54.00 | -8.45 | Average |
| 3 | 5190.000 | 10.29 | 32.48 | 30.82 | 74.15 | 86.10 | ------ | ------ | Average |

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11ac_VHT(80M)_TX_CH_42_Horizontal

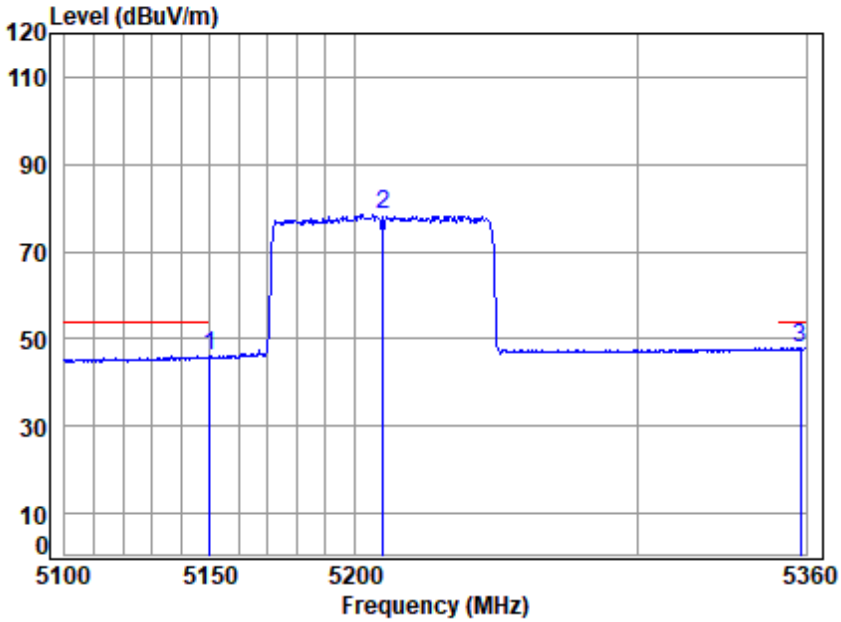



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5210 Band edge
: 5G Wi-Fi 11AC80

| | 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 | 5144.316 | 10.12 | 32.39 | 30.84 | 46.82 | 58.49 | 74.00 | -15.51 | peak |
| 2 pp | 5210.000 | 10.32 | 32.52 | 30.82 | 76.19 | 88.21 | 68.20 | 20.01 | peak |
| 3 | 5357.069 | 10.47 | 32.80 | 30.76 | 47.73 | 60.24 | 74.00 | -13.76 | peak |

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11ac_VHT(80M)_TX_CH_42_Horizontal

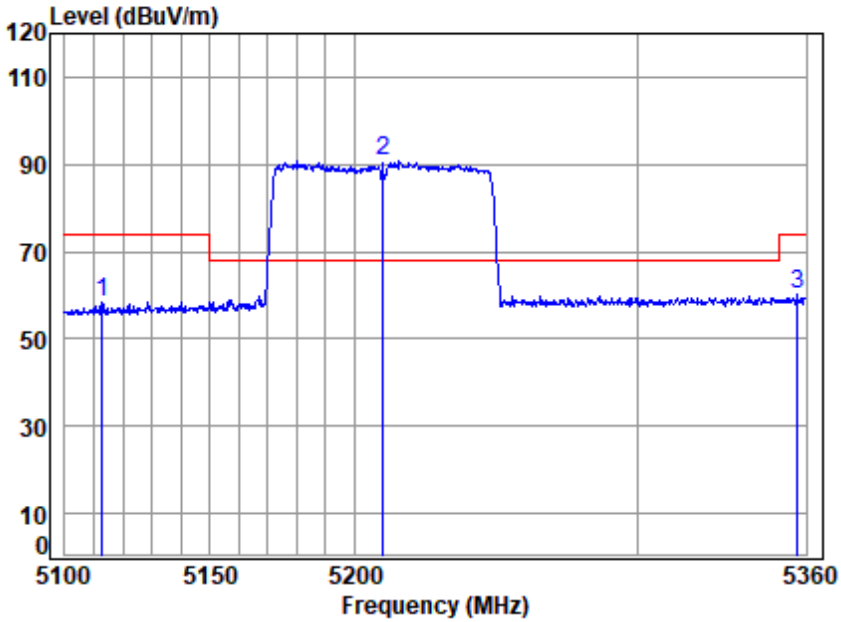



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5210 Band edge
: 5G Wi-Fi 11AC80

| | 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 | 5149.947 | 10.14 | 32.40 | 30.84 | 34.24 | 45.94 | 54.00 | -8.06 | Average |
| 2 | 5210.000 | 10.32 | 32.52 | 30.82 | 66.46 | 78.48 | ------ | ------ | Average |
| 3 pp | 5358.135 | 10.48 | 32.80 | 30.76 | 35.27 | 47.79 | 54.00 | -6.21 | Average |

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11ac_VHT(80M)_TX_CH_42_Vertical

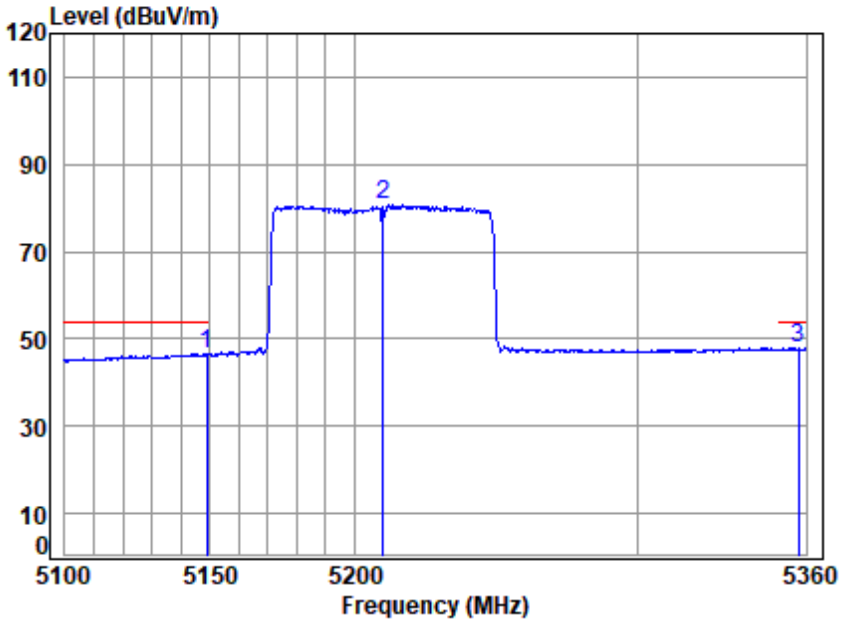



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5210 Band edge
: 5G Wi-Fi 11AC80

| | 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 | 5112.950 | 10.00 | 32.33 | 30.85 | 47.10 | 58.58 | 74.00 | -15.42 | peak |
| 2 pp | 5210.000 | 10.32 | 32.52 | 30.82 | 78.58 | 90.60 | 68.20 | 22.40 | peak |
| 3 | 5356.803 | 10.47 | 32.80 | 30.76 | 47.66 | 60.17 | 74.00 | -13.83 | peak |

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11ac_VHT(80M)_TX_CH_42_Vorizontal

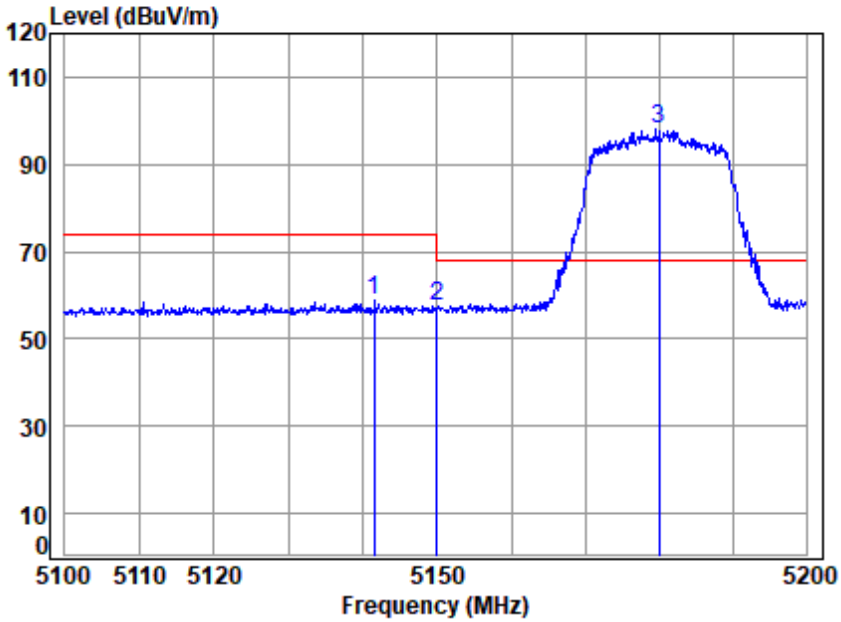



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5210 Band edge
: 5G Wi-Fi 11AC80

| | 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 | 5148.922 | 10.14 | 32.40 | 30.84 | 34.90 | 46.60 | 54.00 | -7.40 | Average |
| 2 | 5210.000 | 10.32 | 32.52 | 30.82 | 68.74 | 80.76 | ------ | ------ | Average |
| 3 pp | 5357.335 | 10.48 | 32.80 | 30.76 | 35.60 | 48.12 | 54.00 | -5.88 | Average |

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11ax_20M_TX_CH_36_Horizontal

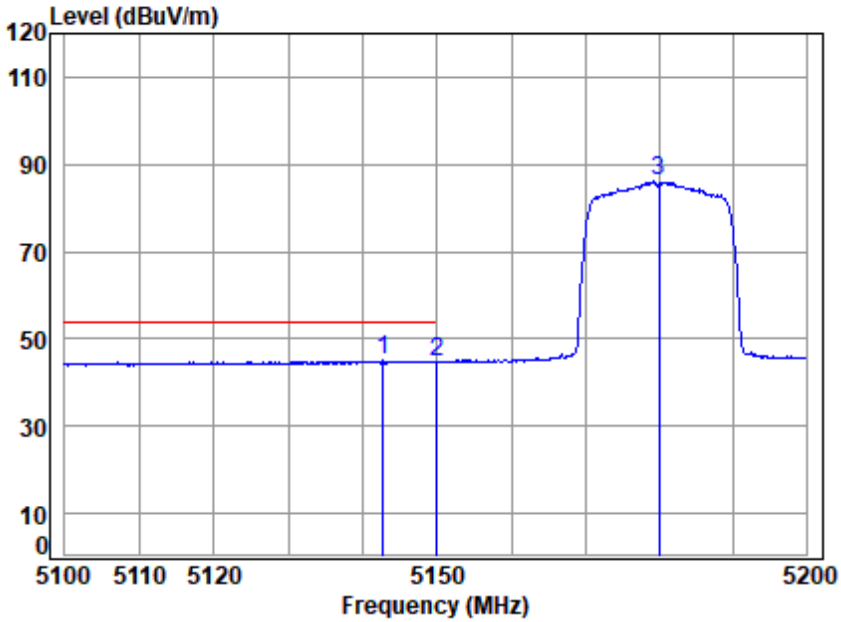



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20

| | 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 | 5141.564 | 10.11 | 32.38 | 30.84 | 47.15 | 58.80 | 74.00 | -15.20 | peak |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 45.82 | 57.52 | 74.00 | -16.48 | peak |
| 3 pp | 5180.000 | 10.25 | 32.46 | 30.83 | 86.18 | 98.06 | 68.20 | 29.86 | peak |

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11ax_20M_TX_CH_36_Horizontal

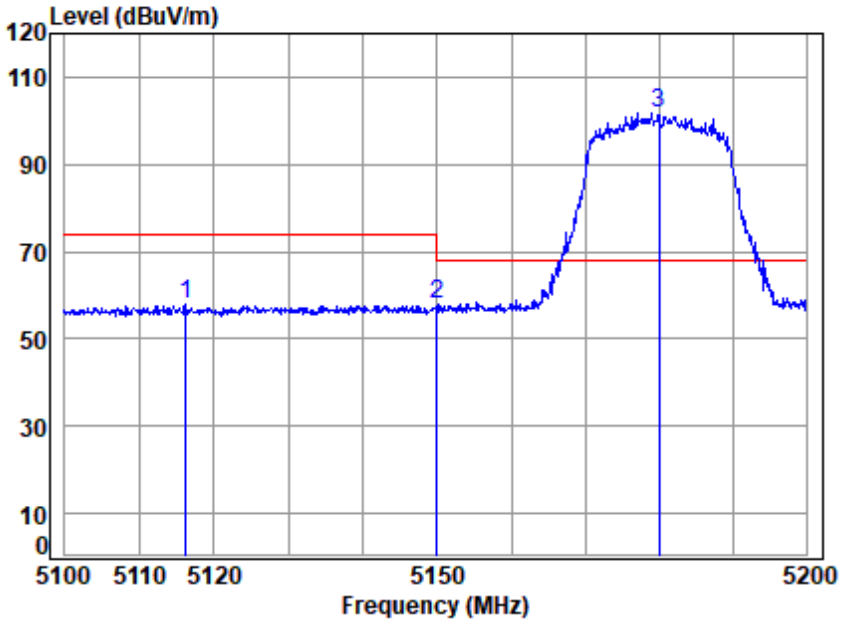



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20

| | 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 pp | 5142.662 | 10.11 | 32.39 | 30.84 | 33.29 | 44.95 | 54.00 | -9.05 | Average |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 33.21 | 44.91 | 54.00 | -9.09 | Average |
| 3 | 5180.000 | 10.25 | 32.46 | 30.83 | 74.24 | 86.12 | ------ | ------ | Average |

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11ax_20M_TX_CH_36_Vertical

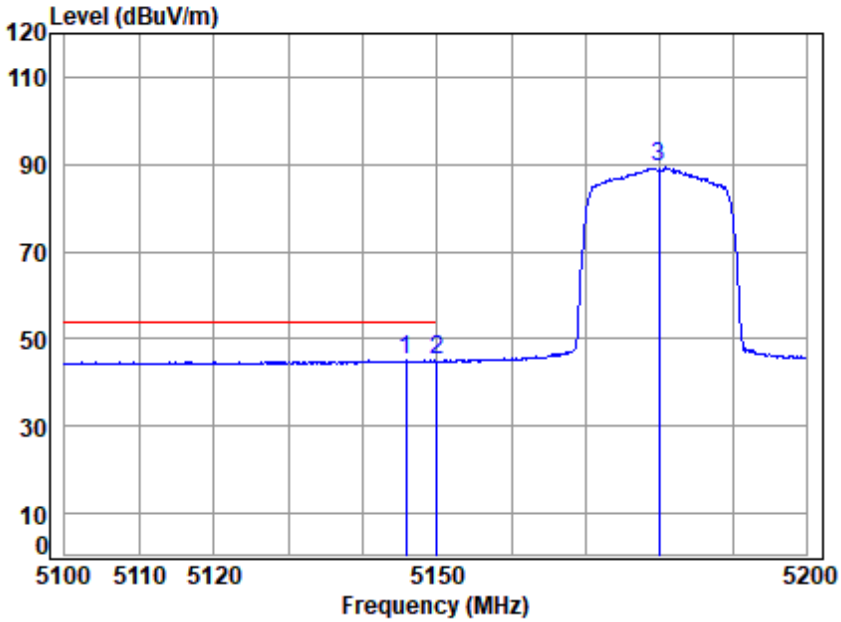



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20

| | 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 | 5116.267 | 10.01 | 32.33 | 30.85 | 46.28 | 57.77 | 74.00 | -16.23 | peak |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 46.21 | 57.91 | 74.00 | -16.09 | peak |
| 3 pp | 5180.000 | 10.25 | 32.46 | 30.83 | 89.99 | 101.87 | 68.20 | 33.67 | peak |

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11ax_20M_TX_CH_36_Vertical

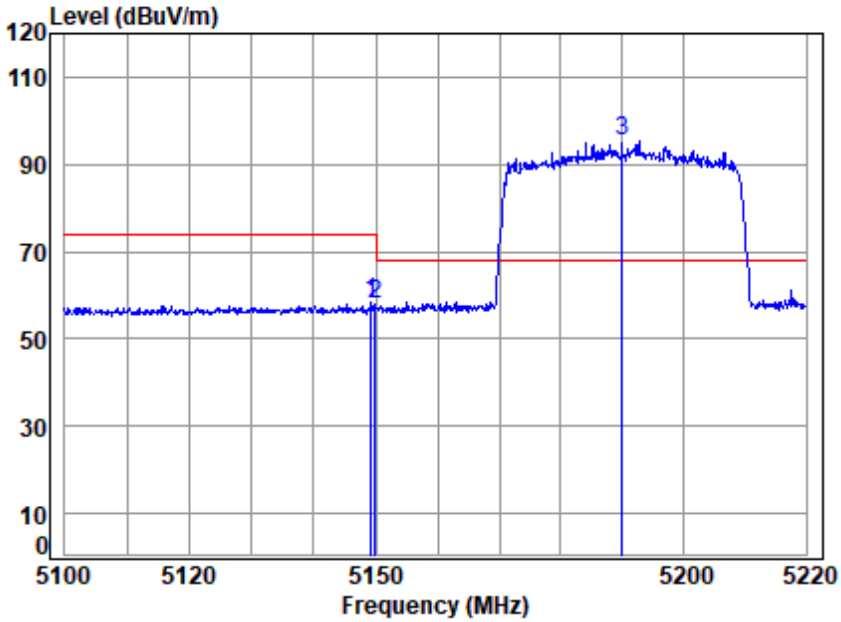



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20

| | 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 pp | 5145.859 | 10.13 | 32.39 | 30.84 | 33.45 | 45.13 | 54.00 | -8.87 | Average |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 33.25 | 44.95 | 54.00 | -9.05 | Average |
| 3 | 5180.000 | 10.25 | 32.46 | 30.83 | 77.36 | 89.24 | ------ | ------ | Average |

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11ax_40M_TX_CH_38_Horizontal

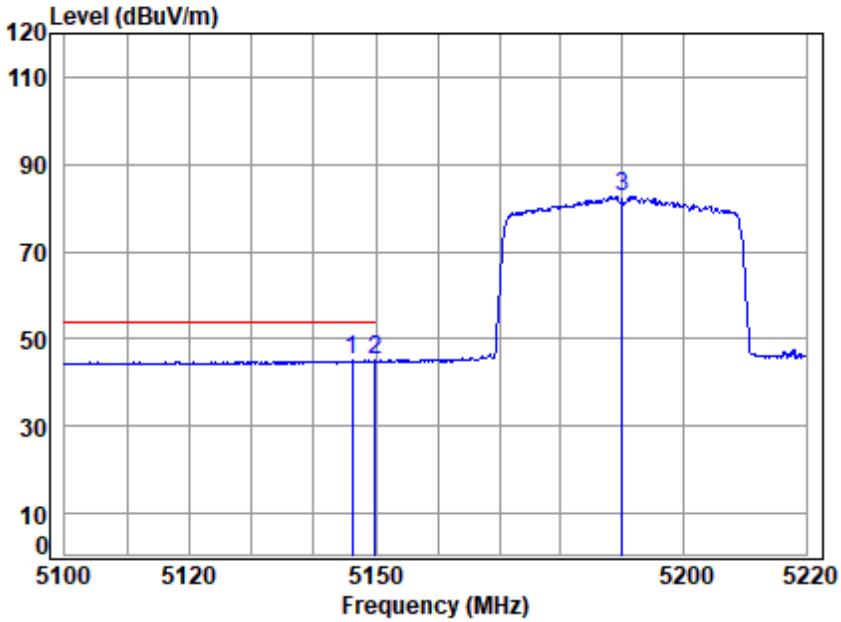



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5190 Band edge
: 5G Wi-Fi 11AX40

| | 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 | 5149.342 | 10.14 | 32.40 | 30.84 | 46.56 | 58.26 | 74.00 | -15.74 | peak |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 46.24 | 57.94 | 74.00 | -16.06 | peak |
| 3 pp | 5190.000 | 10.29 | 32.48 | 30.82 | 83.33 | 95.28 | 68.20 | 27.08 | peak |

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11ax_40M_TX_CH_38_Horizontal

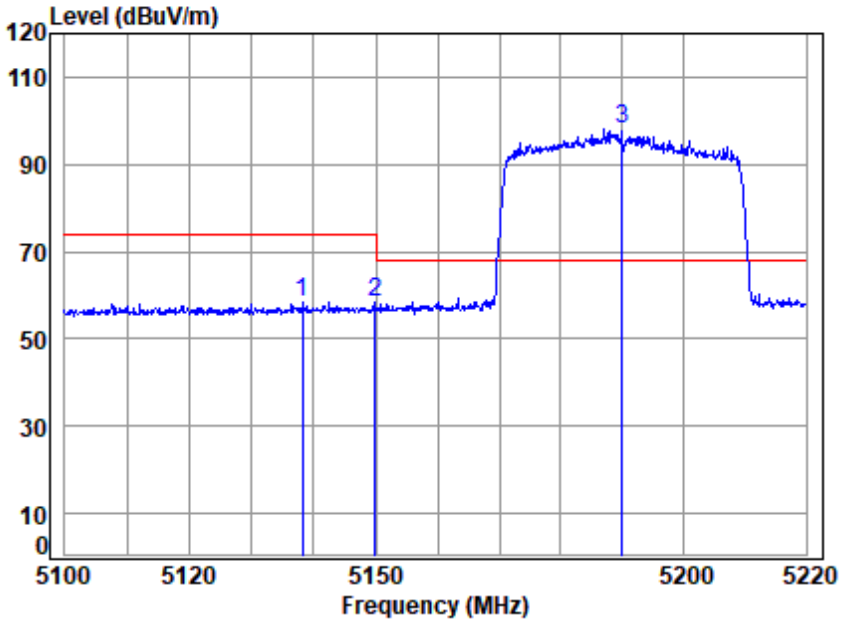



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5190 Band edge
: 5G Wi-Fi 11AX40

| | 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 pp | 5146.229 | 10.13 | 32.39 | 30.84 | 33.55 | 45.23 | 54.00 | -8.77 | Average |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 33.24 | 44.94 | 54.00 | -9.06 | Average |
| 3 | 5190.000 | 10.29 | 32.48 | 30.82 | 70.78 | 82.73 | ------ | ------ | Average |

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11ax_40M_TX_CH_38_Vertical

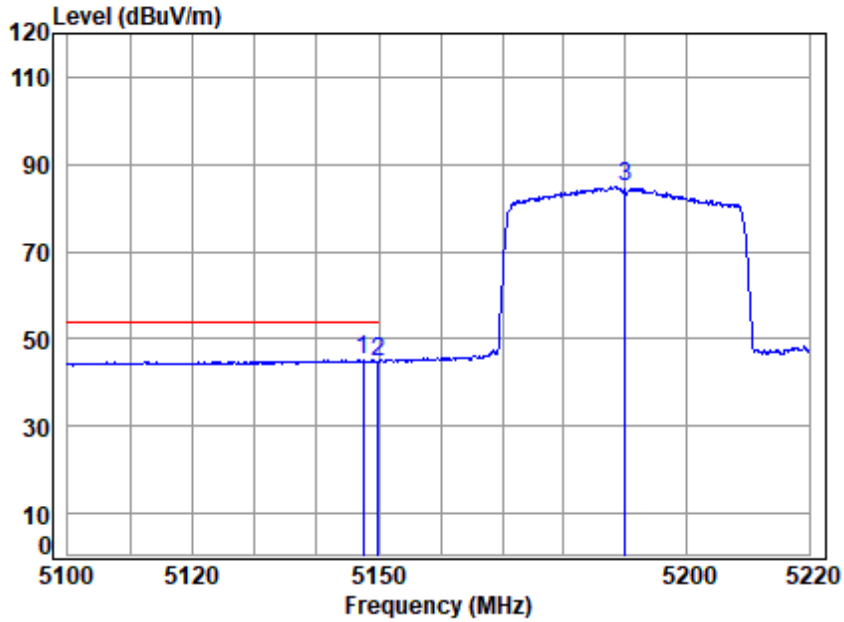



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5190 Band edge
: 5G Wi-Fi 11AX40

| | 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 | 5138.097 | 10.10 | 32.38 | 30.84 | 46.69 | 58.33 | 74.00 | -15.67 | peak |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 46.59 | 58.29 | 74.00 | -15.71 | peak |
| 3 pp | 5190.000 | 10.29 | 32.48 | 30.82 | 86.00 | 97.95 | 68.20 | 29.75 | peak |

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11ax_40M_TX_CH_38_Vertical

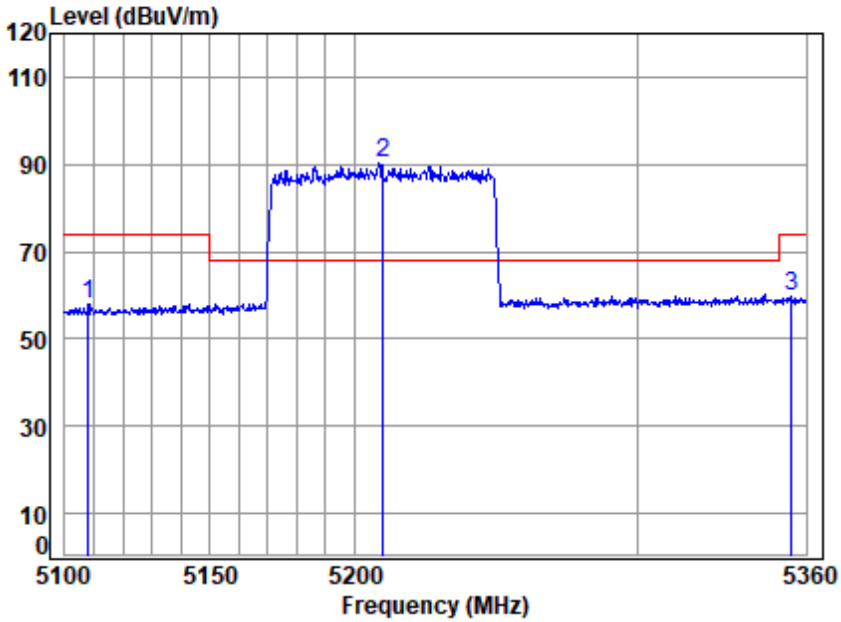



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5190 Band edge
: 5G Wi-Fi 11AX40

| | 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 pp | 5147.545 | 10.13 | 32.40 | 30.84 | 33.49 | 45.18 | 54.00 | -8.82 | Average |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 33.22 | 44.92 | 54.00 | -9.08 | Average |
| 3 | 5190.000 | 10.29 | 32.48 | 30.82 | 73.05 | 85.00 | ------ | ------ | Average |

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11ax_80M_TX_CH_42_Horizontal

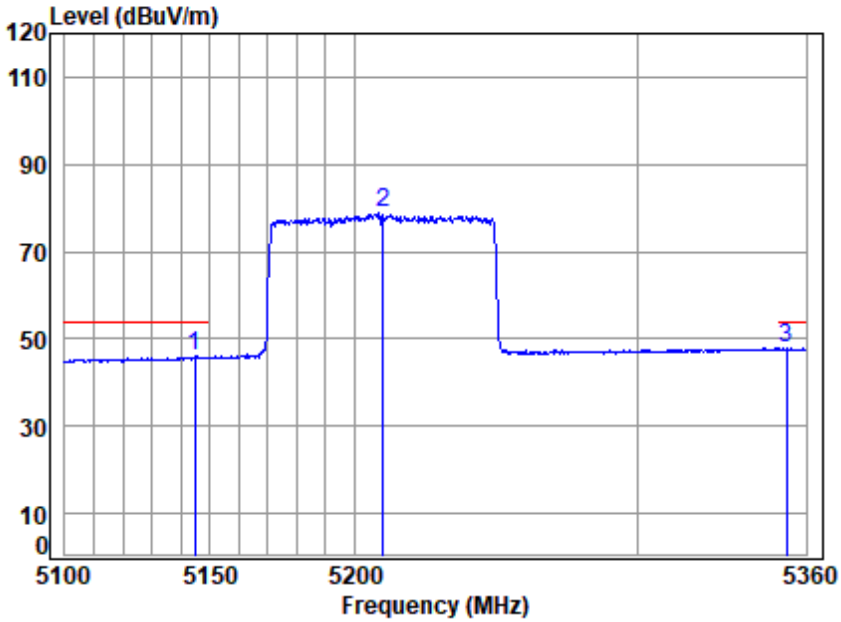



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5210 Band edge
: 5G Wi-Fi 11AX80

| | 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 | 5108.121 | 9.98 | 32.32 | 30.86 | 46.32 | 57.76 | 74.00 | -16.24 | peak |
| 2 pp | 5210.000 | 10.32 | 32.52 | 30.82 | 78.19 | 90.21 | 68.20 | 22.01 | peak |
| 3 | 5354.938 | 10.47 | 32.80 | 30.76 | 47.27 | 59.78 | 74.00 | -14.22 | peak |

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11ax_80M_TX_CH_42_Horizontal

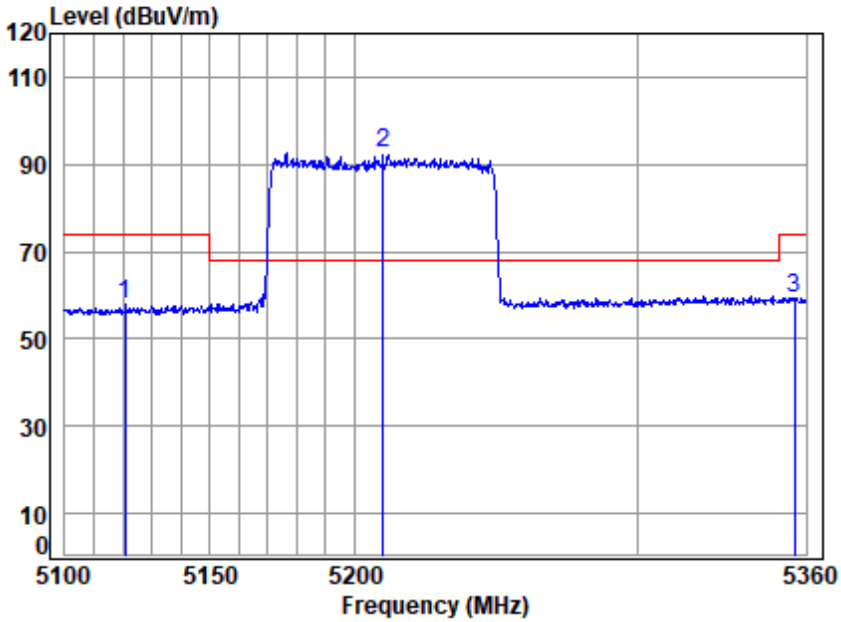



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5210 Band edge
: 5G Wi-Fi 11AX80

| | 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 | 5144.828 | 10.12 | 32.39 | 30.84 | 34.36 | 46.03 | 54.00 | -7.97 | Average |
| 2 | 5210.000 | 10.32 | 32.52 | 30.82 | 66.70 | 78.72 | ------ | ------ | Average |
| 3 pp | 5353.075 | 10.46 | 32.80 | 30.76 | 35.43 | 47.93 | 54.00 | -6.07 | Average |

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11ax_80M_TX_CH_42_Vertical

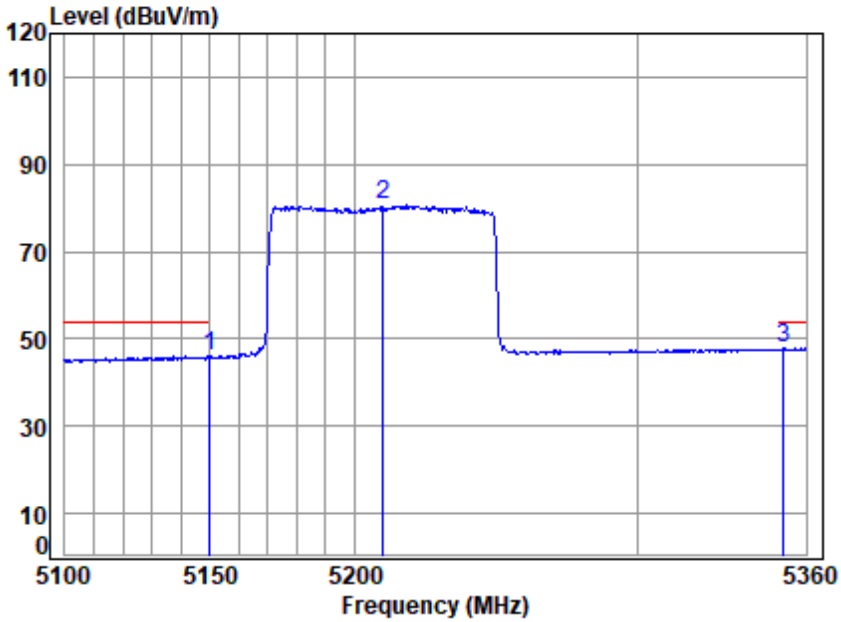



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5210 Band edge
: 5G Wi-Fi 11AX80

| | 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 | 5120.837 | 10.03 | 32.34 | 30.85 | 46.33 | 57.85 | 74.00 | -16.15 | peak |
| 2 pp | 5210.000 | 10.32 | 32.52 | 30.82 | 80.64 | 92.66 | 68.20 | 24.46 | peak |
| 3 | 5355.737 | 10.47 | 32.80 | 30.76 | 46.90 | 59.41 | 74.00 | -14.59 | peak |

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11ax_80M_TX_CH_42_Vertical

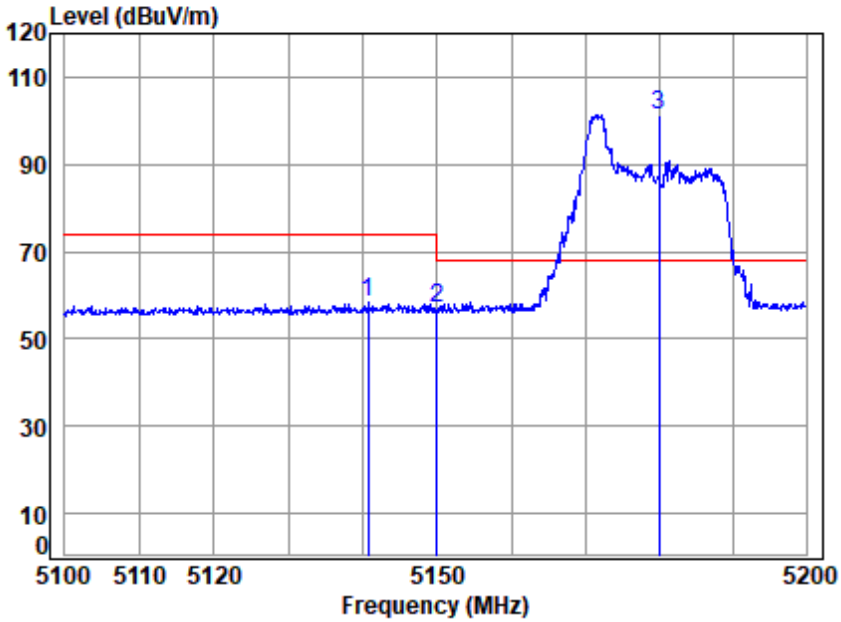



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5210 Band edge
: 5G Wi-Fi 11AX80

| | 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 | 5149.947 | 10.14 | 32.40 | 30.84 | 34.34 | 46.04 | 54.00 | -7.96 | Average |
| 2 | 5210.000 | 10.32 | 32.52 | 30.82 | 68.66 | 80.68 | ------ | ------ | Average |
| 3 pp | 5352.010 | 10.46 | 32.80 | 30.76 | 35.32 | 47.82 | 54.00 | -6.18 | Average |

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11ax_20M_Partial_RU26_TX_CH_36_Horizontal



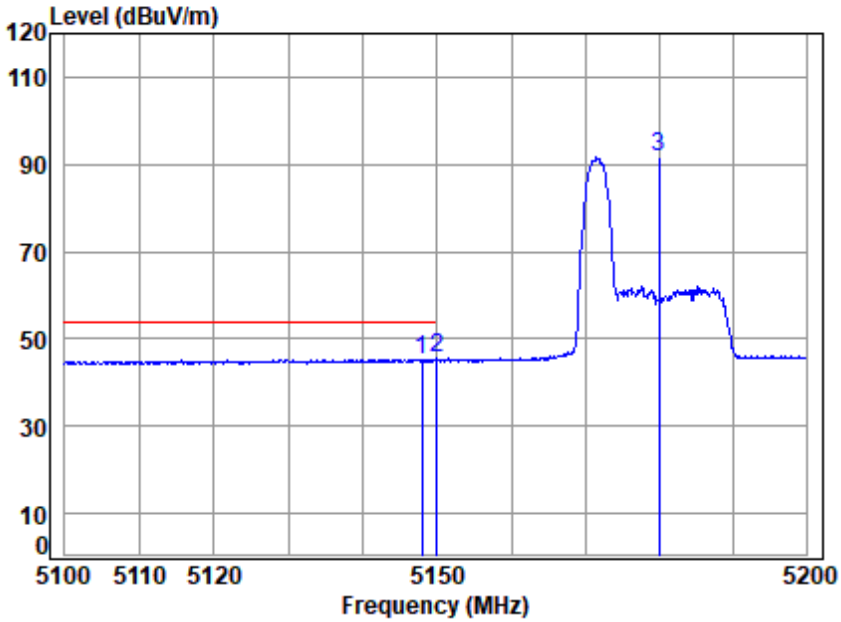

Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU26

| | 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 | 5140.666 | 10.11 | 32.38 | 30.84 | 46.65 | 58.30 | 74.00 | -15.70 | peak |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 45.35 | 57.05 | 74.00 | -16.95 | peak |
| 3 pp | 5180.000 | 10.25 | 32.46 | 30.83 | 89.62 | 101.50 | 68.20 | 33.30 | peak |

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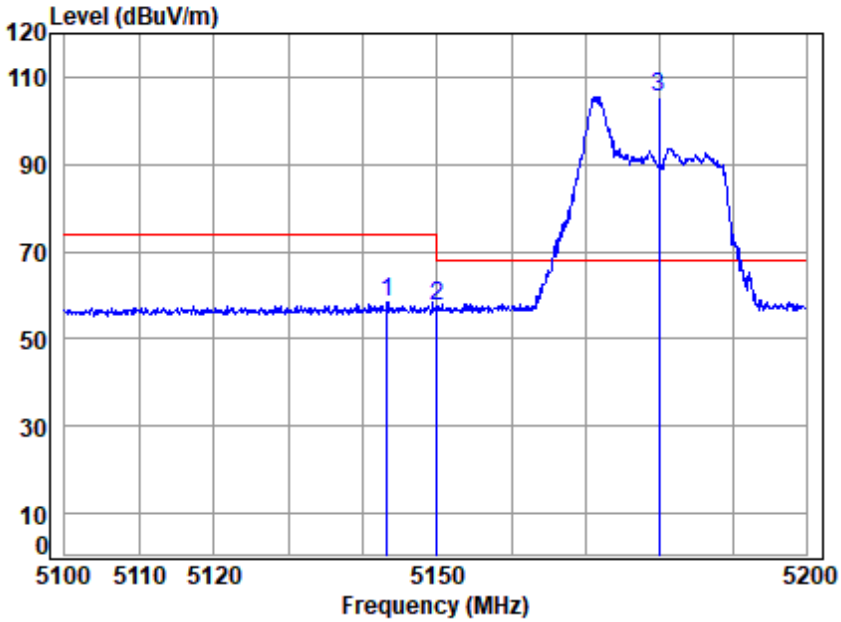



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU26

| | 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 | 5147.958 | 10.13 | 32.40 | 30.84 | 33.64 | 45.33 | 54.00 | -8.67 | Average |
| 2 pp | 5149.980 | 10.14 | 32.40 | 30.84 | 33.74 | 45.44 | 54.00 | -8.56 | Average |
| 3 | 5180.000 | 10.25 | 32.46 | 30.83 | 79.63 | 91.51 | ------ | ------ | Average |

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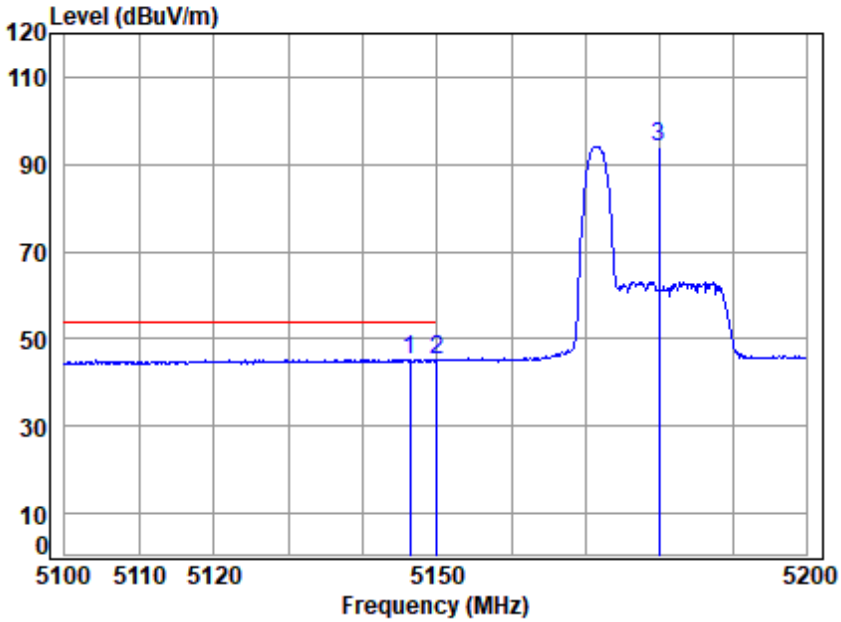



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU26

| | 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 | 5143.262 | 10.12 | 32.39 | 30.84 | 46.73 | 58.40 | 74.00 | -15.60 | peak |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 45.76 | 57.46 | 74.00 | -16.54 | peak |
| 3 pp | 5180.000 | 10.25 | 32.46 | 30.83 | 93.69 | 105.57 | 68.20 | 37.37 | peak |

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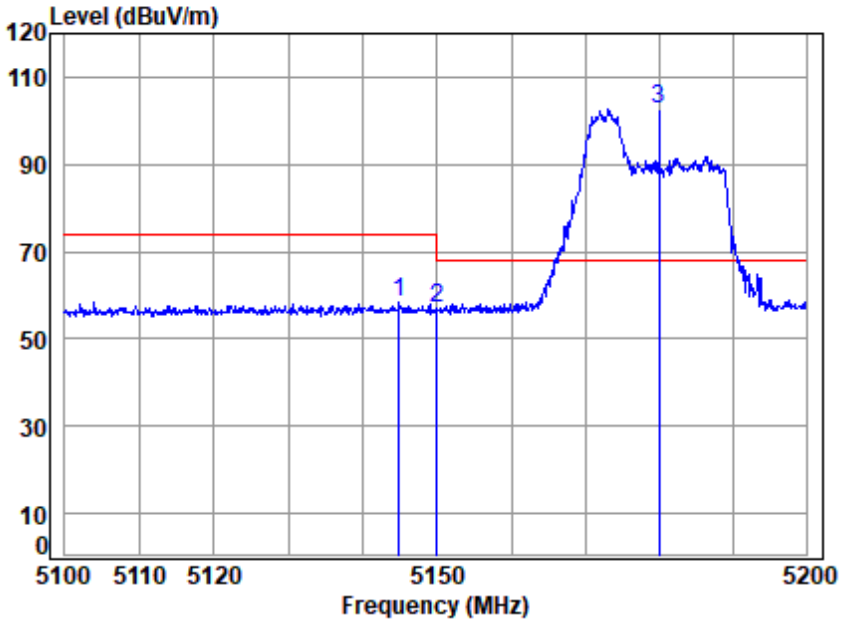



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU26

| | 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 pp | 5146.358 | 10.13 | 32.39 | 30.84 | 33.58 | 45.26 | 54.00 | -8.74 | Average |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 33.51 | 45.21 | 54.00 | -8.79 | Average |
| 3 | 5180.000 | 10.25 | 32.46 | 30.83 | 82.27 | 94.15 | ------ | ------ | Average |

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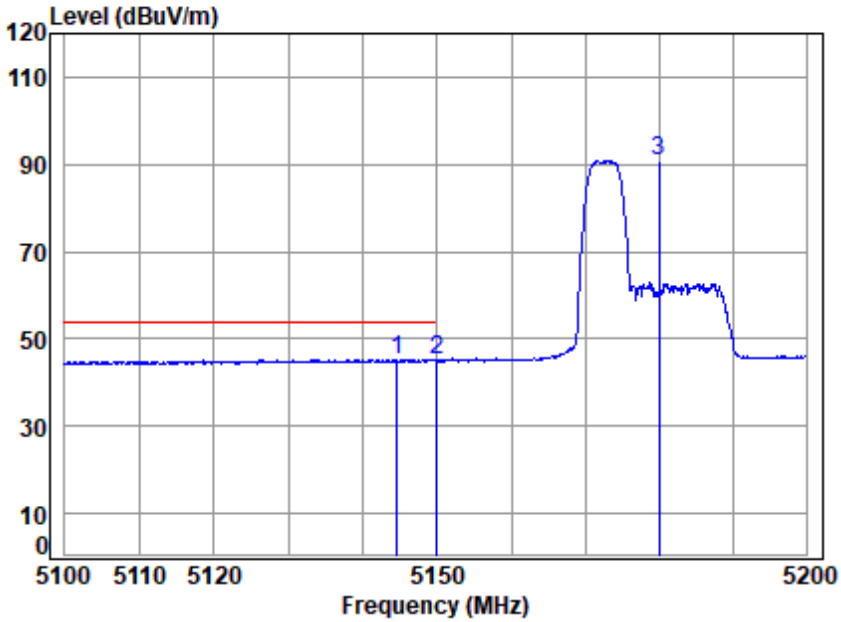



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU52

| | 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 | 5144.860 | 10.12 | 32.39 | 30.84 | 46.90 | 58.57 | 74.00 | -15.43 | peak |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 45.37 | 57.07 | 74.00 | -16.93 | peak |
| 3 pp | 5180.000 | 10.25 | 32.46 | 30.83 | 90.95 | 102.83 | 68.20 | 34.63 | peak |

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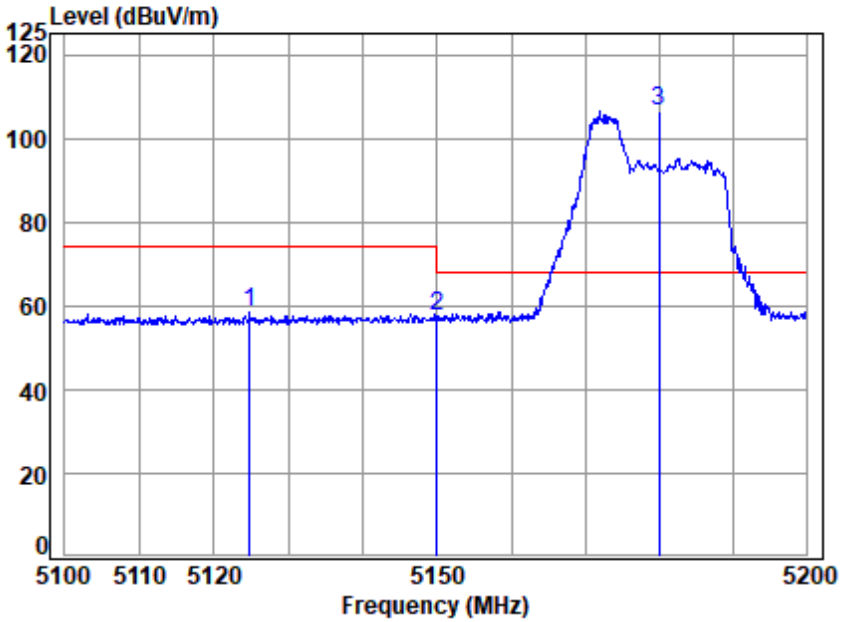



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU52

| | 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 pp | 5144.560 | 10.12 | 32.39 | 30.84 | 33.66 | 45.33 | 54.00 | -8.67 | Average |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 33.45 | 45.15 | 54.00 | -8.85 | Average |
| 3 | 5180.000 | 10.25 | 32.46 | 30.83 | 78.86 | 90.74 | ------ | ------ | Average |

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11ax_20M_Partial_RU52_TX_CH_36_Vertical

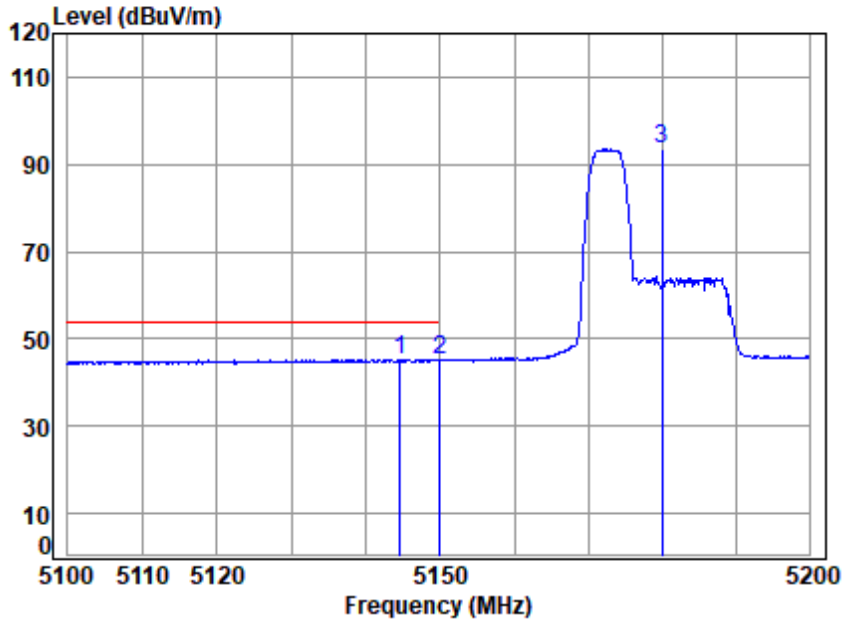



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU52

| | 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 | 5124.818 | 10.04 | 32.35 | 30.85 | 46.69 | 58.23 | 74.00 | -15.77 | peak |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 46.01 | 57.71 | 74.00 | -16.29 | peak |
| 3 pp | 5180.000 | 10.25 | 32.46 | 30.83 | 94.73 | 106.61 | 68.20 | 38.41 | peak |

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11ax_20M_Partial_RU52_TX_CH_36_Vertical

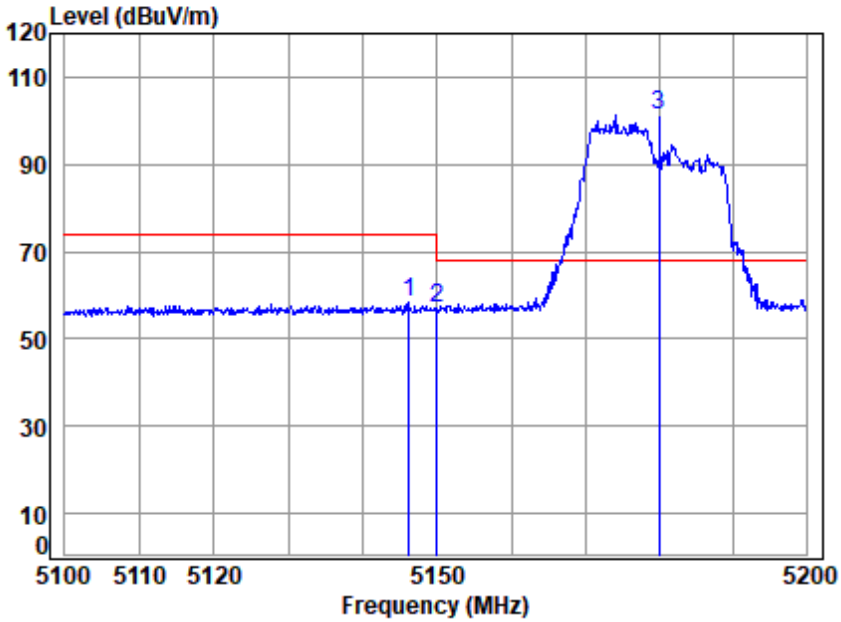



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU52

| | 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 pp | 5144.560 | 10.12 | 32.39 | 30.84 | 33.71 | 45.38 | 54.00 | -8.62 | Average |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 33.56 | 45.26 | 54.00 | -8.74 | Average |
| 3 | 5180.000 | 10.25 | 32.46 | 30.83 | 81.57 | 93.45 | ------ | ------ | Average |

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11ax_20M_Partial_RU106_TX_CH_36_Horizontal

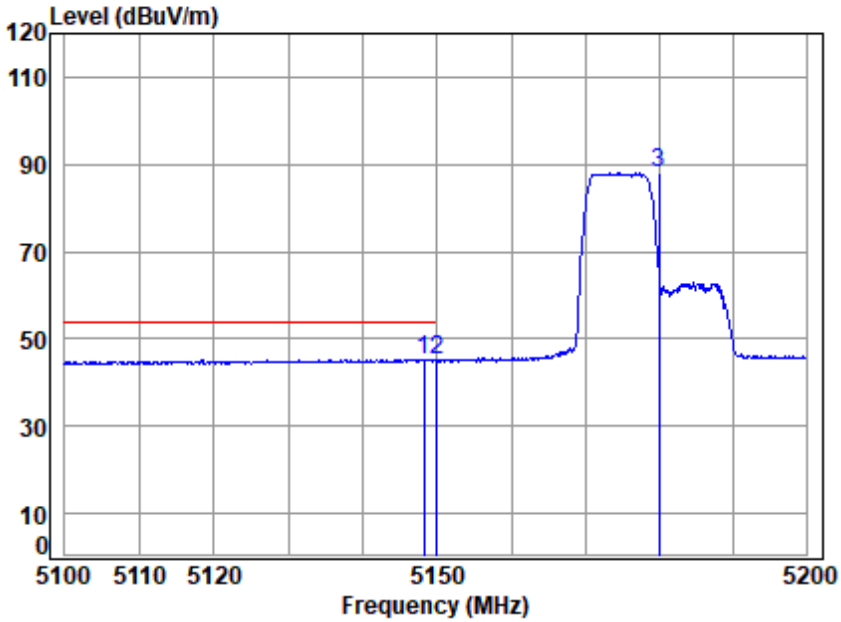



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU106

| | 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 | 5146.258 | 10.13 | 32.39 | 30.84 | 46.82 | 58.50 | 74.00 | -15.50 | peak |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 45.56 | 57.26 | 74.00 | -16.74 | peak |
| 3 pp | 5180.000 | 10.25 | 32.46 | 30.83 | 89.30 | 101.18 | 68.20 | 32.98 | peak |

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11ax_20M_Partial_RU106_TX_CH_36_Horizontal

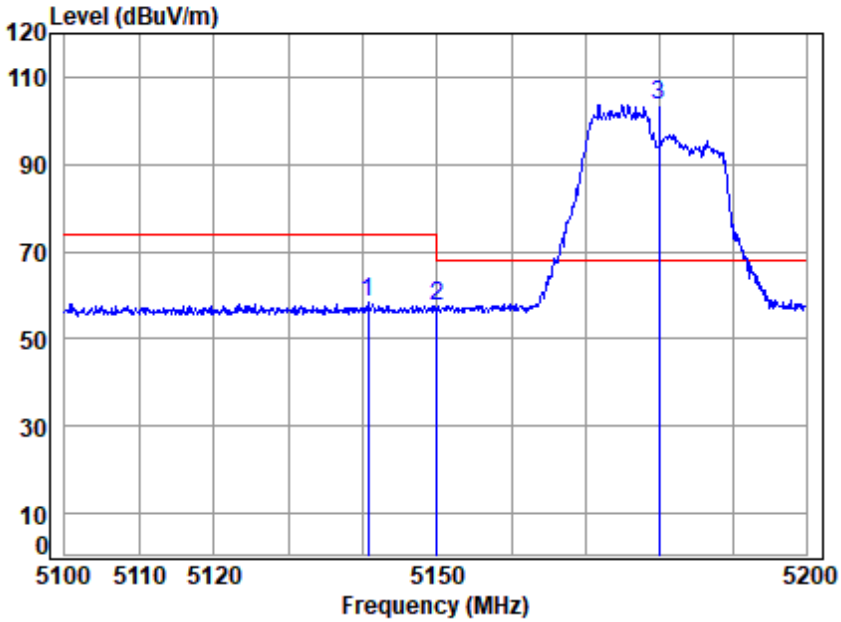



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU106

| | 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 pp | 5148.158 | 10.13 | 32.40 | 30.84 | 33.56 | 45.25 | 54.00 | -8.75 | Average |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 33.39 | 45.09 | 54.00 | -8.91 | Average |
| 3 | 5180.000 | 10.25 | 32.46 | 30.83 | 76.14 | 88.02 | ------ | ------ | Average |

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11ax_20M_Partial_RU106_TX_CH_36_Vertical

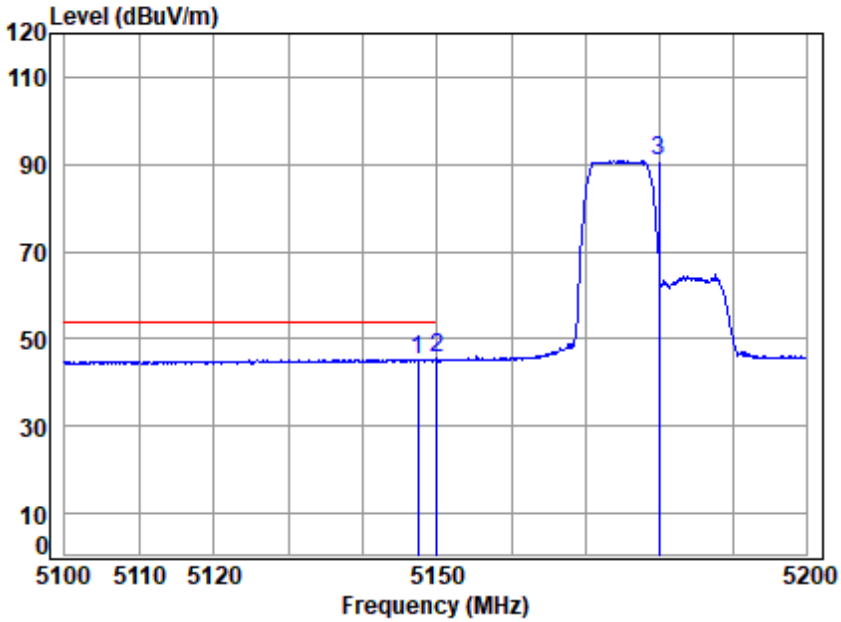



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU106

| | 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 | 5140.666 | 10.11 | 32.38 | 30.84 | 46.70 | 58.35 | 74.00 | -15.65 | peak |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 46.00 | 57.70 | 74.00 | -16.30 | peak |
| 3 pp | 5180.000 | 10.25 | 32.46 | 30.83 | 91.69 | 103.57 | 68.20 | 35.37 | peak |

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11ax_20M_Partial_RU106_TX_CH_36_Vertical

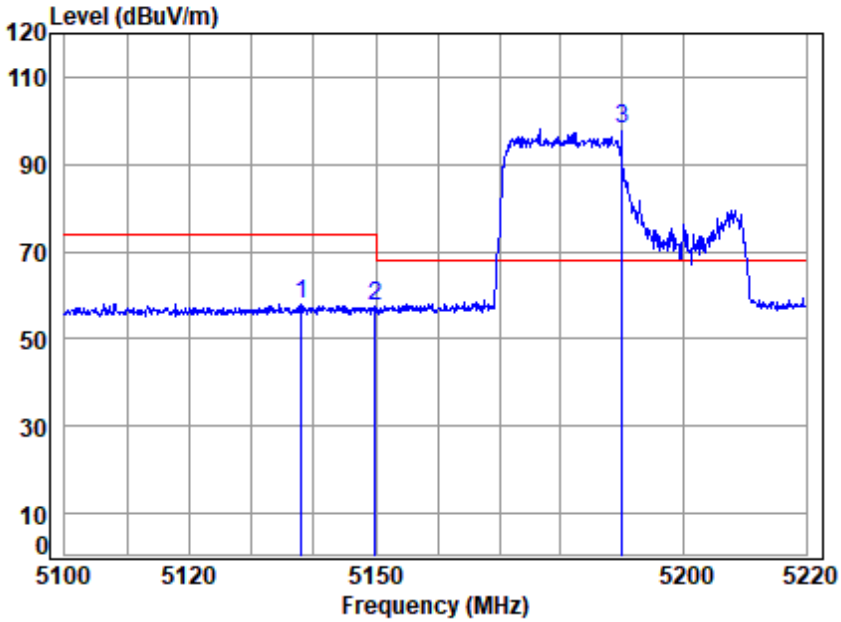



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5180 Band edge
: 5G Wi-Fi 11AX20 RU106

| | 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 | 5147.358 | 10.13 | 32.39 | 30.84 | 33.59 | 45.27 | 54.00 | -8.73 | Average |
| 2 pp | 5149.980 | 10.14 | 32.40 | 30.84 | 33.71 | 45.41 | 54.00 | -8.59 | Average |
| 3 | 5180.000 | 10.25 | 32.46 | 30.83 | 78.95 | 90.83 | ------ | ------ | Average |

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11ax_40M_Partial_RU242_TX_CH_38_Horizontal

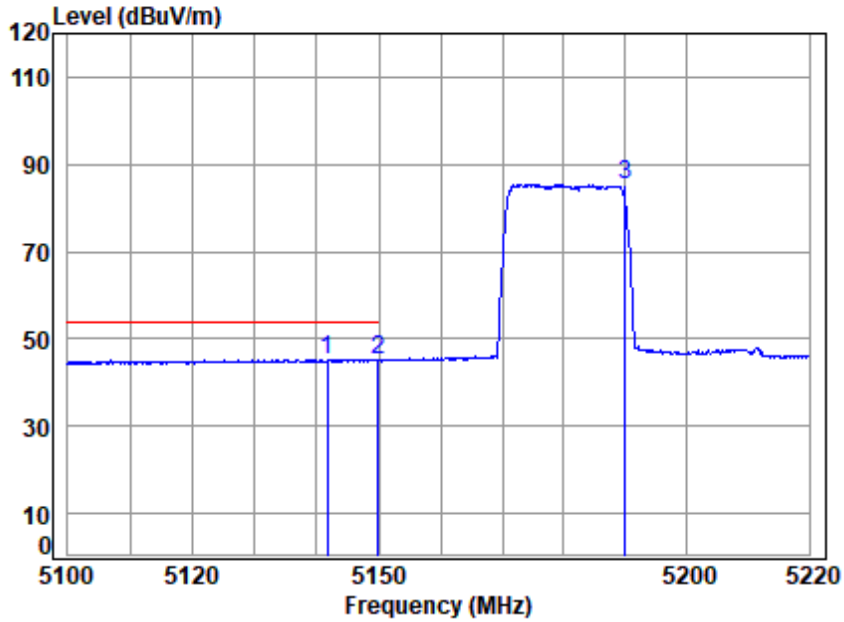



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5190 Band edge
: 5G Wi-Fi 11AX40 RU242

| | 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 | 5137.977 | 10.10 | 32.38 | 30.84 | 46.48 | 58.12 | 74.00 | -15.88 | peak |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 45.60 | 57.30 | 74.00 | -16.70 | peak |
| 3 pp | 5190.000 | 10.29 | 32.48 | 30.82 | 86.08 | 98.03 | 68.20 | 29.83 | peak |

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11ax_40M_Partial_RU242_TX_CH_38_Horizontal

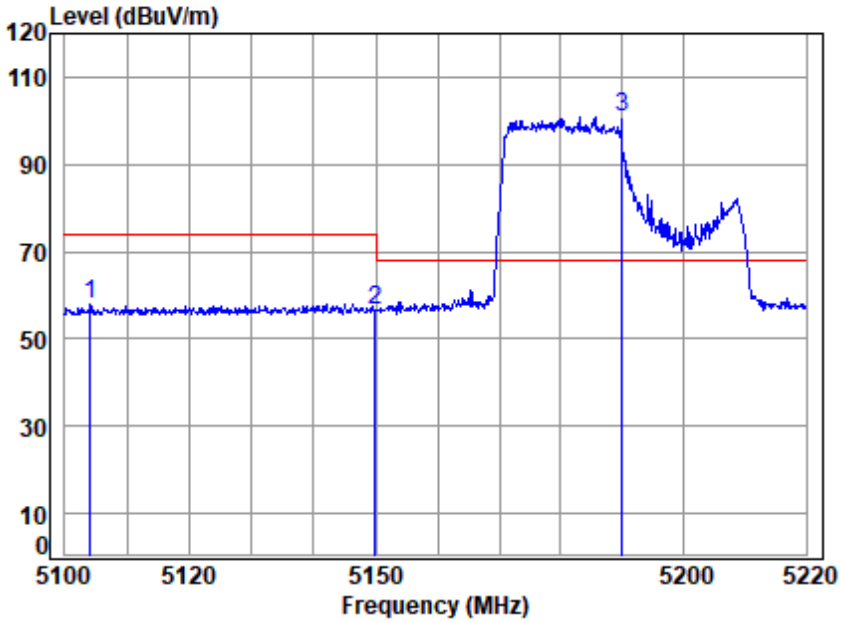



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5190 Band edge
: 5G Wi-Fi 11AX40 RU242

| | 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 pp | 5141.683 | 10.11 | 32.38 | 30.84 | 33.74 | 45.39 | 54.00 | -8.61 | Average |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 33.51 | 45.21 | 54.00 | -8.79 | Average |
| 3 | 5190.000 | 10.29 | 32.48 | 30.82 | 73.48 | 85.43 | ------ | ------ | Average |

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11ax_40M_Partial_RU242_TX_CH_38_Vertical

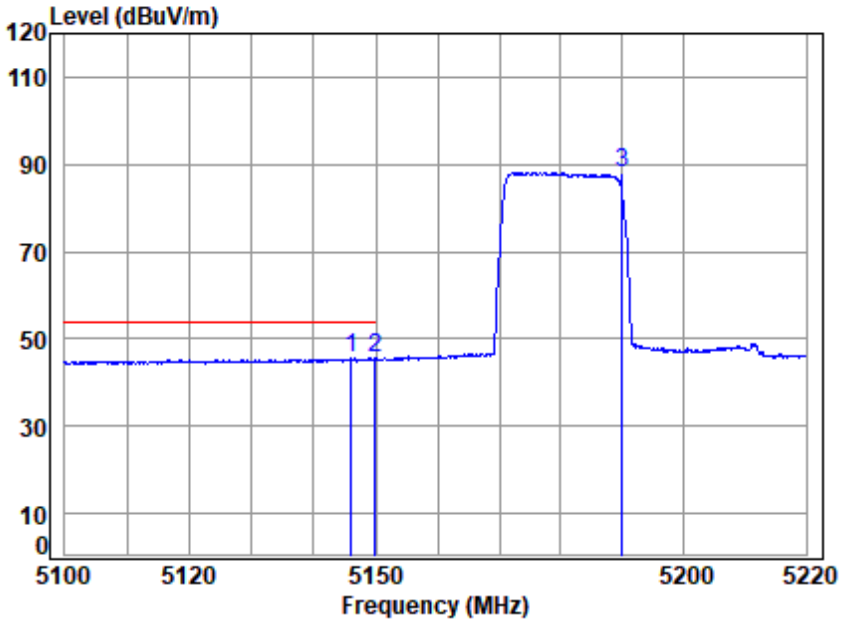



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5190 Band edge
: 5G Wi-Fi 11AX40 RU242

| | 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 | 5104.153 | 9.97 | 32.31 | 30.86 | 46.67 | 58.09 | 74.00 | -15.91 | peak |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 45.08 | 56.78 | 74.00 | -17.22 | peak |
| 3 pp | 5190.000 | 10.29 | 32.48 | 30.82 | 88.93 | 100.88 | 68.20 | 32.68 | peak |

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11ax_40M_Partial_RU242_TX_CH_38_Vertical

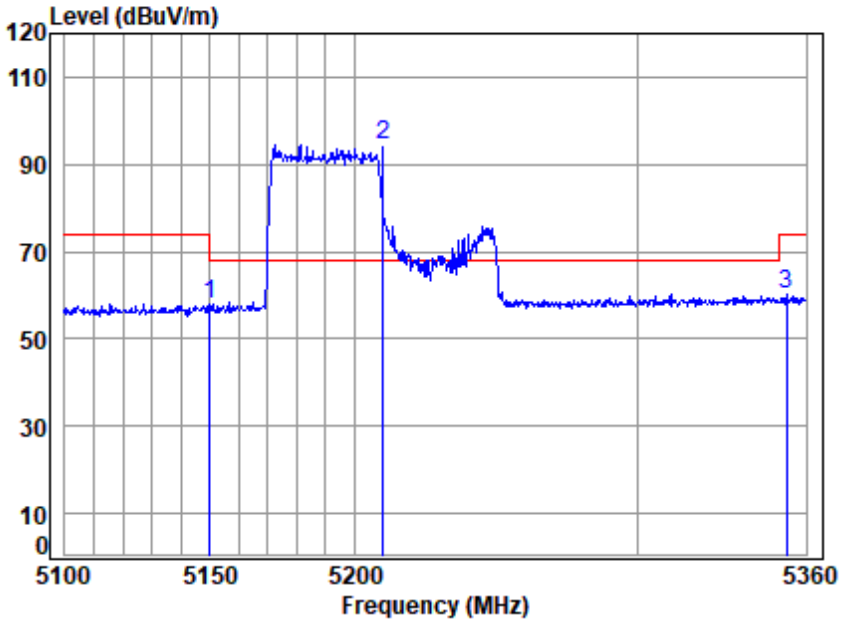



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5190 Band edge
: 5G Wi-Fi 11AX40 RU242

| | 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 pp | 5146.109 | 10.13 | 32.39 | 30.84 | 33.85 | 45.53 | 54.00 | -8.47 | Average |
| 2 | 5149.980 | 10.14 | 32.40 | 30.84 | 33.78 | 45.48 | 54.00 | -8.52 | Average |
| 3 | 5190.000 | 10.29 | 32.48 | 30.82 | 76.22 | 88.17 | ------ | ------ | Average |

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11ax_80M_Partial_RU484_TX_CH_42_Horizontal

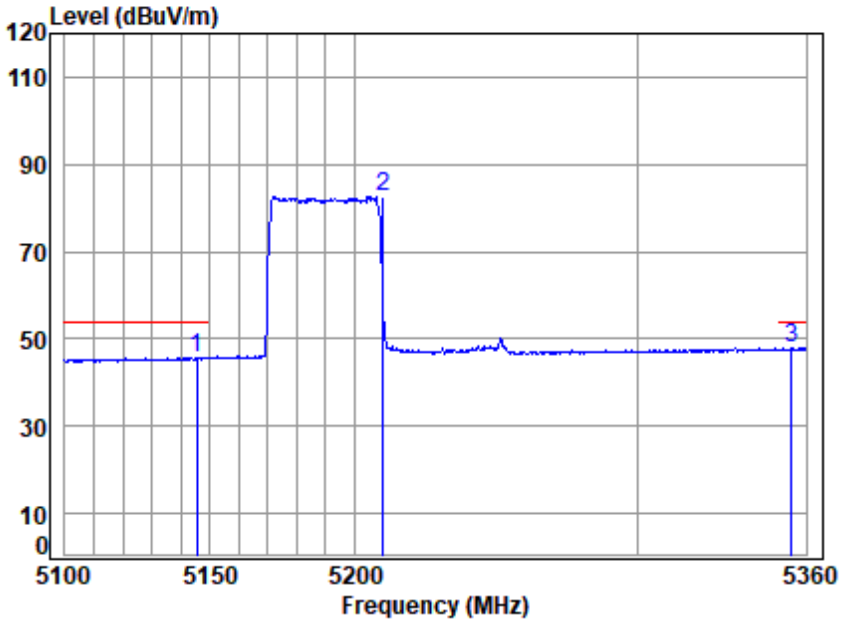



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5210 Band edge
: 5G Wi-Fi 11AX80 RU484

| | 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 | 5149.947 | 10.14 | 32.40 | 30.84 | 46.44 | 58.14 | 74.00 | -15.86 | peak |
| 2 pp | 5210.000 | 10.32 | 32.52 | 30.82 | 82.47 | 94.49 | 68.20 | 26.29 | peak |
| 3 | 5352.809 | 10.46 | 32.80 | 30.76 | 47.51 | 60.01 | 74.00 | -13.99 | peak |

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11ax_80M_Partial_RU484_TX_CH_42_Horizontal

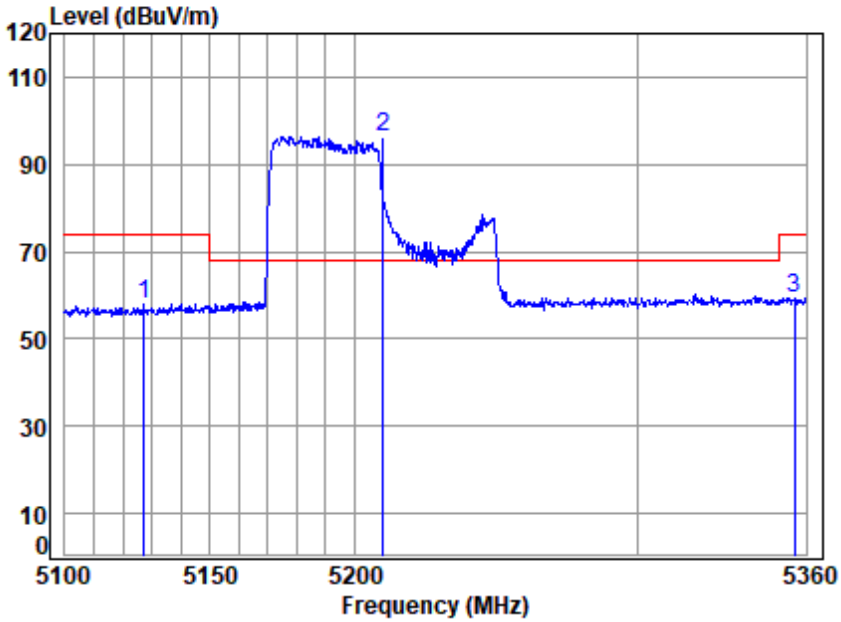



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5210 Band edge
: 5G Wi-Fi 11AX80 RU484

| | 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 | 5145.339 | 10.12 | 32.39 | 30.84 | 34.09 | 45.76 | 54.00 | -8.24 | Average |
| 2 | 5210.000 | 10.32 | 32.52 | 30.82 | 70.60 | 82.62 | ------ | ------ | Average |
| 3 pp | 5354.672 | 10.47 | 32.80 | 30.76 | 35.41 | 47.92 | 54.00 | -6.08 | Average |

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11ax_80M_Partial_RU484_TX_CH_42_Vertical

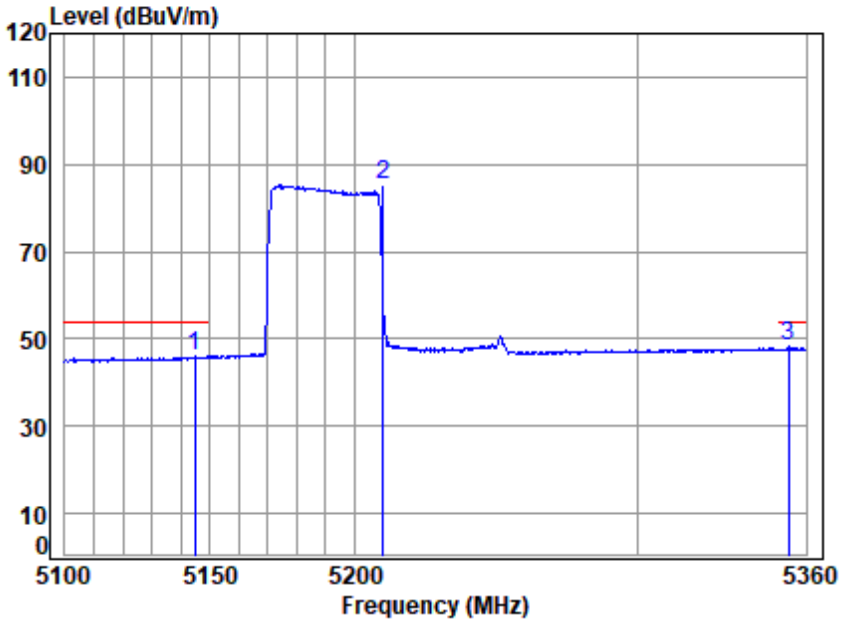



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5210 Band edge
: 5G Wi-Fi 11AX80 RU484

| | 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 | 5127.207 | 10.05 | 32.35 | 30.85 | 46.25 | 57.80 | 74.00 | -16.20 | peak |
| 2 pp | 5210.000 | 10.32 | 32.52 | 30.82 | 84.48 | 96.50 | 68.20 | 28.30 | peak |
| 3 | 5356.004 | 10.47 | 32.80 | 30.76 | 46.98 | 59.49 | 74.00 | -14.51 | peak |

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11ax_80M_Partial_RU484_TX_CH_42_Vertical

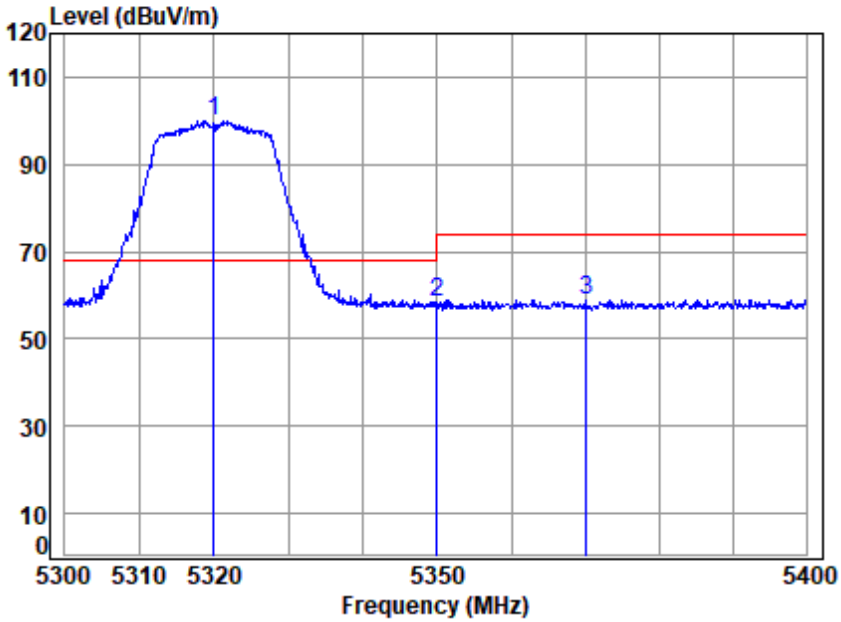



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5210 Band edge
: 5G Wi-Fi 11AX80 RU484

| | 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 | 5144.572 | 10.12 | 32.39 | 30.84 | 34.30 | 45.97 | 54.00 | -8.03 | Average |
| 2 | 5210.000 | 10.32 | 32.52 | 30.82 | 73.25 | 85.27 | ------ | ------ | Average |
| 3 pp | 5353.874 | 10.46 | 32.80 | 30.76 | 35.68 | 48.18 | 54.00 | -5.82 | Average |

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11a_TX_CH_64_Horizontal

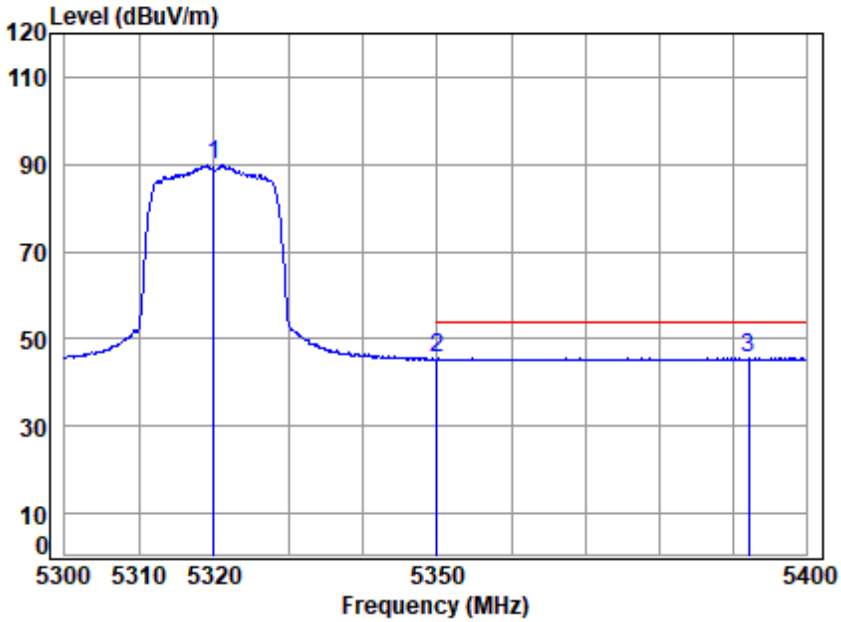



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11A

| | 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 pp | 5320.000 | 10.35 | 32.74 | 30.77 | 87.50 | 99.82 | 68.20 | 31.62 | peak |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 45.91 | 58.40 | 74.00 | -15.60 | peak |
| 3 | 5370.104 | 10.52 | 32.80 | 30.75 | 46.50 | 59.07 | 74.00 | -14.93 | peak |

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11a_TX_CH_64_Horizontal

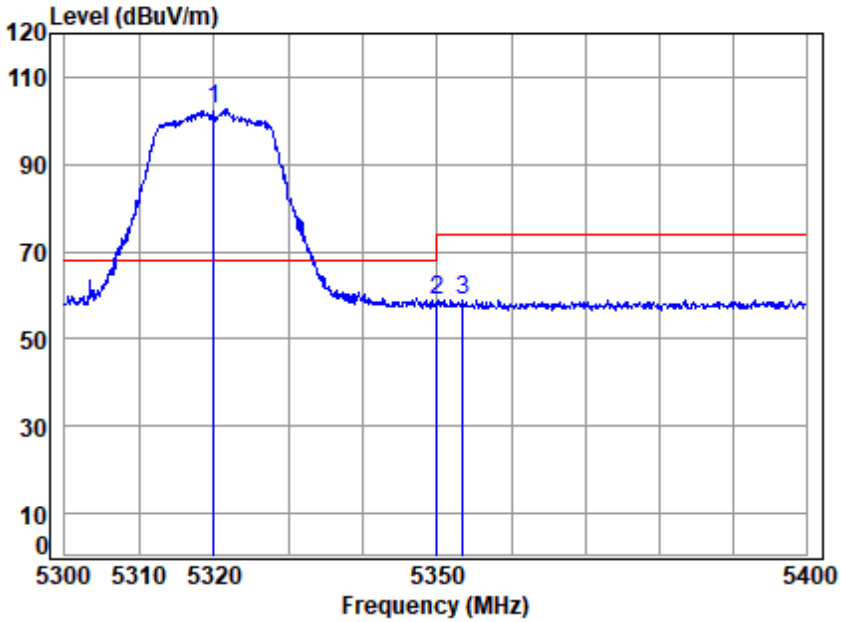



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11A

| | 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 | 5320.000 | 10.35 | 32.74 | 30.77 | 77.46 | 89.78 | ------ | ------ | Average |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 33.06 | 45.55 | 54.00 | -8.45 | Average |
| 3 pp | 5392.233 | 10.59 | 32.80 | 30.74 | 32.99 | 45.64 | 54.00 | -8.36 | Average |

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11a_TX_CH_64_Vertical

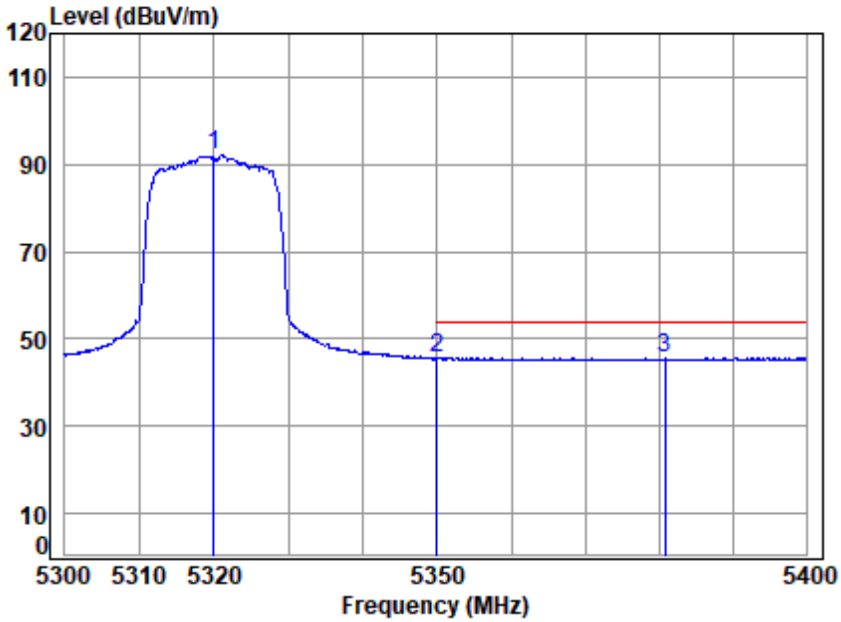



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11A

| | 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 pp | 5320.000 | 10.35 | 32.74 | 30.77 | 90.16 | 102.48 | 68.20 | 34.28 | peak |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 46.28 | 58.77 | 74.00 | -15.23 | peak |
| 3 | 5353.468 | 10.46 | 32.80 | 30.76 | 46.58 | 59.08 | 74.00 | -14.92 | peak |

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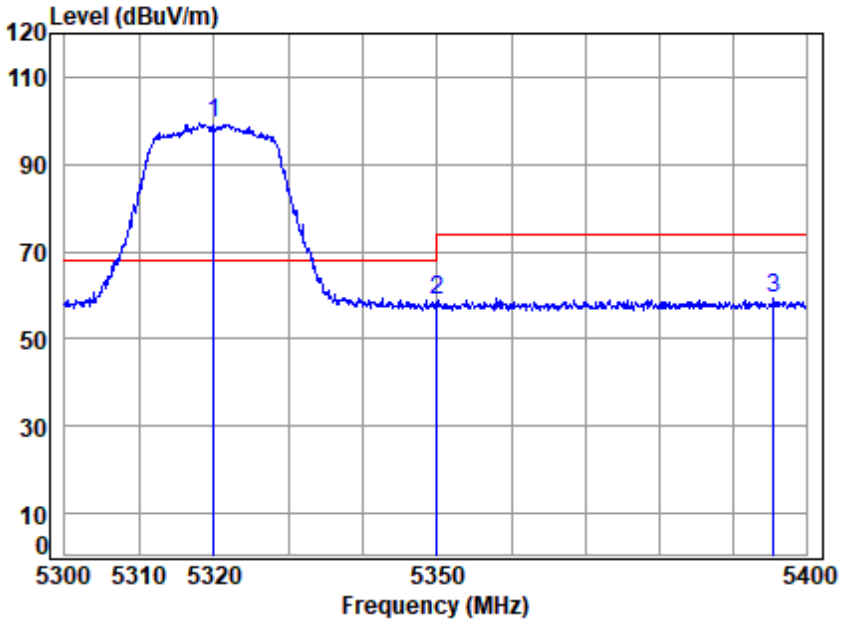



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11A

| | 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 | 5320.000 | 10.35 | 32.74 | 30.77 | 79.90 | 92.22 | ------ | ------ | Average |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 33.04 | 45.53 | 54.00 | -8.47 | Average |
| 3 pp | 5380.856 | 10.56 | 32.80 | 30.75 | 33.16 | 45.77 | 54.00 | -8.23 | Average |

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11ac_HT(20M)_TX_CH_64_Horizontal

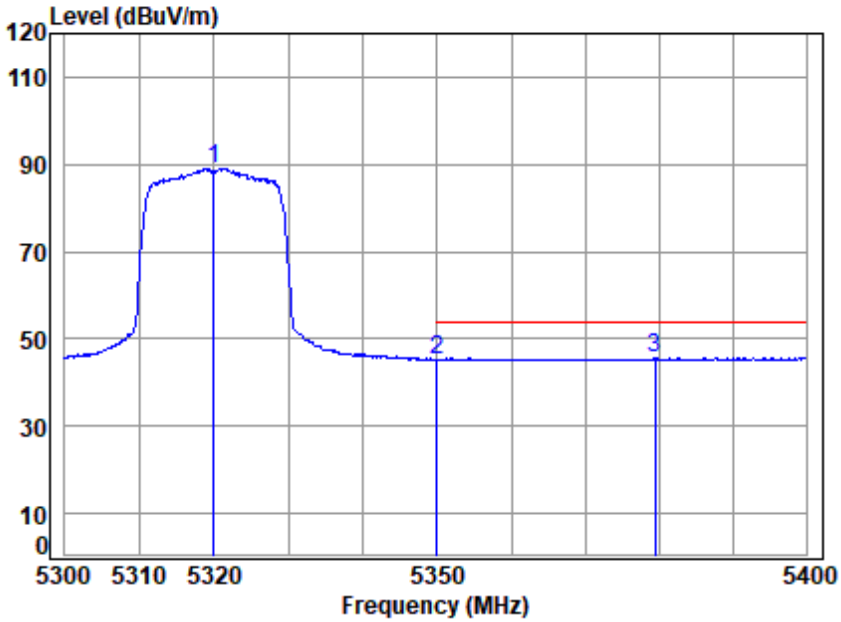



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11AC20

| | 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 pp | 5320.000 | 10.35 | 32.74 | 30.77 | 86.93 | 99.25 | 68.20 | 31.05 | peak |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 46.34 | 58.83 | 74.00 | -15.17 | peak |
| 3 | 5395.561 | 10.61 | 32.80 | 30.74 | 46.52 | 59.19 | 74.00 | -14.81 | peak |

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11ac_HT(20M)_TX_CH_64_Horizontal

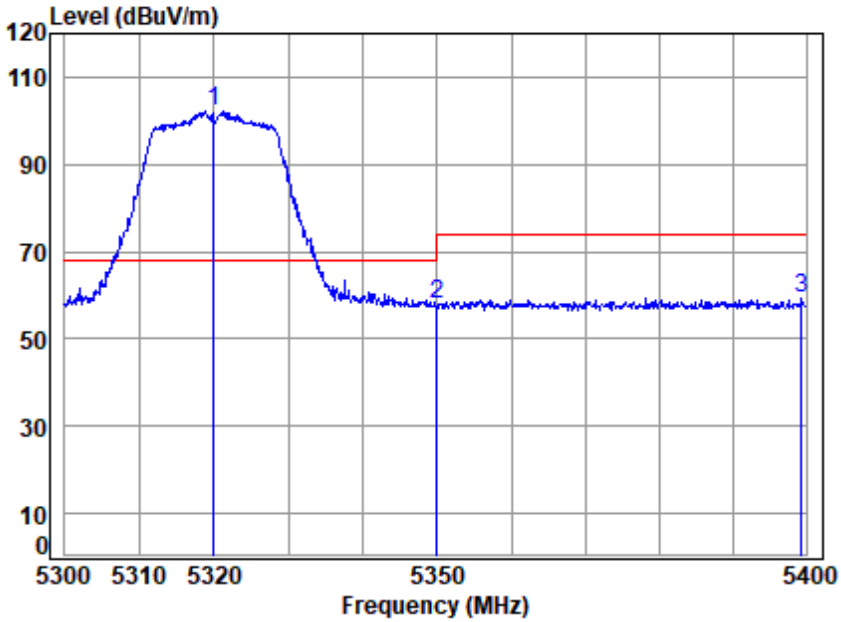



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11AC20

| | 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 | 5320.000 | 10.35 | 32.74 | 30.77 | 76.84 | 89.16 | ------ | ------ | Average |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 32.87 | 45.36 | 54.00 | -8.64 | Average |
| 3 pp | 5379.448 | 10.55 | 32.80 | 30.75 | 33.09 | 45.69 | 54.00 | -8.31 | Average |

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11ac_HT(20M)_TX_CH_64_Vertical

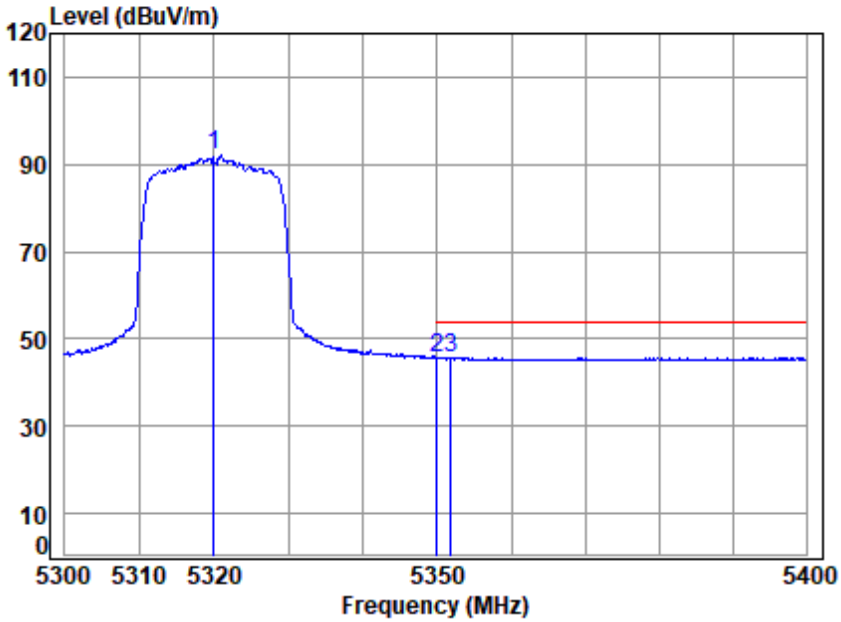



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11AC20

| | 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 pp | 5320.000 | 10.35 | 32.74 | 30.77 | 89.76 | 102.08 | 68.20 | 33.88 | peak |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 45.66 | 58.15 | 74.00 | -15.85 | peak |
| 3 | 5399.395 | 10.62 | 32.80 | 30.74 | 46.73 | 59.41 | 74.00 | -14.59 | peak |

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11ac_HT(20M)_TX_CH_64_Vertical

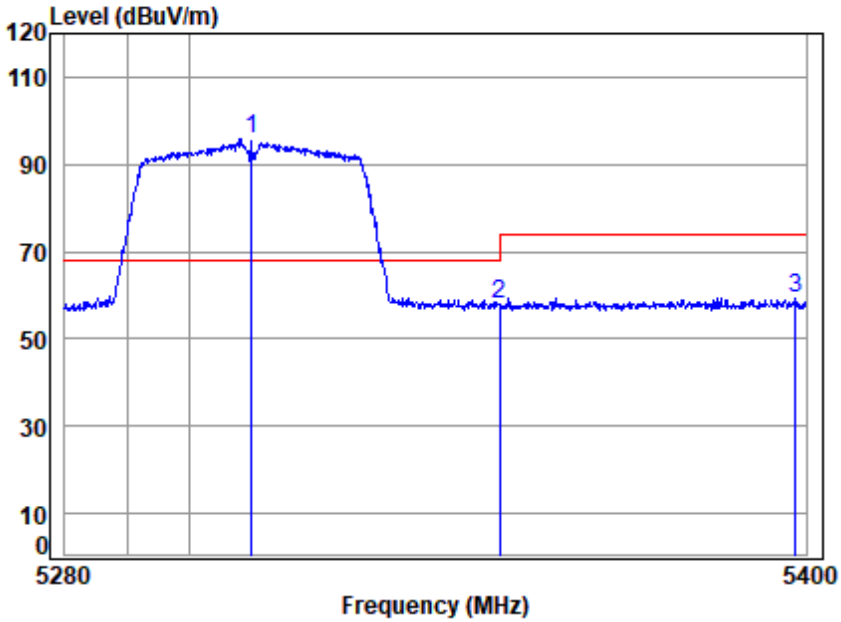



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11AC20

| | 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 | 5320.000 | 10.35 | 32.74 | 30.77 | 79.71 | 92.03 | ------ | ------ | Average |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 33.31 | 45.80 | 54.00 | -8.20 | Average |
| 3 pp | 5351.867 | 10.46 | 32.80 | 30.76 | 33.33 | 45.83 | 54.00 | -8.17 | Average |

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11ac_HT(40M)_TX_CH_62_Horizontal

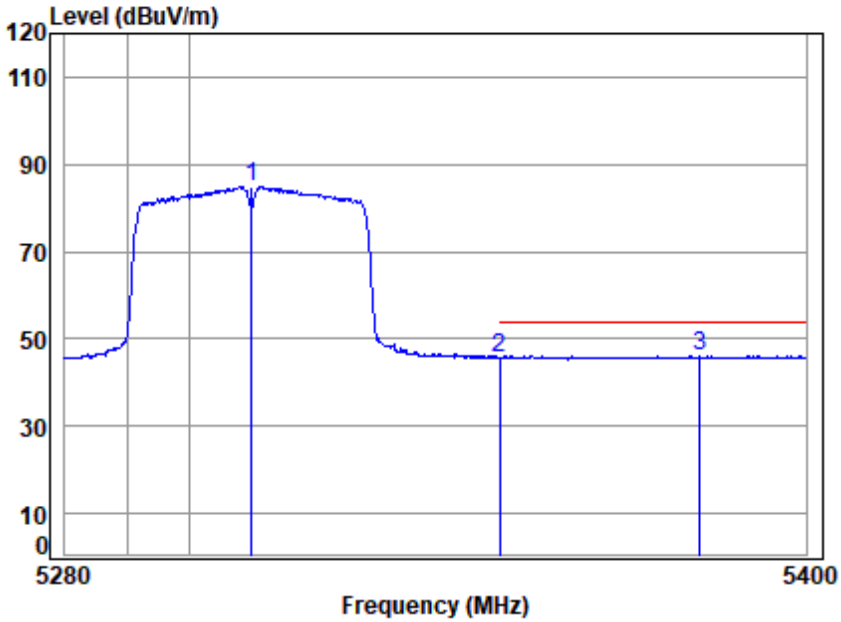



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5310 Band edge
: 5G Wi-Fi 11AC40

| | 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 pp | 5310.000 | 10.31 | 32.72 | 30.78 | 83.54 | 95.79 | 68.20 | 27.59 | peak |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 45.59 | 58.08 | 74.00 | -15.92 | peak |
| 3 | 5398.301 | 10.61 | 32.80 | 30.74 | 46.78 | 59.45 | 74.00 | -14.55 | peak |

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11ac_HT(40M)_TX_CH_62_Horizontal

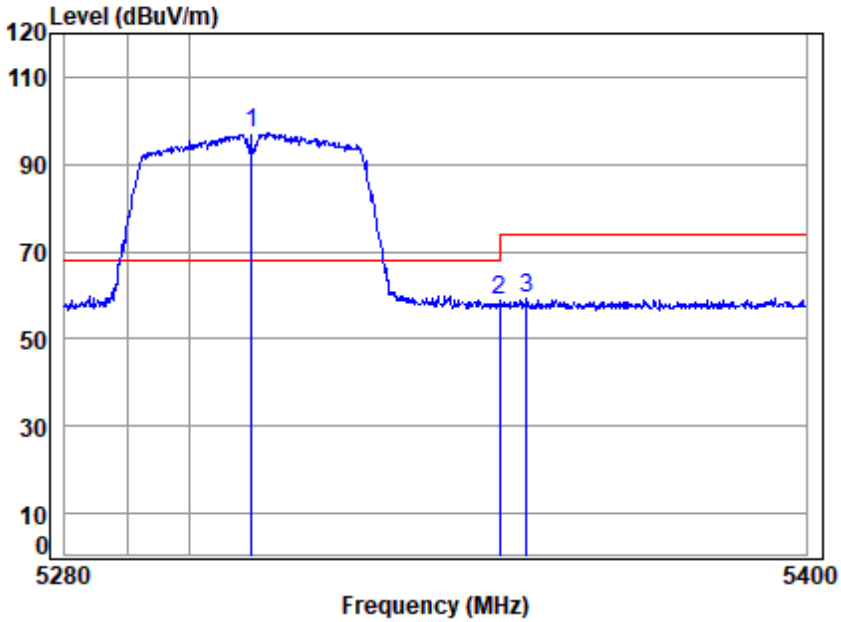



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5310 Band edge
: 5G Wi-Fi 11AC40

| | 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 | 5310.000 | 10.31 | 32.72 | 30.78 | 72.66 | 84.91 | ------ | ------ | Average |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 33.36 | 45.85 | 54.00 | -8.15 | Average |
| 3 pp | 5382.674 | 10.56 | 32.80 | 30.75 | 33.41 | 46.02 | 54.00 | -7.98 | Average |

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11ac_HT(40M)_TX_CH_62_Vertical

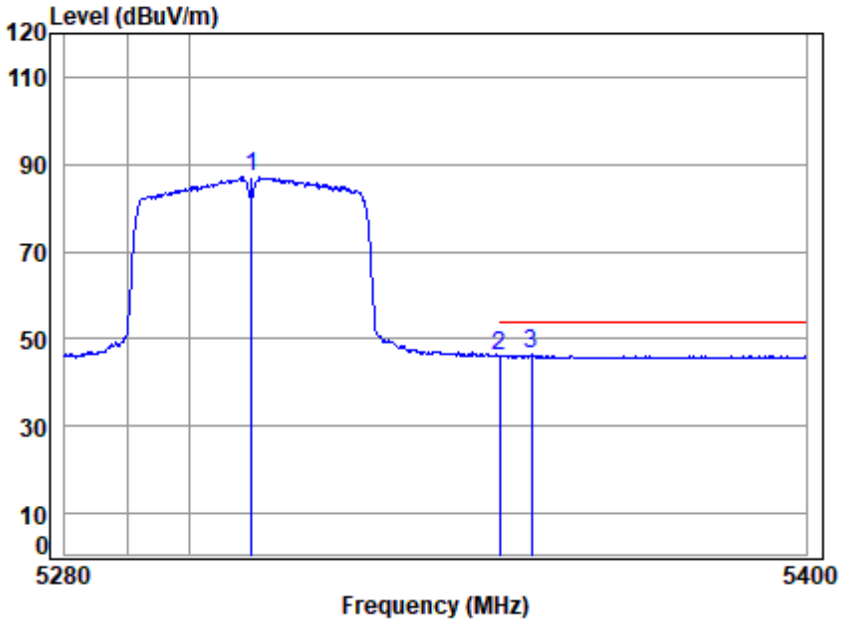



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5310 Band edge
: 5G Wi-Fi 11AC40

| | 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 pp | 5310.000 | 10.31 | 32.72 | 30.78 | 84.88 | 97.13 | 68.20 | 28.93 | peak |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 46.15 | 58.64 | 74.00 | -15.36 | peak |
| 3 | 5354.443 | 10.47 | 32.80 | 30.76 | 46.75 | 59.26 | 74.00 | -14.74 | peak |

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11ac_HT(40M)_TX_CH_62_Vertical

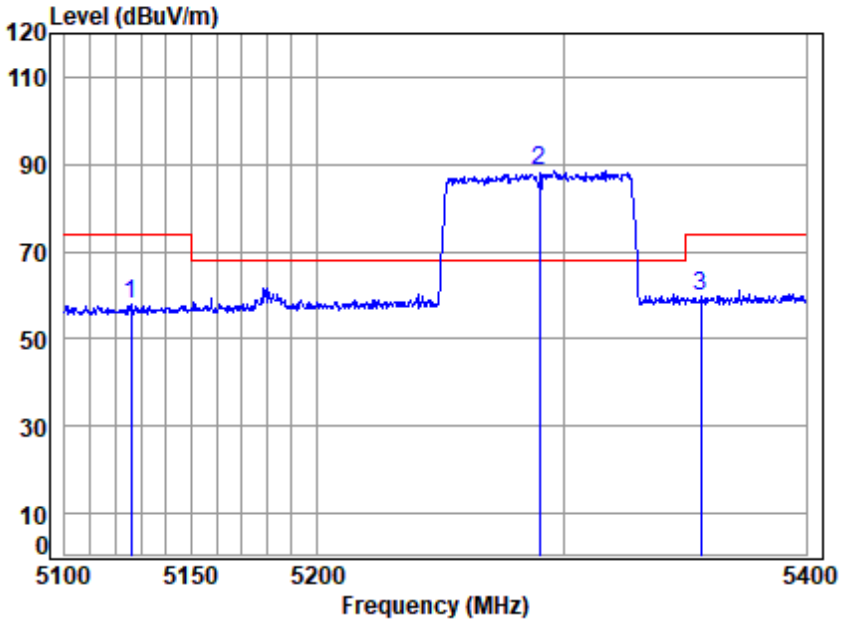



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5310 Band edge
: 5G Wi-Fi 11AC40

| | 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 | 5310.000 | 10.31 | 32.72 | 30.78 | 74.81 | 87.06 | ------ | ------ | Average |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 33.63 | 46.12 | 54.00 | -7.88 | Average |
| 3 pp | 5355.165 | 10.47 | 32.80 | 30.76 | 33.85 | 46.36 | 54.00 | -7.64 | Average |

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11ac_VHT(80M)_TX_CH_58_Horizontal

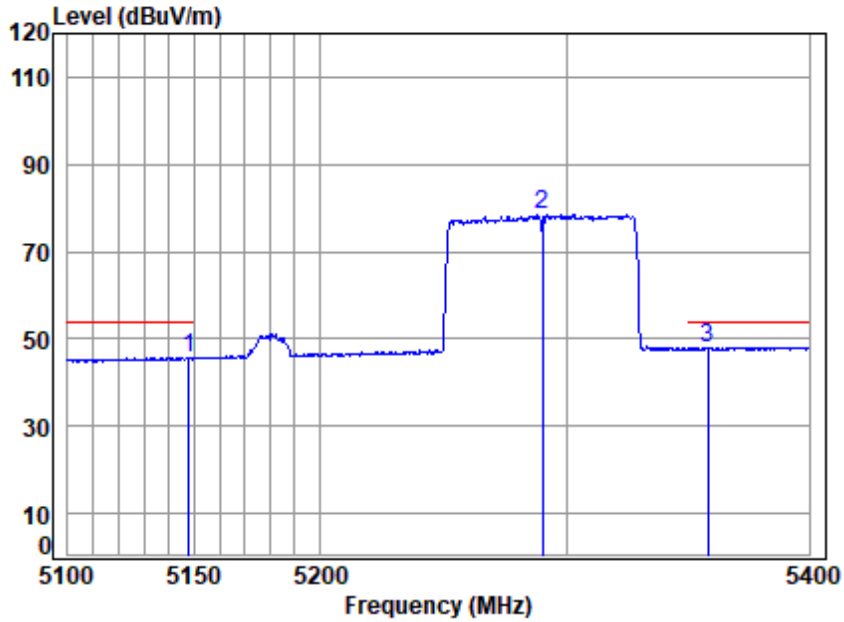



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5290 Band edge
: 5G Wi-Fi 11AC80

| | 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 | 5126.010 | 10.05 | 32.35 | 30.85 | 46.43 | 57.98 | 74.00 | -16.02 | peak |
| 2 pp | 5290.000 | 10.28 | 32.68 | 30.78 | 76.34 | 88.52 | 68.20 | 20.32 | peak |
| 3 | 5356.348 | 10.47 | 32.80 | 30.76 | 47.33 | 59.84 | 74.00 | -14.16 | peak |

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11ac_VHT(80M)_TX_CH_58_Horizontal

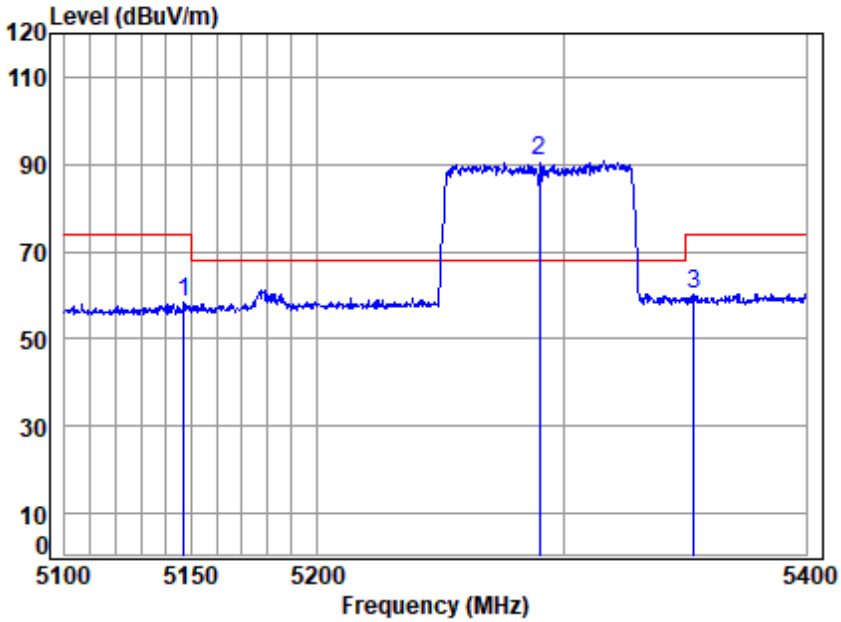



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5290 Band edge
: 5G Wi-Fi 11AC80

| | 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 | 5147.738 | 10.13 | 32.40 | 30.84 | 34.02 | 45.71 | 54.00 | -8.29 | Average |
| 2 | 5290.000 | 10.28 | 32.68 | 30.78 | 66.38 | 78.56 | ------ | ------ | Average |
| 3 pp | 5357.879 | 10.48 | 32.80 | 30.76 | 35.53 | 48.05 | 54.00 | -5.95 | Average |

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11ac_VHT(80M)_TX_CH_58_Vertical

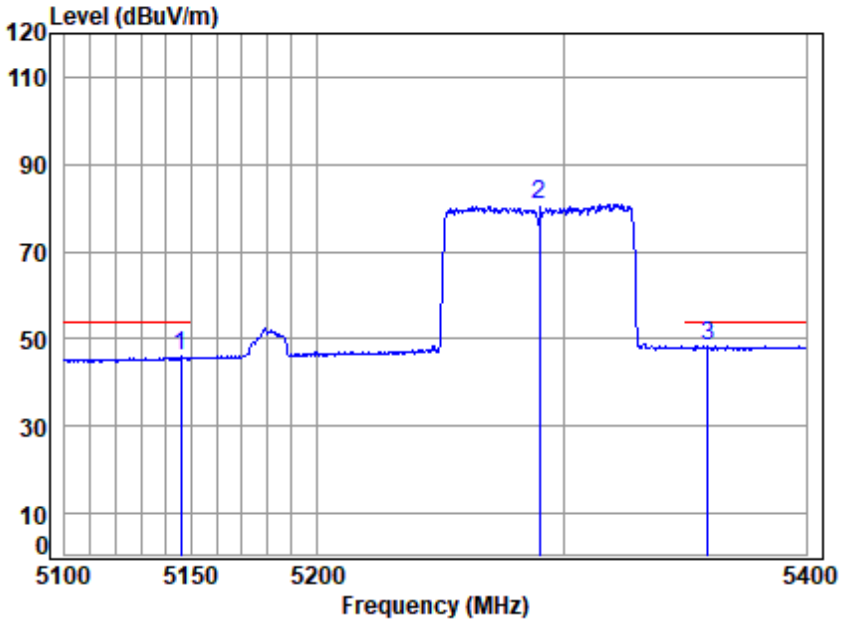



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5290 Band edge
: 5G Wi-Fi 11AC80

| | 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 | 5147.149 | 10.13 | 32.39 | 30.84 | 46.51 | 58.19 | 74.00 | -15.81 | peak |
| 2 pp | 5290.000 | 10.28 | 32.68 | 30.78 | 78.75 | 90.93 | 68.20 | 22.73 | peak |
| 3 | 5353.594 | 10.46 | 32.80 | 30.76 | 47.53 | 60.03 | 74.00 | -13.97 | peak |

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11ac_VHT(80M)_TX_CH_58_Vorizontal

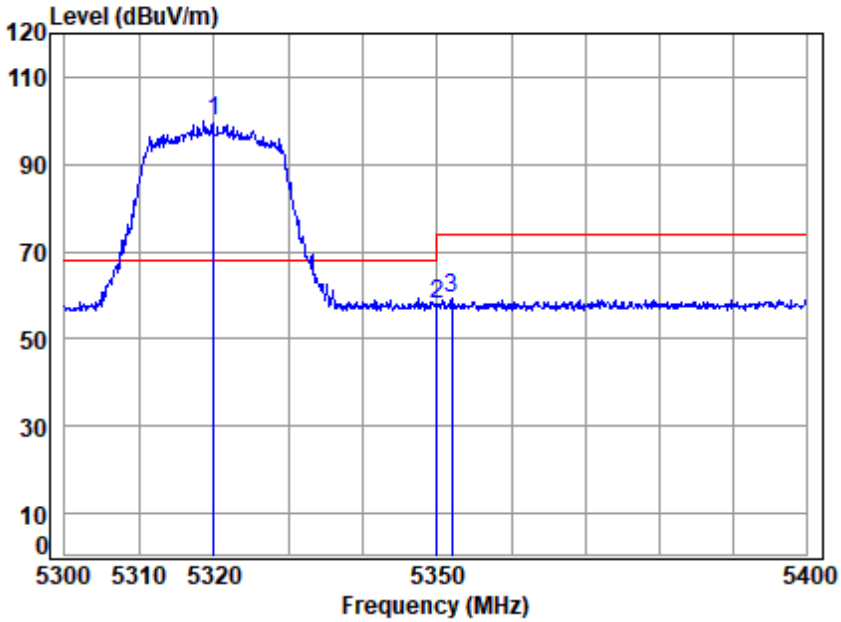



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5290 Band edge
: 5G Wi-Fi 11AC80

| | 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 | 5145.973 | 10.13 | 32.39 | 30.84 | 34.18 | 45.86 | 54.00 | -8.14 | Average |
| 2 | 5290.000 | 10.28 | 32.68 | 30.78 | 68.61 | 80.79 | ------ | ------ | Average |
| 3 pp | 5359.411 | 10.48 | 32.80 | 30.76 | 35.77 | 48.29 | 54.00 | -5.71 | Average |

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11ax_20M_TX_CH_64_Horizontal

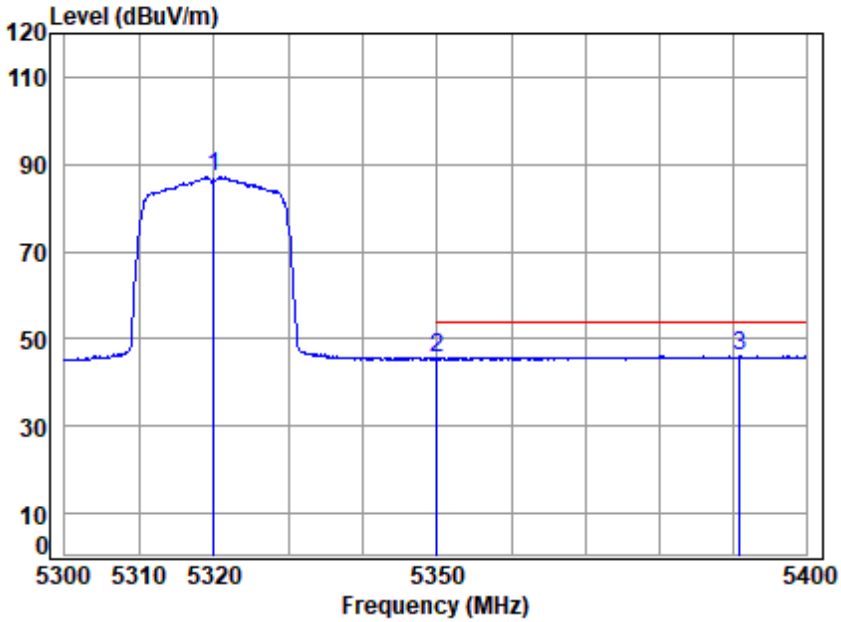



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20

| | 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 pp | 5320.000 | 10.35 | 32.74 | 30.77 | 87.48 | 99.80 | 68.20 | 31.60 | peak |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 45.66 | 58.15 | 74.00 | -15.85 | peak |
| 3 | 5351.967 | 10.46 | 32.80 | 30.76 | 46.68 | 59.18 | 74.00 | -14.82 | peak |

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11ax_20M_TX_CH_64_Horizontal

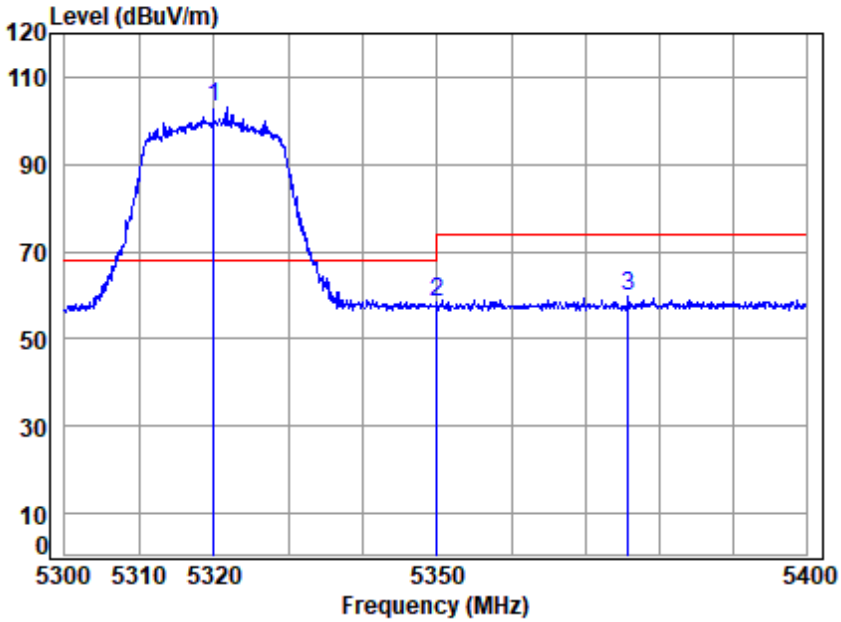



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20

| | 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 | 5320.000 | 10.35 | 32.74 | 30.77 | 74.77 | 87.09 | ------ | ------ | Average |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 32.94 | 45.43 | 54.00 | -8.57 | Average |
| 3 pp | 5391.024 | 10.59 | 32.80 | 30.74 | 33.44 | 46.09 | 54.00 | -7.91 | Average |

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11ax_20M_TX_CH_64_Vertical

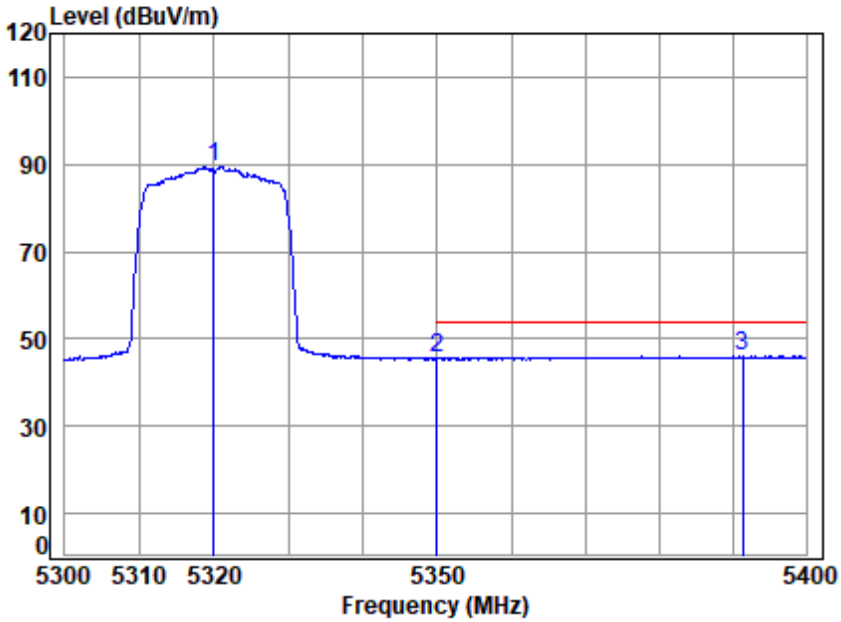



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20

| | 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 pp | 5320.000 | 10.35 | 32.74 | 30.77 | 90.84 | 103.16 | 68.20 | 34.96 | peak |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 45.72 | 58.21 | 74.00 | -15.79 | peak |
| 3 | 5375.829 | 10.54 | 32.80 | 30.75 | 47.02 | 59.61 | 74.00 | -14.39 | peak |

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11ax_20M_TX_CH_64_Vertical

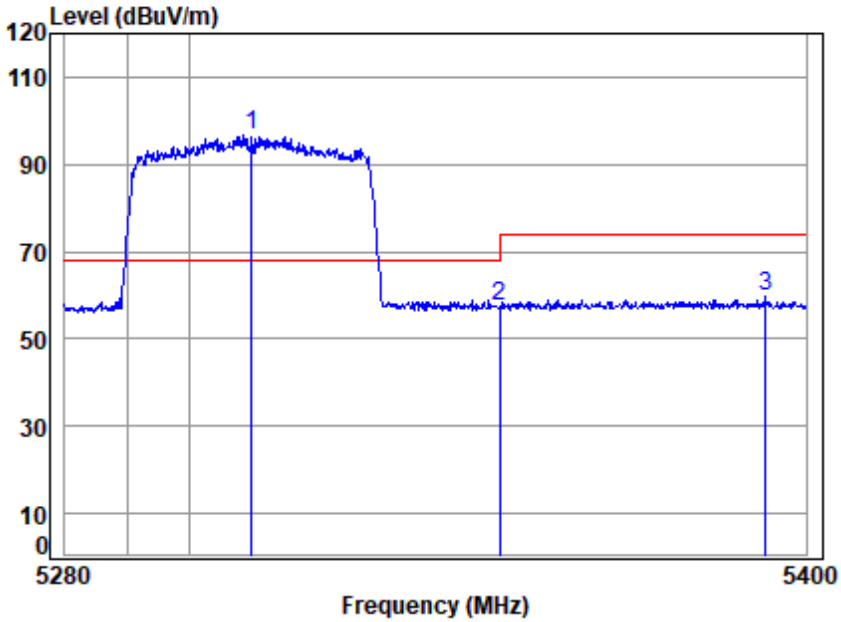



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20

| | 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 | 5320.000 | 10.35 | 32.74 | 30.77 | 77.25 | 89.57 | ------ | ------ | Average |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 33.07 | 45.56 | 54.00 | -8.44 | Average |
| 3 pp | 5391.427 | 10.59 | 32.80 | 30.74 | 33.29 | 45.94 | 54.00 | -8.06 | Average |

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11ax_40M_TX_CH_62_Horizontal

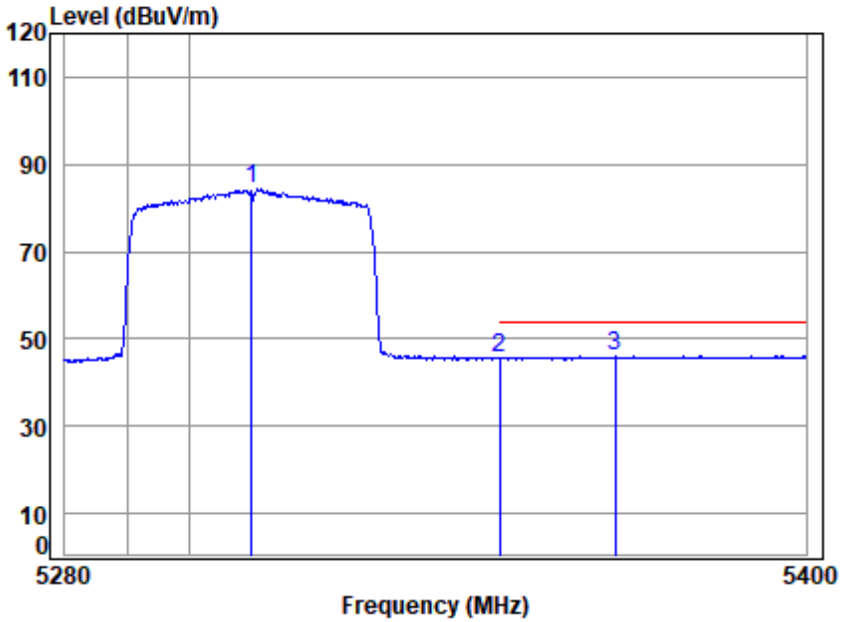



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5310 Band edge
: 5G Wi-Fi 11AX40

| | 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 pp | 5310.000 | 10.31 | 32.72 | 30.78 | 84.29 | 96.54 | 68.20 | 28.34 | peak |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 45.12 | 57.61 | 74.00 | -16.39 | peak |
| 3 | 5393.330 | 10.60 | 32.80 | 30.74 | 46.99 | 59.65 | 74.00 | -14.35 | peak |

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11ax_40M_TX_CH_62_Horizontal

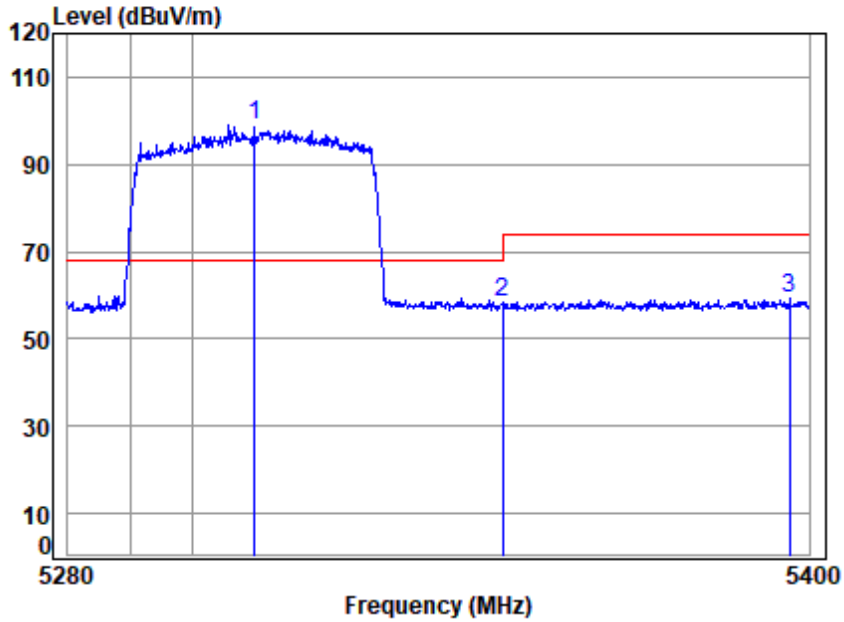



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5310 Band edge
: 5G Wi-Fi 11AX40

| | 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 | 5310.000 | 10.31 | 32.72 | 30.78 | 71.99 | 84.24 | ------ | ------ | Average |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 33.35 | 45.84 | 54.00 | -8.16 | Average |
| 3 pp | 5368.781 | 10.51 | 32.80 | 30.75 | 33.52 | 46.08 | 54.00 | -7.92 | Average |

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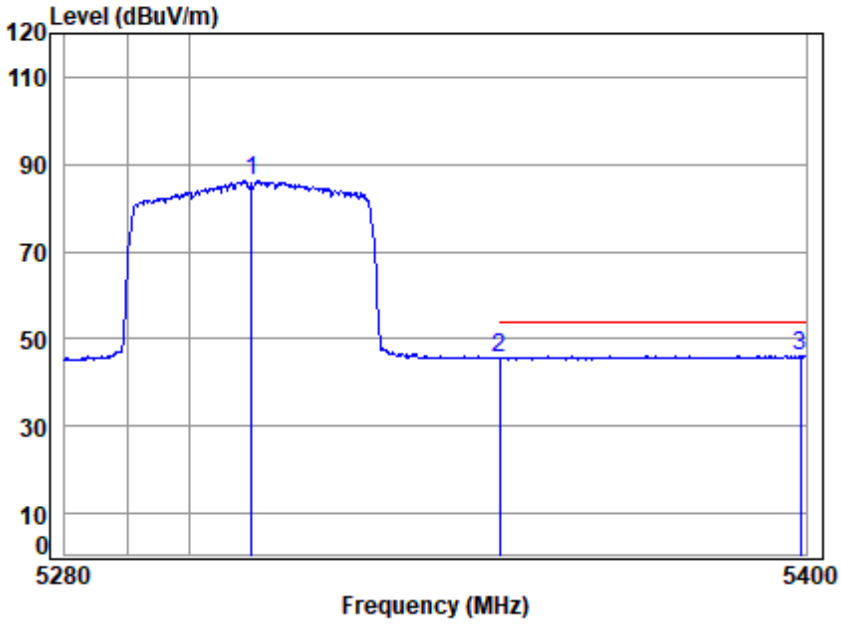



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5310 Band edge
: 5G Wi-Fi 11AX40

| | 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 pp | 5310.000 | 10.31 | 32.72 | 30.78 | 86.89 | 99.14 | 68.20 | 30.94 | peak |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 46.05 | 58.54 | 74.00 | -15.46 | peak |
| 3 | 5396.725 | 10.61 | 32.80 | 30.74 | 46.58 | 59.25 | 74.00 | -14.75 | peak |

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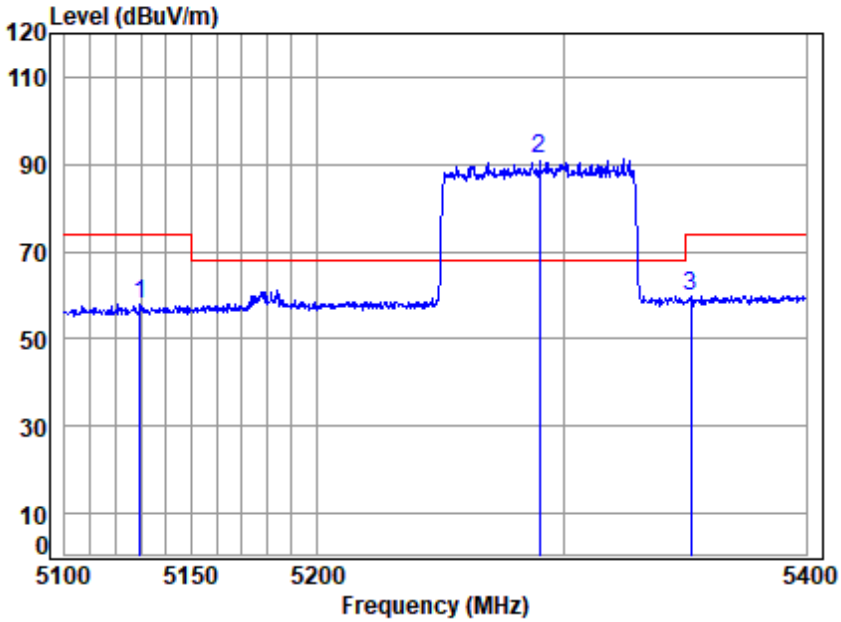



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5310 Band edge
: 5G Wi-Fi 11AX40

| | 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 | 5310.000 | 10.31 | 32.72 | 30.78 | 74.17 | 86.42 | ------ | ------ | Average |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 33.20 | 45.69 | 54.00 | -8.31 | Average |
| 3 pp | 5399.150 | 10.62 | 32.80 | 30.74 | 33.37 | 46.05 | 54.00 | -7.95 | Average |

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11ax_80M_TX_CH_58_Horizontal

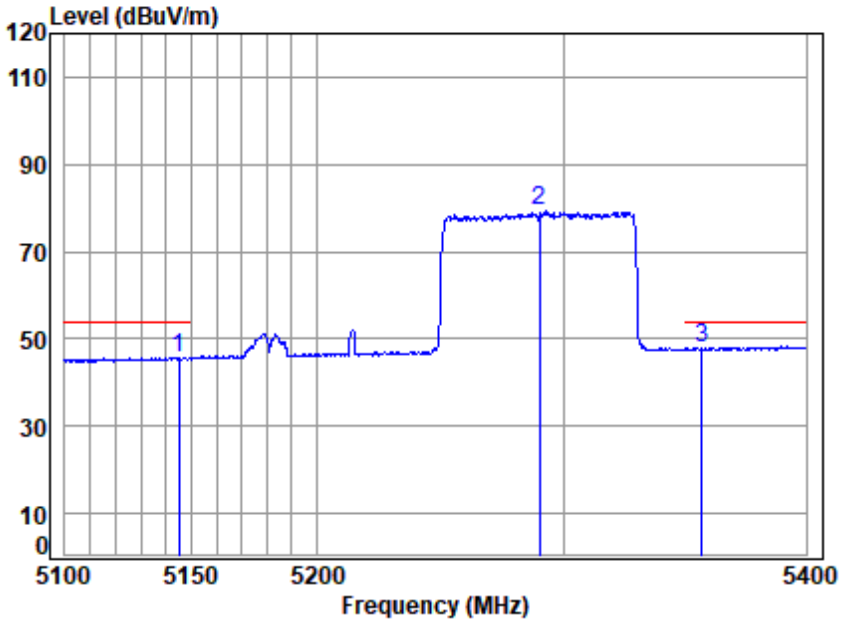



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5290 Band edge
: 5G Wi-Fi 11AX80

| | 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 | 5129.527 | 10.06 | 32.36 | 30.85 | 46.33 | 57.90 | 74.00 | -16.10 | peak |
| 2 pp | 5290.000 | 10.28 | 32.68 | 30.78 | 78.93 | 91.11 | 68.20 | 22.91 | peak |
| 3 | 5352.064 | 10.46 | 32.80 | 30.76 | 47.33 | 59.83 | 74.00 | -14.17 | peak |

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11ax_80M_TX_CH_58_Horizontal

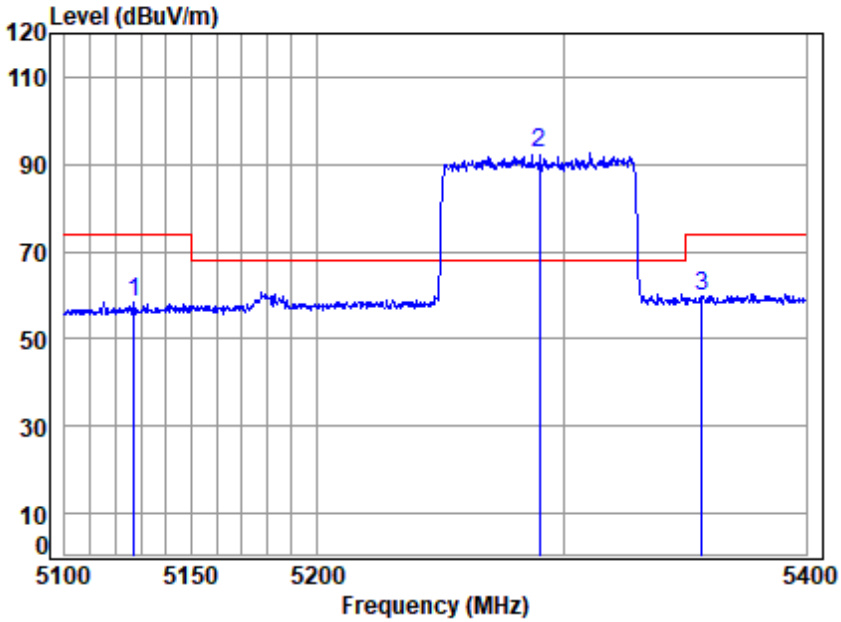



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5290 Band edge
: 5G Wi-Fi 11AX80

| | 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 | 5145.090 | 10.12 | 32.39 | 30.84 | 34.00 | 45.67 | 54.00 | -8.33 | Average |
| 2 | 5290.000 | 10.28 | 32.68 | 30.78 | 67.05 | 79.23 | ------ | ------ | Average |
| 3 pp | 5356.960 | 10.47 | 32.80 | 30.76 | 35.38 | 47.89 | 54.00 | -6.11 | Average |

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11ax_80M_TX_CH_58_Vertical

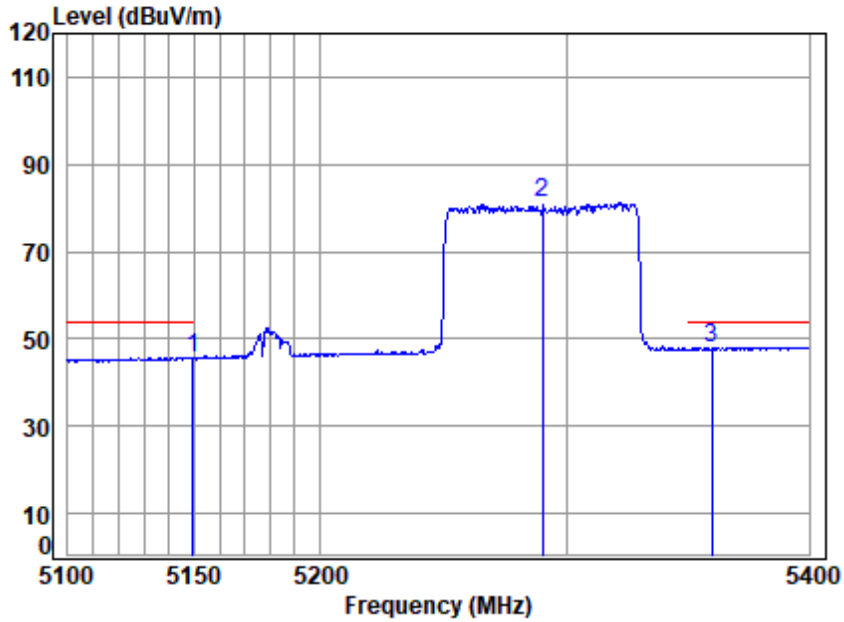



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5290 Band edge
: 5G Wi-Fi 11AX80

| | 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 | 5127.183 | 10.05 | 32.35 | 30.85 | 46.93 | 58.48 | 74.00 | -15.52 | peak |
| 2 pp | 5290.000 | 10.28 | 32.68 | 30.78 | 80.30 | 92.48 | 68.20 | 24.28 | peak |
| 3 | 5356.960 | 10.47 | 32.80 | 30.76 | 47.47 | 59.98 | 74.00 | -14.02 | peak |

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11ax_80M_TX_CH_58_Vertical

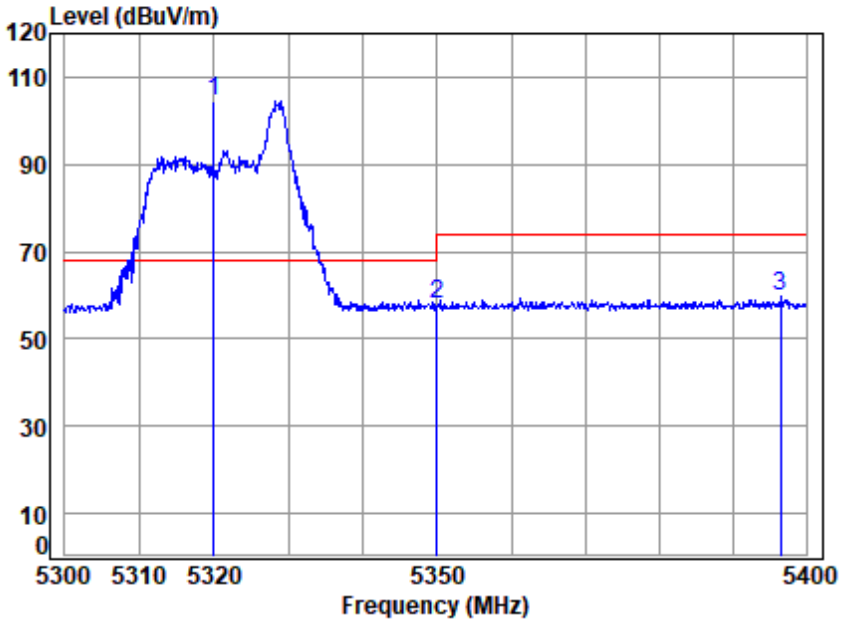



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5290 Band edge
: 5G Wi-Fi 11AX80

| | 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 | 5149.503 | 10.14 | 32.40 | 30.84 | 34.14 | 45.84 | 54.00 | -8.16 | Average |
| 2 | 5290.000 | 10.28 | 32.68 | 30.78 | 69.22 | 81.40 | ------ | ------ | Average |
| 3 pp | 5359.717 | 10.48 | 32.80 | 30.76 | 35.37 | 47.89 | 54.00 | -6.11 | Average |

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11ax_20M_Partial_RU26_TX_CH_64_Horizontal

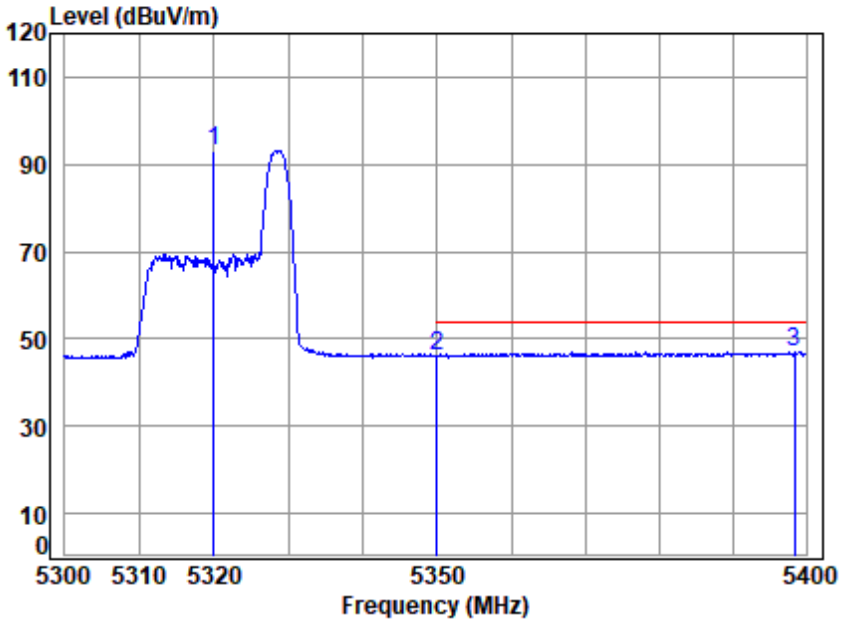



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU26

| | 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 pp | 5320.000 | 10.35 | 32.74 | 30.77 | 92.29 | 104.61 | 68.20 | 36.41 | peak |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 45.28 | 57.77 | 74.00 | -16.23 | peak |
| 3 | 5396.468 | 10.61 | 32.80 | 30.74 | 47.02 | 59.69 | 74.00 | -14.31 | peak |

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11ax_20M_Partial_RU26_TX_CH_64_Horizontal

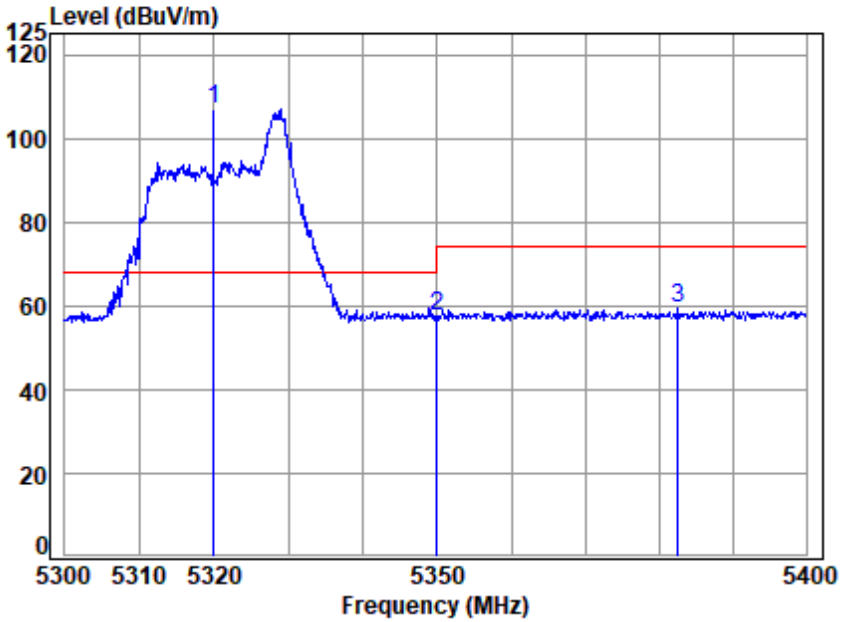



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU26

| | 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 | 5320.000 | 10.35 | 32.74 | 30.77 | 80.91 | 93.23 | ------ | ------ | Average |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 33.75 | 46.24 | 54.00 | -7.76 | Average |
| 3 pp | 5398.486 | 10.61 | 32.80 | 30.74 | 34.50 | 47.17 | 54.00 | -6.83 | Average |

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11ax_20M_Partial_RU26_TX_CH_64_Vertical

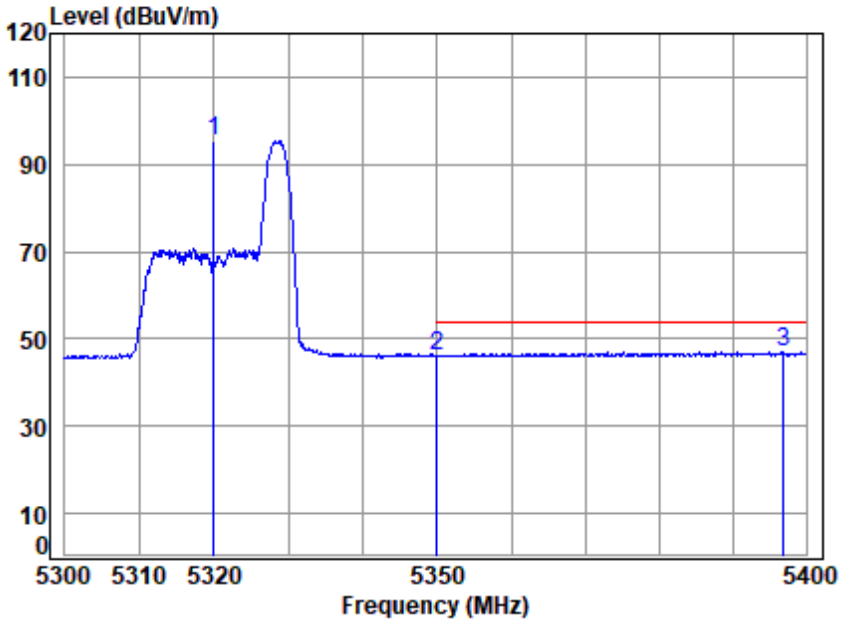



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU26

| | 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 pp | 5320.000 | 10.35 | 32.74 | 30.77 | 94.51 | 106.83 | 68.20 | 38.63 | peak |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 44.93 | 57.42 | 74.00 | -16.58 | peak |
| 3 | 5382.566 | 10.56 | 32.80 | 30.75 | 46.59 | 59.20 | 74.00 | -14.80 | peak |

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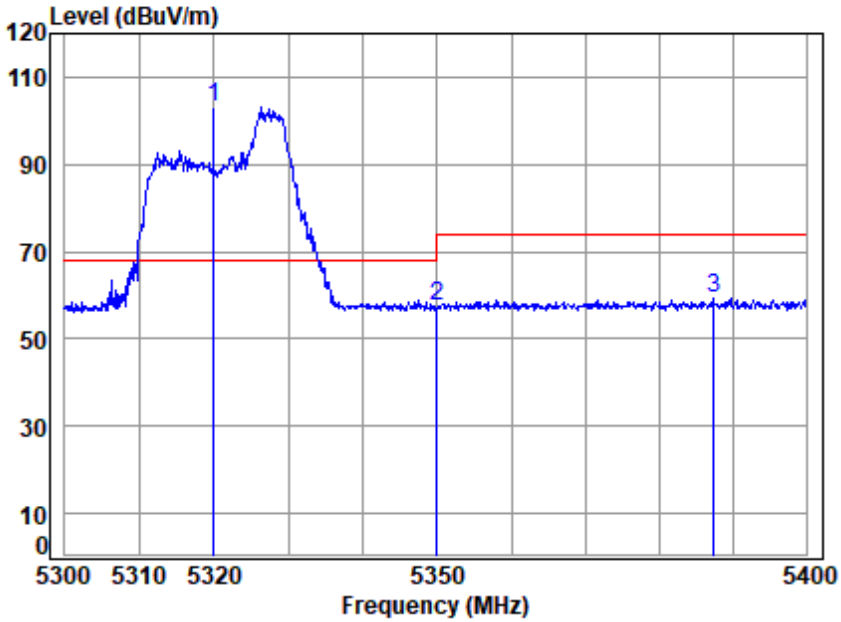



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU26

| | 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 | 5320.000 | 10.35 | 32.74 | 30.77 | 83.23 | 95.55 | ------ | ------ | Average |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 33.67 | 46.16 | 54.00 | -7.84 | Average |
| 3 pp | 5396.973 | 10.61 | 32.80 | 30.74 | 34.31 | 46.98 | 54.00 | -7.02 | Average |

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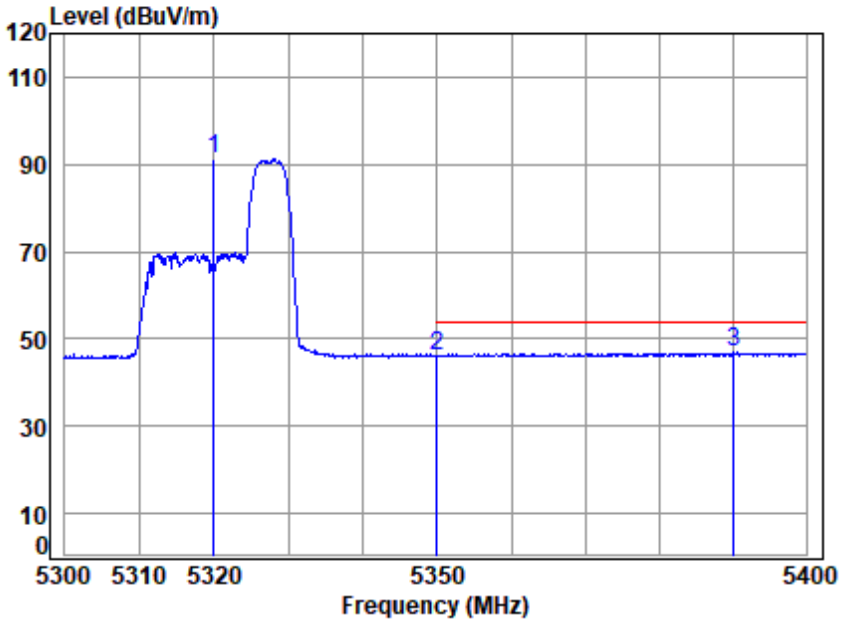



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU52

| | 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 pp | 5320.000 | 10.35 | 32.74 | 30.77 | 90.97 | 103.29 | 68.20 | 35.09 | peak |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 45.21 | 57.70 | 74.00 | -16.30 | peak |
| 3 | 5387.397 | 10.58 | 32.80 | 30.75 | 46.91 | 59.54 | 74.00 | -14.46 | peak |

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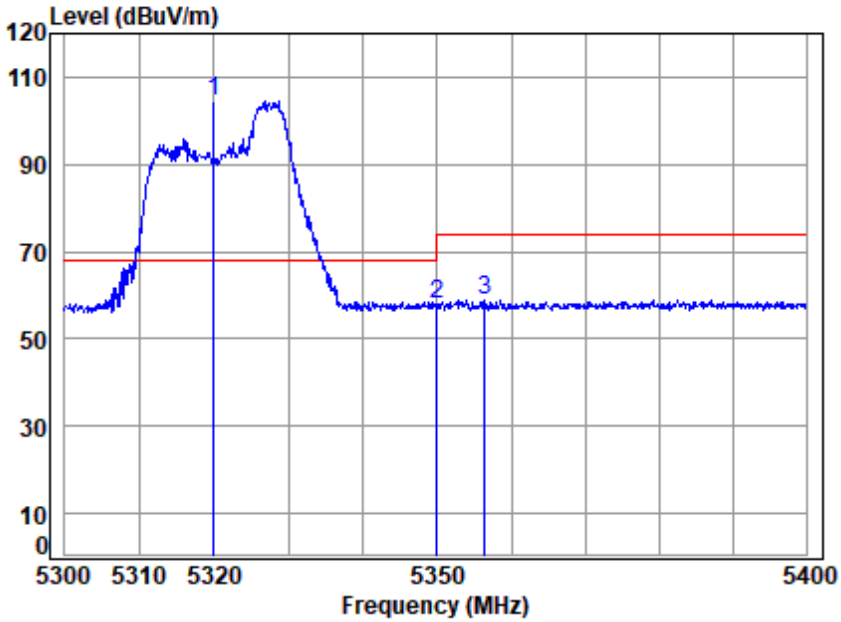



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU52

| | 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 | 5320.000 | 10.35 | 32.74 | 30.77 | 78.78 | 91.10 | ------ | ------ | Average |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 33.70 | 46.19 | 54.00 | -7.81 | Average |
| 3 pp | 5390.117 | 10.59 | 32.80 | 30.74 | 34.17 | 46.82 | 54.00 | -7.18 | Average |

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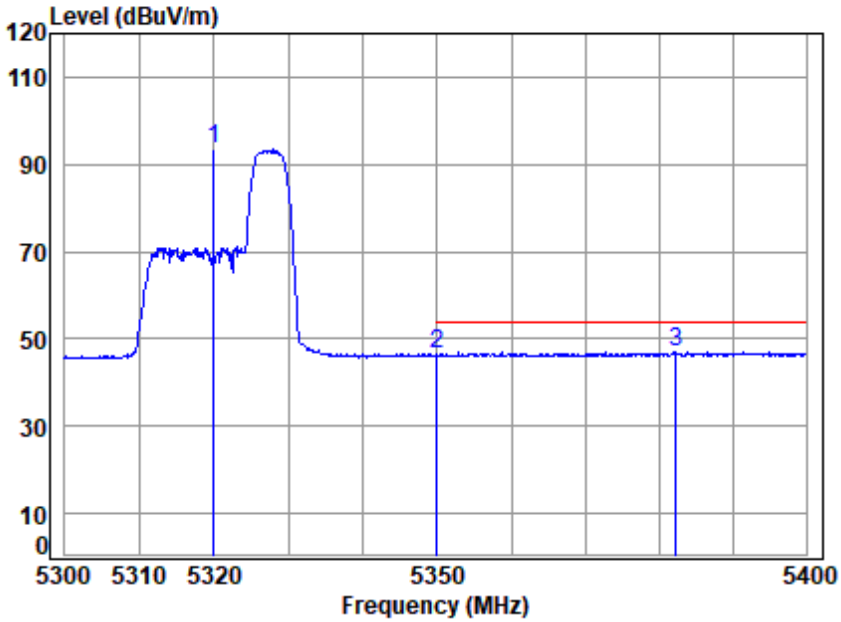



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU52

| | 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 pp | 5320.000 | 10.35 | 32.74 | 30.77 | 92.09 | 104.41 | 68.20 | 36.21 | peak |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 45.61 | 58.10 | 74.00 | -15.90 | peak |
| 3 | 5356.470 | 10.47 | 32.80 | 30.76 | 46.42 | 58.93 | 74.00 | -15.07 | peak |

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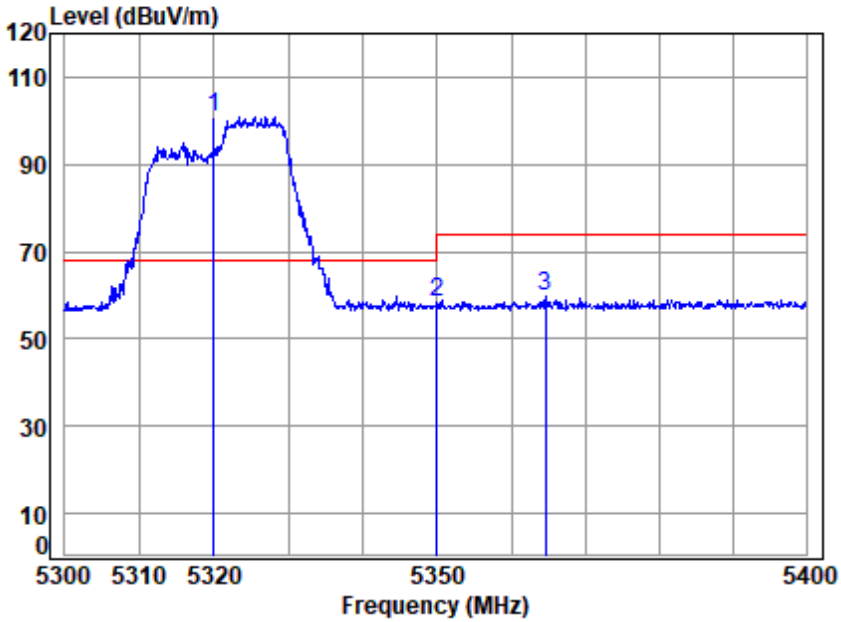



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU52

| | 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 | 5320.000 | 10.35 | 32.74 | 30.77 | 81.00 | 93.32 | ------ | ------ | Average |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 33.88 | 46.37 | 54.00 | -7.63 | Average |
| 3 pp | 5382.264 | 10.56 | 32.80 | 30.75 | 34.50 | 47.11 | 54.00 | -6.89 | Average |

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11ax_20M_Partial_RU106_TX_CH_64_Horizontal

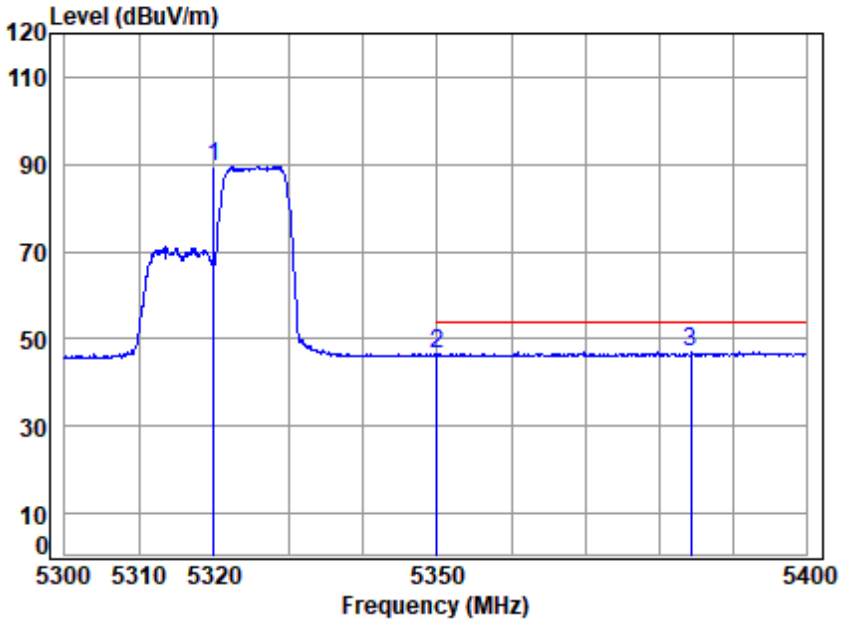



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU106

| | 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 pp | 5320.000 | 10.35 | 32.74 | 30.77 | 88.55 | 100.87 | 68.20 | 32.67 | peak |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 45.81 | 58.30 | 74.00 | -15.70 | peak |
| 3 | 5364.586 | 10.50 | 32.80 | 30.75 | 47.15 | 59.70 | 74.00 | -14.30 | peak |

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11ax_20M_Partial_RU106_TX_CH_64_Horizontal

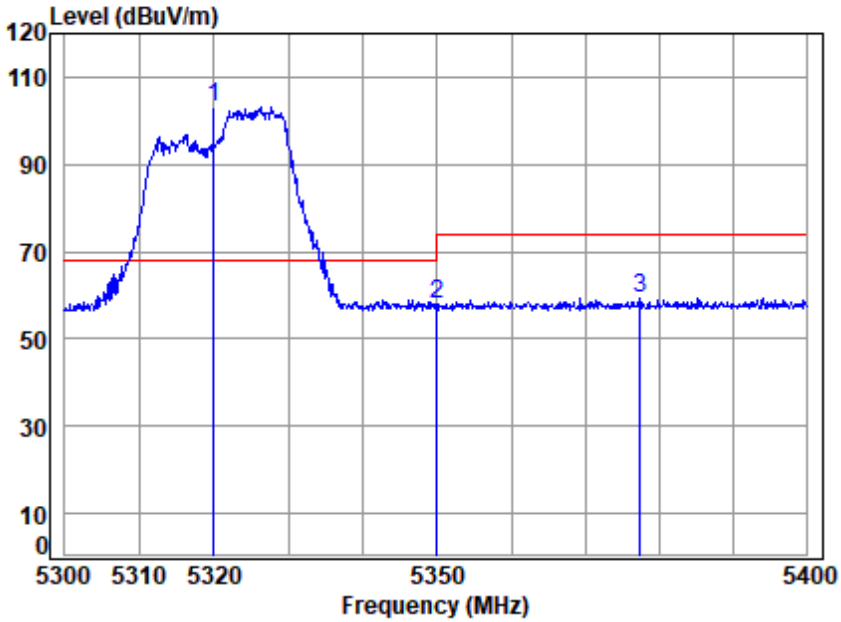



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU106

| | 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 | 5320.000 | 10.35 | 32.74 | 30.77 | 77.27 | 89.59 | ------ | ------ | Average |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 33.87 | 46.36 | 54.00 | -7.64 | Average |
| 3 pp | 5384.377 | 10.57 | 32.80 | 30.75 | 34.41 | 47.03 | 54.00 | -6.97 | Average |

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11ax_20M_Partial_RU106_TX_CH_64_Vertical

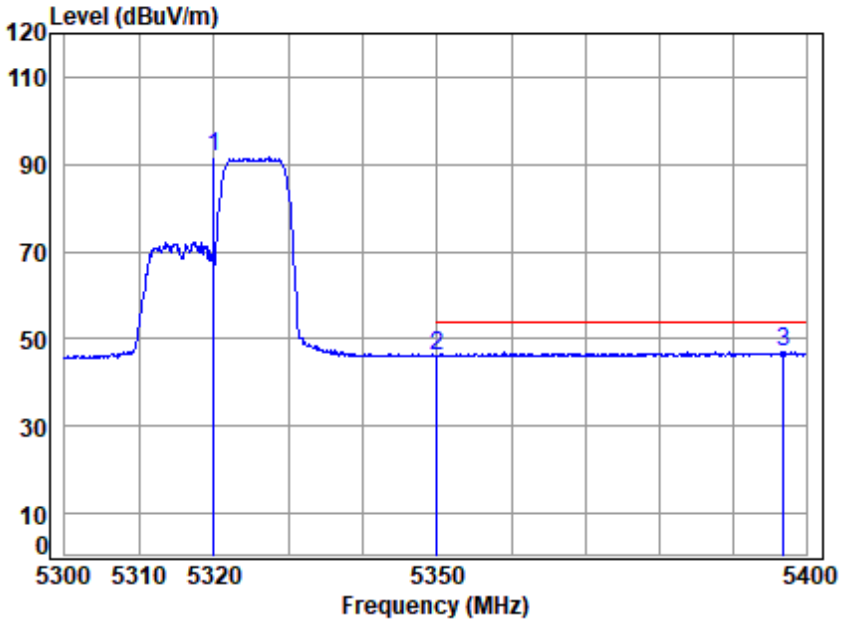



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU106

| | 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 pp | 5320.000 | 10.35 | 32.74 | 30.77 | 90.65 | 102.97 | 68.20 | 34.77 | peak |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 45.44 | 57.93 | 74.00 | -16.07 | peak |
| 3 | 5377.438 | 10.54 | 32.80 | 30.75 | 46.62 | 59.21 | 74.00 | -14.79 | peak |

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11ax_20M_Partial_RU106_TX_CH_64_Vertical

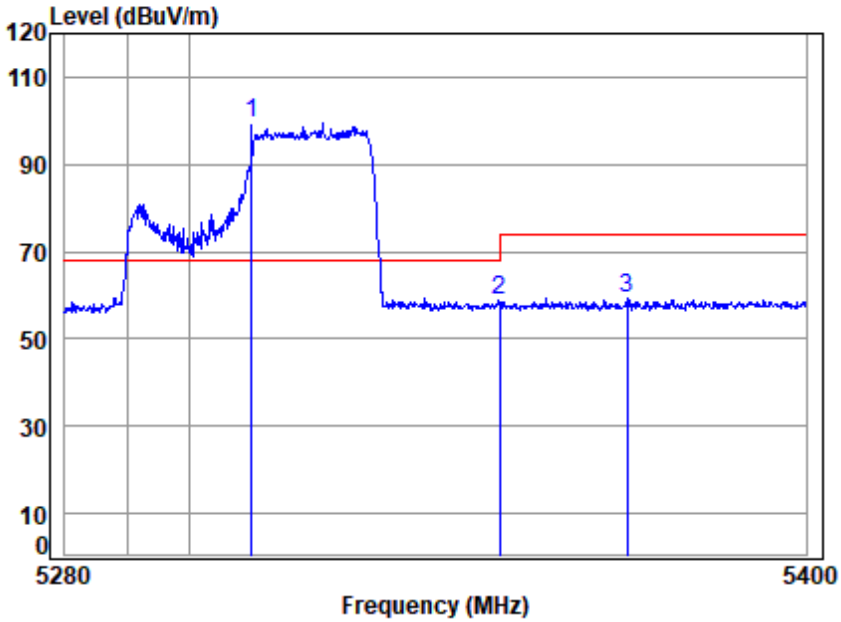



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5320 Band edge
: 5G Wi-Fi 11AX20 RU106

| | 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 | 5320.000 | 10.35 | 32.74 | 30.77 | 79.19 | 91.51 | ------ | ------ | Average |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 33.73 | 46.22 | 54.00 | -7.78 | Average |
| 3 pp | 5396.973 | 10.61 | 32.80 | 30.74 | 34.45 | 47.12 | 54.00 | -6.88 | Average |

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11ax_40M_Partial_RU242_TX_CH_62_Horizontal

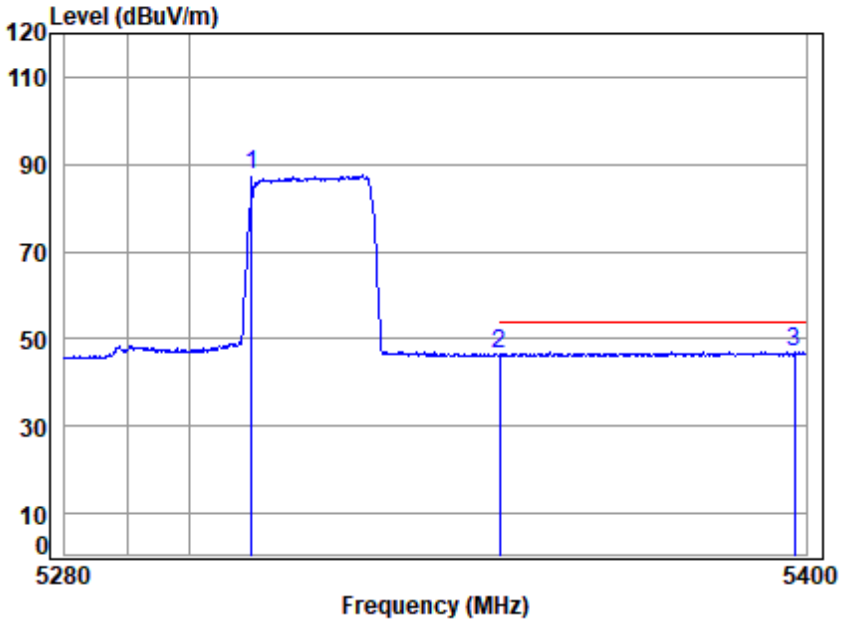



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5310 Band edge
: 5G Wi-Fi 11AX40 RU242

| | 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 pp | 5310.000 | 10.31 | 32.72 | 30.78 | 87.13 | 99.38 | 68.20 | 31.18 | peak |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 46.35 | 58.84 | 74.00 | -15.16 | peak |
| 3 | 5370.712 | 10.52 | 32.80 | 30.75 | 46.95 | 59.52 | 74.00 | -14.48 | peak |

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11ax_40M_Partial_RU242_TX_CH_62_Horizontal

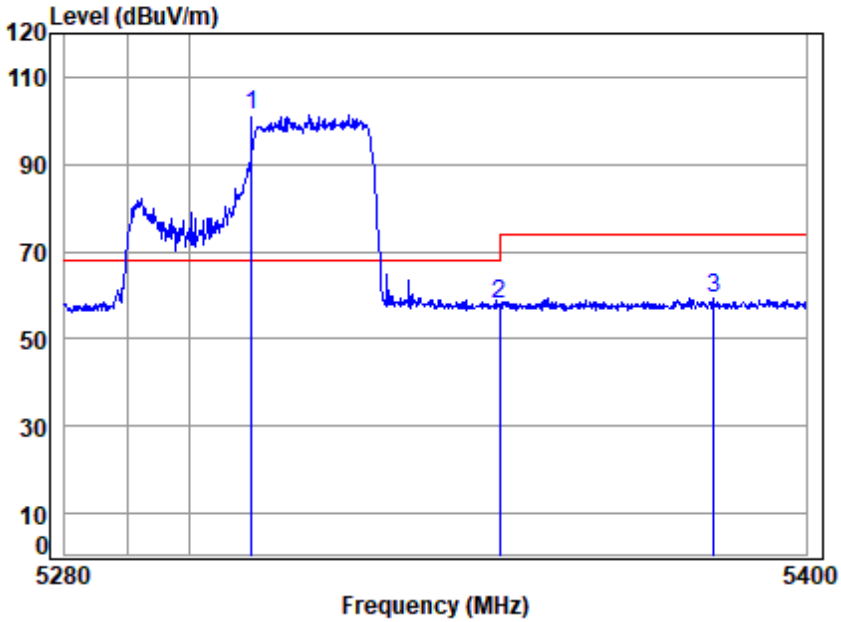



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5310 Band edge
: 5G Wi-Fi 11AX40 RU242

| | 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 | 5310.000 | 10.31 | 32.72 | 30.78 | 75.15 | 87.40 | ------ | ------ | Average |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 33.82 | 46.31 | 54.00 | -7.69 | Average |
| 3 pp | 5398.059 | 10.61 | 32.80 | 30.74 | 34.31 | 46.98 | 54.00 | -7.02 | Average |

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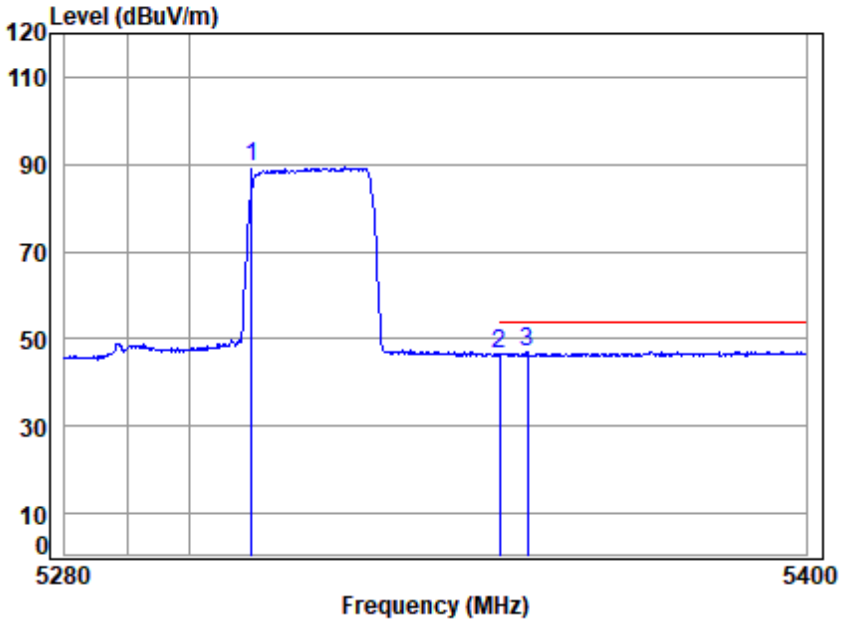



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5310 Band edge
: 5G Wi-Fi 11AX40 RU242

| | 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 pp | 5310.000 | 10.31 | 32.72 | 30.78 | 88.97 | 101.22 | 68.20 | 33.02 | peak |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 45.25 | 57.74 | 74.00 | -16.26 | peak |
| 3 | 5384.973 | 10.57 | 32.80 | 30.75 | 46.66 | 59.28 | 74.00 | -14.72 | peak |

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11ax_40M_Partial_RU242_TX_CH_62_Vertical

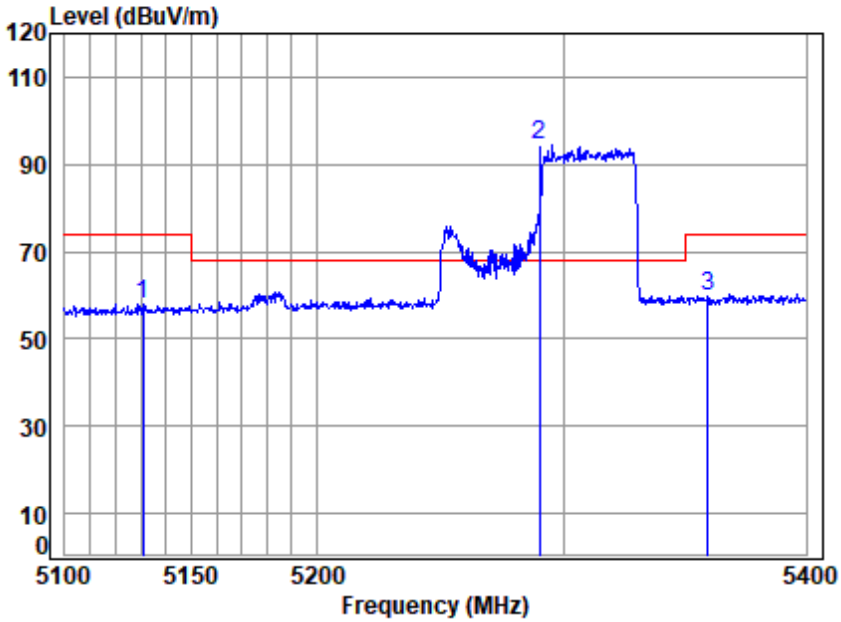



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5310 Band edge
: 5G Wi-Fi 11AX40 RU242

| | 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 | 5310.000 | 10.31 | 32.72 | 30.78 | 77.07 | 89.32 | ------ | ------ | Average |
| 2 | 5350.020 | 10.45 | 32.80 | 30.76 | 34.14 | 46.63 | 54.00 | -7.37 | Average |
| 3 pp | 5354.563 | 10.47 | 32.80 | 30.76 | 34.60 | 47.11 | 54.00 | -6.89 | Average |

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11ax_80M_Partial_RU484_TX_CH_58_Horizontal

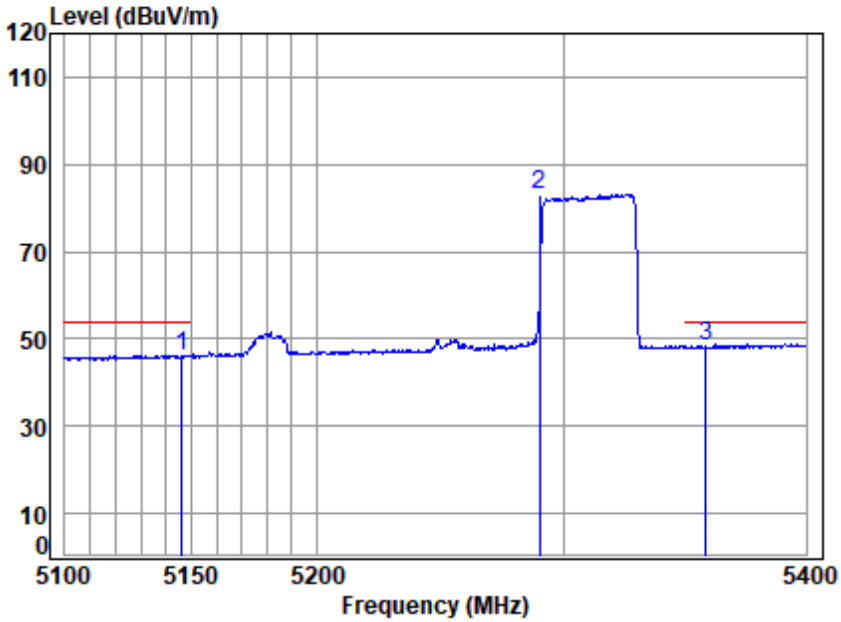



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5290 Band edge
: 5G Wi-Fi 11AX80 RU484

| | 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 | 5130.700 | 10.07 | 32.36 | 30.85 | 46.55 | 58.13 | 74.00 | -15.87 | peak |
| 2 pp | 5290.000 | 10.28 | 32.68 | 30.78 | 82.29 | 94.47 | 68.20 | 26.27 | peak |
| 3 | 5359.411 | 10.48 | 32.80 | 30.76 | 47.15 | 59.67 | 74.00 | -14.33 | peak |

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11ax_80M_Partial_RU484_TX_CH_58_Horizontal

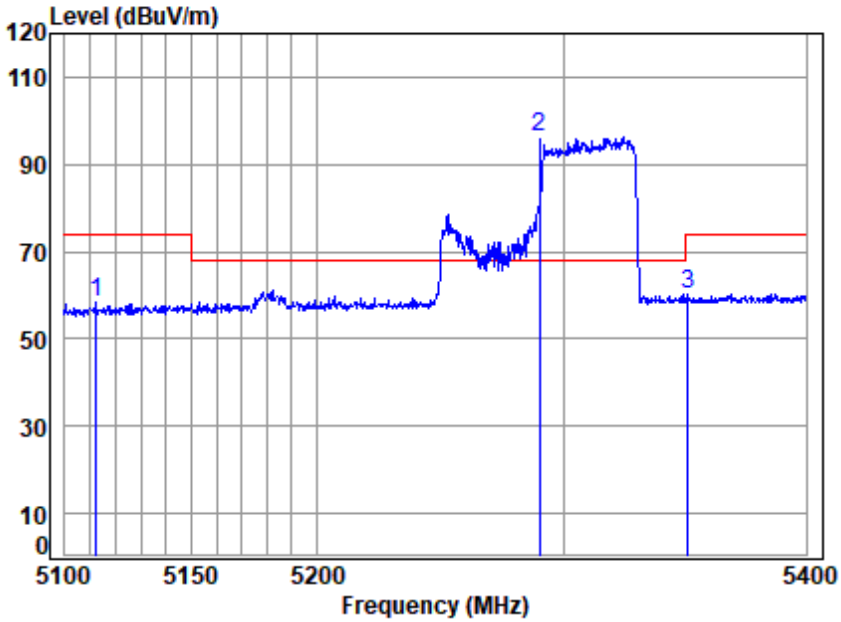



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5290 Band edge
: 5G Wi-Fi 11AX80 RU484

| | 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 | 5146.267 | 10.13 | 32.39 | 30.84 | 34.58 | 46.26 | 54.00 | -7.74 | Average |
| 2 | 5290.000 | 10.28 | 32.68 | 30.78 | 70.99 | 83.17 | ------ | ------ | Average |
| 3 pp | 5358.492 | 10.48 | 32.80 | 30.76 | 35.77 | 48.29 | 54.00 | -5.71 | Average |

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11ax_80M_Partial_RU484_TX_CH_58_Vertical

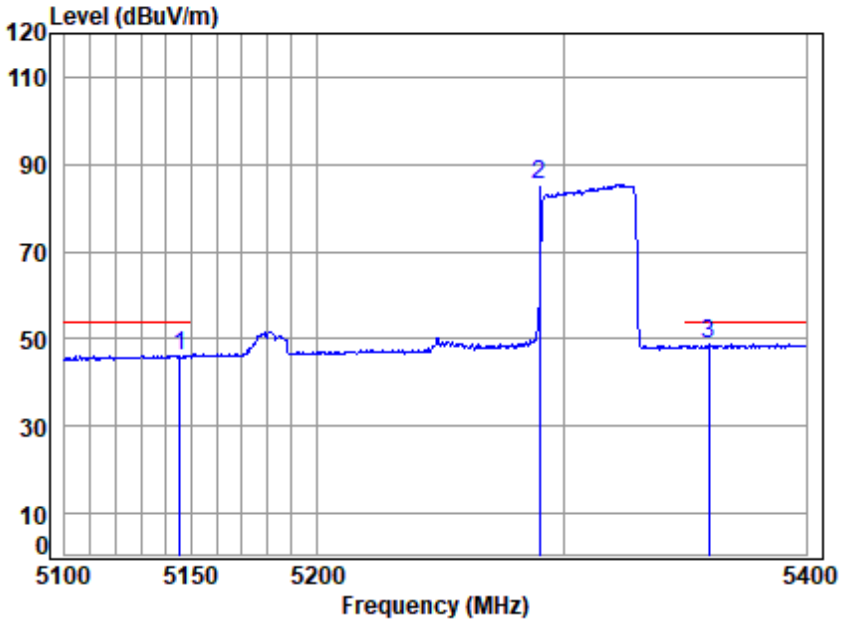



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5290 Band edge
: 5G Wi-Fi 11AX80 RU484

| | 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 | 5112.258 | 10.00 | 32.32 | 30.86 | 46.97 | 58.43 | 74.00 | -15.57 | peak |
| 2 pp | 5290.000 | 10.28 | 32.68 | 30.78 | 83.91 | 96.09 | 68.20 | 27.89 | peak |
| 3 | 5351.146 | 10.45 | 32.80 | 30.76 | 47.55 | 60.04 | 74.00 | -13.96 | peak |

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11ax_80M_Partial_RU484_TX_CH_58_Vertical

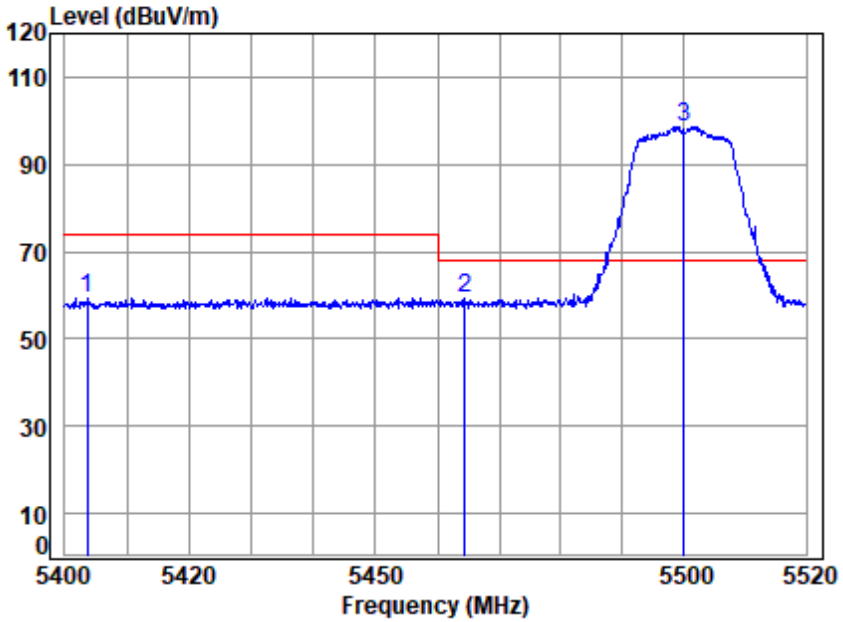



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5290 Band edge
: 5G Wi-Fi 11AX80 RU484

| | 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 | 5145.679 | 10.12 | 32.39 | 30.84 | 34.59 | 46.26 | 54.00 | -7.74 | Average |
| 2 | 5290.000 | 10.28 | 32.68 | 30.78 | 73.35 | 85.53 | ------ | ------ | Average |
| 3 pp | 5359.717 | 10.48 | 32.80 | 30.76 | 36.08 | 48.60 | 54.00 | -5.40 | Average |

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11a_TX_CH_100_Horizontal

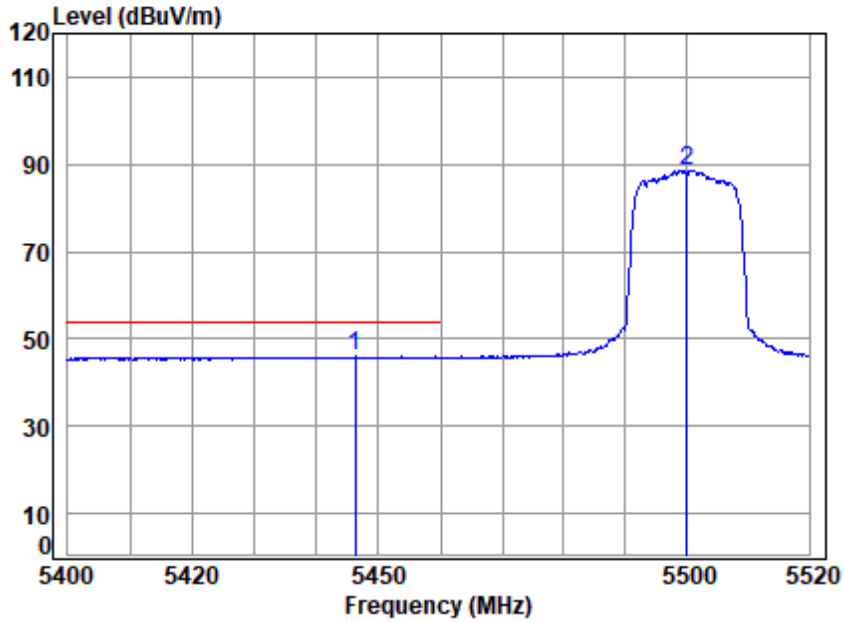



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11A

| | 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 | 5403.681 | 10.62 | 32.81 | 30.74 | 46.82 | 59.51 | 74.00 | -14.49 | peak |
| 2 | 5464.352 | 10.59 | 32.90 | 30.71 | 46.55 | 59.33 | 68.20 | -8.87 | peak |
| 3 pp | 5500.000 | 10.58 | 32.90 | 30.70 | 85.88 | 98.66 | 68.20 | 30.46 | peak |

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11a_TX_CH_100_Horizontal

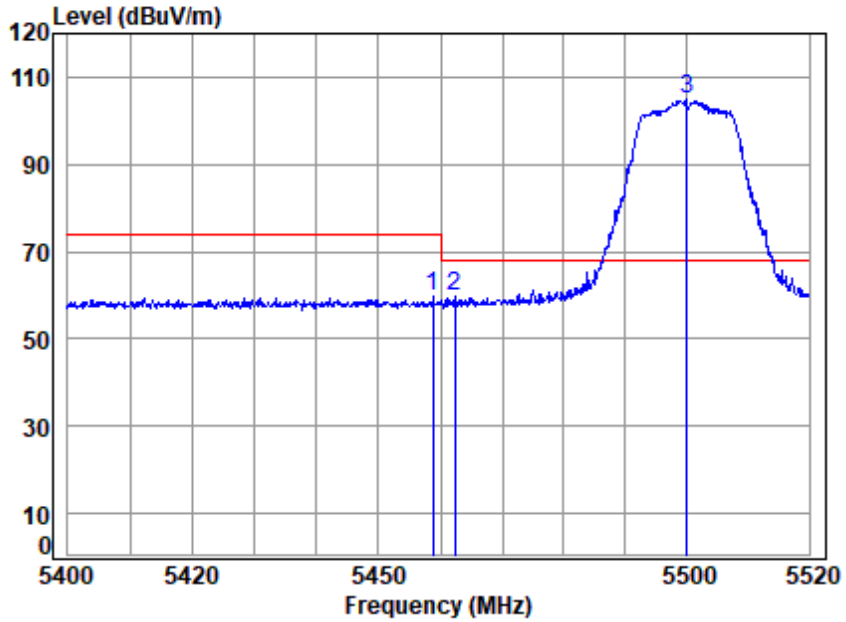



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11A

| | 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 pp | 5446.247 | 10.60 | 32.89 | 30.72 | 33.16 | 45.93 | 54.00 | -8.07 | Average |
| 2 | 5500.000 | 10.58 | 32.90 | 30.70 | 75.93 | 88.71 | ------ | ------ | Average |

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11a_TX_CH_100_Vertical

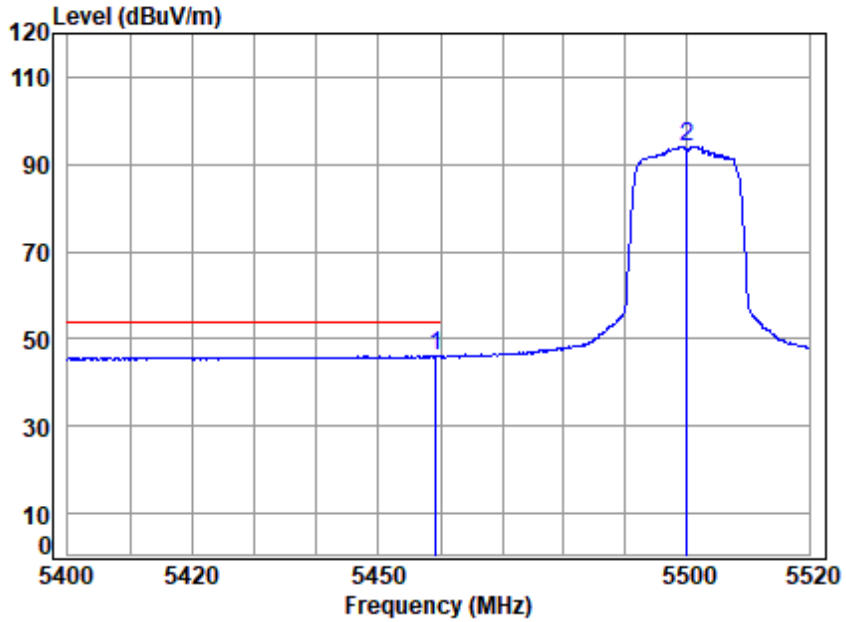



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11A

| | 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 | 5458.710 | 10.60 | 32.90 | 30.72 | 47.21 | 59.99 | 74.00 | -14.01 | peak |
| 2 | 5462.311 | 10.59 | 32.90 | 30.72 | 46.81 | 59.58 | 68.20 | -8.62 | peak |
| 3 pp | 5500.000 | 10.58 | 32.90 | 30.70 | 92.31 | 105.09 | 68.20 | 36.89 | peak |

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11a_TX_CH_100_Vertical

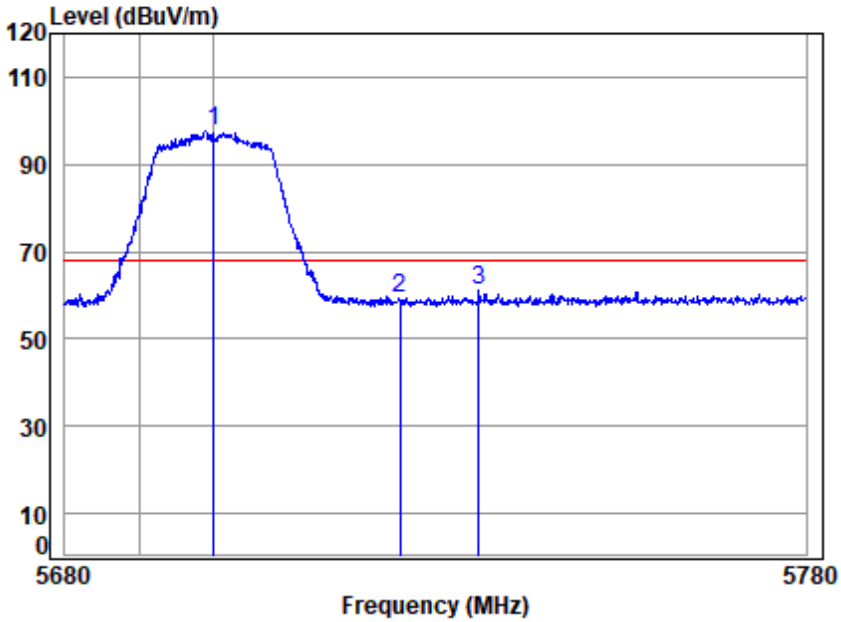



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11A

| | 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 pp | 5459.190 | 10.60 | 32.90 | 30.72 | 33.45 | 46.23 | 54.00 | -7.77 | Average |
| 2 | 5500.000 | 10.58 | 32.90 | 30.70 | 81.40 | 94.18 | ------ | ------ | Average |

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11a_TX_CH_140_Horizontal

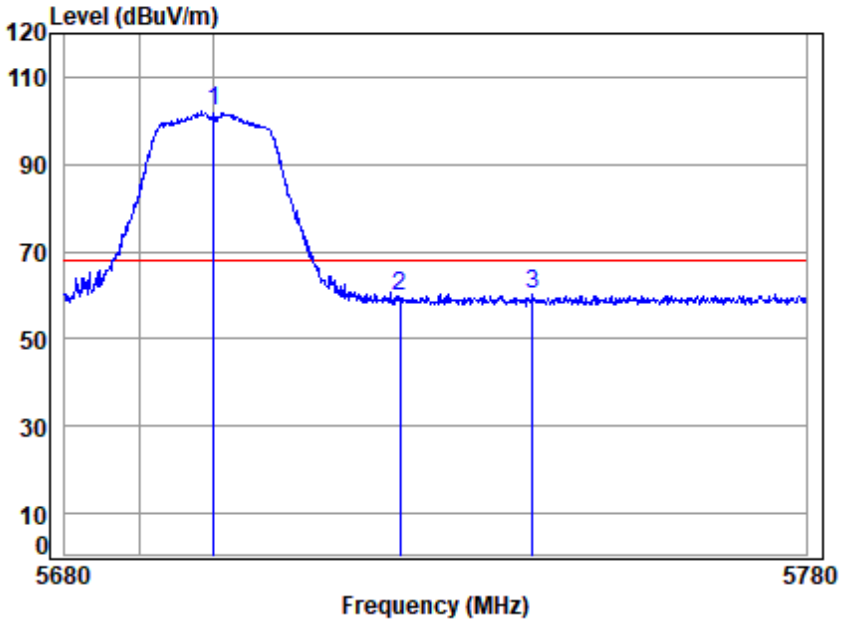



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5700 Band edge
: 5G Wi-Fi 11A

| | 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 pp | 5700.000 | 10.56 | 33.20 | 30.62 | 84.31 | 97.45 | 68.20 | 29.25 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.20 | 59.52 | 68.20 | -8.68 | peak |
| 3 | 5735.685 | 10.73 | 33.27 | 30.61 | 47.57 | 60.96 | 68.20 | -7.24 | peak |

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11a_TX_CH_140_Vertical

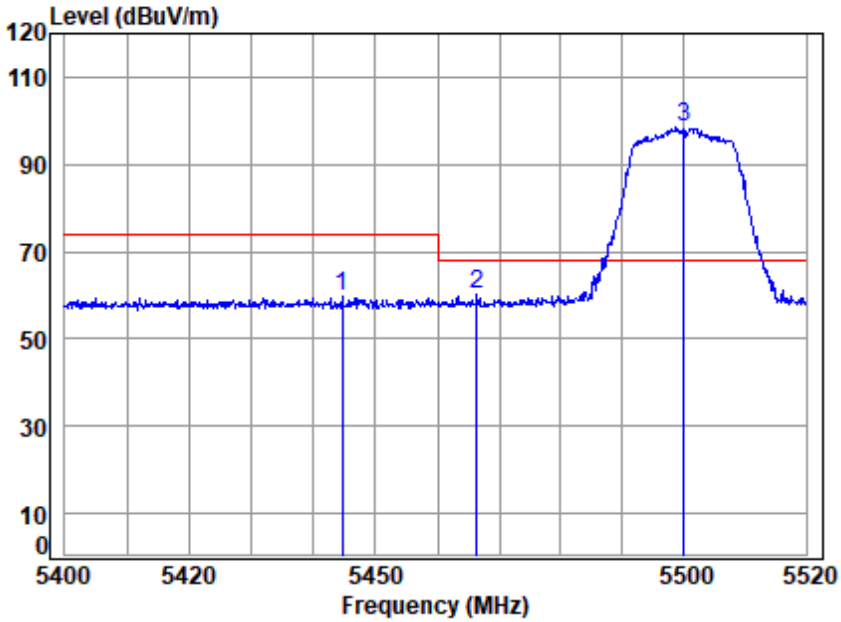



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5700 Band edge
: 5G Wi-Fi 11A

| | 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 pp | 5700.000 | 10.56 | 33.20 | 30.62 | 88.89 | 102.03 | 68.20 | 33.83 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.45 | 59.77 | 68.20 | -8.43 | peak |
| 3 | 5742.896 | 10.76 | 33.29 | 30.60 | 46.94 | 60.39 | 68.20 | -7.81 | peak |

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11ac_HT(20M)_TX_CH_100_Horizontal

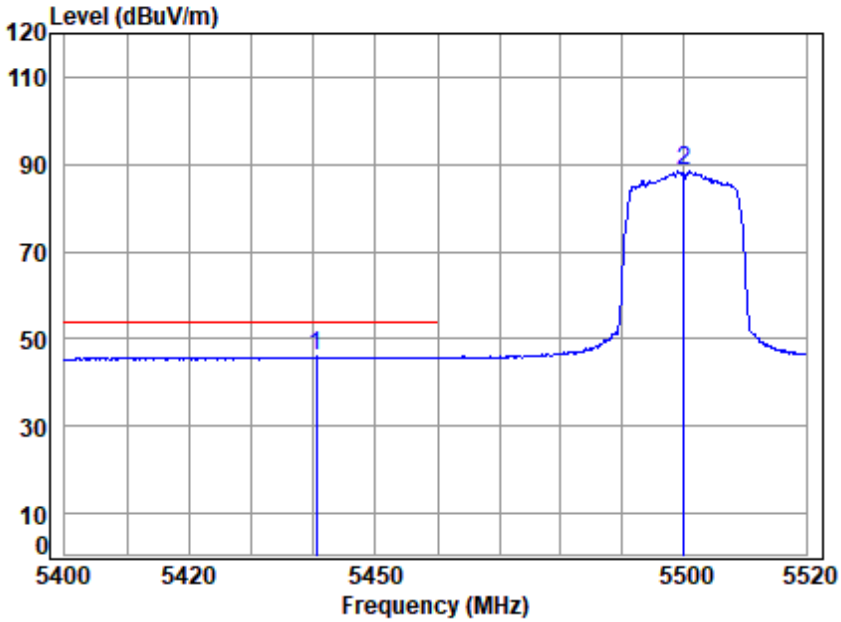



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11AC20

| | 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 | 5444.691 | 10.60 | 32.89 | 30.72 | 47.11 | 59.88 | 74.00 | -14.12 | peak |
| 2 | 5466.395 | 10.59 | 32.90 | 30.71 | 47.58 | 60.36 | 68.20 | -7.84 | peak |
| 3 pp | 5500.000 | 10.58 | 32.90 | 30.70 | 85.55 | 98.33 | 68.20 | 30.13 | peak |

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11ac_HT(20M)_TX_CH_100_Horizontal

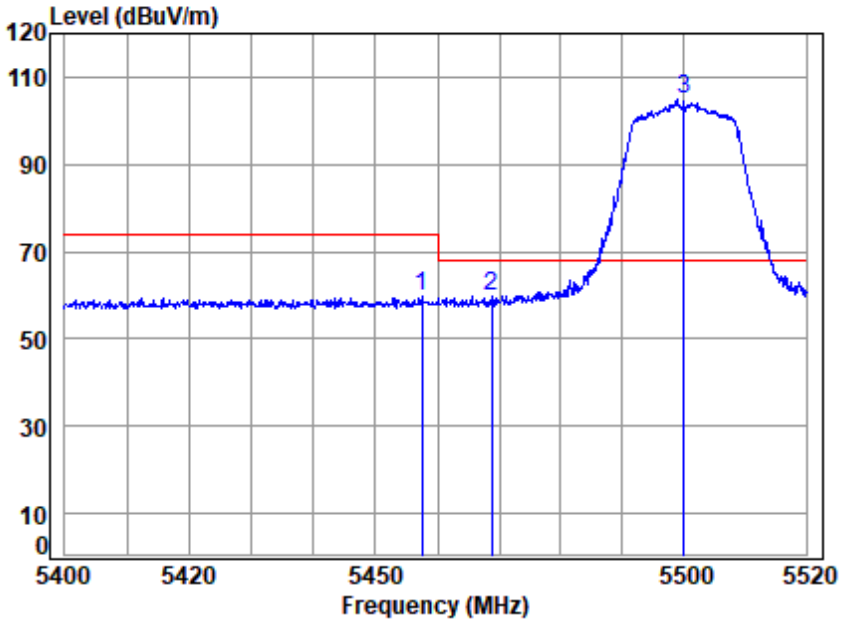



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11AC20

| | 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 pp | 5440.385 | 10.60 | 32.88 | 30.72 | 33.15 | 45.91 | 54.00 | -8.09 | Average |
| 2 | 5500.000 | 10.58 | 32.90 | 30.70 | 75.60 | 88.38 | ------ | ------ | Average |

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11ac_HT(20M)_TX_CH_100_Vertical

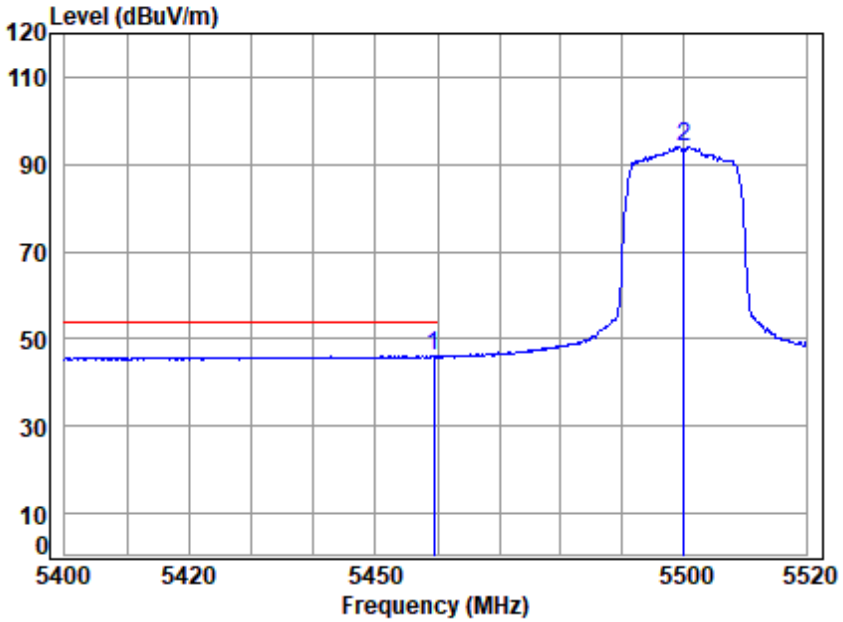



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11AC20

| | 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 | 5457.511 | 10.60 | 32.90 | 30.72 | 46.82 | 59.60 | 74.00 | -14.40 | peak |
| 2 | 5468.798 | 10.59 | 32.90 | 30.71 | 46.82 | 59.60 | 68.20 | -8.60 | peak |
| 3 pp | 5500.000 | 10.58 | 32.90 | 30.70 | 91.96 | 104.74 | 68.20 | 36.54 | peak |

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11ac_HT(20M)_TX_CH_100_Vertical

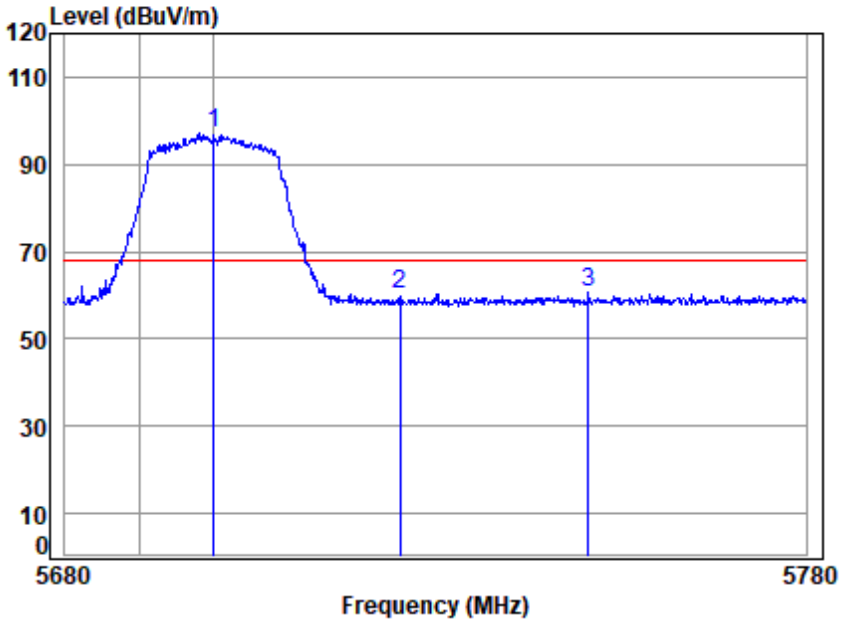



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11AC20

| | 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 pp | 5459.430 | 10.60 | 32.90 | 30.72 | 33.26 | 46.04 | 54.00 | -7.96 | Average |
| 2 | 5500.000 | 10.58 | 32.90 | 30.70 | 81.43 | 94.21 | ------ | ------ | Average |

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11ac_HT(20M)_TX_CH_140_Horizontal

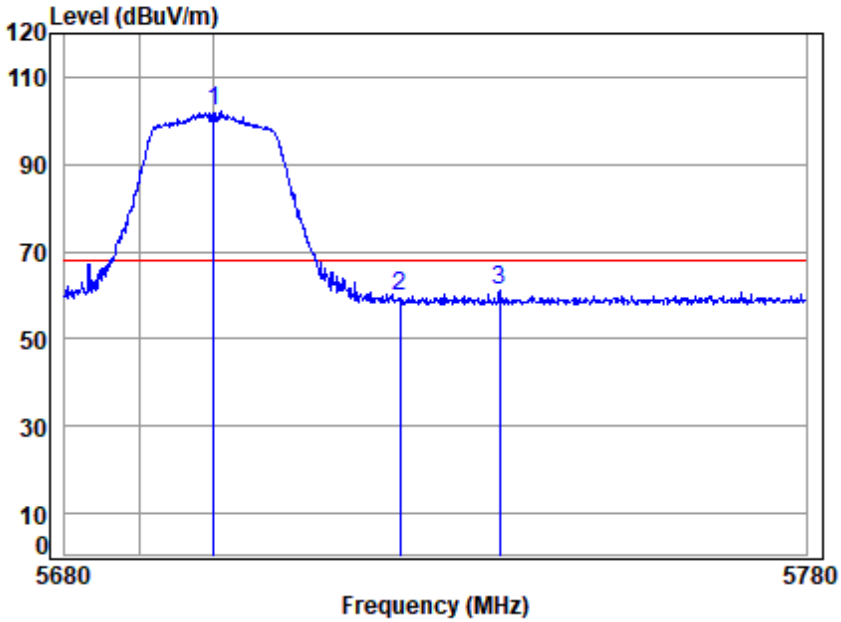



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5700 Band edge
: 5G Wi-Fi 11AC20

| | 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 pp | 5700.000 | 10.56 | 33.20 | 30.62 | 83.93 | 97.07 | 68.20 | 28.87 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.79 | 60.11 | 68.20 | -8.09 | peak |
| 3 | 5750.418 | 10.79 | 33.30 | 30.60 | 47.18 | 60.67 | 68.20 | -7.53 | peak |

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11ac_HT(20M)_TX_CH_140_Vertical

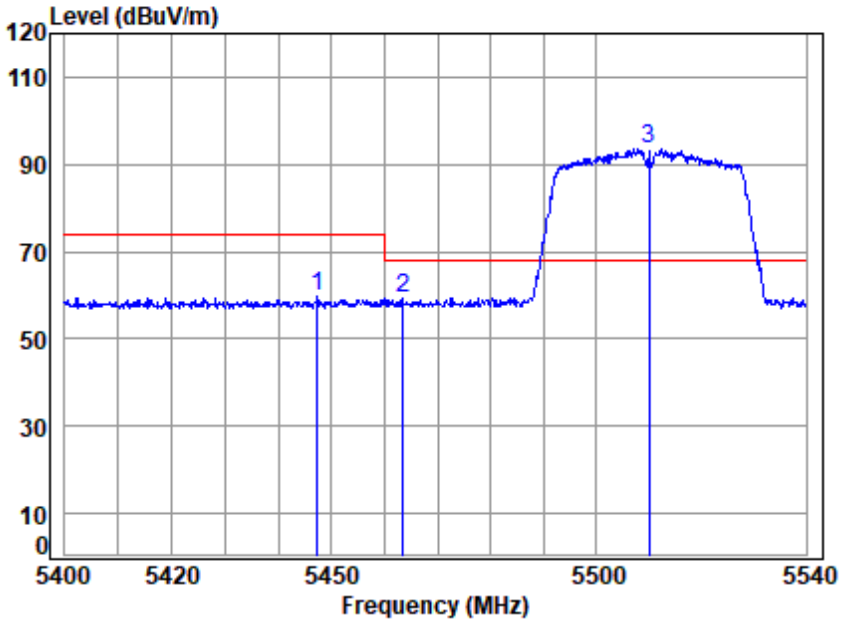



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5700 Band edge
: 5G Wi-Fi 11AC20

| | 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 pp | 5700.000 | 10.56 | 33.20 | 30.62 | 88.95 | 102.09 | 68.20 | 33.89 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.25 | 59.57 | 68.20 | -8.63 | peak |
| 3 | 5738.388 | 10.74 | 33.28 | 30.60 | 47.52 | 60.94 | 68.20 | -7.26 | peak |

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11ac_HT(40M)_TX_CH_102_Horizontal

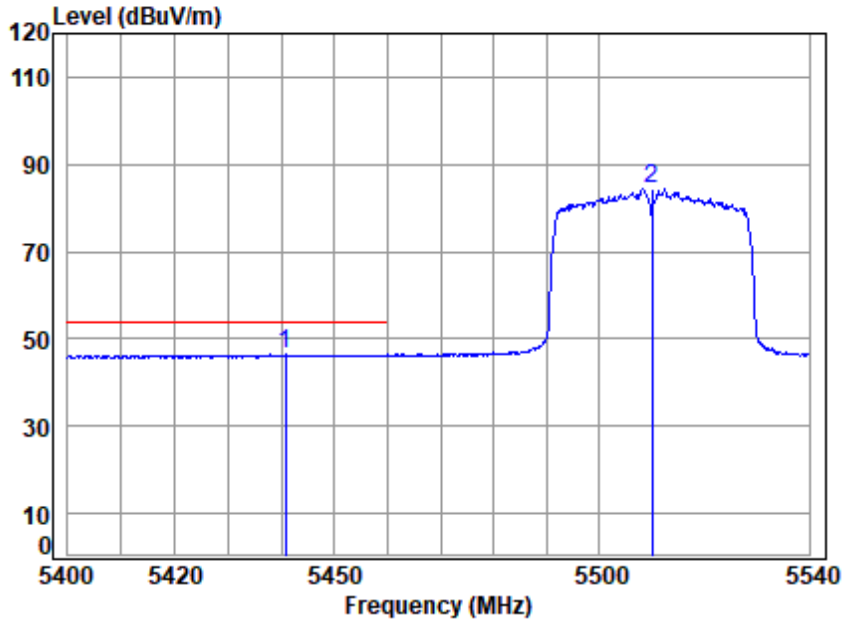



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5510 Band edge
: 5G Wi-Fi 11AC40

| | 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 | 5447.338 | 10.60 | 32.89 | 30.72 | 47.05 | 59.82 | 74.00 | -14.18 | peak |
| 2 | 5463.396 | 10.59 | 32.90 | 30.71 | 46.44 | 59.22 | 68.20 | -8.98 | peak |
| 3 pp | 5510.000 | 10.56 | 32.90 | 30.70 | 80.78 | 93.54 | 68.20 | 25.34 | peak |

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11ac_HT(40M)_TX_CH_102_Horizontal

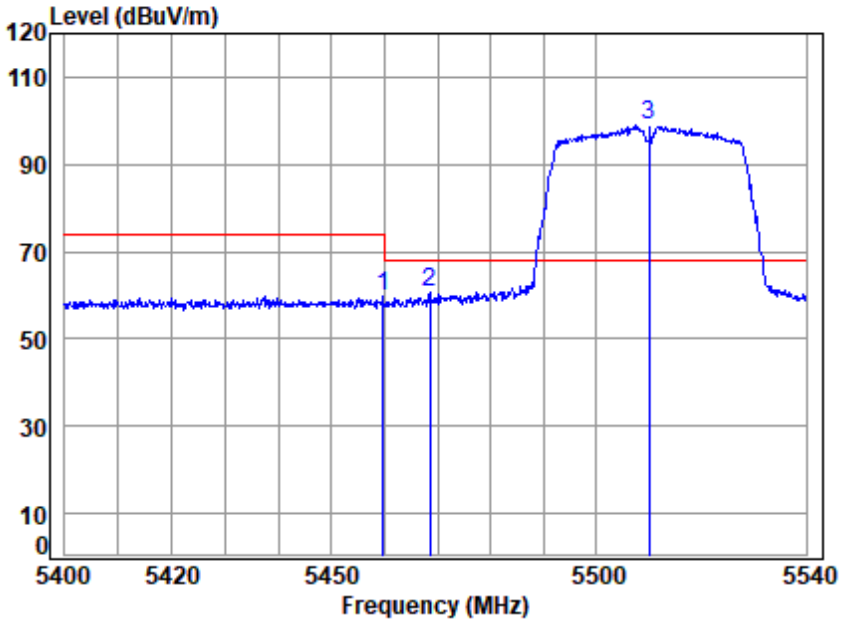



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5510 Band edge
: 5G Wi-Fi 11AC40

| | 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 pp | 5440.789 | 10.60 | 32.88 | 30.72 | 33.64 | 46.40 | 54.00 | -7.60 | Average |
| 2 | 5510.000 | 10.56 | 32.90 | 30.70 | 71.53 | 84.29 | ------ | ------ | Average |

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11ac_HT(40M)_TX_CH_102_Vertical

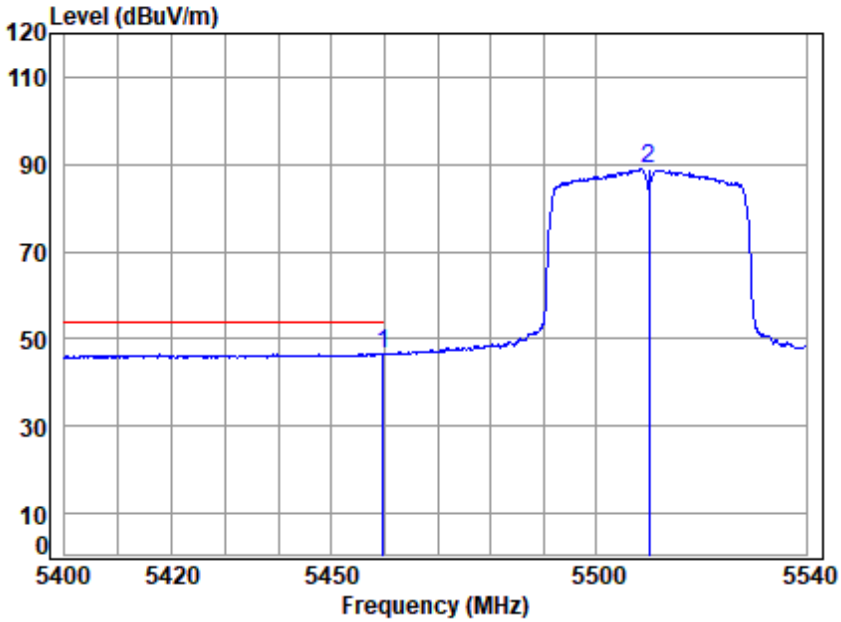



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5510 Band edge
: 5G Wi-Fi 11AC40

| | 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 | 5459.622 | 10.60 | 32.90 | 30.72 | 47.10 | 59.88 | 74.00 | -14.12 | peak |
| 2 | 5468.432 | 10.59 | 32.90 | 30.71 | 47.76 | 60.54 | 68.20 | -7.66 | peak |
| 3 pp | 5510.000 | 10.56 | 32.90 | 30.70 | 86.13 | 98.89 | 68.20 | 30.69 | peak |

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11ac_HT(40M)_TX_CH_102_Vertical

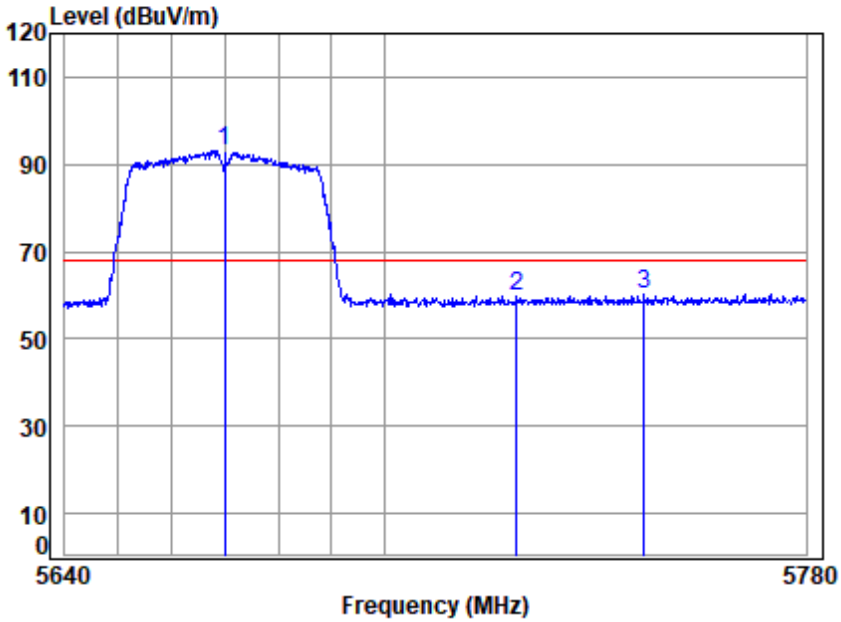



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5510 Band edge
: 5G Wi-Fi 11AC40

| | 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 pp | 5459.622 | 10.60 | 32.90 | 30.72 | 33.87 | 46.65 | 54.00 | -7.35 | Average |
| 2 | 5510.000 | 10.56 | 32.90 | 30.70 | 76.10 | 88.86 | ------ | ------ | Average |

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11ac_HT(40M)_TX_CH_134_Horizontal

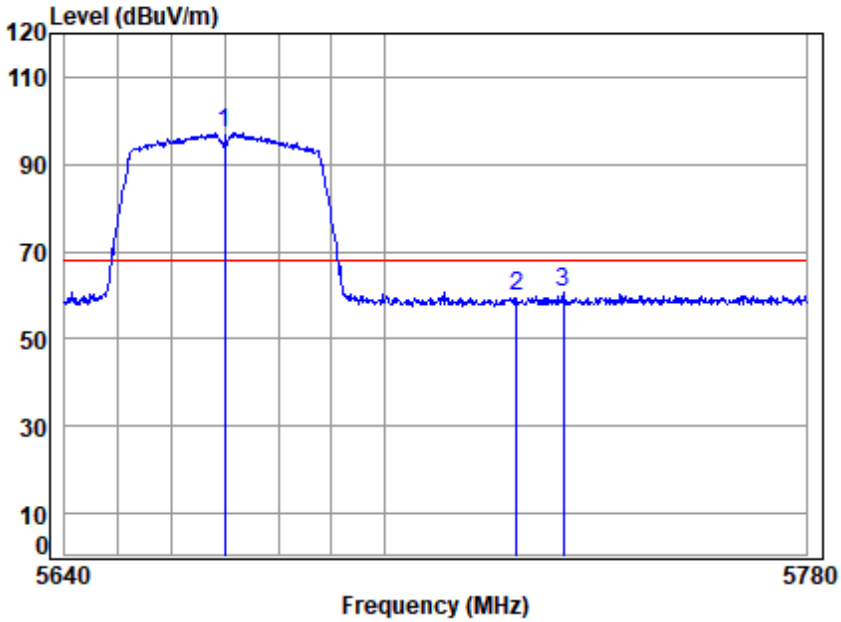



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5670 Band edge
: 5G Wi-Fi 11AC40

| | 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 pp | 5670.000 | 10.52 | 33.14 | 30.63 | 79.96 | 92.99 | 68.20 | 24.79 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.54 | 59.86 | 68.20 | -8.34 | peak |
| 3 | 5749.187 | 10.79 | 33.30 | 30.60 | 46.79 | 60.28 | 68.20 | -7.92 | peak |

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11ac_HT(40M)_TX_CH_134_Vertical

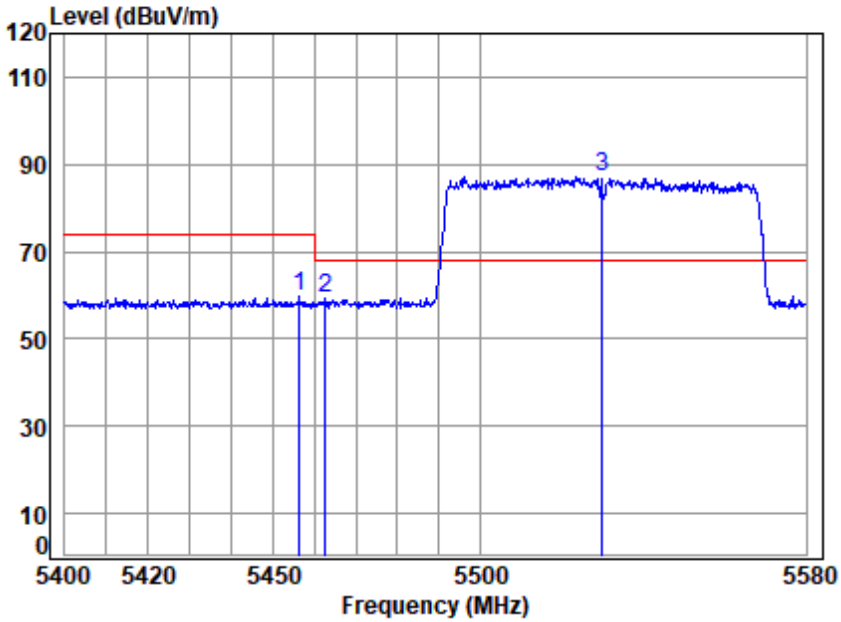



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5670 Band edge
: 5G Wi-Fi 11AC40

| | 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 pp | 5670.000 | 10.52 | 33.14 | 30.63 | 84.27 | 97.30 | 68.20 | 29.10 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.31 | 59.63 | 68.20 | -8.57 | peak |
| 3 | 5733.701 | 10.72 | 33.27 | 30.61 | 47.13 | 60.51 | 68.20 | -7.69 | peak |

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11ac_VHT(80M)_TX_CH_106_Horizontal

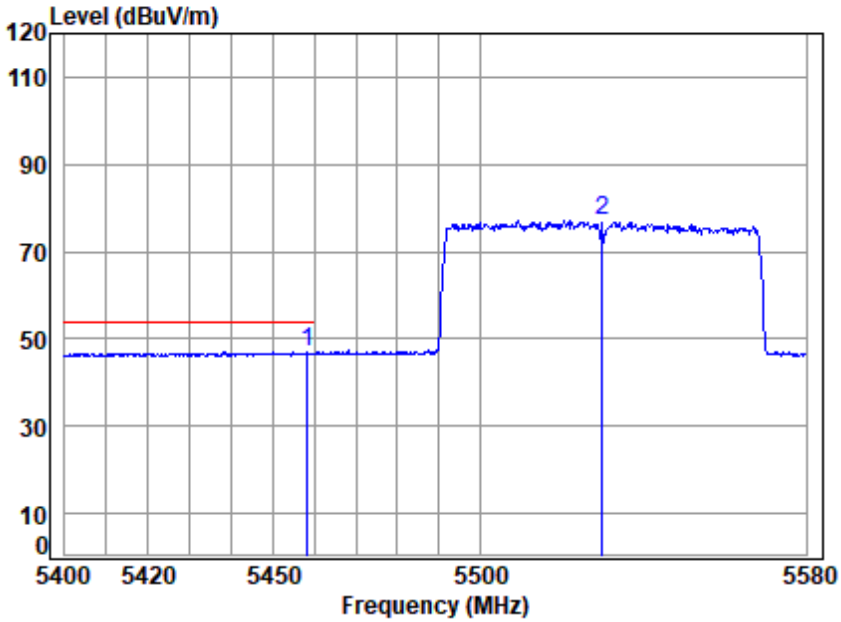



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5530 Band edge
: 5G Wi-Fi 11AC80

| | 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 | 5456.244 | 10.60 | 32.90 | 30.72 | 46.78 | 59.56 | 74.00 | -14.44 | peak |
| 2 | 5462.509 | 10.59 | 32.90 | 30.71 | 46.41 | 59.19 | 68.20 | -9.01 | peak |
| 3 pp | 5530.000 | 10.53 | 32.90 | 30.69 | 74.29 | 87.03 | 68.20 | 18.83 | peak |

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11ac_VHT(80M)_TX_CH_106_Horizontal

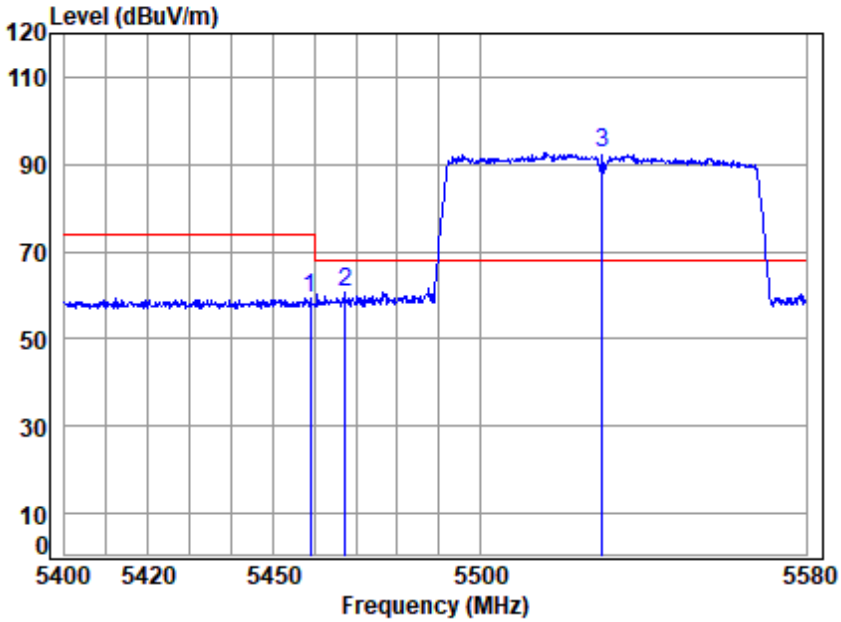



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5530 Band edge
: 5G Wi-Fi 11AC80

| | 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 pp | 5458.212 | 10.60 | 32.90 | 30.72 | 34.23 | 47.01 | 54.00 | -6.99 | Average |
| 2 | 5530.000 | 10.53 | 32.90 | 30.69 | 64.25 | 76.99 | ------ | ------ | Average |

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11ac_VHT(80M)_TX_CH_106_Vertical

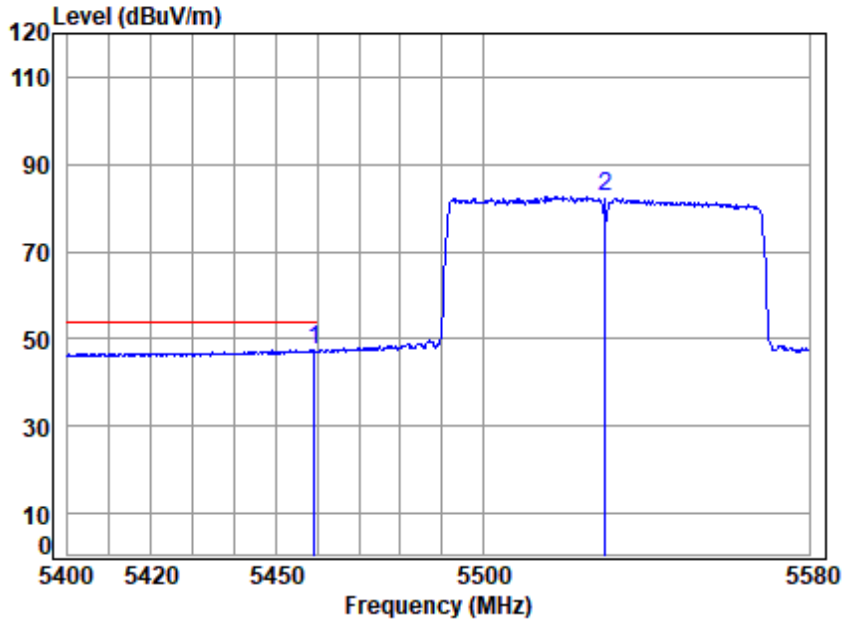



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5530 Band edge
: 5G Wi-Fi 11AC80

| | 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 | 5459.107 | 10.60 | 32.90 | 30.72 | 46.44 | 59.22 | 74.00 | -14.78 | peak |
| 2 | 5467.347 | 10.59 | 32.90 | 30.71 | 47.71 | 60.49 | 68.20 | -7.71 | peak |
| 3 pp | 5530.000 | 10.53 | 32.90 | 30.69 | 80.09 | 92.83 | 68.20 | 24.63 | peak |

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11ac_VHT(80M)_TX_CH_106_Vertical

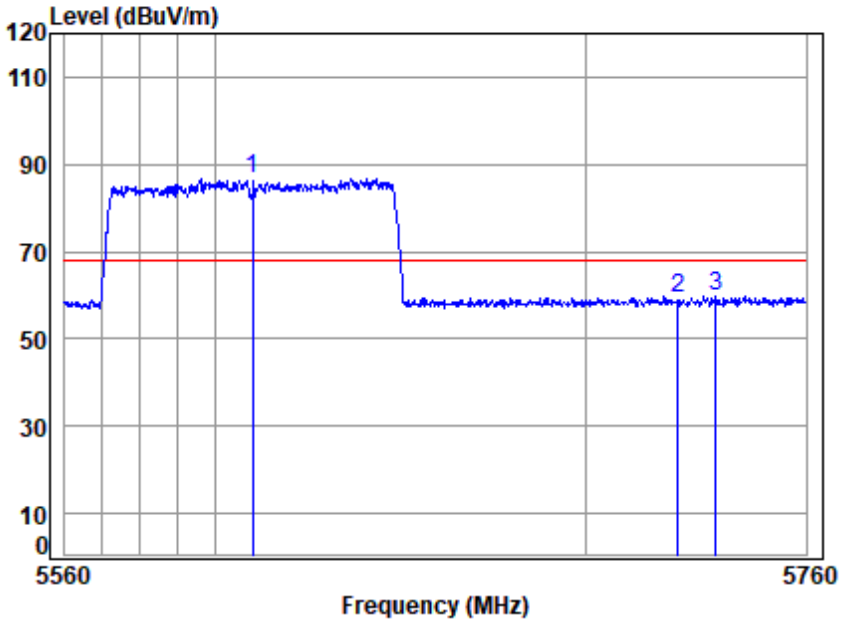



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5530 Band edge
: 5G Wi-Fi 11AC80

| | 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 pp | 5459.286 | 10.60 | 32.90 | 30.72 | 34.72 | 47.50 | 54.00 | -6.50 | Average |
| 2 | 5530.000 | 10.53 | 32.90 | 30.69 | 69.75 | 82.49 | ------ | ------ | Average |

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11ac_VHT(80M)_TX_CH_122_Horizontal

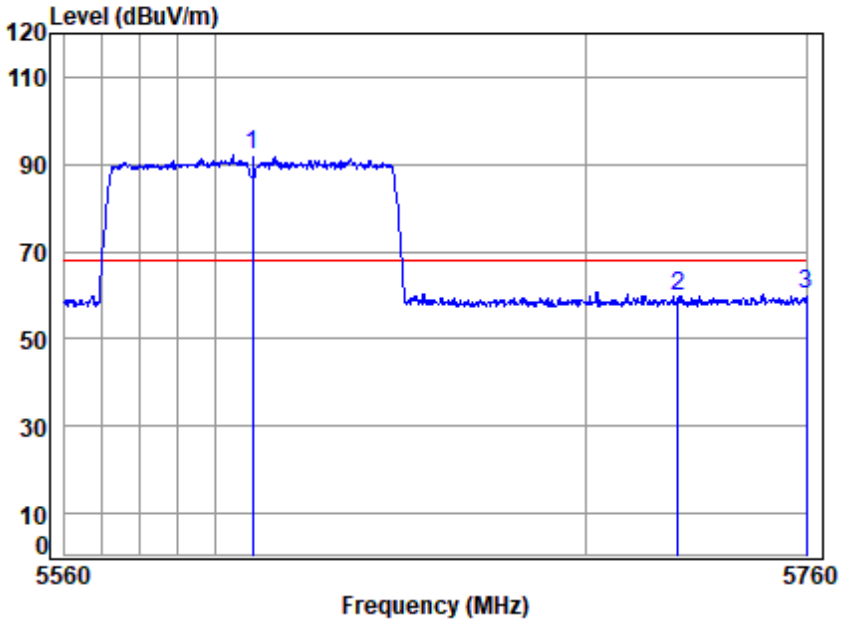



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5610 Band edge
: 5G Wi-Fi 11AC80

| | 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 pp | 5610.000 | 10.43 | 33.02 | 30.66 | 73.95 | 86.74 | 68.20 | 18.54 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.15 | 59.47 | 68.20 | -8.73 | peak |
| 3 | 5735.220 | 10.72 | 33.27 | 30.61 | 46.50 | 59.88 | 68.20 | -8.32 | peak |

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11ac_VHT(80M)_TX_CH_122_Vertical

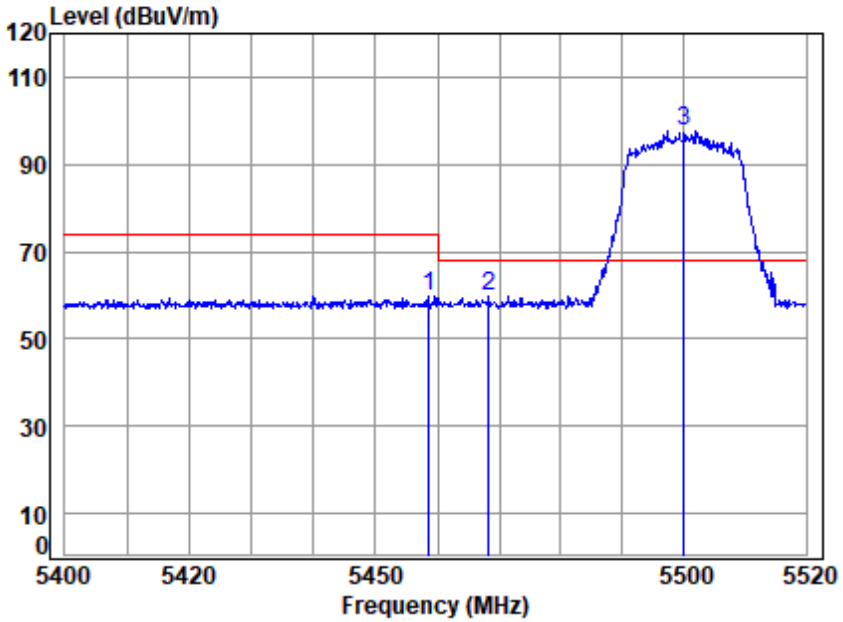



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5610 Band edge
: 5G Wi-Fi 11AC80

| | 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 pp | 5610.000 | 10.43 | 33.02 | 30.66 | 79.56 | 92.35 | 68.20 | 24.15 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.58 | 59.90 | 68.20 | -8.30 | peak |
| 3 | 5760.000 | 10.84 | 33.32 | 30.60 | 46.84 | 60.40 | 68.20 | -7.80 | peak |

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11ax_20M_TX_CH_100_Horizontal

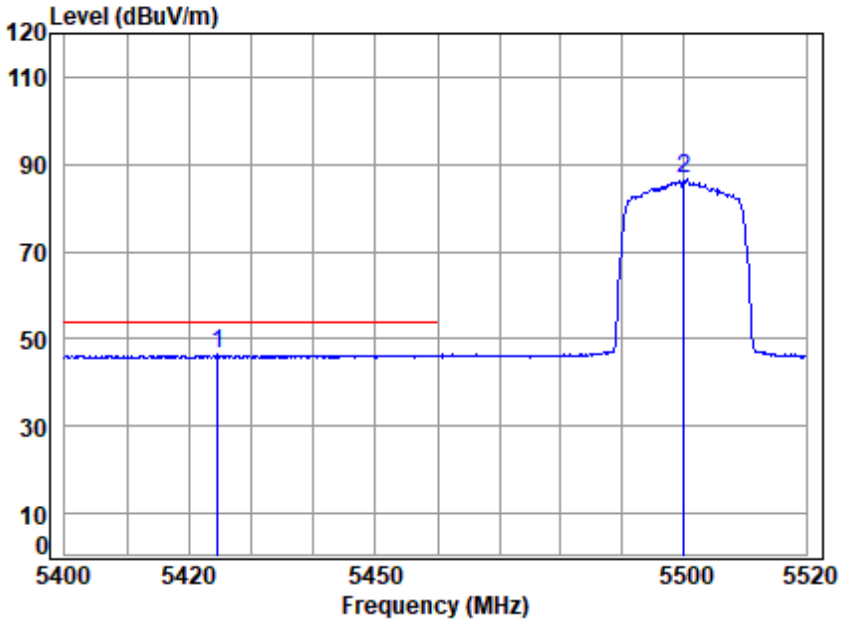



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20

| | 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 | 5458.590 | 10.60 | 32.90 | 30.72 | 46.96 | 59.74 | 74.00 | -14.26 | peak |
| 2 | 5468.317 | 10.59 | 32.90 | 30.71 | 46.90 | 59.68 | 68.20 | -8.52 | peak |
| 3 pp | 5500.000 | 10.58 | 32.90 | 30.70 | 84.92 | 97.70 | 68.20 | 29.50 | peak |

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11ax_20M_TX_CH_100_Horizontal

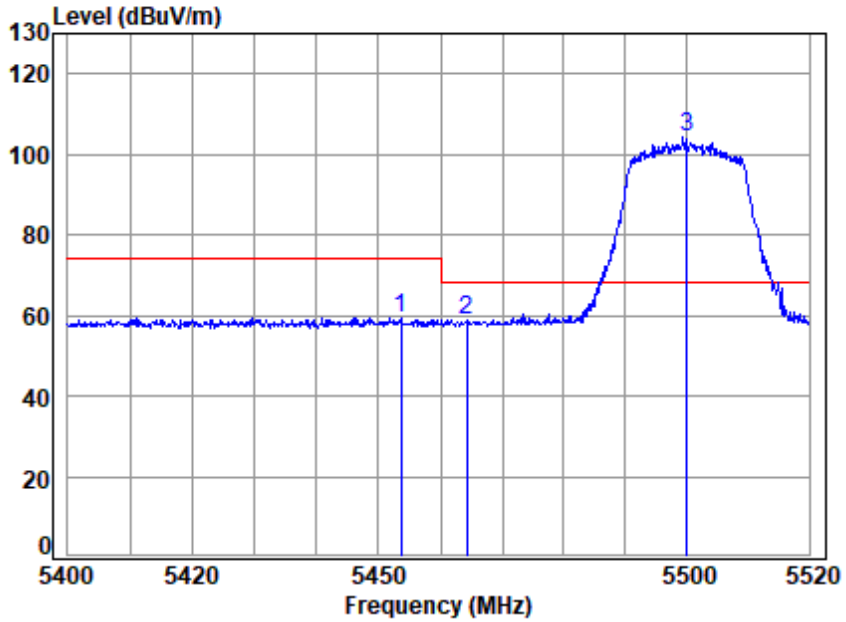



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20

| | 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 pp | 5424.505 | 10.61 | 32.85 | 30.73 | 33.59 | 46.32 | 54.00 | -7.68 | Average |
| 2 | 5500.000 | 10.58 | 32.90 | 30.70 | 73.72 | 86.50 | ------ | ------ | Average |

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11ax_20M_TX_CH_100_Vertical

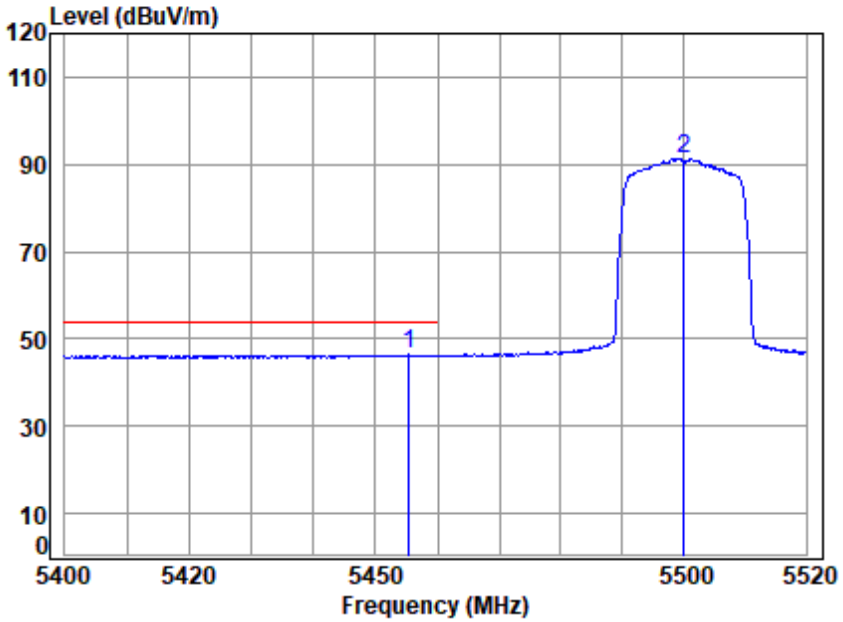



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20

| | 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 | 5453.554 | 10.60 | 32.90 | 30.72 | 46.68 | 59.46 | 74.00 | -14.54 | peak |
| 2 | 5464.232 | 10.59 | 32.90 | 30.71 | 46.08 | 58.86 | 68.20 | -9.34 | peak |
| 3 pp | 5500.000 | 10.58 | 32.90 | 30.70 | 91.56 | 104.34 | 68.20 | 36.14 | peak |

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11ax_20M_TX_CH_100_Vertical

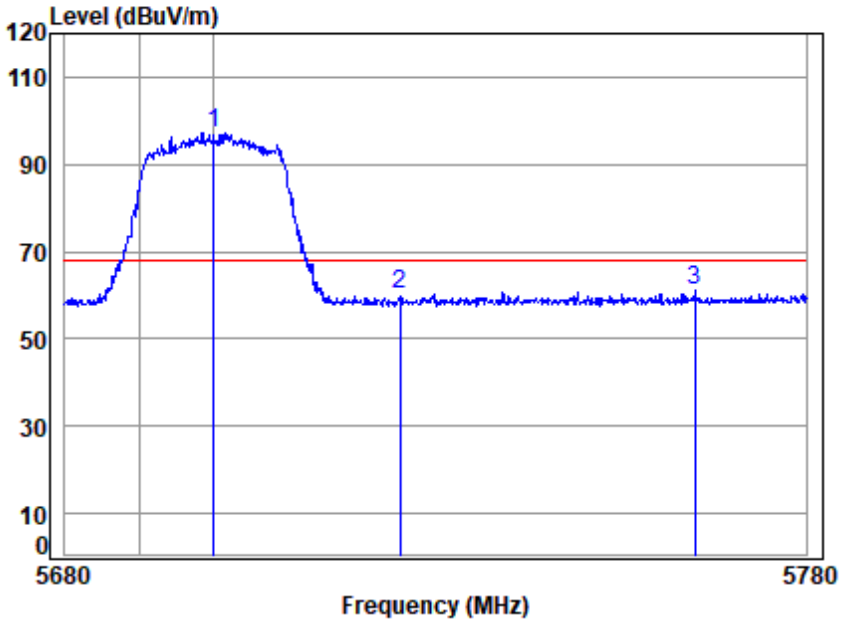



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20

| | 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 pp | 5455.472 | 10.60 | 32.90 | 30.72 | 33.55 | 46.33 | 54.00 | -7.67 | Average |
| 2 | 5500.000 | 10.58 | 32.90 | 30.70 | 78.52 | 91.30 | ------ | ------ | Average |

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11ax_20M_TX_CH_140_Horizontal

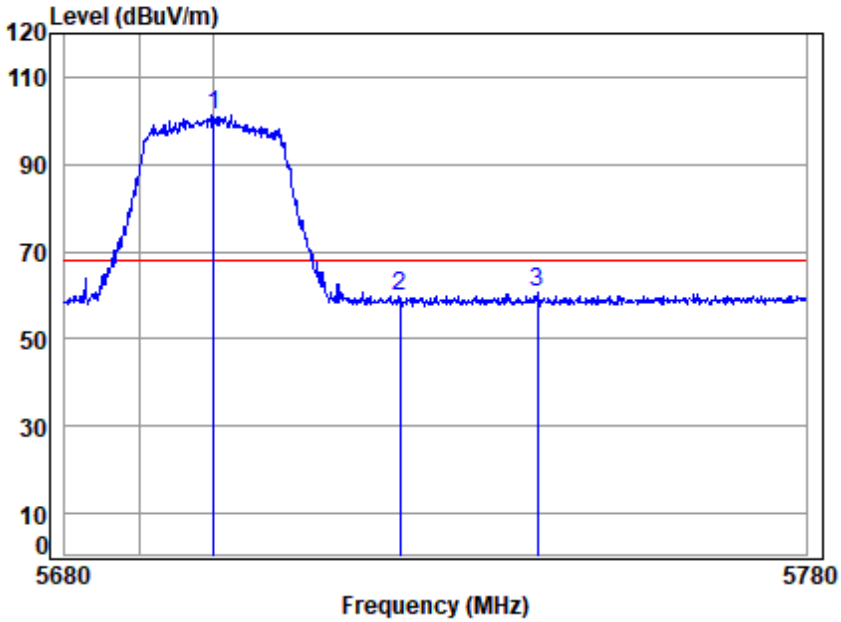



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5700 Band edge
: 5G Wi-Fi 11AX20

| | 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 pp | 5700.000 | 10.56 | 33.20 | 30.62 | 84.12 | 97.26 | 68.20 | 29.06 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 47.03 | 60.35 | 68.20 | -7.85 | peak |
| 3 | 5764.889 | 10.86 | 33.33 | 30.59 | 47.74 | 61.34 | 68.20 | -6.86 | peak |

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11ax_20M_TX_CH_140_Vertical

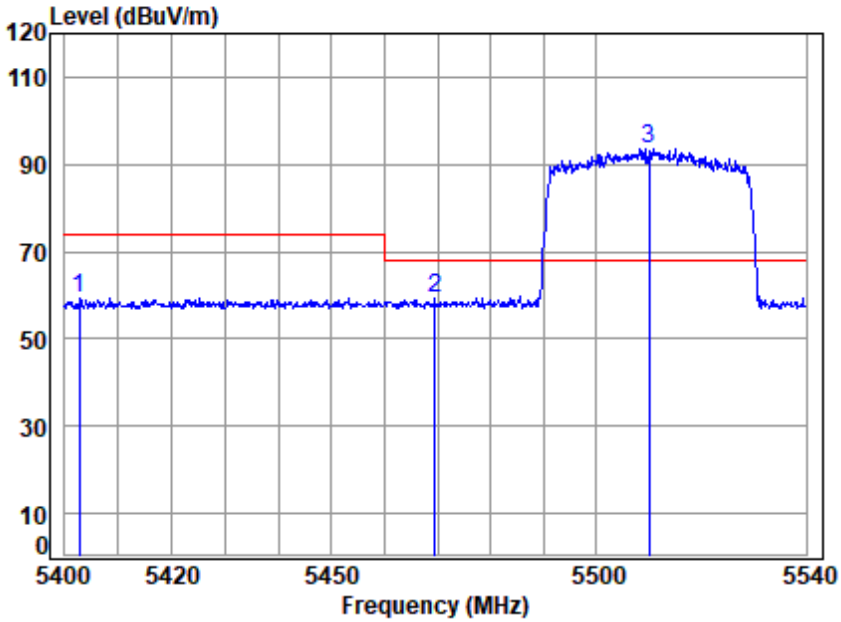



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5700 Band edge
: 5G Wi-Fi 11AX20

| | 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 pp | 5700.000 | 10.56 | 33.20 | 30.62 | 88.17 | 101.31 | 68.20 | 33.11 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.32 | 59.64 | 68.20 | -8.56 | peak |
| 3 | 5743.598 | 10.76 | 33.29 | 30.60 | 47.17 | 60.62 | 68.20 | -7.58 | peak |

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11ax_40M_TX_CH_102_Horizontal

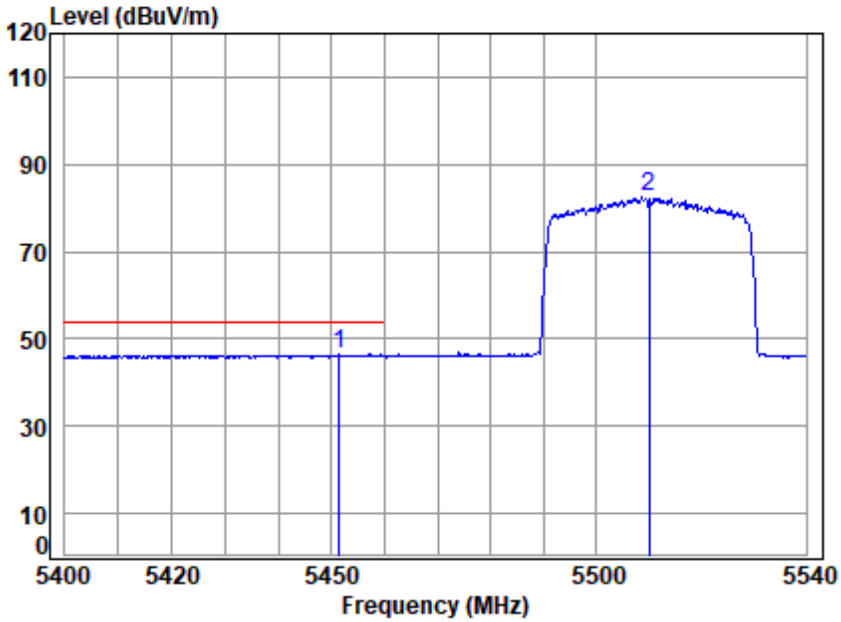



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5510 Band edge
: 5G Wi-Fi 11AX40

| | 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 | 5402.765 | 10.62 | 32.81 | 30.74 | 46.68 | 59.37 | 74.00 | -14.63 | peak |
| 2 | 5469.412 | 10.59 | 32.90 | 30.71 | 46.33 | 59.11 | 68.20 | -9.09 | peak |
| 3 pp | 5510.000 | 10.56 | 32.90 | 30.70 | 80.96 | 93.72 | 68.20 | 25.52 | peak |

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11ax_40M_TX_CH_102_Horizontal

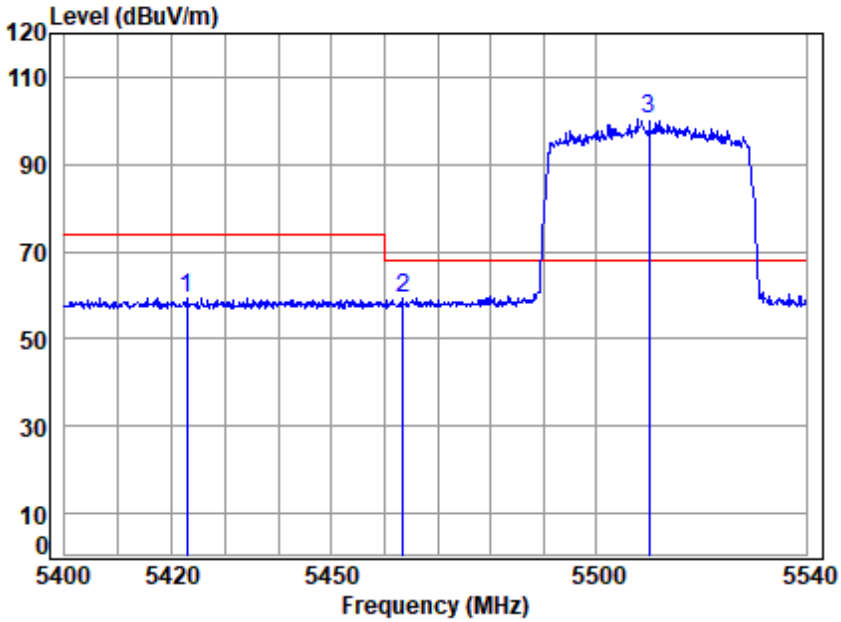



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5510 Band edge
: 5G Wi-Fi 11AX40

| | 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 pp | 5451.383 | 10.60 | 32.90 | 30.72 | 33.64 | 46.42 | 54.00 | -7.58 | Average |
| 2 | 5510.000 | 10.56 | 32.90 | 30.70 | 69.79 | 82.55 | ------ | ------ | Average |

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11ax_40M_TX_CH_102_Vertical

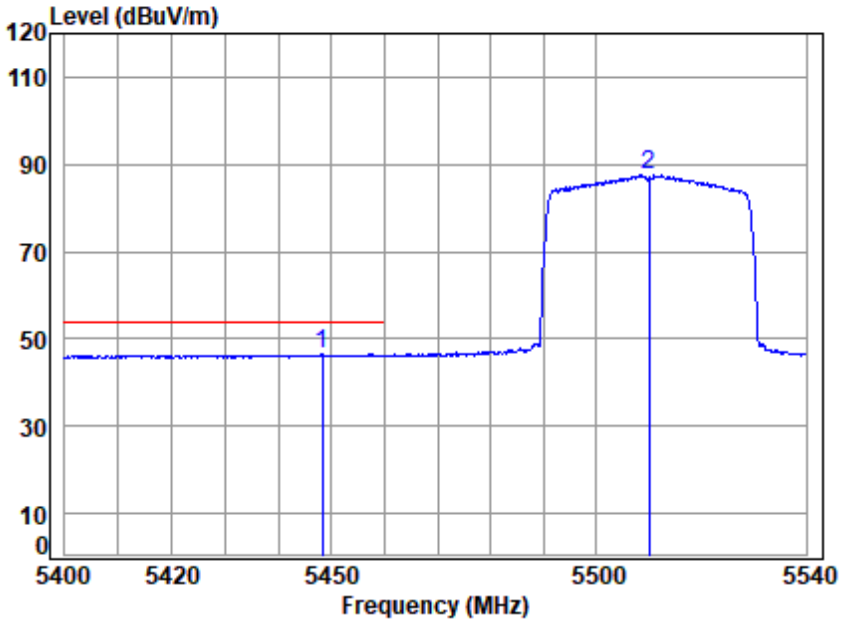



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5510 Band edge
: 5G Wi-Fi 11AX40

| | 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 | 5422.854 | 10.61 | 32.85 | 30.73 | 46.77 | 59.50 | 74.00 | -14.50 | peak |
| 2 | 5463.396 | 10.59 | 32.90 | 30.71 | 46.54 | 59.32 | 68.20 | -8.88 | peak |
| 3 pp | 5510.000 | 10.56 | 32.90 | 30.70 | 87.49 | 100.25 | 68.20 | 32.05 | peak |

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11ax_40M_TX_CH_102_Vertical

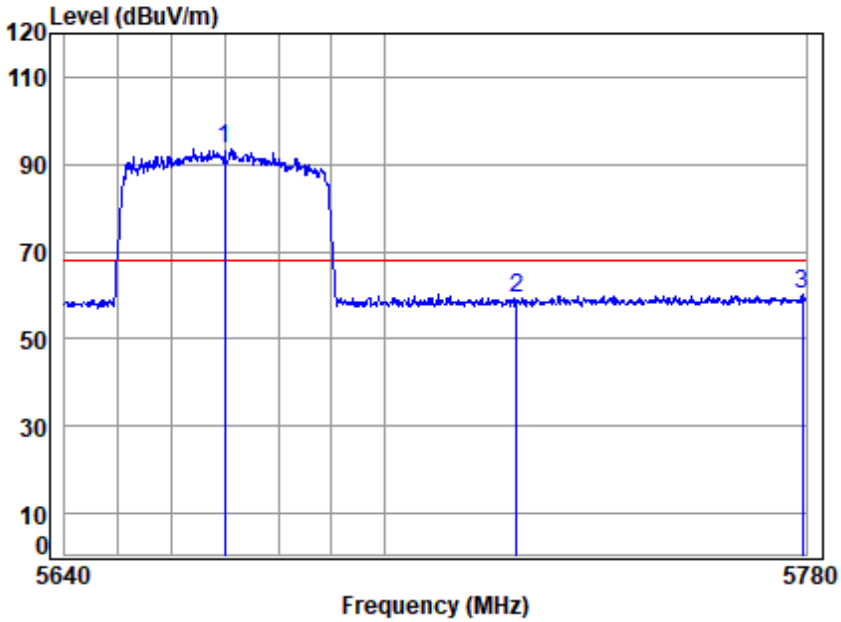



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5510 Band edge
: 5G Wi-Fi 11AX40

| | 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 pp | 5448.174 | 10.60 | 32.90 | 30.72 | 33.64 | 46.42 | 54.00 | -7.58 | Average |
| 2 | 5510.000 | 10.56 | 32.90 | 30.70 | 74.79 | 87.55 | ------ | ------ | Average |

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11ax_40M_TX_CH_134_Horizontal

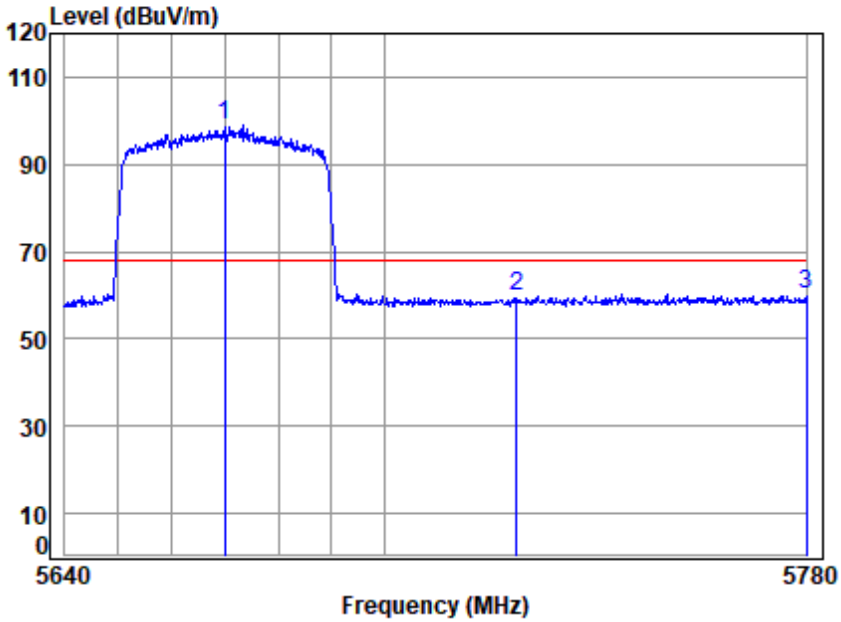



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5670 Band edge
: 5G Wi-Fi 11AX40

| | 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 pp | 5670.000 | 10.52 | 33.14 | 30.63 | 80.58 | 93.61 | 68.20 | 25.41 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 45.93 | 59.25 | 68.20 | -8.95 | peak |
| 3 | 5779.292 | 10.93 | 33.36 | 30.59 | 46.37 | 60.07 | 68.20 | -8.13 | peak |

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11ax_40M_TX_CH_134_Vertical

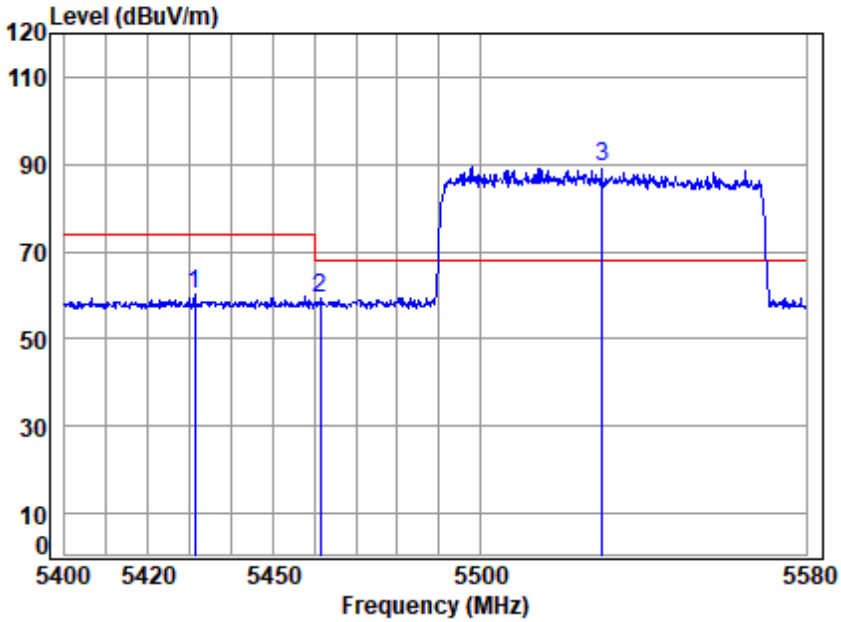



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5670 Band edge
: 5G Wi-Fi 11AX40

| | 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 pp | 5670.000 | 10.52 | 33.14 | 30.63 | 85.87 | 98.90 | 68.20 | 30.70 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.45 | 59.77 | 68.20 | -8.43 | peak |
| 3 | 5780.000 | 10.93 | 33.36 | 30.59 | 46.48 | 60.18 | 68.20 | -8.02 | peak |

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11ax_80M_TX_CH_106_Horizontal

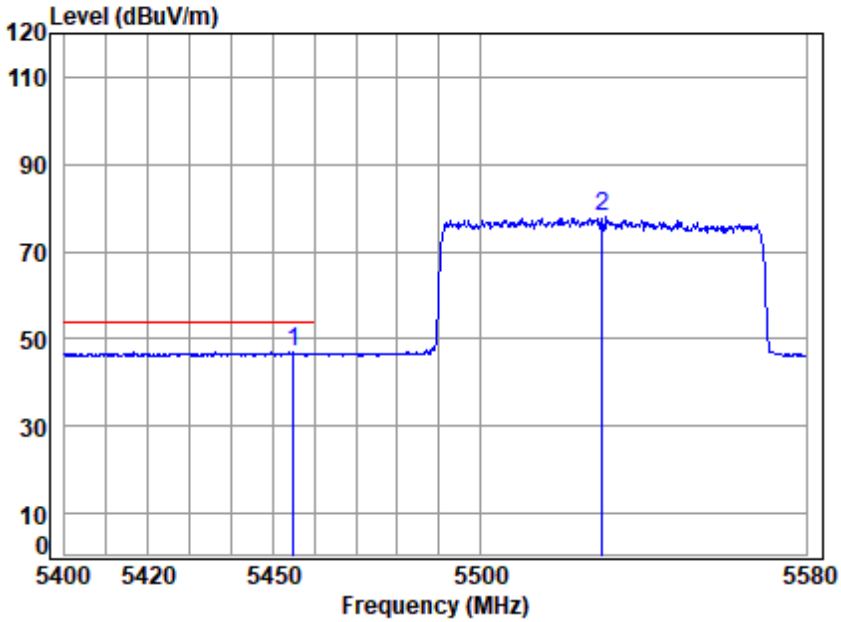



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5530 Band edge
: 5G Wi-Fi 11AX80

| | 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 | 5431.076 | 10.61 | 32.86 | 30.73 | 47.40 | 60.14 | 74.00 | -13.86 | peak |
| 2 | 5461.434 | 10.60 | 32.90 | 30.72 | 46.56 | 59.34 | 68.20 | -8.86 | peak |
| 3 pp | 5530.000 | 10.53 | 32.90 | 30.69 | 76.47 | 89.21 | 68.20 | 21.01 | peak |

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11ax_80M_TX_CH_106_Horizontal

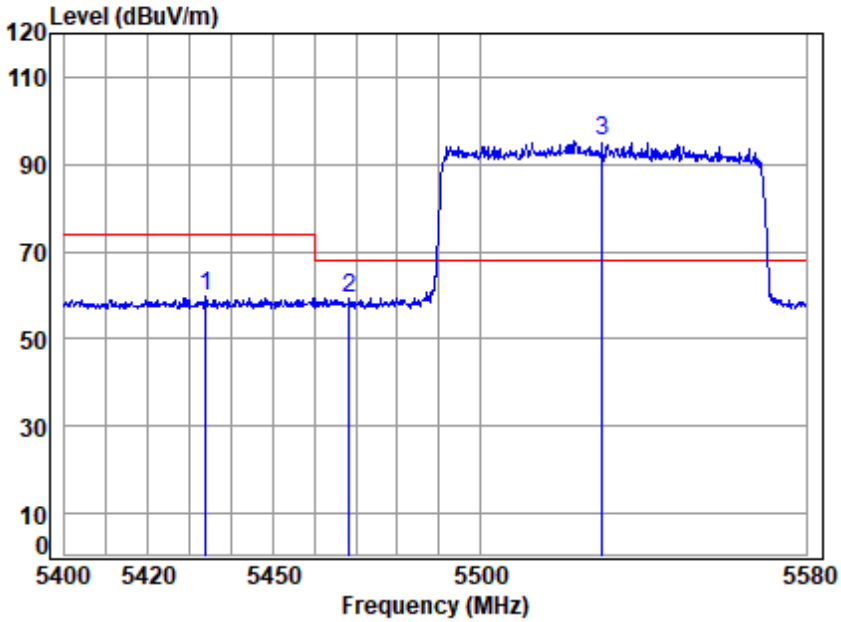



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5530 Band edge
: 5G Wi-Fi 11AX80

| | 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 pp | 5454.991 | 10.60 | 32.90 | 30.72 | 34.11 | 46.89 | 54.00 | -7.11 | Average |
| 2 | 5530.000 | 10.53 | 32.90 | 30.69 | 65.10 | 77.84 | ------ | ------ | Average |

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11ax_80M_TX_CH_106_Vertical

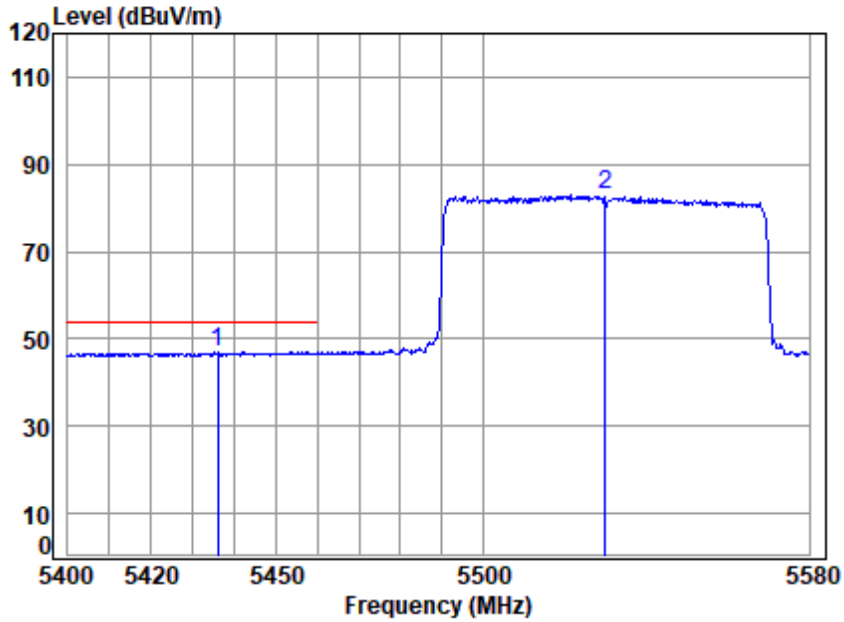



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5530 Band edge
: 5G Wi-Fi 11AX80

| | 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 | 5433.748 | 10.61 | 32.87 | 30.73 | 46.81 | 59.56 | 74.00 | -14.44 | peak |
| 2 | 5468.423 | 10.59 | 32.90 | 30.71 | 46.68 | 59.46 | 68.20 | -8.74 | peak |
| 3 pp | 5530.000 | 10.53 | 32.90 | 30.69 | 82.50 | 95.24 | 68.20 | 27.04 | peak |

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11ax_80M_TX_CH_106_Vertical

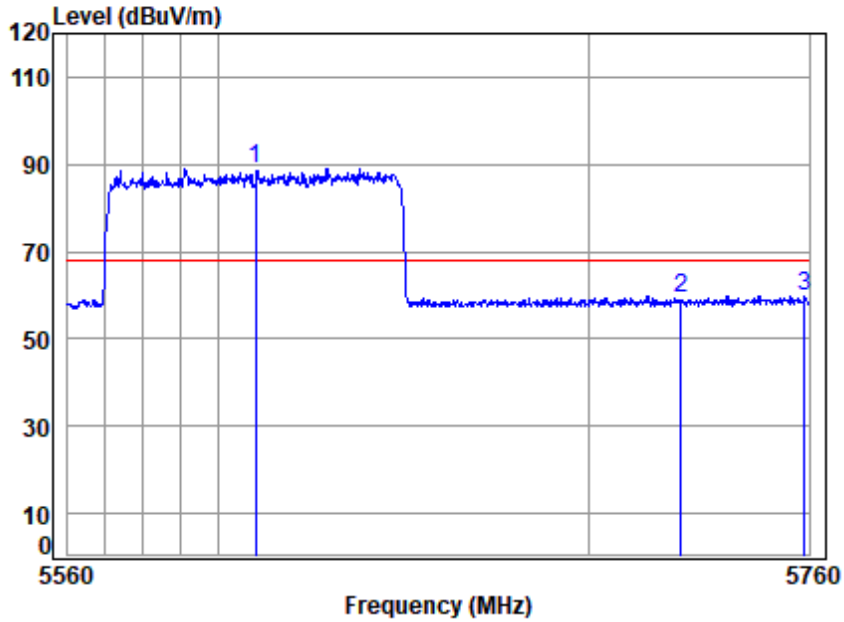



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5530 Band edge
: 5G Wi-Fi 11AX80

| | 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 pp | 5435.886 | 10.61 | 32.87 | 30.73 | 34.12 | 46.87 | 54.00 | -7.13 | Average |
| 2 | 5530.000 | 10.53 | 32.90 | 30.69 | 70.30 | 83.04 | ------ | ------ | Average |

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11ax_80M_TX_CH_122_Horizontal

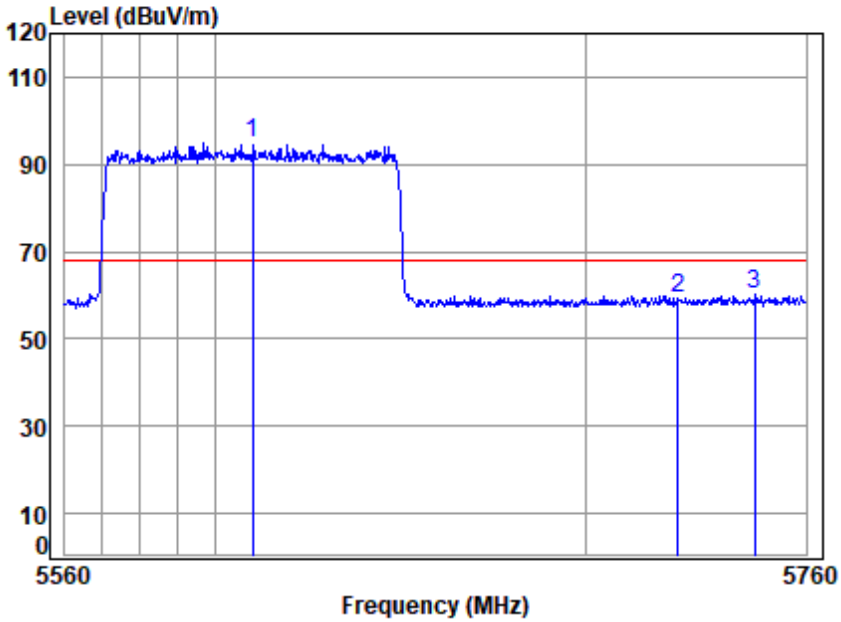



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5610 Band edge
: 5G Wi-Fi 11AX80

| | 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 pp | 5610.000 | 10.43 | 33.02 | 30.66 | 76.33 | 89.12 | 68.20 | 20.92 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.22 | 59.54 | 68.20 | -8.66 | peak |
| 3 | 5758.779 | 10.83 | 33.32 | 30.60 | 46.43 | 59.98 | 68.20 | -8.22 | peak |

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11ax_80M_TX_CH_122_Vertical

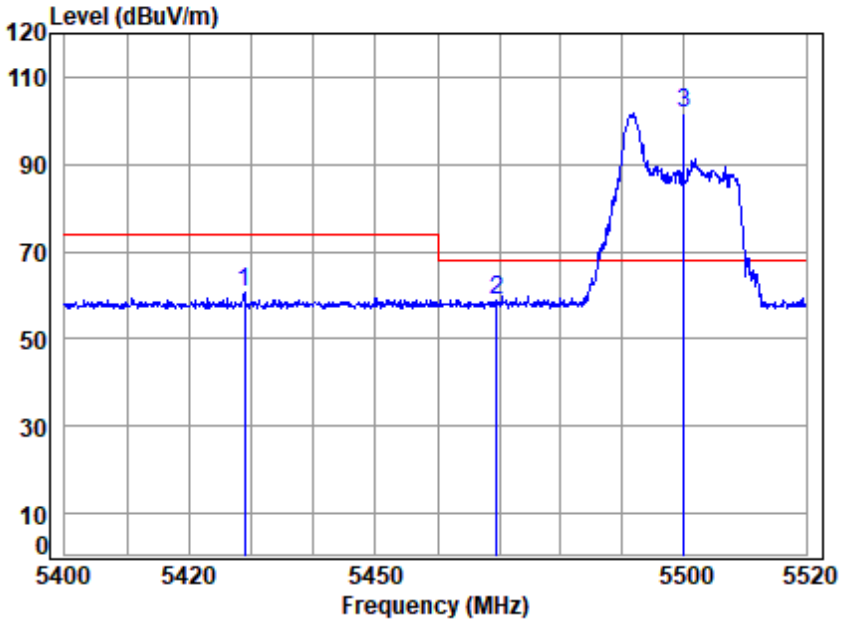



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5610 Band edge
: 5G Wi-Fi 11AX80

| | 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 pp | 5610.000 | 10.43 | 33.02 | 30.66 | 81.92 | 94.71 | 68.20 | 26.51 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.19 | 59.51 | 68.20 | -8.69 | peak |
| 3 | 5745.972 | 10.77 | 33.29 | 30.60 | 46.57 | 60.03 | 68.20 | -8.17 | peak |

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11ax_20M_Partial_RU26_TX_CH_100_Horizontal

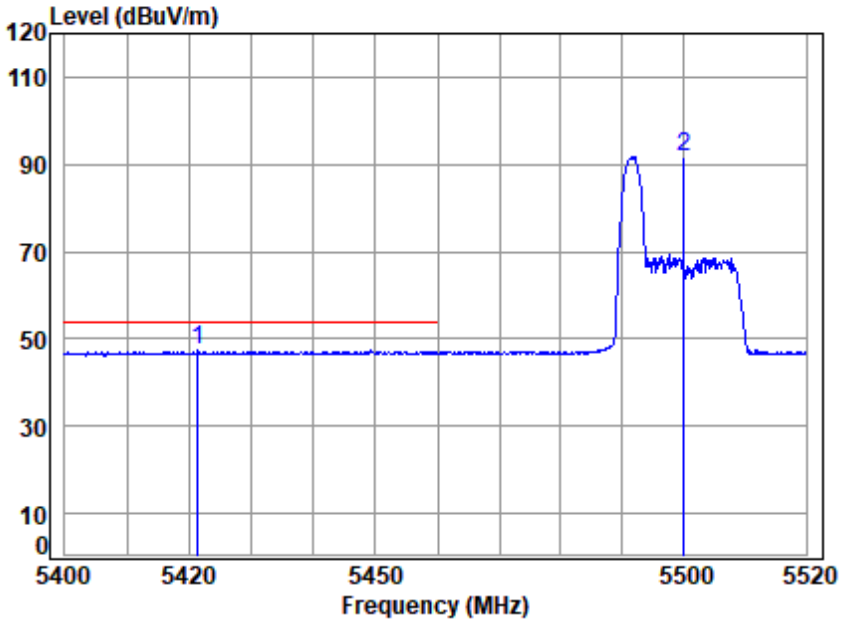



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20 RU26

| | 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 | 5428.918 | 10.61 | 32.86 | 30.73 | 48.01 | 60.75 | 74.00 | -13.25 | peak |
| 2 | 5469.519 | 10.59 | 32.90 | 30.71 | 46.20 | 58.98 | 68.20 | -9.22 | peak |
| 3 pp | 5500.000 | 10.58 | 32.90 | 30.70 | 88.87 | 101.65 | 68.20 | 33.45 | peak |

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11ax_20M_Partial_RU26_TX_CH_100_Horizontal

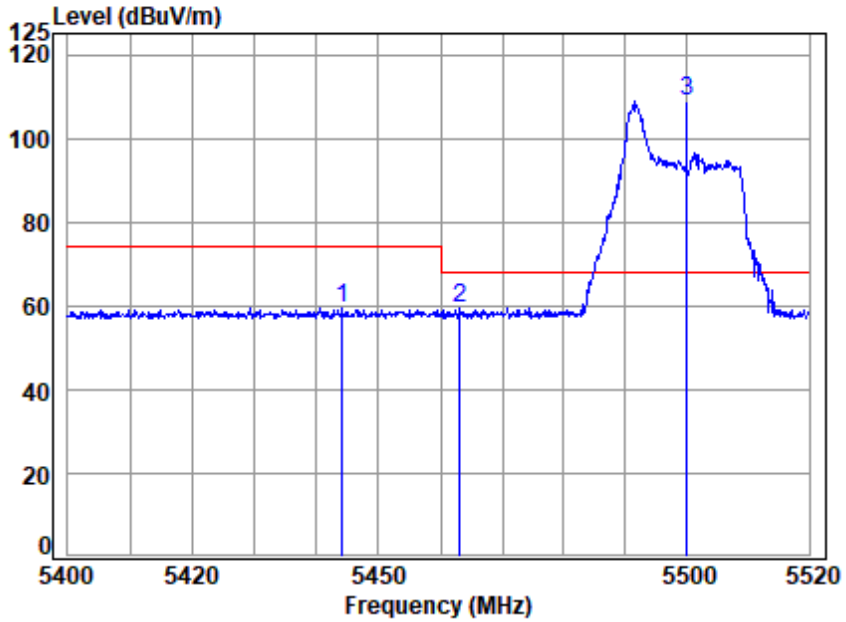



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20 RU26

| | 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 pp | 5421.287 | 10.61 | 32.84 | 30.73 | 34.71 | 47.43 | 54.00 | -6.57 | Average |
| 2 | 5500.000 | 10.58 | 32.90 | 30.70 | 78.86 | 91.64 | ------ | ------ | Average |

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11ax_20M_Partial_RU26_TX_CH_100_Vertical

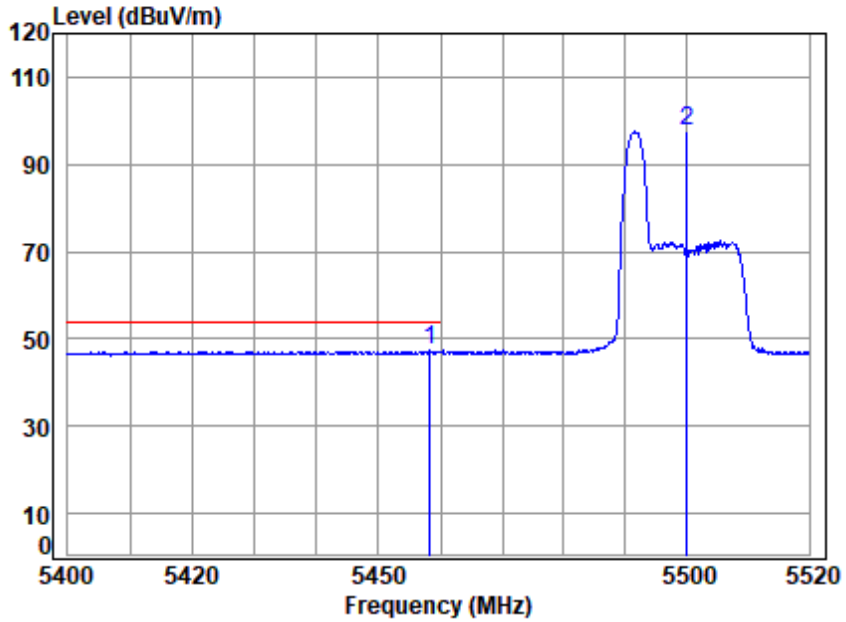



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20 RU26

| | 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 | 5444.093 | 10.60 | 32.89 | 30.72 | 46.66 | 59.43 | 74.00 | -14.57 | peak |
| 2 | 5463.151 | 10.59 | 32.90 | 30.71 | 46.42 | 59.20 | 68.20 | -9.00 | peak |
| 3 pp | 5500.000 | 10.58 | 32.90 | 30.70 | 95.86 | 108.64 | 68.20 | 40.44 | peak |

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11ax_20M_Partial_RU26_TX_CH_100_Vertical

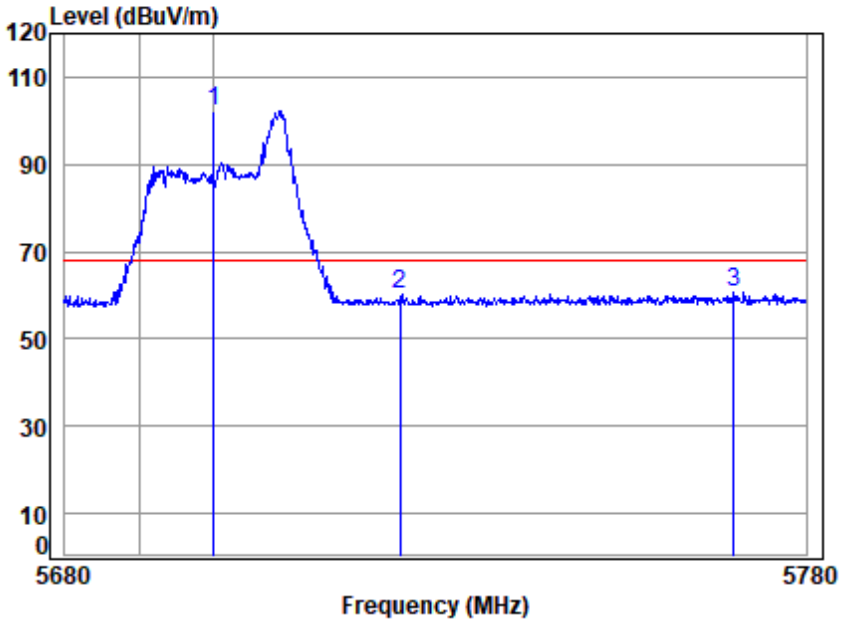



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20 RU26

| | 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 pp | 5458.230 | 10.60 | 32.90 | 30.72 | 34.52 | 47.30 | 54.00 | -6.70 | Average |
| 2 | 5500.000 | 10.58 | 32.90 | 30.70 | 84.95 | 97.73 | ------ | ------ | Average |

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11ax_20M_Partial_RU26_TX_CH_140_Horizontal

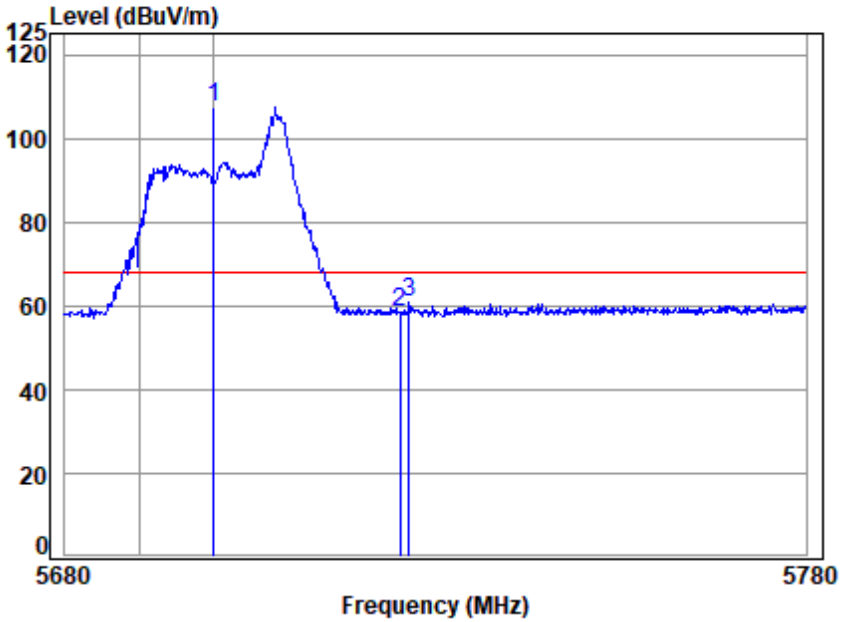



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5700 Band edge
: 5G Wi-Fi 11AX20 RU26

| | 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 pp | 5700.000 | 10.56 | 33.20 | 30.62 | 88.95 | 102.09 | 68.20 | 33.89 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.89 | 60.21 | 68.20 | -7.99 | peak |
| 3 | 5770.123 | 10.88 | 33.34 | 30.59 | 47.28 | 60.91 | 68.20 | -7.29 | peak |

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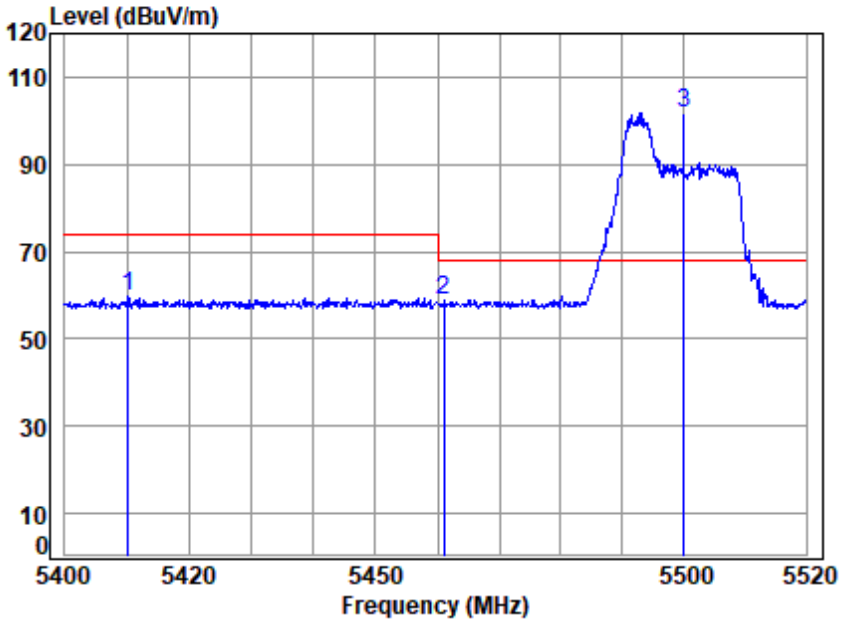



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5700 Band edge
: 5G Wi-Fi 11AX20 RU26

| | 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 pp | 5700.000 | 10.56 | 33.20 | 30.62 | 94.23 | 107.37 | 68.20 | 39.17 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 45.33 | 58.65 | 68.20 | -9.55 | peak |
| 3 | 5726.183 | 10.68 | 33.25 | 30.61 | 47.33 | 60.65 | 68.20 | -7.55 | peak |

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11ax_20M_Partial_RU52_TX_CH_100_Horizontal

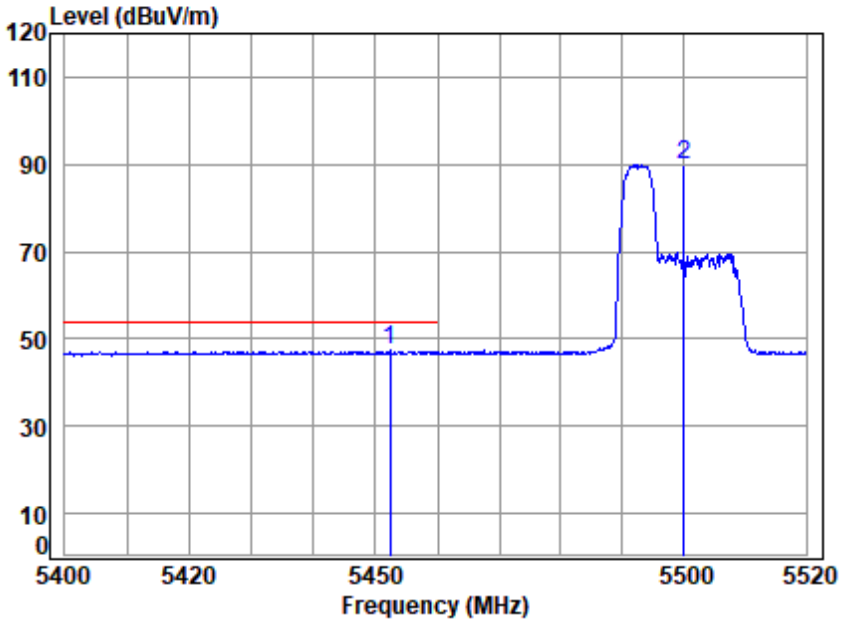



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20 RU52

| | 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 | 5410.217 | 10.62 | 32.82 | 30.74 | 46.85 | 59.55 | 74.00 | -14.45 | peak |
| 2 | 5460.990 | 10.60 | 32.90 | 30.72 | 46.13 | 58.91 | 68.20 | -9.29 | peak |
| 3 pp | 5500.000 | 10.58 | 32.90 | 30.70 | 89.11 | 101.89 | 68.20 | 33.69 | peak |

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11ax_20M_Partial_RU52_TX_CH_100_Horizontal

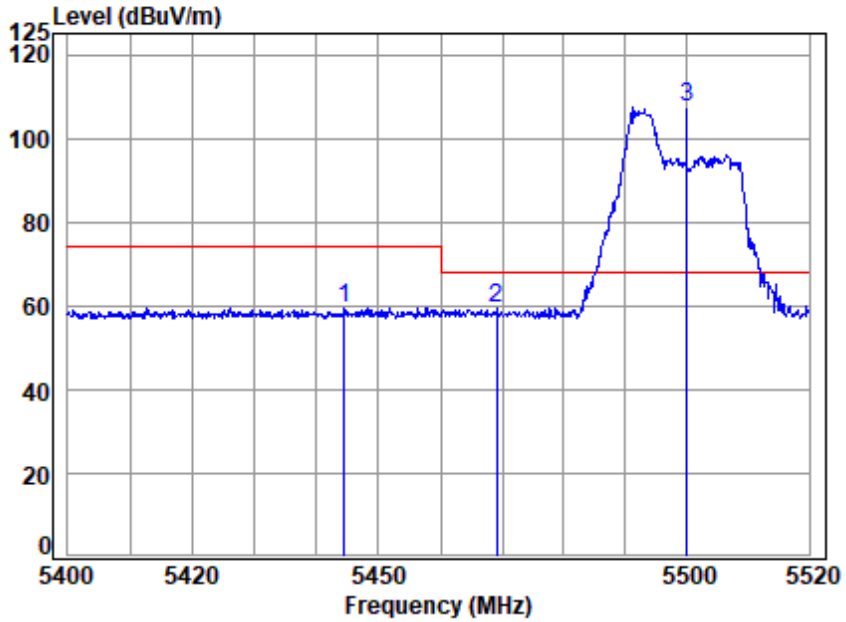



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20 RU52

| | 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 pp | 5452.355 | 10.60 | 32.90 | 30.72 | 34.53 | 47.31 | 54.00 | -6.69 | Average |
| 2 | 5500.000 | 10.58 | 32.90 | 30.70 | 77.15 | 89.93 | ------ | ------ | Average |

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11ax_20M_Partial_RU52_TX_CH_100_Vertical

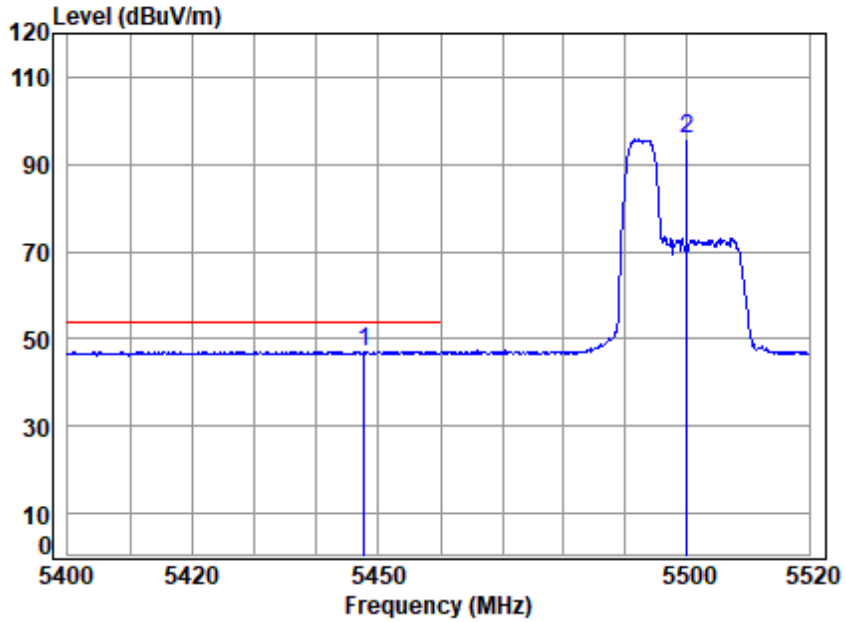



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20 RU52

| | 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 | 5444.452 | 10.60 | 32.89 | 30.72 | 46.73 | 59.50 | 74.00 | -14.50 | peak |
| 2 | 5469.158 | 10.59 | 32.90 | 30.71 | 46.56 | 59.34 | 68.20 | -8.86 | peak |
| 3 pp | 5500.000 | 10.58 | 32.90 | 30.70 | 94.73 | 107.51 | 68.20 | 39.31 | peak |

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11ax_20M_Partial_RU52_TX_CH_100_Vertical

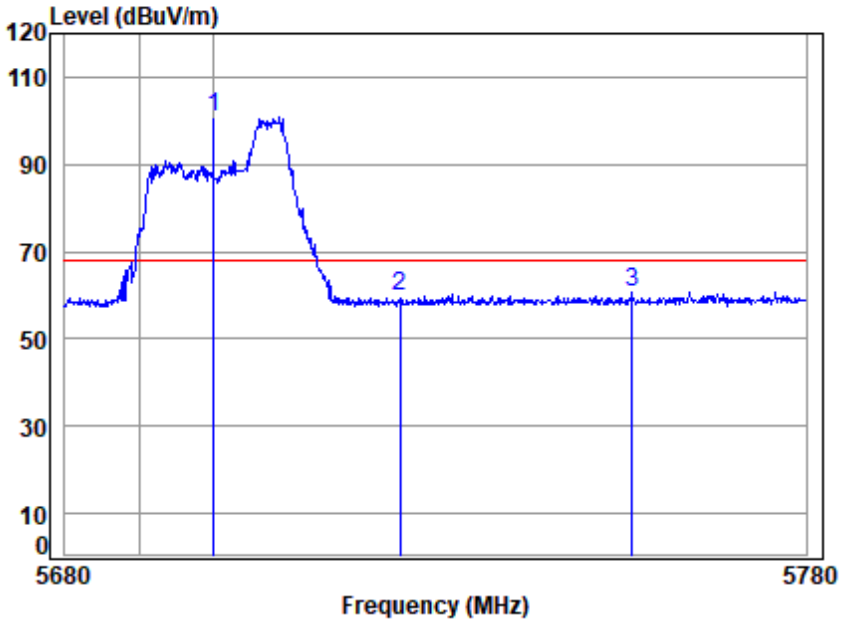



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20 RU52

| | 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 pp | 5447.684 | 10.60 | 32.90 | 30.72 | 34.43 | 47.21 | 54.00 | -6.79 | Average |
| 2 | 5500.000 | 10.58 | 32.90 | 30.70 | 82.91 | 95.69 | ------ | ------ | Average |

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11ax_20M_Partial_RU52_TX_CH_140_Horizontal

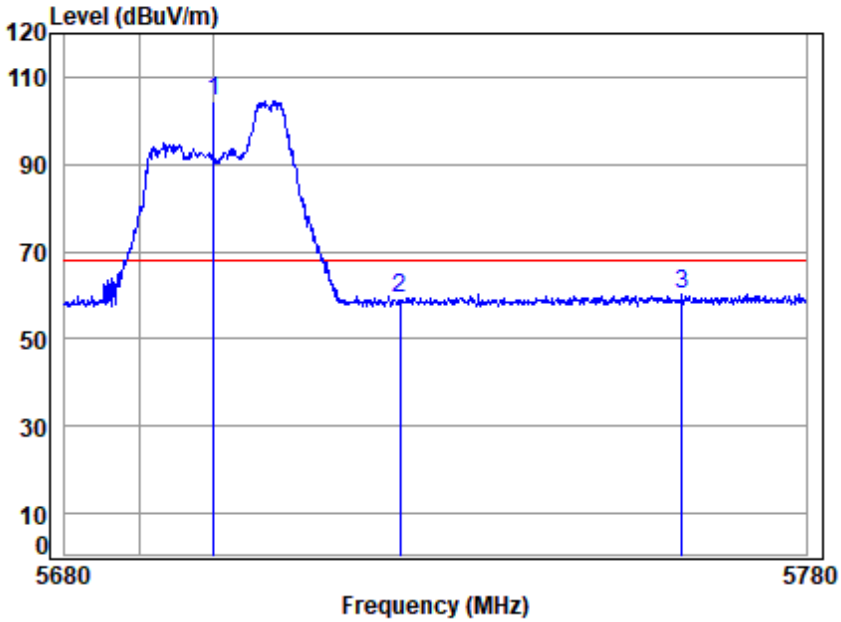



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5700 Band edge
: 5G Wi-Fi 11AX20 RU52

| | 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 pp | 5700.000 | 10.56 | 33.20 | 30.62 | 87.62 | 100.76 | 68.20 | 32.56 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.55 | 59.87 | 68.20 | -8.33 | peak |
| 3 | 5756.343 | 10.82 | 33.31 | 30.60 | 47.31 | 60.84 | 68.20 | -7.36 | peak |

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11ax_20M_Partial_RU52_TX_CH_140_Vertical

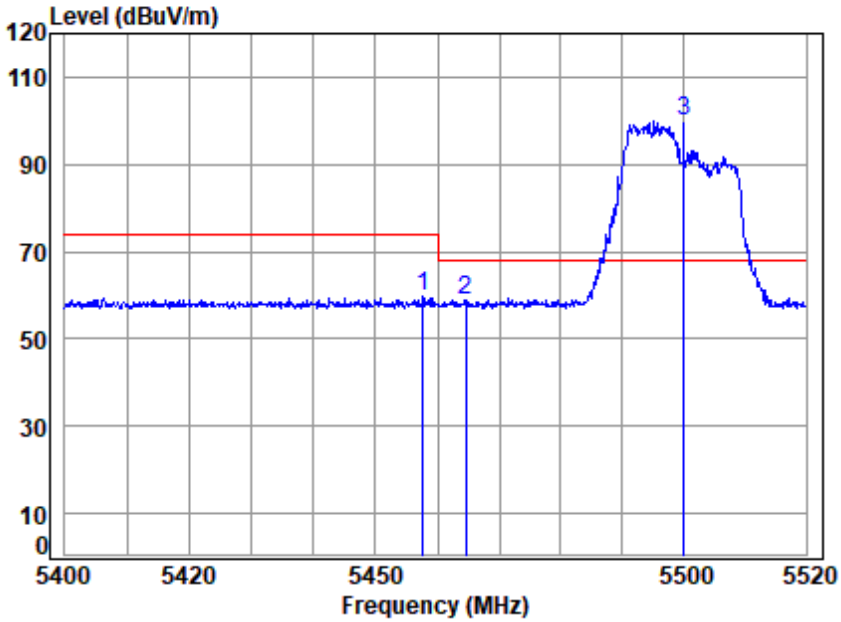



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5700 Band edge
: 5G Wi-Fi 11AX20 RU52

| | 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 pp | 5700.000 | 10.56 | 33.20 | 30.62 | 91.37 | 104.51 | 68.20 | 36.31 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.11 | 59.43 | 68.20 | -8.77 | peak |
| 3 | 5763.178 | 10.85 | 33.33 | 30.59 | 46.71 | 60.30 | 68.20 | -7.90 | peak |

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11ax_20M_Partial_RU106_TX_CH_100_Horizontal

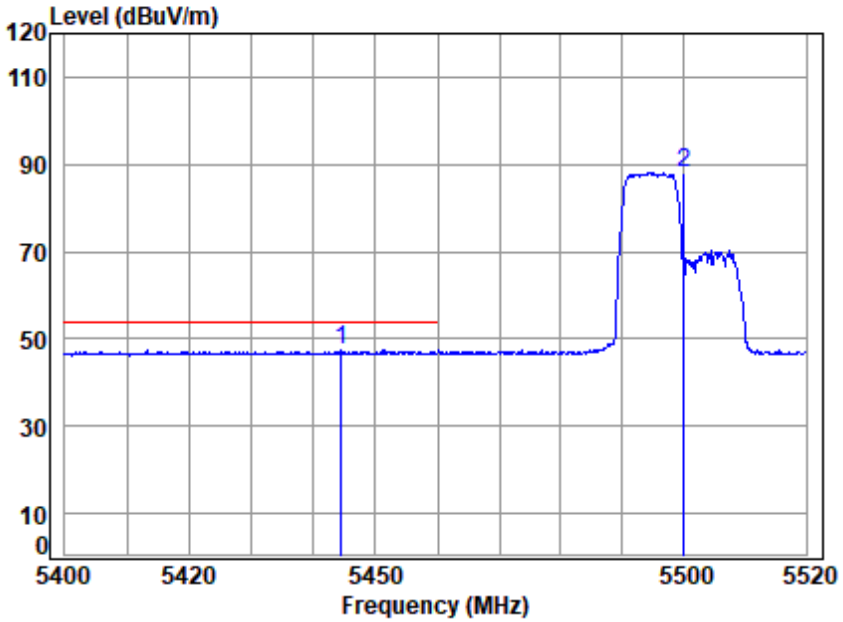



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20 RU106

| | 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 | 5457.631 | 10.60 | 32.90 | 30.72 | 47.03 | 59.81 | 74.00 | -14.19 | peak |
| 2 | 5464.592 | 10.59 | 32.90 | 30.71 | 46.24 | 59.02 | 68.20 | -9.18 | peak |
| 3 pp | 5500.000 | 10.58 | 32.90 | 30.70 | 87.23 | 100.01 | 68.20 | 31.81 | peak |

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11ax_20M_Partial_RU106_TX_CH_100_Horizontal

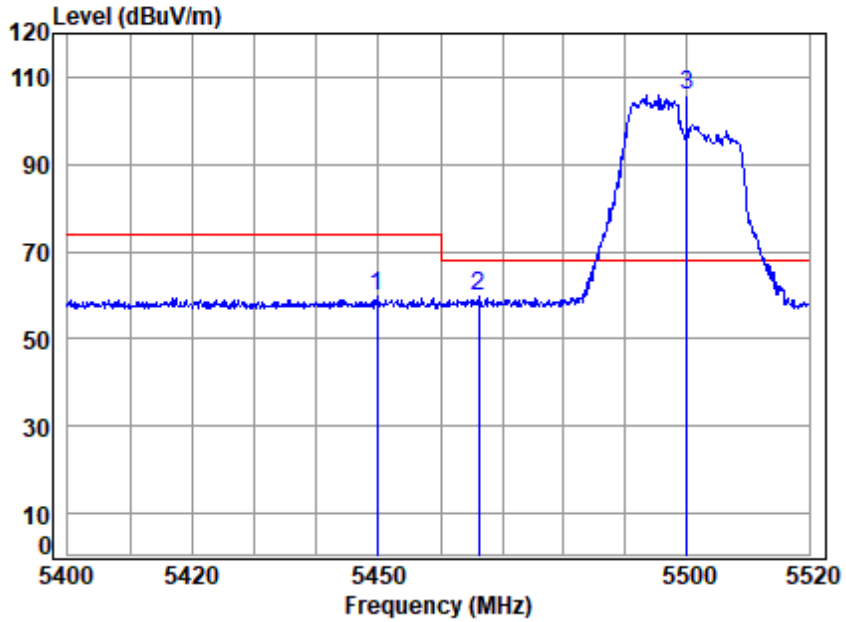



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20 RU106

| | 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 pp | 5444.452 | 10.60 | 32.89 | 30.72 | 34.74 | 47.51 | 54.00 | -6.49 | Average |
| 2 | 5500.000 | 10.58 | 32.90 | 30.70 | 75.44 | 88.22 | ------ | ------ | Average |

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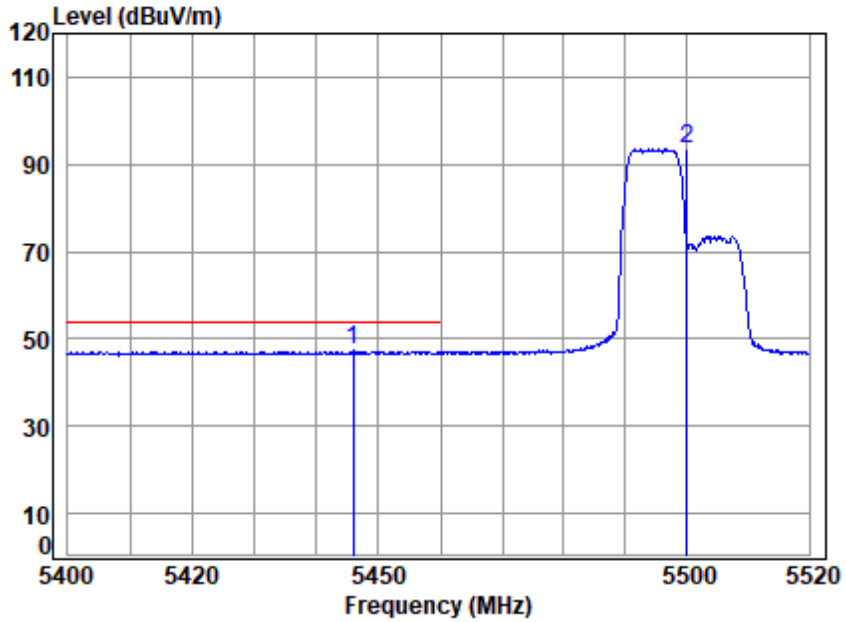



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20 RU106

| | 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 | 5449.839 | 10.60 | 32.90 | 30.72 | 46.96 | 59.74 | 74.00 | -14.26 | peak |
| 2 | 5466.274 | 10.59 | 32.90 | 30.71 | 47.09 | 59.87 | 68.20 | -8.33 | peak |
| 3 pp | 5500.000 | 10.58 | 32.90 | 30.70 | 93.10 | 105.88 | 68.20 | 37.68 | peak |

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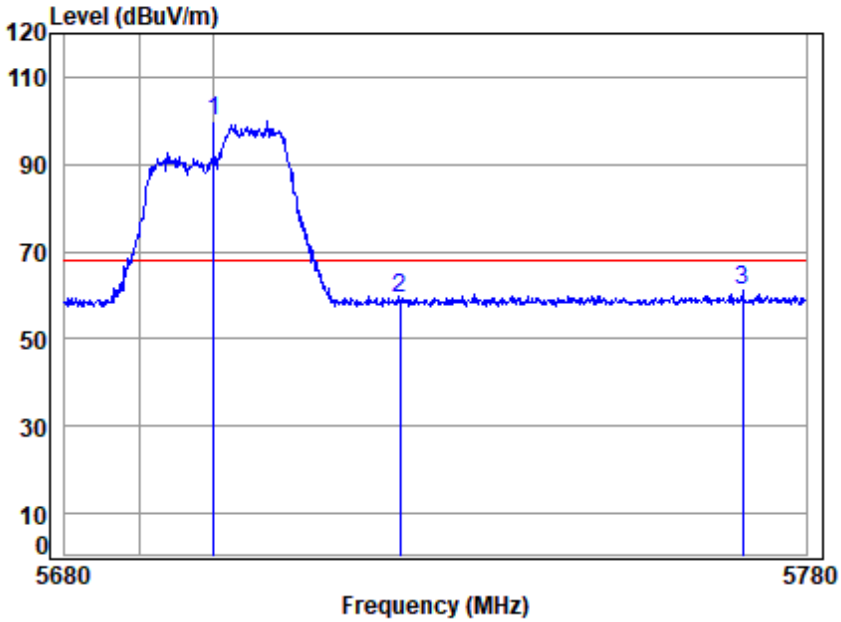



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5500 Band edge
: 5G Wi-Fi 11AX20 RU106

| | 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 pp | 5445.888 | 10.60 | 32.89 | 30.72 | 34.63 | 47.40 | 54.00 | -6.60 | Average |
| 2 | 5500.000 | 10.58 | 32.90 | 30.70 | 80.72 | 93.50 | ------ | ------ | Average |

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11ax_20M_Partial_RU106_TX_CH_140_Horizontal

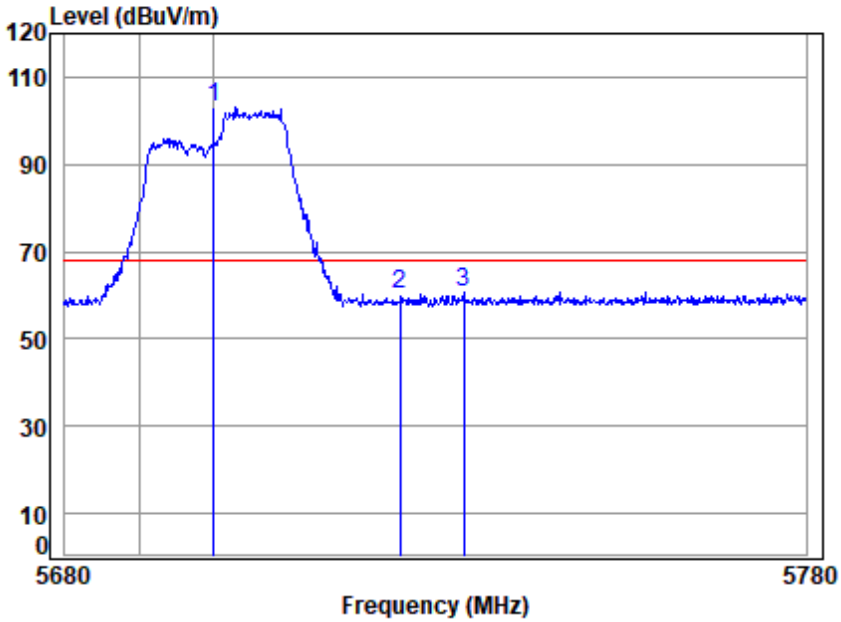



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5700 Band edge
: 5G Wi-Fi 11AX20 RU106

| | 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 pp | 5700.000 | 10.56 | 33.20 | 30.62 | 86.92 | 100.06 | 68.20 | 31.86 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.19 | 59.51 | 68.20 | -8.69 | peak |
| 3 | 5771.331 | 10.89 | 33.34 | 30.59 | 47.67 | 61.31 | 68.20 | -6.89 | peak |

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11ax_20M_Partial_RU106_TX_CH_140_Vertical

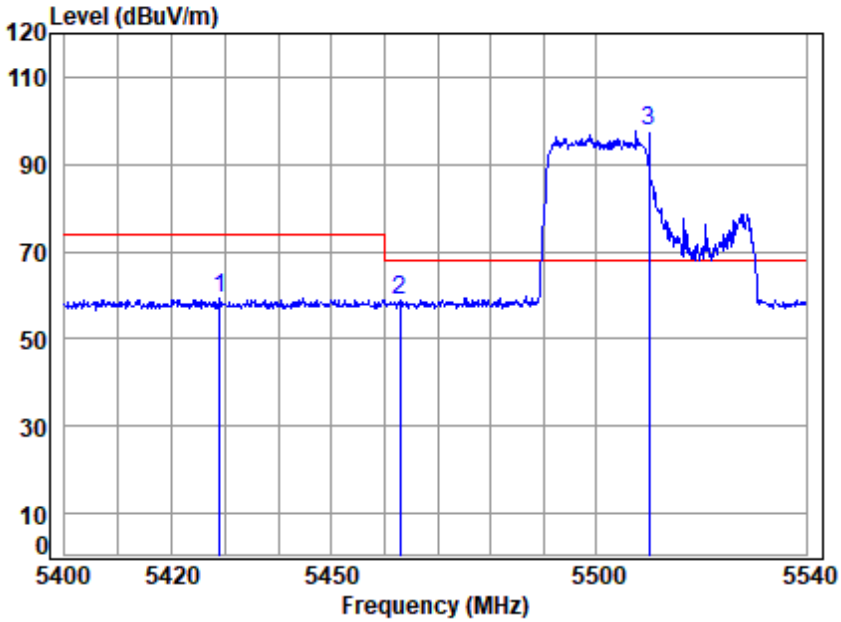



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5700 Band edge
: 5G Wi-Fi 11AX20 RU106

| | 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 pp | 5700.000 | 10.56 | 33.20 | 30.62 | 89.81 | 102.95 | 68.20 | 34.75 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.87 | 60.19 | 68.20 | -8.01 | peak |
| 3 | 5733.583 | 10.72 | 33.27 | 30.61 | 47.23 | 60.61 | 68.20 | -7.59 | peak |

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11ax_40M_Partial_RU242_TX_CH_102_Horizontal

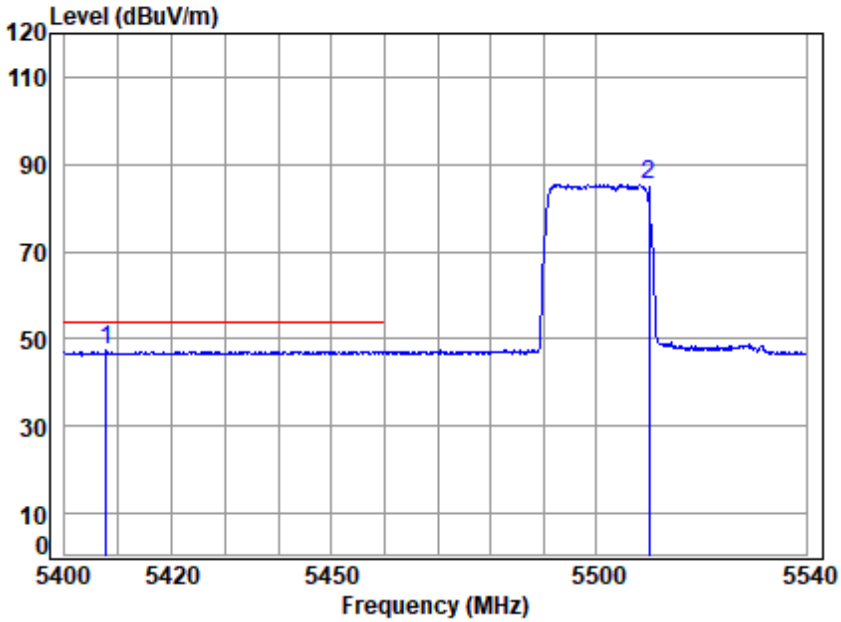



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5510 Band edge
: 5G Wi-Fi 11AX40 RU242

| | 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 | 5428.964 | 10.61 | 32.86 | 30.73 | 46.40 | 59.14 | 74.00 | -14.86 | peak |
| 2 | 5462.836 | 10.59 | 32.90 | 30.71 | 46.14 | 58.92 | 68.20 | -9.28 | peak |
| 3 pp | 5510.000 | 10.56 | 32.90 | 30.70 | 84.89 | 97.65 | 68.20 | 29.45 | peak |

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11ax_40M_Partial_RU242_TX_CH_102_Horizontal

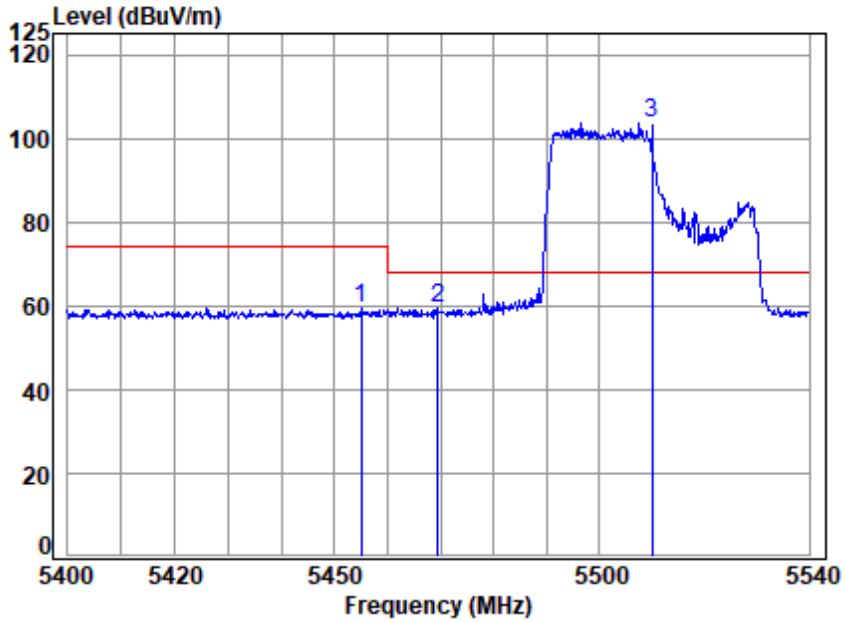



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5510 Band edge
: 5G Wi-Fi 11AX40 RU242

| | 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 pp | 5407.746 | 10.62 | 32.82 | 30.74 | 34.64 | 47.34 | 54.00 | -6.66 | Average |
| 2 | 5510.000 | 10.56 | 32.90 | 30.70 | 72.72 | 85.48 | ------ | ------ | Average |

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11ax_40M_Partial_RU242_TX_CH_102_Vertical

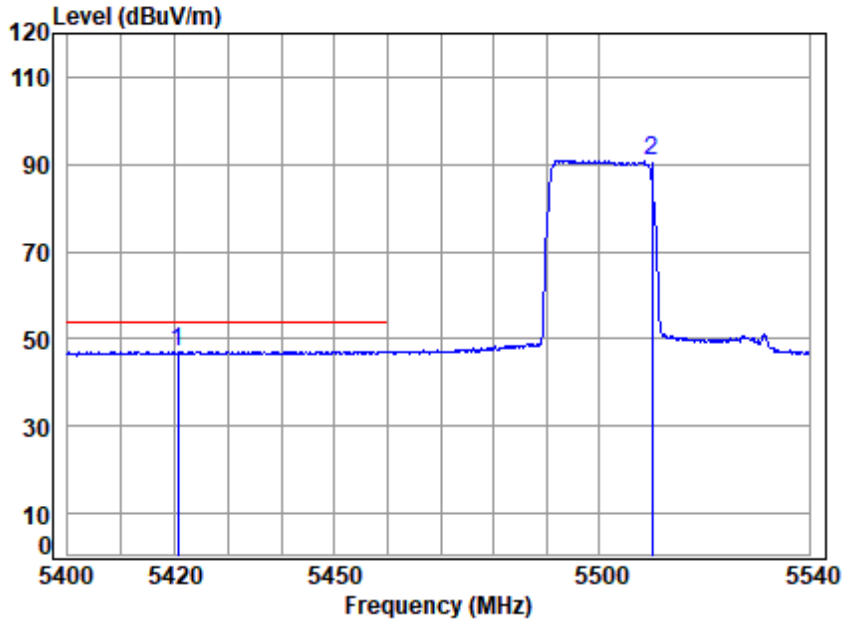



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5510 Band edge
: 5G Wi-Fi 11AX40 RU242

| | 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 | 5455.012 | 10.60 | 32.90 | 30.72 | 46.67 | 59.45 | 74.00 | -14.55 | peak |
| 2 | 5469.552 | 10.59 | 32.90 | 30.71 | 46.43 | 59.21 | 68.20 | -8.99 | peak |
| 3 pp | 5510.000 | 10.56 | 32.90 | 30.70 | 90.78 | 103.54 | 68.20 | 35.34 | peak |

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11ax_40M_Partial_RU242_TX_CH_102_Vertical

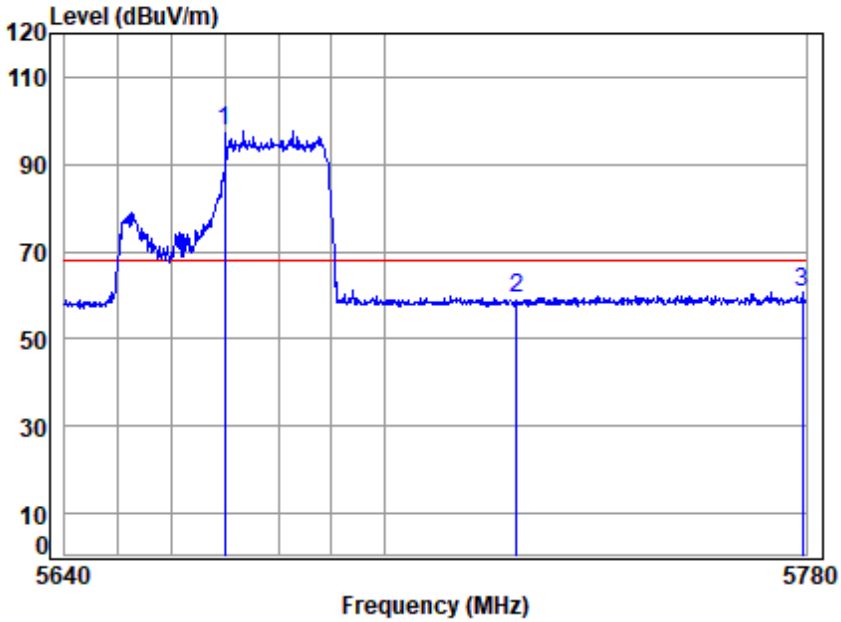



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5510 Band edge
: 5G Wi-Fi 11AX40 RU242

| | 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 pp | 5420.495 | 10.61 | 32.84 | 30.73 | 34.44 | 47.16 | 54.00 | -6.84 | Average |
| 2 | 5510.000 | 10.56 | 32.90 | 30.70 | 78.22 | 90.98 | ------ | ------ | Average |

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11ax_40M_Partial_RU242_TX_CH_134_Horizontal

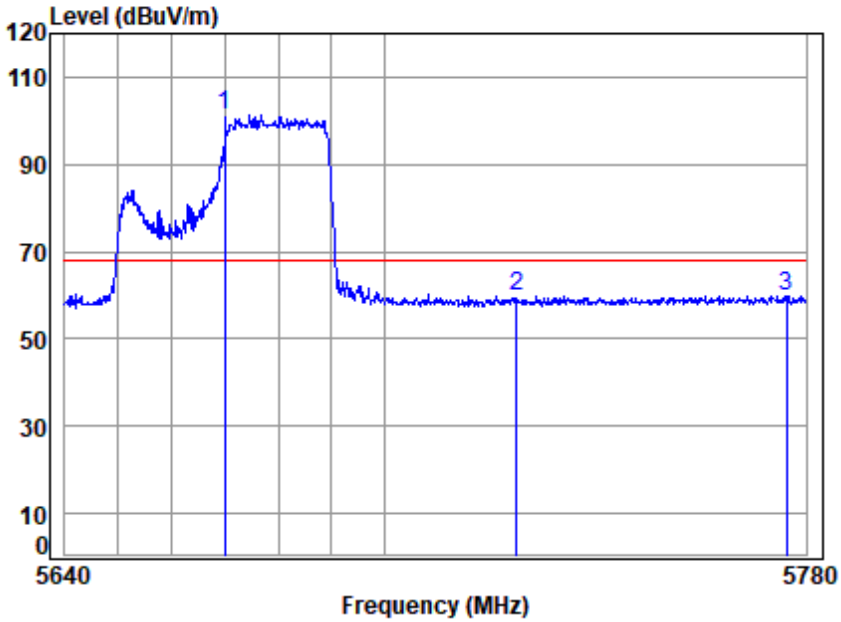



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5670 Band edge
: 5G Wi-Fi 11AX40 RU242

| | 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 pp | 5670.000 | 10.52 | 33.14 | 30.63 | 84.51 | 97.54 | 68.20 | 29.34 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.17 | 59.49 | 68.20 | -8.71 | peak |
| 3 | 5779.292 | 10.93 | 33.36 | 30.59 | 46.99 | 60.69 | 68.20 | -7.51 | peak |

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11ax_40M_Partial_RU242_TX_CH_134_Vertical

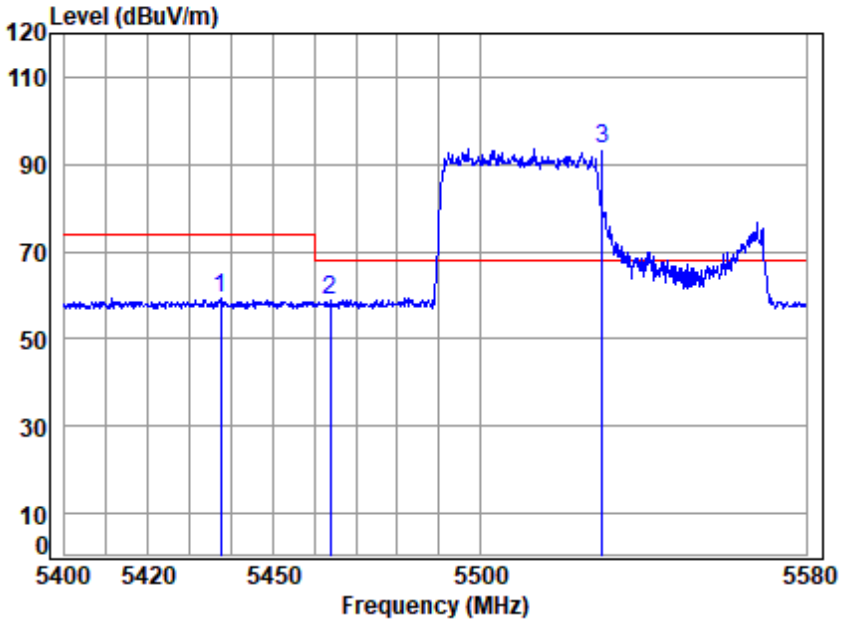



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5670 Band edge
: 5G Wi-Fi 11AX40 RU242

| | 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 pp | 5670.000 | 10.52 | 33.14 | 30.63 | 88.13 | 101.16 | 68.20 | 32.96 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.33 | 59.65 | 68.20 | -8.55 | peak |
| 3 | 5776.175 | 10.91 | 33.35 | 30.59 | 46.31 | 59.98 | 68.20 | -8.22 | peak |

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11ax_80M_Partial_RU484_TX_CH_106_Horizontal

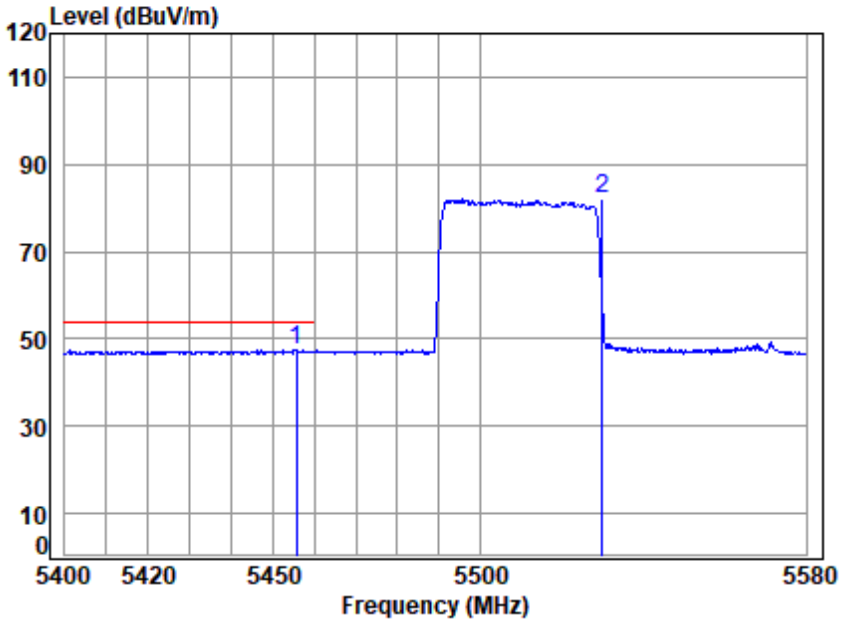



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5530 Band edge
: 5G Wi-Fi 11AX80 RU484

| | 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 | 5437.312 | 10.60 | 32.87 | 30.73 | 46.77 | 59.51 | 74.00 | -14.49 | peak |
| 2 | 5463.763 | 10.59 | 32.90 | 30.71 | 46.15 | 58.93 | 68.20 | -9.27 | peak |
| 3 pp | 5530.000 | 10.53 | 32.90 | 30.69 | 80.99 | 93.73 | 68.20 | 25.53 | peak |

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11ax_80M_Partial_RU484_TX_CH_106_Horizontal

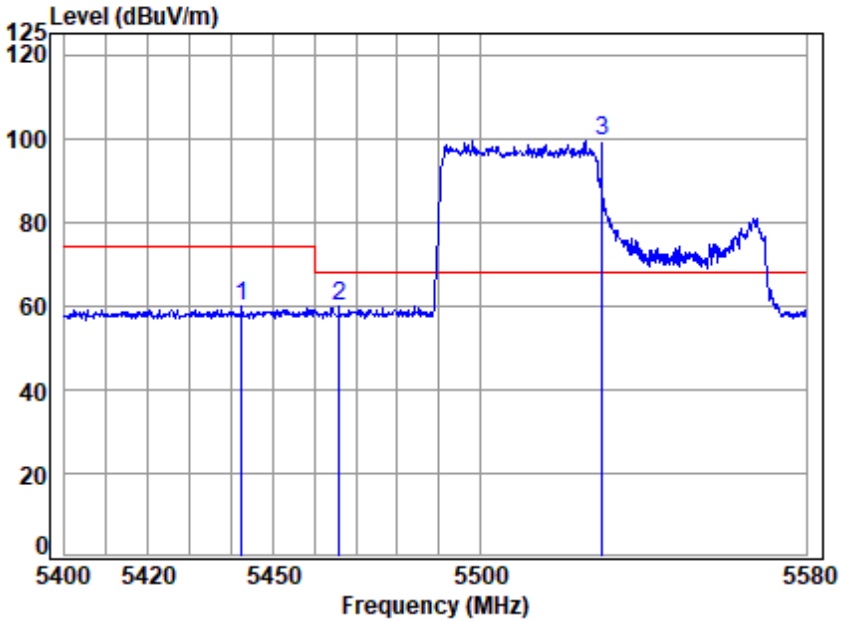



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5530 Band edge
: 5G Wi-Fi 11AX80 RU484

| | 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 pp | 5455.528 | 10.60 | 32.90 | 30.72 | 34.63 | 47.41 | 54.00 | -6.59 | Average |
| 2 | 5530.000 | 10.53 | 32.90 | 30.69 | 69.21 | 81.95 | ------ | ------ | Average |

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11ax_80M_Partial_RU484_TX_CH_106_Vertical

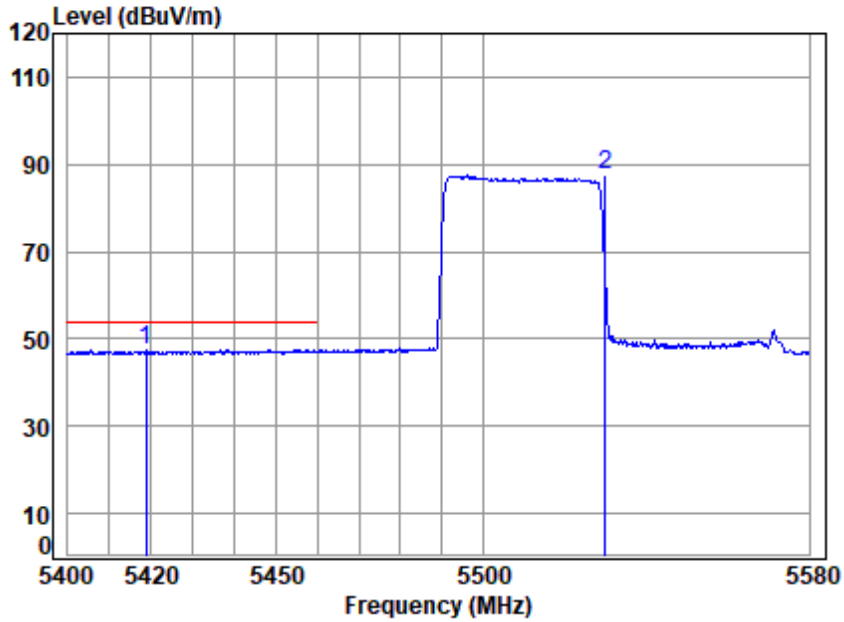



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5530 Band edge
: 5G Wi-Fi 11AX80 RU484

| | 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 | 5442.485 | 10.60 | 32.88 | 30.72 | 47.17 | 59.93 | 74.00 | -14.07 | peak |
| 2 | 5465.913 | 10.59 | 32.90 | 30.71 | 47.09 | 59.87 | 68.20 | -8.33 | peak |
| 3 pp | 5530.000 | 10.53 | 32.90 | 30.69 | 86.56 | 99.30 | 68.20 | 31.10 | peak |

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11ax_80M_Partial_RU484_TX_CH_106_Vertical

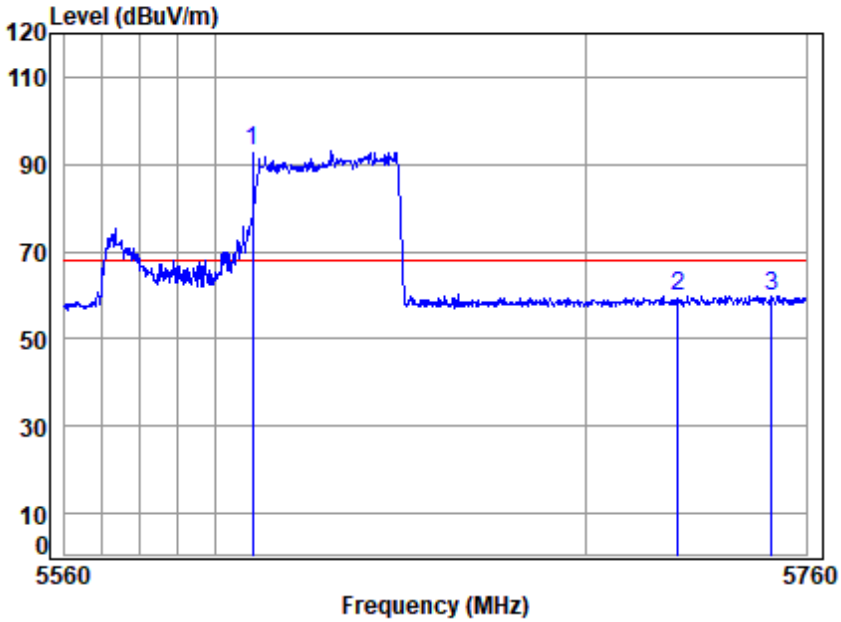



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5530 Band edge
: 5G Wi-Fi 11AX80 RU484

| | 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 pp | 5418.802 | 10.61 | 32.84 | 30.73 | 34.76 | 47.48 | 54.00 | -6.52 | Average |
| 2 | 5530.000 | 10.53 | 32.90 | 30.69 | 74.74 | 87.48 | ------ | ------ | Average |

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11ax_80M_Partial_RU484_TX_CH_122_Horizontal

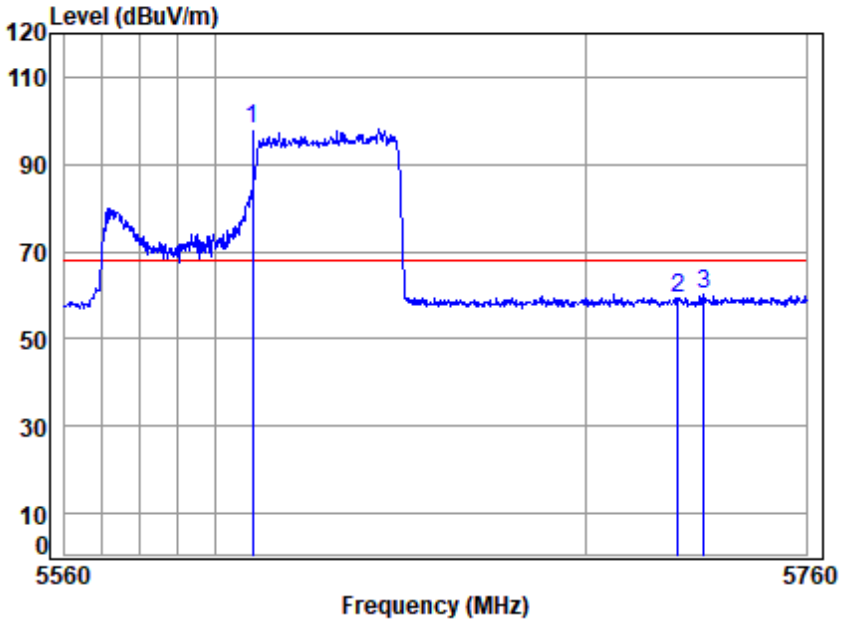



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5610 Band edge
: 5G Wi-Fi 11AX80 RU484

| | 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 pp | 5610.000 | 10.43 | 33.02 | 30.66 | 80.14 | 92.93 | 68.20 | 24.73 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.23 | 59.55 | 68.20 | -8.65 | peak |
| 3 | 5750.644 | 10.79 | 33.30 | 30.60 | 46.50 | 59.99 | 68.20 | -8.21 | peak |

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11ax_80M_Partial_RU484_TX_CH_122_Vertical

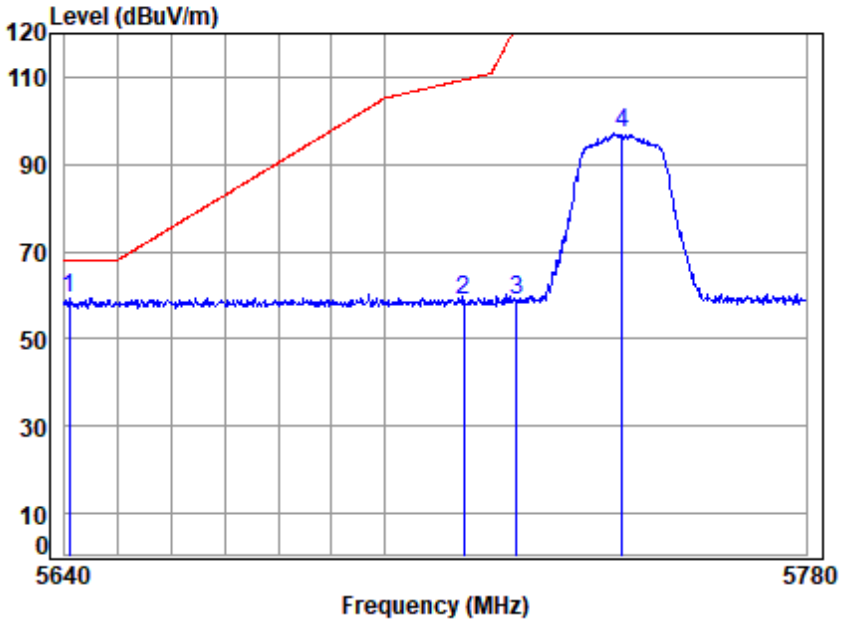



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5610 Band edge
: 5G Wi-Fi 11AX80 RU484

| | 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 pp | 5610.000 | 10.43 | 33.02 | 30.66 | 85.17 | 97.96 | 68.20 | 29.76 | peak |
| 2 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.08 | 59.40 | 68.20 | -8.80 | peak |
| 3 | 5731.978 | 10.71 | 33.26 | 30.61 | 46.73 | 60.09 | 68.20 | -8.11 | peak |

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11a_TX_CH_149_Horizontal

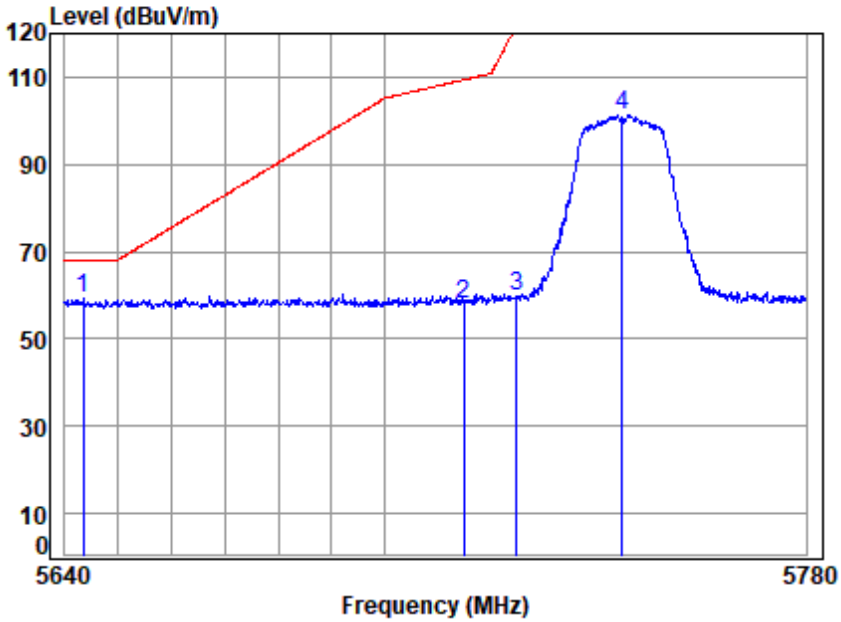



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5745 Band edge
: 5.8G Wi-Fi 11A

| | 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 pp | 5640.830 | 10.47 | 33.08 | 30.64 | 46.62 | 59.53 | 68.20 | -8.67 | peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 45.48 | 58.73 | 109.40 | -50.67 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 45.39 | 58.71 | 122.20 | -63.49 | peak |
| 4 | 5745.000 | 10.77 | 33.29 | 30.60 | 83.72 | 97.18 | ------ | ------ | peak |

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11a_TX_CH_149_Vertical



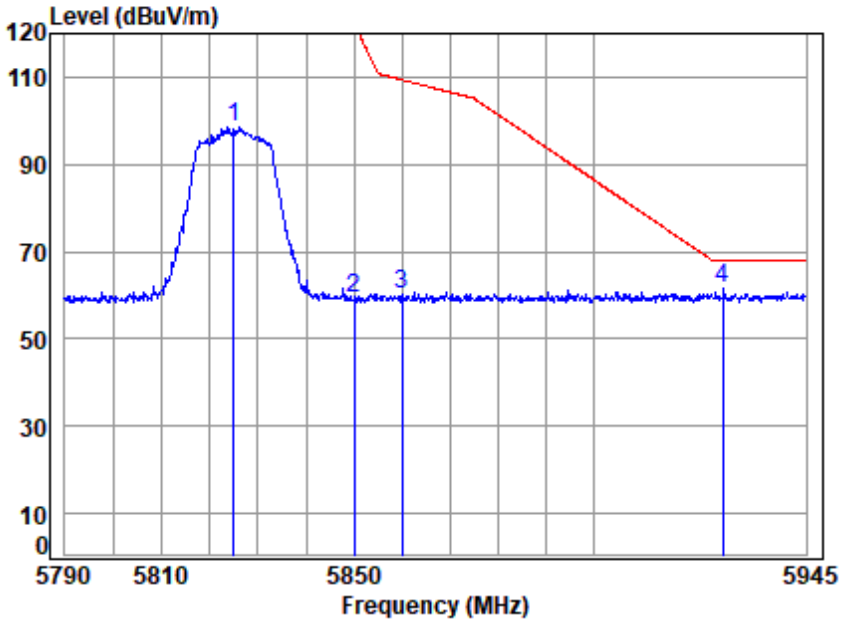

Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5745 Band edge
: 5.8G Wi-Fi 11A

| | 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 pp | 5643.458 | 10.48 | 33.09 | 30.64 | 46.45 | 59.38 | 68.20 | -8.82 | Peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 44.88 | 58.13 | 109.40 | -51.27 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.50 | 59.82 | 122.20 | -62.38 | peak |
| 4 | 5745.000 | 10.77 | 33.29 | 30.60 | 87.98 | 101.44 | ------ | ------ | peak |

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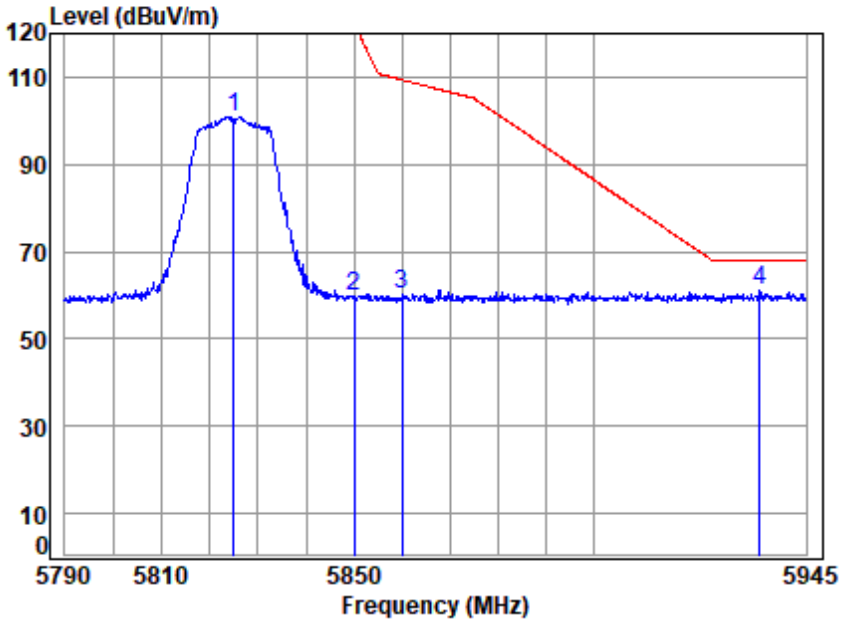



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5825 Band edge
: 5.8G Wi-Fi 11A

| | 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 | 5825.000 | 10.99 | 33.50 | 30.57 | 84.70 | 98.62 | ------ | ------ | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 45.40 | 59.39 | 122.20 | -62.81 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 46.12 | 60.08 | 109.40 | -49.32 | peak |
| 4 pp | 5927.436 | 10.87 | 33.55 | 30.53 | 47.80 | 61.69 | 68.20 | -6.51 | peak |

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11a_TX_CH_165_Vertical

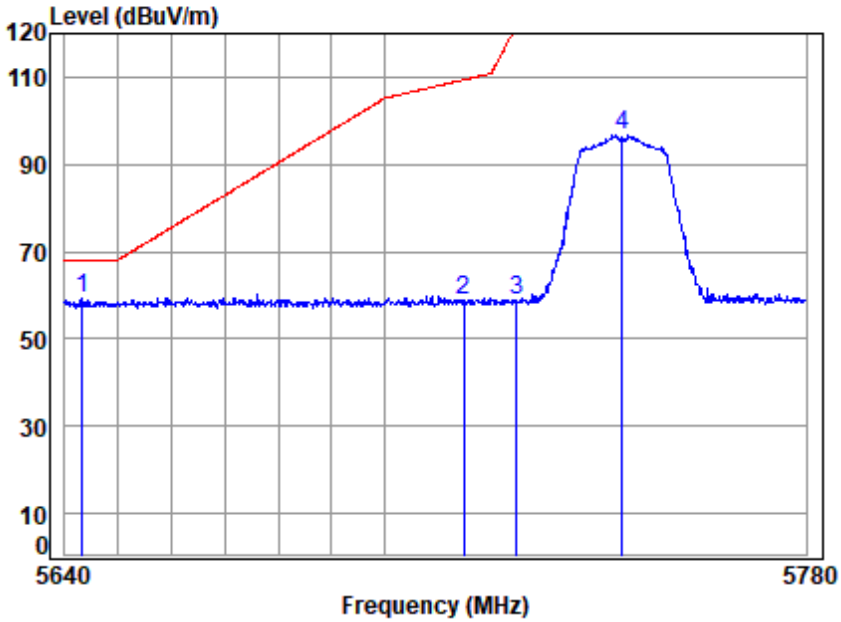



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5825 Band edge
: 5.8G Wi-Fi 11A

| | 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 | 5825.000 | 10.99 | 33.50 | 30.57 | 87.06 | 100.98 | ------ | ------ | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 45.80 | 59.79 | 122.20 | -62.41 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 46.28 | 60.24 | 109.40 | -49.16 | peak |
| 4 pp | 5935.114 | 10.86 | 33.57 | 30.53 | 47.13 | 61.03 | 68.20 | -7.17 | peak |

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11ac_20M_TX_CH_149_Horizontal

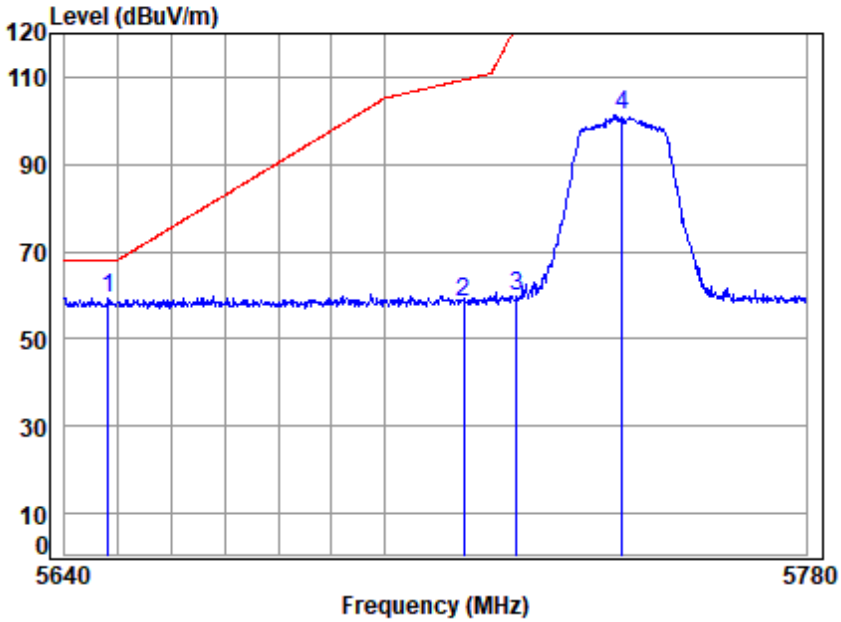



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5745 Band edge
: 5.8G Wi-Fi 11AC20

| | 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 pp | 5643.320 | 10.48 | 33.09 | 30.64 | 46.61 | 59.54 | 68.20 | -8.66 | peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 45.54 | 58.79 | 109.40 | -50.61 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 45.37 | 58.69 | 122.20 | -63.51 | peak |
| 4 | 5745.000 | 10.77 | 33.29 | 30.60 | 83.31 | 96.77 | ------ | ------ | peak |

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11ac_20M_TX_CH_149_Vertical

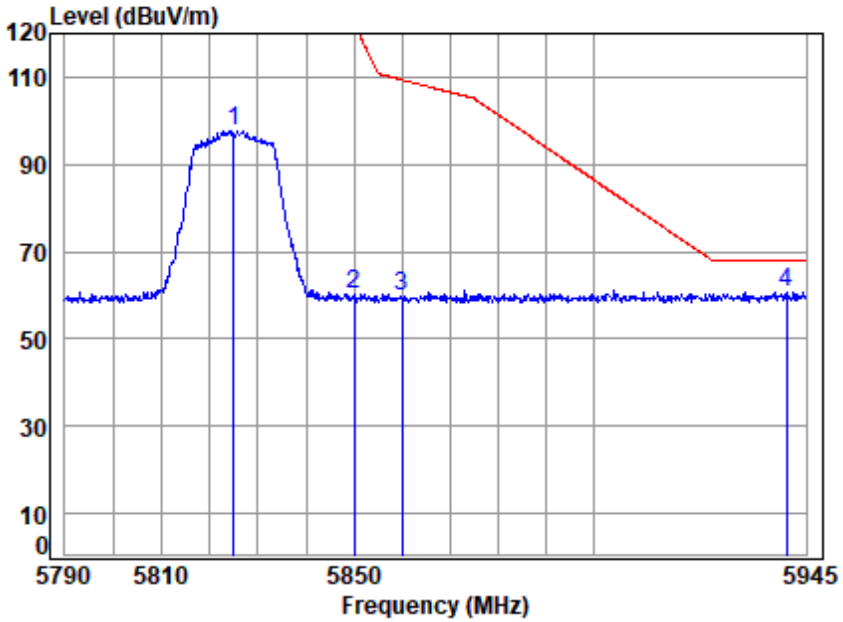



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5745 Band edge
: 5.8G Wi-Fi 11AC20

| | 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 pp | 5648.165 | 10.48 | 33.10 | 30.64 | 46.58 | 59.52 | 68.20 | -8.68 | peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 45.16 | 58.41 | 109.40 | -50.99 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.23 | 59.55 | 122.20 | -62.65 | peak |
| 4 | 5745.000 | 10.77 | 33.29 | 30.60 | 87.95 | 101.41 | ------ | ------ | peak |

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11ac_20M_TX_CH_165_Horizontal

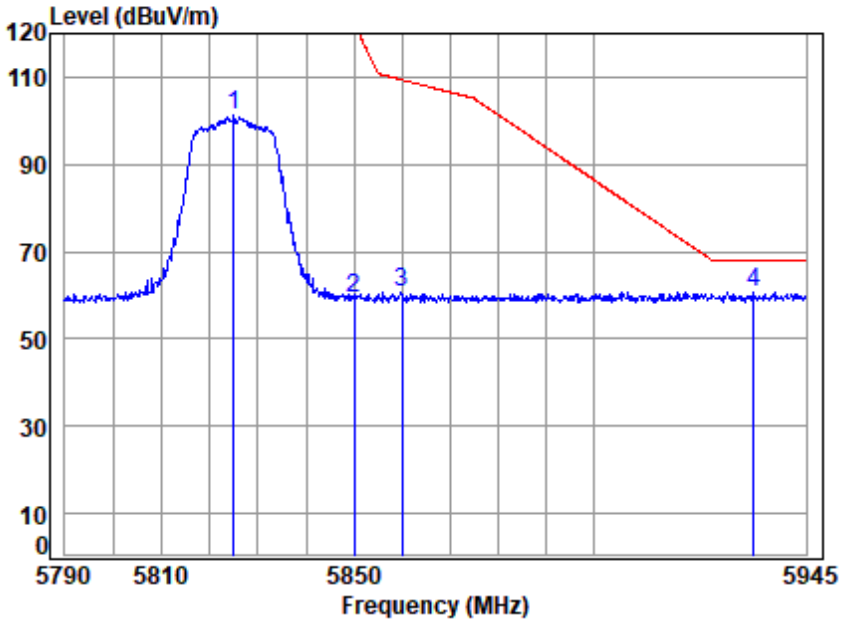



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5825 Band edge
: 5.8G Wi-Fi 11AC20

| | 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 | 5825.000 | 10.99 | 33.50 | 30.57 | 83.80 | 97.72 | ------ | ------ | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 46.27 | 60.26 | 122.20 | -61.94 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 45.63 | 59.59 | 109.40 | -49.81 | peak |
| 4 pp | 5940.761 | 10.86 | 33.58 | 30.52 | 46.91 | 60.83 | 68.20 | -7.37 | peak |

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11ac_20M_TX_CH_165_Vertical

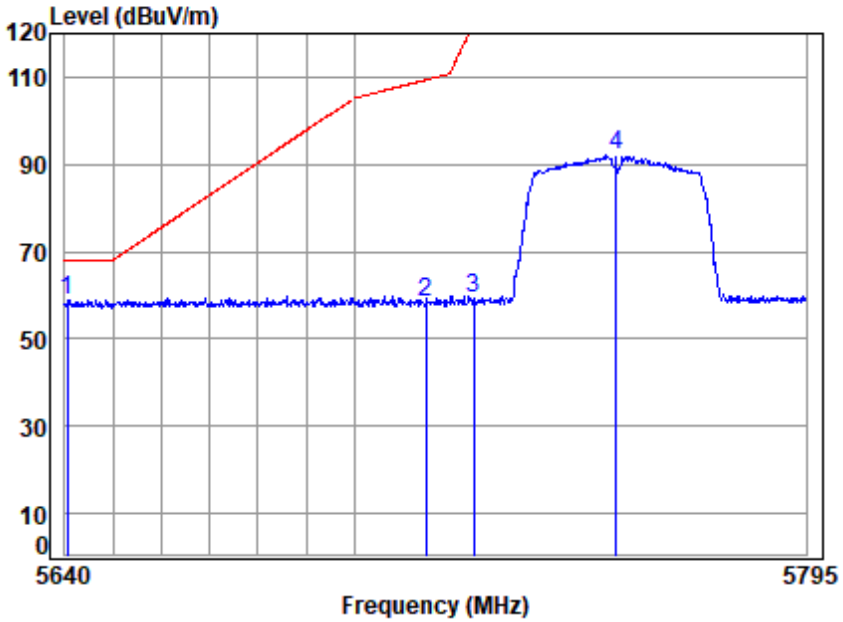



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5825 Band edge
: 5.8G Wi-Fi 11AC20

| | 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 | 5825.000 | 10.99 | 33.50 | 30.57 | 87.25 | 101.17 | ------ | ------ | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 45.36 | 59.35 | 122.20 | -62.85 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 46.55 | 60.51 | 109.40 | -48.89 | peak |
| 4 pp | 5933.859 | 10.86 | 33.57 | 30.53 | 46.83 | 60.73 | 68.20 | -7.47 | peak |

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11ac_40M_TX_CH_151_Horizontal



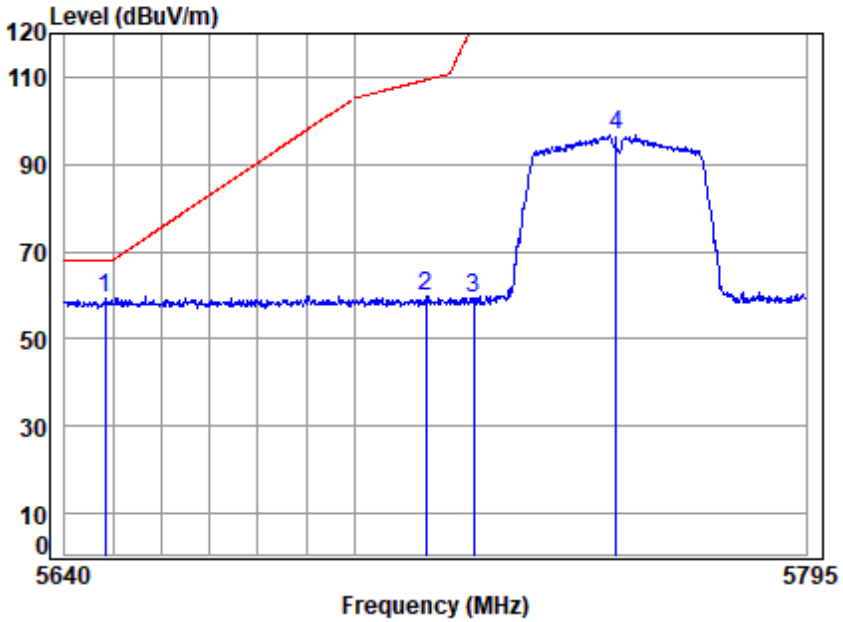

Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5755 Band edge
: 5.8G Wi-Fi 11AC40

| | 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 pp | 5640.459 | 10.47 | 33.08 | 30.64 | 46.14 | 59.05 | 68.20 | -9.15 | peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 44.95 | 58.20 | 109.40 | -51.20 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.06 | 59.38 | 122.20 | -62.82 | peak |
| 4 | 5755.000 | 10.81 | 33.31 | 30.60 | 78.42 | 91.94 | ------ | ------ | peak |

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11ac_40M_TX_CH_151_Vertical



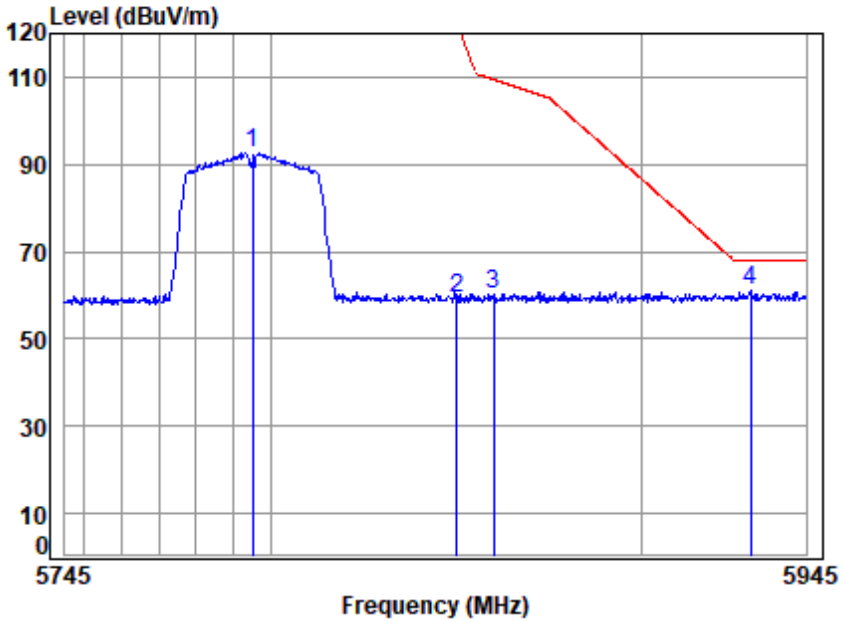

Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5755 Band edge
: 5.8G Wi-Fi 11AC40

| | 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 pp | 5648.416 | 10.48 | 33.10 | 30.64 | 46.50 | 59.44 | 68.20 | -8.76 | peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 46.48 | 59.73 | 109.40 | -49.67 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 45.94 | 59.26 | 122.20 | -62.94 | peak |
| 4 | 5755.000 | 10.81 | 33.31 | 30.60 | 83.14 | 96.66 | ------ | ------ | peak |

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检验检测专用章 Inspection & Testing Services

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11ac_40M_TX_CH_159_Horizontal

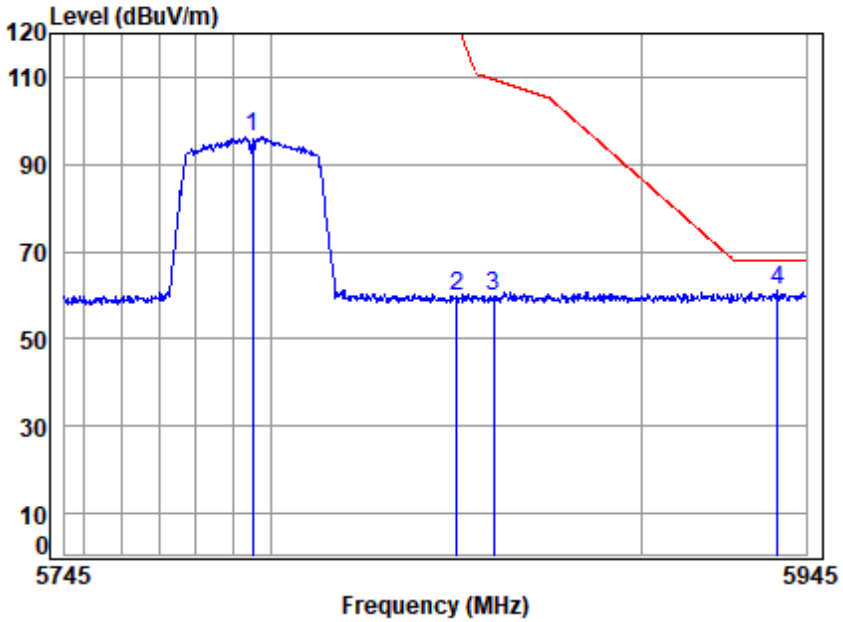



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5795 Band edge
: 5.8G Wi-Fi 11AC40

| | 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 | 5795.000 | 11.00 | 33.39 | 30.58 | 78.94 | 92.75 | ------ | ------ | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 45.11 | 59.10 | 122.20 | -63.10 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 46.32 | 60.28 | 109.40 | -49.12 | peak |
| 4 pp | 5929.761 | 10.87 | 33.56 | 30.53 | 47.14 | 61.04 | 68.20 | -7.16 | peak |

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11ac_40M_TX_CH_159_Vertical

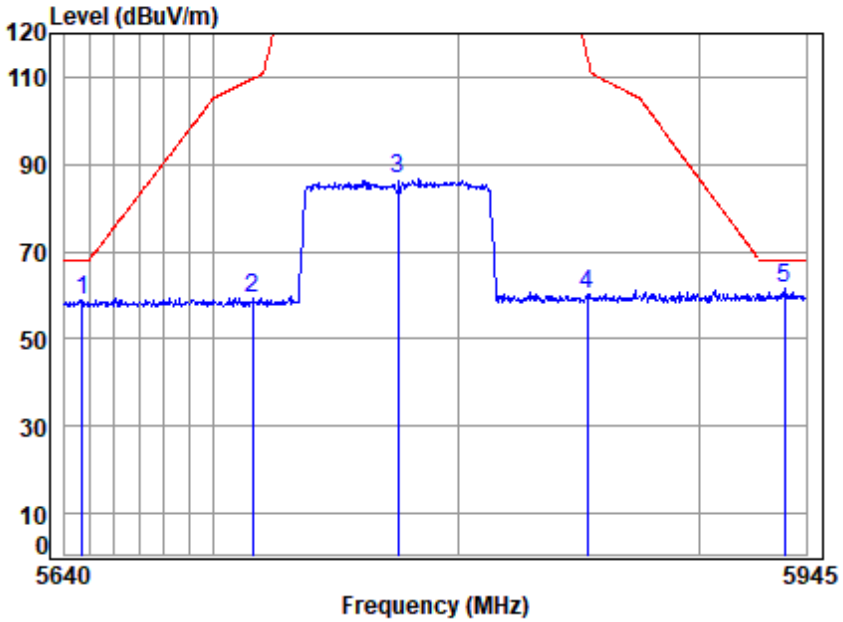



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5795 Band edge
: 5.8G Wi-Fi 11AC40

| | 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 | 5795.000 | 11.00 | 33.39 | 30.58 | 82.47 | 96.28 | ------ | ------ | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 45.69 | 59.68 | 122.20 | -62.52 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 45.70 | 59.66 | 109.40 | -49.74 | peak |
| 4 pp | 5937.071 | 10.86 | 33.57 | 30.53 | 47.25 | 61.15 | 68.20 | -7.05 | peak |

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11ac_VHT(80M)_TX_CH_155_Horizontal

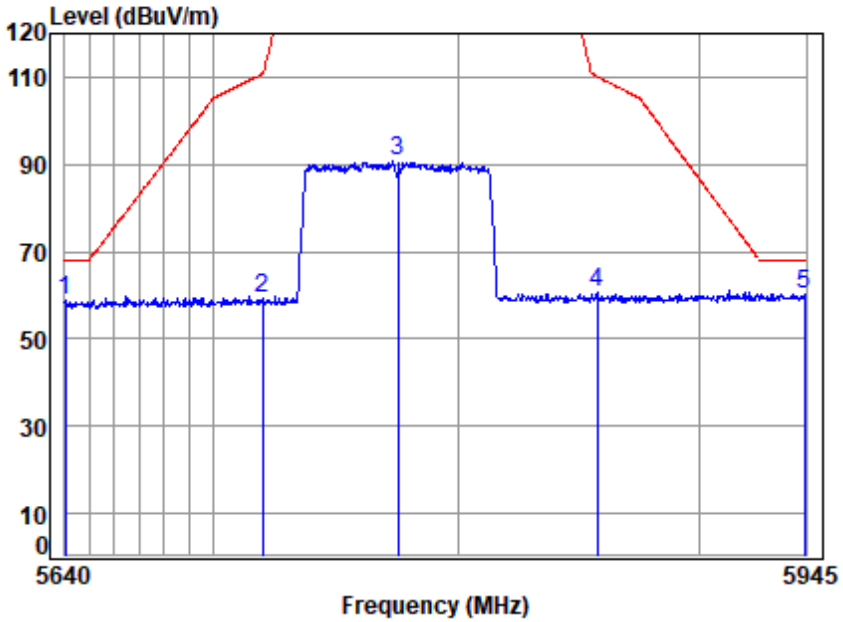



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5775 Band edge
: 5.8G Wi-Fi 11AC80

| | 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 | 5646.836 | 10.48 | 33.09 | 30.64 | 45.73 | 58.66 | 68.20 | -9.54 | Peak |
| 2 | 5715.955 | 10.63 | 33.23 | 30.61 | 46.21 | 59.46 | 109.67 | -50.21 | peak |
| 3 | 5775.000 | 10.91 | 33.35 | 30.59 | 72.92 | 86.59 | ------ | ------ | peak |
| 4 | 5853.349 | 10.95 | 33.59 | 30.56 | 46.11 | 60.09 | 114.56 | -54.47 | peak |
| 5 pp | 5935.927 | 10.86 | 33.57 | 30.53 | 47.92 | 61.82 | 68.20 | -6.38 | peak |

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11ac_VHT(80M)_TX_CH_155_Vertical

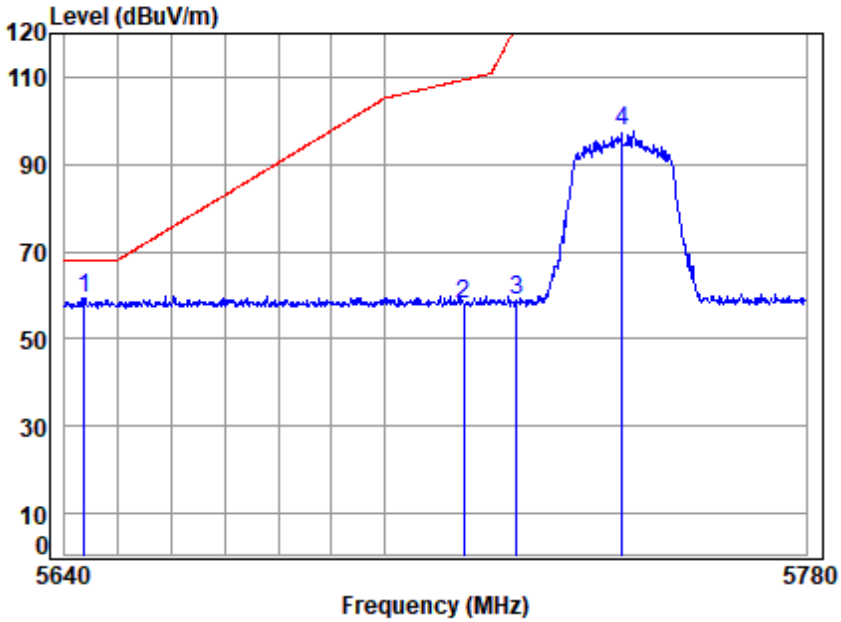



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5775 Band edge
: 5.8G Wi-Fi 11AC80

| | 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 | 5640.297 | 10.47 | 33.08 | 30.64 | 45.94 | 58.85 | 68.20 | -9.35 | Peak |
| 2 | 5719.870 | 10.65 | 33.24 | 30.61 | 45.98 | 59.26 | 110.76 | -51.50 | peak |
| 3 | 5775.000 | 10.91 | 33.35 | 30.59 | 77.04 | 90.71 | ------ | ------ | peak |
| 4 | 5857.357 | 10.95 | 33.59 | 30.56 | 46.51 | 60.49 | 110.14 | -49.65 | peak |
| 5 pp | 5944.374 | 10.85 | 33.59 | 30.52 | 46.49 | 60.41 | 68.20 | -7.79 | peak |

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11ax_20M_TX_CH_149_Horizontal

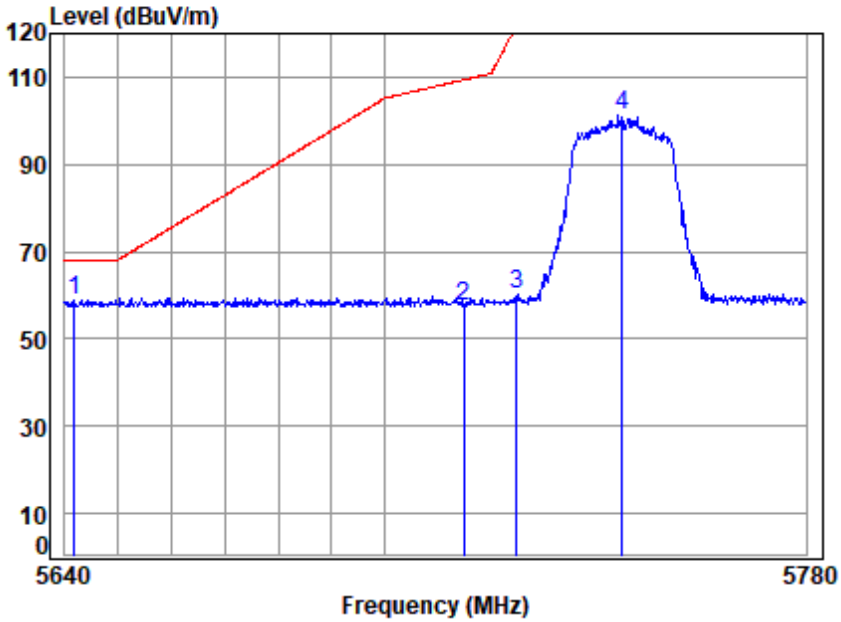



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5745 Band edge
: 5.8G Wi-Fi 11AX20

| | 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 pp | 5643.735 | 10.48 | 33.09 | 30.64 | 46.27 | 59.20 | 68.20 | -9.00 | peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 44.88 | 58.13 | 109.40 | -51.27 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 45.56 | 58.88 | 122.20 | -63.32 | peak |
| 4 | 5745.000 | 10.77 | 33.29 | 30.60 | 84.02 | 97.48 | ------ | ------ | peak |

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11ax_20M_TX_CH_149_Vertical

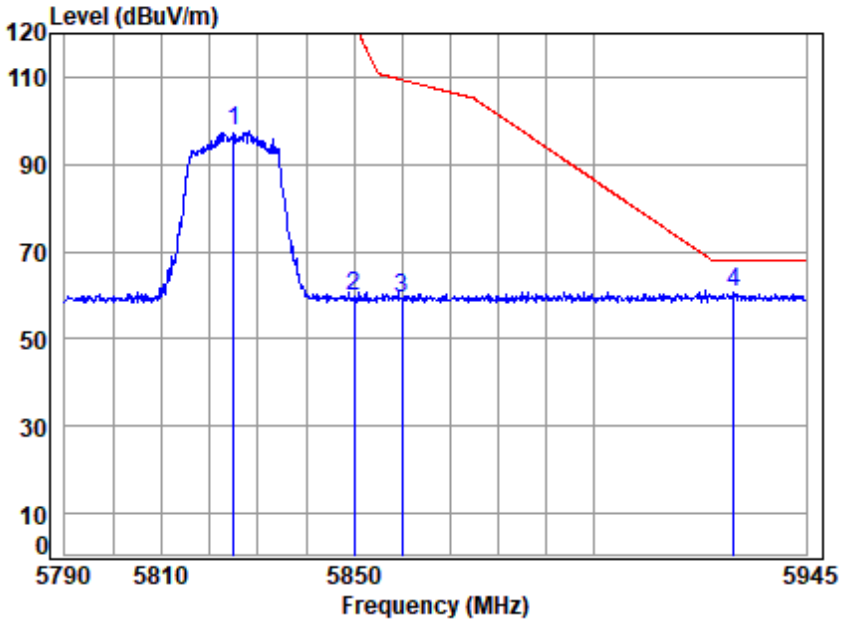



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5745 Band edge
: 5.8G Wi-Fi 11AX20

| | 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 pp | 5641.798 | 10.47 | 33.08 | 30.64 | 46.05 | 58.96 | 68.20 | -9.24 | peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 44.25 | 57.50 | 109.40 | -51.90 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.80 | 60.12 | 122.20 | -62.08 | peak |
| 4 | 5745.000 | 10.77 | 33.29 | 30.60 | 87.76 | 101.22 | ------ | ------ | peak |

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11ax_20M_TX_CH_165_Horizontal

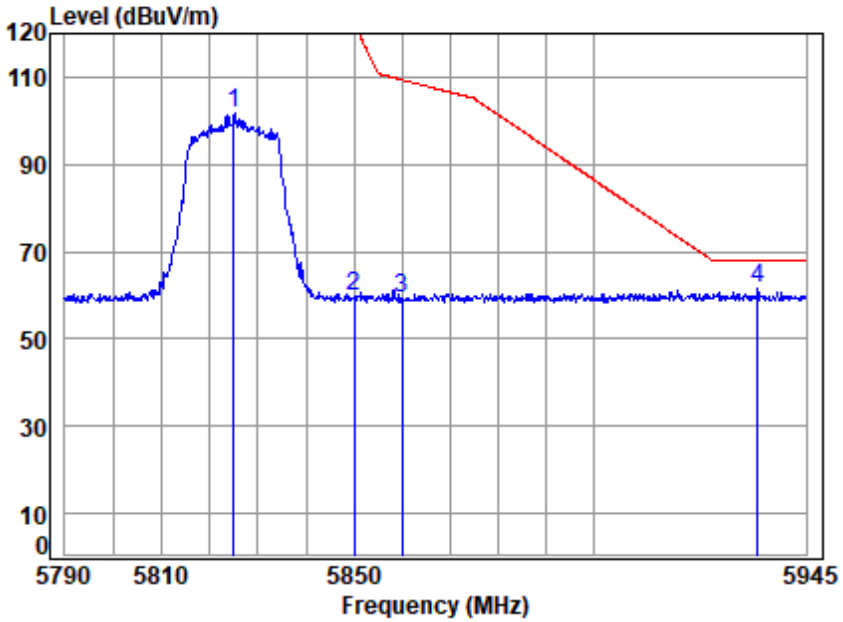



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5825 Band edge
: 5.8G Wi-Fi 11AX20

| | 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 | 5825.000 | 10.99 | 33.50 | 30.57 | 83.61 | 97.53 | ------ | ------ | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 45.91 | 59.90 | 122.20 | -62.30 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 45.40 | 59.36 | 109.40 | -50.04 | peak |
| 4 pp | 5929.785 | 10.87 | 33.56 | 30.53 | 46.56 | 60.46 | 68.20 | -7.74 | peak |

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11ax_20M_TX_CH_165_Vertical

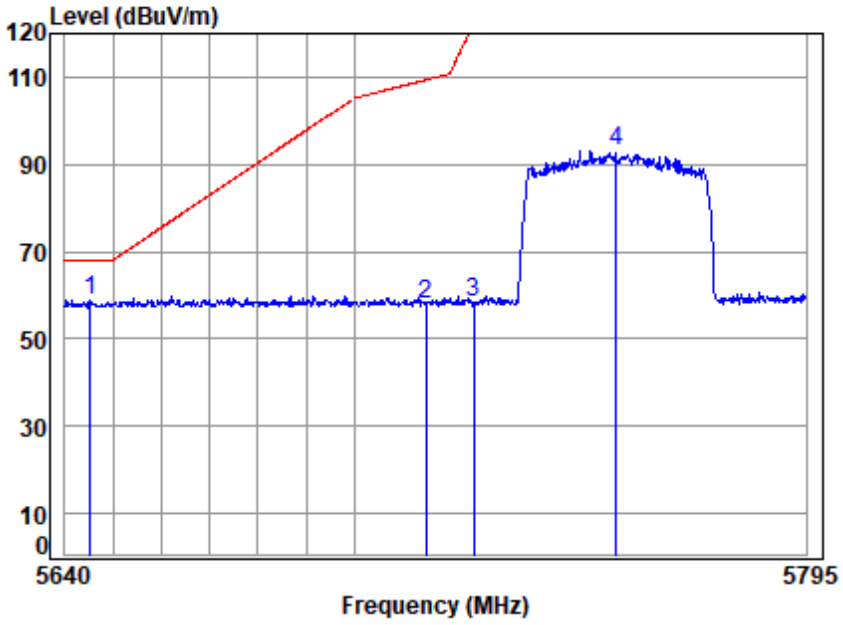



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5825 Band edge
: 5.8G Wi-Fi 11AX20

| | 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 | 5825.000 | 10.99 | 33.50 | 30.57 | 87.65 | 101.57 | ------ | ------ | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 45.59 | 59.58 | 122.20 | -62.62 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 45.52 | 59.48 | 109.40 | -49.92 | peak |
| 4 pp | 5934.800 | 10.86 | 33.57 | 30.53 | 47.77 | 61.67 | 68.20 | -6.53 | peak |

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11ax_40M_TX_CH_151_Horizontal

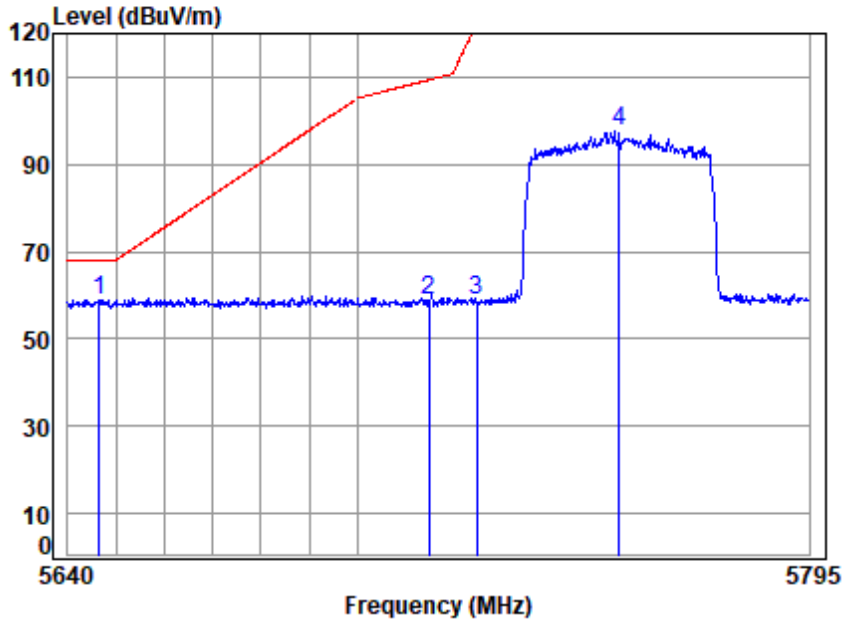



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5755 Band edge
: 5.8G Wi-Fi 11AX40

| | 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 pp | 5645.354 | 10.48 | 33.09 | 30.64 | 46.06 | 58.99 | 68.20 | -9.21 | peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 44.71 | 57.96 | 109.40 | -51.44 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 45.20 | 58.52 | 122.20 | -63.68 | peak |
| 4 | 5755.000 | 10.81 | 33.31 | 30.60 | 79.44 | 92.96 | ------ | ------ | peak |

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11ax_40M_TX_CH_151_Vertical



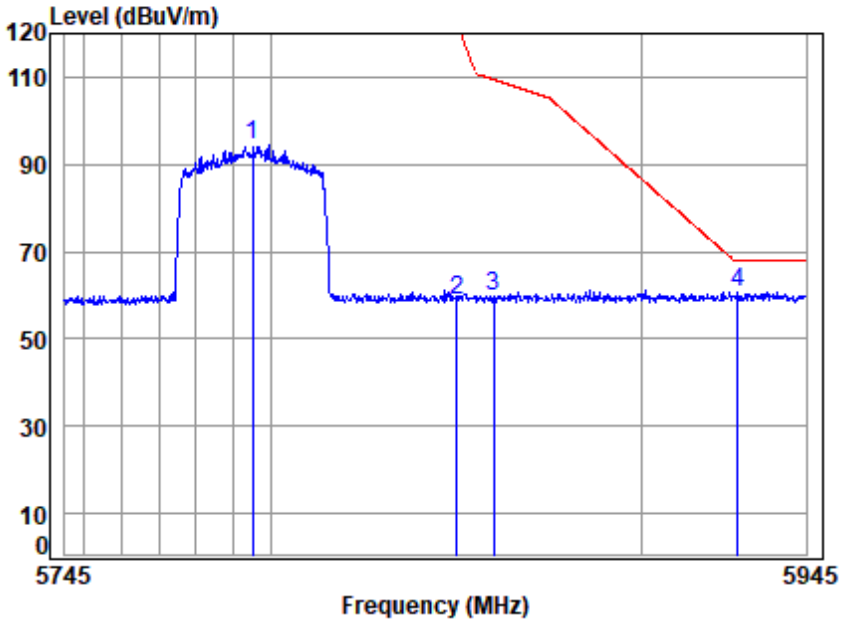

Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5755 Band edge
: 5.8G Wi-Fi 11AX40

| | 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 | pp 5646.579 | 10.48 | 33.09 | 30.64 | 46.07 | 59.00 | 68.20 | -9.20 | peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 45.59 | 58.84 | 109.40 | -50.56 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 45.36 | 58.68 | 122.20 | -63.52 | peak |
| 4 | 5755.000 | 10.81 | 33.31 | 30.60 | 84.19 | 97.71 | ------ | ------ | peak |

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11ax_40M_TX_CH_159_Horizontal

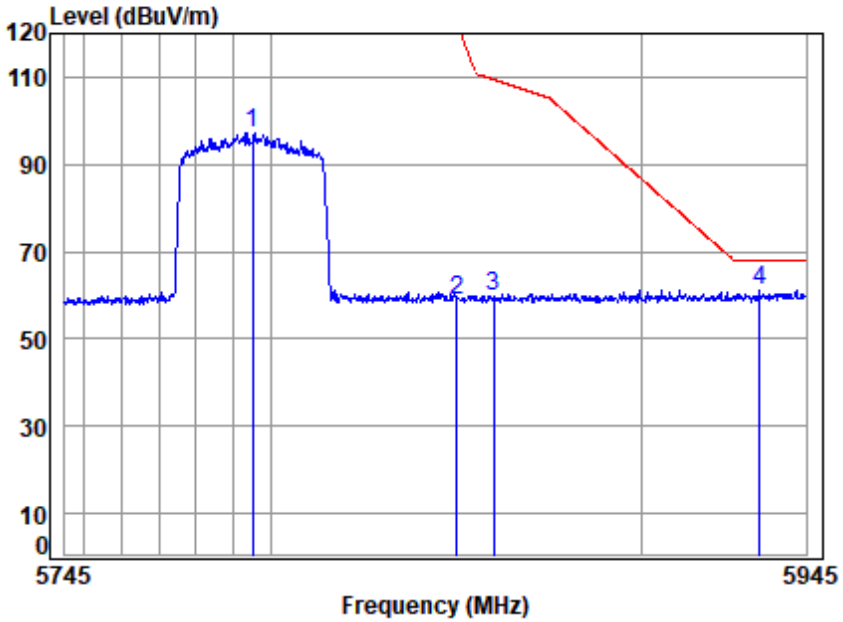



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5795 Band edge
: 5.8G Wi-Fi 11AX40

| | 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 | 5795.000 | 11.00 | 33.39 | 30.58 | 80.60 | 94.41 | ------ | ------ | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 45.03 | 59.02 | 122.20 | -63.18 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 45.85 | 59.81 | 109.40 | -49.59 | peak |
| 4 pp | 5926.313 | 10.87 | 33.55 | 30.53 | 46.99 | 60.88 | 68.20 | -7.32 | peak |

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11ax_40M_TX_CH_159_Vertical

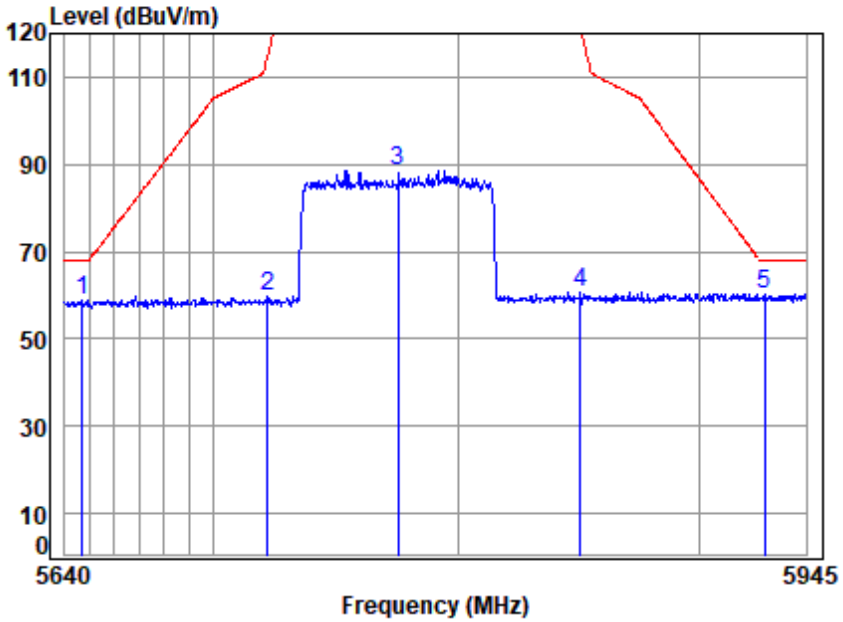



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5795 Band edge
: 5.8G Wi-Fi 11AX40

| | 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 | 5795.000 | 11.00 | 33.39 | 30.58 | 83.42 | 97.23 | ------ | ------ | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 44.74 | 58.73 | 122.20 | -63.47 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 45.62 | 59.58 | 109.40 | -49.82 | peak |
| 4 pp | 5932.400 | 10.86 | 33.56 | 30.53 | 47.46 | 61.35 | 68.20 | -6.85 | peak |

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11ax_80M_TX_CH_155_Horizontal

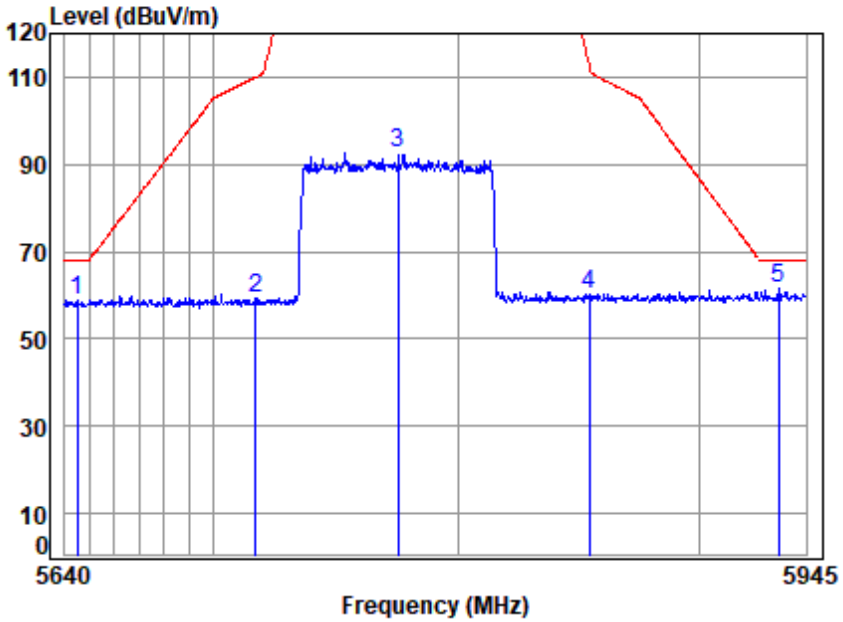



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5775 Band edge
: 5.8G Wi-Fi 11AX80

| | 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 | 5647.133 | 10.48 | 33.09 | 30.64 | 45.77 | 58.70 | 68.20 | -9.50 | Peak |
| 2 | 5721.979 | 10.66 | 33.24 | 30.61 | 46.34 | 59.63 | 115.31 | -55.68 | peak |
| 3 | 5775.000 | 10.91 | 33.35 | 30.59 | 74.87 | 88.54 | ------ | ------ | peak |
| 4 | 5850.575 | 10.95 | 33.60 | 30.56 | 46.48 | 60.47 | 120.89 | -60.42 | peak |
| 5 pp | 5927.492 | 10.87 | 33.55 | 30.53 | 46.41 | 60.30 | 68.20 | -7.90 | peak |

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11ax_80M_TX_CH_155_Vertical

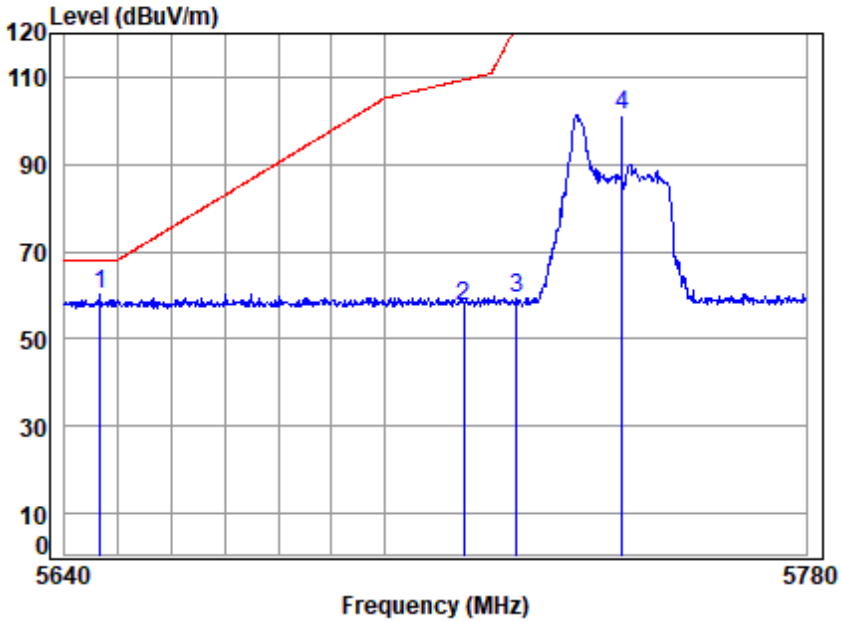



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5775 Band edge
: 5.8G Wi-Fi 11AX80

| | 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 | 5645.052 | 10.48 | 33.09 | 30.64 | 45.98 | 58.91 | 68.20 | -9.29 | Peak |
| 2 | 5717.159 | 10.64 | 33.23 | 30.61 | 45.95 | 59.21 | 110.01 | -50.80 | peak |
| 3 | 5775.000 | 10.91 | 33.35 | 30.59 | 79.13 | 92.80 | ------ | ------ | peak |
| 4 | 5854.273 | 10.95 | 33.59 | 30.56 | 46.28 | 60.26 | 112.46 | -52.20 | peak |
| 5 pp | 5933.426 | 10.86 | 33.57 | 30.53 | 47.59 | 61.49 | 68.20 | -6.71 | peak |

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11ax_20M_Partial_RU26_TX_CH_149_Horizontal

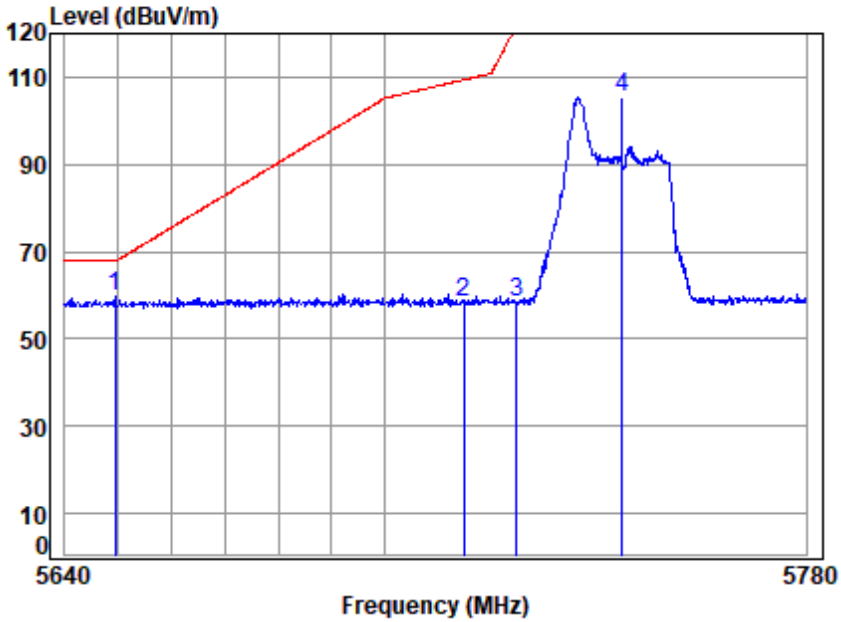



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5745 Band edge
: 5.8G Wi-Fi 11AX20 RU26

| | 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 pp | 5646.642 | 10.48 | 33.09 | 30.64 | 47.09 | 60.02 | 68.20 | -8.18 | peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 44.43 | 57.68 | 109.40 | -51.72 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 45.91 | 59.23 | 122.20 | -62.97 | peak |
| 4 | 5745.000 | 10.77 | 33.29 | 30.60 | 88.03 | 101.49 | ------ | ------ | peak |

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11ax_20M_Partial_RU26_TX_CH_149_Vertical

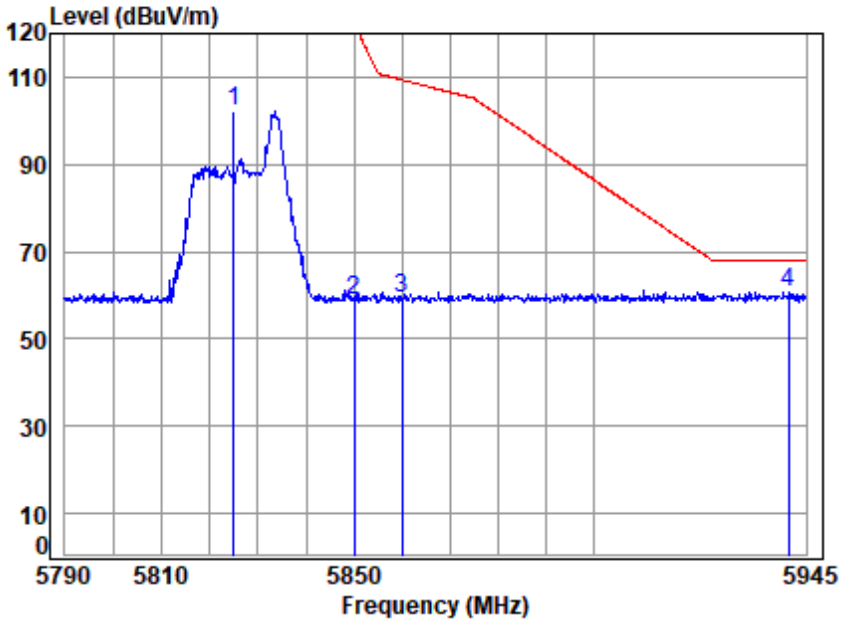



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5745 Band edge
: 5.8G Wi-Fi 11AX20 RU26

| | 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 pp | 5649.412 | 10.48 | 33.10 | 30.64 | 46.65 | 59.59 | 68.20 | -8.61 | peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 45.13 | 58.38 | 109.40 | -51.02 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 45.23 | 58.55 | 122.20 | -63.65 | peak |
| 4 | 5745.000 | 10.77 | 33.29 | 30.60 | 91.98 | 105.44 | ------ | ------ | peak |

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11ax_20M_Partial_RU26_TX_CH_165_Horizontal

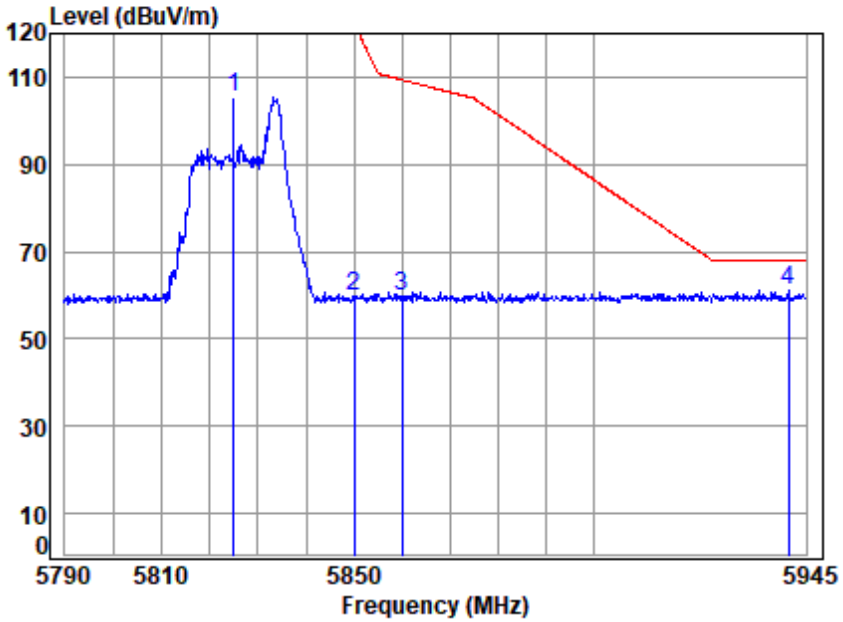



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5825 Band edge
: 5.8G Wi-Fi 11AX20 RU26

| | 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 | 5825.000 | 10.99 | 33.50 | 30.57 | 88.26 | 102.18 | ------ | ------ | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 44.87 | 58.86 | 122.20 | -63.34 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 45.35 | 59.31 | 109.40 | -50.09 | peak |
| 4 pp | 5941.232 | 10.86 | 33.58 | 30.52 | 46.92 | 60.84 | 68.20 | -7.36 | peak |

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11ax_20M_Partial_RU26_TX_CH_165_Vertical

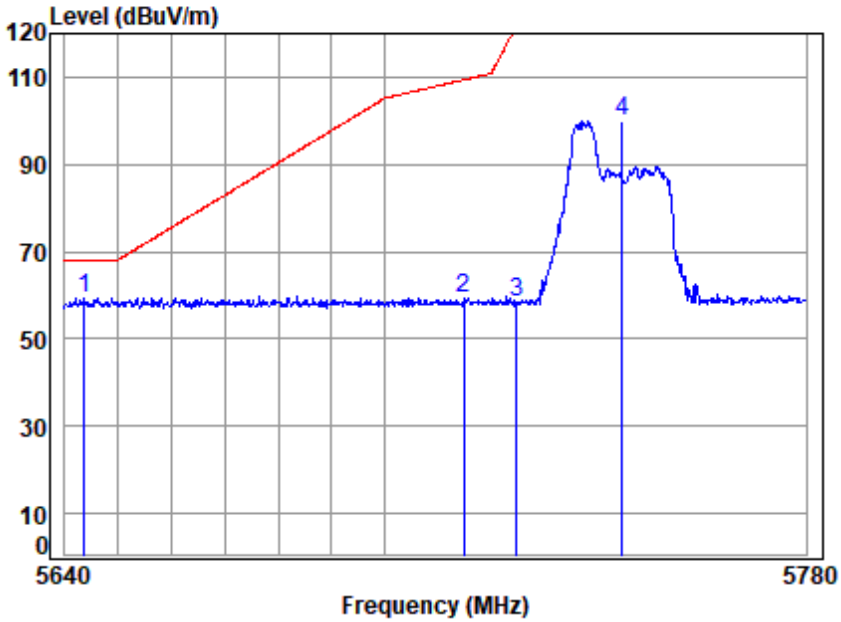



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5825 Band edge
: 5.8G Wi-Fi 11AX20 RU26

| | 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 | 5825.000 | 10.99 | 33.50 | 30.57 | 91.63 | 105.55 | ------ | ------ | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 45.94 | 59.93 | 122.20 | -62.27 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 45.71 | 59.67 | 109.40 | -49.73 | peak |
| 4 pp | 5941.232 | 10.86 | 33.58 | 30.52 | 47.07 | 60.99 | 68.20 | -7.21 | peak |

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11ax_20M_Partial_RU52_TX_CH_149_Horizontal

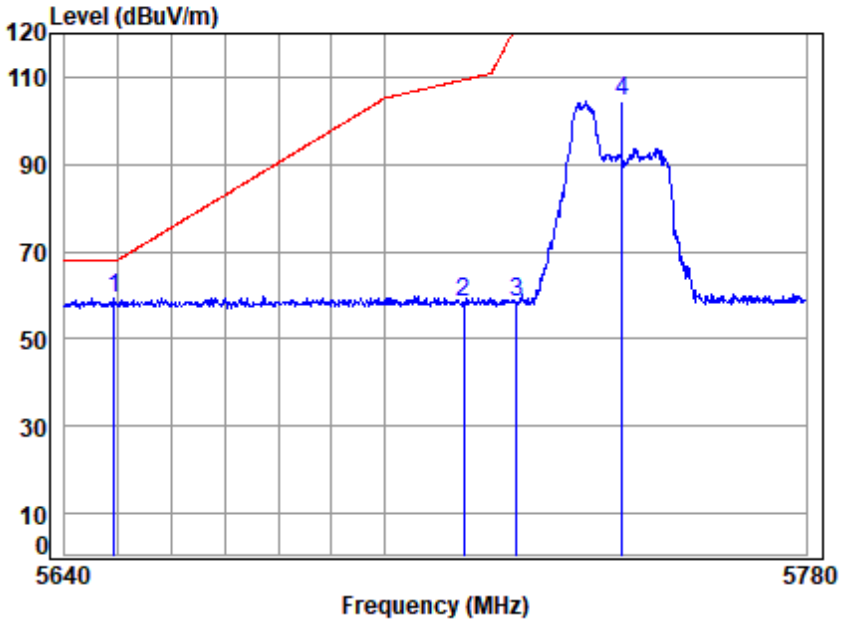



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5745 Band edge
: 5.8G Wi-Fi 11AX20 RU52

| | 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 pp | 5643.735 | 10.48 | 33.09 | 30.64 | 46.58 | 59.51 | 68.20 | -8.69 | peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 45.95 | 59.20 | 109.40 | -50.20 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 45.20 | 58.52 | 122.20 | -63.68 | peak |
| 4 | 5745.000 | 10.77 | 33.29 | 30.60 | 86.55 | 100.01 | ------ | ------ | peak |

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11ax_20M_Partial_RU52_TX_CH_149_Vertical

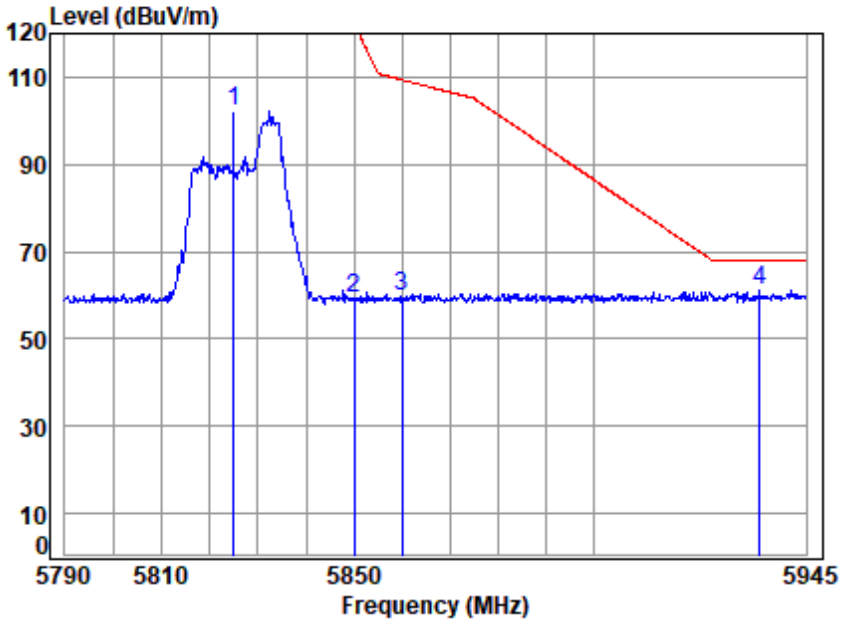



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5745 Band edge
: 5.8G Wi-Fi 11AX20 RU52

| | 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 pp | 5649.135 | 10.48 | 33.10 | 30.64 | 46.47 | 59.41 | 68.20 | -8.79 | peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 44.97 | 58.22 | 109.40 | -51.18 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 45.02 | 58.34 | 122.20 | -63.86 | peak |
| 4 | 5745.000 | 10.77 | 33.29 | 30.60 | 90.91 | 104.37 | ------ | ------ | peak |

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11ax_20M_Partial_RU52_TX_CH_165_Horizontal

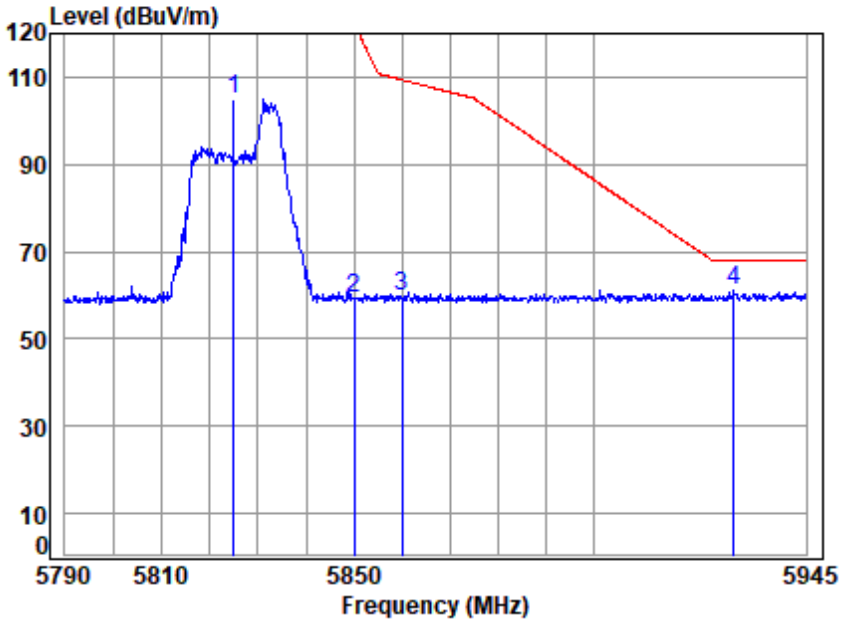



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5825 Band edge
: 5.8G Wi-Fi 11AX20 RU52

| | 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 | 5825.000 | 10.99 | 33.50 | 30.57 | 88.36 | 102.28 | ------ | ------ | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 45.54 | 59.53 | 122.20 | -62.67 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 45.71 | 59.67 | 109.40 | -49.73 | peak |
| 4 pp | 5935.114 | 10.86 | 33.57 | 30.53 | 47.03 | 60.93 | 68.20 | -7.27 | peak |

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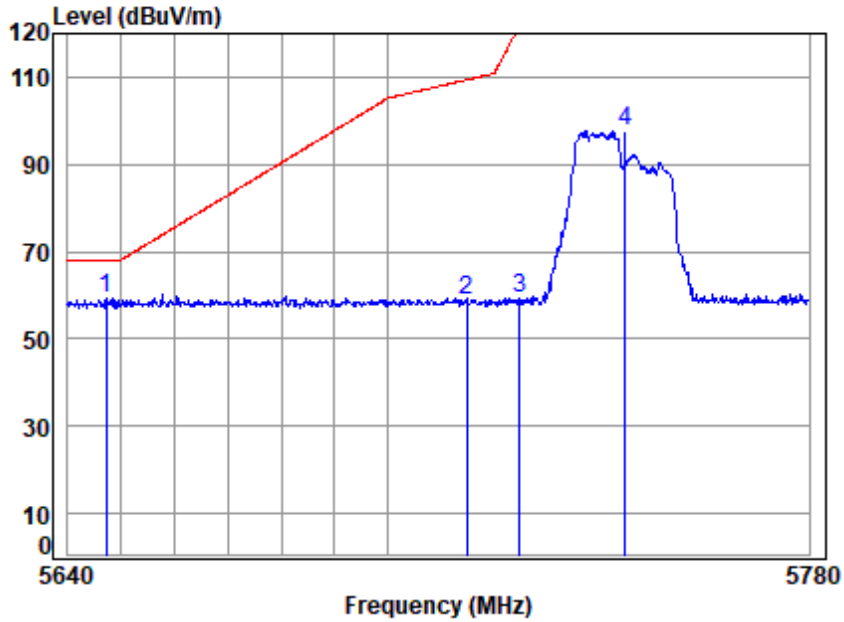



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5825 Band edge
: 5.8G Wi-Fi 11AX20 RU52

| | 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 | 5825.000 | 10.99 | 33.50 | 30.57 | 90.93 | 104.85 | ------ | ------ | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 45.21 | 59.20 | 122.20 | -63.00 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 45.85 | 59.81 | 109.40 | -49.59 | peak |
| 4 pp | 5929.628 | 10.87 | 33.56 | 30.53 | 47.24 | 61.14 | 68.20 | -7.06 | peak |

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11ax_20M_Partial_RU106_TX_CH_149_Horizontal

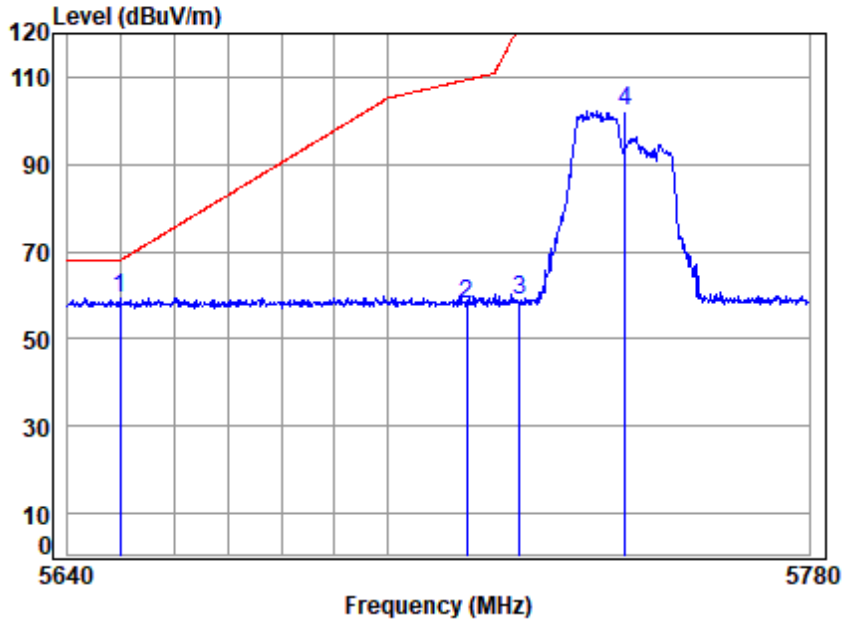



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5745 Band edge
: 5.8G Wi-Fi 11AX20 RU106

| | 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 pp | 5647.196 | 10.48 | 33.09 | 30.64 | 46.52 | 59.45 | 68.20 | -8.75 | peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 45.47 | 58.72 | 109.40 | -50.68 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 45.79 | 59.11 | 122.20 | -63.09 | peak |
| 4 | 5745.000 | 10.77 | 33.29 | 30.60 | 84.18 | 97.64 | ------ | ------ | peak |

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11ax_20M_Partial_RU106_TX_CH_149_Vertical

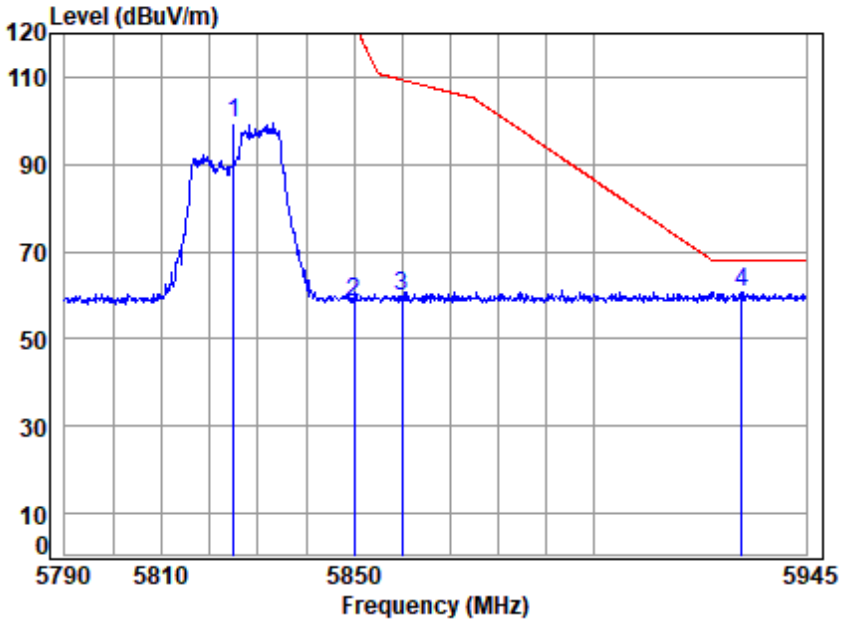



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5745 Band edge
: 5.8G Wi-Fi 11AX20 RU106

| | 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 pp | 5649.827 | 10.49 | 33.10 | 30.64 | 46.43 | 59.38 | 68.20 | -8.82 | peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 44.73 | 57.98 | 109.40 | -51.42 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 45.70 | 59.02 | 122.20 | -63.18 | peak |
| 4 | 5745.000 | 10.77 | 33.29 | 30.60 | 88.90 | 102.36 | ------ | ------ | peak |

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11ax_20M_Partial_RU106_TX_CH_165_Horizontal

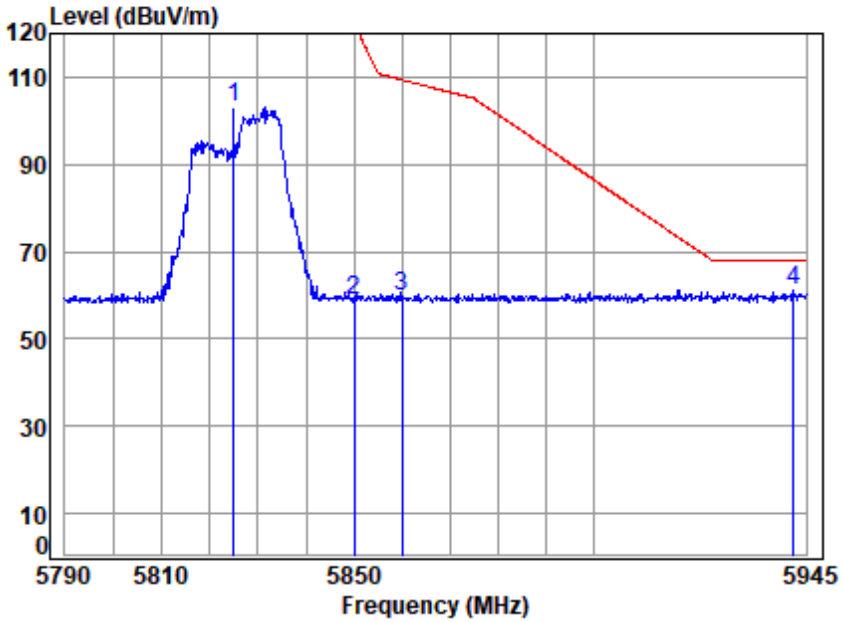



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5825 Band edge
: 5.8G Wi-Fi 11AX20 RU106

| | 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 | 5825.000 | 10.99 | 33.50 | 30.57 | 85.53 | 99.45 | ------ | ------ | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 44.59 | 58.58 | 122.20 | -63.62 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 45.71 | 59.67 | 109.40 | -49.73 | peak |
| 4 pp | 5931.352 | 10.86 | 33.56 | 30.53 | 46.68 | 60.57 | 68.20 | -7.63 | peak |

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11ax_20M_Partial_RU106_TX_CH_165_Vertical

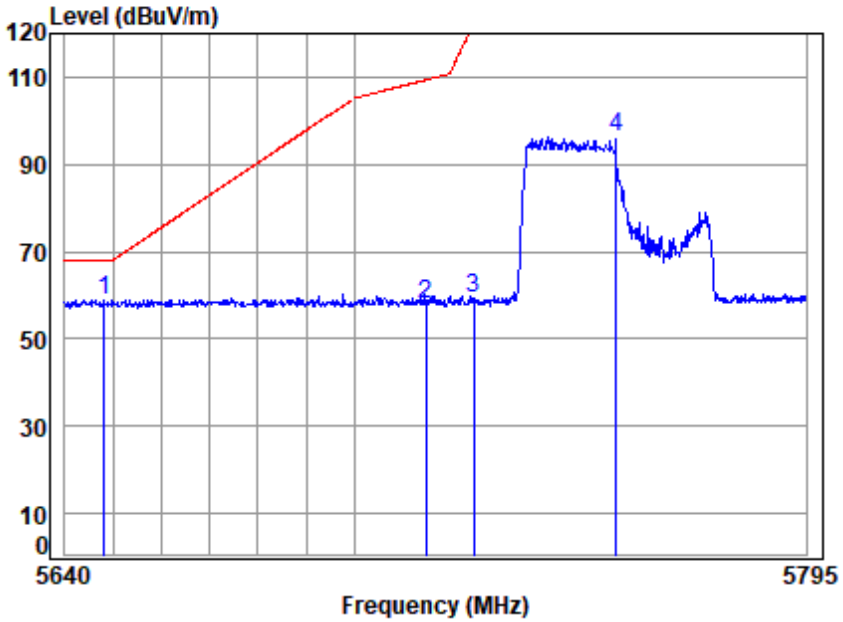



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5825 Band edge
: 5.8G Wi-Fi 11AX20 RU106

| | 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 | 5825.000 | 10.99 | 33.50 | 30.57 | 89.35 | 103.27 | ------ | ------ | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 44.69 | 58.68 | 122.20 | -63.52 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 45.71 | 59.67 | 109.40 | -49.73 | peak |
| 4 pp | 5942.331 | 10.86 | 33.58 | 30.52 | 47.09 | 61.01 | 68.20 | -7.19 | peak |

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11ax_40M_Partial_RU242_TX_CH_151_Horizontal

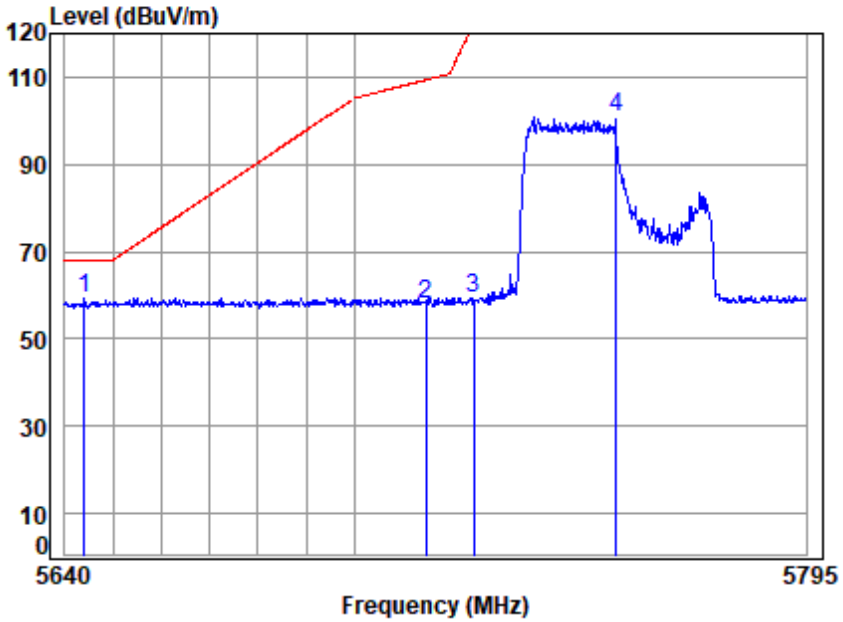



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5755 Band edge
: 5.8G Wi-Fi 11AX40 RU242

| | 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 pp | 5648.110 | 10.48 | 33.10 | 30.64 | 45.96 | 58.90 | 68.20 | -9.30 | peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 44.76 | 58.01 | 109.40 | -51.39 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 46.05 | 59.37 | 122.20 | -62.83 | peak |
| 4 | 5755.000 | 10.81 | 33.31 | 30.60 | 82.83 | 96.35 | ------ | ------ | peak |

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11ax_40M_Partial_RU242_TX_CH_151_Vertical

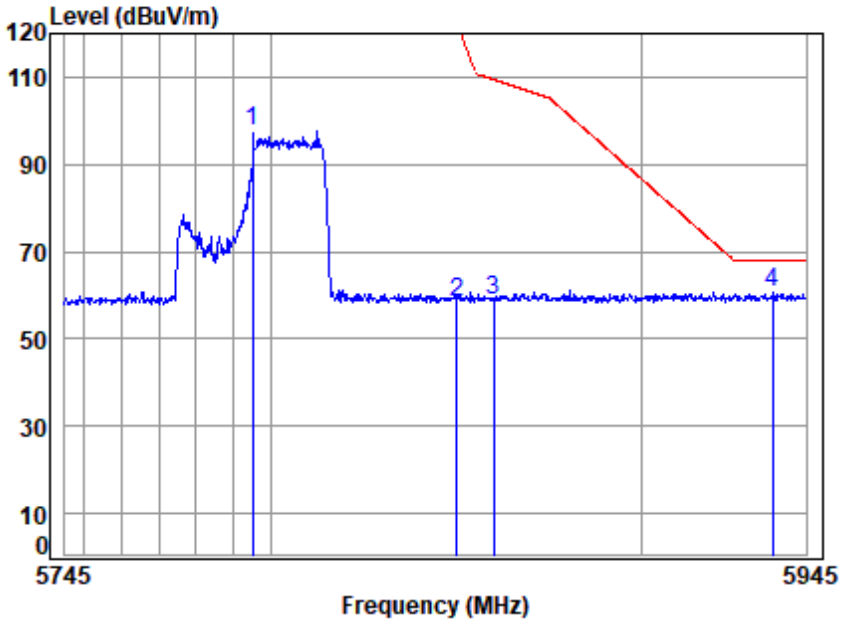



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5755 Band edge
: 5.8G Wi-Fi 11AX40 RU242

| | 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 pp | 5644.130 | 10.48 | 33.09 | 30.64 | 46.61 | 59.54 | 68.20 | -8.66 | peak |
| 2 | 5715.000 | 10.63 | 33.23 | 30.61 | 44.76 | 58.01 | 109.40 | -51.39 | peak |
| 3 | 5725.000 | 10.68 | 33.25 | 30.61 | 45.82 | 59.14 | 122.20 | -63.06 | peak |
| 4 | 5755.000 | 10.81 | 33.31 | 30.60 | 87.15 | 100.67 | ------ | ------ | peak |

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11ax_40M_Partial_RU242_TX_CH_159_Horizontal

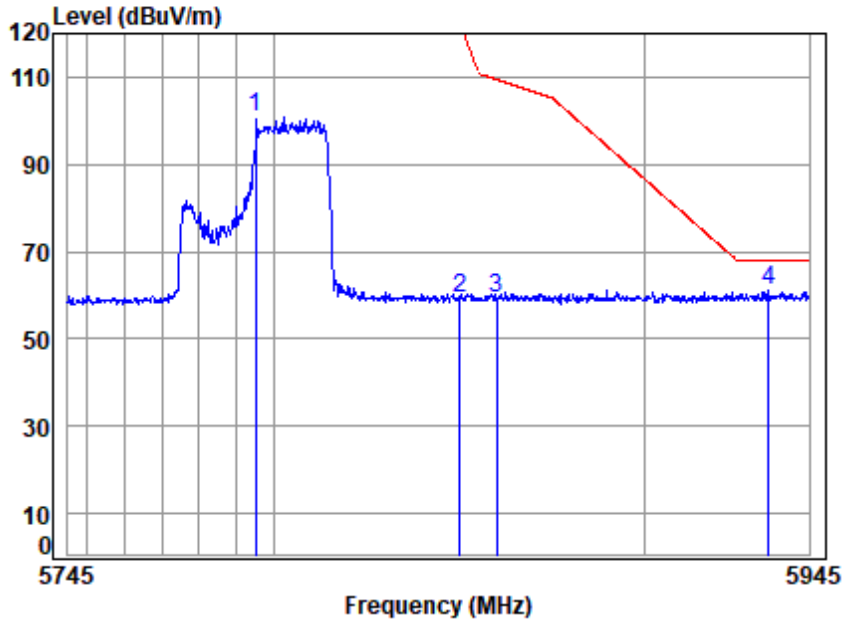



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5795 Band edge
: 5.8G Wi-Fi 11AX40 RU242

| | 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 | 5795.000 | 11.00 | 33.39 | 30.58 | 84.02 | 97.83 | ------ | ------ | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 44.46 | 58.45 | 122.20 | -63.75 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 45.07 | 59.03 | 109.40 | -50.37 | peak |
| 4 pp | 5935.852 | 10.86 | 33.57 | 30.53 | 46.83 | 60.73 | 68.20 | -7.47 | peak |

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11ax_40M_Partial_RU242_TX_CH_159_Vertical

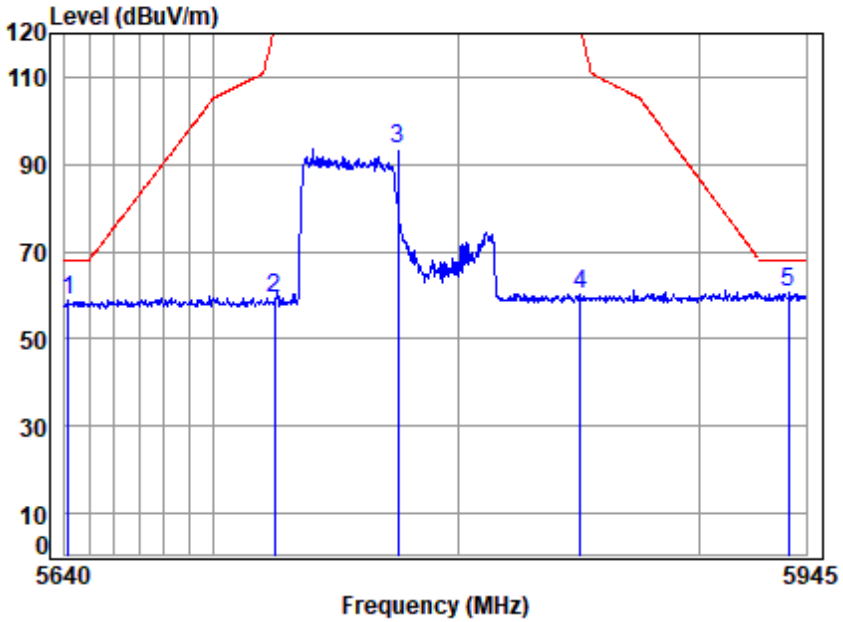



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5795 Band edge
: 5.8G Wi-Fi 11AX40 RU242

| | 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 | 5795.000 | 11.00 | 33.39 | 30.58 | 86.87 | 100.68 | ------ | ------ | peak |
| 2 | 5850.000 | 10.95 | 33.60 | 30.56 | 45.20 | 59.19 | 122.20 | -63.01 | peak |
| 3 | 5860.000 | 10.94 | 33.58 | 30.56 | 45.48 | 59.44 | 109.40 | -49.96 | peak |
| 4 pp | 5934.024 | 10.86 | 33.57 | 30.53 | 47.10 | 61.00 | 68.20 | -7.20 | peak |

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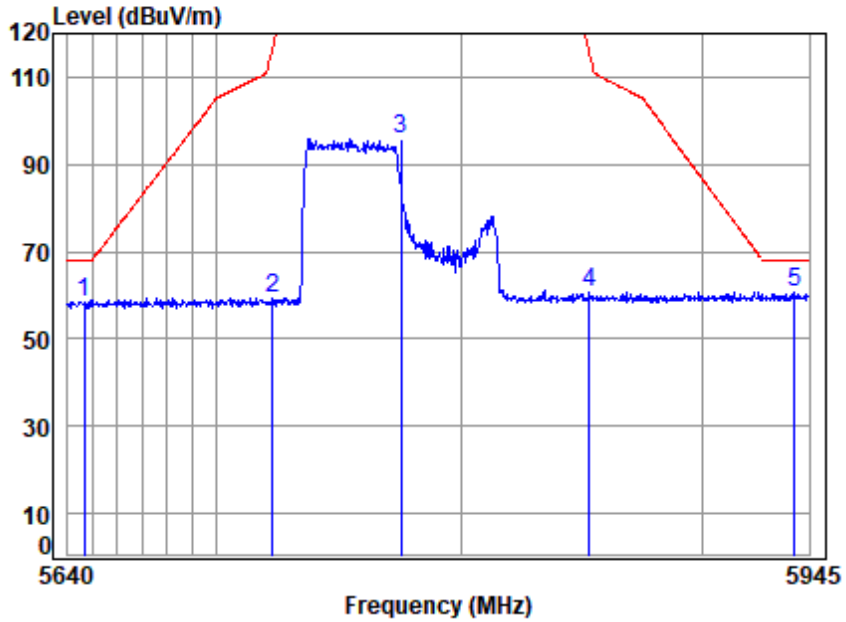

Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5775 Band edge
: 5.8G Wi-Fi 11AX80 RU484

| | 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 | 5641.485 | 10.47 | 33.08 | 30.64 | 45.85 | 58.76 | 68.20 | -9.44 | Peak |
| 2 | 5724.691 | 10.67 | 33.25 | 30.61 | 46.12 | 59.43 | 121.50 | -62.07 | peak |
| 3 | 5775.000 | 10.91 | 33.35 | 30.59 | 79.68 | 93.35 | ------ | ------ | peak |
| 4 | 5850.575 | 10.95 | 33.60 | 30.56 | 46.11 | 60.10 | 120.89 | -60.79 | Peak |
| 5 pp | 5937.803 | 10.86 | 33.58 | 30.52 | 46.82 | 60.74 | 68.20 | -7.46 | peak |

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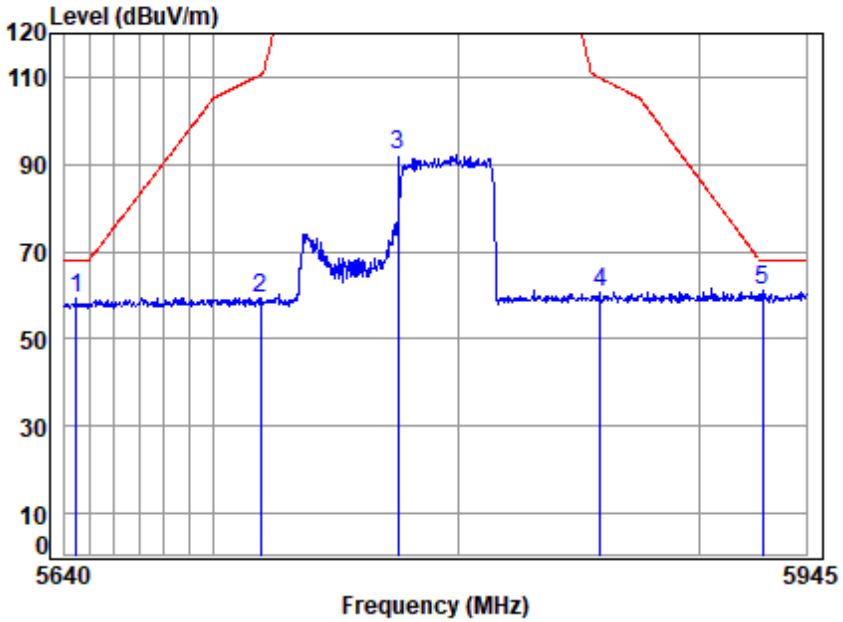



Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5775 Band edge
: 5.8G Wi-Fi 11AX80 RU484

| | 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 | 5646.539 | 10.48 | 33.09 | 30.64 | 45.59 | 58.52 | 68.20 | -9.68 | Peak |
| 2 | 5722.582 | 10.66 | 33.25 | 30.61 | 46.08 | 59.38 | 116.69 | -57.31 | peak |
| 3 | 5775.000 | 10.91 | 33.35 | 30.59 | 82.10 | 95.77 | ------ | ------ | peak |
| 4 | 5853.041 | 10.95 | 33.59 | 30.56 | 46.71 | 60.69 | 115.27 | -54.58 | peak |
| 5 pp | 5938.741 | 10.86 | 33.58 | 30.52 | 46.58 | 60.50 | 68.20 | -7.70 | peak |

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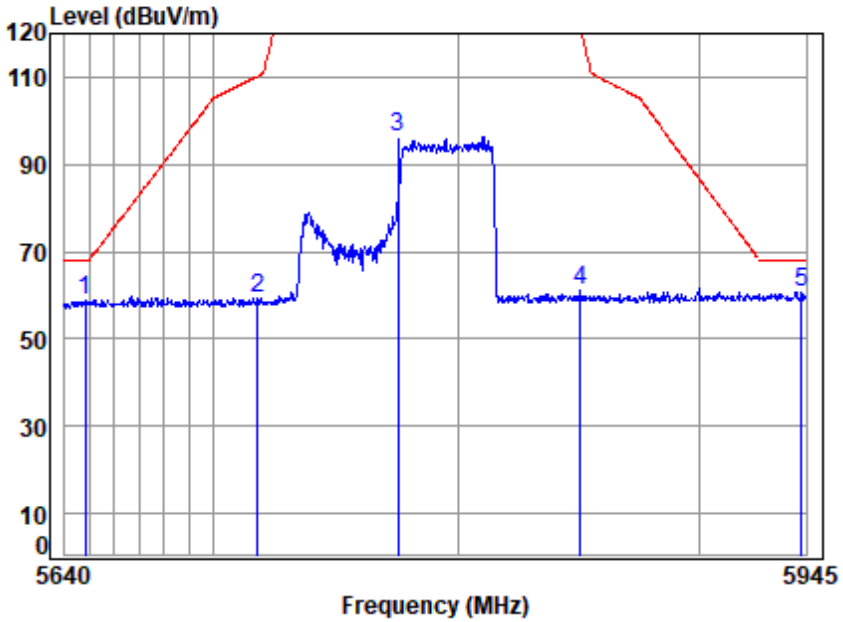



Condition: 3m HORIZONTAL
Job No : 04715WM
Mode : 5775 Band edge
: 5.8G Wi-Fi 11AX80 RU484

| | 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 | 5644.754 | 10.48 | 33.09 | 30.64 | 46.22 | 59.15 | 68.20 | -9.05 | Peak |
| 2 | 5718.966 | 10.65 | 33.24 | 30.61 | 45.99 | 59.27 | 110.51 | -51.24 | peak |
| 3 | 5775.000 | 10.91 | 33.35 | 30.59 | 78.43 | 92.10 | ------ | ------ | peak |
| 4 | 5858.592 | 10.94 | 33.58 | 30.56 | 46.92 | 60.88 | 109.79 | -48.91 | peak |
| 5 pp | 5926.868 | 10.87 | 33.55 | 30.53 | 47.23 | 61.12 | 68.20 | -7.08 | peak |

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11ax_80M_Partial_RU484_TX_CH_155_Vertical




Condition: 3m VERTICAL
Job No : 04715WM
Mode : 5775 Band edge
: 5.8G Wi-Fi 11AX80 RU484

| | 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 | 5648.323 | 10.48 | 33.10 | 30.64 | 45.81 | 58.75 | 68.20 | -9.45 | Peak |
| 2 | 5717.761 | 10.64 | 33.24 | 30.61 | 46.19 | 59.46 | 110.17 | -50.71 | peak |
| 3 | 5775.000 | 10.91 | 33.35 | 30.59 | 82.51 | 96.18 | ------ | ------ | peak |
| 4 | 5850.575 | 10.95 | 33.60 | 30.56 | 47.24 | 61.23 | 120.89 | -59.66 | Peak |
| 5 pp | 5943.122 | 10.86 | 33.59 | 30.52 | 46.68 | 60.61 | 68.20 | -7.59 | peak |

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## 7.5 Duty Cycle

Test Requirement ANSI C63.10 (2013) Section 12.2
Test Method: ANSI C63.10 (2020) Section 12.2
Test Engineer: Byron Liang

### 7.5.1 E.U.T. Operation

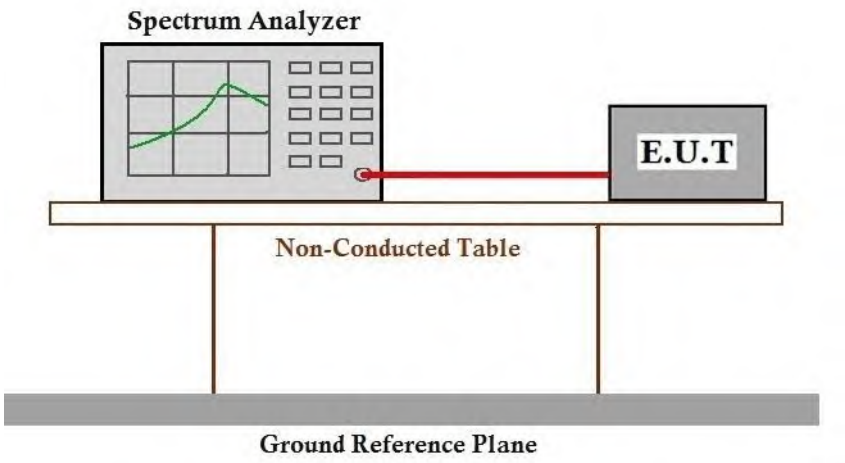
Operating Environment:
Temperature: 21.0 °C Humidity: 53.9 % RH Atmospheric Pressure: 1020 mbar

### 7.5.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 14 | TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 15 | TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 16 | TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 17 | TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |

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### 7.5.3 Test Setup Diagram




### 7.5.4 Measurement Procedure and Data

Please Refer to Appendix for Details

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## 7.6 99% Bandwidth

Test Requirement ANSI C63.10 (2013) Section 12.4.2
Test Method: ANSI C63.10 (2020) Section 12.5.3
Test Engineer: Byron Liang

### 7.6.1 E.U.T. Operation

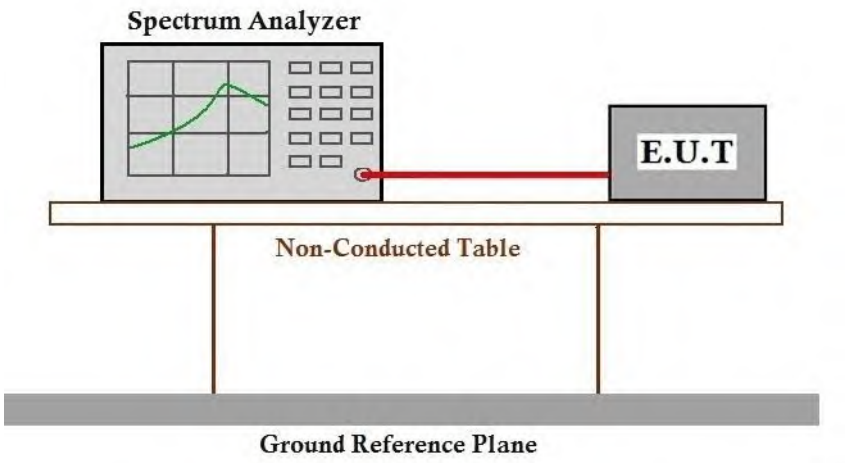
Operating Environment:
Temperature: 21.0 °C Humidity: 53.9 % RH Atmospheric Pressure: 1020 mbar

### 7.6.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 14 | TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 15 | TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 16 | TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 17 | TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |

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### 7.6.3 Test Setup Diagram




### 7.6.4 Measurement Procedure and Data

Please Refer to Appendix for Details

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## 7.7 26dB Emission bandwidth

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)
Test Method: ANSI C63.10 (2020) Section 12.5.2
Test Engineer: Byron Liang

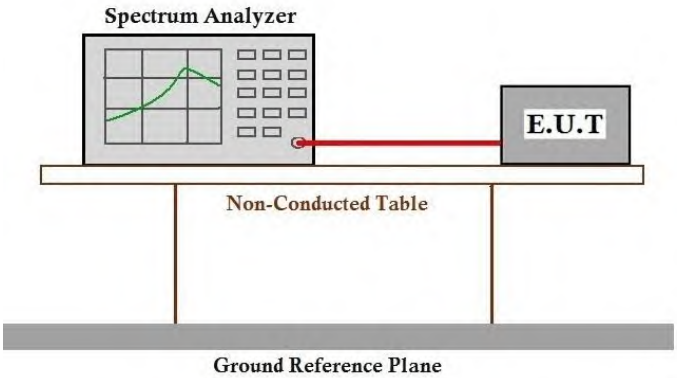
### 7.7.1 E.U.T. Operation

Operating Environment:
Temperature: 21.0 °C Humidity: 53.9 % RH Atmospheric Pressure: 1020 mbar

### 7.7.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 14 | TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 15 | TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 16 | TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |

### 7.7.3 Test Setup Diagram




### 7.7.4 Measurement Procedure and Data

Please Refer to Appendix for Details

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## 7.8 Minimum 6 dB bandwidth (5.725-5.85 GHz band )

Test Requirement 47 CFR Part 15, Subpart E 15.407 (e)
Test Method: ANSI C63.10 (2020) Section 12.5.1
Test Engineer: Byron Liang

Limit:

| Frequency band(MHz) | Limit |
|---|---|
| 5725-5850 | ≥500 kHz |

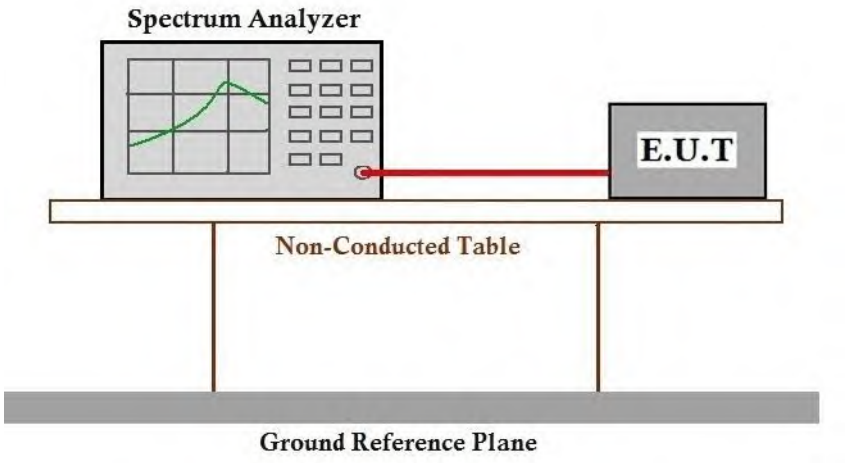
### 7.8.1 E.U.T. Operation

Operating Environment:
Temperature: 21.0 °C Humidity: 53.9 % RH Atmospheric Pressure: 1020 mbar

### 7.8.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 17 | TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |

### 7.8.3 Test Setup Diagram




### 7.8.4 Measurement Procedure and Data

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## 7.9 Maximum Conducted output power

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)
Test Method: ANSI C63.10 (2020) Section 12.4
Test Engineer: Byron Liang

Limit:

| Frequency band(MHz) | Limit |
|---|---|
| 5150-5250 | ≤1W(30dBm) for master device |
| | ≤250mW(24dBm) for client device |
| 5250-5350 | ≤250mW(24dBm) or 11dBm+10logB* |
| 5470-5725 | ≤250mW(24dBm) or 11dBm+10logB* |
| 5725-5850 | ≤1W(30dBm) |
| Remark: | * Where B is the 26dB emission bandwidth in MHz.<br>The maximum conducted output power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms-equivalent voltage. |

### 7.9.1 E.U.T. Operation

Operating Environment:
Temperature: 21.0 °C Humidity: 53.9 % RH Atmospheric Pressure: 1020 mbar

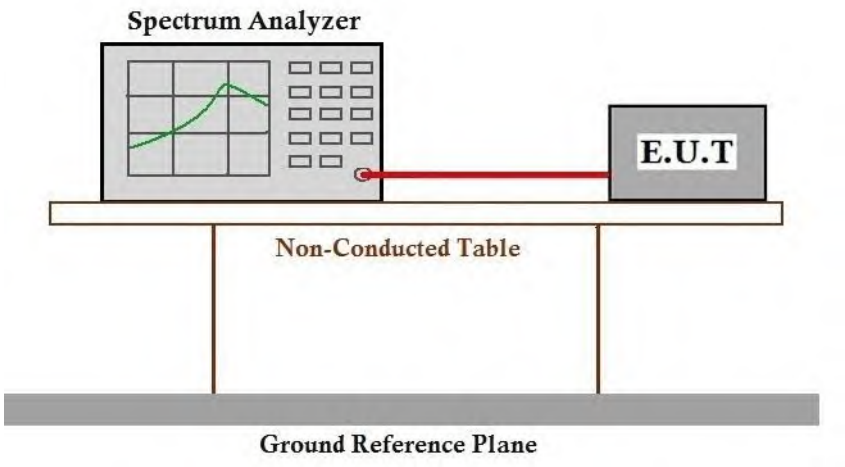
### 7.9.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 14 | TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 15 | TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 16 | TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |

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| | | |
|---|---|---|
| Final test | 17 | TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |

### 7.9.3 Test Setup Diagram




### 7.9.4 Measurement Procedure and Data

Note: Since the verify power the same operating range bandwidth and smaller power can be covered by the higher power.

AV Output power Level = Reading level +Cable loss + DCCF

Please Refer to Appendix for Details

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## 7.10 Peak Power spectrum density

Test Requirement 47 CFR Part 15, Subpart E 15.407 (a)
Test Method: ANSI C63.10 (2020) Section 12.6
Test Engineer: Byron Liang

Limit:

| Frequency band(MHz) | Limit |
|---|---|
| 5150-5250 | ≤17dBm in 1MHz for master device |
| | ≤11dBm in 1MHz for client device |
| 5250-5350 | ≤11dBm in 1MHz for client device |
| 5470-5725 | ≤11dBm in 1MHz for client device |
| 5725-5850 | ≤30dBm in 500 kHz |
| Remark: | The maximum power spectral density is measured as a conducted emission by direct connection of a calibrated test instrument to the equipment under test. |

### 7.10.1 E.U.T. Operation

Operating Environment:
Temperature: 21.0 °C Humidity: 53.9 % RH Atmospheric Pressure: 1020 mbar

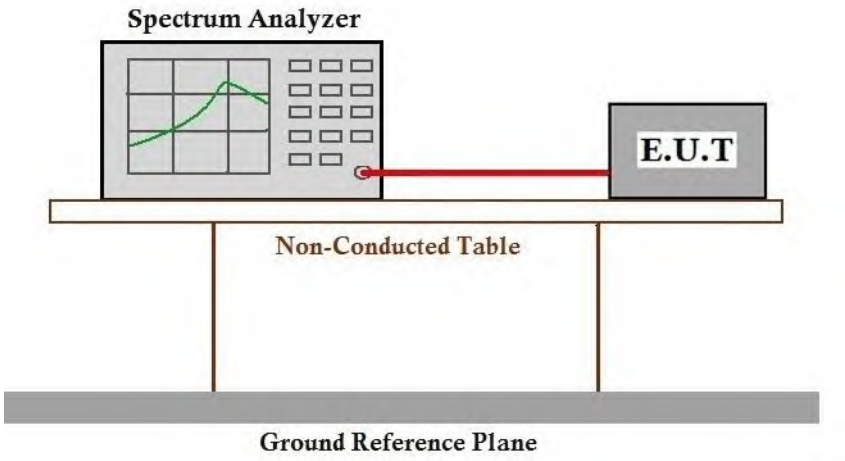
### 7.10.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 14 | TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 15 | TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 16 | TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 17 | TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is |

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| | | |
|---|---|---|
| | | recorded in the report. |

### 7.10.3 Test Setup Diagram




### 7.10.4 Measurement Procedure and Data

RBW conversion factor from 300kHz to 500kHz (2.22dB) for UNII Band 3 has been considered.

Please Refer to Appendix for Details

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## 7.11 Frequency Stability

Test Requirement 47 CFR Part 15, Subpart E 15.407 (g)
Test Method: ANSI C63.10 (2020) Section 6.8
Test Engineer: Byron Liang

### 7.11.1 E.U.T. Operation

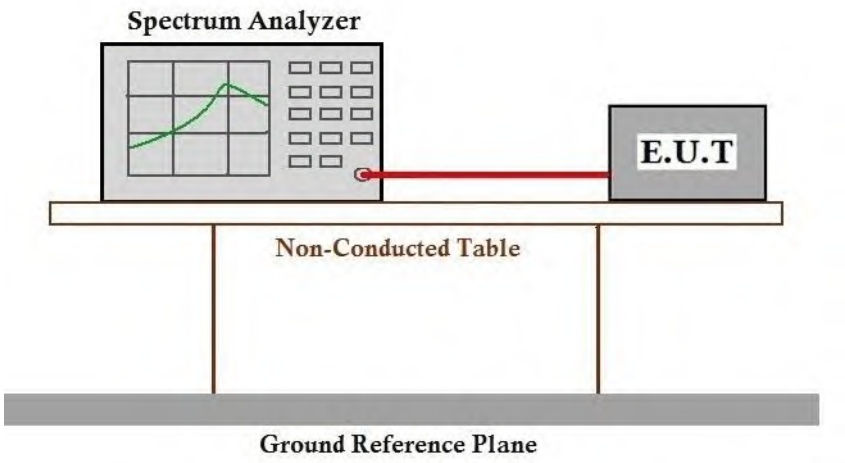
Operating Environment:
Temperature: 21.0 °C Humidity: 53.9 % RH Atmospheric Pressure: 1020 mbar

### 7.11.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 14 | TX mode (U-NII-1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 15 | TX mode (U-NII-2A) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 16 | TX mode (U-NII-2C) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |
| Final test | 17 | TX mode (U-NII-3) _Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n/ac/ax 20/40/80, Only the data of worst case is recorded in the report. |

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### 7.11.3 Test Setup Diagram




### 7.11.4 Measurement Procedure and Data

Please Refer to Appendix for Details

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## 7.12 Non-occupancy period

Test Requirement KDB 905462 D02 Section 5.1
Test Method: KDB 905462 D02 Section 7.8.3
Test Engineer: Joke Huang

Limit:

| Test item | Limit | Applicability | |
|---|---|---|---|
| | | Master Device or client with Radar Detection | Client without Radar Detection |
| Non-occupancy period | Minimum 30 minutes | Yes | Not required |
| Channel Availability Check Time | 60 seconds | Yes | Not required |
| Channel Move Time | 10 seconds<br>See Note 1. | Yes | Yes |
| Channel Closing Transmission Time | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period.<br>See Notes 1 and 2. | Yes | Yes |
| U-NII Detection Bandwidth | Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3. | Yes | Not required |

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

### 7.12.1 E.U.T. Operation

Operating Environment:

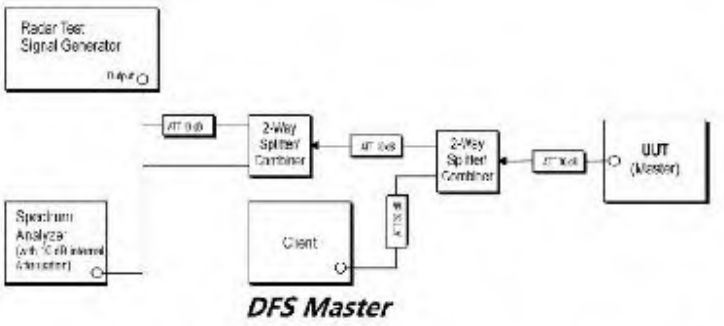
Temperature: 25.1 °C Humidity: 31.1 % RH Atmospheric Pressure: 1020 mbar

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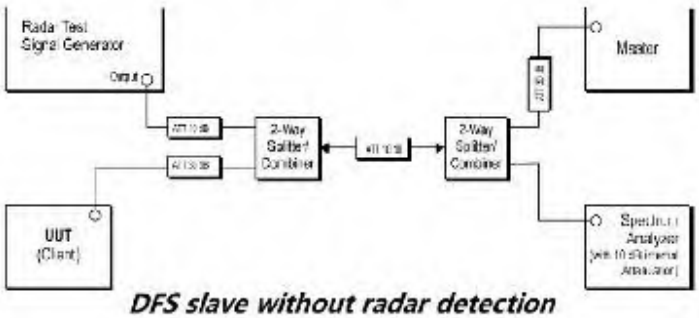
### 7.12.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 18 | Normal operating_Keep the EUT communication with the companion device. |

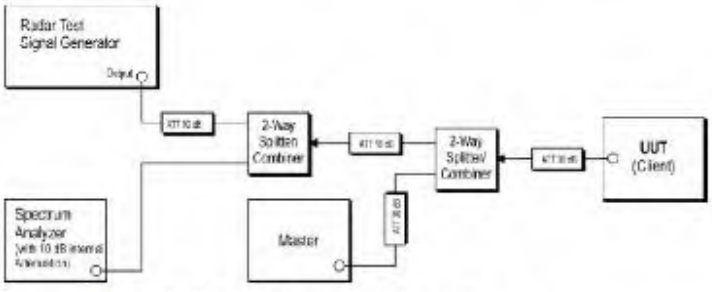
### 7.12.3 Test Setup Diagram




DFS Master




DFS slave without radar detection




DFS slave with radar detection

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### 7.12.4 Measurement Procedure and Data

1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.

2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.

3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.

4) EUT will associate with the master at channel. The file “iperf.exe” specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.

5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.

6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.

7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (0.3ms) =S (12000ms) / B (4000); where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: C (ms)= N X Dwell (0.3ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.

8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

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## 7.13 Channel Move Time

Test Requirement KDB 905462 D02 Section 5.1
Test Method: KDB 905462 D02 Section 7.8.3
Test Engineer: Joke Huang

Limit:

| Test item | Limit | Applicability | |
|---|---|---|---|
| | | Master Device or client with Radar Detection | Client without Radar Detection |
| Non-occupancy period | Minimum 30 minutes | Yes | Not required |
| Channel Availability Check Time | 60 seconds | Yes | Not required |
| Channel Move Time | 10 seconds<br>See Note 1. | Yes | Yes |
| Channel Closing Transmission Time | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period.<br>See Notes 1 and 2. | Yes | Yes |
| U-NII Detection Bandwidth | Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3. | Yes | Not required |

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

### 7.13.1 E.U.T. Operation

Operating Environment:

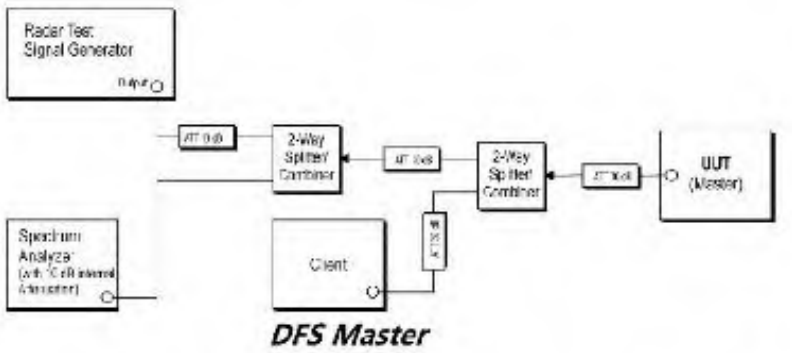
Temperature: 25.1 °C Humidity: 31.1 % RH Atmospheric Pressure: 1020 mbar

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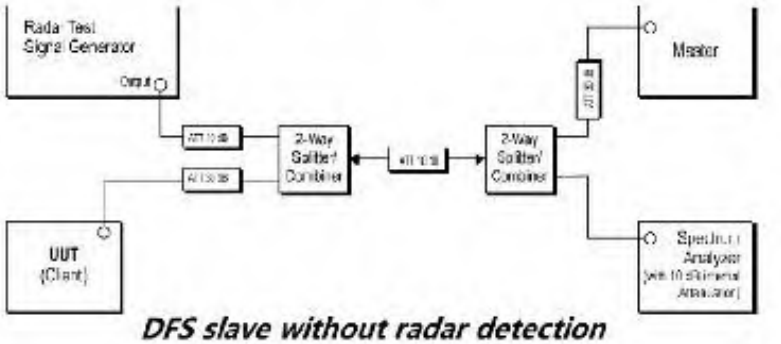
### 7.13.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 18 | Normal operating_Keep the EUT communication with the companion device. |

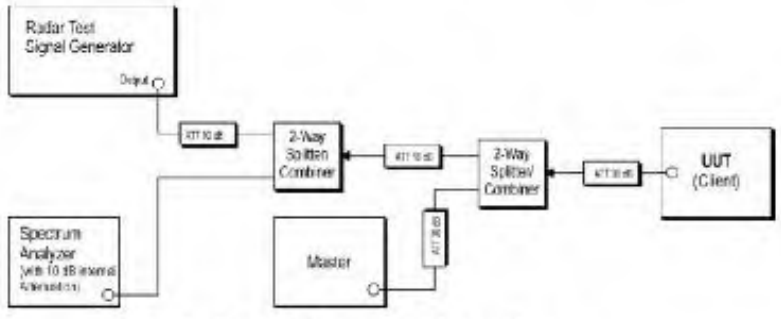
### 7.13.3 Test Setup Diagram




DFS Master




DFS slave without radar detection




DFS slave with radar detection

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### 7.13.4 Measurement Procedure and Data

1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.

2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.

3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.

4) EUT will associate with the master at channel. The file “iperf.exe” specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.

5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.

6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.

7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (0.3ms) =S (12000ms) / B (4000); where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: C (ms)= N X Dwell (0.3ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.

8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details

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## 7.14 Channel Closing Transmission Time

Test Requirement KDB 905462 D02 Section 5.1
Test Method: KDB 905462 D02 Section 7.8.3
Test Engineer: Joke Huang

Limit:

| Test item | Limit | Applicability | |
|---|---|---|---|
| | | Master Device or client with Radar Detection | Client without Radar Detection |
| Non-occupancy period | Minimum 30 minutes | Yes | Not required |
| Channel Availability Check Time | 60 seconds | Yes | Not required |
| Channel Move Time | 10 seconds<br>See Note 1. | Yes | Yes |
| Channel Closing Transmission Time | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period.<br>See Notes 1 and 2. | Yes | Yes |
| U-NII Detection Bandwidth | Minimum 100% of the U-NII 99% transmission power bandwidth. See Note 3. | Yes | Not required |

Note 1: Channel Move Time and the Channel Closing Transmission Time should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst.

Note 2: The Channel Closing Transmission Time is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required to facilitate a Channel move (an aggregate of 60 milliseconds) during the remainder of the 10 second period. The aggregate duration of control signals will not count quiet periods in between transmissions.

Note 3: During the U-NII Detection Bandwidth detection test, radar type 0 should be used. For each frequency step the minimum percentage of detection is 90 percent. Measurements are performed with no data traffic.

### 7.14.1 E.U.T. Operation

Operating Environment:

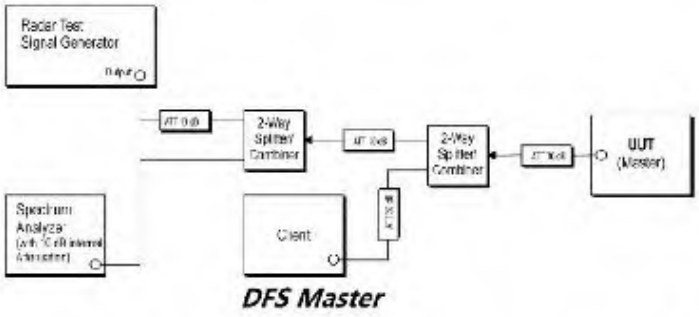
Temperature: 25.1 °C Humidity: 31.1 % RH Atmospheric Pressure: 1020 mbar

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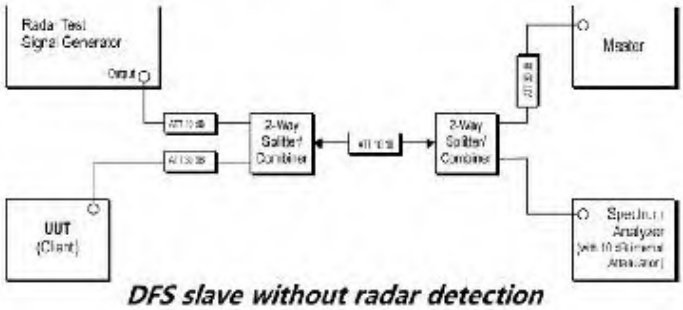
### 7.14.2 Test Mode Description

| Pre-scan / Final test | Mode Code | Description |
|---|---|---|
| Final test | 18 | Normal operating_Keep the EUT communication with the companion device. |

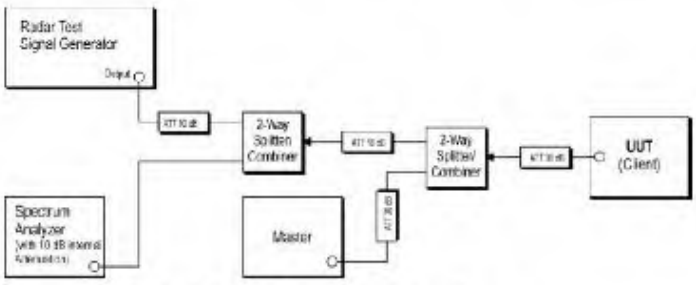
### 7.14.3 Test Setup Diagram




DFS Master




DFS slave without radar detection




DFS slave with radar detection

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### 7.14.4 Measurement Procedure and Data

1) The radar pulse generator is setup to provide a pulse at frequency that the master and client are operating. A type 0 radar pulse with a 1us pulse width and a 1428us PRI is used for the testing.

2) The vector signal generator is adjusted to provide the radar burst (18 pulses) at the level of approximately -61dBm at the antenna port of the master device.

3) A trigger is provided from the pulse generator to the DFS monitoring system in order to capture the traffic and the occurrence of the radar pulse.

4) EUT will associate with the master at channel. The file “iperf.exe” specified by the FCC is streamed from the PC 2 through the master and the client device to the PC 1 and played in full motion video using Media Player Classic Ver. 6.4.8.6 in order to properly load the network for the entire period of the test.

5) When radar burst with a level equal to the DFS Detection Threshold +1dB is generated on the operating channel of the U-NII device. At time T0 the radar waveform generator sends a burst of pulse of the radar waveform at Detection Threshold +1dB.

6) Observe the transmissions of the EUT at the end of the radar Burst on the Operating Channel. Measure and record the transmissions from the UUT during the observation time (Channel Move Time). One 15 seconds plot is reported for the Short Pulse Radar Type 0. The plot for the Short Pulse Radar Types start at the end of the radar burst. The Channel Move Time will be calculated based on the zoom in 600ms plot of the Short Pulse Radar Type.

7) Measurement of the aggregate duration of the Channel Closed Transmission Time method. With the spectrum analyzer set to zero span tuned to the center frequency of the EUT operating channel at the radar simulated frequency, peak detection, and max hold, the dwell time per bin is given by: Dwell (0.3ms) =S (12000ms) / B (4000); where Dwell is the dwell time per spectrum analyzer sampling bin, S is sweep time and B is the number of spectrum analyzer sampling bins. An upper bound of the aggregate duration of the intermittent control signals of Channel Closing Transmission Time is calculated by: C (ms)= N X Dwell (0.3ms); where C is the Closing Time, N is the number of spectrum analyzer sampling bins (intermittent control signals) showing a U-NII transmission and Dwell is the dwell time per bin.

8) Measurement the EUT for more than 30 minutes following the channel move time to verify that no transmission or beacons occur on this channel.

Please Refer to Appendix for Details

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# 8 Test Setup Photo

Please refer to SZCR2510004715WM Appendix_ Setup Photo-WLAN

# 9 EUT Constructional Details (EUT Photos)

Refer to Appendix – External and Internal Photos for SZCR2510004715WM

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# 10 Appendix

## 1. Duty Cycle

### 1.1 Test Result

#### 1.1.1 Ant12

| Ant12 | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Mode | TX Type | Frequency (MHz) | RU | RU Pos | T_on (ms) | Period (ms) | Duty Cycle (%) | Duty Cycle Correction Factor (dB) | Max. DC Variation (%) |
| 802.11a | SISO | 5180 | / | / | 1.393 | 1.435 | 97.07 | 0.13 | 0.00 |
| | | 5200 | / | / | 1.393 | 1.435 | 97.07 | 0.13 | 0.03 |
| | | 5240 | / | / | 1.393 | 1.435 | 97.07 | 0.13 | 0.03 |
| | | 5260 | / | / | 1.393 | 1.435 | 97.07 | 0.13 | 0.03 |
| | | 5300 | / | / | 1.393 | 1.435 | 97.07 | 0.13 | 0.00 |
| | | 5320 | / | / | 1.394 | 1.436 | 97.08 | 0.13 | 0.03 |
| | | 5500 | / | / | 1.393 | 1.435 | 97.07 | 0.13 | 0.00 |
| | | 5580 | / | / | 1.393 | 1.435 | 97.07 | 0.13 | 0.00 |
| | | 5700 | / | / | 1.392 | 1.435 | 97.00 | 0.13 | 0.03 |
| | | 5745 | / | / | 1.393 | 1.434 | 97.14 | 0.13 | 0.03 |
| | | 5785 | / | / | 1.393 | 1.435 | 97.07 | 0.13 | 0.00 |
| | | 5825 | / | / | 1.392 | 1.435 | 97.00 | 0.13 | 0.03 |
| | | 5720 | / | / | 1.393 | 1.435 | 97.07 | 0.13 | 0.03 |
| 802.11n (HT20) | MIMO | 5180 | / | / | 1.301 | 1.343 | 96.87 | 0.14 | 0.03 |
| | | 5200 | / | / | 1.301 | 1.343 | 96.87 | 0.14 | 0.03 |
| | | 5240 | / | / | 1.301 | 1.344 | 96.80 | 0.14 | 0.07 |
| | | 5260 | / | / | 1.301 | 1.343 | 96.87 | 0.14 | 0.03 |
| | | 5300 | / | / | 1.301 | 1.343 | 96.87 | 0.14 | 0.03 |
| | | 5320 | / | / | 1.301 | 1.343 | 96.87 | 0.14 | 0.07 |
| | | 5500 | / | / | 1.301 | 1.343 | 96.87 | 0.14 | 0.03 |
| | | 5580 | / | / | 1.301 | 1.343 | 96.87 | 0.14 | 0.03 |
| | | 5700 | / | / | 1.301 | 1.343 | 96.87 | 0.14 | 0.03 |
| | | 5745 | / | / | 1.301 | 1.343 | 96.87 | 0.14 | 0.03 |
| | | 5785 | / | / | 1.301 | 1.343 | 96.87 | 0.14 | 0.07 |
| | | 5825 | / | / | 1.302 | 1.344 | 96.88 | 0.14 | 0.03 |
| | | 5720 | / | / | 1.300 | 1.342 | 96.87 | 0.14 | 0.04 |
| 802.11n | MIMO | 5190 | / | / | 0.645 | 0.687 | 93.89 | 0.27 | 0.07 |

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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| (HT40) | | 5230 | / | / | 0.645 | 0.687 | 93.89 | 0.27 | 0.04 |
| | | 5270 | / | / | 0.645 | 0.687 | 93.89 | 0.27 | 0.07 |
| | | 5310 | / | / | 0.645 | 0.687 | 93.89 | 0.27 | 0.07 |
| | | 5510 | / | / | 0.645 | 0.687 | 93.89 | 0.27 | 0.03 |
| | | 5550 | / | / | 0.646 | 0.687 | 94.03 | 0.27 | 0.03 |
| | | 5670 | / | / | 0.645 | 0.687 | 93.89 | 0.27 | 0.03 |
| | | 5755 | / | / | 0.645 | 0.687 | 93.89 | 0.27 | 0.03 |
| | | 5795 | / | / | 0.645 | 0.687 | 93.89 | 0.27 | 0.03 |
| | | 5710 | / | / | 0.645 | 0.687 | 93.89 | 0.27 | 0.04 |
| 802.11ac (VHT20) | MIMO | 5180 | / | / | 1.309 | 1.351 | 96.89 | 0.14 | 0.07 |
| | | 5200 | / | / | 1.309 | 1.351 | 96.89 | 0.14 | 0.07 |
| | | 5240 | / | / | 1.309 | 1.351 | 96.89 | 0.14 | 0.03 |
| | | 5260 | / | / | 1.309 | 1.351 | 96.89 | 0.14 | 0.00 |
| | | 5300 | / | / | 1.309 | 1.351 | 96.89 | 0.14 | 0.00 |
| | | 5320 | / | / | 1.310 | 1.351 | 96.97 | 0.13 | 0.00 |
| | | 5500 | / | / | 1.310 | 1.351 | 96.97 | 0.13 | 0.00 |
| | | 5580 | / | / | 1.309 | 1.351 | 96.89 | 0.14 | 0.03 |
| | | 5700 | / | / | 1.309 | 1.351 | 96.89 | 0.14 | 0.07 |
| | | 5745 | / | / | 1.309 | 1.351 | 96.89 | 0.14 | 0.00 |
| | | 5785 | / | / | 1.309 | 1.351 | 96.89 | 0.14 | 0.00 |
| | | 5825 | / | / | 1.309 | 1.351 | 96.89 | 0.14 | 0.07 |
| | | 5720 | / | / | 1.308 | 1.351 | 96.82 | 0.14 | 0.03 |
| 802.11ac (VHT40) | MIMO | 5190 | / | / | 0.653 | 0.695 | 93.96 | 0.27 | 0.03 |
| | | 5230 | / | / | 0.654 | 0.695 | 94.10 | 0.26 | 0.03 |
| | | 5270 | / | / | 0.653 | 0.695 | 93.96 | 0.27 | 0.03 |
| | | 5310 | / | / | 0.653 | 0.695 | 93.96 | 0.27 | 0.03 |
| | | 5510 | / | / | 0.653 | 0.695 | 93.96 | 0.27 | 0.03 |
| | | 5550 | / | / | 0.653 | 0.695 | 93.96 | 0.27 | 0.03 |
| | | 5670 | / | / | 0.653 | 0.695 | 93.96 | 0.27 | 0.09 |
| | | 5755 | / | / | 0.654 | 0.695 | 94.10 | 0.26 | 0.03 |
| | | 5795 | / | / | 0.653 | 0.695 | 93.96 | 0.27 | 0.04 |
| | | 5710 | / | / | 0.653 | 0.694 | 94.09 | 0.26 | 0.00 |
| 802.11ac (VHT80) | MIMO | 5210 | / | / | 0.326 | 0.367 | 88.83 | 0.51 | 0.04 |
| | | 5290 | / | / | 0.325 | 0.367 | 88.56 | 0.53 | 0.20 |
| | | 5530 | / | / | 0.325 | 0.367 | 88.56 | 0.53 | 0.27 |
| | | 5610 | / | / | 0.326 | 0.368 | 88.59 | 0.53 | 0.20 |
| | | 5775 | / | / | 0.325 | 0.367 | 88.56 | 0.53 | 0.16 |
| | | 5690 | / | / | 0.325 | 0.367 | 88.56 | 0.53 | 0.07 |
| 802.11ax (HEW20) | MIMO | 5180 | RU242 | Left | 1.015 | 1.058 | 95.94 | 0.18 | 0.07 |
| | | 5200 | RU242 | Left | 1.015 | 1.057 | 96.03 | 0.18 | 0.03 |

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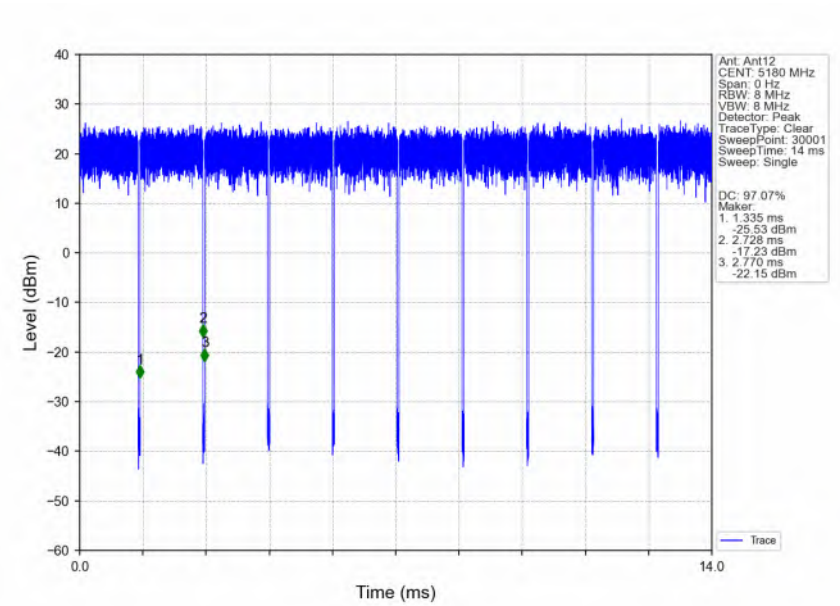
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | 5240 | RU242 | Left | 1.014 | 1.057 | 95.93 | 0.18 | 0.07 |
| | | 5260 | RU242 | Left | 1.014 | 1.057 | 95.93 | 0.18 | 0.03 |
| | | 5300 | RU242 | Left | 1.015 | 1.057 | 96.03 | 0.18 | 0.03 |
| | | 5320 | RU242 | Left | 1.015 | 1.057 | 96.03 | 0.18 | 0.03 |
| | | 5500 | RU242 | Left | 1.015 | 1.057 | 96.03 | 0.18 | 0.04 |
| | | 5580 | RU242 | Left | 1.015 | 1.058 | 95.94 | 0.18 | 0.03 |
| | | 5700 | RU242 | Left | 1.014 | 1.057 | 95.93 | 0.18 | 0.07 |
| | | 5745 | RU242 | Left | 1.015 | 1.057 | 96.03 | 0.18 | 0.03 |
| | | 5785 | RU242 | Left | 1.015 | 1.057 | 96.03 | 0.18 | 0.03 |
| | | 5825 | RU242 | Left | 1.015 | 1.057 | 96.03 | 0.18 | 0.03 |
| | | 5720 | RU242 | Left | 1.015 | 1.057 | 96.03 | 0.18 | 0.03 |
| 802.11ax (HEW40) | MIMO | 5190 | RU484 | Left | 0.535 | 0.577 | 92.72 | 0.33 | 0.03 |
| | | 5230 | RU484 | Left | 0.534 | 0.577 | 92.55 | 0.34 | 0.04 |
| | | 5270 | RU484 | Left | 0.535 | 0.577 | 92.72 | 0.33 | 0.00 |
| | | 5310 | RU484 | Left | 0.536 | 0.577 | 92.89 | 0.32 | 0.00 |
| | | 5510 | RU484 | Left | 0.534 | 0.577 | 92.55 | 0.34 | 0.04 |
| | | 5550 | RU484 | Left | 0.535 | 0.577 | 92.72 | 0.33 | 0.07 |
| | | 5670 | RU484 | Left | 0.535 | 0.577 | 92.72 | 0.33 | 0.03 |
| | | 5755 | RU484 | Left | 0.536 | 0.577 | 92.89 | 0.32 | 0.07 |
| | | 5795 | RU484 | Left | 0.535 | 0.577 | 92.72 | 0.33 | 0.13 |
| | | 5710 | RU484 | Left | 0.534 | 0.577 | 92.55 | 0.34 | 0.03 |
| 802.11ax (HEW80) | MIMO | 5210 | RU996 | Left | 0.288 | 0.331 | 87.01 | 0.60 | 0.03 |
| | | 5290 | RU996 | Left | 0.290 | 0.331 | 87.61 | 0.57 | 0.06 |
| | | 5530 | RU996 | Left | 0.288 | 0.331 | 87.01 | 0.60 | 0.11 |
| | | 5610 | RU996 | Left | 0.290 | 0.331 | 87.61 | 0.57 | 0.09 |
| | | 5775 | RU996 | Left | 0.289 | 0.331 | 87.31 | 0.59 | 0.03 |
| | | 5690 | RU996 | Left | 0.288 | 0.331 | 87.01 | 0.60 | 0.00 |

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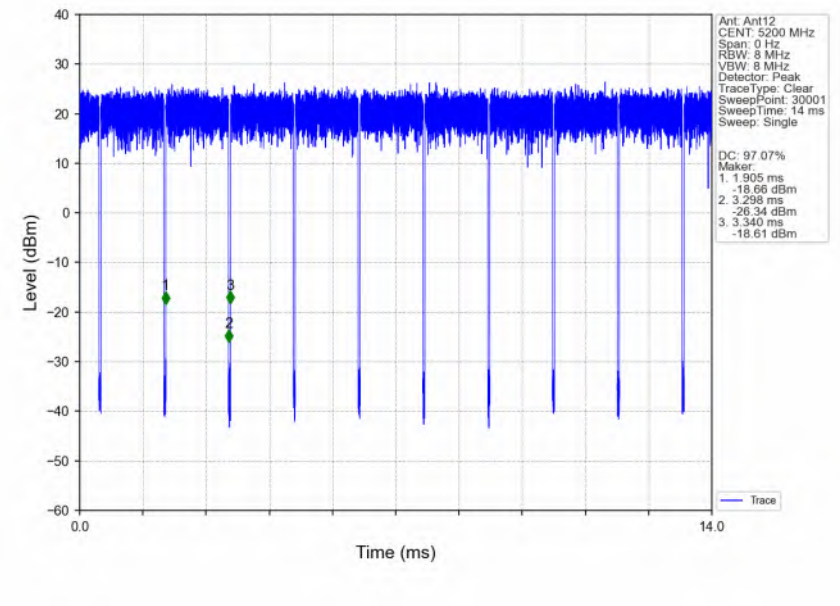
## 1.2 Test Graph

### 1.2.1 Ant12

802.11a_LCH_5180MHz_Ant12_NTNV

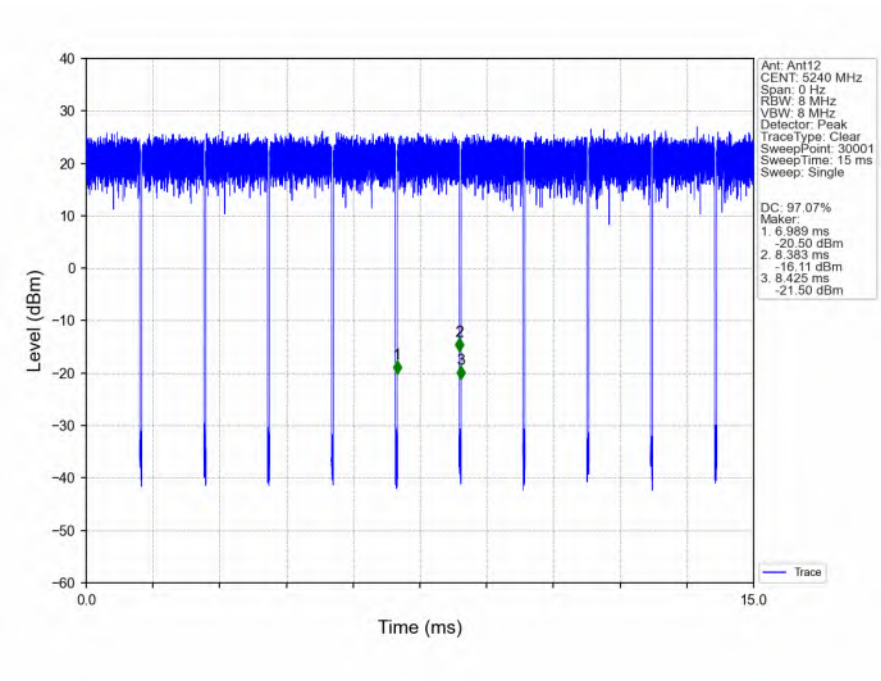



802.11a_MCH_5200MHz_Ant12_NTNV

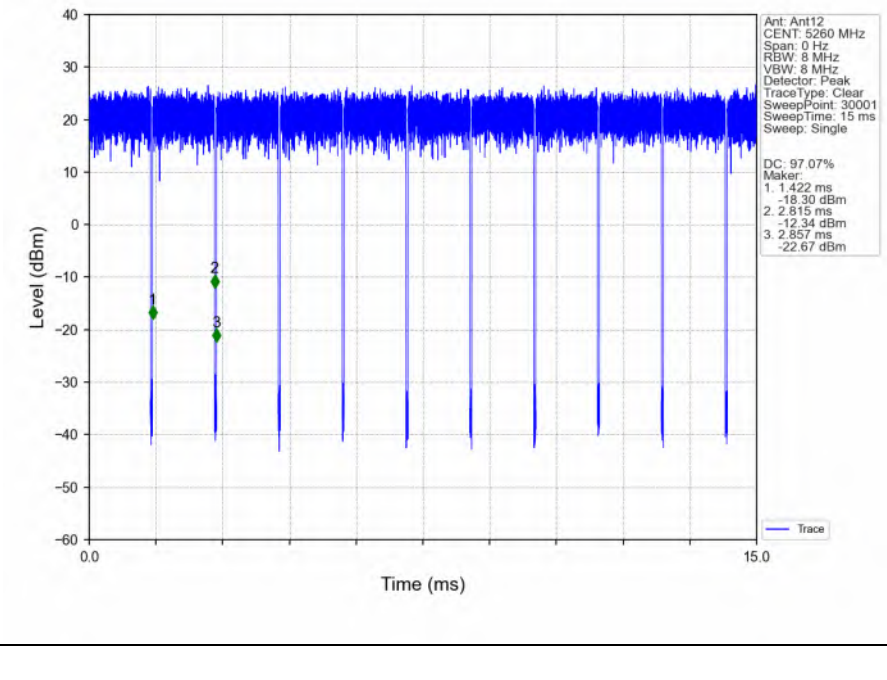



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802.11a_HCH_5240MHz_Ant12_NTNV

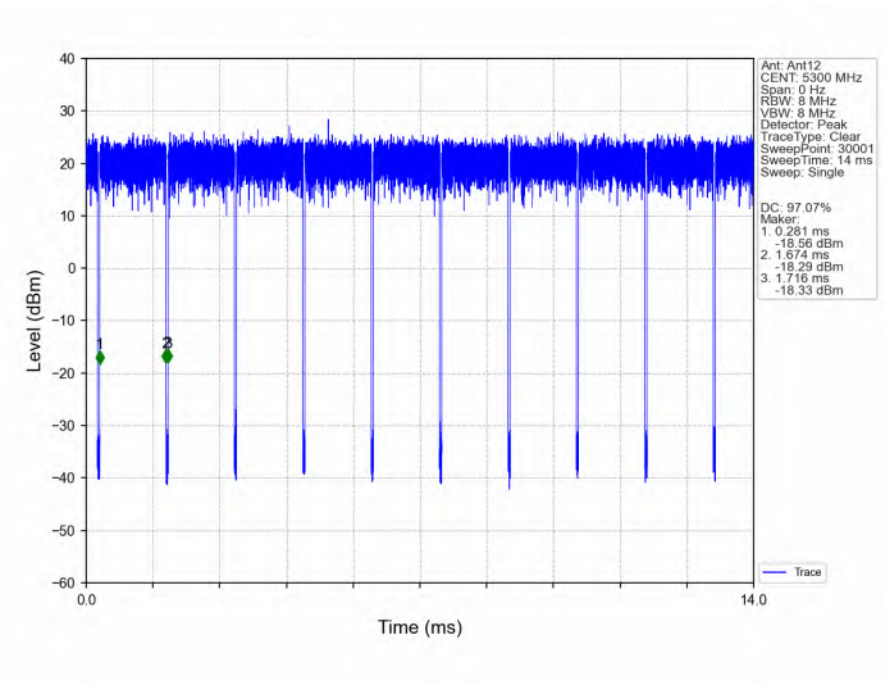



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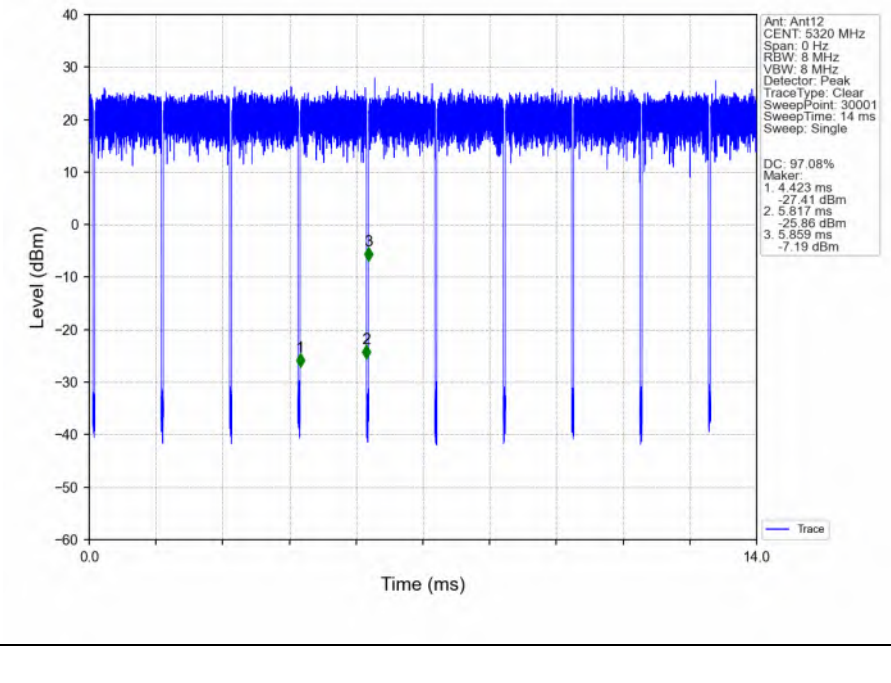



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802.11a_MCH_5300MHz_Ant12_NTNV

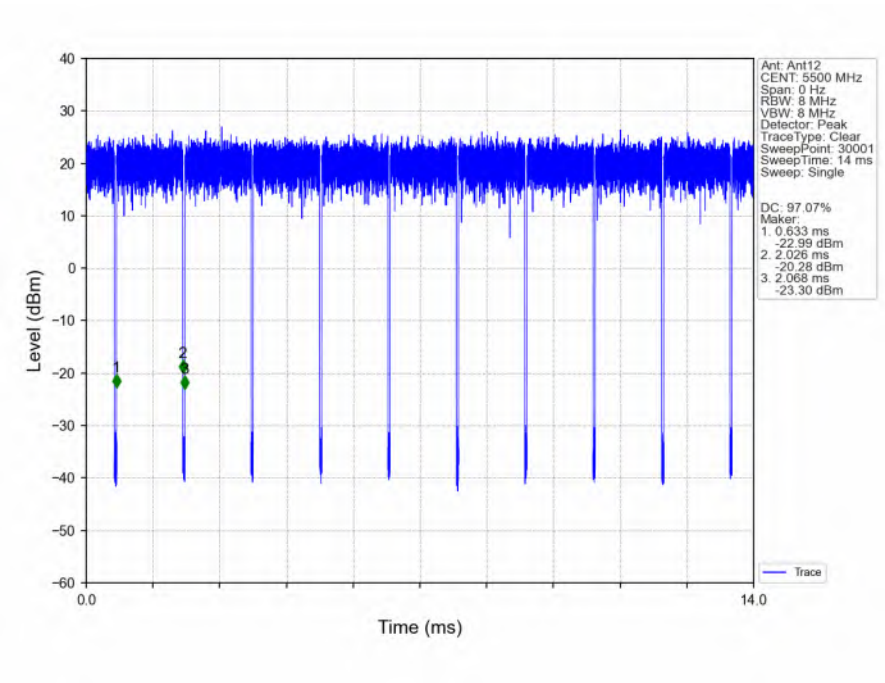



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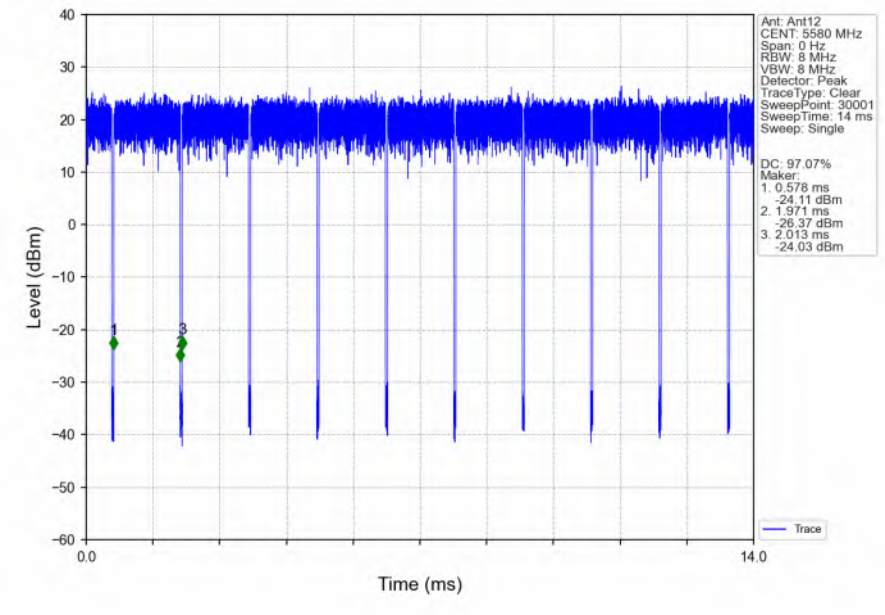



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802.11a_LCH_5500MHz_Ant12_NTNV

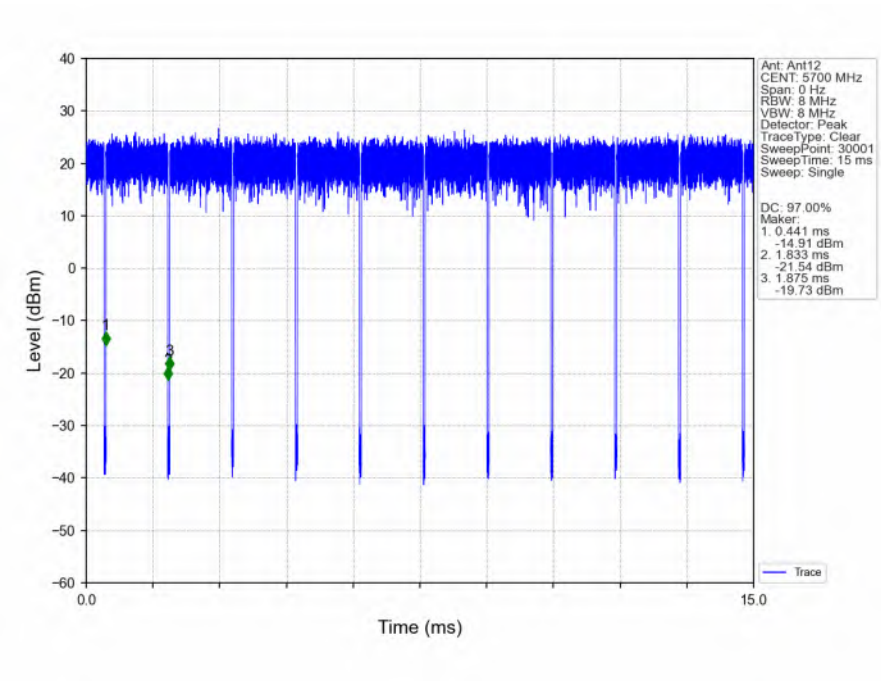



802.11a_MCH_5580MHz_Ant12_NTNV

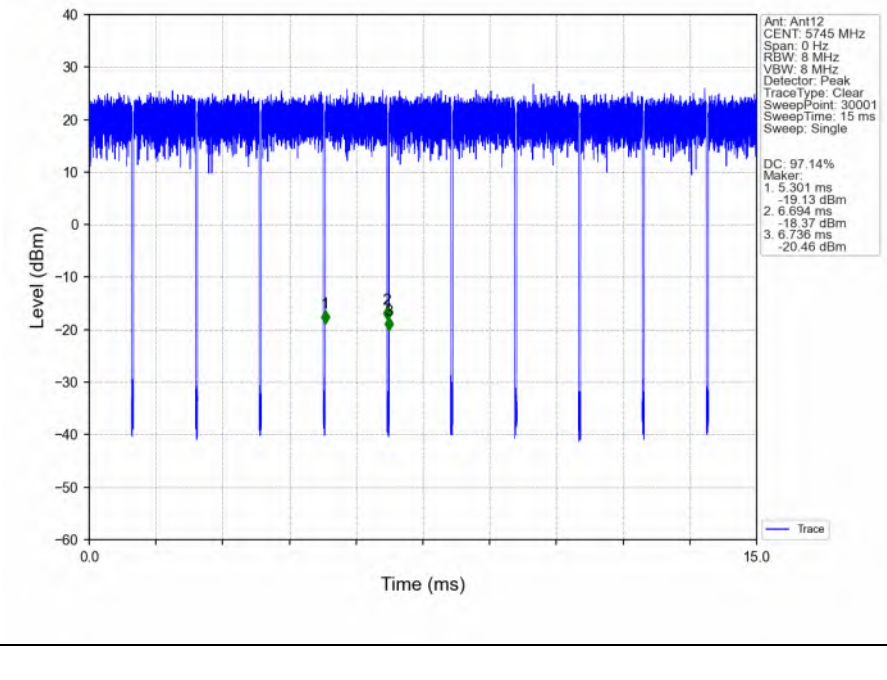



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802.11a_HCH_5700MHz_Ant12_NTNV

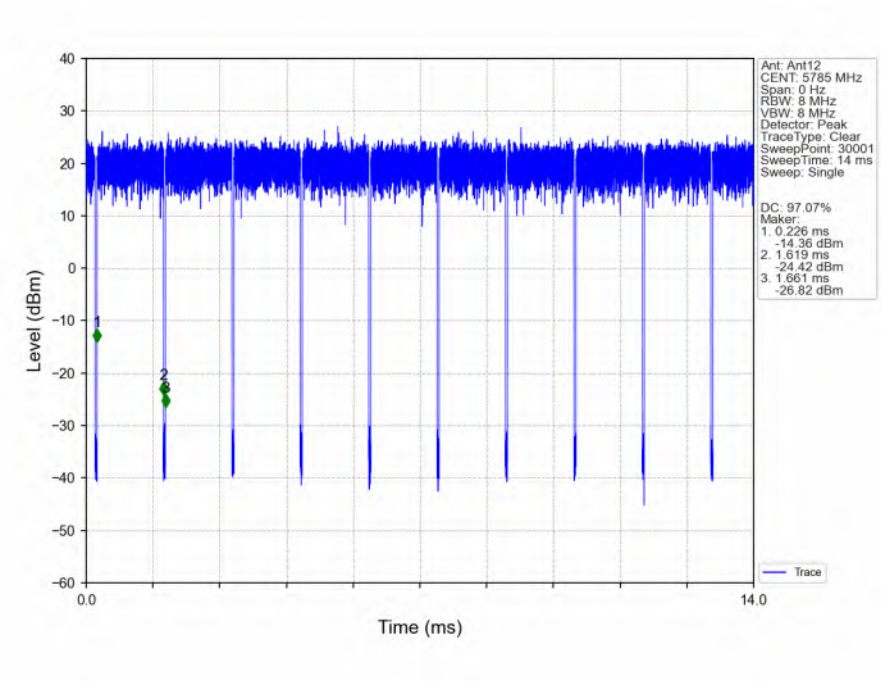



802.11a_LCH_5745MHz_Ant12_NTNV

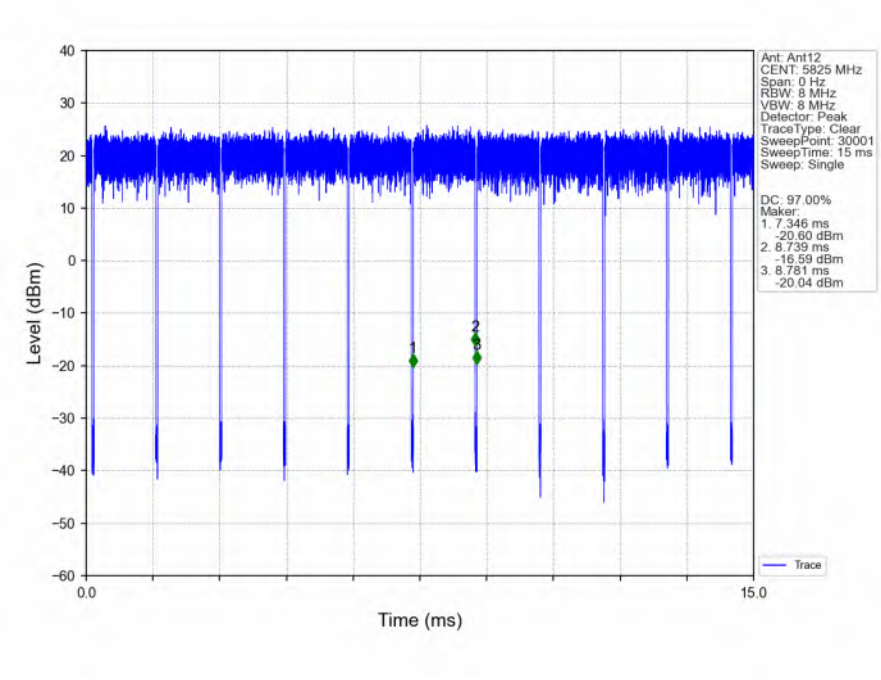



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802.11a_MCH_5785MHz_Ant12_NTNV

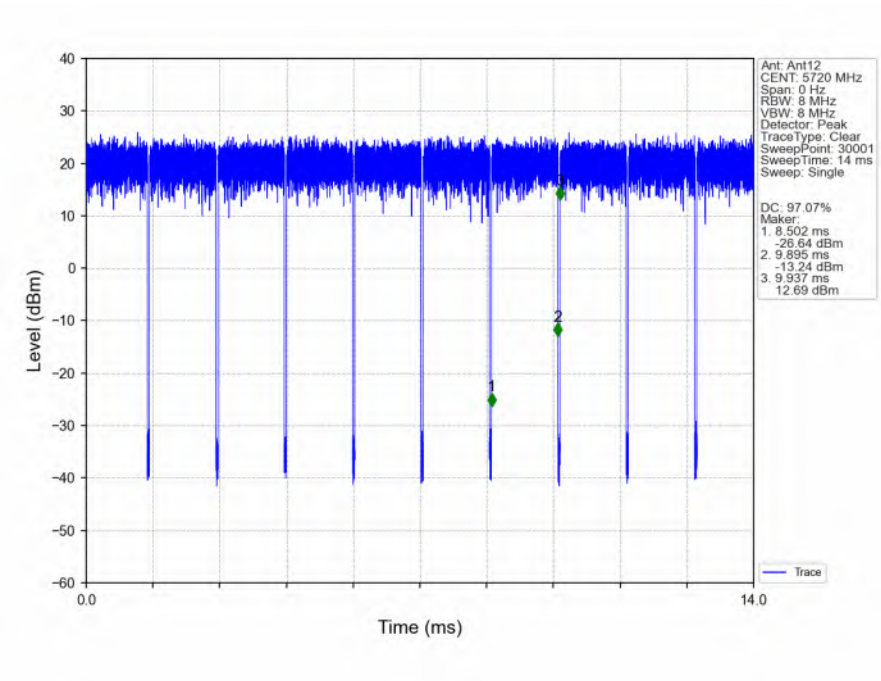



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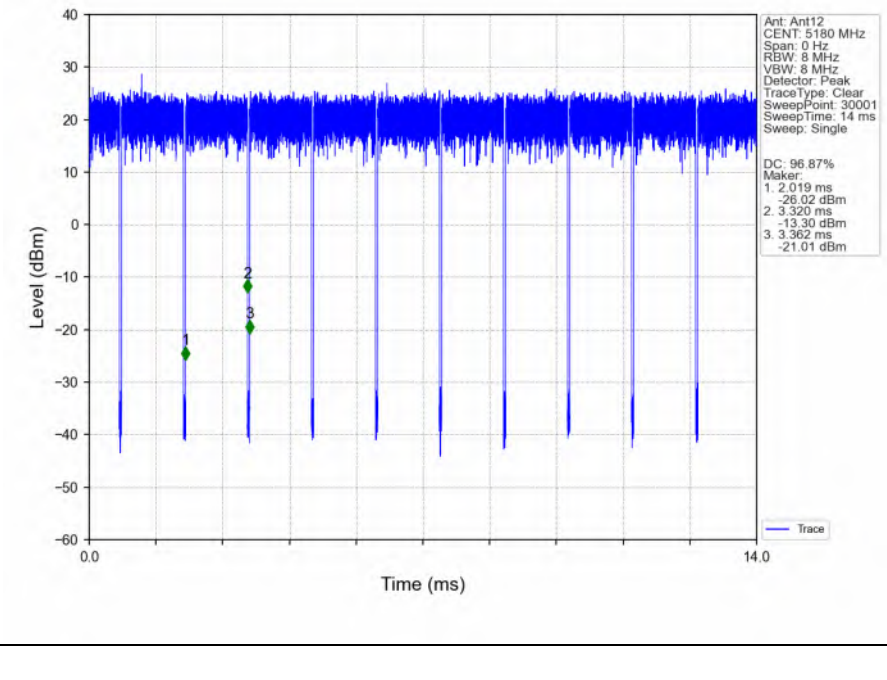



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802.11a_HCH_5720MHz_Ant12_NTNV

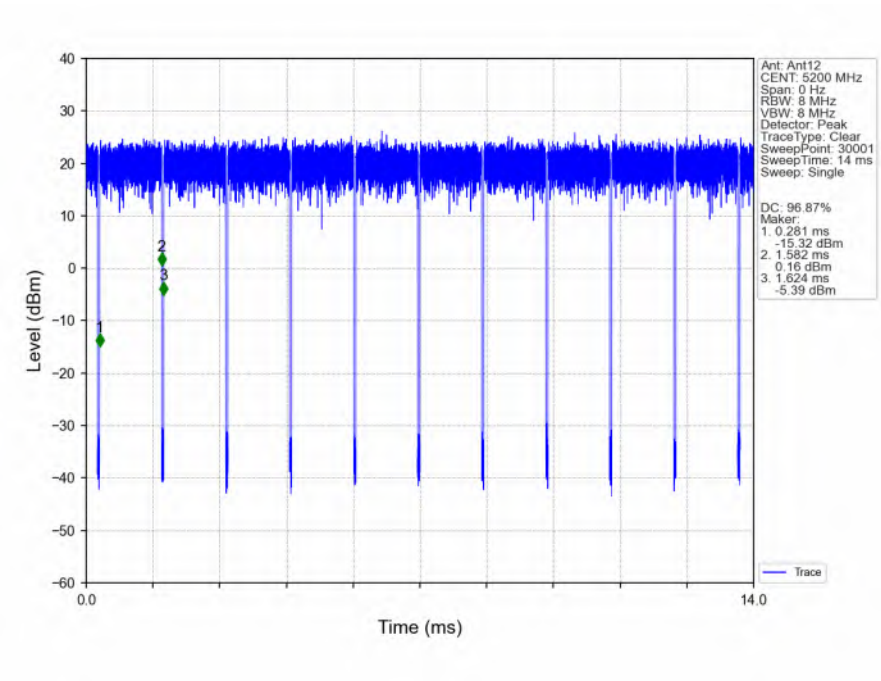



802.11n(HT20)_LCH_5180MHz_Ant12_NTNV

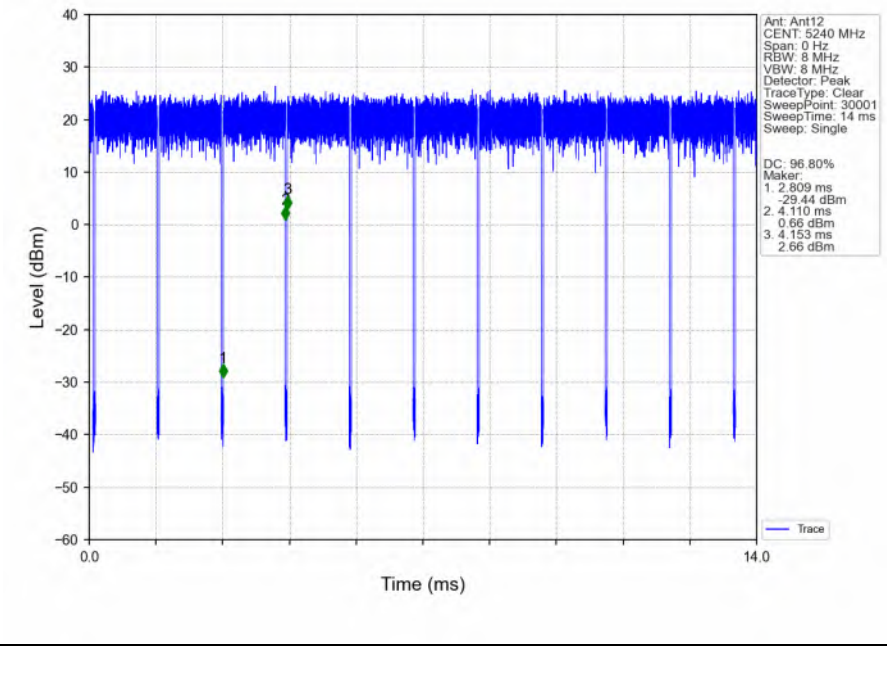



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802.11n(HT20)_MCH_5200MHz_Ant12_NTNV

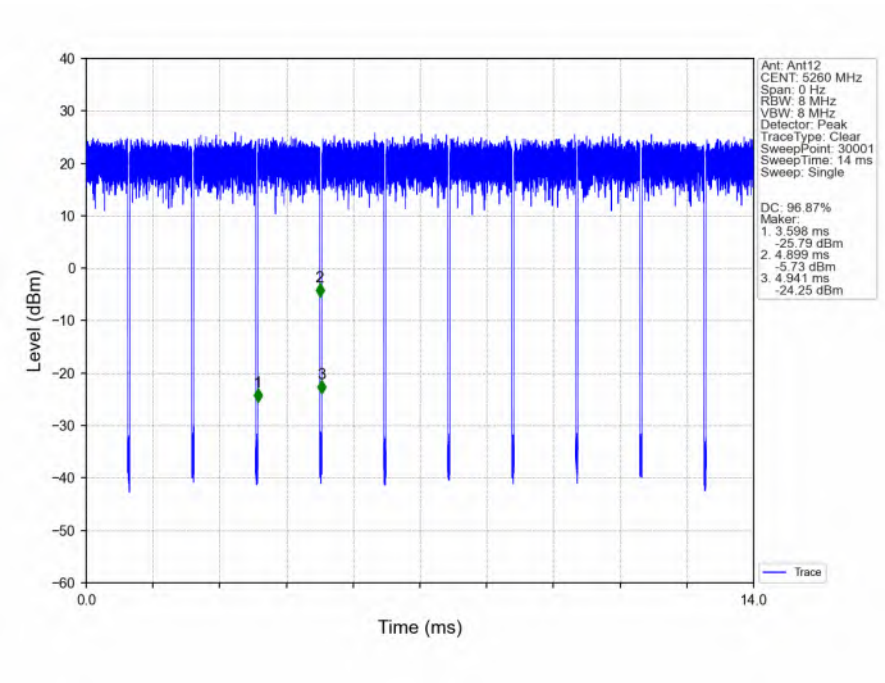



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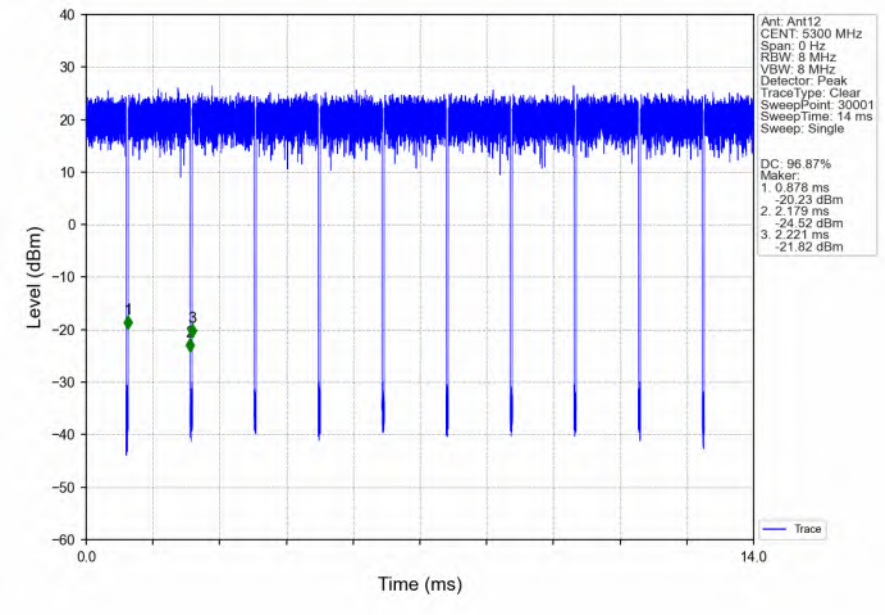



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802.11n(HT20)_LCH_5260MHz_Ant12_NTNV

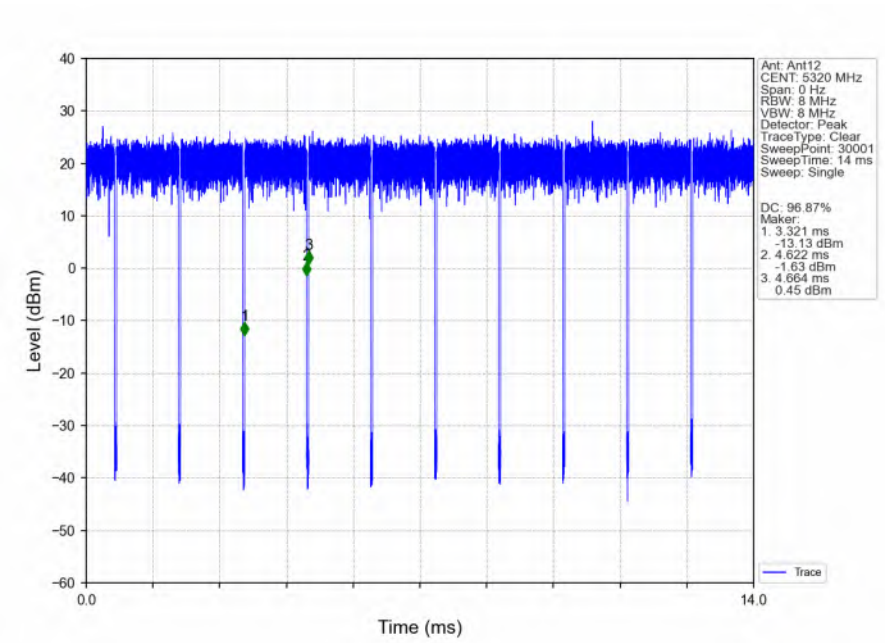



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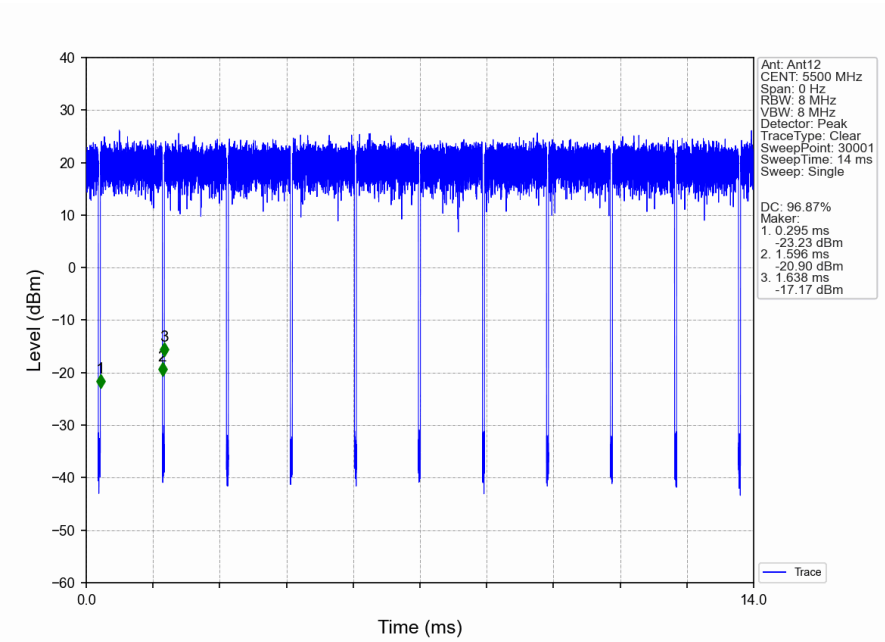



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802.11n(HT20)_HCH_5320MHz_Ant12_NTNV

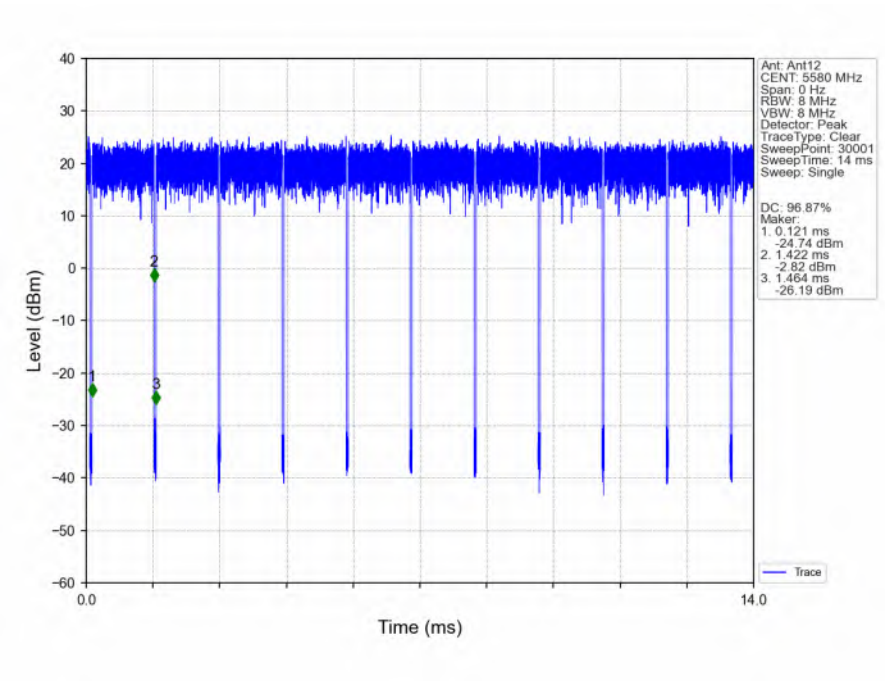



802.11n(HT20)_LCH_5500MHz_Ant12_NTNV

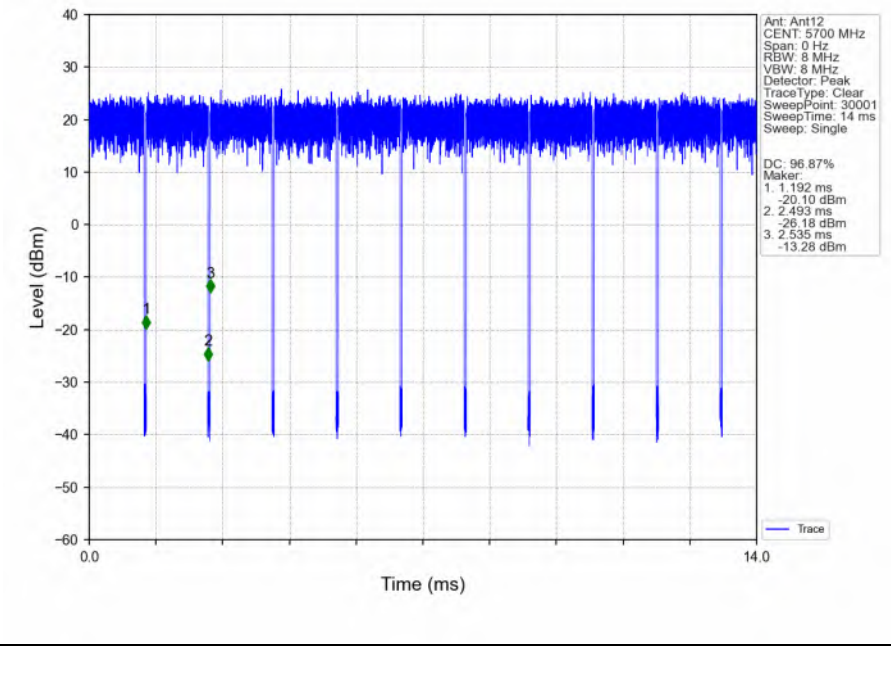



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802.11n(HT20)_MCH_5580MHz_Ant12_NTNV

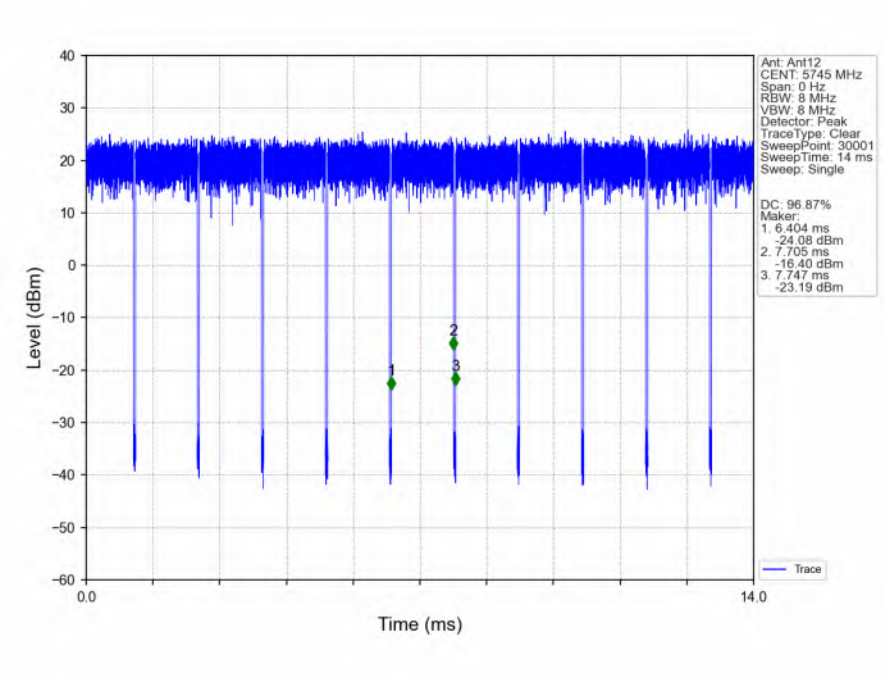



802.11n(HT20)_HCH_5700MHz_Ant12_NTNV

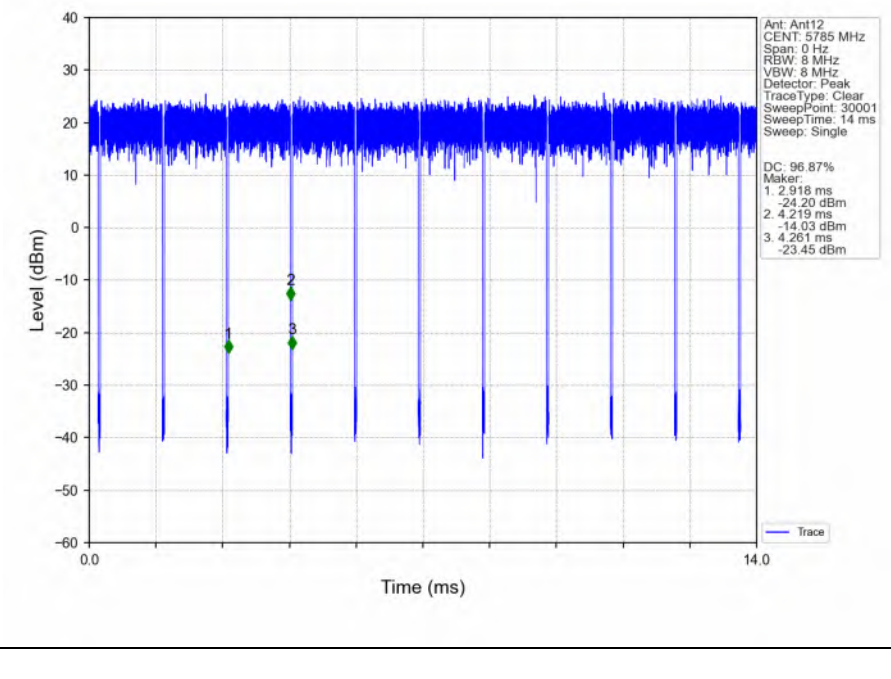



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802.11n(HT20)_LCH_5745MHz_Ant12_NTNV

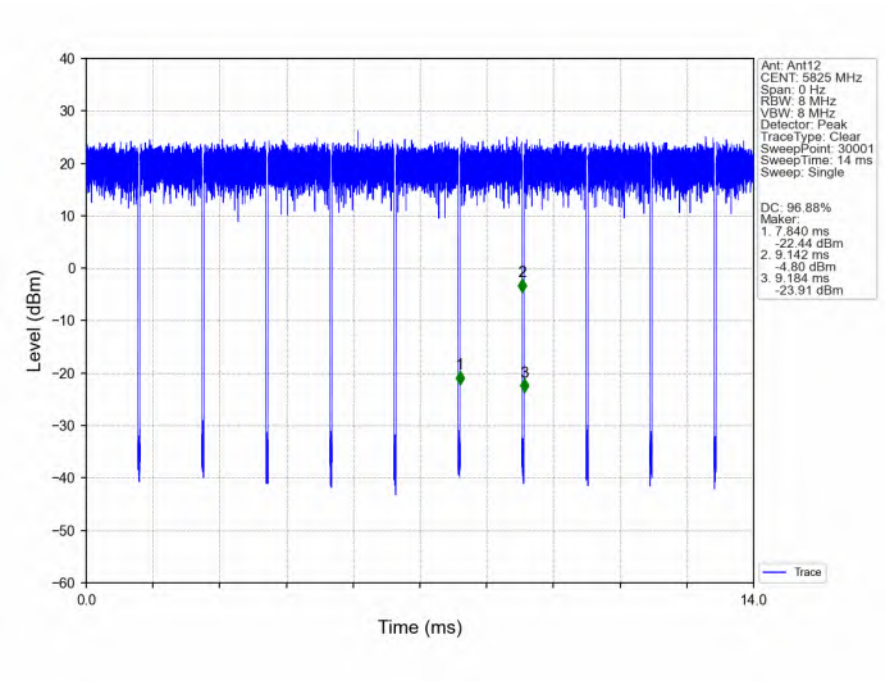



802.11n(HT20)_MCH_5785MHz_Ant12_NTNV

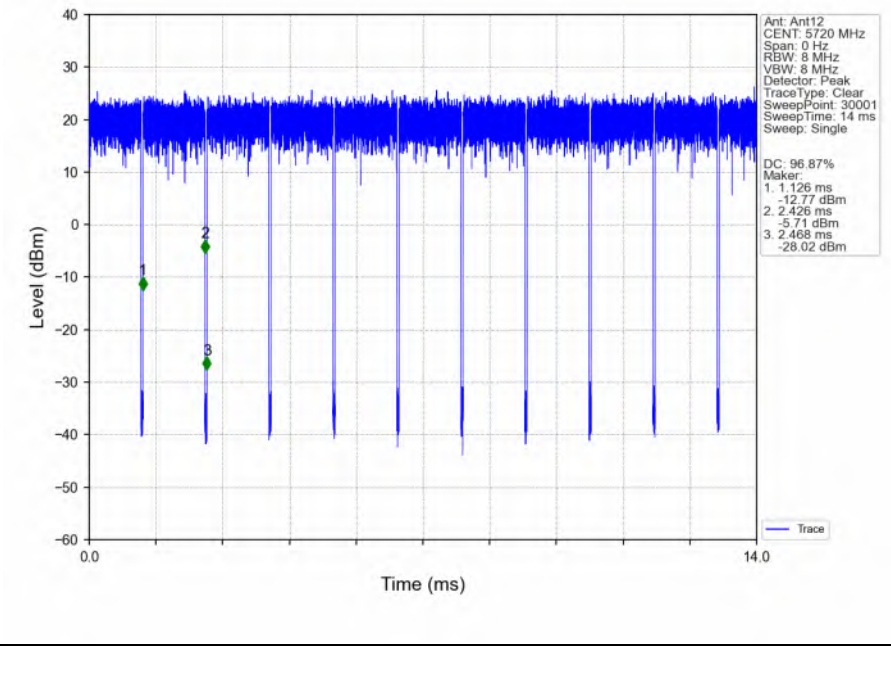



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802.11n(HT20)_HCH_5825MHz_Ant12_NTNV

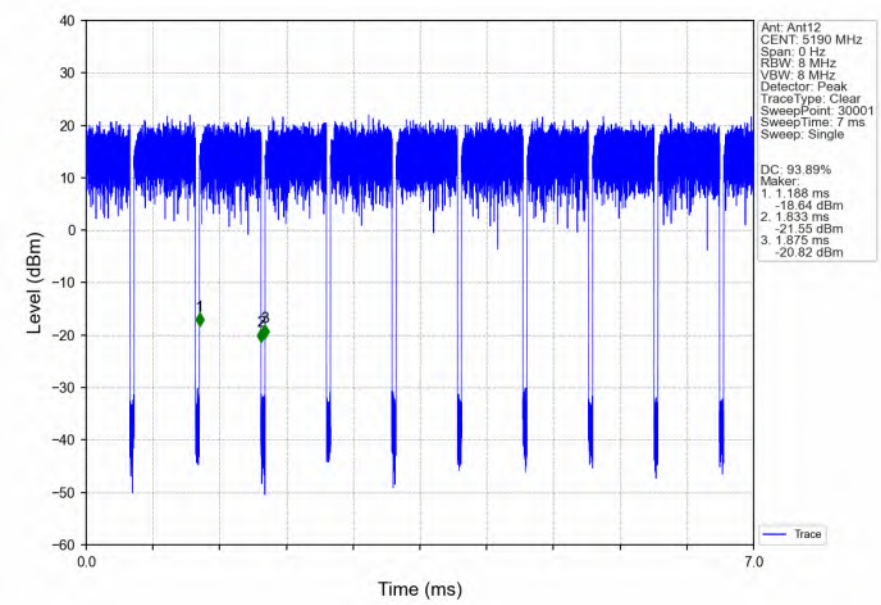



802.11n(HT20)_HCH_5720MHz_Ant12_NTNV

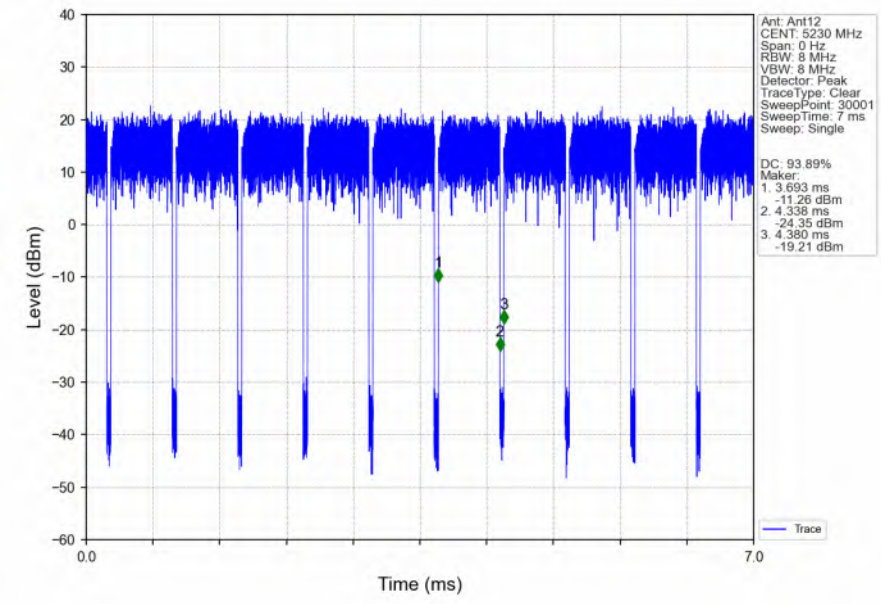



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802.11n(HT40)_LCH_5190MHz_Ant12_NTNV

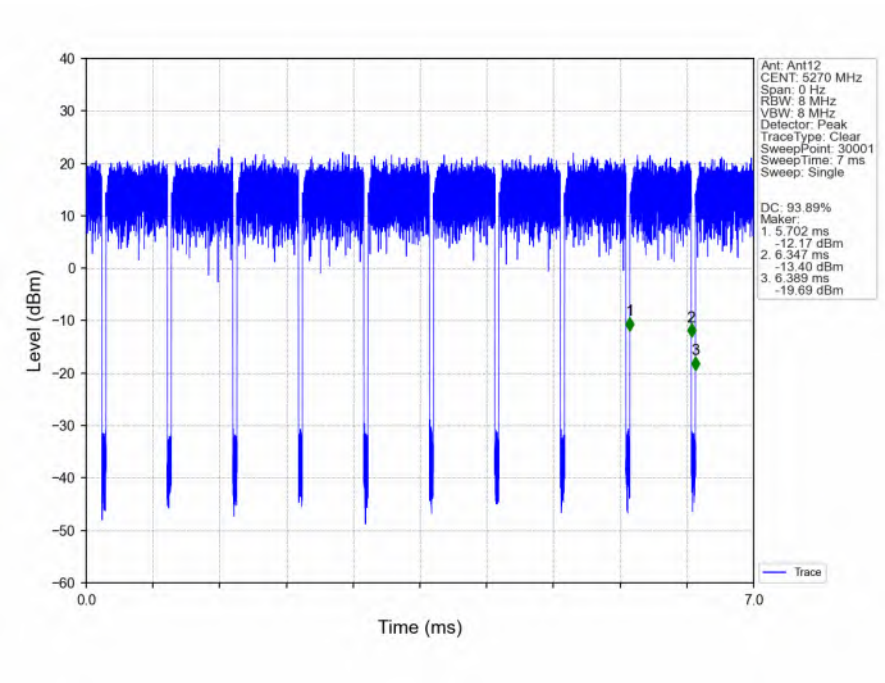



802.11n(HT40)_HCH_5230MHz_Ant12_NTNV

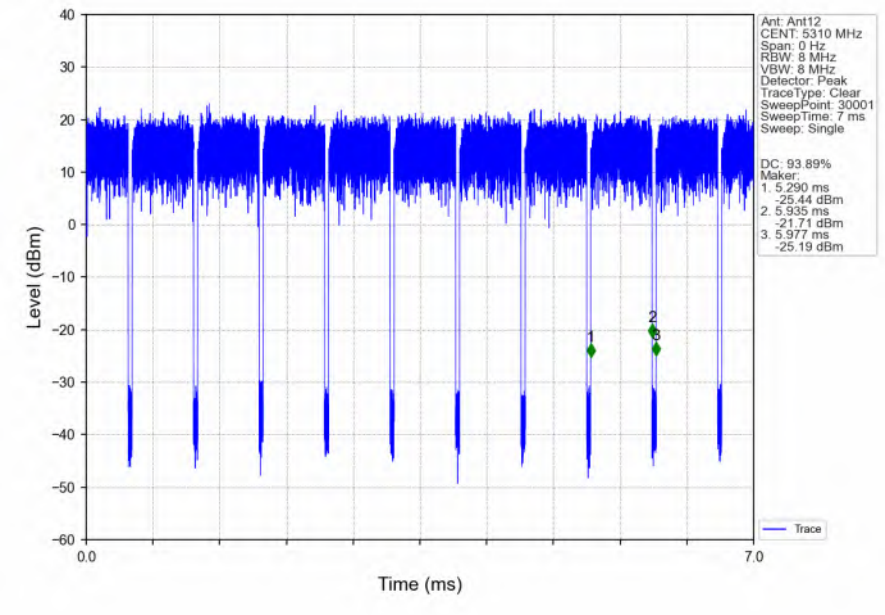



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802.11n(HT40)_LCH_5270MHz_Ant12_NTNV

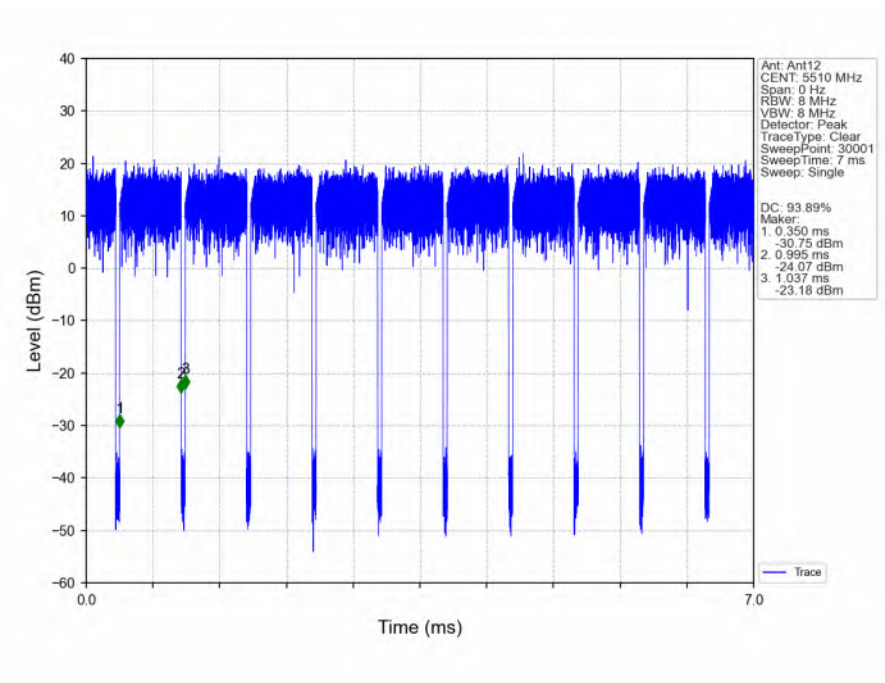



802.11n(HT40)_HCH_5310MHz_Ant12_NTNV

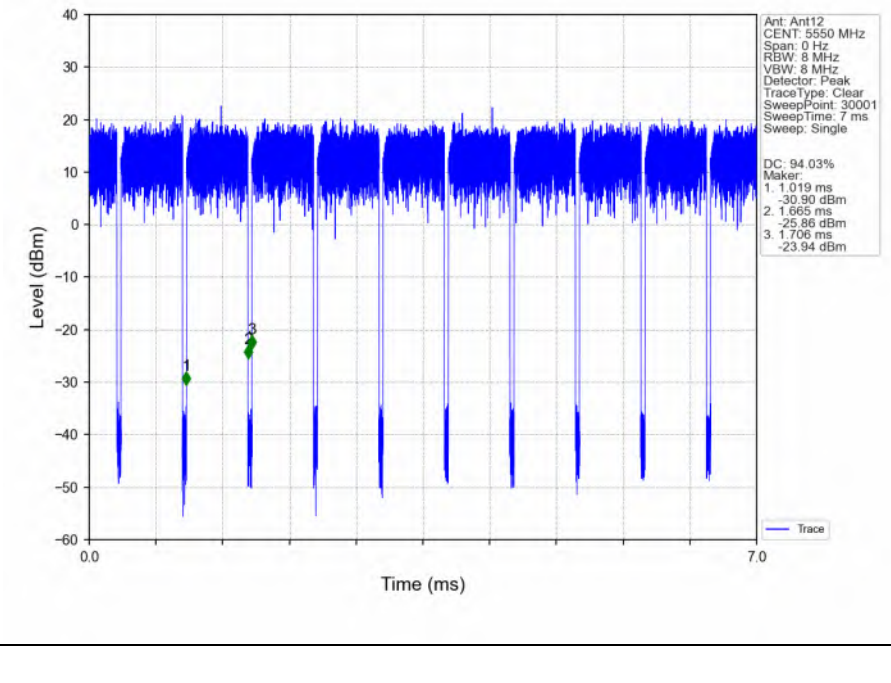



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802.11n(HT40)_LCH_5510MHz_Ant12_NTNV

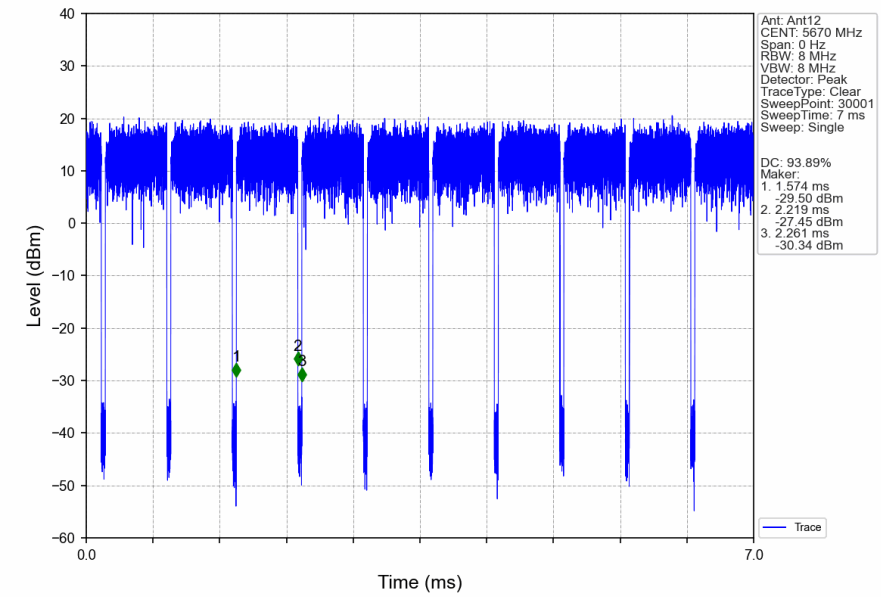



802.11n(HT40)_MCH_5550MHz_Ant12_NTNV

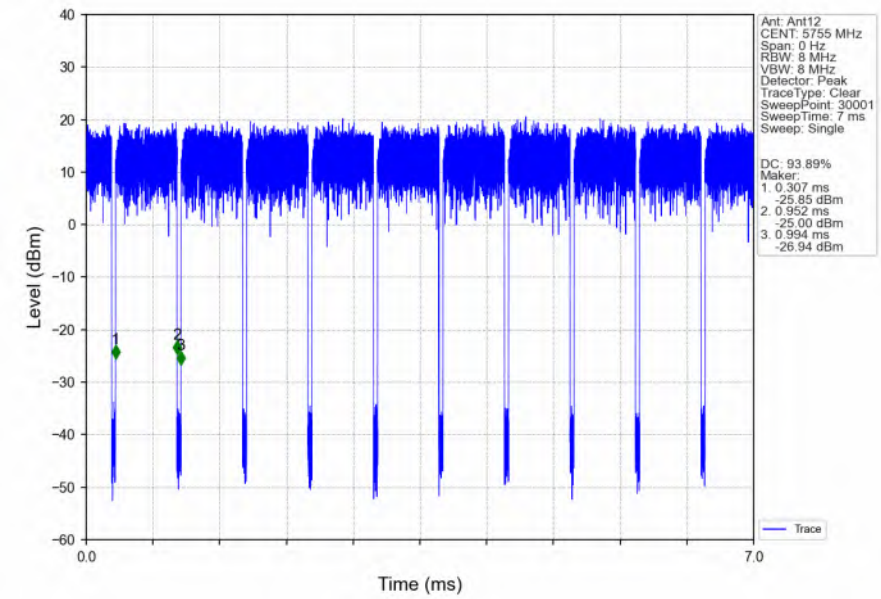



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802.11n(HT40)_HCH_5670MHz_Ant12_NTNV

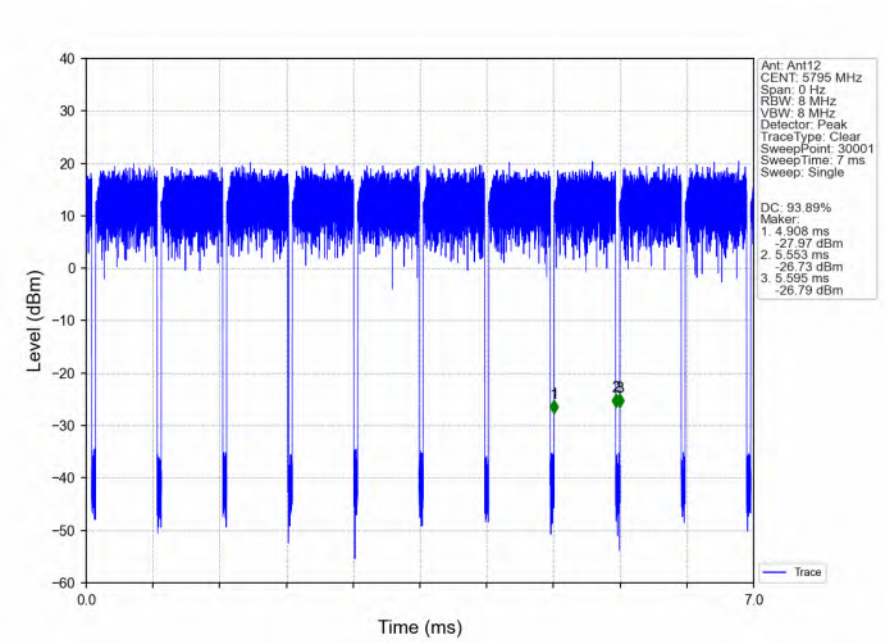



802.11n(HT40)_LCH_5755MHz_Ant12_NTNV

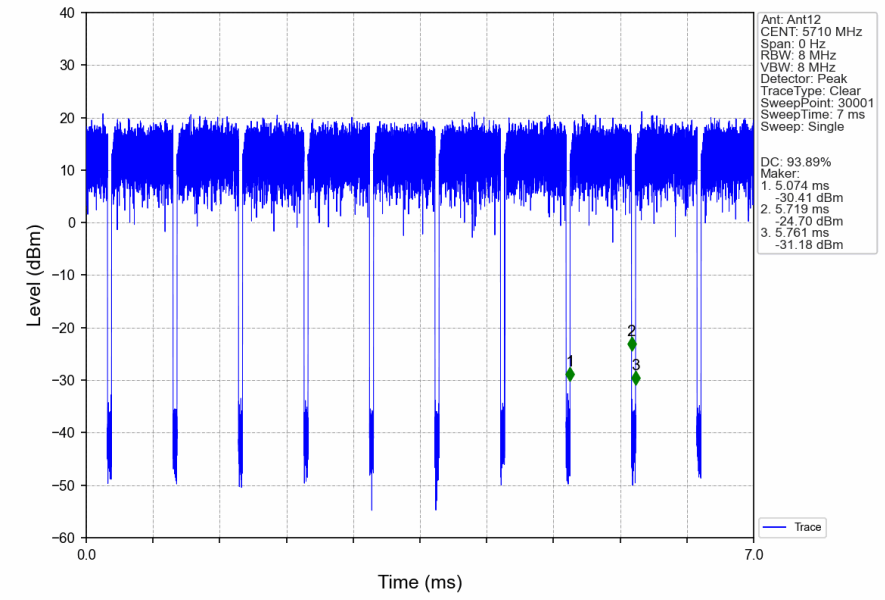



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802.11n(HT40)_HCH_5795MHz_Ant12_NTNV

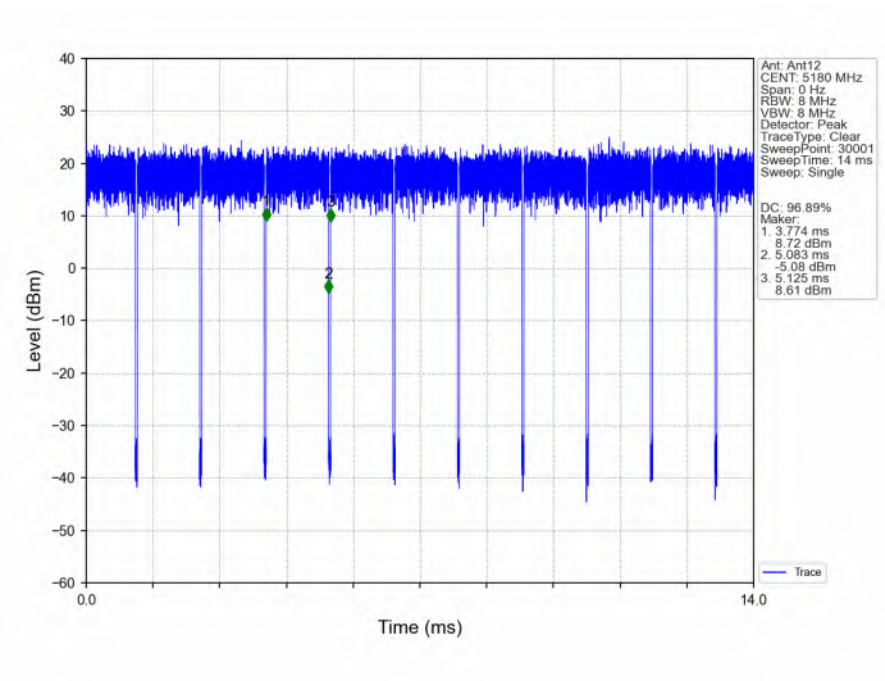



802.11n(HT40)_HCH_5710MHz_Ant12_NTNV

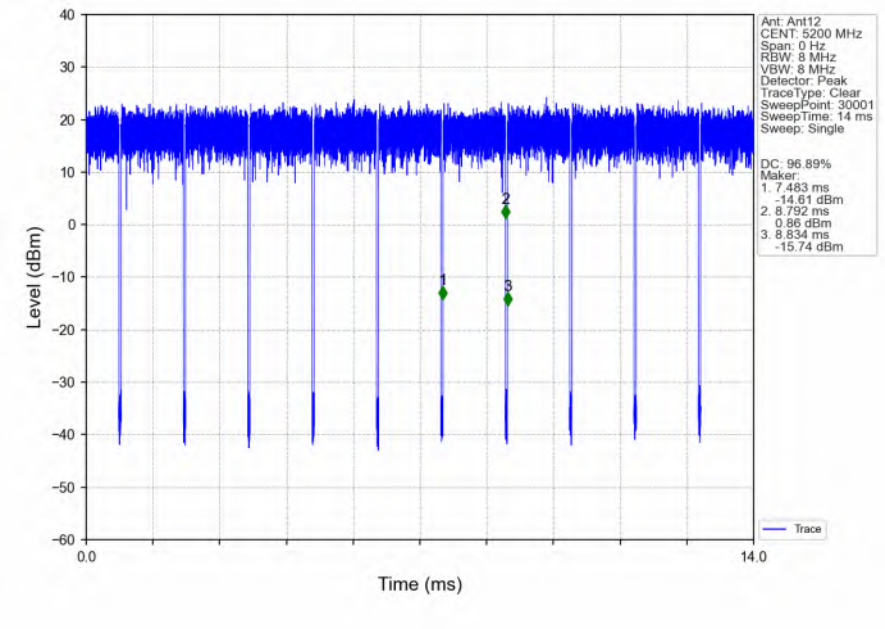



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802.11ac(VHT20)_LCH_5180MHz_Ant12_NTNV




802.11ac(VHT20)_MCH_5200MHz_Ant12_NTNV




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