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

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

Telephone: +86 (0) 755 2601 2053
Fax: +86 (0) 755 2671 0594
Email: ee.shenzhen@sgs.com



# *TEST REPORT*

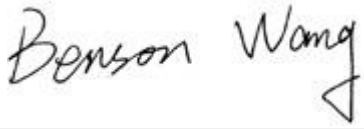
| | |
|---|---|
| **Application No.**: | SZEM1706006617CR |
| **Applicant:** | Harman International Industries, Incorporated |
| **Address of Applicant:** | 8500 Balboa Boulevard, Northridge, California 91329, United States. |
| **Manufacturer:** | Harman International Industries, Incorporated |
| **Address of Manufacturer:** | 8500 Balboa Boulevard, Northridge, California 91329, United States. |
| **Factory:** | TCL Technology Electronics(Huizhou)Co., Ltd |
| **Address of Factory:** | Section 19, Zhongkai High-tech development Zone, Huizhou City, Guangdong Province, China, 516006<br>Section 37, Zhongkai High-tech development Zone, Huizhou City, Guangdong Province, China, 516006 |
| **Equipment Under Test (EUT):** | |
| **EUT Name:** | Portable Wireless Speaker |
| **Model No.:** | LINK 10 |
| **Trade mark:** | JBL |
| **FCC ID:** | APIJBLLINK10 |
| **Standards**: | 47 CFR Part 15, Subpart E 15.407 |
| **Date of Receipt**: | 2017-06-28c |
| **Date of Test**: | 2017-07-12 to 2017-08-09 |
| **Date of Issue**: | 2017-08-15 |
| **Test Result :** | **Pass*** |

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

Jack Zhang
EMC Laboratory Manager

The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS International Electrical Approvals or testing done by SGS International Electrical Approvals in connection with, distribution or use of the product described in this report must be approved by SGS International Electrical Approvals in writing.

| Revision Record | | | | |
|---|---|---|---|---|
| **Version** | **Chapter** | **Date** | **Modifier** | **Remark** |
| 01 | | 2017-08-15 | | Original |
| | | | | |
| | | | | |

| | | | | |
|---|---|---|---|---|
| **Authorized for issue by:** | | | | |
| | |  | | |
| | | **Benson Wang /Project Engineer** | | |
| | |  | | |
| | | **Eric Fu /Reviewer** | | |

# 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 |

N/A: Not applicable

| Radio Spectrum Matter Part | | | | |
|---|---|---|---|---|
| **Item** | **Standard** | **Method** | **Requirement** | **Result** |
| Conducted Emissions at AC Power Line (150kHz-30MHz) | 47 CFR Part 15, Subpart E 15.407 | ANSI C63.10 (2013) Section 6.2 | 47 CFR Part 15, Subpart C 15.207 & 15.407 b(6) | Pass |
| Duty Cycle | 47 CFR Part 15, Subpart E 15.407 | KDB 789033 II B 1 | KDB 789033 D02 II B 1 | Pass |
| 99% Bandwidth | 47 CFR Part 15, Subpart E 15.407 | KDB 789033 II D | N/A | Pass |
| 26dB Emission bandwidth | 47 CFR Part 15, Subpart E 15.407 | KDB 789033 D02 II C 1 | 47 CFR Part 15, Subpart C 15.407 (a) | Pass |
| Minimum 6 dB bandwidth (5.725-5.85 GHz band ) | 47 CFR Part 15, Subpart E 15.407 | KDB 789033 D02 II C 2 | 47 CFR Part 15, Subpart C 15.407 (e) | Pass |
| Maximum Conducted output power | 47 CFR Part 15, Subpart E 15.407 | KDB 789033 D02 II E | 47 CFR Part 15, Subpart C 15.407 (a) | Pass |
| Peak Power spectrum density | 47 CFR Part 15, Subpart E 15.407 | KDB 789033 D02 II F | 47 CFR Part 15, Subpart C 15.407 (a) | Pass |
| DFS: Non-occupancy period | 47 CFR Part 15, Subpart E 15.407 | KDB 905462 D02 Section 7.8.3 | KDB 905462 D02 Section 5.1 | Pass |
| DFS: Channel Move Time | 47 CFR Part 15, Subpart E 15.407 | KDB 905462 D02 Section 7.8.3 | KDB 905462 D02 Section 5.1 | Pass |
| DFS: Channel Closing Transmission Time | 47 CFR Part 15, Subpart E 15.407 | KDB 905462 D02 Section 7.8.3 | KDB 905462 D02 Section 5.1 | Pass |
| Radiated Emissions | 47 CFR Part 15, Subpart E 15.407 | KDB 789033 D02 II G | 47 CFR Part 15, Subpart C 15.209 & 15.407(b) | Pass |
| Radiated Emissions which fall in the restricted bands | 47 CFR Part 15, Subpart E 15.407 | KDB 789033 D02 II G | 47 CFR Part 15, Subpart C 15.209 & 15.407(b) | Pass |
| Frequency Stability | 47 CFR Part 15, Subpart E 15.407 | ANSI C63.10 (2013) Section 6.8 | 47 CFR Part 15, Subpart C 15.407 (g) | Pass |

N/A: Not applicable

# 3 Contents

# 4 General Information

## 4.1 Details of E.U.T.

Power supply: Lithium Ion Battery: 3.7V6000mAh (Charge by adapter)

Operation Frequency:

| Band | Mode | Frequency Range(MHz) | Number of channels |
|---|---|---|---|
| UNII Band I | IEEE 802.11a | 5180-5240 | 4 |
| | IEEE 802.11n/ac 20MHz | 5180-5240 | 4 |
| | IEEE 802.11n/ac 40MHz | 5190-5230 | 2 |
| | IEEE 802.11ac 80MHz | 5210 | 1 |
| UNII Band II-A | IEEE 802.11a | 5260-5320 | 4 |
| | IEEE 802.11n/ac 20MHz | 5260-5320 | 4 |
| | IEEE 802.11n/ac 40MHz | 5270-5310 | 2 |
| | IEEE 802.11ac 80MHz | 5290 | 1 |
| UNII Band II-C | IEEE 802.11a | 5500-5700 | 11 |
| | IEEE 802.11n/ac 20MHz | 5500-5700 | 11 |
| | IEEE 802.11n/ac 40MHz | 5510-5670 | 5 |
| | IEEE 802.11ac 80MHz | 5530-5690 | 3 |
| UNII Band III | IEEE 802.11a | 5745-5825 | 5 |
| | IEEE 802.11n/ac 20MHz | 5745-5825 | 5 |
| | IEEE 802.11n/ac 40MHz | 5755-5795 | 2 |
| | IEEE 802.11ac 80MHz | 5775 | 1 |

Type of Modulation: IEEE 802.11a: OFDM(BPSK/QPSK/16QAM/64QAM)

IEEE 802.11n: OFDM(BPSK/QPSK/16QAM/64QAM)

IEEE 802.11ac: OFDM (BPSK/QPSK/16QAM/64QAM/256QAM)

DFS mode: Slave without radar detection

Antenna gain Antenna 1:2.81dBi; Antenna 2:3.54dBi

Two antennas can not synchronous transmission.

| Channel list for 802.11a/n(HT20)/ac(HT20) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
| 36 | 5180MHz | 40 | 5200MHz | 44 | 5220MHz | 48 | 5240MHz |
| 52 | 5260MHz | 56 | 5280MHz | 60 | 5330MHz | 64 | 5320MHz |
| 100 | 5500 MHz | 104 | 5520 MHz | 108 | 5540 MHz | 112 | 5560 MHz |
| 116 | 5580 MHz | 120 | 5600 MHz | 124 | 5620 MHz | 128 | 5640 MHz |
| 132 | 5660 MHz | 136 | 5680MHz | 140 | 5700 MHz | 149 | 5745MHz |
| 153 | 5765MHz | 157 | 5785MHz | 161 | 5805MHz | 165 | 5825MHz |

| Channel list for 802.11n(HT40)/ac(HT40) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
| 38 | 5190MHz | 46 | 5230MHz | 54 | 5270MHz | 62 | 5310MHz |
| 102 | 5510 MHz | 110 | 5550 MHz | 118 | 5590 MHz | 126 | 5630 |
| 134 | 5670 MHz | | | | | | |

| Channel list for 802.11ac(HT80) | | | | | | | |
|---|---|---|---|---|---|---|---|
| Channel | Frequency | Channel | Frequency | Channel | Frequency | Channel | Frequency |
| 42 | 5210MHz | 58 | 5290MHz | 106 | 5530 MHz | 122 | 5610 |
| 138 | 5690 MHz | 155 | 5775 MHz | | | | |

| Selected Test Channel for 802.11a/n(HT20)/ac(HT20) | | |
|---|---|---|
| Band | Channel | Frequency |
| U-NII Band I | The lowest channel (CH36) | 5180MHz |
| | The middle channel (CH40) | 5200MHz |
| | The highest channel (CH48) | 5240MHz |
| U-NII Band 2A | The lowest channel (CH52) | 5260MHz |
| | The middle channel (CH60) | 5785MHz |
| | The highest channel (CH64) | 5320MHz |
| U-NII Band 2C | The lowest channel (CH100) | 5500MHz |
| | The middle channel (CH116) | 5580MHz |
| | The highest channel (CH140) | 5700MHz |
| U-NII Band III | The lowest channel (CH149) | 5745MHz |
| | The middle channel (CH157) | 5785MHz |
| | The highest channel (CH165) | 5825MHz |

| Selected Test Channel for 802.11n(HT40)/ac(HT40) | | |
|---|---|---|
| Band | Channel | Frequency |
| U-NII Band I | The lowest channel (CH38) | 5190MHz |
| | The highest channel (CH46) | 5230MHz |
| U-NII Band 2A | The lowest channel (CH54) | 5270MHz |
| | The highest channel (CH62) | 5310MHz |
| U-NII Band 2C | The lowest channel (CH102) | 5510MHz |
| | The middle channel (CH118) | 5590MHz |
| | The highest channel (CH134) | 5670MHz |
| U-NII Band III | The lowest channel (CH151) | 5755MHz |
| | The highest channel (CH159) | 5795MHz |

| Selected Test Channel for 802.11ac(HT80) | | |
|---|---|---|
| Band | Channel | Frequency |
| U-NII Band I | One channel (CH42) | 5210MHz |
| U-NII Band 2A | One channel(CH58) | 5290MHz |
| U-NII Band 2C | The lowest channel (CH106) | 5530MHz |
| | The highest channel (CH138) | 5690MHz |
| U-NII Band III | One channel (CH155) | 5775MHz |

## 4.2 Description of Support Units

| Description | Manufacturer | Model No. | Serial No. |
|---|---|---|---|
| Adapter | JBL | NF5V-2.3C-1U | N/A |
| USB cable | JBL | 103cm unshielded | N/A |

## 4.3 Measurement Uncertainty

| No. | Item | Measurement Uncertainty |
|---|---|---|
| 1 | Radio Frequency | $7.25 \times 10^{-8}$ |
| 2 | Duty cycle | 0.37% |
| 3 | Occupied Bandwidth | 3% |
| 4 | RF conducted power | 0.75dB |
| 5 | RF power density | 2.84dB |
| 6 | Conducted Spurious emissions | 0.75dB |
| 7 | RF Radiated power | 4.5dB (below 1GHz) |
| | | 4.8dB (above 1GHz) |
| 8 | Radiated Spurious emission test | 4.5dB (30MHz-1GHz) |
| | | 4.8dB (1GHz-18GHz) |
| 9 | Temperature test | 1℃ |
| 10 | Humidity test | 3% |
| 11 | Supply voltages | 1.5% |
| 12 | Time | 3% |

## 4.4 Test Location

All tests were performed at:

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

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

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

No tests were sub-contracted.

## 4.5 Test Facility

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

• **CNAS (No. CNAS L2929)**

CNAS has accredited SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC

Lab to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration Laboratories (CNAS-CL01 Accreditation Criteria for the Competence of Testing and Calibration Laboratories) for the competence in the field of testing.

• **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**

The 10m Semi-anechoic chamber and Shielded Room of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-823, R-4188, T-1153 and C-2383 respectively.

• **FCC –Designation Number: CN1178**

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

Designation Number: CN1178. Test Firm Registration Number: 406779.

• **Industry Canada (IC)**

Two 3m Semi-anechoic chambers and the 10m Semi-anechoic chamber of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch EMC Lab have been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 4620C-1, 4620C-2, 4620C-3.

## 4.6 Deviation from Standards

None

## 4.7 Abnormalities from Standard Conditions

None

# 5 Equipment List

| Conducted Emissions at AC Power Line (150kHz-30MHz) | | | | | |
|---|---|---|---|---|---|
| **Equipment** | **Manufacturer** | **Model No** | **Inventory No** | **Cal Date** | **Cal Due Date** |
| Shielding Room | ZhongYu Electron | GB-88 | SEM001-06 | 2017-05-10 | 2018-05-10 |
| Measurement Software | AUDIX | e3 V5.4.1221d | N/A | N/A | N/A |
| LISN | Rohde & Schwarz | ENV216 | SEM007-01 | 2016-10-09 | 2017-10-09 |
| LISN | ETS-LINDGREN | 3816/2 | SEM007-02 | 2017-04-14 | 2018-04-13 |
| 8 Line ISN | Fischer Custom Communications Inc. | FCC-TLISN-T8-02 | EMC0120 | 2016-09-28 | 2017-09-28 |
| 4 Line ISN | Fischer Custom Communications Inc. | FCC-TLISN-T4-02 | EMC0121 | 2016-09-28 | 2017-09-28 |
| 2 Line ISN | Fischer Custom | FCC-TLISN-T2-02 | EMC0122 | 2016-09-28 | 2017-09-28 |

| RF Conducted Test | | | | | |
|---|---|---|---|---|---|
| **Equipment** | **Manufacturer** | **Model No** | **Inventory No** | **Cal Date** | **Cal Due Date** |
| DC Power Supply | ZhaoXin | RXN-305D | SEM011-02 | 2016-10-09 | 2017-10-09 |
| Spectrum Analyzer | Rohde & Schwarz | FSP | SEM004-06 | 2016-10-09 | 2017-10-09 |
| Measurement Software | JS Tonscend | JS1120-2 BT/WIFI V2. | N/A | N/A | N/A |
| Signal Generator | Rohde & Schwarz | SML03 | SEM006-02 | 2017-04-14 | 2018-04-13 |
| Power Meter | Rohde & Schwarz | NRVS | SEM014-02 | 2016-10-09 | 2017-10-09 |

| RE in Chamber | | | | | |
|---|---|---|---|---|---|
| **Test Equipment** | **Manufacturer** | **Model No.** | **Inventory No.** | **Cal. Date (yyyy-mm-dd)** | **Cal. Due date (yyyy-mm-dd)** |
| 3m Semi-Anechoic Chamber | ETS-LINDGREN | N/A | SEM001-01 | 2017-05-10 | 2018-05-10 |
| MXE EMI Receiver (20Hz-8.4GHz) | Agilent Technologies | N9038A | SEM004-05 | 2016-10-09 | 2017-10-09 |
| BiConiLog Antenna (26-3000MHz) | ETS-LINDGREN | 3142C | SEM003-02 | 2017-03-05 | 2020-03-05 |
| Pre-amplifier (0.1-1300MHz) | Agilent Technologies | 8447D | SEM005-01 | 2017-04-14 | 2018-04-13 |
| Measurement Software | AUDIX | e3 V8.2014-6-27 | N/A | N/A | N/A |

| RE in chamber | | | | | |
|---|---|---|---|---|---|
| **Equipment** | **Manufacturer** | **Model No** | **Inventory No** | **Cal Date** | **Cal Due Date** |
| 3m Semi-Anechoic Chamber | AUDIX | N/A | SEM001-02 | 2017-05-10 | 2018-05-10 |
| Measurement Software | AUDIX | e3 V8.2014-6-27 | N/A | N/A | N/A |
| Spectrum Analyzer | Rohde & Schwarz | FSU43 | SEM004-08 | 2017-04-14 | 2018-04-13 |
| BiConiLog Antenna (26-3000MHz) | ETS-Lindgren | 3142C | SEM003-02 | 2017-03-05 | 2020-03-05 |
| Horn Antenna (1-18GHz) | Rohde & Schwarz | HF907 | SEM003-07 | 2015-06-14 | 2018-06-14 |
| Horn Antenna(15GHz-40GHz) | Schwarzbeck | BBHA 9170 | SEM003-14 | 2017-06-16 | 2020-06-15 |
| Pre-amplifier (0.1-1300MHz) | HP | 8447D | SEM005-02 | 2016-10-09 | 2017-10-09 |
| Low Noise Amplifier(100MHz-18GHz) | Black Diamond Series | BDLNA-0118-352810 | SEM005-05 | 2016-10-09 | 2017-10-09 |
| Pre-amplifier(0.1-26.5GHz) | Compliance Directions Systems Inc. | PAP-0126 | SEM004-10 | 2016-10-17 | 2017-10-17 |
| Pre-amplifier(26GHz-40GHz) | Compliance Directions Systems Inc. | PAP-2640-50 | SEM005-08 | 2017-04-14 | 2018-04-13 |
| DC Power Supply | Zhao Xin | RXN-305D | SEM011-02 | 2016-10-09 | 2017-10-09 |
| Active Loop Antenna | ETS-Lindgren | 6502 | SEM003-08 | 2015-08-14 | 2018-08-14 |
| Band filter | N/A | N/A | SEM023-01 | N/A | N/A |

| General used equipment | | | | | |
|---|---|---|---|---|---|
| **Equipment** | **Manufacturer** | **Model No** | **Inventory No** | **Cal Date** | **Cal Due Date** |
| Humidity/ Temperature Indicator | Shanghai Meteorological Industry Factory | ZJ1-2B | SEM002-03 | 2016-10-12 | 2017-10-12 |
| Humidity/ Temperature Indicator | Shanghai Meteorological Industry Factory | ZJ1-2B | SEM002-04 | 2016-10-12 | 2017-10-12 |
| Humidity/ Temperature Indicator | Mingle | N/A | SEM002-08 | 2016-10-12 | 2017-10-12 |
| Barometer | Changchun Meteorological Industry Factory | DYM3 | SEM002-01 | 2017-04-18 | 2018-04-18 |

# 6 Radio Spectrum Technical Requirement

## 6.1 Antenna Requirement

### 6.1.1 Test Requirement:

47 CFR Part 15, Subpart C 15.203

### 6.1.2 Conclusion

Standard Requirment:

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

EUT Antenna:

The antenna is integrated on the main PCB and no consideration of replacement. The best case gain of the Antenna 1:2.81dBi; Antenna 2:3.54dBi

# 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 & 15.407 b(6)

Test Method: ANSI C63.10 (2013) Section 6.2

Limit:

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

### 7.1.1 E.U.T. Operation

Operating Environment:

Temperature: 25 °C Humidity: 51 % RH Atmospheric Pressure: 1005 mbar

Pretest these mode to find the worst case:

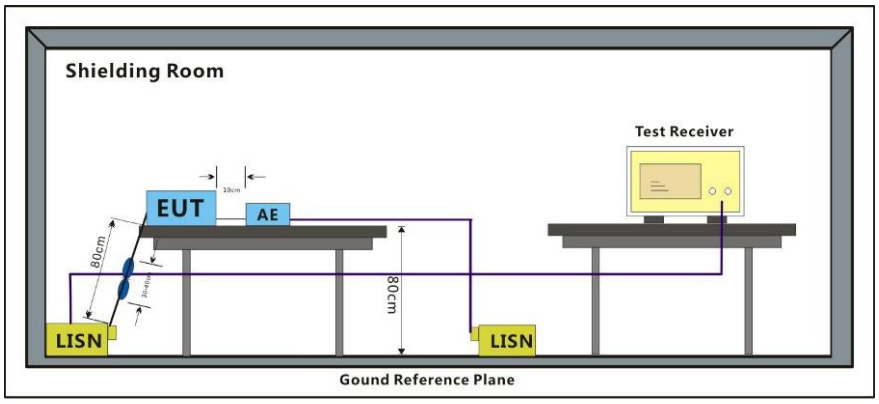
l:Charge + TX mode (Band 1)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

m:Charge + TX mode (Band 2A)_Keep the EUT in charging and 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

n:Charge + TX mode (Band 2C)_Keep the EUT in charging and 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

o:Charge + TX mode (Band 3)_Keep the EUT in charging and 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

### 7.1.2 Test Setup Diagram



### 7.1.3 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.

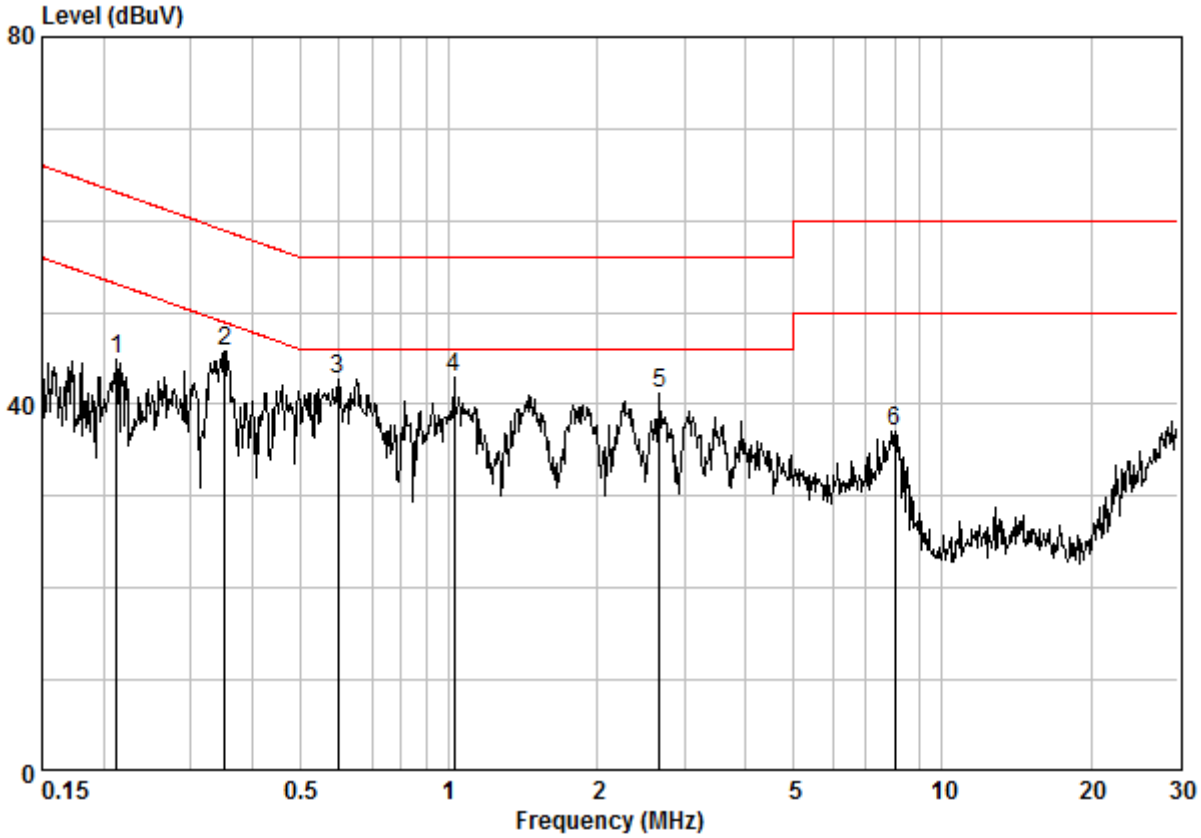
3) The tabletop EUT was placed upon a non-metallic table 0.8m above the ground reference plane. And for floor-standing arrangement, the EUT was placed on the horizontal ground reference plane,

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: LISN=Read Level+ Cable Loss+ LISN Factor

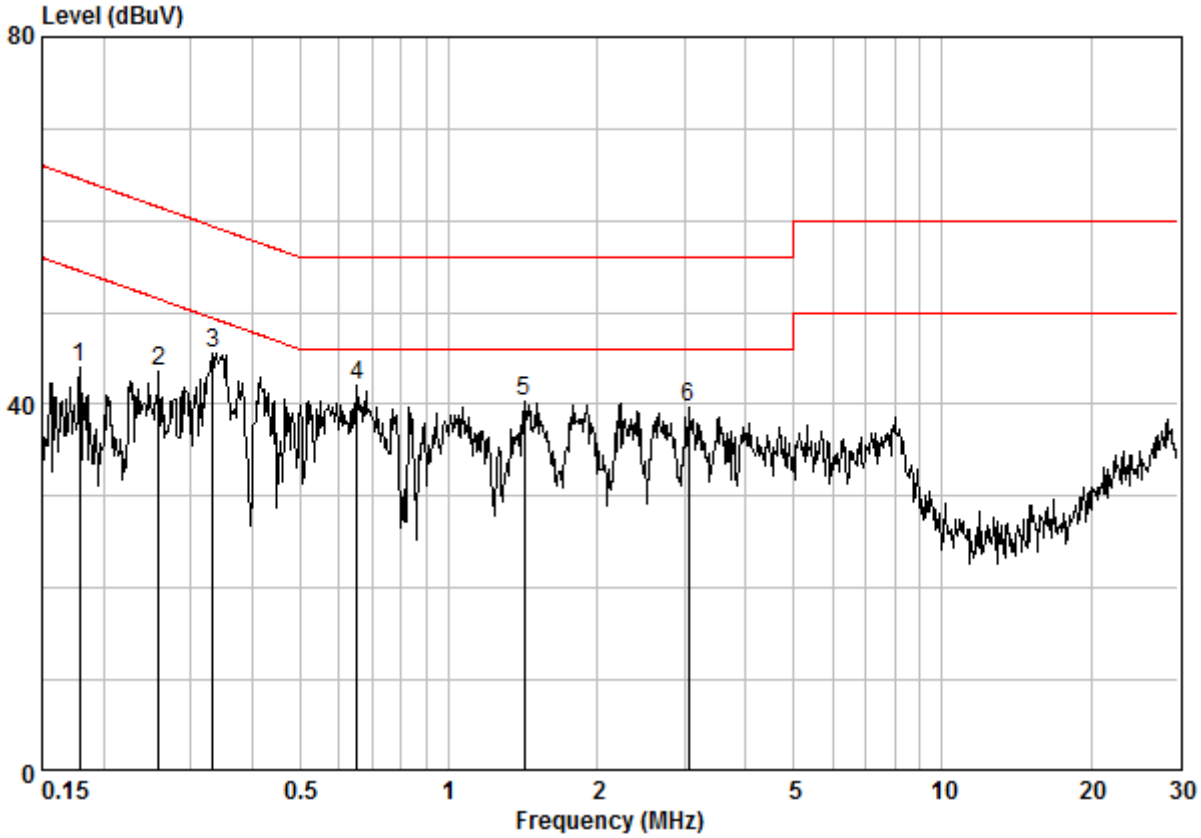
Mode:I; Line:Live Line




Site : Shielding Room
Condition : CE LINE
Job No. : 06617CR
Test Mode : 1

| | Freq | Cable Loss | LISN Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB | dBuV | dBuV | dBuV | dB | |
| 1 | 0.21279 | 0.02 | 9.64 | 35.29 | 44.95 | 53.10 | -8.15 | Peak |
| 2 @ | 0.35201 | 0.02 | 9.64 | 36.17 | 45.83 | 48.91 | -3.08 | Peak |
| 3 | 0.59794 | 0.02 | 9.65 | 33.05 | 42.72 | 46.00 | -3.28 | Peak |
| 4 | 1.027 | 0.03 | 9.65 | 33.17 | 42.85 | 46.00 | -3.15 | Peak |
| 5 | 2.678 | 0.03 | 9.68 | 31.47 | 41.18 | 46.00 | -4.82 | Peak |
| 6 | 8.020 | 0.10 | 9.81 | 27.25 | 37.16 | 50.00 | -12.84 | Peak |

Mode:I; Line:Neutral Line




Site : Shielding Room
Condition : CE NEUTRAL
Job No. : 06617CR
Test Mode : 1

| | Freq | Cable Loss | LISN Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB | dBuV | dBuV | dBuV | dB | |
| 1 | 0.17866 | 0.02 | 9.63 | 34.37 | 44.02 | 54.55 | -10.52 | Peak |
| 2 | 0.25888 | 0.02 | 9.63 | 34.05 | 43.70 | 51.47 | -7.77 | Peak |
| 3 | 0.33208 | 0.02 | 9.63 | 35.93 | 45.58 | 49.40 | -3.82 | Peak |
| 4 | 0.65084 | 0.02 | 9.64 | 32.35 | 42.01 | 46.00 | -3.99 | Peak |
| 5 | 1.426 | 0.03 | 9.65 | 30.58 | 40.26 | 46.00 | -5.74 | Peak |
| 6 | 3.058 | 0.03 | 9.67 | 30.03 | 39.73 | 46.00 | -6.27 | Peak |

## 7.2 Duty Cycle

Test Requirement KDB 789033 D02 II B 1

Test Method: KDB 789033 II B 1

### 7.2.1 E.U.T. Operation

Operating Environment:

Temperature: 25 °C Humidity: 55 % RH Atmospheric Pressure: 1005 mbar

Pretest these mode to find the worst case:

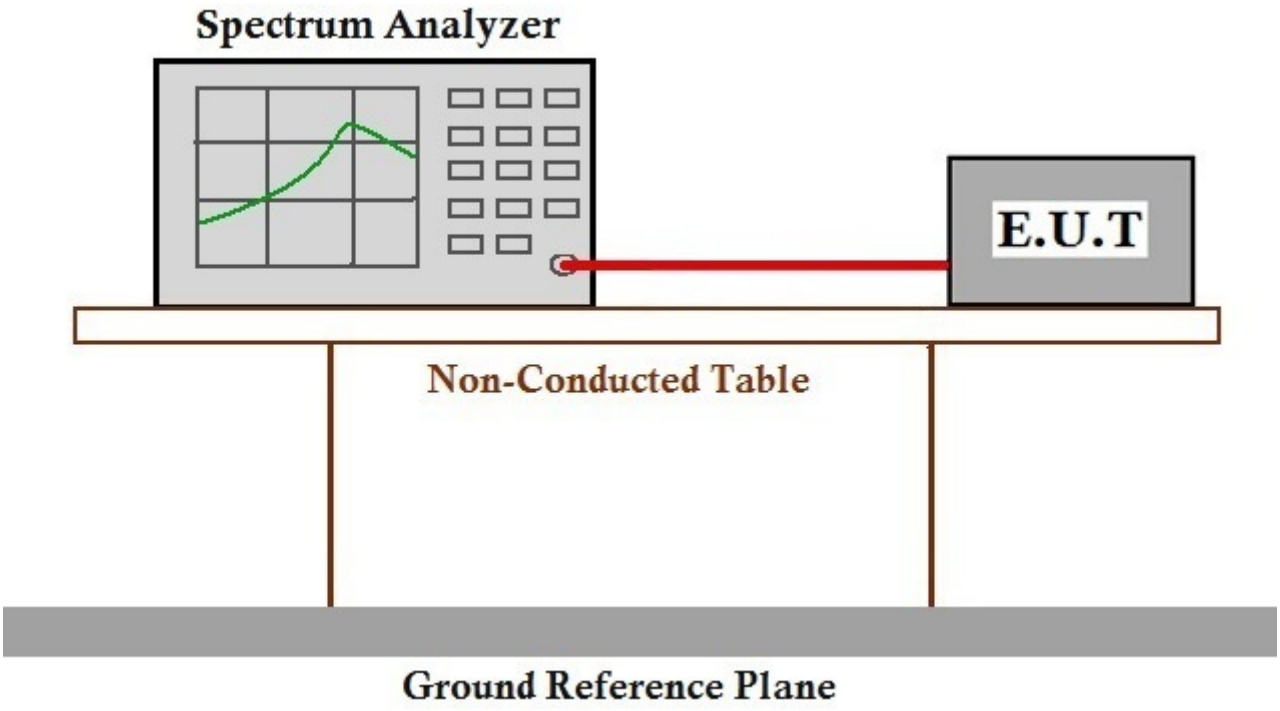
h:TX mode (Band 1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

i:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

j:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

k:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

### 7.2.2 Test Setup Diagram




### 7.2.3 Measurement Procedure and Data

The detailed test data see: Appendix 15.407

## 7.3 99% Bandwidth

Test Requirement N/A

Test Method: KDB 789033 II D

### 7.3.1 E.U.T. Operation

Operating Environment:

Temperature: 25 °C Humidity: 55 % RH Atmospheric Pressure: 1005 mbar

Pretest these mode to find the worst case:

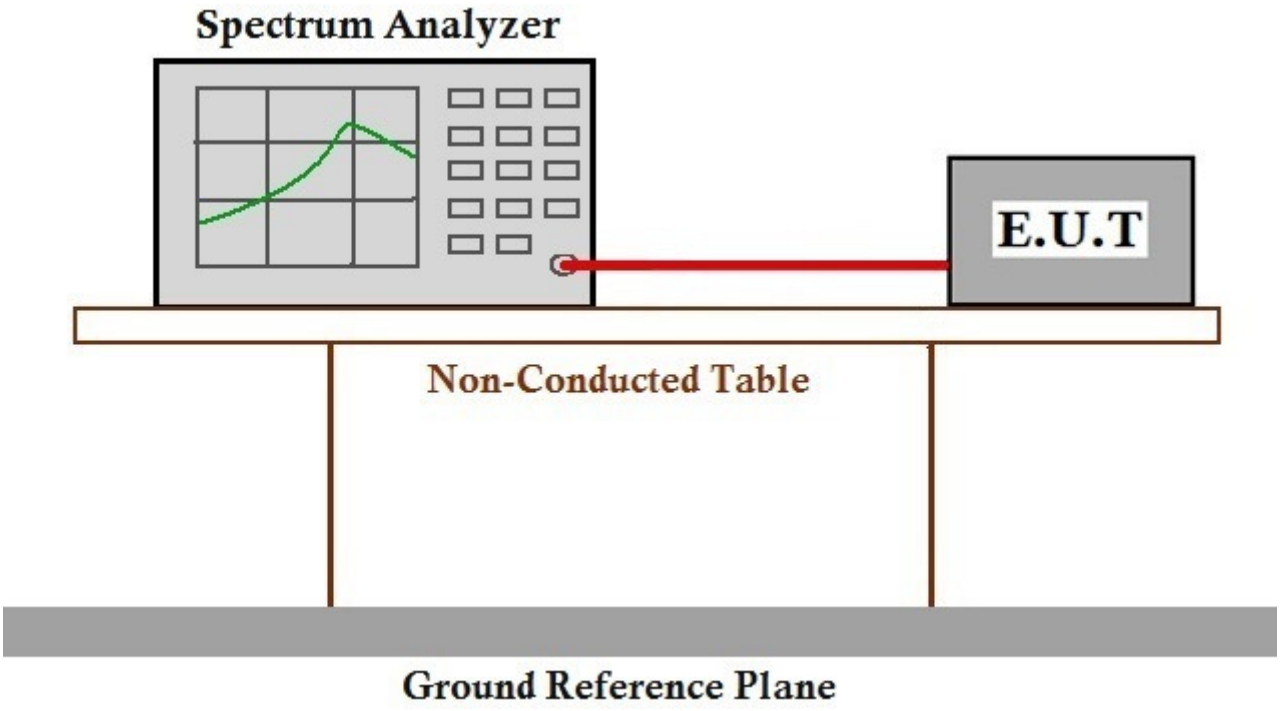
h:TX mode (Band 1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

k:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

j:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

i:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

### 7.3.2 Test Setup Diagram




### 7.3.3 Measurement Procedure and Data

The detailed test data see: Appendix 15.407

## 7.4 26dB Emission bandwidth

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

Test Method: KDB 789033 D02 II C 1

### 7.4.1 E.U.T. Operation

Operating Environment:

Temperature: 25 °C Humidity: 55 % RH Atmospheric Pressure: 1005 mbar

Pretest these mode to find the worst case:

i:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

k:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

j:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

The worst case for final test:

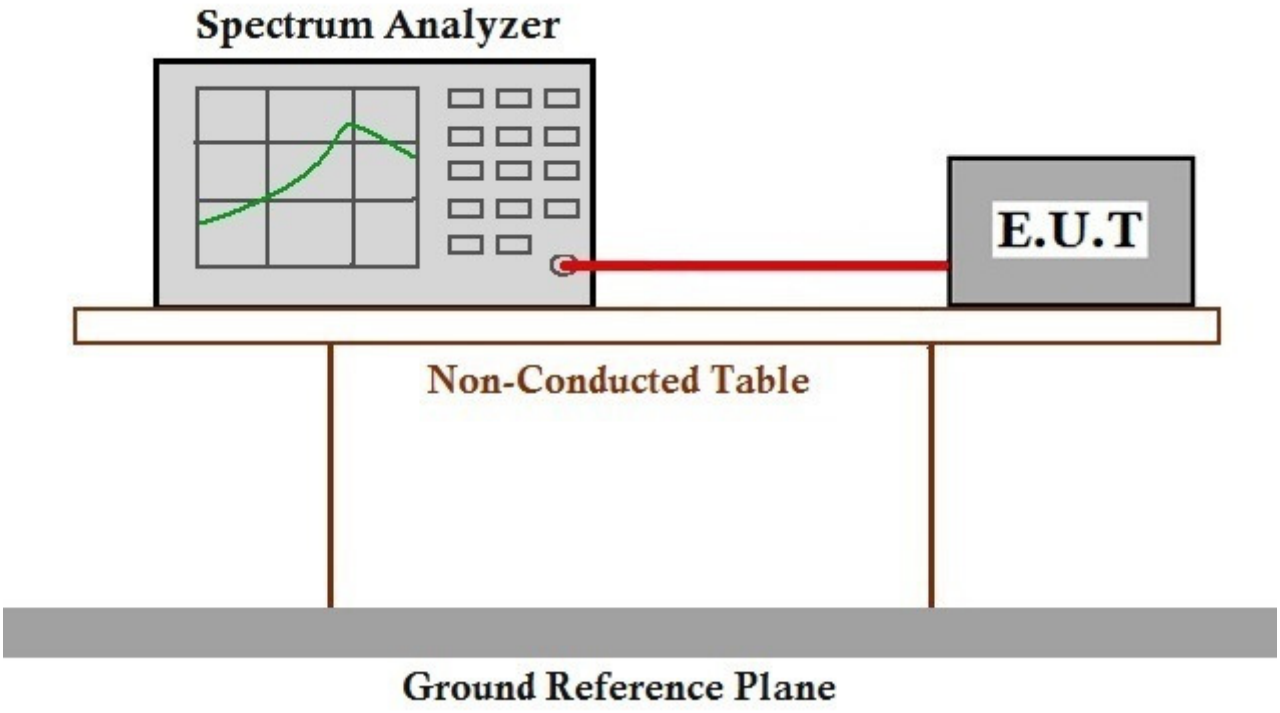
i:TX mode (Band 2A)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

k:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

j:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40);

data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

### 7.4.2 Test Setup Diagram




### 7.4.3 Measurement Procedure and Data

The detailed test data see: Appendix 15.407

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

Test Requirement 47 CFR Part 15, Subpart C 15.407 (e)

Test Method: KDB 789033 D02 II C 2

Limit: ⩾500 kHz

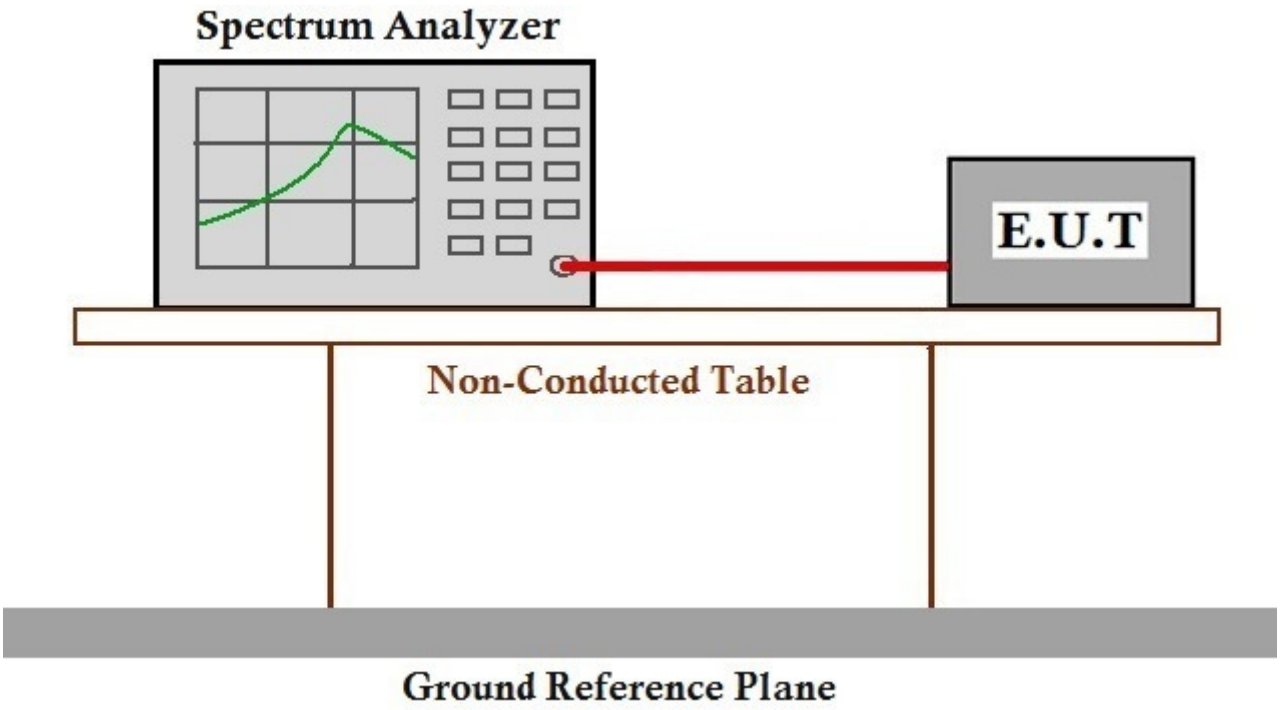
### 7.5.1 E.U.T. Operation

Operating Environment:

Temperature: 25 °C Humidity: 55 % RH Atmospheric Pressure: 1005 mbar

Test mode k:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

### 7.5.2 Test Setup Diagram




### 7.5.3 Measurement Procedure and Data

The detailed test data see: Appendix 15.407

## 7.6 Maximum Conducted output power

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

Test Method: KDB 789033 D02 II E

Limit:

| Frequency band(MHz) | Limit |
|---|---|
| 5150-5250 | ≤1W(30dBm) for master device |
| | ≤250mW(24dBm) for client device |
| 5250-5350 | ≤250mW(24dBm) for client device or 11dBm+10logB* |
| 5470-5725 | ≤250mW(24dBm) for client device 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. | |

### 7.6.1 E.U.T. Operation

Operating Environment:

Temperature: 25 °C Humidity: 55 % RH Atmospheric Pressure: 1005 mbar

Pretest these mode to find the worst case:

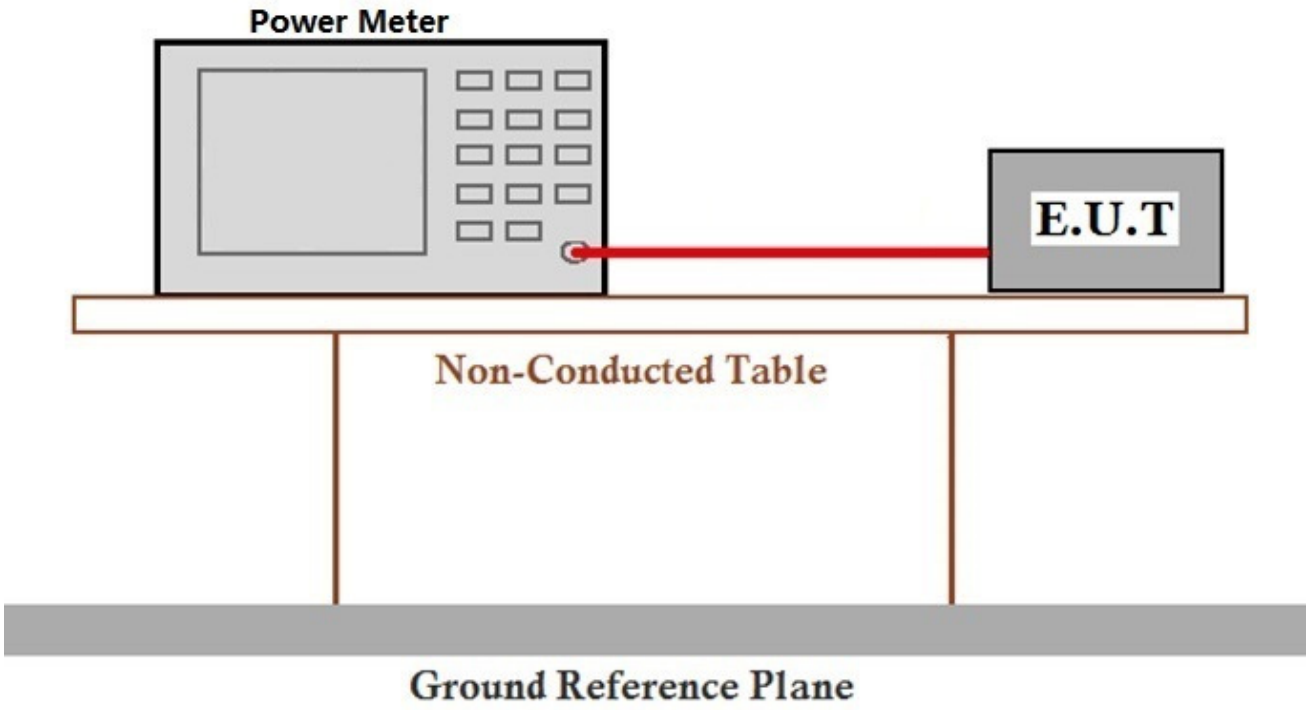
h:TX mode (Band 1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

k:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

j:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

i:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

### 7.6.2 Test Setup Diagram




### 7.6.3 Measurement Procedure and Data

The detailed test data see: Appendix 15.407

## 7.7 Peak Power spectrum density

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

Test Method: KDB 789033 D02 II F

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. | |

### 7.7.1 E.U.T. Operation

Operating Environment:

Temperature: 25 °C Humidity: 55 % RH Atmospheric Pressure: 1005 mbar

Pretest these mode to find the worst case:

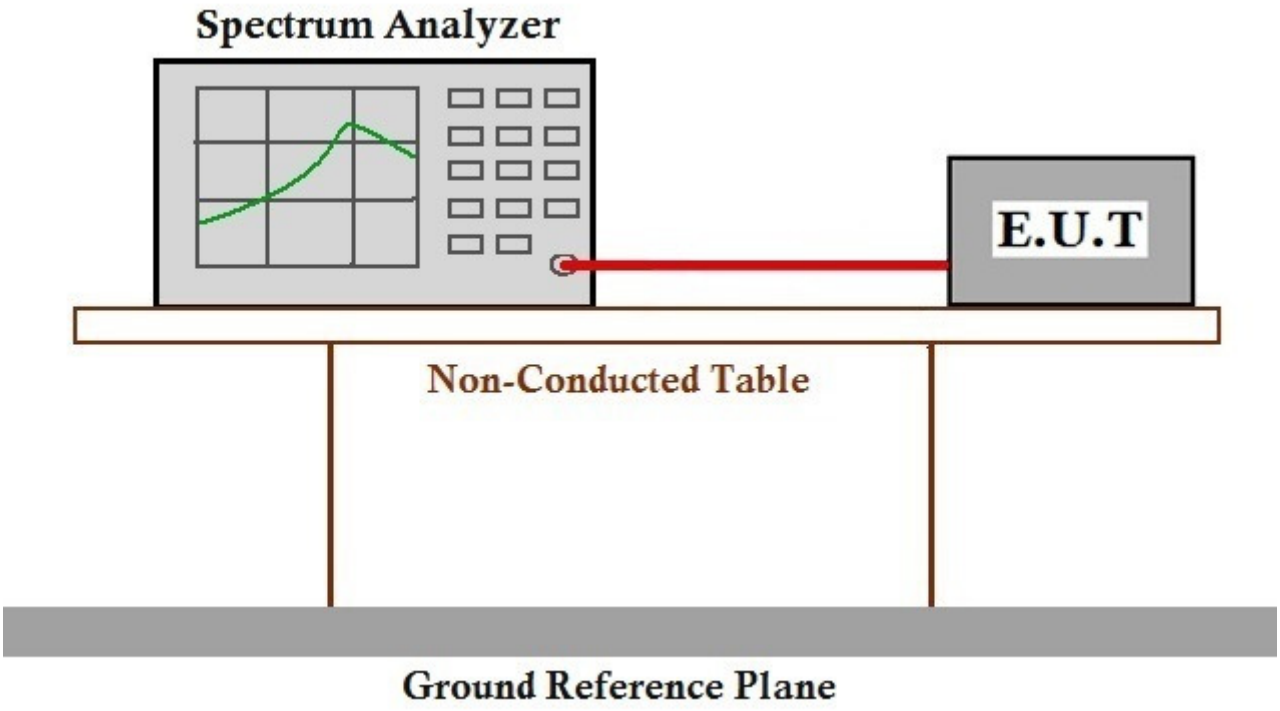
h:TX mode (Band 1)_Keep the EUT in continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

k:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

j:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

i:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

### 7.7.2 Test Setup Diagram




### 7.7.3 Measurement Procedure and Data

The detailed test data see: Appendix 15.407

## 7.8 DFS: Non-occupancy period

| | |
|---|---|
| Test Requirement | KDB 905462 D02 Section 5.1 |
| Test Method: | KDB 905462 D02 Section 7.8.3 |
| Limit: | Minimum 30 minutes |

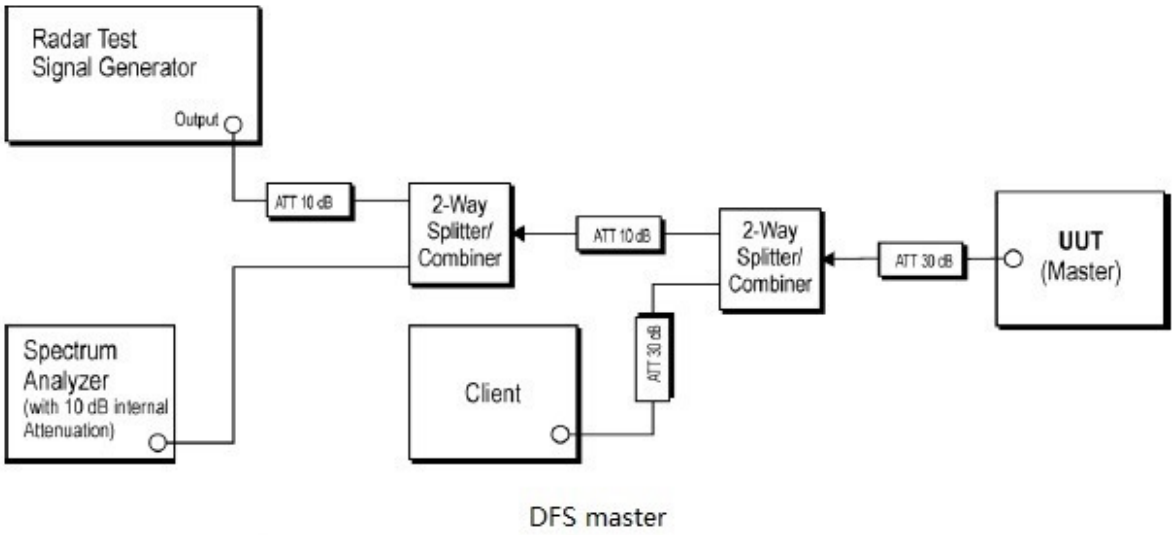
### 7.8.1 E.U.T. Operation

Operating Environment:

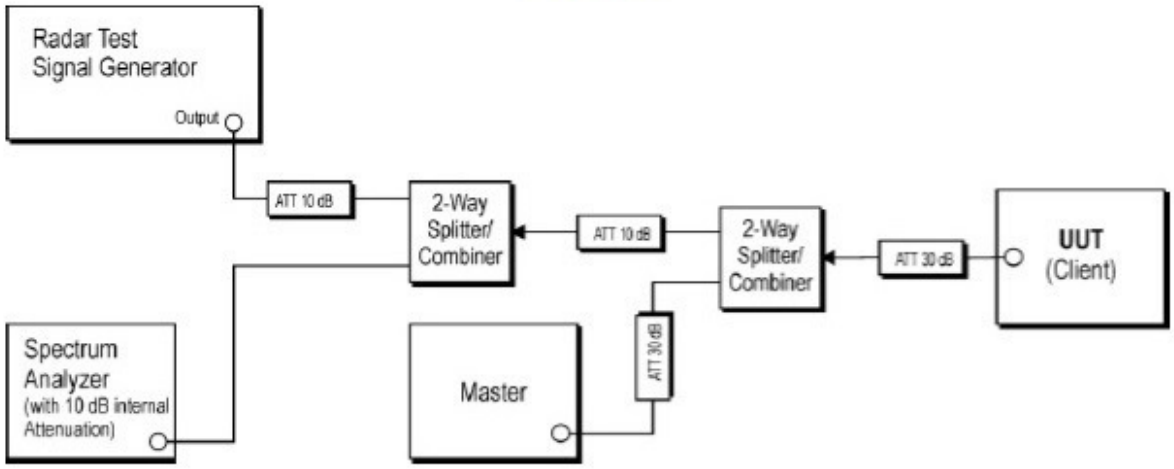
Temperature: 25 °C Humidity: 52 % RH Atmospheric Pressure: 1000 mbar

| | |
|---|---|
| Pretest these mode to find the worst case: | i:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.<br>j:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report. |
| The worst case for final test: | i:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.<br>j:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report. |

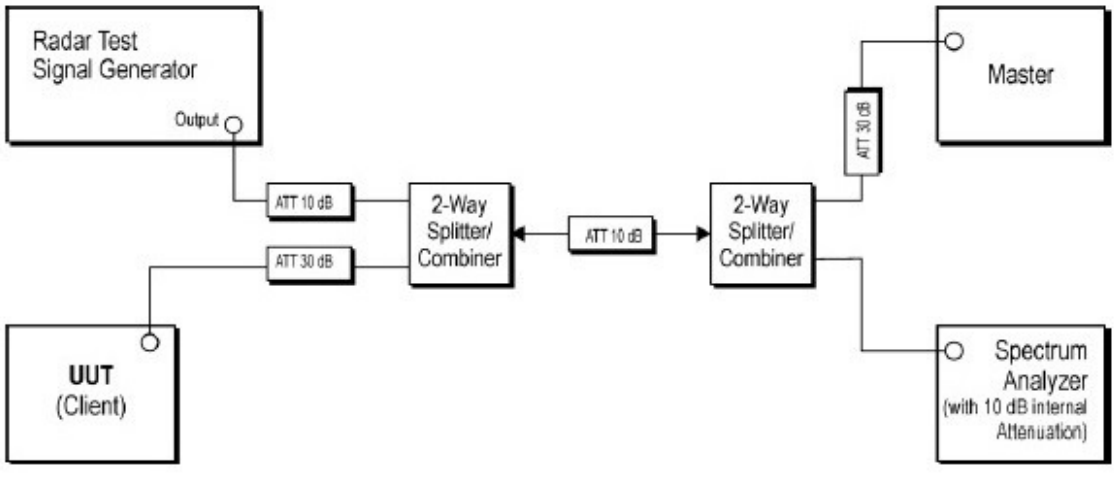
### 7.8.2 Test Setup Diagram




DFS master




DFS slave with radar detection




DFS slave without radar detection

### 7.8.3 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.

The detailed test data see: Appendix 15.407

## 7.9 DFS: Channel Move Time

| | |
|---|---|
| Test Requirement | KDB 905462 D02 Section 5.1 |
| Test Method: | KDB 905462 D02 Section 7.8.3 |
| Limit: | 10 seconds(should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst) |

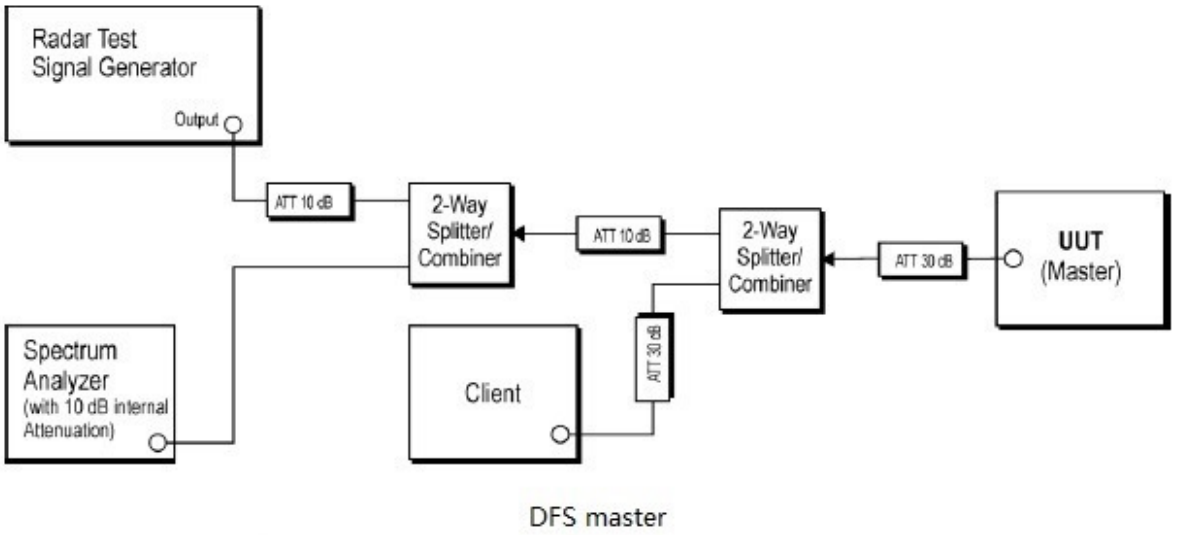
### 7.9.1 E.U.T. Operation

Operating Environment:

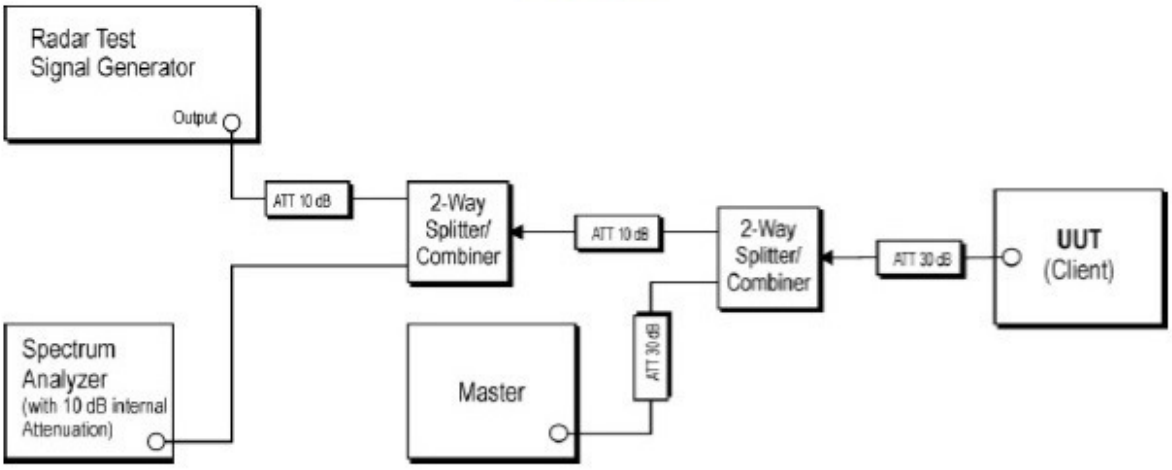
Temperature: 25 °C Humidity: 52 % RH Atmospheric Pressure: 1000 mbar

| | |
|---|---|
| Pretest these mode to find the worst case: | i:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.<br>j:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report. |
| The worst case for final test: | i:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.<br>j:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report. |

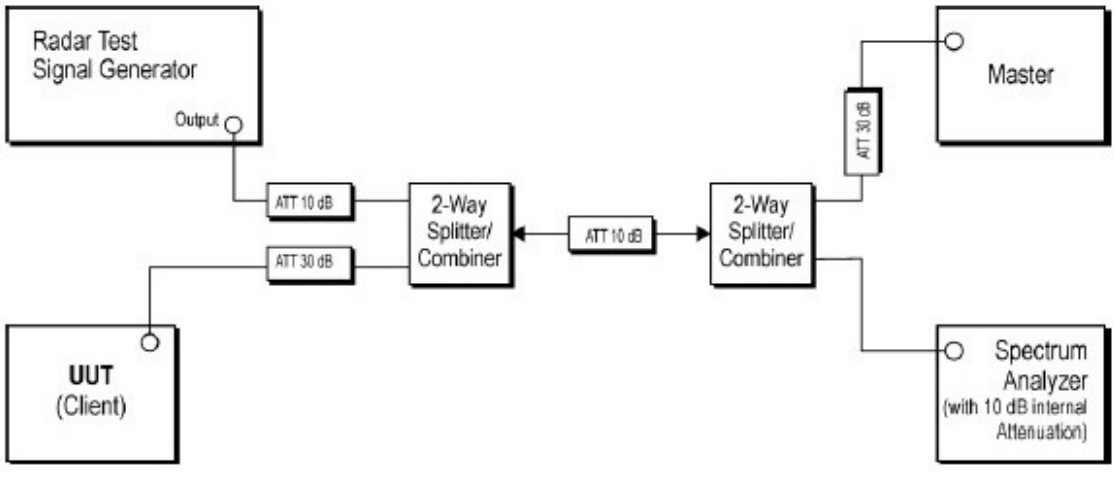
### 7.9.2 Test Setup Diagram




DFS master




DFS slave with radar detection




DFS slave without radar detection

### 7.9.3 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.

The detailed test data see: Appendix 15.407

## 7.10 DFS: Channel Closing Transmission Time

| | |
|---|---|
| Test Requirement | KDB 905462 D02 Section 5.1 |
| Test Method: | KDB 905462 D02 Section 7.8.3 |
| Limit: | 200 milliseconds + an aggregate of 60 milliseconds over remaining 10 second period(should be performed with Radar Type 0. The measurement timing begins at the end of the Radar Type 0 burst. It is comprised of 200 milliseconds starting at the beginning of the Channel Move Time plus any additional intermittent control signals required facilitating 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) |

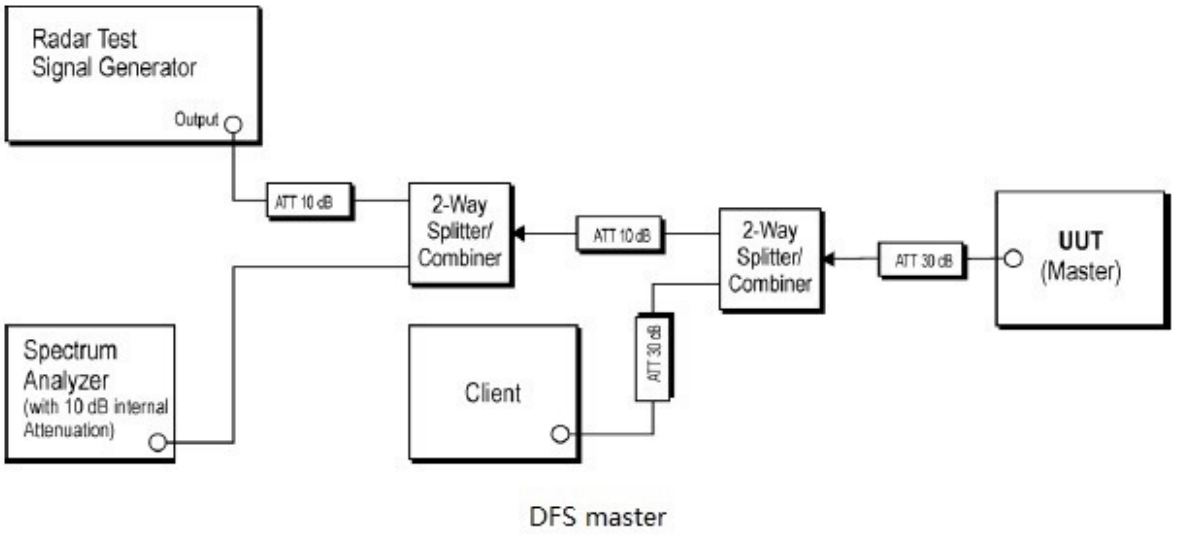
### 7.10.1 E.U.T. Operation

Operating Environment:

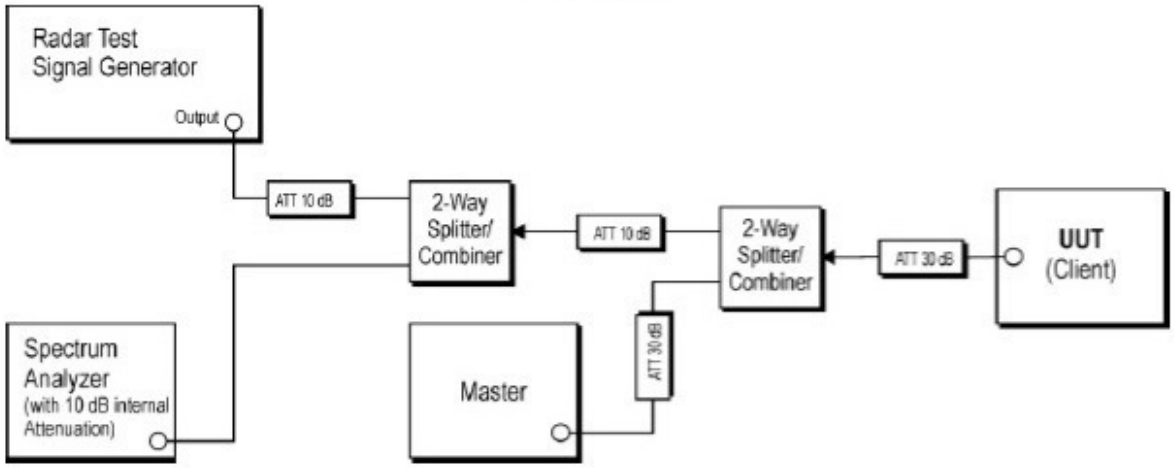
Temperature: 25 °C Humidity: 52 % RH Atmospheric Pressure: 1000 mbar

| | |
|---|---|
| Pretest these mode to find the worst case: | i:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.<br>j:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report. |
| The worst case for final test: | i:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.<br>j:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report. |

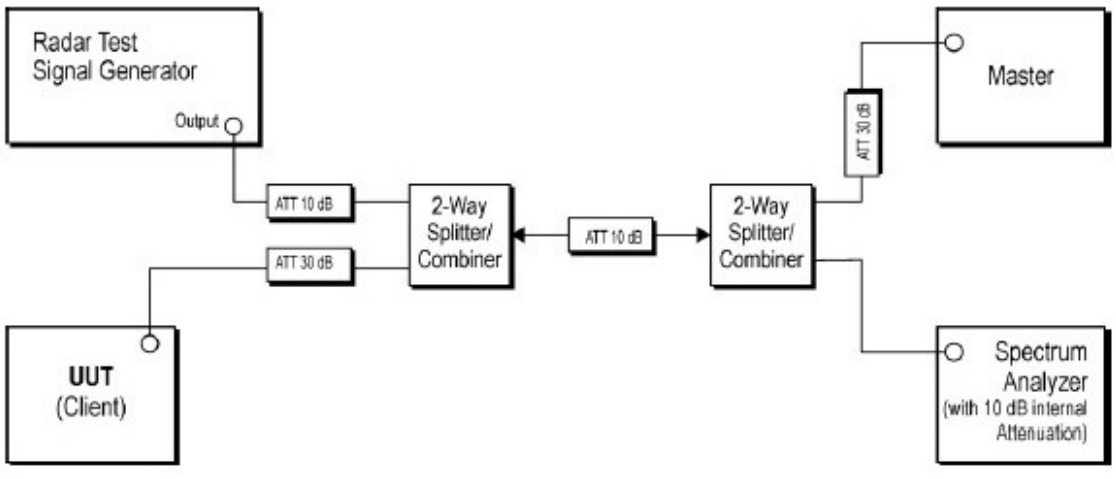
### 7.10.2 Test Setup Diagram




DFS master




DFS slave with radar detection




DFS slave without radar detection

### 7.10.3 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.

The detailed test data see: Appendix 15.407

## 7.11 Radiated Emissions

Test Requirement 47 CFR Part 15, Subpart C 15.209 & 15.407(b)

Test Method: KDB 789033 D02 II G

Measurement Distance: 3m

### 7.11.1 E.U.T. Operation

Operating Environment:

Temperature: 25 °C Humidity: 55 % RH Atmospheric Pressure: 1005 mbar

Pretest these mode to find the worst case:

h:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

o:Charge + TX mode (Band 3)_Keep the EUT in charging and 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

n:Charge + TX mode (Band 2C)_Keep the EUT in charging and 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

m:Charge + TX mode (Band 2A)_Keep the EUT in charging and 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

l:Charge + TX mode (Band 1)_Keep the EUT in charging and 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

k:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40);

data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

j:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

i:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

The worst case for final test:

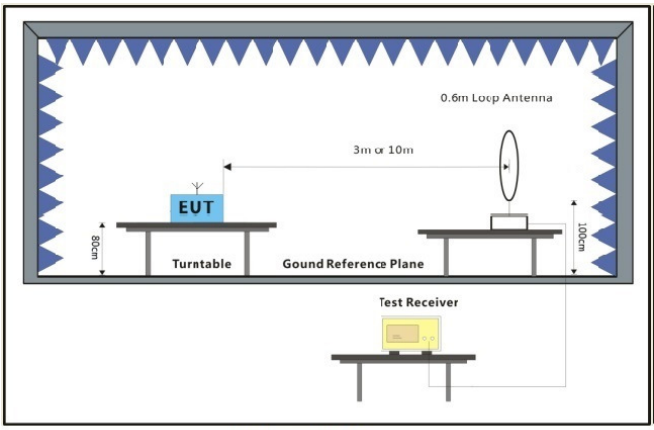
o:Charge + TX mode (Band 3)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

n:Charge + TX mode (Band 2C)_Keep the EUT in charging and 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

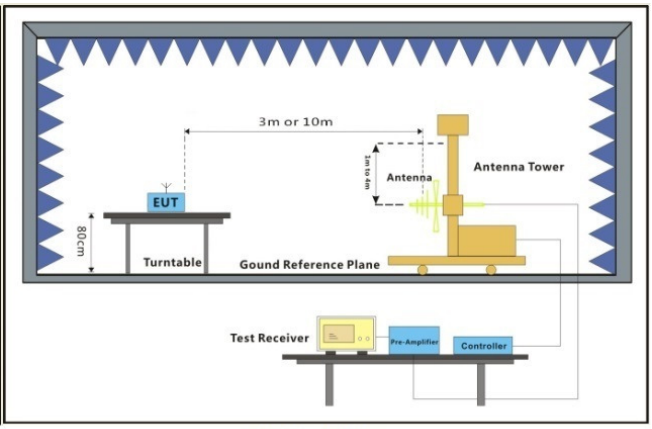
m:Charge + TX mode (Band 2A)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

l:Charge + TX mode (Band 1)_Keep the EUT in charging and 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

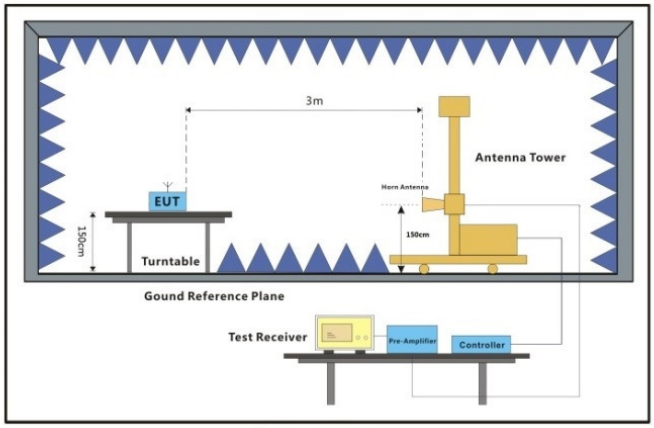
### 7.11.2Test Setup Diagram




Below 30MHz




30MHz-1GHz




Above 1GHz

### 7.11.3 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.

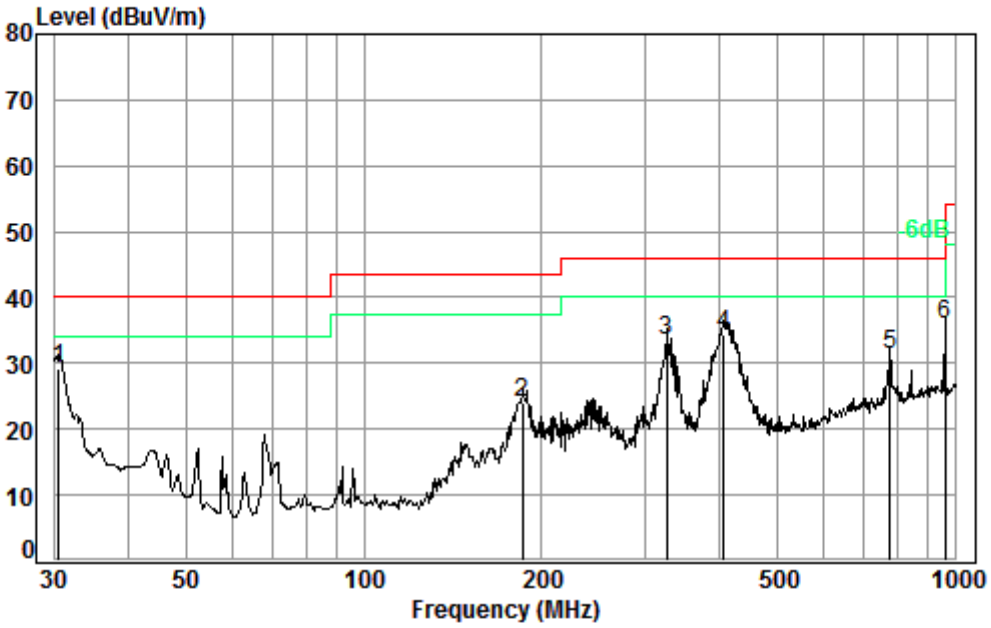
Remark: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor

Pretest the EUT at antenna 1 and antenna 2 and found the antenna 2 which is worst case, So, Only the antenna 2 test data is recorded in the report.

**Radiated emission below 1GHz**

Only the data of worst case is recorded in the report.

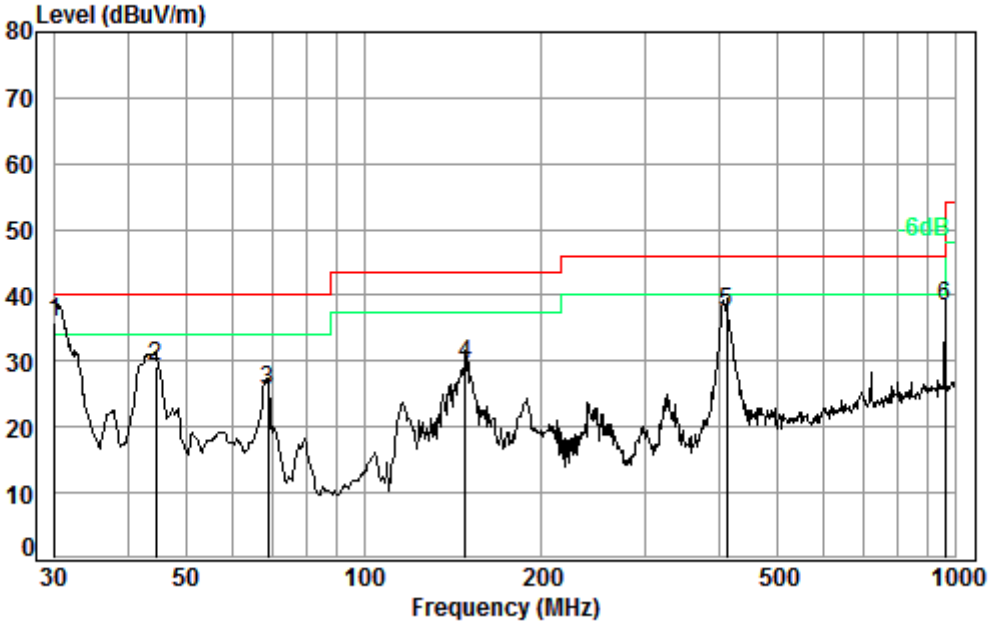
Mode:o; Polarization:Horizontal




Condition: 3m HORIZONTAL
Job No. : 06617CR
Test Mode: o

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit |
|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 30.53 | 0.60 | 18.40 | 27.35 | 37.61 | 29.26 | 40.00 | -10.74 |
| 2 | 185.79 | 1.38 | 10.02 | 26.75 | 39.40 | 24.05 | 43.50 | -19.45 |
| 3 | 324.46 | 1.98 | 14.78 | 26.58 | 43.15 | 33.33 | 46.00 | -12.67 |
| 4 | 406.09 | 2.23 | 16.32 | 27.17 | 43.12 | 34.50 | 46.00 | -11.50 |
| 5 | 774.16 | 3.13 | 21.99 | 27.33 | 33.58 | 31.37 | 46.00 | -14.63 |
| 6 pp | 958.79 | 3.66 | 23.30 | 26.51 | 35.51 | 35.96 | 46.00 | -10.04 |

Mode:o; Polarization:Vertical

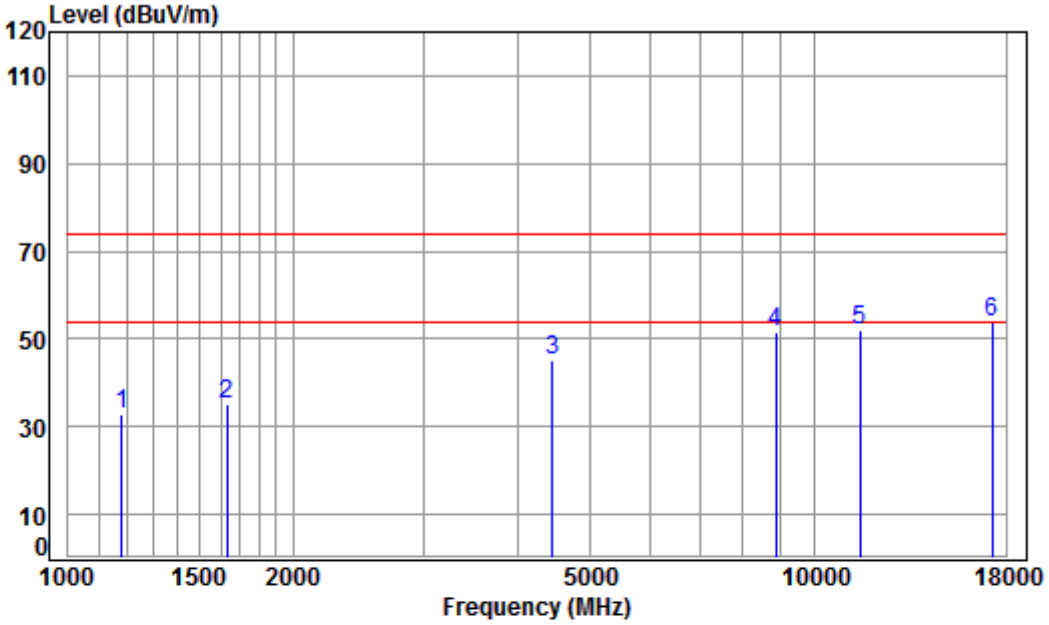



Condition: 3m VERTICAL
Job No. : 06617CR
Test Mode: o

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit |
|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 pp | 30.11 | 0.60 | 18.64 | 27.36 | 44.00 | 35.88 | 40.00 | -4.12 |
| 2 | 44.59 | 0.70 | 11.08 | 27.31 | 44.76 | 29.23 | 40.00 | -10.77 |
| 3 | 68.87 | 0.80 | 6.93 | 27.25 | 44.92 | 25.40 | 40.00 | -14.60 |
| 4 | 148.44 | 1.31 | 8.86 | 26.91 | 46.31 | 29.57 | 43.50 | -13.93 |
| 5 | 410.38 | 2.24 | 16.34 | 27.19 | 46.09 | 37.48 | 46.00 | -8.52 |
| 6 | 958.79 | 3.66 | 23.30 | 26.51 | 37.90 | 38.35 | 46.00 | -7.65 |

**Transmitter emission above 1GHz**

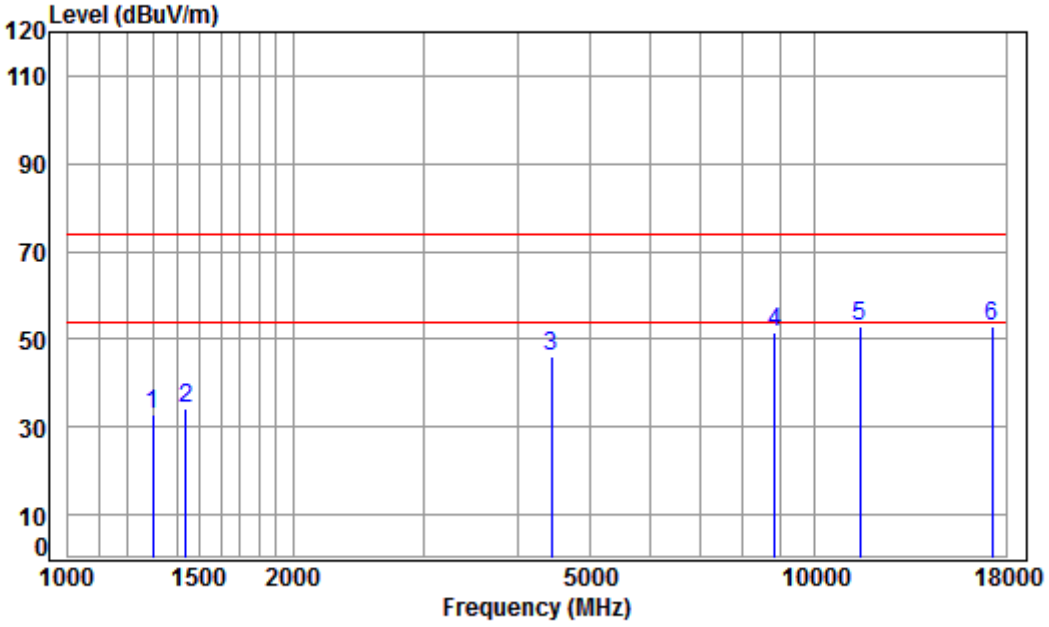
Mode:o; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5745 TX RSE
Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1179.100 | 4.05 | 24.38 | 38.08 | 42.47 | 32.82 | 74.00 | -41.18 | peak |
| 2 | 1629.825 | 4.63 | 26.38 | 38.03 | 42.36 | 35.34 | 74.00 | -38.66 | peak |
| 3 | 4456.315 | 7.23 | 33.60 | 38.24 | 42.59 | 45.18 | 74.00 | -28.82 | peak |
| 4 | 8866.062 | 10.58 | 36.44 | 35.53 | 40.28 | 51.77 | 74.00 | -22.23 | peak |
| 5 | 11490.000 | 12.33 | 38.09 | 36.00 | 37.47 | 51.89 | 74.00 | -22.11 | peak |
| 6 | pp17235.000 | 17.60 | 43.08 | 36.18 | 29.48 | 53.98 | 74.00 | -20.02 | peak |

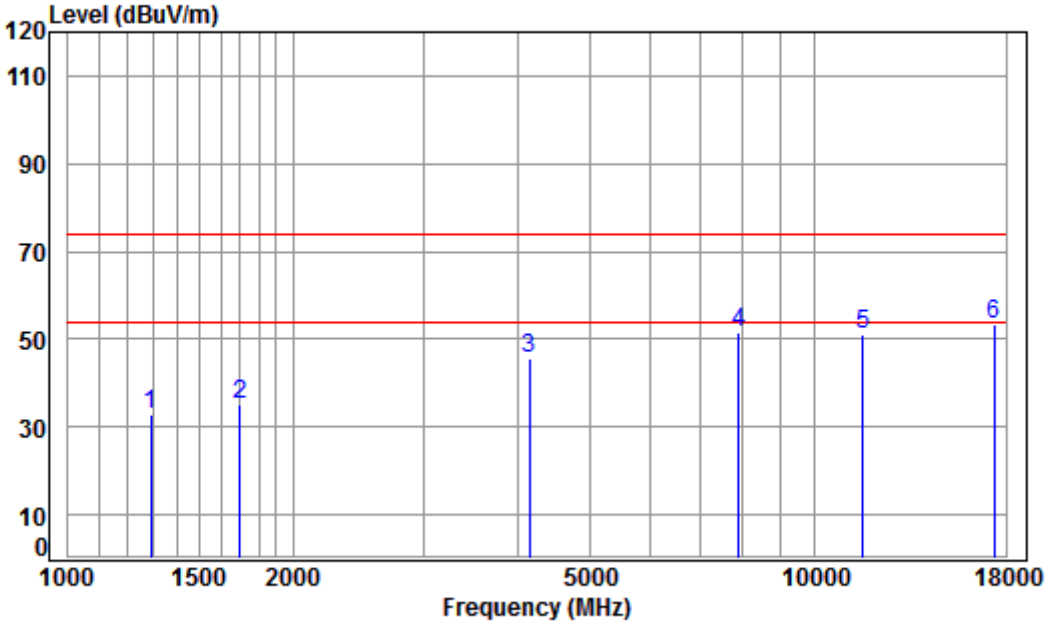
Mode:o; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5745 TX RSE
Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1300.858 | 4.22 | 24.96 | 38.06 | 41.80 | 32.92 | 74.00 | -41.08 | peak |
| 2 | 1439.343 | 4.40 | 25.56 | 38.05 | 42.09 | 34.00 | 74.00 | -40.00 | peak |
| 3 | 4443.453 | 7.22 | 33.60 | 38.24 | 43.50 | 46.08 | 74.00 | -27.92 | peak |
| 4 | 8840.473 | 10.56 | 36.41 | 35.55 | 40.22 | 51.64 | 74.00 | -22.36 | peak |
| 5 | 11490.000 | 12.33 | 38.09 | 36.00 | 38.51 | 52.93 | 74.00 | -21.07 | peak |
| 6 | pp17235.000 | 17.60 | 43.08 | 36.18 | 28.62 | 53.12 | 74.00 | -20.88 | peak |

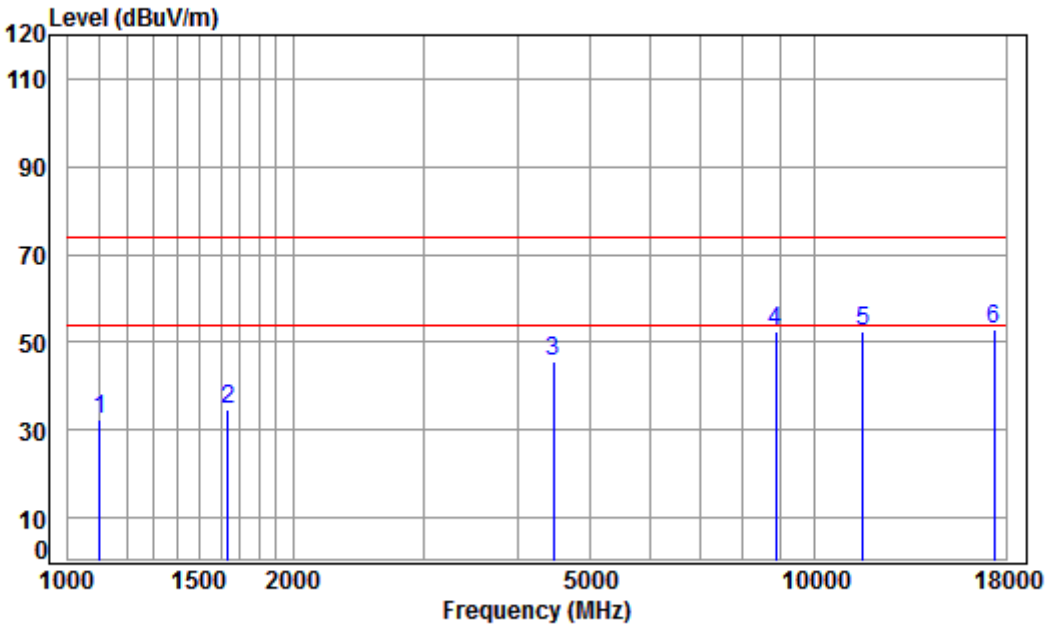
Mode:o; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:middle




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5785 TX RSE
Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1289.627 | 4.21 | 24.91 | 38.06 | 41.71 | 32.77 | 74.00 | -41.23 | peak |
| 2 | 1697.129 | 4.70 | 26.66 | 38.02 | 41.89 | 35.23 | 74.00 | -38.77 | peak |
| 3 | 4145.664 | 6.88 | 33.60 | 38.08 | 43.30 | 45.70 | 74.00 | -28.30 | peak |
| 4 | 7898.049 | 10.00 | 36.54 | 36.49 | 41.61 | 51.66 | 74.00 | -22.34 | peak |
| 5 | 11570.000 | 12.34 | 38.17 | 36.10 | 36.54 | 50.95 | 74.00 | -23.05 | peak |
| 6 | pp17355.000 | 17.93 | 43.23 | 36.12 | 28.37 | 53.41 | 74.00 | -20.59 | peak |

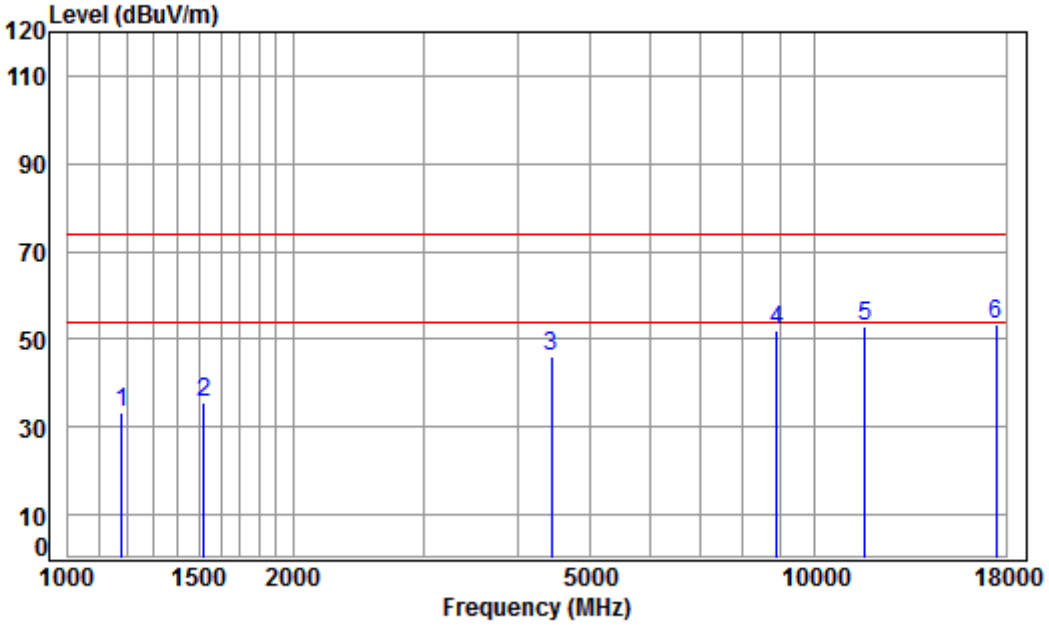
Mode:o; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:middle




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5785 TX RSE
Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1103.264 | 3.93 | 23.98 | 38.09 | 42.70 | 32.52 | 74.00 | -41.48 | peak |
| 2 | 1639.274 | 4.64 | 26.42 | 38.03 | 41.76 | 34.79 | 74.00 | -39.21 | peak |
| 3 | 4469.214 | 7.25 | 33.60 | 38.25 | 42.87 | 45.47 | 74.00 | -28.53 | peak |
| 4 | 8866.062 | 10.58 | 36.44 | 35.53 | 40.82 | 52.31 | 74.00 | -21.69 | peak |
| 5 | 11570.000 | 12.34 | 38.17 | 36.10 | 38.05 | 52.46 | 74.00 | -21.54 | peak |
| 6 | pp17355.000 | 17.93 | 43.23 | 36.12 | 27.93 | 52.97 | 74.00 | -21.03 | peak |

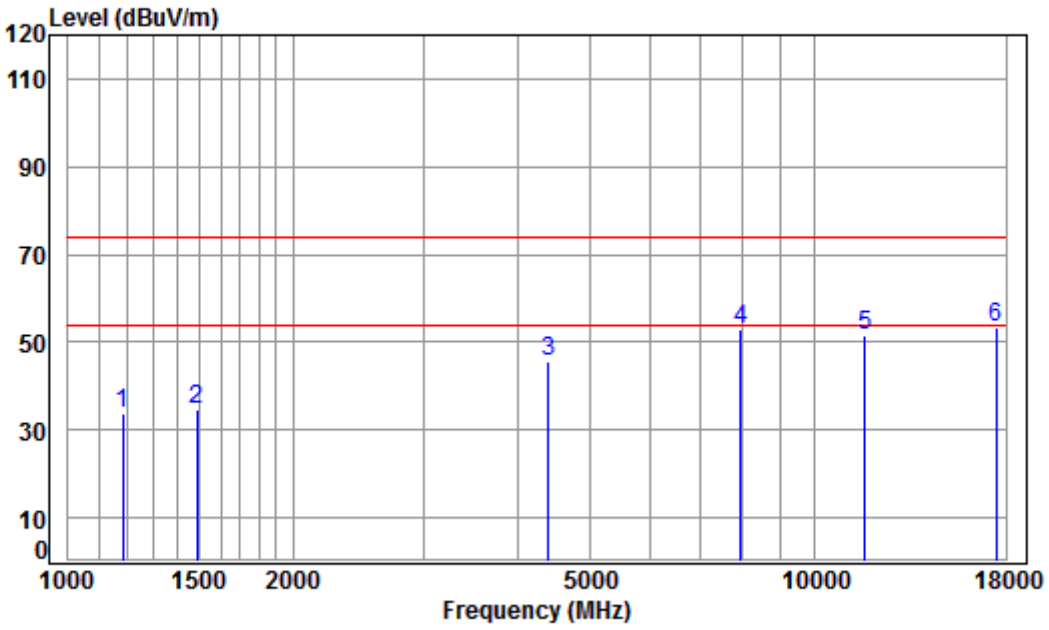
Mode:o; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5825 TX RSE
Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1179.100 | 4.05 | 24.38 | 38.08 | 42.84 | 33.19 | 74.00 | -40.81 | peak |
| 2 | 1520.598 | 4.50 | 25.89 | 38.04 | 43.15 | 35.50 | 74.00 | -38.50 | peak |
| 3 | 4430.628 | 7.20 | 33.60 | 38.23 | 43.31 | 45.88 | 74.00 | -28.12 | peak |
| 4 | 8891.725 | 10.60 | 36.47 | 35.50 | 40.36 | 51.93 | 74.00 | -22.07 | peak |
| 5 | 11650.000 | 12.35 | 38.25 | 36.19 | 38.45 | 52.86 | 74.00 | -21.14 | peak |
| 6 | pp17475.000 | 18.25 | 43.37 | 36.06 | 27.96 | 53.52 | 74.00 | -20.48 | peak |

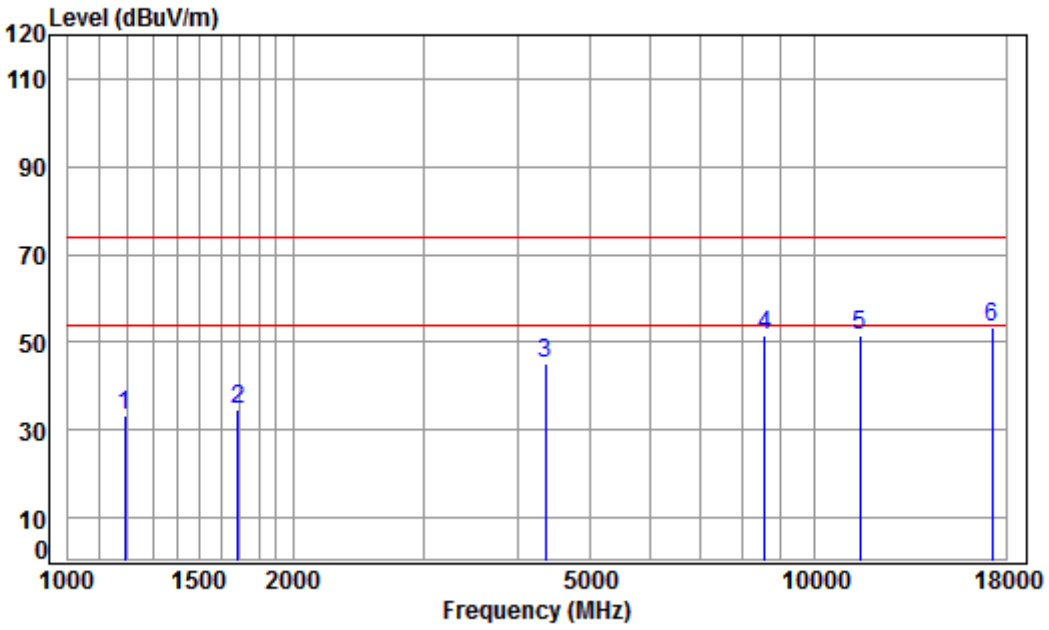
Mode:o; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5825 TX RSE
Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1182.513 | 4.05 | 24.39 | 38.08 | 43.47 | 33.83 | 74.00 | -40.17 | peak |
| 2 | 1485.841 | 4.45 | 25.74 | 38.04 | 42.54 | 34.69 | 74.00 | -39.31 | peak |
| 3 | 4392.376 | 7.16 | 33.60 | 38.21 | 43.29 | 45.84 | 74.00 | -28.16 | peak |
| 4 | 7943.838 | 10.02 | 36.57 | 36.45 | 42.57 | 52.71 | 74.00 | -21.29 | peak |
| 5 | 11650.000 | 12.35 | 38.25 | 36.19 | 37.12 | 51.53 | 74.00 | -22.47 | peak |
| 6 | pp17475.000 | 18.25 | 43.37 | 36.06 | 27.81 | 53.37 | 74.00 | -20.63 | peak |

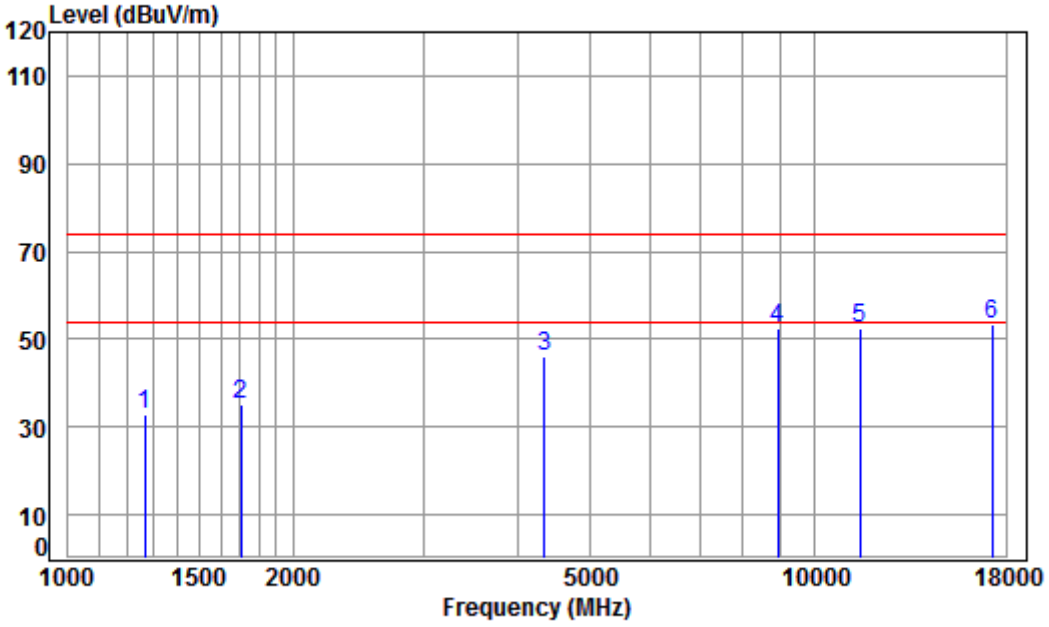
Mode:o; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5745 TX RSE
Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1192.811 | 4.07 | 24.44 | 38.07 | 42.79 | 33.23 | 74.00 | -40.77 | peak |
| 2 | 1687.347 | 4.69 | 26.62 | 38.02 | 41.42 | 34.71 | 74.00 | -39.29 | peak |
| 3 | 4354.454 | 7.12 | 33.60 | 38.19 | 42.67 | 45.20 | 74.00 | -28.80 | peak |
| 4 | 8563.818 | 10.36 | 36.08 | 35.82 | 41.04 | 51.66 | 74.00 | -22.34 | peak |
| 5 | 11490.000 | 12.33 | 38.09 | 36.00 | 37.30 | 51.72 | 74.00 | -22.28 | peak |
| 6 | pp17235.000 | 17.60 | 43.08 | 36.18 | 28.82 | 53.32 | 74.00 | -20.68 | peak |

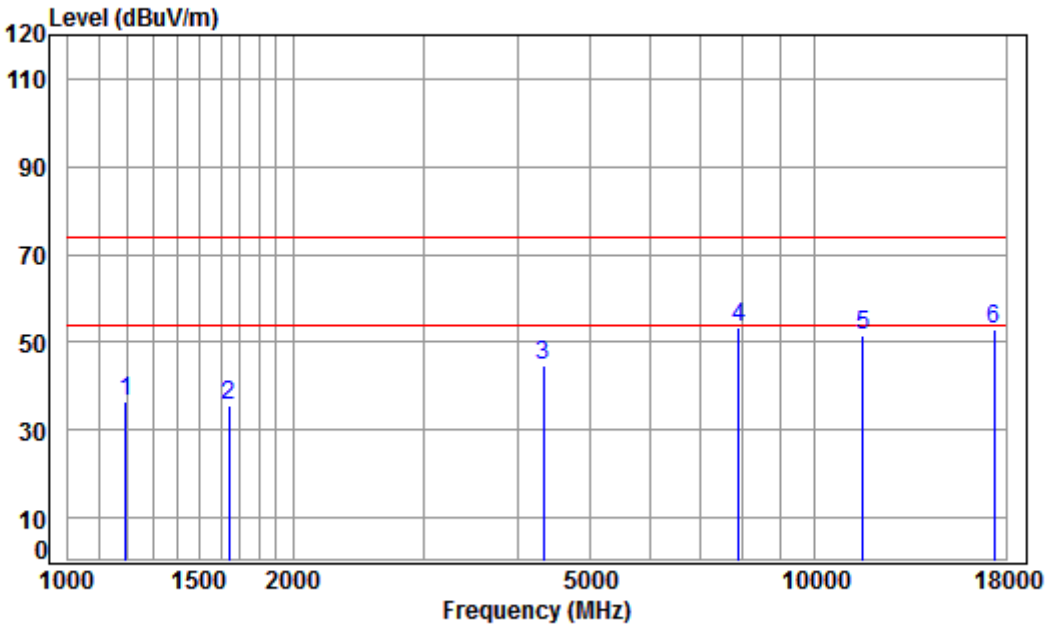
Mode:o; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5745 TX RSE
Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1267.454 | 4.18 | 24.80 | 38.07 | 41.81 | 32.72 | 74.00 | -41.28 | peak |
| 2 | 1702.042 | 4.71 | 26.68 | 38.02 | 41.76 | 35.13 | 74.00 | -38.87 | peak |
| 3 | 4341.886 | 7.10 | 33.60 | 38.18 | 43.65 | 46.17 | 74.00 | -27.83 | peak |
| 4 | 8917.462 | 10.62 | 36.50 | 35.48 | 40.79 | 52.43 | 74.00 | -21.57 | peak |
| 5 | 11490.000 | 12.33 | 38.09 | 36.00 | 38.08 | 52.50 | 74.00 | -21.50 | peak |
| 6 | pp17235.000 | 17.60 | 43.08 | 36.18 | 29.09 | 53.59 | 74.00 | -20.41 | peak |

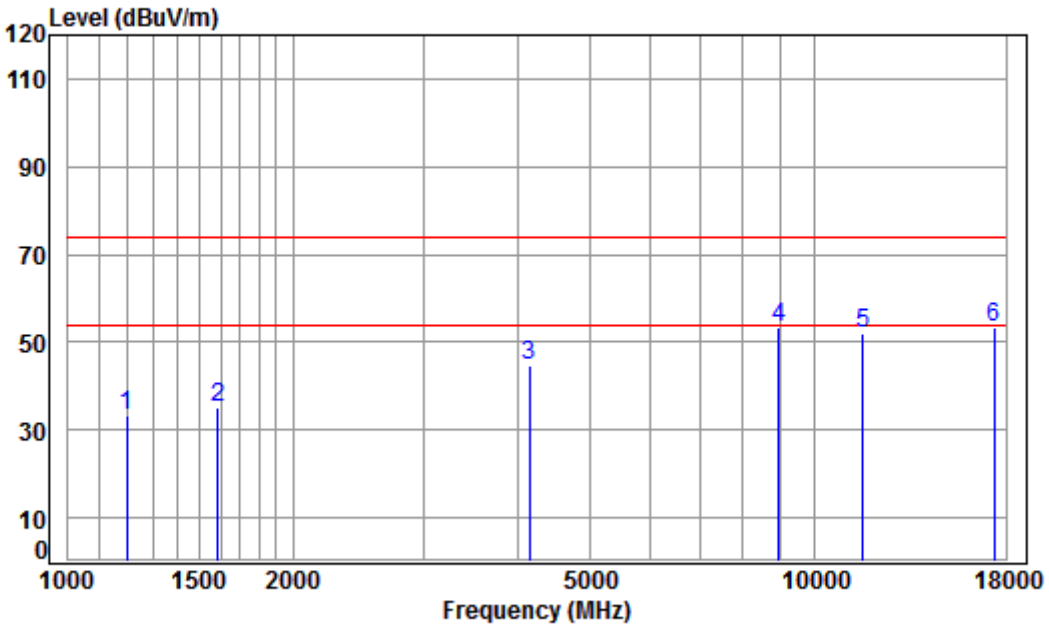
Mode:o; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:middle




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5785 TX RSE
Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1196.264 | 4.07 | 24.46 | 38.07 | 46.06 | 36.52 | 74.00 | -37.48 | peak |
| 2 | 1644.019 | 4.64 | 26.44 | 38.03 | 42.35 | 35.40 | 74.00 | -38.60 | peak |
| 3 | 4329.354 | 7.09 | 33.60 | 38.18 | 42.36 | 44.87 | 74.00 | -29.13 | peak |
| 4 | pp 7898.049 | 10.00 | 36.54 | 36.49 | 43.32 | 53.37 | 74.00 | -20.63 | peak |
| 5 | 11570.000 | 12.34 | 38.17 | 36.10 | 36.97 | 51.38 | 74.00 | -22.62 | peak |
| 6 | 17355.000 | 17.93 | 43.23 | 36.12 | 27.98 | 53.02 | 74.00 | -20.98 | peak |

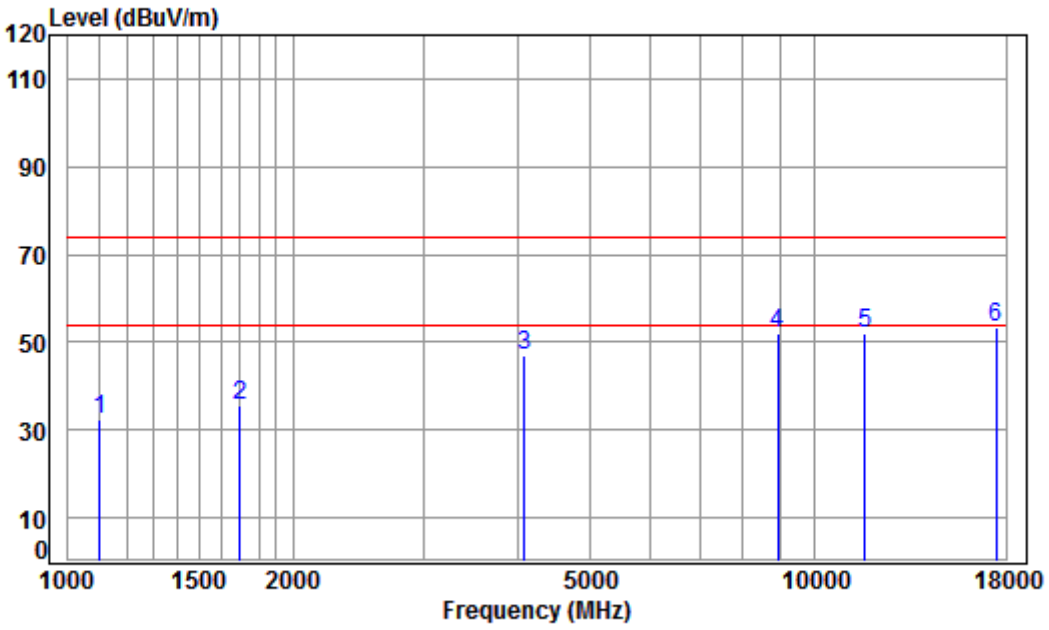
Mode:o; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:middle




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5785 TX RSE
Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1199.726 | 4.08 | 24.48 | 38.07 | 42.81 | 33.30 | 74.00 | -40.70 | peak |
| 2 | 1587.975 | 4.58 | 26.20 | 38.03 | 42.58 | 35.33 | 74.00 | -38.67 | peak |
| 3 | 4145.664 | 6.88 | 33.60 | 38.08 | 42.53 | 44.93 | 74.00 | -29.07 | peak |
| 4 | 8943.274 | 10.64 | 36.53 | 35.45 | 41.77 | 53.49 | 74.00 | -20.51 | peak |
| 5 | 11570.000 | 12.34 | 38.17 | 36.10 | 37.38 | 51.79 | 74.00 | -22.21 | peak |
| 6 | pp17355.000 | 17.93 | 43.23 | 36.12 | 28.52 | 53.56 | 74.00 | -20.44 | peak |

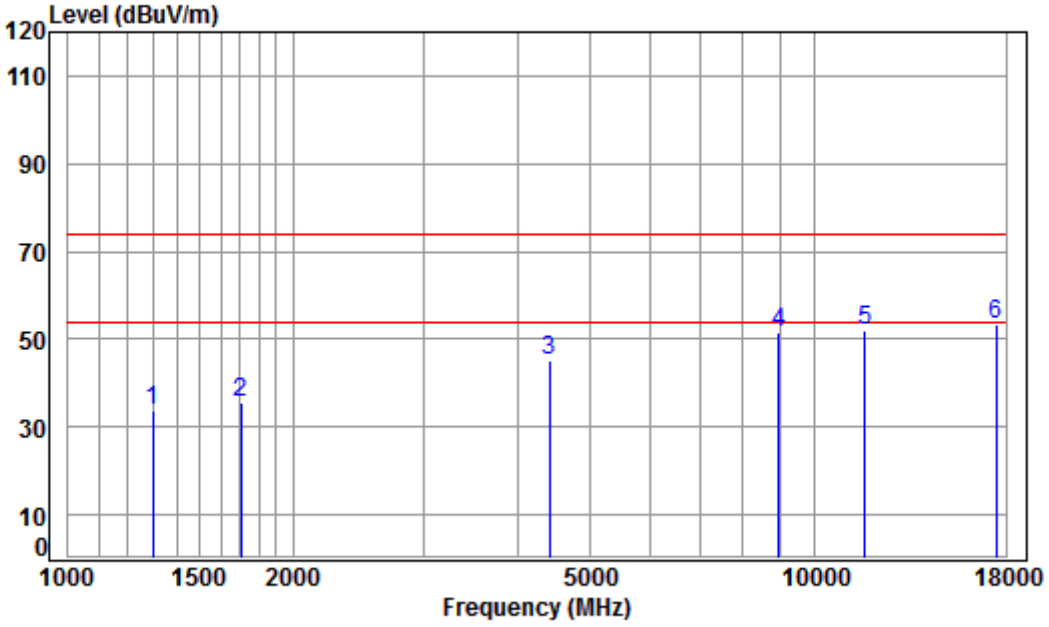
Mode:o; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5825 TX RSE
Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1103.264 | 3.93 | 23.98 | 38.09 | 42.36 | 32.18 | 74.00 | -41.82 | peak |
| 2 | 1697.129 | 4.70 | 26.66 | 38.02 | 42.04 | 35.38 | 74.00 | -38.62 | peak |
| 3 | 4086.182 | 6.80 | 33.60 | 38.05 | 44.43 | 46.78 | 74.00 | -27.22 | peak |
| 4 | 8917.462 | 10.62 | 36.50 | 35.48 | 40.20 | 51.84 | 74.00 | -22.16 | peak |
| 5 | 11650.000 | 12.35 | 38.25 | 36.19 | 37.45 | 51.86 | 74.00 | -22.14 | peak |
| 6 | pp17475.000 | 18.25 | 43.37 | 36.06 | 27.94 | 53.50 | 74.00 | -20.50 | peak |

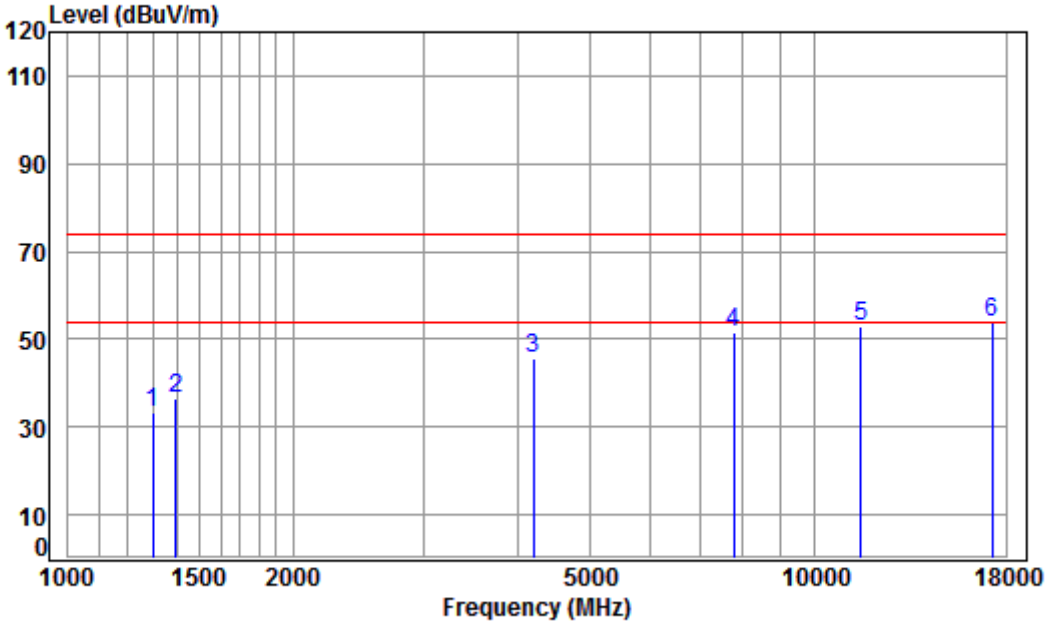
Mode:o; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5825 TX RSE
Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1300.858 | 4.22 | 24.96 | 38.06 | 42.43 | 33.55 | 74.00 | -40.45 | peak |
| 2 | 1702.042 | 4.71 | 26.68 | 38.02 | 42.17 | 35.54 | 74.00 | -38.46 | peak |
| 3 | 4405.090 | 7.18 | 33.60 | 38.22 | 42.77 | 45.33 | 74.00 | -28.67 | peak |
| 4 | 8943.274 | 10.64 | 36.53 | 35.45 | 40.01 | 51.73 | 74.00 | -22.27 | peak |
| 5 | 11650.000 | 12.35 | 38.25 | 36.19 | 37.58 | 51.99 | 74.00 | -22.01 | peak |
| 6 | pp17475.000 | 18.25 | 43.37 | 36.06 | 27.60 | 53.16 | 74.00 | -20.84 | peak |

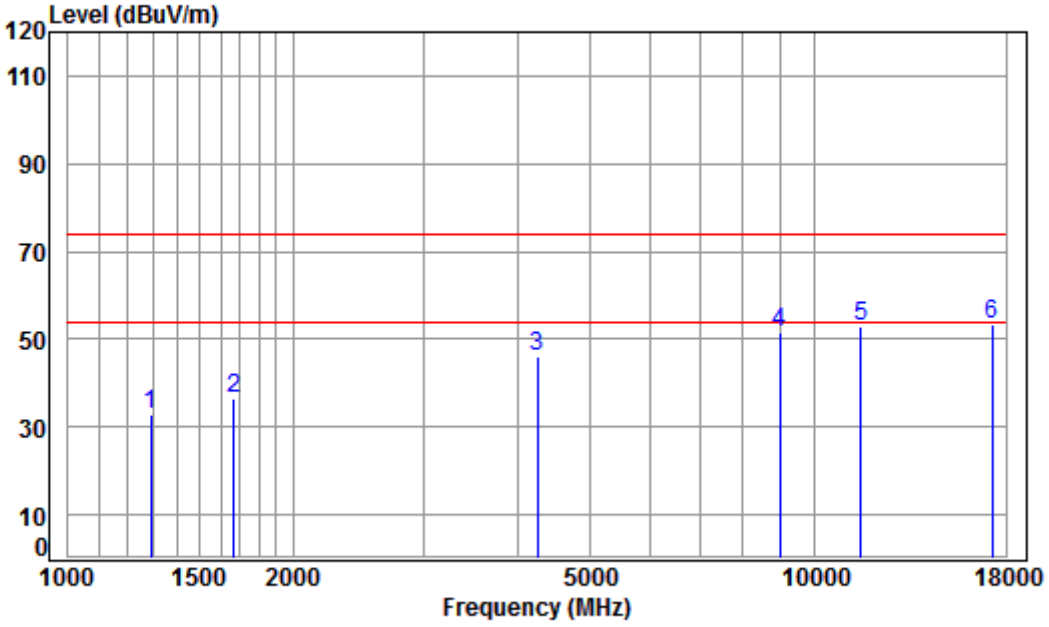
Mode:o; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5755 TX RSE
Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1300.858 | 4.22 | 24.96 | 38.06 | 42.24 | 33.36 | 74.00 | -40.64 | peak |
| 2 | 1394.300 | 4.34 | 25.37 | 38.05 | 45.06 | 36.72 | 74.00 | -37.28 | peak |
| 3 | 4193.872 | 6.93 | 33.60 | 38.11 | 43.05 | 45.47 | 74.00 | -28.53 | peak |
| 4 | 7784.729 | 9.96 | 36.47 | 36.58 | 41.87 | 51.72 | 74.00 | -22.28 | peak |
| 5 | 11510.000 | 12.33 | 38.11 | 36.03 | 38.42 | 52.83 | 74.00 | -21.17 | peak |
| 6 | pp17265.000 | 17.68 | 43.12 | 36.16 | 29.35 | 53.99 | 74.00 | -20.01 | peak |

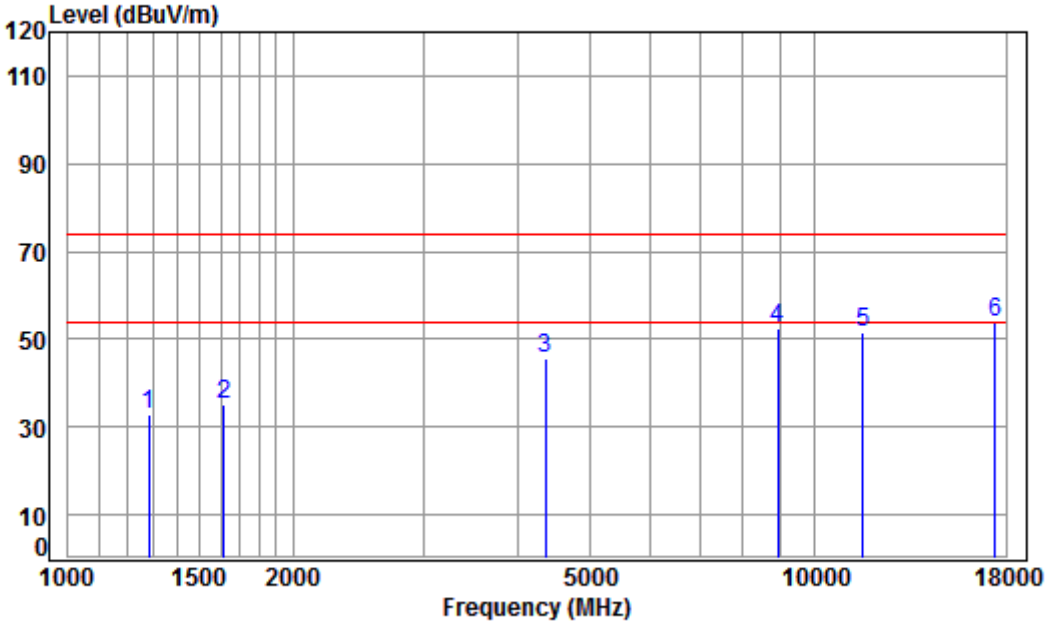
Mode:o; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5755 TX RSE
Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1289.627 | 4.21 | 24.91 | 38.06 | 41.96 | 33.02 | 74.00 | -40.98 | peak |
| 2 | 1667.951 | 4.67 | 26.54 | 38.03 | 43.13 | 36.31 | 74.00 | -37.69 | peak |
| 3 | 4254.921 | 7.00 | 33.60 | 38.14 | 43.61 | 46.07 | 74.00 | -27.93 | peak |
| 4 | 8969.161 | 10.66 | 36.56 | 35.43 | 39.88 | 51.67 | 74.00 | -22.33 | peak |
| 5 | 11510.000 | 12.33 | 38.11 | 36.03 | 38.63 | 53.04 | 74.00 | -20.96 | peak |
| 6 | pp17265.000 | 17.68 | 43.12 | 36.16 | 28.84 | 53.48 | 74.00 | -20.52 | peak |

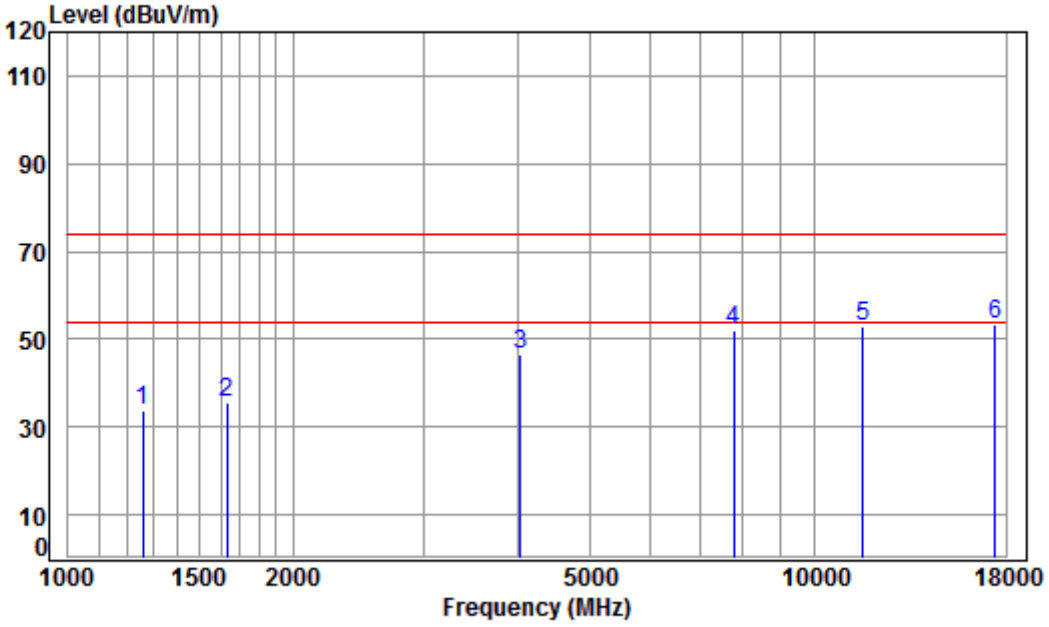
Mode:o; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5795 TX RSE
Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1282.193 | 4.20 | 24.87 | 38.06 | 41.75 | 32.76 | 74.00 | -41.24 | peak |
| 2 | 1615.754 | 4.61 | 26.32 | 38.03 | 42.23 | 35.13 | 74.00 | -38.87 | peak |
| 3 | 4354.454 | 7.12 | 33.60 | 38.19 | 43.12 | 45.65 | 74.00 | -28.35 | peak |
| 4 | 8917.462 | 10.62 | 36.50 | 35.48 | 40.90 | 52.54 | 74.00 | -21.46 | peak |
| 5 | 11590.000 | 12.34 | 38.19 | 36.12 | 37.28 | 51.69 | 74.00 | -22.31 | peak |
| 6 | pp17385.000 | 18.01 | 43.26 | 36.10 | 28.72 | 53.89 | 74.00 | -20.11 | peak |

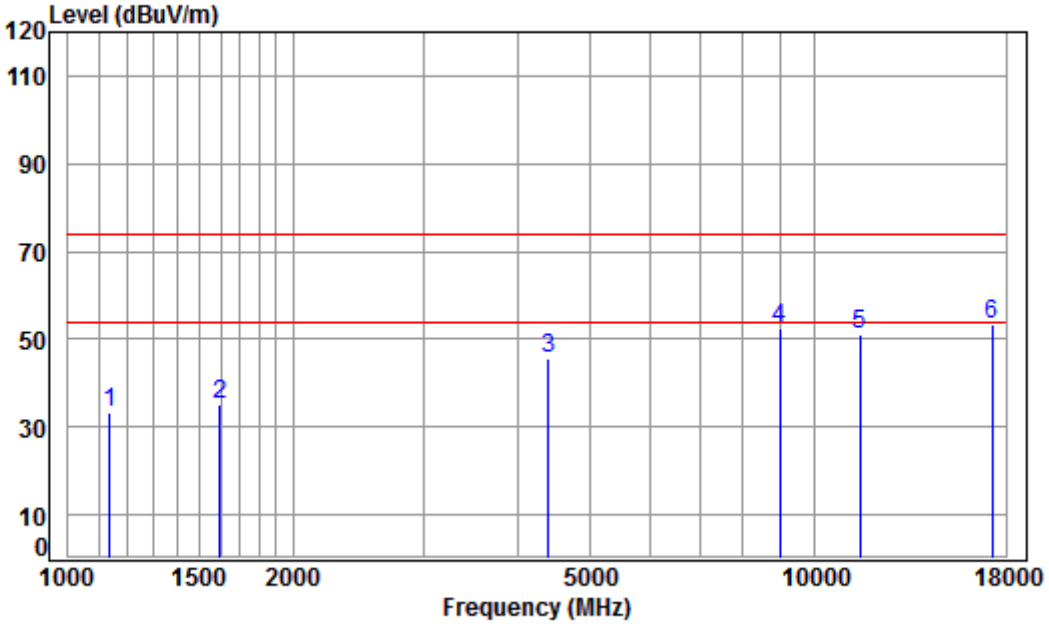
Mode:o; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5795 TX RSE
Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1260.149 | 4.16 | 24.77 | 38.07 | 42.76 | 33.62 | 74.00 | -40.38 | peak |
| 2 | 1629.825 | 4.63 | 26.38 | 38.03 | 42.75 | 35.73 | 74.00 | -38.27 | peak |
| 3 | 4027.554 | 6.73 | 33.60 | 38.02 | 44.26 | 46.57 | 74.00 | -27.43 | peak |
| 4 | 7784.729 | 9.96 | 36.47 | 36.58 | 42.38 | 52.23 | 74.00 | -21.77 | peak |
| 5 | 11590.000 | 12.34 | 38.19 | 36.12 | 38.31 | 52.72 | 74.00 | -21.28 | peak |
| 6 | pp17385.000 | 18.01 | 43.26 | 36.10 | 28.13 | 53.30 | 74.00 | -20.70 | peak |

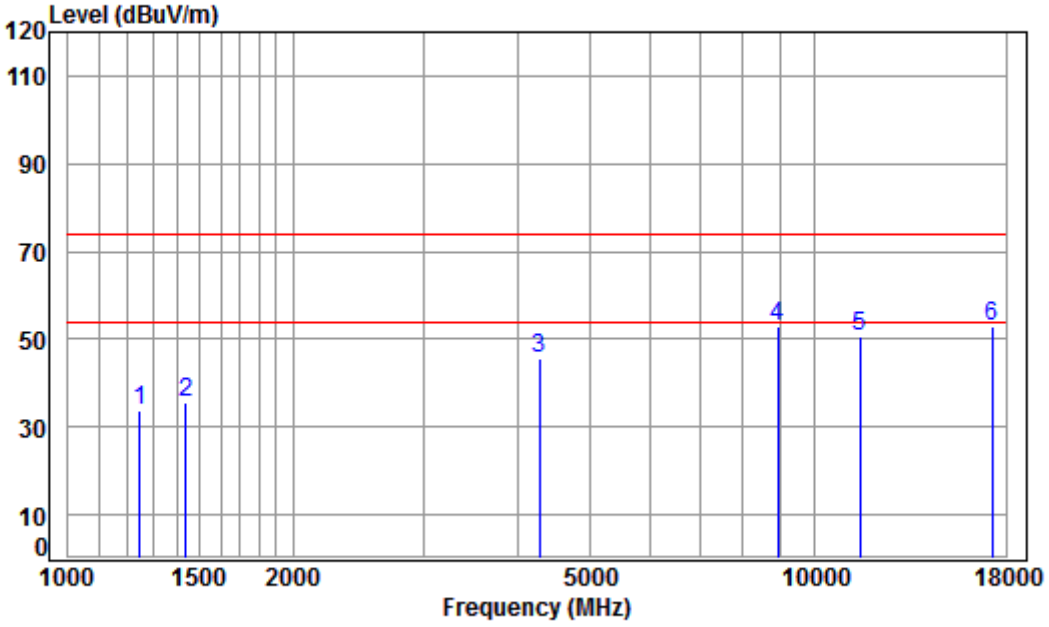
Mode:o; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5745 TX RSE
Note : 5G WIFI 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 | 1138.904 | 3.99 | 24.17 | 38.08 | 43.11 | 33.19 | 74.00 | -40.81 | peak |
| 2 | 1597.181 | 4.59 | 26.24 | 38.03 | 42.19 | 34.99 | 74.00 | -39.01 | peak |
| 3 | 4392.376 | 7.16 | 33.60 | 38.21 | 43.23 | 45.78 | 74.00 | -28.22 | peak |
| 4 | 8969.161 | 10.66 | 36.56 | 35.43 | 40.72 | 52.51 | 74.00 | -21.49 | peak |
| 5 | 11490.000 | 12.33 | 38.09 | 36.00 | 36.59 | 51.01 | 74.00 | -22.99 | peak |
| 6 | pp17235.000 | 17.60 | 43.08 | 36.18 | 28.97 | 53.47 | 74.00 | -20.53 | peak |

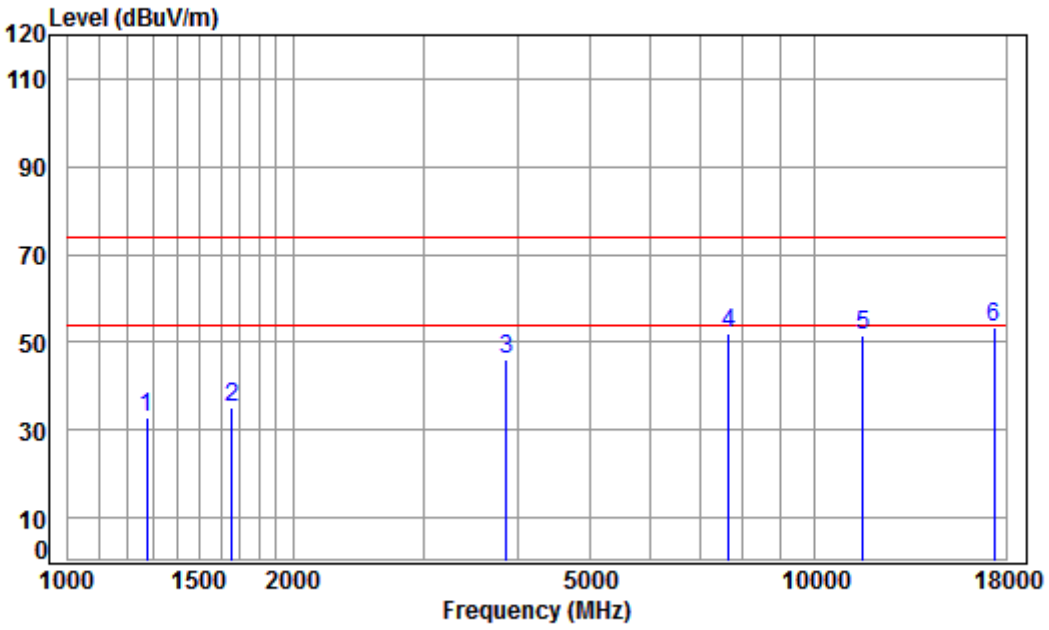
Mode:o; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5745 TX RSE
Note : 5G WIFI 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 | 1249.269 | 4.15 | 24.72 | 38.07 | 42.74 | 33.54 | 74.00 | -40.46 | peak |
| 2 | 1439.343 | 4.40 | 25.56 | 38.05 | 43.60 | 35.51 | 74.00 | -38.49 | peak |
| 3 | 4279.589 | 7.03 | 33.60 | 38.15 | 43.11 | 45.59 | 74.00 | -28.41 | peak |
| 4 pp | 8917.462 | 10.62 | 36.50 | 35.48 | 41.28 | 52.92 | 74.00 | -21.08 | peak |
| 5 | 11490.000 | 12.33 | 38.09 | 36.00 | 36.21 | 50.63 | 74.00 | -23.37 | peak |
| 6 | 17235.000 | 17.60 | 43.08 | 36.18 | 28.25 | 52.75 | 74.00 | -21.25 | peak |

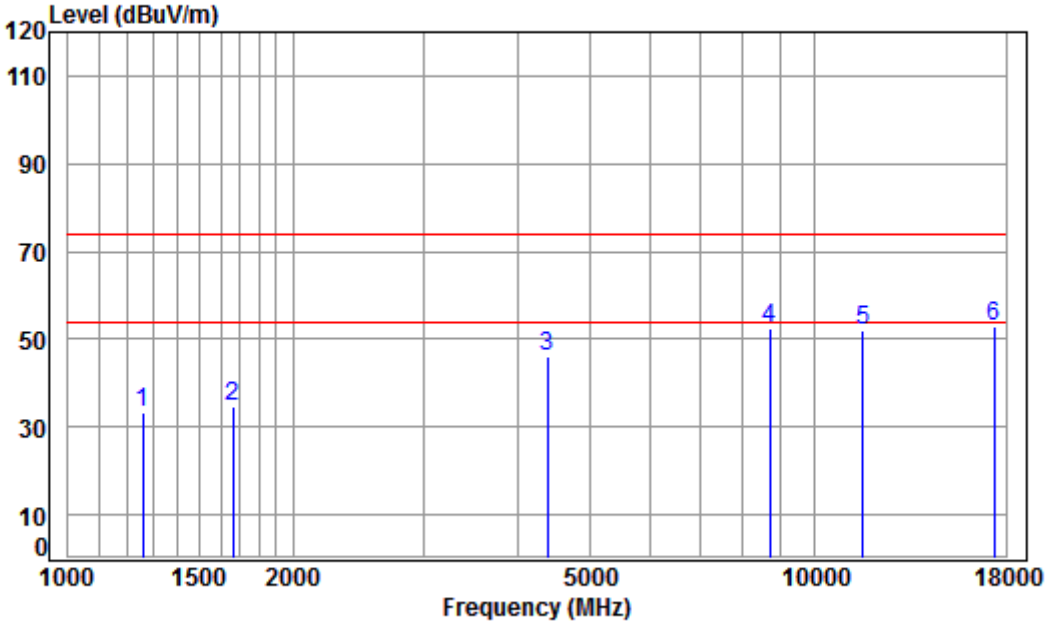
Mode:o; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:middle




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5785 TX RSE
Note : 5G WIFI 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 | 1274.802 | 4.19 | 24.84 | 38.06 | 41.97 | 32.94 | 74.00 | -41.06 | peak |
| 2 | 1658.337 | 4.66 | 26.50 | 38.03 | 41.87 | 35.00 | 74.00 | -39.00 | peak |
| 3 | 3856.668 | 6.59 | 33.22 | 37.99 | 44.31 | 46.13 | 74.00 | -27.87 | peak |
| 4 | 7673.034 | 9.92 | 36.41 | 36.68 | 42.34 | 51.99 | 74.00 | -22.01 | peak |
| 5 | 11570.000 | 12.34 | 38.17 | 36.10 | 37.03 | 51.44 | 74.00 | -22.56 | peak |
| 6 | pp17355.000 | 17.93 | 43.23 | 36.12 | 28.45 | 53.49 | 74.00 | -20.51 | peak |

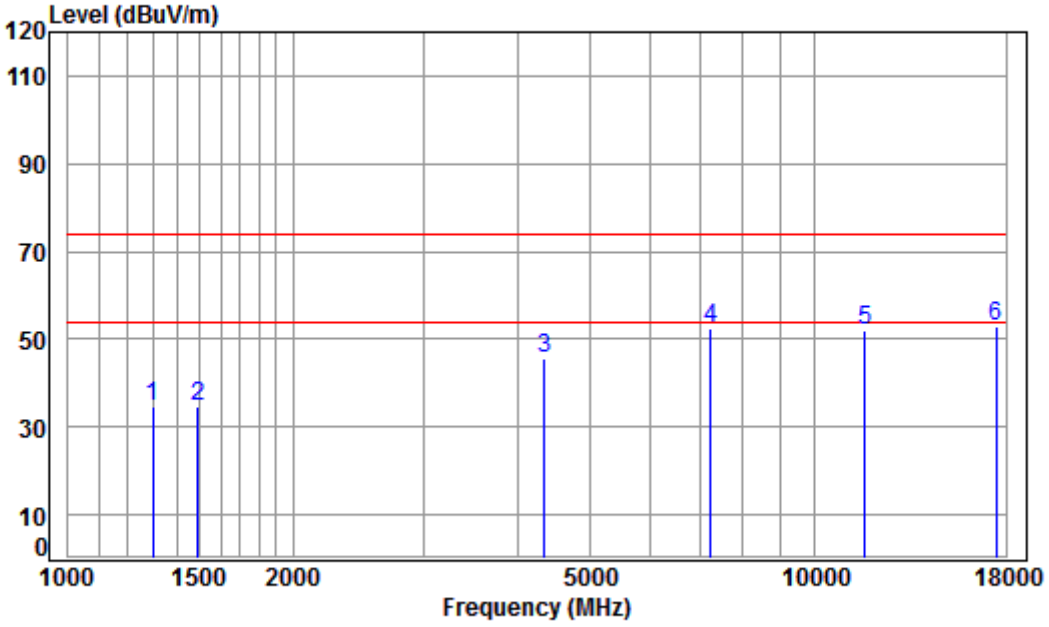
Mode:o; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:middle




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5785 TX RSE
Note : 5G WIFI 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 | 1260.149 | 4.16 | 24.77 | 38.07 | 42.32 | 33.18 | 74.00 | -40.82 | peak |
| 2 | 1663.137 | 4.66 | 26.52 | 38.03 | 41.58 | 34.73 | 74.00 | -39.27 | peak |
| 3 | 4379.699 | 7.15 | 33.60 | 38.20 | 43.33 | 45.88 | 74.00 | -28.12 | peak |
| 4 | 8688.480 | 10.45 | 36.23 | 35.70 | 41.29 | 52.27 | 74.00 | -21.73 | peak |
| 5 | 11570.000 | 12.34 | 38.17 | 36.10 | 37.69 | 52.10 | 74.00 | -21.90 | peak |
| 6 | pp17355.000 | 17.93 | 43.23 | 36.12 | 28.08 | 53.12 | 74.00 | -20.88 | peak |

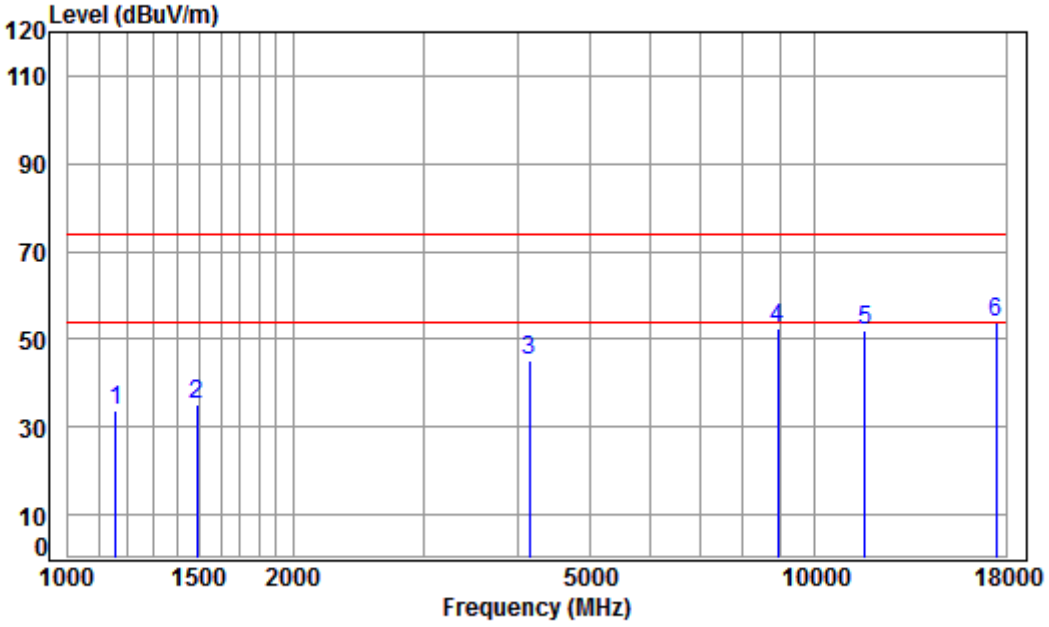
Mode:o; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5825 TX RSE
Note : 5G WIFI 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 | 1297.103 | 4.22 | 24.94 | 38.06 | 43.60 | 34.70 | 74.00 | -39.30 | peak |
| 2 | 1494.455 | 4.46 | 25.78 | 38.04 | 42.69 | 34.89 | 74.00 | -39.11 | peak |
| 3 | 4341.886 | 7.10 | 33.60 | 38.18 | 43.16 | 45.68 | 74.00 | -28.32 | peak |
| 4 | 7242.052 | 9.68 | 36.40 | 37.07 | 43.57 | 52.58 | 74.00 | -21.42 | peak |
| 5 | 11650.000 | 12.35 | 38.25 | 36.19 | 37.77 | 52.18 | 74.00 | -21.82 | peak |
| 6 | pp17475.000 | 18.25 | 43.37 | 36.06 | 27.47 | 53.03 | 74.00 | -20.97 | peak |

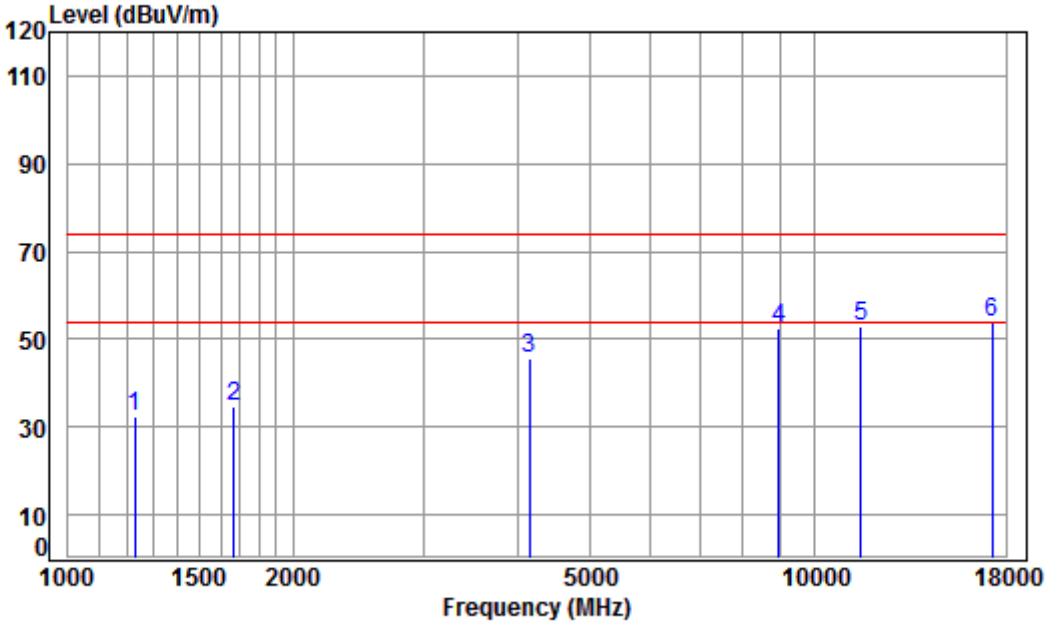
Mode:o; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5825 TX RSE
Note : 5G WIFI 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 | 1158.828 | 4.02 | 24.27 | 38.08 | 43.33 | 33.54 | 74.00 | -40.46 | peak |
| 2 | 1490.142 | 4.46 | 25.76 | 38.04 | 43.06 | 35.24 | 74.00 | -38.76 | peak |
| 3 | 4145.664 | 6.88 | 33.60 | 38.08 | 42.85 | 45.25 | 74.00 | -28.75 | peak |
| 4 | 8917.462 | 10.62 | 36.50 | 35.48 | 40.70 | 52.34 | 74.00 | -21.66 | peak |
| 5 | 11650.000 | 12.35 | 38.25 | 36.19 | 37.81 | 52.22 | 74.00 | -21.78 | peak |
| 6 | pp17475.000 | 18.25 | 43.37 | 36.06 | 28.34 | 53.90 | 74.00 | -20.10 | peak |

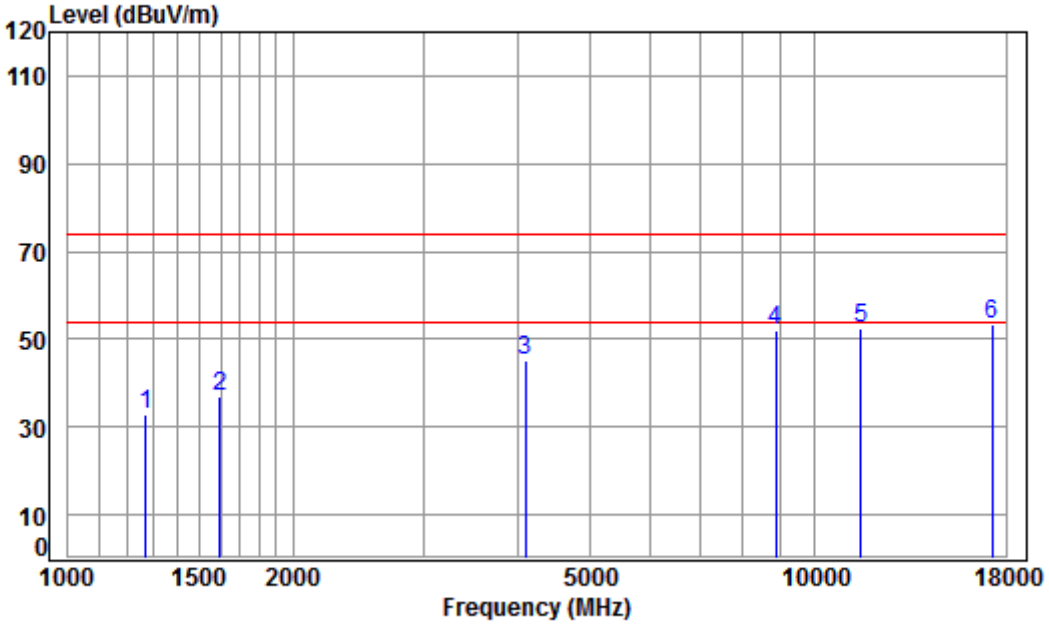
Mode:o; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5755 TX RSE
Note : 5G WIFI 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 | 1227.791 | 4.12 | 24.61 | 38.07 | 41.93 | 32.59 | 74.00 | -41.41 | peak |
| 2 | 1667.951 | 4.67 | 26.54 | 38.03 | 41.28 | 34.46 | 74.00 | -39.54 | peak |
| 3 | 4145.664 | 6.88 | 33.60 | 38.08 | 43.17 | 45.57 | 74.00 | -28.43 | peak |
| 4 | 8943.274 | 10.64 | 36.53 | 35.45 | 40.88 | 52.60 | 74.00 | -21.40 | peak |
| 5 | 11510.000 | 12.33 | 38.11 | 36.03 | 38.38 | 52.79 | 74.00 | -21.21 | peak |
| 6 | pp17265.000 | 17.68 | 43.12 | 36.16 | 29.10 | 53.74 | 74.00 | -20.26 | peak |

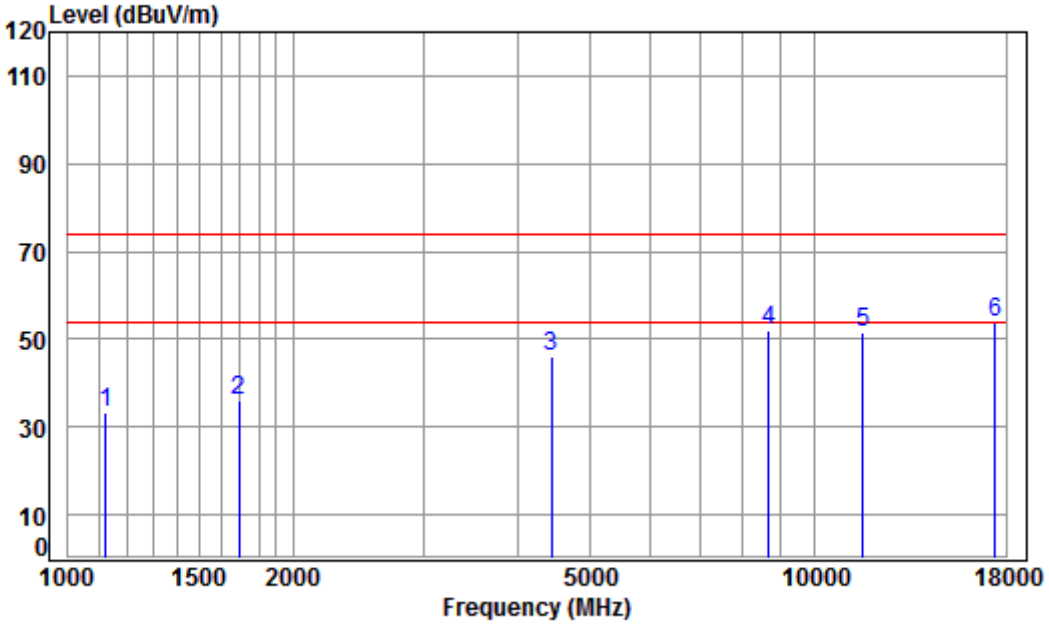
Mode:o; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5755 TX RSE
Note : 5G WIFI 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 | 1271.123 | 4.18 | 24.82 | 38.07 | 41.77 | 32.70 | 74.00 | -41.30 | peak |
| 2 | 1597.181 | 4.59 | 26.24 | 38.03 | 44.03 | 36.83 | 74.00 | -37.17 | peak |
| 3 | 4098.010 | 6.82 | 33.60 | 38.05 | 42.62 | 44.99 | 74.00 | -29.01 | peak |
| 4 | 8866.062 | 10.58 | 36.44 | 35.53 | 40.35 | 51.84 | 74.00 | -22.16 | peak |
| 5 | 11510.000 | 12.33 | 38.11 | 36.03 | 37.99 | 52.40 | 74.00 | -21.60 | peak |
| 6 | pp17265.000 | 17.68 | 43.12 | 36.16 | 28.78 | 53.42 | 74.00 | -20.58 | peak |

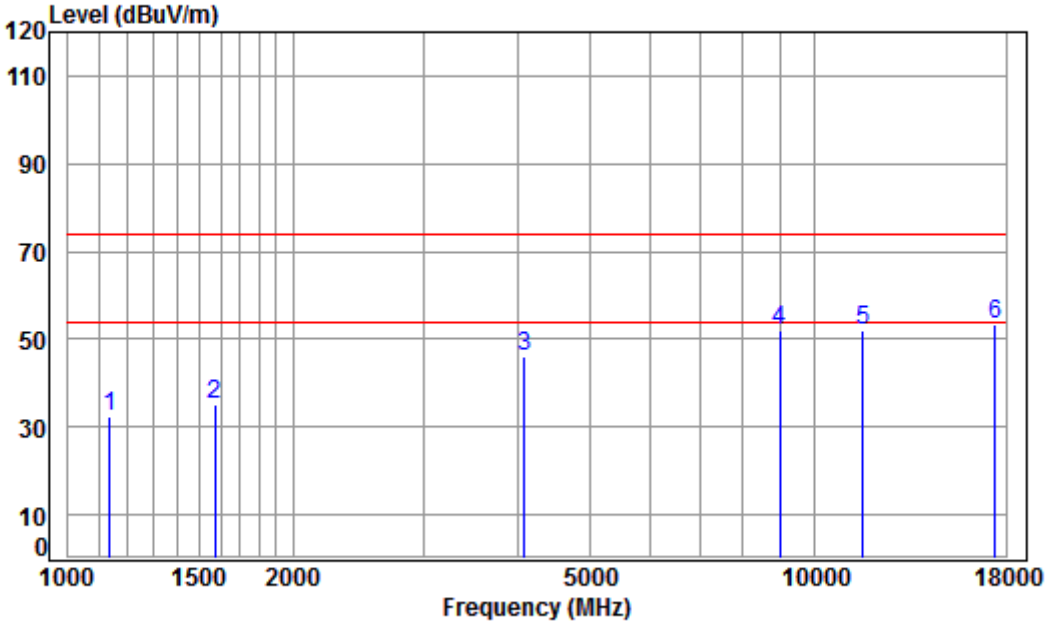
Mode:o; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5795 TX RSE
Note : 5G WIFI 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 | 1122.563 | 3.96 | 24.08 | 38.08 | 43.14 | 33.10 | 74.00 | -40.90 | peak |
| 2 | 1692.231 | 4.70 | 26.64 | 38.02 | 42.59 | 35.91 | 74.00 | -38.09 | peak |
| 3 | 4430.628 | 7.20 | 33.60 | 38.23 | 43.33 | 45.90 | 74.00 | -28.10 | peak |
| 4 | 8663.404 | 10.43 | 36.20 | 35.72 | 40.89 | 51.80 | 74.00 | -22.20 | peak |
| 5 | 11590.000 | 12.34 | 38.19 | 36.12 | 36.93 | 51.34 | 74.00 | -22.66 | peak |
| 6 | pp17385.000 | 18.01 | 43.26 | 36.10 | 28.52 | 53.69 | 74.00 | -20.31 | peak |

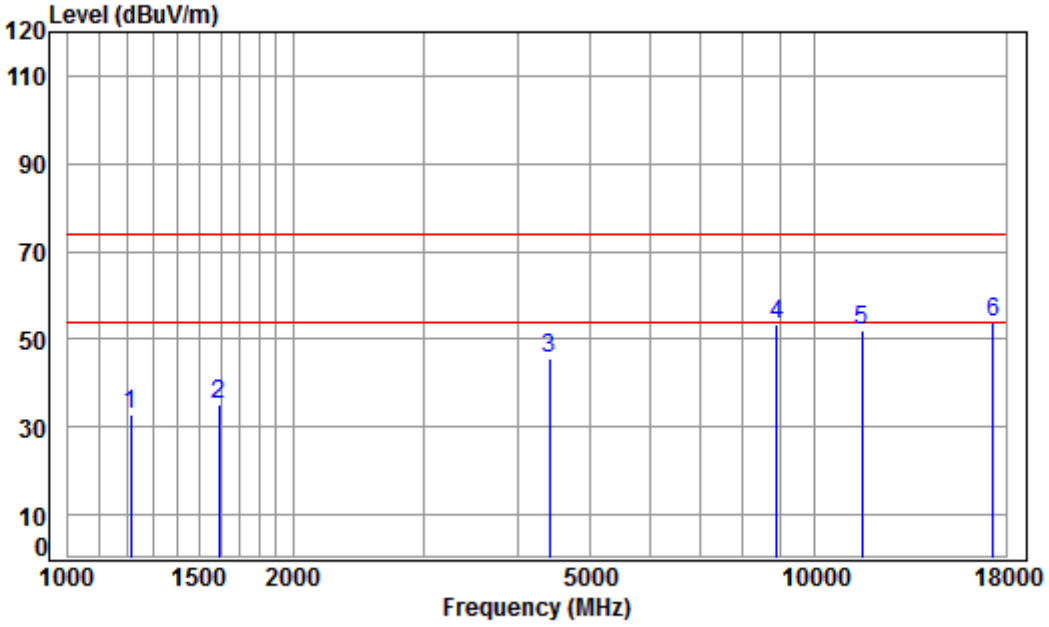
Mode:o; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5795 TX RSE
Note : 5G WIFI 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 | 1138.904 | 3.99 | 24.17 | 38.08 | 42.38 | 32.46 | 74.00 | -41.54 | peak |
| 2 | 1574.265 | 4.56 | 26.14 | 38.03 | 42.29 | 34.96 | 74.00 | -39.04 | peak |
| 3 | 4086.182 | 6.80 | 33.60 | 38.05 | 43.89 | 46.24 | 74.00 | -27.76 | peak |
| 4 | 8969.161 | 10.66 | 36.56 | 35.43 | 40.16 | 51.95 | 74.00 | -22.05 | peak |
| 5 | 11590.000 | 12.34 | 38.19 | 36.12 | 37.68 | 52.09 | 74.00 | -21.91 | peak |
| 6 | pp17385.000 | 18.01 | 43.26 | 36.10 | 28.09 | 53.26 | 74.00 | -20.74 | peak |

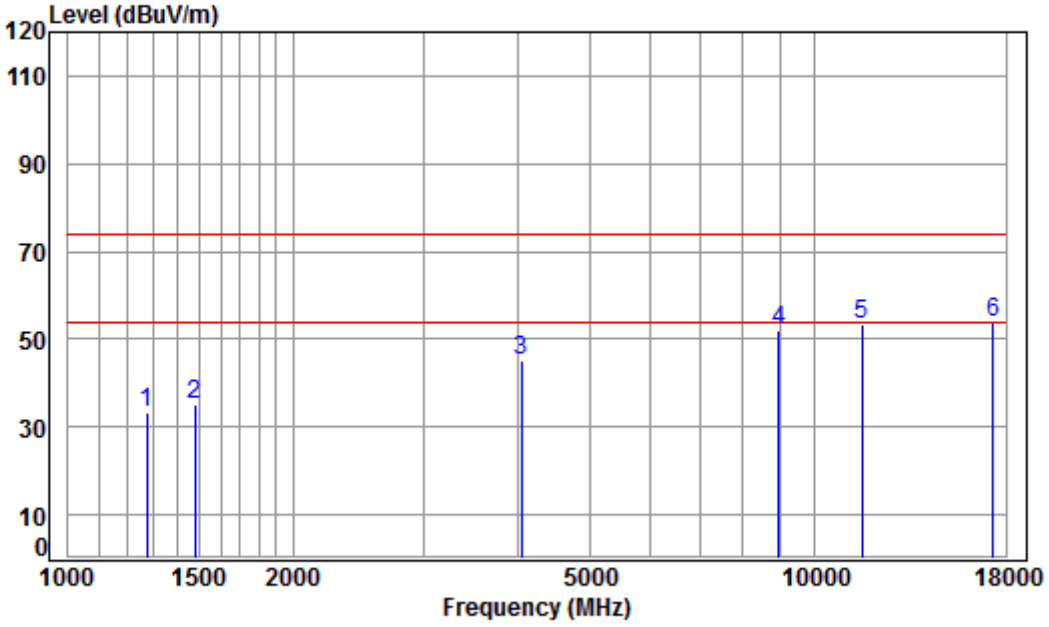
Mode:o; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:80MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5775 TX RSE
Note : 5G WIFI 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 | 1213.677 | 4.10 | 24.55 | 38.07 | 42.40 | 32.98 | 74.00 | -41.02 | peak |
| 2 | 1592.571 | 4.58 | 26.22 | 38.03 | 42.57 | 35.34 | 74.00 | -38.66 | peak |
| 3 | 4405.090 | 7.18 | 33.60 | 38.22 | 43.04 | 45.60 | 74.00 | -28.40 | peak |
| 4 | 8891.725 | 10.60 | 36.47 | 35.50 | 41.96 | 53.53 | 74.00 | -20.47 | peak |
| 5 | 11550.000 | 12.34 | 38.15 | 36.07 | 37.43 | 51.85 | 74.00 | -22.15 | peak |
| 6 | pp17325.000 | 17.84 | 43.19 | 36.13 | 28.73 | 53.63 | 74.00 | -20.37 | peak |

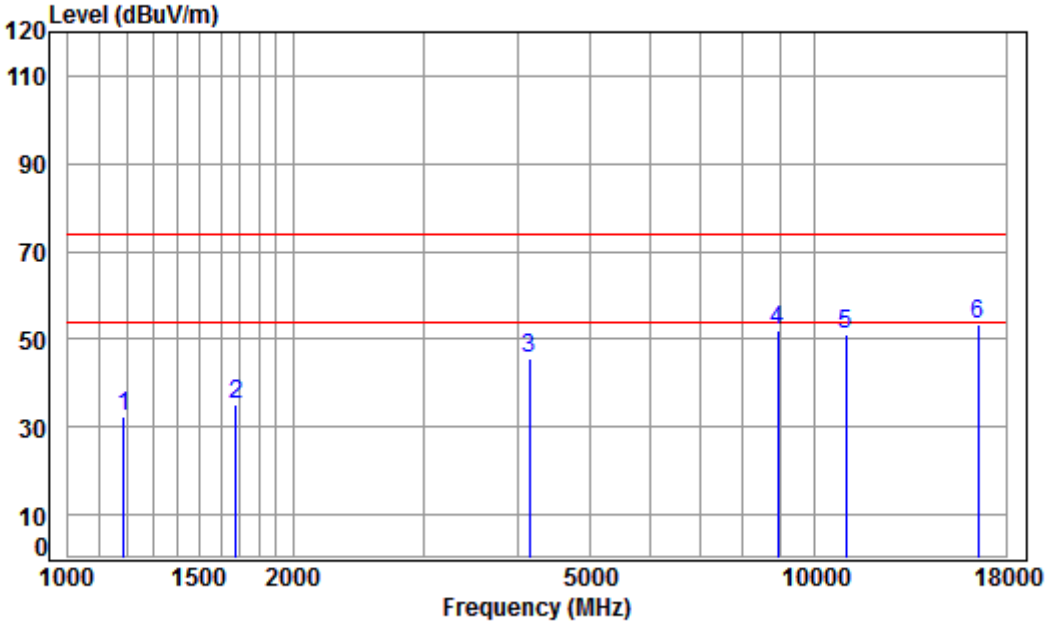
Mode:o; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:80MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5775 TX RSE
Note : 5G WIFI 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 | 1274.802 | 4.19 | 24.84 | 38.06 | 42.18 | 33.15 | 74.00 | -40.85 | peak |
| 2 | 1477.276 | 4.44 | 25.71 | 38.04 | 43.24 | 35.35 | 74.00 | -38.65 | peak |
| 3 | 4039.212 | 6.75 | 33.60 | 38.02 | 42.86 | 45.19 | 74.00 | -28.81 | peak |
| 4 | 8943.274 | 10.64 | 36.53 | 35.45 | 40.30 | 52.02 | 74.00 | -21.98 | peak |
| 5 | 11550.000 | 12.34 | 38.15 | 36.07 | 38.97 | 53.39 | 74.00 | -20.61 | peak |
| 6 | pp17325.000 | 17.84 | 43.19 | 36.13 | 28.77 | 53.67 | 74.00 | -20.33 | peak |

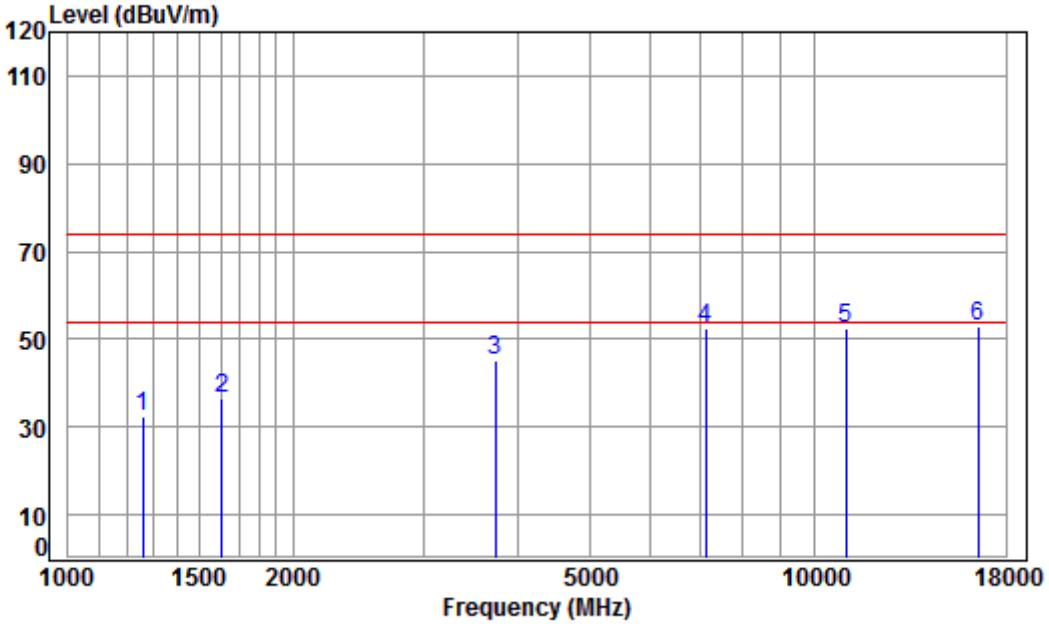
Mode:n; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5500 TX RSE
Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1189.368 | 4.06 | 24.43 | 38.07 | 41.84 | 32.26 | 74.00 | -41.74 | peak |
| 2 | 1677.621 | 4.68 | 26.58 | 38.03 | 41.96 | 35.19 | 74.00 | -38.81 | peak |
| 3 | 4145.664 | 6.88 | 33.60 | 38.08 | 43.11 | 45.51 | 74.00 | -28.49 | peak |
| 4 | 8917.462 | 10.62 | 36.50 | 35.48 | 40.41 | 52.05 | 74.00 | -21.95 | peak |
| 5 | 11000.000 | 12.26 | 37.70 | 35.40 | 36.76 | 51.32 | 74.00 | -22.68 | peak |
| 6 | pp16500.000 | 16.03 | 42.70 | 37.04 | 31.89 | 53.58 | 74.00 | -20.42 | peak |

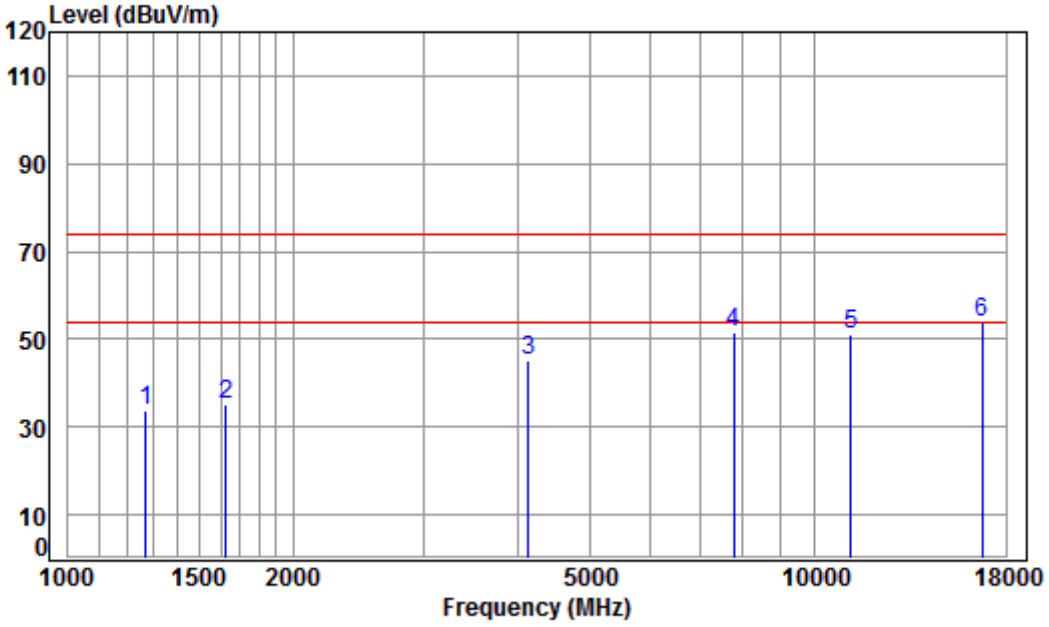
Mode:n; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5500 TX RSE
Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1260.149 | 4.16 | 24.77 | 38.07 | 41.65 | 32.51 | 74.00 | -41.49 | peak |
| 2 | 1606.441 | 4.60 | 26.28 | 38.03 | 43.49 | 36.34 | 74.00 | -37.66 | peak |
| 3 | 3735.978 | 6.50 | 32.88 | 37.98 | 43.98 | 45.38 | 74.00 | -28.62 | peak |
| 4 | 7138.144 | 9.61 | 36.44 | 37.17 | 43.41 | 52.29 | 74.00 | -21.71 | peak |
| 5 | 11000.000 | 12.26 | 37.70 | 35.40 | 37.87 | 52.43 | 74.00 | -21.57 | peak |
| 6 | pp16500.000 | 16.03 | 42.70 | 37.04 | 31.07 | 52.76 | 74.00 | -21.24 | peak |

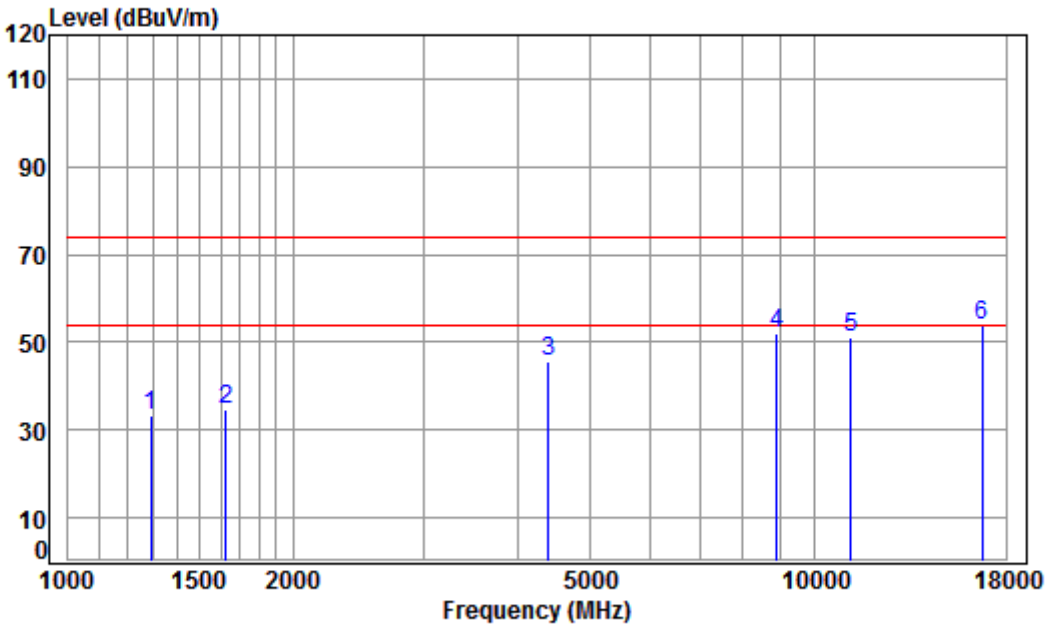
Mode:n; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:middle




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5580 TX RSE
Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1271.123 | 4.18 | 24.82 | 38.07 | 42.77 | 33.70 | 74.00 | -40.30 | peak |
| 2 | 1625.121 | 4.62 | 26.36 | 38.03 | 42.16 | 35.11 | 74.00 | -38.89 | peak |
| 3 | 4133.699 | 6.86 | 33.60 | 38.07 | 42.88 | 45.27 | 74.00 | -28.73 | peak |
| 4 | 7784.729 | 9.96 | 36.47 | 36.58 | 41.74 | 51.59 | 74.00 | -22.41 | peak |
| 5 | 11160.000 | 12.28 | 37.83 | 35.60 | 36.71 | 51.22 | 74.00 | -22.78 | peak |
| 6 | pp16740.000 | 16.48 | 42.75 | 36.68 | 31.08 | 53.63 | 74.00 | -20.37 | peak |

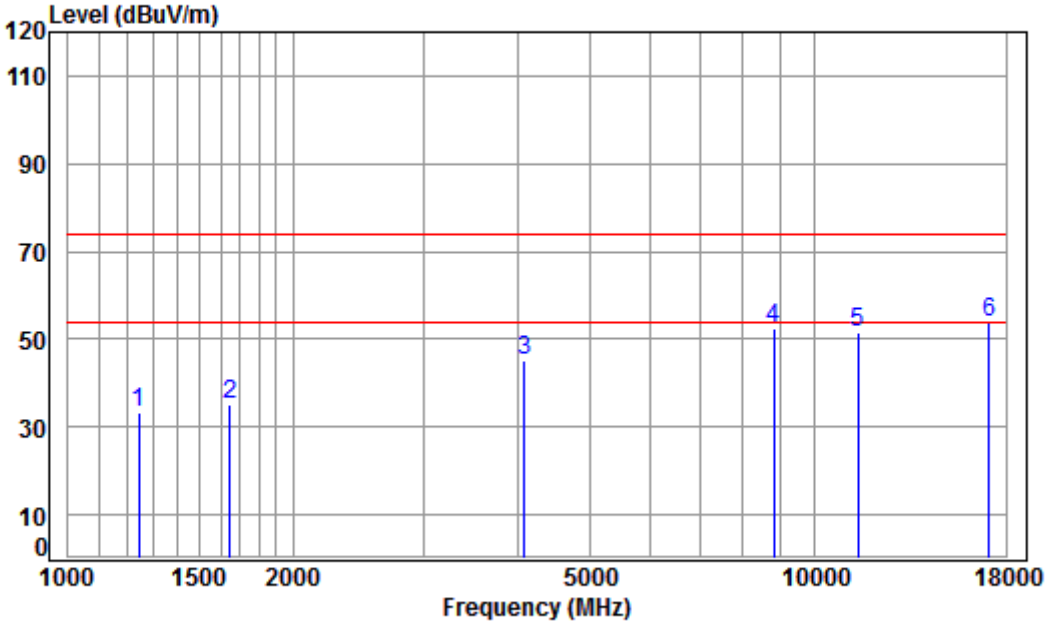
Mode:n; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:middle




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5580 TX RSE
Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1289.627 | 4.21 | 24.91 | 38.06 | 42.13 | 33.19 | 74.00 | -40.81 | peak |
| 2 | 1625.121 | 4.62 | 26.36 | 38.03 | 41.93 | 34.88 | 74.00 | -39.12 | peak |
| 3 | 4392.376 | 7.16 | 33.60 | 38.21 | 42.88 | 45.43 | 74.00 | -28.57 | peak |
| 4 | 8891.725 | 10.60 | 36.47 | 35.50 | 40.52 | 52.09 | 74.00 | -21.91 | peak |
| 5 | 11160.000 | 12.28 | 37.83 | 35.60 | 36.41 | 50.92 | 74.00 | -23.08 | peak |
| 6 | pp16740.000 | 16.48 | 42.75 | 36.68 | 31.41 | 53.96 | 74.00 | -20.04 | peak |

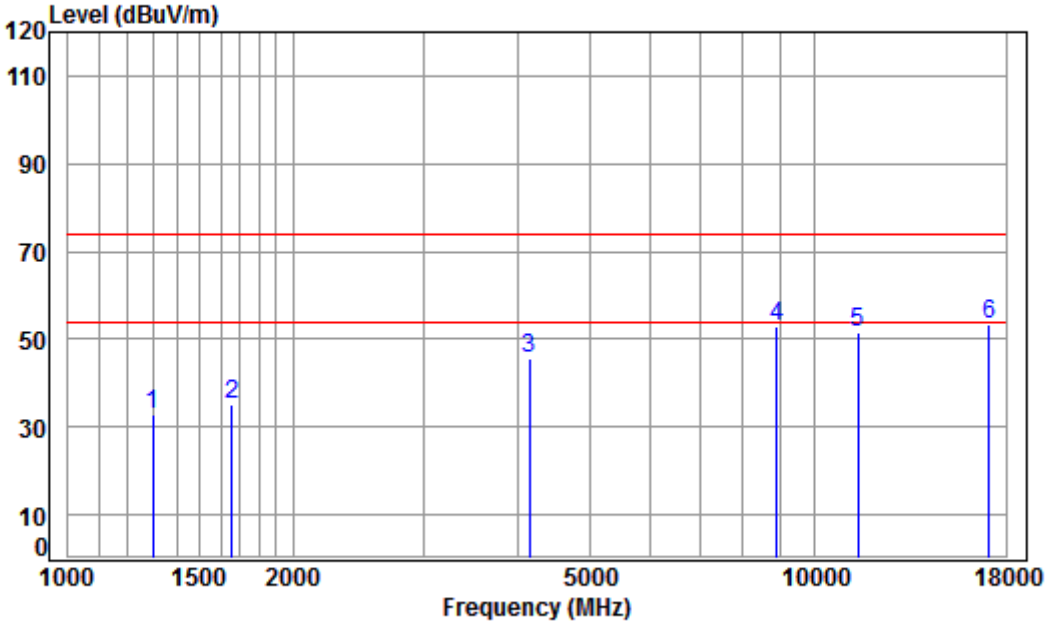
Mode:n; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5700 TX RSE
Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1245.663 | 4.14 | 24.70 | 38.07 | 42.73 | 33.50 | 74.00 | -40.50 | peak |
| 2 | 1648.778 | 4.65 | 26.46 | 38.03 | 41.84 | 34.92 | 74.00 | -39.08 | peak |
| 3 | 4086.182 | 6.80 | 33.60 | 38.05 | 43.03 | 45.38 | 74.00 | -28.62 | peak |
| 4 | 8814.957 | 10.55 | 36.38 | 35.58 | 41.04 | 52.39 | 74.00 | -21.61 | peak |
| 5 | 11400.000 | 12.32 | 38.02 | 35.89 | 37.19 | 51.64 | 74.00 | -22.36 | peak |
| 6 | pp17100.000 | 17.23 | 42.92 | 36.25 | 29.77 | 53.67 | 74.00 | -20.33 | peak |

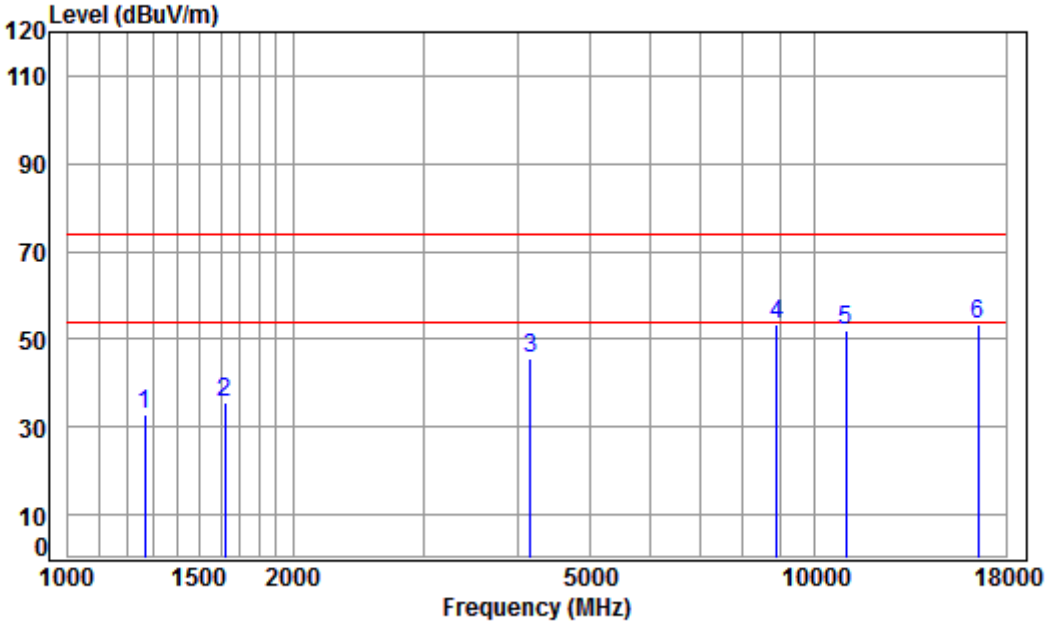
Mode:n; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5700 TX RSE
Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1300.858 | 4.22 | 24.96 | 38.06 | 41.77 | 32.89 | 74.00 | -41.11 | peak |
| 2 | 1658.337 | 4.66 | 26.50 | 38.03 | 42.19 | 35.32 | 74.00 | -38.68 | peak |
| 3 | 4145.664 | 6.88 | 33.60 | 38.08 | 43.22 | 45.62 | 74.00 | -28.38 | peak |
| 4 | 8891.725 | 10.60 | 36.47 | 35.50 | 41.16 | 52.73 | 74.00 | -21.27 | peak |
| 5 | 11400.000 | 12.32 | 38.02 | 35.89 | 37.27 | 51.72 | 74.00 | -22.28 | peak |
| 6 | pp17100.000 | 17.23 | 42.92 | 36.25 | 29.40 | 53.30 | 74.00 | -20.70 | peak |

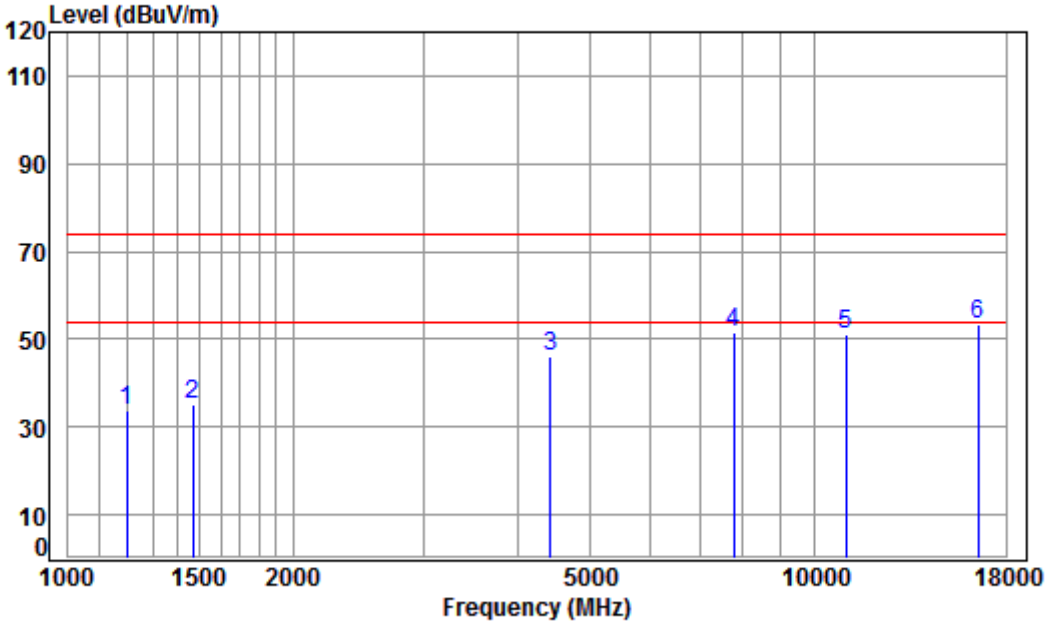
Mode:n; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5500 TX RSE
Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1267.454 | 4.18 | 24.80 | 38.07 | 42.10 | 33.01 | 74.00 | -40.99 | peak |
| 2 | 1620.431 | 4.61 | 26.34 | 38.03 | 42.47 | 35.39 | 74.00 | -38.61 | peak |
| 3 | 4157.664 | 6.89 | 33.60 | 38.09 | 43.36 | 45.76 | 74.00 | -28.24 | peak |
| 4 | 8891.725 | 10.60 | 36.47 | 35.50 | 41.80 | 53.37 | 74.00 | -20.63 | peak |
| 5 | 11000.000 | 12.26 | 37.70 | 35.40 | 37.37 | 51.93 | 74.00 | -22.07 | peak |
| 6 | pp16500.000 | 16.03 | 42.70 | 37.04 | 31.76 | 53.45 | 74.00 | -20.55 | peak |

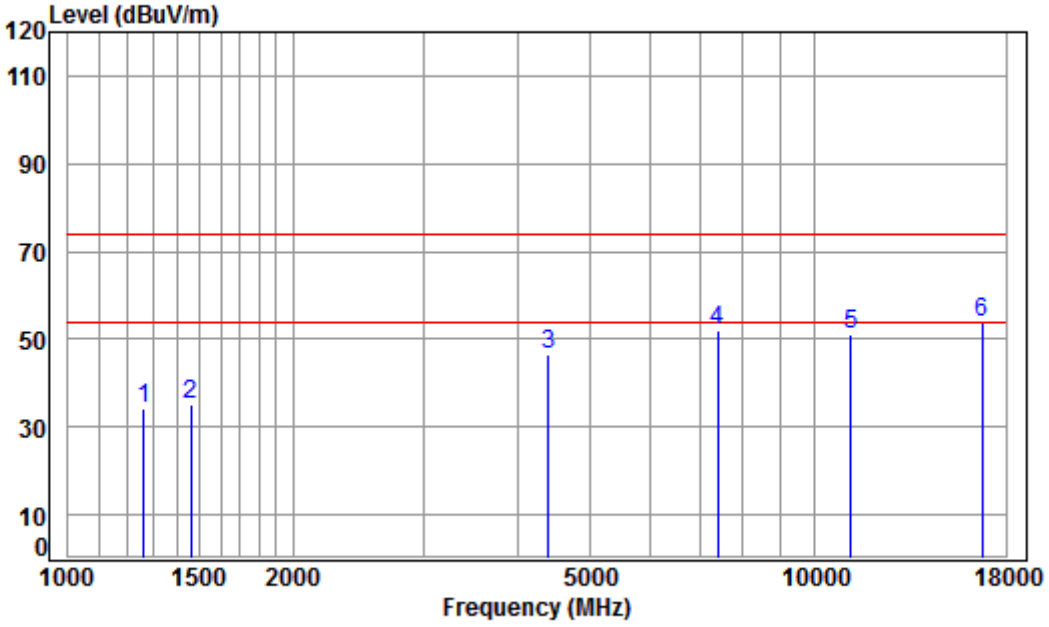
Mode:n; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5500 TX RSE
Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1199.726 | 4.08 | 24.48 | 38.07 | 43.15 | 33.64 | 74.00 | -40.36 | peak |
| 2 | 1468.761 | 4.43 | 25.68 | 38.04 | 42.91 | 34.98 | 74.00 | -39.02 | peak |
| 3 | 4417.841 | 7.19 | 33.60 | 38.22 | 43.47 | 46.04 | 74.00 | -27.96 | peak |
| 4 | 7784.729 | 9.96 | 36.47 | 36.58 | 41.56 | 51.41 | 74.00 | -22.59 | peak |
| 5 | 11000.000 | 12.26 | 37.70 | 35.40 | 36.49 | 51.05 | 74.00 | -22.95 | peak |
| 6 | pp16500.000 | 16.03 | 42.70 | 37.04 | 31.50 | 53.19 | 74.00 | -20.81 | peak |

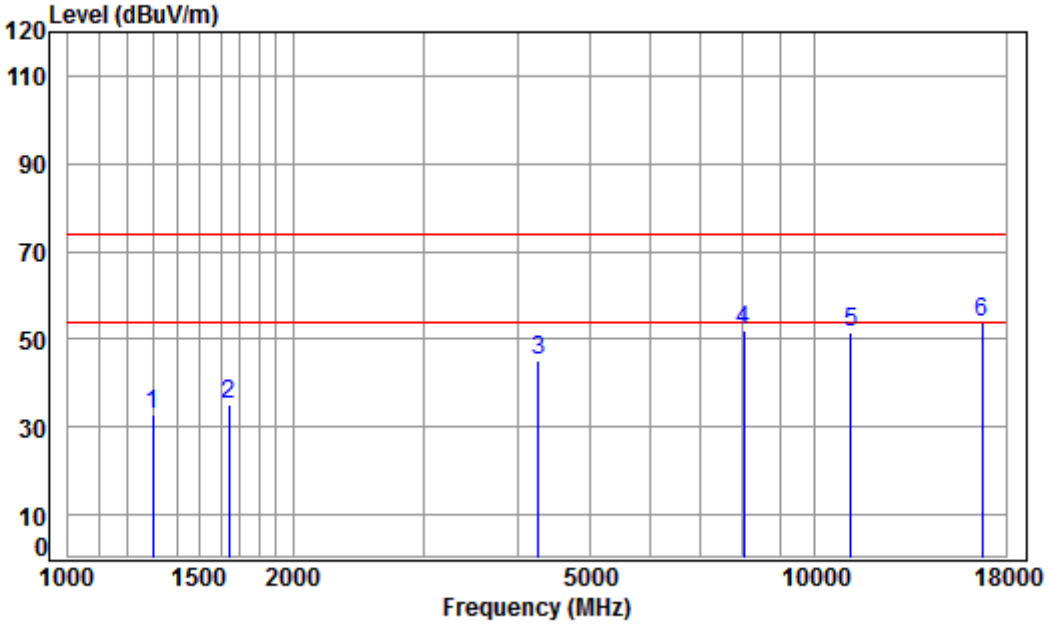
Mode:n; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:middle




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5580 TX RSE
Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1263.796 | 4.17 | 24.79 | 38.07 | 43.24 | 34.13 | 74.00 | -39.87 | peak |
| 2 | 1460.295 | 4.42 | 25.64 | 38.05 | 43.29 | 35.30 | 74.00 | -38.70 | peak |
| 3 | 4392.376 | 7.16 | 33.60 | 38.21 | 43.98 | 46.53 | 74.00 | -27.47 | peak |
| 4 | 7411.461 | 9.79 | 36.33 | 36.92 | 42.74 | 51.94 | 74.00 | -22.06 | peak |
| 5 | 11160.000 | 12.28 | 37.83 | 35.60 | 36.74 | 51.25 | 74.00 | -22.75 | peak |
| 6 | pp16740.000 | 16.48 | 42.75 | 36.68 | 31.14 | 53.69 | 74.00 | -20.31 | peak |

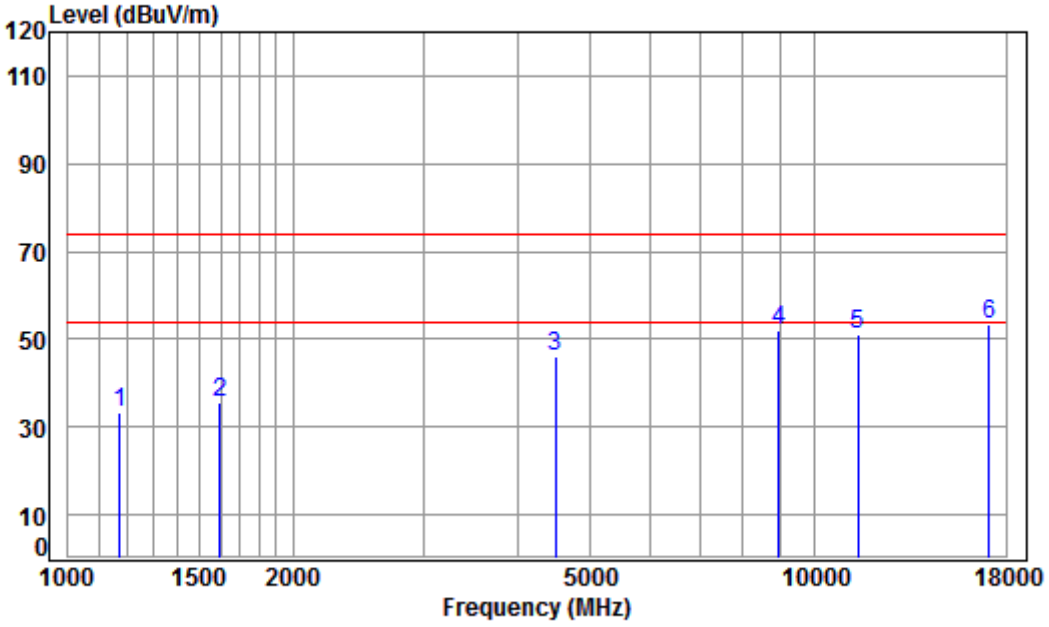
Mode:n; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:middle




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5580 TX RSE
Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1300.858 | 4.22 | 24.96 | 38.06 | 41.79 | 32.91 | 74.00 | -41.09 | peak |
| 2 | 1644.019 | 4.64 | 26.44 | 38.03 | 42.27 | 35.32 | 74.00 | -38.68 | peak |
| 3 | 4267.237 | 7.02 | 33.60 | 38.14 | 42.81 | 45.29 | 74.00 | -28.71 | peak |
| 4 | 8036.214 | 10.06 | 36.56 | 36.36 | 41.60 | 51.86 | 74.00 | -22.14 | peak |
| 5 | 11160.000 | 12.28 | 37.83 | 35.60 | 37.22 | 51.73 | 74.00 | -22.27 | peak |
| 6 | pp16740.000 | 16.48 | 42.75 | 36.68 | 31.36 | 53.91 | 74.00 | -20.09 | peak |

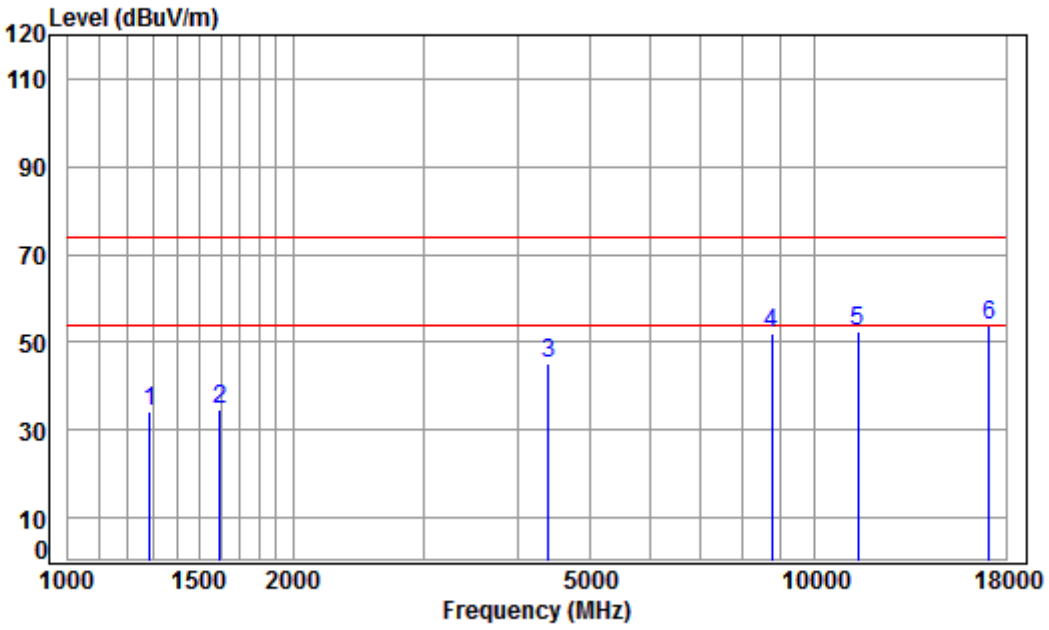
Mode:n; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5700 TX RSE
Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1172.303 | 4.04 | 24.34 | 38.08 | 43.11 | 33.41 | 74.00 | -40.59 | peak |
| 2 | 1597.181 | 4.59 | 26.24 | 38.03 | 42.92 | 35.72 | 74.00 | -38.28 | peak |
| 3 | 4495.125 | 7.27 | 33.60 | 38.26 | 43.28 | 45.89 | 74.00 | -28.11 | peak |
| 4 | 8943.274 | 10.64 | 36.53 | 35.45 | 40.52 | 52.24 | 74.00 | -21.76 | peak |
| 5 | 11400.000 | 12.32 | 38.02 | 35.89 | 36.70 | 51.15 | 74.00 | -22.85 | peak |
| 6 | pp17100.000 | 17.23 | 42.92 | 36.25 | 29.55 | 53.45 | 74.00 | -20.55 | peak |

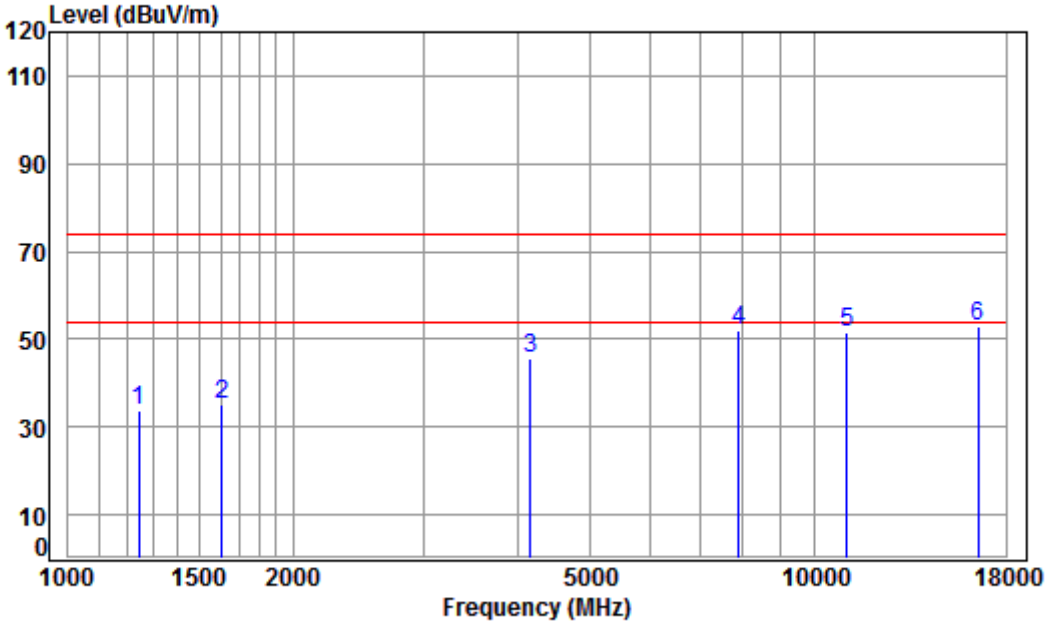
Mode:n; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5700 TX RSE
Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1285.904 | 4.20 | 24.89 | 38.06 | 43.21 | 34.24 | 74.00 | -39.76 | peak |
| 2 | 1597.181 | 4.59 | 26.24 | 38.03 | 41.86 | 34.66 | 74.00 | -39.34 | peak |
| 3 | 4392.376 | 7.16 | 33.60 | 38.21 | 42.61 | 45.16 | 74.00 | -28.84 | peak |
| 4 | 8738.852 | 10.49 | 36.29 | 35.65 | 40.82 | 51.95 | 74.00 | -22.05 | peak |
| 5 | 11400.000 | 12.32 | 38.02 | 35.89 | 37.84 | 52.29 | 74.00 | -21.71 | peak |
| 6 | pp17100.000 | 17.23 | 42.92 | 36.25 | 29.86 | 53.76 | 74.00 | -20.24 | peak |

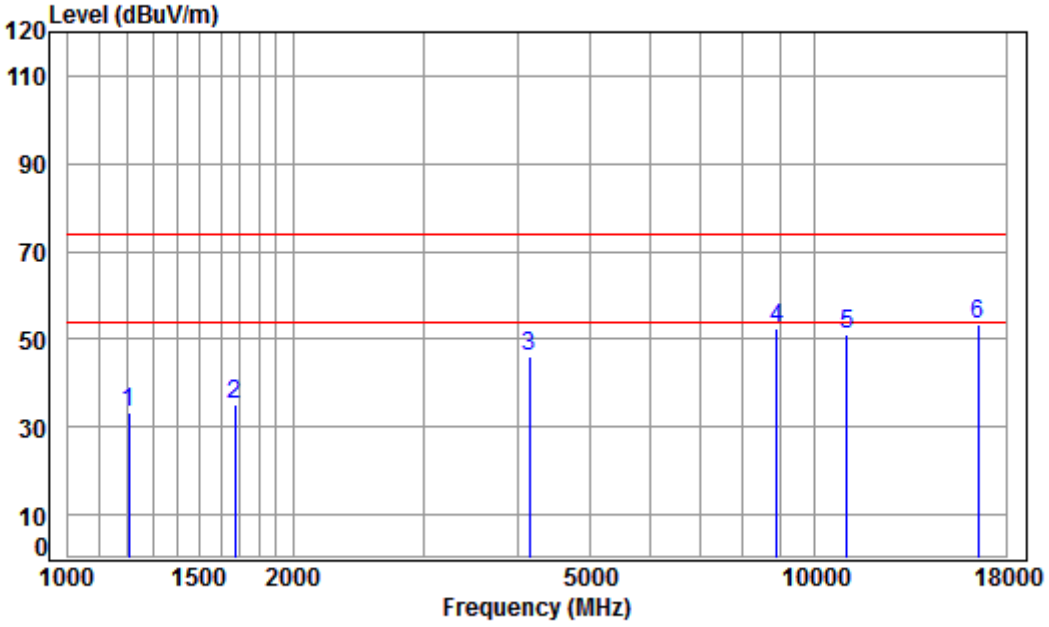
Mode:n; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5510 TX RSE
Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1245.663 | 4.14 | 24.70 | 38.07 | 42.96 | 33.73 | 74.00 | -40.27 | peak |
| 2 | 1606.441 | 4.60 | 26.28 | 38.03 | 42.49 | 35.34 | 74.00 | -38.66 | peak |
| 3 | 4157.664 | 6.89 | 33.60 | 38.09 | 43.38 | 45.78 | 74.00 | -28.22 | peak |
| 4 | 7898.049 | 10.00 | 36.54 | 36.49 | 41.98 | 52.03 | 74.00 | -21.97 | peak |
| 5 | 11020.000 | 12.26 | 37.72 | 35.43 | 37.05 | 51.60 | 74.00 | -22.40 | peak |
| 6 | pp16530.000 | 16.09 | 42.71 | 36.99 | 31.34 | 53.15 | 74.00 | -20.85 | peak |

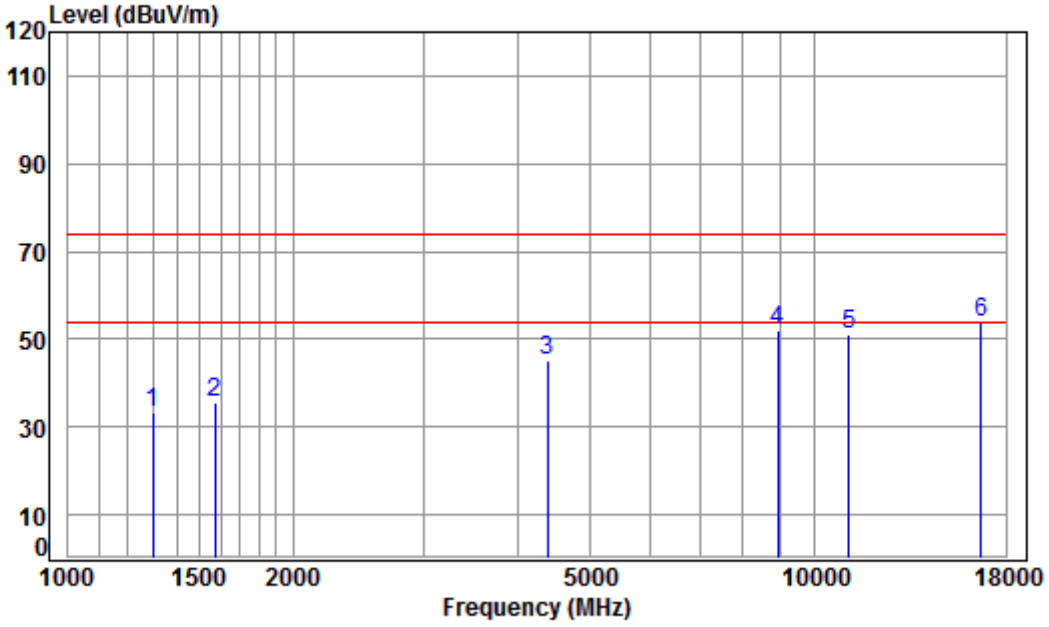
Mode:n; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5510 TX RSE
Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1206.682 | 4.09 | 24.51 | 38.07 | 42.66 | 33.19 | 74.00 | -40.81 | peak |
| 2 | 1672.779 | 4.67 | 26.56 | 38.03 | 41.99 | 35.19 | 74.00 | -38.81 | peak |
| 3 | 4145.664 | 6.88 | 33.60 | 38.08 | 43.46 | 45.86 | 74.00 | -28.14 | peak |
| 4 | 8891.725 | 10.60 | 36.47 | 35.50 | 40.85 | 52.42 | 74.00 | -21.58 | peak |
| 5 | 11020.000 | 12.26 | 37.72 | 35.43 | 36.59 | 51.14 | 74.00 | -22.86 | peak |
| 6 | pp16530.000 | 16.09 | 42.71 | 36.99 | 31.46 | 53.27 | 74.00 | -20.73 | peak |

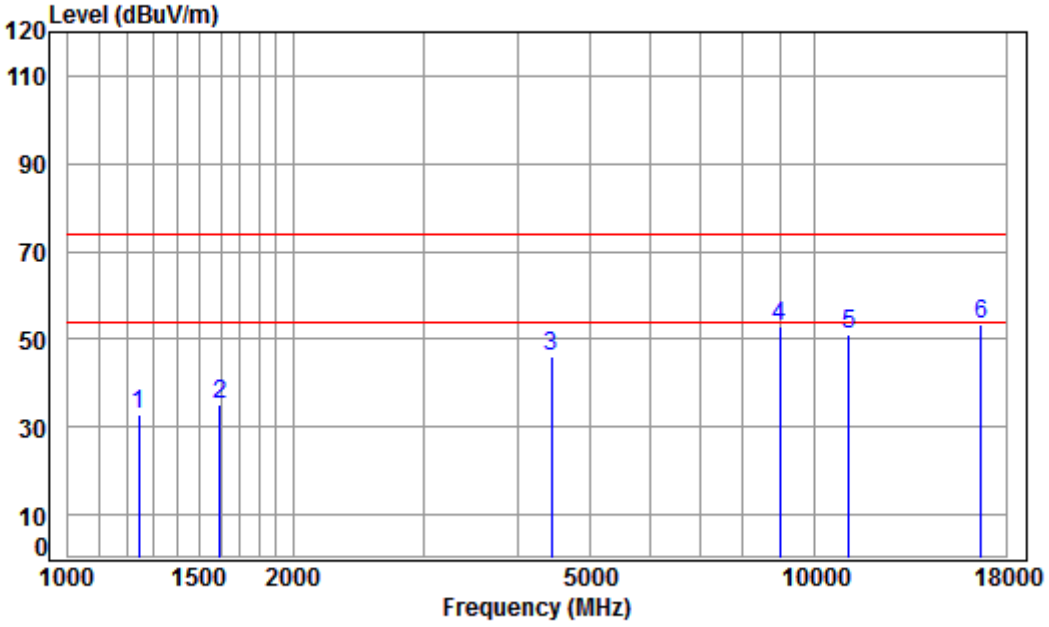
Mode:n; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:middle




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5550 TX RSE
Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1297.103 | 4.22 | 24.94 | 38.06 | 42.32 | 33.42 | 74.00 | -40.58 | peak |
| 2 | 1574.265 | 4.56 | 26.14 | 38.03 | 42.74 | 35.41 | 74.00 | -38.59 | peak |
| 3 | 4379.699 | 7.15 | 33.60 | 38.20 | 42.53 | 45.08 | 74.00 | -28.92 | peak |
| 4 | 8917.462 | 10.62 | 36.50 | 35.48 | 40.52 | 52.16 | 74.00 | -21.84 | peak |
| 5 | 11100.000 | 12.27 | 37.78 | 35.52 | 36.58 | 51.11 | 74.00 | -22.89 | peak |
| 6 | pp16650.000 | 16.31 | 42.73 | 36.81 | 31.40 | 53.63 | 74.00 | -20.37 | peak |

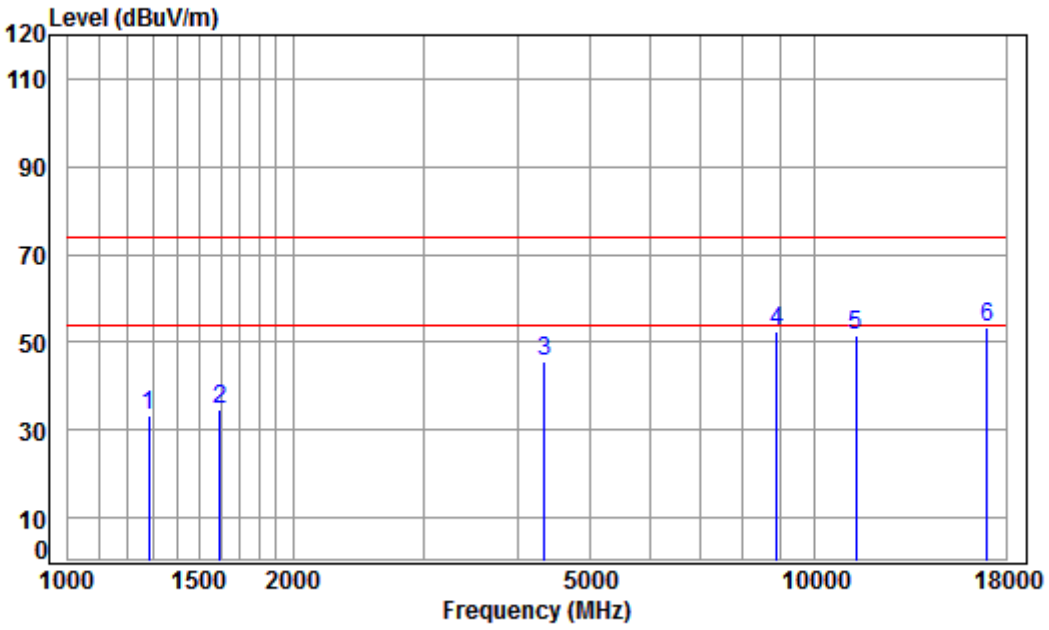
Mode:n; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:middle




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5550 TX RSE
Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1245.663 | 4.14 | 24.70 | 38.07 | 42.06 | 32.83 | 74.00 | -41.17 | peak |
| 2 | 1597.181 | 4.59 | 26.24 | 38.03 | 42.34 | 35.14 | 74.00 | -38.86 | peak |
| 3 | 4443.453 | 7.22 | 33.60 | 38.24 | 43.61 | 46.19 | 74.00 | -27.81 | peak |
| 4 | 8969.161 | 10.66 | 36.56 | 35.43 | 40.94 | 52.73 | 74.00 | -21.27 | peak |
| 5 | 11100.000 | 12.27 | 37.78 | 35.52 | 36.71 | 51.24 | 74.00 | -22.76 | peak |
| 6 | pp16650.000 | 16.31 | 42.73 | 36.81 | 30.96 | 53.19 | 74.00 | -20.81 | peak |

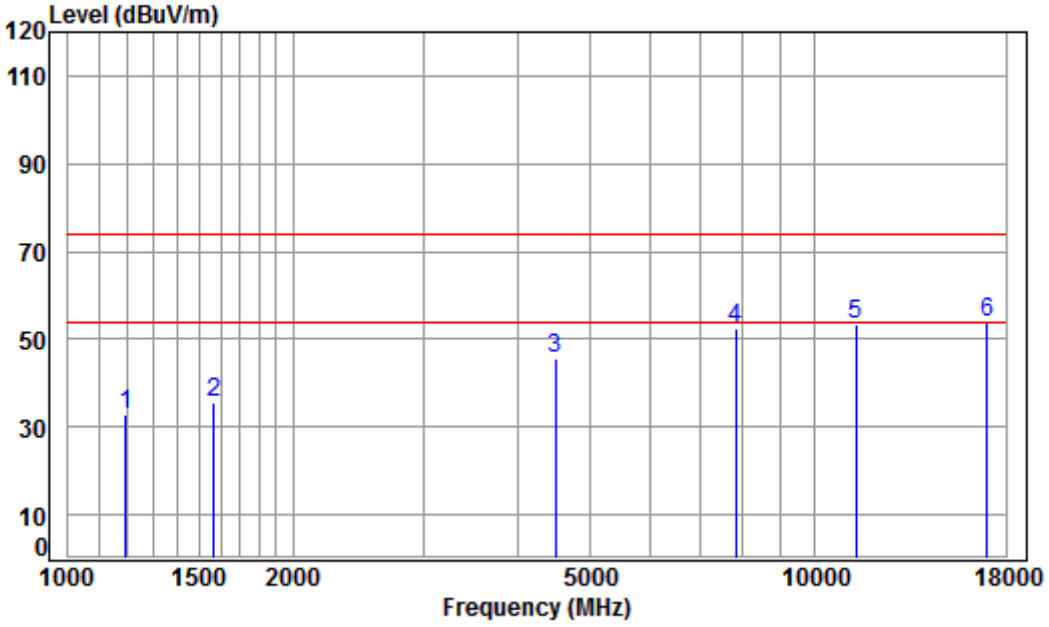
Mode:n; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5670 TX RSE
Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1282.193 | 4.20 | 24.87 | 38.06 | 42.51 | 33.52 | 74.00 | -40.48 | peak |
| 2 | 1597.181 | 4.59 | 26.24 | 38.03 | 41.74 | 34.54 | 74.00 | -39.46 | peak |
| 3 | 4341.886 | 7.10 | 33.60 | 38.18 | 43.25 | 45.77 | 74.00 | -28.23 | peak |
| 4 | 8891.725 | 10.60 | 36.47 | 35.50 | 40.70 | 52.27 | 74.00 | -21.73 | peak |
| 5 | 11340.000 | 12.31 | 37.97 | 35.82 | 37.27 | 51.73 | 74.00 | -22.27 | peak |
| 6 | pp17010.000 | 16.99 | 42.81 | 36.29 | 29.70 | 53.21 | 74.00 | -20.79 | peak |

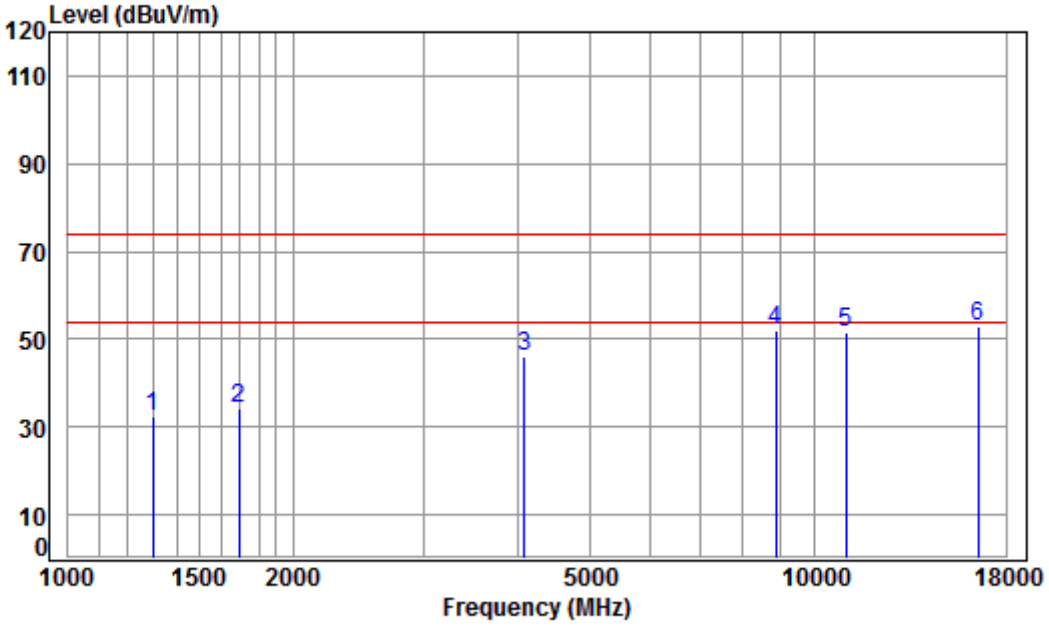
Mode:n; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5670 TX RSE
Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1196.264 | 4.07 | 24.46 | 38.07 | 42.38 | 32.84 | 74.00 | -41.16 | peak |
| 2 | 1569.721 | 4.56 | 26.12 | 38.03 | 43.02 | 35.67 | 74.00 | -38.33 | peak |
| 3 | 4495.125 | 7.27 | 33.60 | 38.26 | 43.19 | 45.80 | 74.00 | -28.20 | peak |
| 4 | 7829.860 | 9.98 | 36.50 | 36.54 | 42.44 | 52.38 | 74.00 | -21.62 | peak |
| 5 | 11340.000 | 12.31 | 37.97 | 35.82 | 39.07 | 53.53 | 74.00 | -20.47 | peak |
| 6 | pp17010.000 | 16.99 | 42.81 | 36.29 | 30.25 | 53.76 | 74.00 | -20.24 | peak |

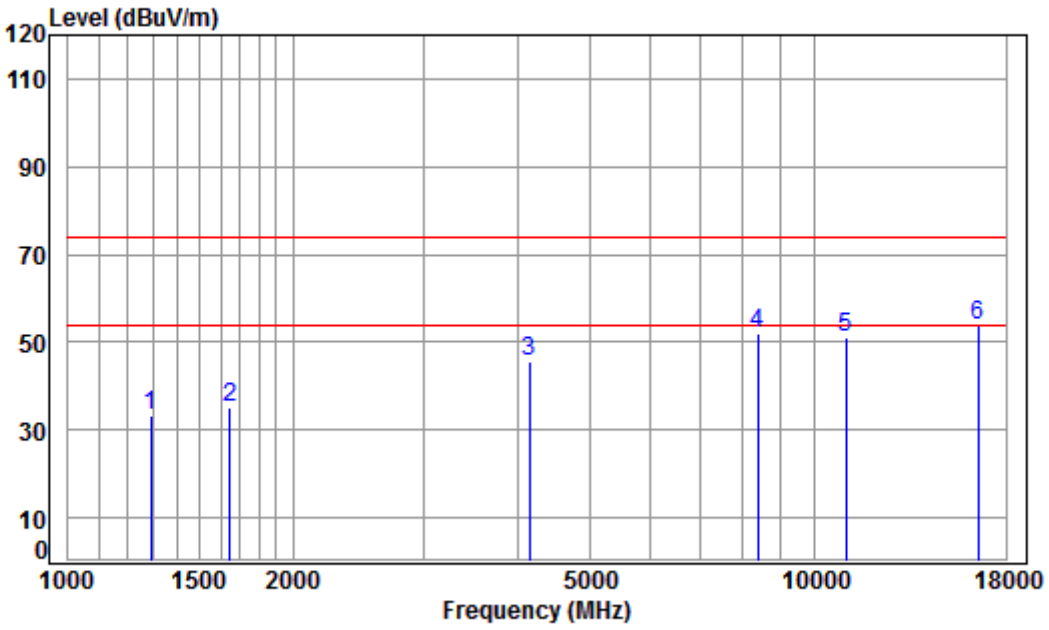
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5500 TX RSE
Note : 5G WIFI 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 | 1300.858 | 4.22 | 24.96 | 38.06 | 41.32 | 32.44 | 74.00 | -41.56 | peak |
| 2 | 1692.231 | 4.70 | 26.64 | 38.02 | 41.06 | 34.38 | 74.00 | -39.62 | peak |
| 3 | 4086.182 | 6.80 | 33.60 | 38.05 | 43.89 | 46.24 | 74.00 | -27.76 | peak |
| 4 | 8866.062 | 10.58 | 36.44 | 35.53 | 40.57 | 52.06 | 74.00 | -21.94 | peak |
| 5 | 11000.000 | 12.26 | 37.70 | 35.40 | 37.01 | 51.57 | 74.00 | -22.43 | peak |
| 6 | pp16500.000 | 16.03 | 42.70 | 37.04 | 31.43 | 53.12 | 74.00 | -20.88 | peak |

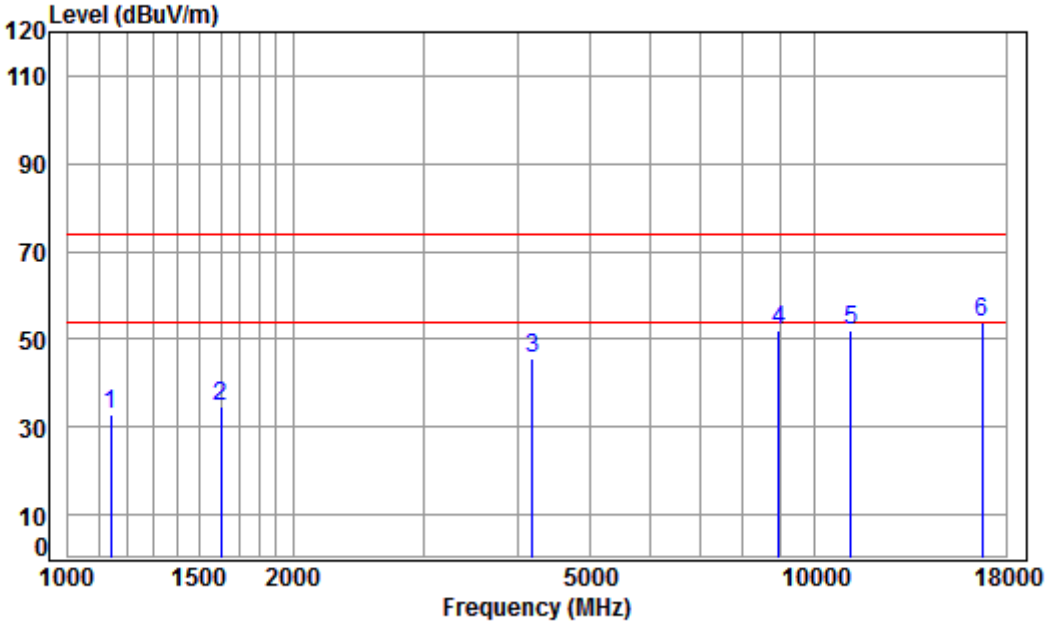
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5500 TX RSE
Note : 5G WIFI 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 | 1289.627 | 4.21 | 24.91 | 38.06 | 42.26 | 33.32 | 74.00 | -40.68 | peak |
| 2 | 1648.778 | 4.65 | 26.46 | 38.03 | 42.07 | 35.15 | 74.00 | -38.85 | peak |
| 3 | 4145.664 | 6.88 | 33.60 | 38.08 | 43.32 | 45.72 | 74.00 | -28.28 | peak |
| 4 | 8368.069 | 10.24 | 36.15 | 36.02 | 41.85 | 52.22 | 74.00 | -21.78 | peak |
| 5 | 11000.000 | 12.26 | 37.70 | 35.40 | 36.57 | 51.13 | 74.00 | -22.87 | peak |
| 6 | pp16500.000 | 16.03 | 42.70 | 37.04 | 32.02 | 53.71 | 74.00 | -20.29 | peak |

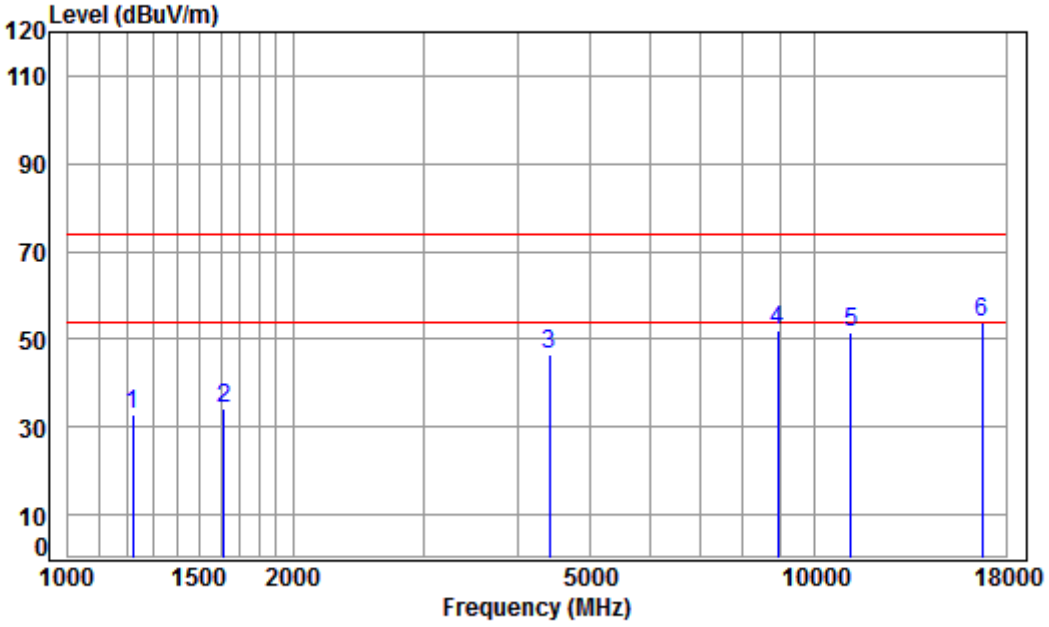
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:middle




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5580 TX RSE
Note : 5G WIFI 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 | 1142.201 | 3.99 | 24.19 | 38.08 | 42.55 | 32.65 | 74.00 | -41.35 | peak |
| 2 | 1601.804 | 4.59 | 26.26 | 38.03 | 41.66 | 34.48 | 74.00 | -39.52 | peak |
| 3 | 4181.768 | 6.92 | 33.60 | 38.10 | 42.98 | 45.40 | 74.00 | -28.60 | peak |
| 4 | 8943.274 | 10.64 | 36.53 | 35.45 | 40.44 | 52.16 | 74.00 | -21.84 | peak |
| 5 | 11160.000 | 12.28 | 37.83 | 35.60 | 37.52 | 52.03 | 74.00 | -21.97 | peak |
| 6 | pp16740.000 | 16.48 | 42.75 | 36.68 | 31.32 | 53.87 | 74.00 | -20.13 | peak |

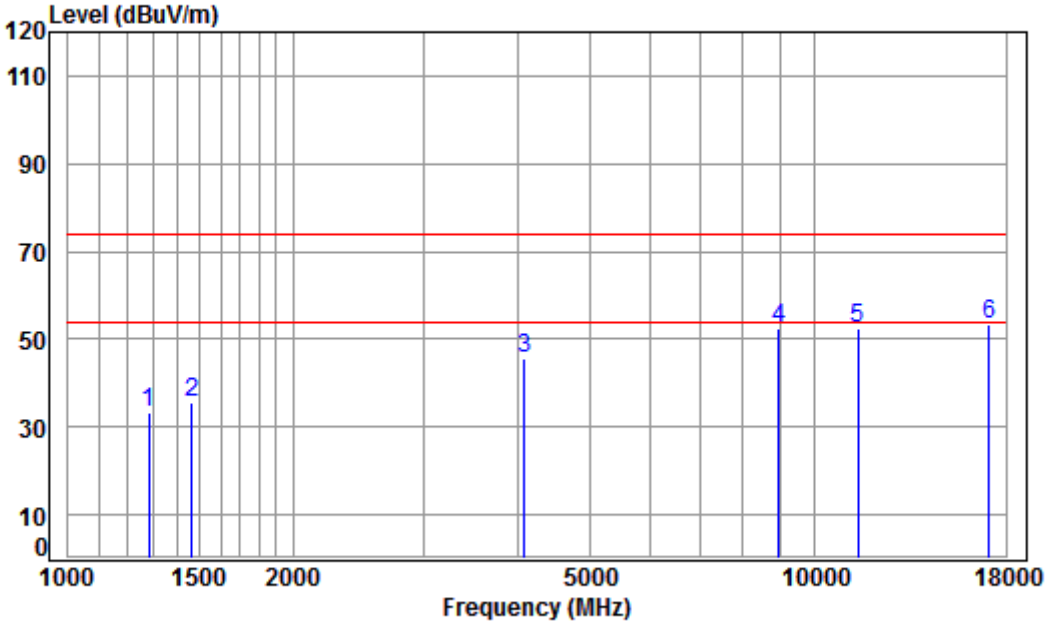
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:middle




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5580 TX RSE
Note : 5G WIFI 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 | 1220.714 | 4.11 | 24.58 | 38.07 | 42.17 | 32.79 | 74.00 | -41.21 | peak |
| 2 | 1615.754 | 4.61 | 26.32 | 38.03 | 41.45 | 34.35 | 74.00 | -39.65 | peak |
| 3 | 4405.090 | 7.18 | 33.60 | 38.22 | 43.96 | 46.52 | 74.00 | -27.48 | peak |
| 4 | 8917.462 | 10.62 | 36.50 | 35.48 | 40.26 | 51.90 | 74.00 | -22.10 | peak |
| 5 | 11160.000 | 12.28 | 37.83 | 35.60 | 37.17 | 51.68 | 74.00 | -22.32 | peak |
| 6 | pp16740.000 | 16.48 | 42.75 | 36.68 | 31.24 | 53.79 | 74.00 | -20.21 | peak |

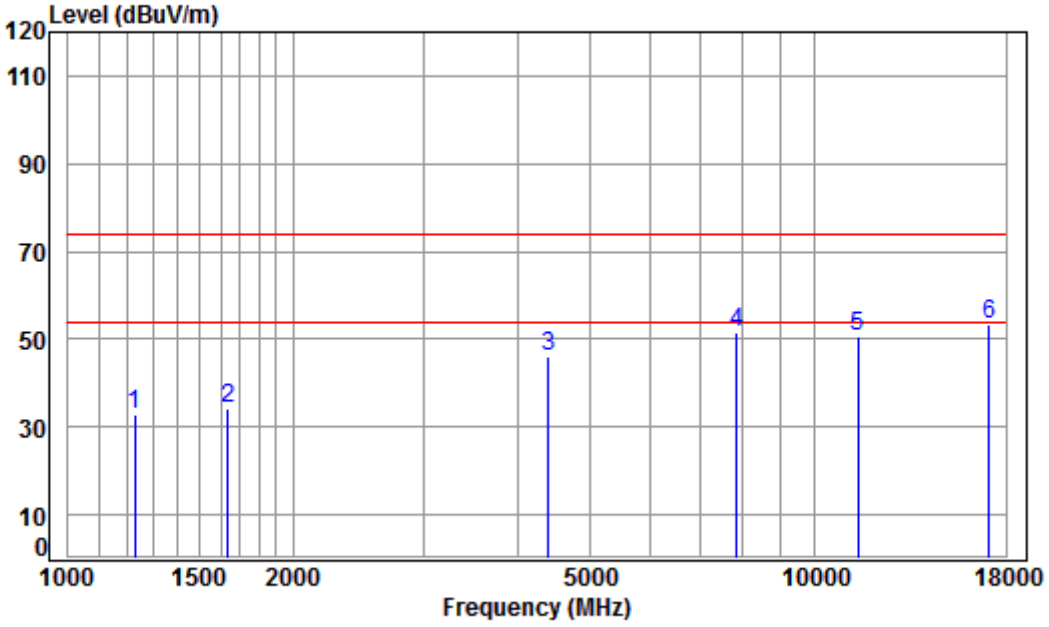
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5700 TX RSE
Note : 5G WIFI 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 | 1282.193 | 4.20 | 24.87 | 38.06 | 42.44 | 33.45 | 74.00 | -40.55 | peak |
| 2 | 1464.522 | 4.43 | 25.66 | 38.04 | 43.60 | 35.65 | 74.00 | -38.35 | peak |
| 3 | 4086.182 | 6.80 | 33.60 | 38.05 | 43.27 | 45.62 | 74.00 | -28.38 | peak |
| 4 | 8943.274 | 10.64 | 36.53 | 35.45 | 40.55 | 52.27 | 74.00 | -21.73 | peak |
| 5 | 11400.000 | 12.32 | 38.02 | 35.89 | 38.09 | 52.54 | 74.00 | -21.46 | peak |
| 6 | pp17100.000 | 17.23 | 42.92 | 36.25 | 29.36 | 53.26 | 74.00 | -20.74 | peak |

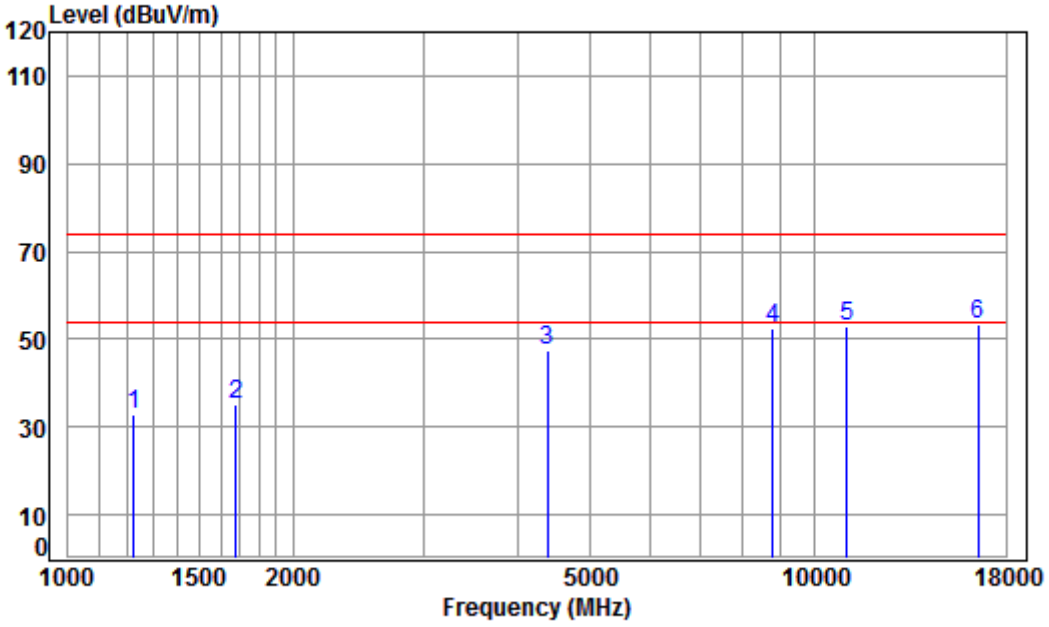
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5700 TX RSE
Note : 5G WIFI 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 | 1227.791 | 4.12 | 24.61 | 38.07 | 42.37 | 33.03 | 74.00 | -40.97 | peak |
| 2 | 1639.274 | 4.64 | 26.42 | 38.03 | 41.41 | 34.44 | 74.00 | -39.56 | peak |
| 3 | 4392.376 | 7.16 | 33.60 | 38.21 | 43.70 | 46.25 | 74.00 | -27.75 | peak |
| 4 | 7852.524 | 9.99 | 36.51 | 36.53 | 41.55 | 51.52 | 74.00 | -22.48 | peak |
| 5 | 11400.000 | 12.32 | 38.02 | 35.89 | 36.33 | 50.78 | 74.00 | -23.22 | peak |
| 6 | pp17100.000 | 17.23 | 42.92 | 36.25 | 29.49 | 53.39 | 74.00 | -20.61 | peak |

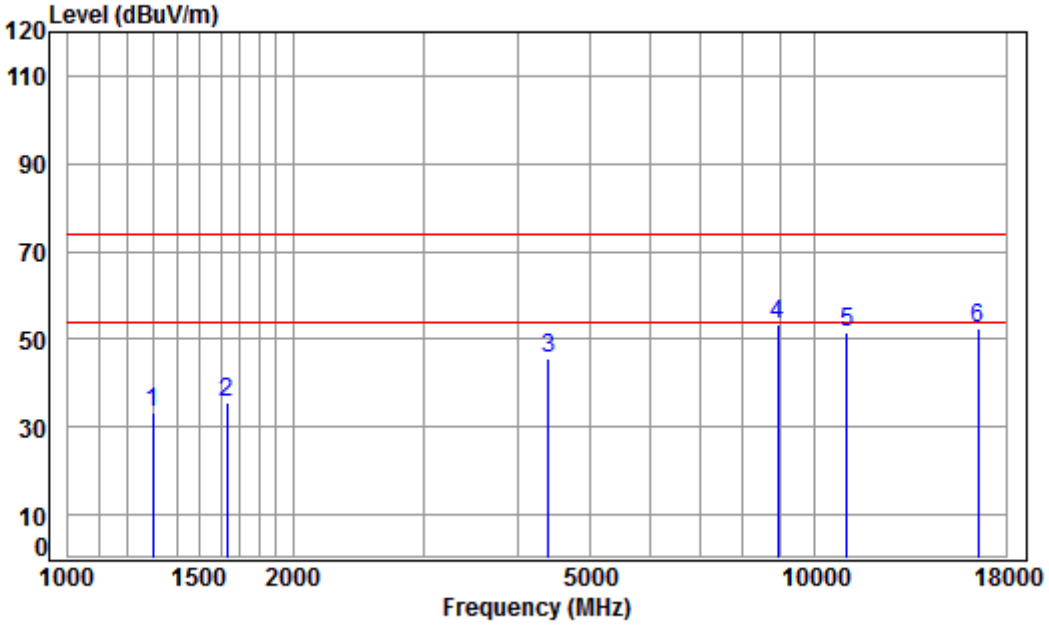
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5510 TX RSE
Note : 5G WIFI 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 | 1224.247 | 4.11 | 24.60 | 38.07 | 42.36 | 33.00 | 74.00 | -41.00 | peak |
| 2 | 1677.621 | 4.68 | 26.58 | 38.03 | 41.74 | 34.97 | 74.00 | -39.03 | peak |
| 3 | 4379.699 | 7.15 | 33.60 | 38.20 | 44.76 | 47.31 | 74.00 | -26.69 | peak |
| 4 | 8764.146 | 10.51 | 36.32 | 35.63 | 41.15 | 52.35 | 74.00 | -21.65 | peak |
| 5 | 11020.000 | 12.26 | 37.72 | 35.43 | 38.48 | 53.03 | 74.00 | -20.97 | peak |
| 6 | pp16530.000 | 16.09 | 42.71 | 36.99 | 31.44 | 53.25 | 74.00 | -20.75 | peak |

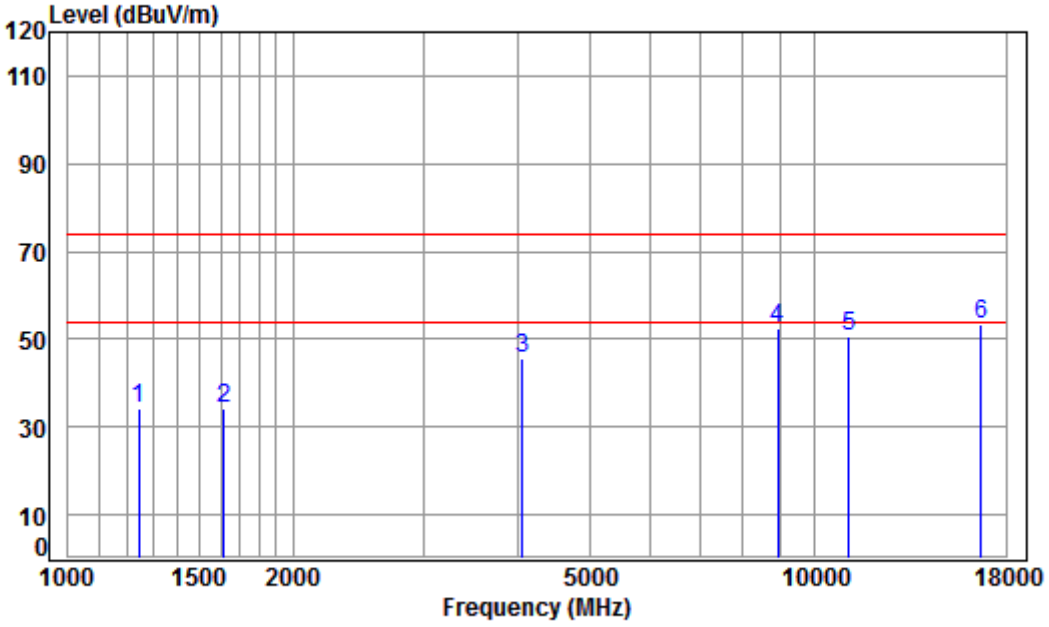
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5510 TX RSE
Note : 5G WIFI 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 | 1297.103 | 4.22 | 24.94 | 38.06 | 42.28 | 33.38 | 74.00 | -40.62 | peak |
| 2 | 1634.543 | 4.63 | 26.40 | 38.03 | 42.72 | 35.72 | 74.00 | -38.28 | peak |
| 3 | 4392.376 | 7.16 | 33.60 | 38.21 | 43.30 | 45.85 | 74.00 | -28.15 | peak |
| 4 pp | 8917.462 | 10.62 | 36.50 | 35.48 | 41.53 | 53.17 | 74.00 | -20.83 | peak |
| 5 | 11020.000 | 12.26 | 37.72 | 35.43 | 37.07 | 51.62 | 74.00 | -22.38 | peak |
| 6 | 16530.000 | 16.09 | 42.71 | 36.99 | 30.86 | 52.67 | 74.00 | -21.33 | peak |

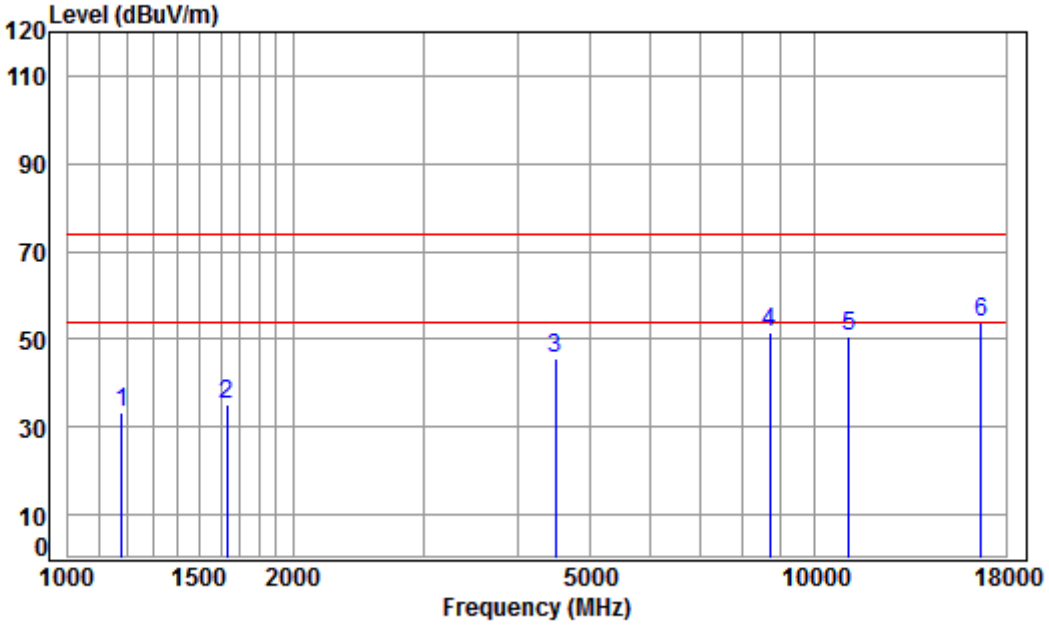
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:middle




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5550 TX RSE
Note : 5G WIFI 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 | 1245.663 | 4.14 | 24.70 | 38.07 | 43.46 | 34.23 | 74.00 | -39.77 | peak |
| 2 | 1615.754 | 4.61 | 26.32 | 38.03 | 41.53 | 34.43 | 74.00 | -39.57 | peak |
| 3 | 4050.904 | 6.76 | 33.60 | 38.03 | 43.24 | 45.57 | 74.00 | -28.43 | peak |
| 4 | 8917.462 | 10.62 | 36.50 | 35.48 | 40.70 | 52.34 | 74.00 | -21.66 | peak |
| 5 | 11100.000 | 12.27 | 37.78 | 35.52 | 36.13 | 50.66 | 74.00 | -23.34 | peak |
| 6 | pp16650.000 | 16.31 | 42.73 | 36.81 | 30.98 | 53.21 | 74.00 | -20.79 | peak |

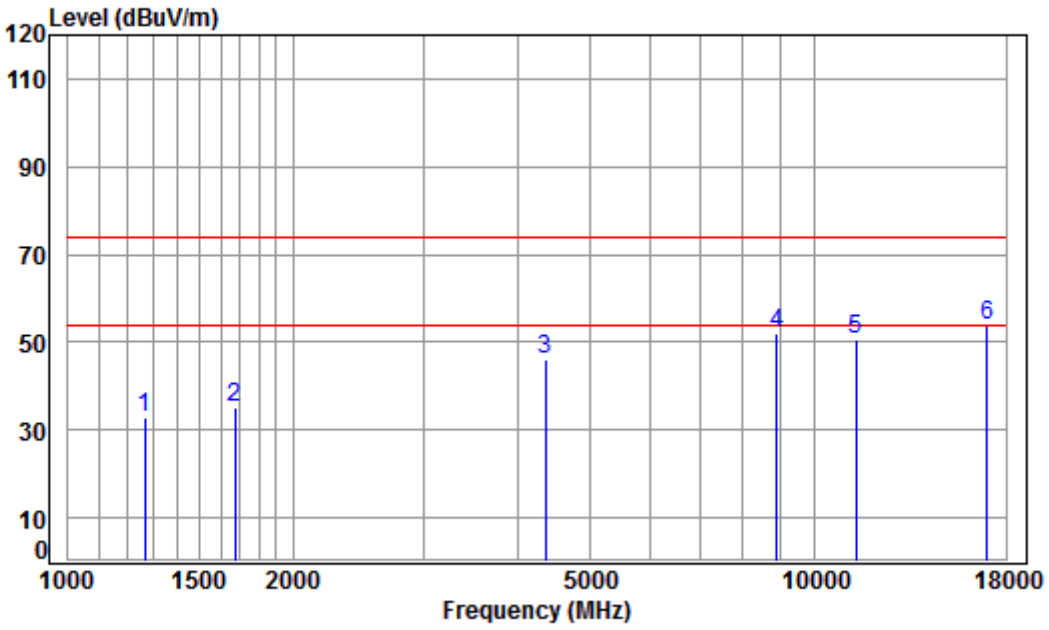
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:middle




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5550 TX RSE
Note : 5G WIFI 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 | 1179.100 | 4.05 | 24.38 | 38.08 | 42.80 | 33.15 | 74.00 | -40.85 | peak |
| 2 | 1629.825 | 4.63 | 26.38 | 38.03 | 42.20 | 35.18 | 74.00 | -38.82 | peak |
| 3 | 4495.125 | 7.27 | 33.60 | 38.26 | 42.79 | 45.40 | 74.00 | -28.60 | peak |
| 4 | 8688.480 | 10.45 | 36.23 | 35.70 | 40.74 | 51.72 | 74.00 | -22.28 | peak |
| 5 | 11100.000 | 12.27 | 37.78 | 35.52 | 36.31 | 50.84 | 74.00 | -23.16 | peak |
| 6 | pp16650.000 | 16.31 | 42.73 | 36.81 | 31.52 | 53.75 | 74.00 | -20.25 | peak |

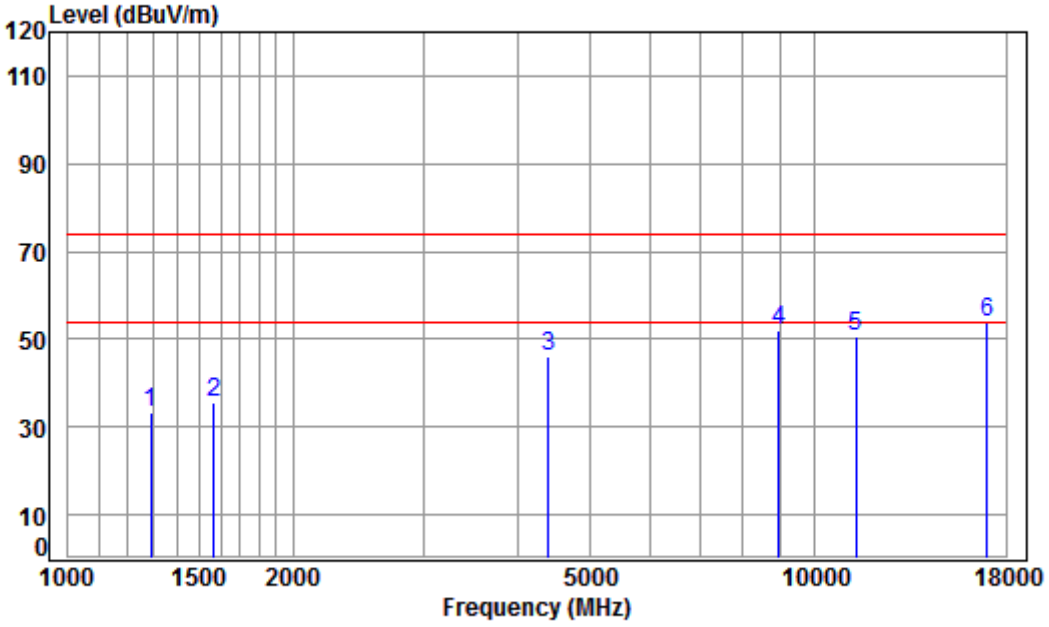
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5670 TX RSE
Note : 5G WIFI 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 | 1267.454 | 4.18 | 24.80 | 38.07 | 42.12 | 33.03 | 74.00 | -40.97 | peak |
| 2 | 1672.779 | 4.67 | 26.56 | 38.03 | 42.02 | 35.22 | 74.00 | -38.78 | peak |
| 3 | 4354.454 | 7.12 | 33.60 | 38.19 | 43.55 | 46.08 | 74.00 | -27.92 | peak |
| 4 | 8891.725 | 10.60 | 36.47 | 35.50 | 40.22 | 51.79 | 74.00 | -22.21 | peak |
| 5 | 11340.000 | 12.31 | 37.97 | 35.82 | 36.19 | 50.65 | 74.00 | -23.35 | peak |
| 6 | pp17010.000 | 16.99 | 42.81 | 36.29 | 30.42 | 53.93 | 74.00 | -20.07 | peak |

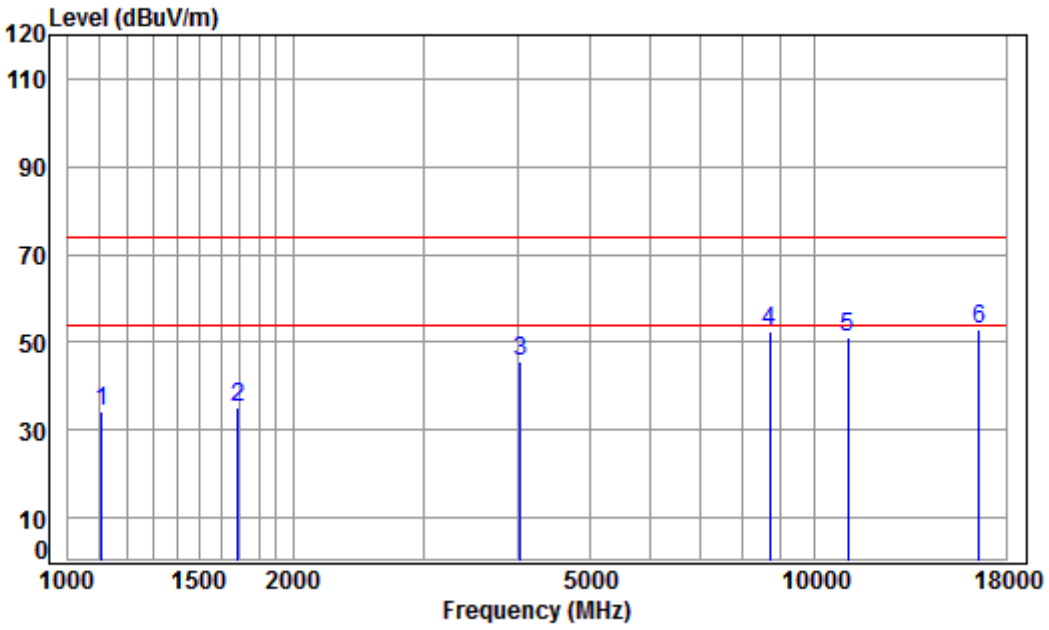
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5670 TX RSE
Note : 5G WIFI 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 | 1289.627 | 4.21 | 24.91 | 38.06 | 42.10 | 33.16 | 74.00 | -40.84 | peak |
| 2 | 1569.721 | 4.56 | 26.12 | 38.03 | 42.75 | 35.40 | 74.00 | -38.60 | peak |
| 3 | 4392.376 | 7.16 | 33.60 | 38.21 | 43.61 | 46.16 | 74.00 | -27.84 | peak |
| 4 | 8943.274 | 10.64 | 36.53 | 35.45 | 40.27 | 51.99 | 74.00 | -22.01 | peak |
| 5 | 11340.000 | 12.31 | 37.97 | 35.82 | 36.02 | 50.48 | 74.00 | -23.52 | peak |
| 6 | pp17010.000 | 16.99 | 42.81 | 36.29 | 30.35 | 53.86 | 74.00 | -20.14 | peak |

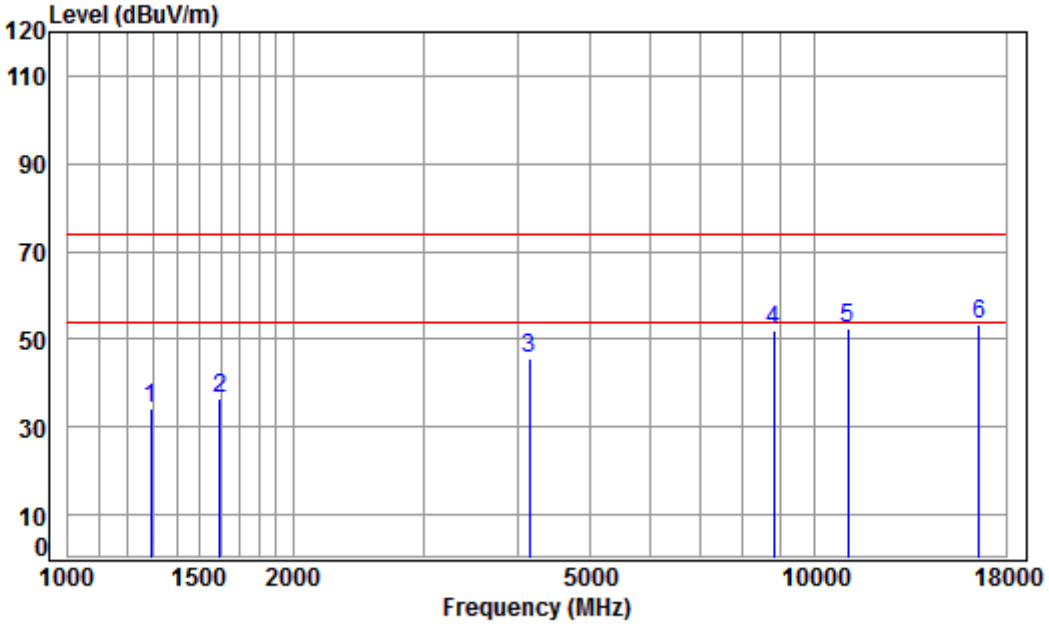
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:80MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5530 TX RSE
Note : 5G WIFI 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 | 1109.660 | 3.94 | 24.02 | 38.08 | 44.16 | 34.04 | 74.00 | -39.96 | peak |
| 2 | 1687.347 | 4.69 | 26.62 | 38.02 | 41.81 | 35.10 | 74.00 | -38.90 | peak |
| 3 | 4027.554 | 6.73 | 33.60 | 38.02 | 43.11 | 45.42 | 74.00 | -28.58 | peak |
| 4 | 8688.480 | 10.45 | 36.23 | 35.70 | 41.68 | 52.66 | 74.00 | -21.34 | peak |
| 5 | 11060.000 | 12.27 | 37.75 | 35.48 | 36.47 | 51.01 | 74.00 | -22.99 | peak |
| 6 | pp16590.000 | 16.20 | 42.72 | 36.90 | 30.90 | 52.92 | 74.00 | -21.08 | peak |

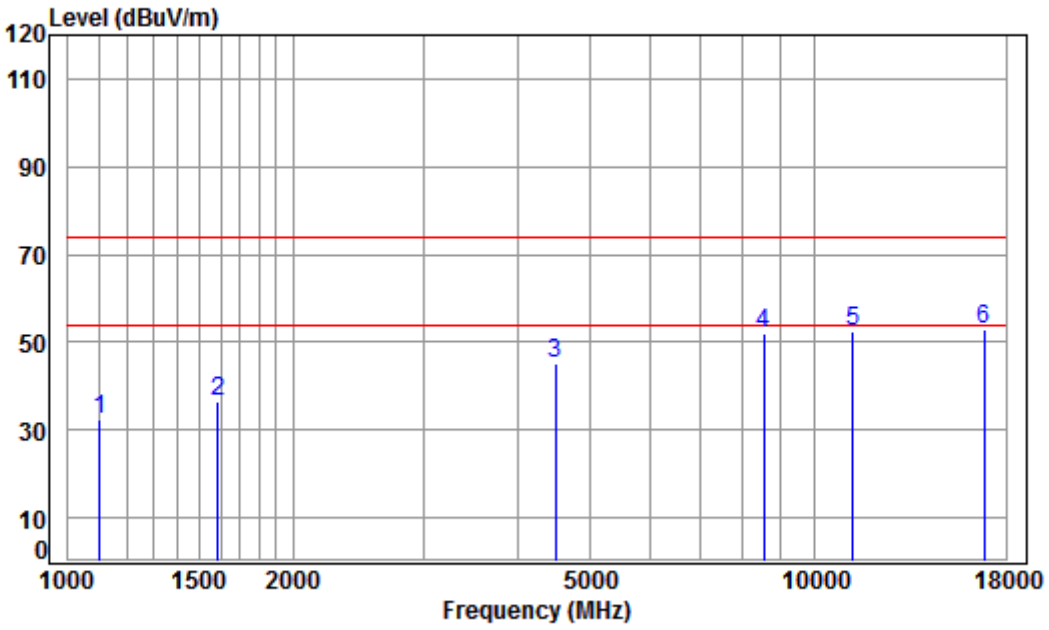
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:80MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5530 TX RSE
Note : 5G WIFI 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 | 1289.627 | 4.21 | 24.91 | 38.06 | 43.10 | 34.16 | 74.00 | -39.84 | peak |
| 2 | 1597.181 | 4.59 | 26.24 | 38.03 | 43.54 | 36.34 | 74.00 | -37.66 | peak |
| 3 | 4145.664 | 6.88 | 33.60 | 38.08 | 43.13 | 45.53 | 74.00 | -28.47 | peak |
| 4 | 8789.516 | 10.53 | 36.35 | 35.60 | 40.56 | 51.84 | 74.00 | -22.16 | peak |
| 5 | 11060.000 | 12.27 | 37.75 | 35.48 | 37.97 | 52.51 | 74.00 | -21.49 | peak |
| 6 | pp16590.000 | 16.20 | 42.72 | 36.90 | 31.34 | 53.36 | 74.00 | -20.64 | peak |

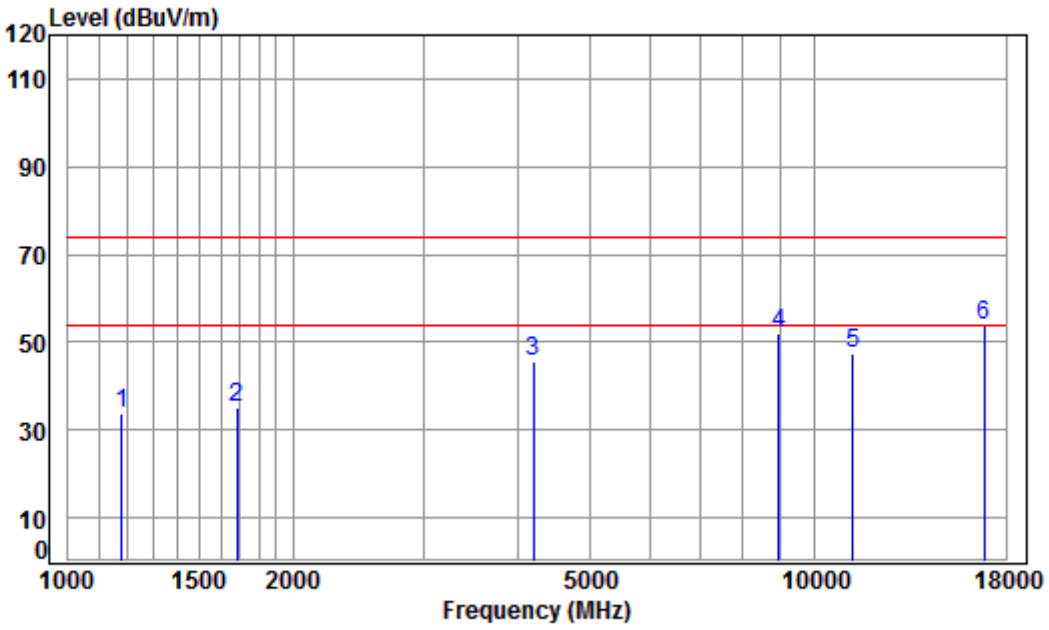
Mode:n; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:80MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5610 TX RSE
Note : 5G WIFI 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 | 1103.264 | 3.93 | 23.98 | 38.09 | 42.78 | 32.60 | 74.00 | -41.40 | peak |
| 2 | 1587.975 | 4.58 | 26.20 | 38.03 | 43.64 | 36.39 | 74.00 | -37.61 | peak |
| 3 | 4495.125 | 7.27 | 33.60 | 38.26 | 42.71 | 45.32 | 74.00 | -28.68 | peak |
| 4 | 8539.102 | 10.34 | 36.05 | 35.85 | 41.35 | 51.89 | 74.00 | -22.11 | peak |
| 5 | 11220.000 | 12.29 | 37.88 | 35.67 | 37.79 | 52.29 | 74.00 | -21.71 | peak |
| 6 | pp16830.000 | 16.65 | 42.77 | 36.55 | 30.22 | 53.09 | 74.00 | -20.91 | peak |

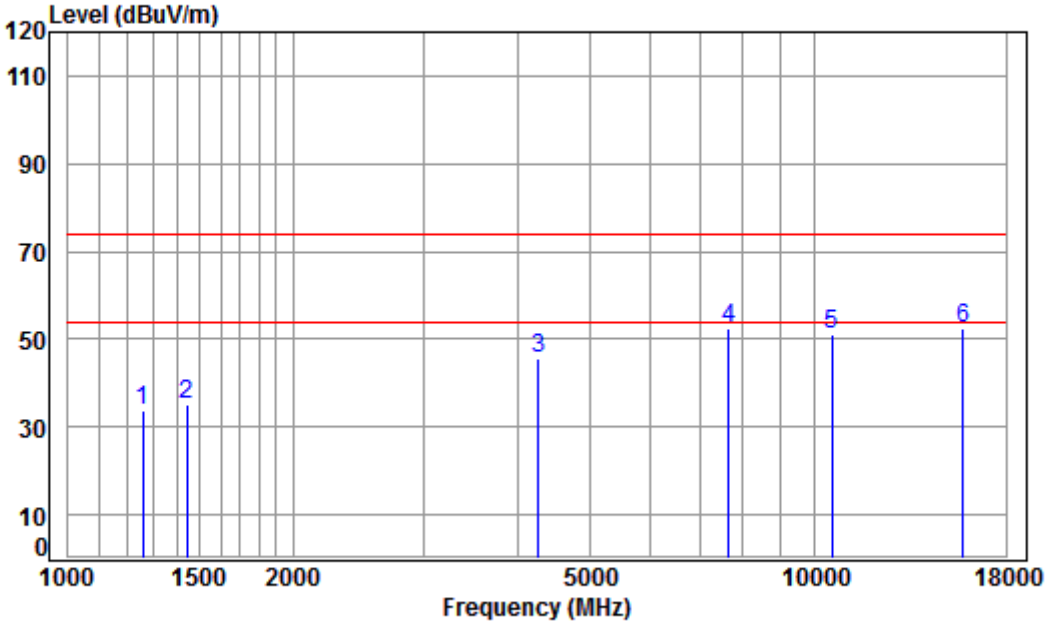
Mode:n; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:80MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5610 TX RSE
Note : 5G WIFI 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 | 1179.100 | 4.05 | 24.38 | 38.08 | 43.26 | 33.61 | 74.00 | -40.39 | peak |
| 2 | 1682.477 | 4.69 | 26.60 | 38.02 | 41.88 | 35.15 | 74.00 | -38.85 | peak |
| 3 | 4193.872 | 6.93 | 33.60 | 38.11 | 43.14 | 45.56 | 74.00 | -28.44 | peak |
| 4 | 8943.274 | 10.64 | 36.53 | 35.45 | 40.32 | 52.04 | 74.00 | -21.96 | peak |
| 5 | 11220.000 | 12.29 | 37.88 | 35.67 | 33.10 | 47.60 | 74.00 | -26.40 | peak |
| 6 | pp16830.000 | 16.65 | 42.77 | 36.55 | 31.02 | 53.89 | 74.00 | -20.11 | peak |

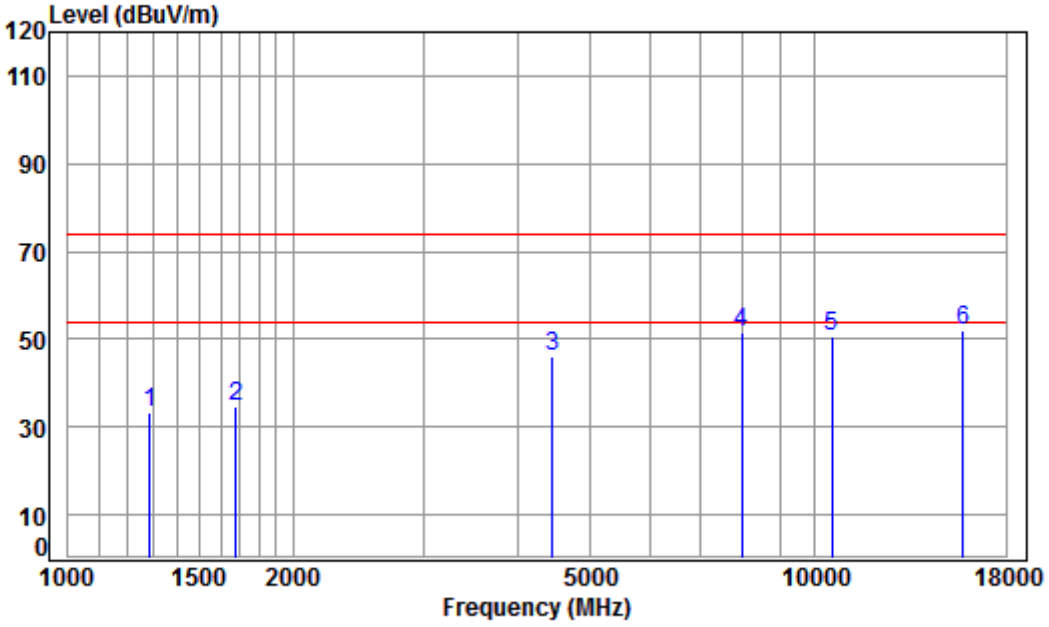
Mode:m; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5260 TX RSE
Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1260.149 | 4.16 | 24.77 | 38.07 | 42.98 | 33.84 | 74.00 | -40.16 | peak |
| 2 | 1443.509 | 4.40 | 25.57 | 38.05 | 43.19 | 35.11 | 74.00 | -38.89 | peak |
| 3 | 4267.237 | 7.02 | 33.60 | 38.14 | 43.02 | 45.50 | 74.00 | -28.50 | peak |
| 4 pp | 7650.888 | 9.91 | 36.39 | 36.70 | 42.96 | 52.56 | 74.00 | -21.44 | peak |
| 5 | 10520.000 | 11.88 | 37.12 | 35.17 | 37.20 | 51.03 | 74.00 | -22.97 | peak |
| 6 | 15780.000 | 15.47 | 41.29 | 38.04 | 33.56 | 52.28 | 74.00 | -21.72 | peak |

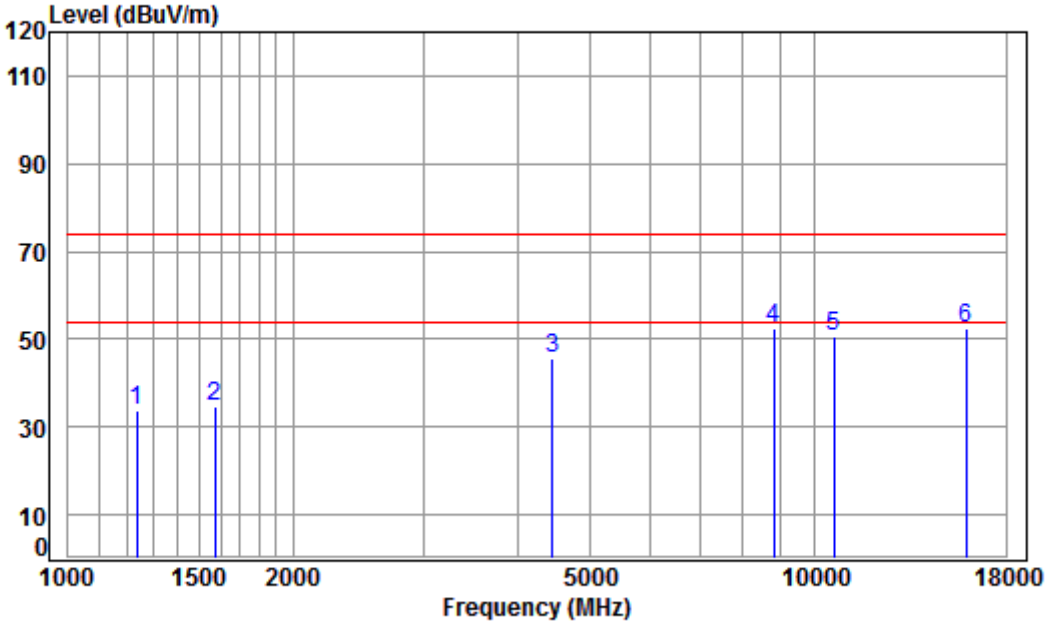
Mode:m; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5260 TX RSE
Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1285.904 | 4.20 | 24.89 | 38.06 | 42.40 | 33.43 | 74.00 | -40.57 | peak |
| 2 | 1677.621 | 4.68 | 26.58 | 38.03 | 41.28 | 34.51 | 74.00 | -39.49 | peak |
| 3 | 4456.315 | 7.23 | 33.60 | 38.24 | 43.34 | 45.93 | 74.00 | -28.07 | peak |
| 4 | 7966.832 | 10.03 | 36.58 | 36.43 | 41.54 | 51.72 | 74.00 | -22.28 | peak |
| 5 | 10520.000 | 11.88 | 37.12 | 35.17 | 36.59 | 50.42 | 74.00 | -23.58 | peak |
| 6 | pp15780.000 | 15.47 | 41.29 | 38.04 | 33.16 | 51.88 | 74.00 | -22.12 | peak |

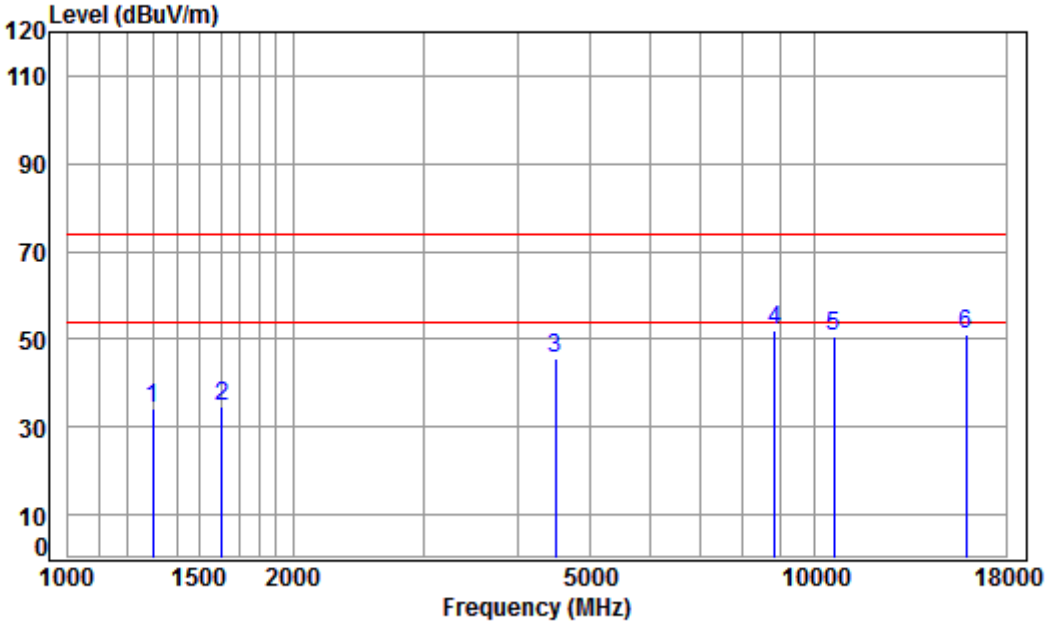
Mode:m; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:middle




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5300 TX RSE
Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1234.909 | 4.13 | 24.65 | 38.07 | 43.13 | 33.84 | 74.00 | -40.16 | peak |
| 2 | 1574.265 | 4.56 | 26.14 | 38.03 | 42.07 | 34.74 | 74.00 | -39.26 | peak |
| 3 | 4456.315 | 7.23 | 33.60 | 38.24 | 43.03 | 45.62 | 74.00 | -28.38 | peak |
| 4 | 8814.957 | 10.55 | 36.38 | 35.58 | 40.97 | 52.32 | 74.00 | -21.68 | peak |
| 5 | 10600.000 | 11.94 | 37.22 | 35.21 | 36.87 | 50.82 | 74.00 | -23.18 | peak |
| 6 | pp15900.000 | 15.56 | 41.24 | 37.91 | 33.75 | 52.64 | 74.00 | -21.36 | peak |

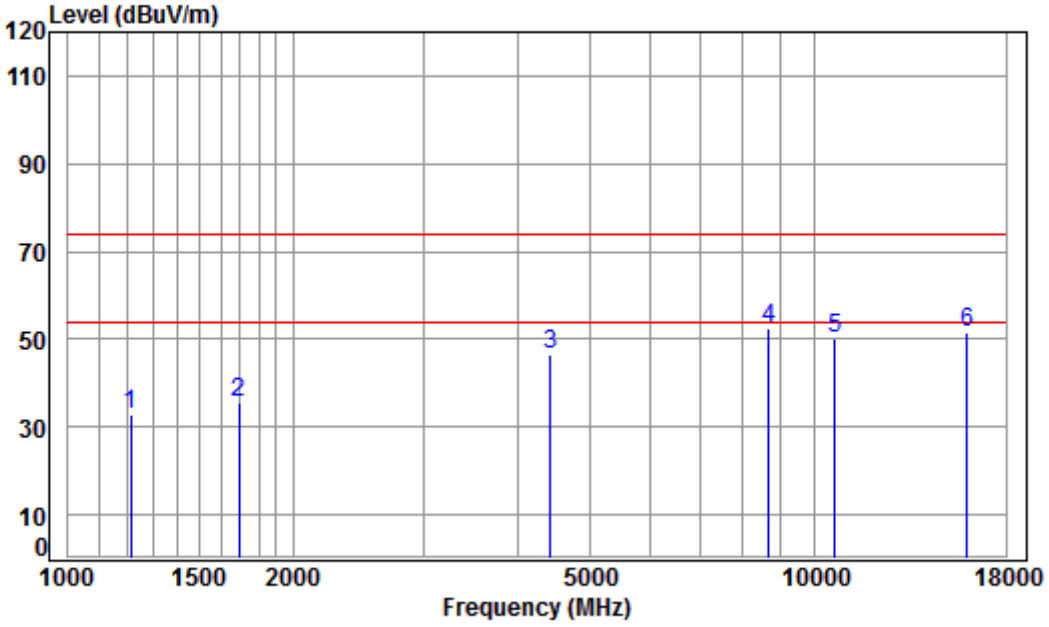
Mode:m; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:middle




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5300 TX RSE
Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1297.103 | 4.22 | 24.94 | 38.06 | 43.21 | 34.31 | 74.00 | -39.69 | peak |
| 2 | 1606.441 | 4.60 | 26.28 | 38.03 | 42.05 | 34.90 | 74.00 | -39.10 | peak |
| 3 | 4495.125 | 7.27 | 33.60 | 38.26 | 43.01 | 45.62 | 74.00 | -28.38 | peak |
| 4 pp | 8840.473 | 10.56 | 36.41 | 35.55 | 40.54 | 51.96 | 74.00 | -22.04 | peak |
| 5 | 10600.000 | 11.94 | 37.22 | 35.21 | 36.56 | 50.51 | 74.00 | -23.49 | peak |
| 6 | 15900.000 | 15.56 | 41.24 | 37.91 | 32.27 | 51.16 | 74.00 | -22.84 | peak |

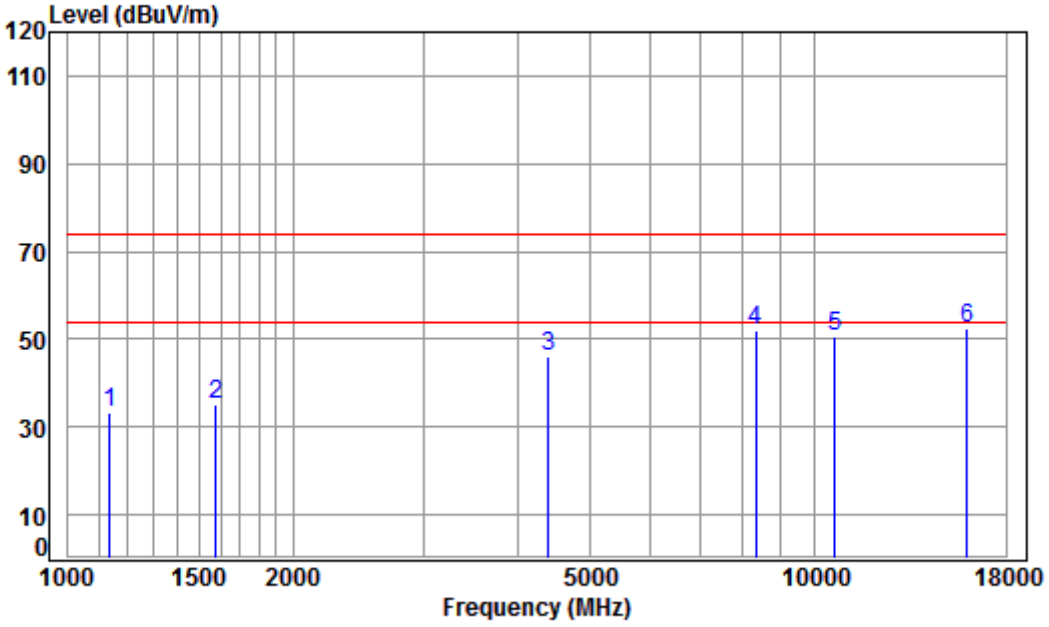
Mode:m; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5320 TX RSE
Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1213.677 | 4.10 | 24.55 | 38.07 | 42.40 | 32.98 | 74.00 | -41.02 | peak |
| 2 | 1692.231 | 4.70 | 26.64 | 38.02 | 42.05 | 35.37 | 74.00 | -38.63 | peak |
| 3 | 4417.841 | 7.19 | 33.60 | 38.22 | 44.11 | 46.68 | 74.00 | -27.32 | peak |
| 4 pp | 8663.404 | 10.43 | 36.20 | 35.72 | 41.54 | 52.45 | 74.00 | -21.55 | peak |
| 5 | 10640.000 | 11.97 | 37.27 | 35.23 | 36.13 | 50.14 | 74.00 | -23.86 | peak |
| 6 | 15960.000 | 15.61 | 41.22 | 37.84 | 32.73 | 51.72 | 74.00 | -22.28 | peak |

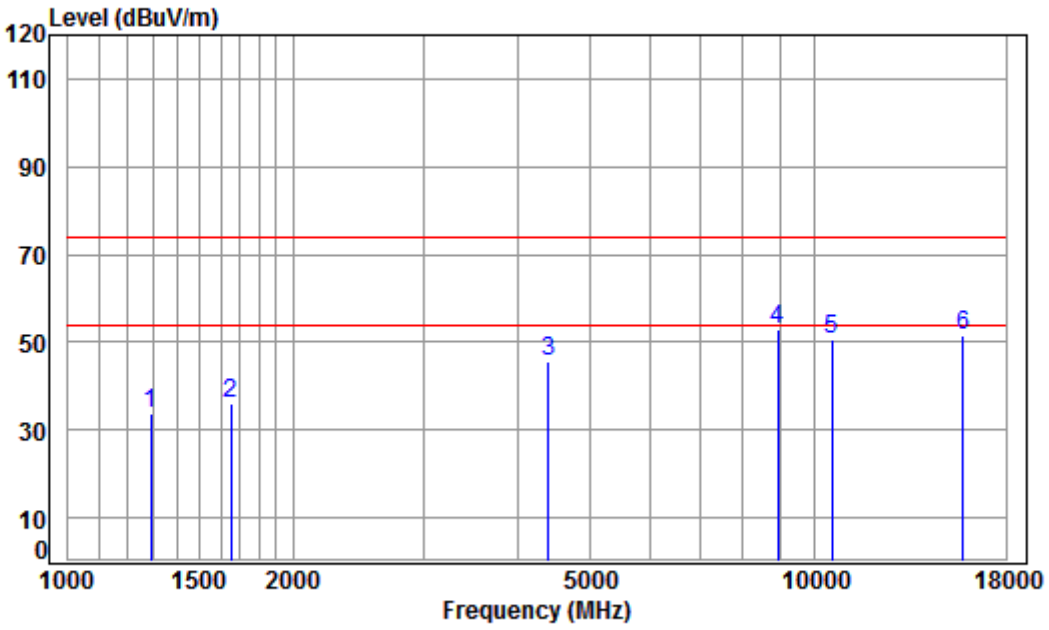
Mode:m; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5320 TX RSE
Note : 5G WIFI 11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1138.904 | 3.99 | 24.17 | 38.08 | 43.10 | 33.18 | 74.00 | -40.82 | peak |
| 2 | 1578.822 | 4.57 | 26.16 | 38.03 | 42.37 | 35.07 | 74.00 | -38.93 | peak |
| 3 | 4392.376 | 7.16 | 33.60 | 38.21 | 43.68 | 46.23 | 74.00 | -27.77 | peak |
| 4 | 8319.836 | 10.21 | 36.21 | 36.07 | 41.86 | 52.21 | 74.00 | -21.79 | peak |
| 5 | 10640.000 | 11.97 | 37.27 | 35.23 | 36.71 | 50.72 | 74.00 | -23.28 | peak |
| 6 | pp15960.000 | 15.61 | 41.22 | 37.84 | 33.43 | 52.42 | 74.00 | -21.58 | peak |

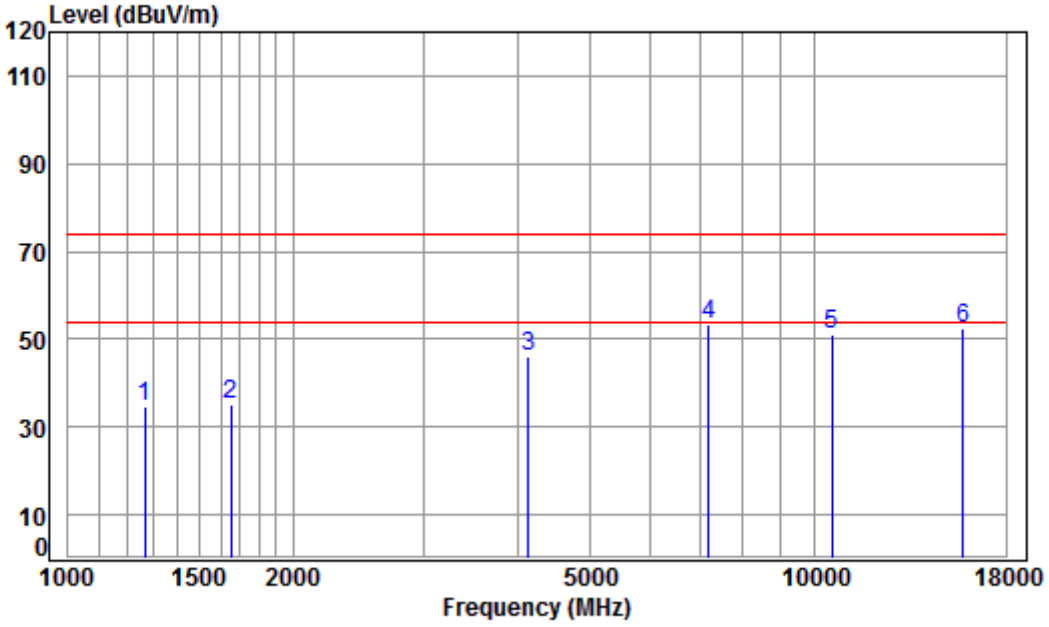
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5260 TX RSE
Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1289.627 | 4.21 | 24.91 | 38.06 | 42.50 | 33.56 | 74.00 | -40.44 | peak |
| 2 | 1653.550 | 4.65 | 26.48 | 38.03 | 43.13 | 36.23 | 74.00 | -37.77 | peak |
| 3 | 4392.376 | 7.16 | 33.60 | 38.21 | 43.25 | 45.80 | 74.00 | -28.20 | peak |
| 4 pp | 8917.462 | 10.62 | 36.50 | 35.48 | 41.09 | 52.73 | 74.00 | -21.27 | peak |
| 5 | 10520.000 | 11.88 | 37.12 | 35.17 | 37.04 | 50.87 | 74.00 | -23.13 | peak |
| 6 | 15780.000 | 15.47 | 41.29 | 38.04 | 32.93 | 51.65 | 74.00 | -22.35 | peak |

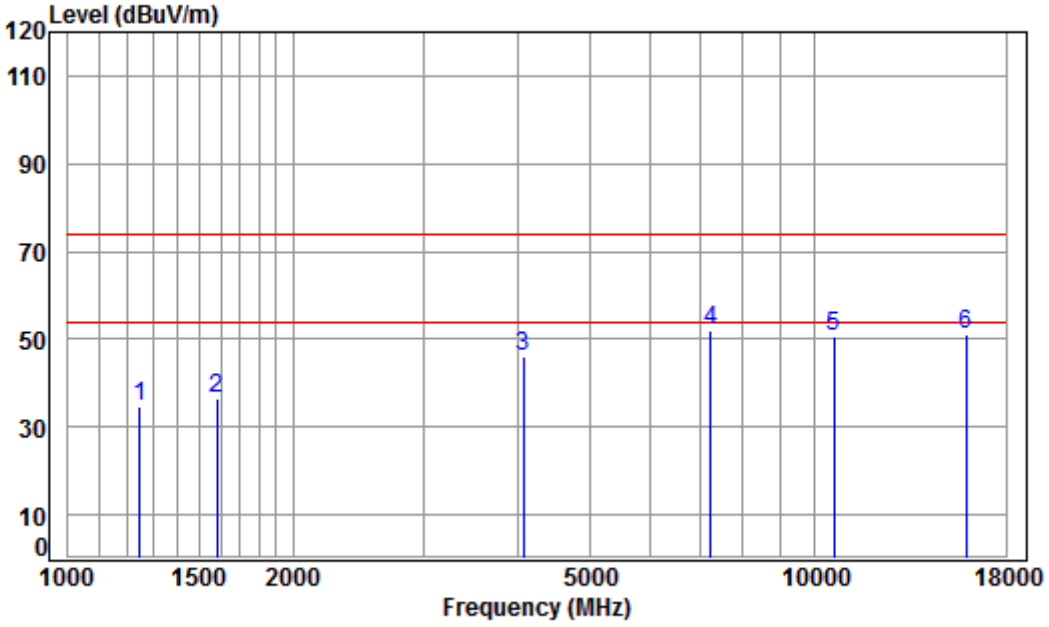
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5260 TX RSE
Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1267.454 | 4.18 | 24.80 | 38.07 | 43.82 | 34.73 | 74.00 | -39.27 | peak |
| 2 | 1653.550 | 4.65 | 26.48 | 38.03 | 41.91 | 35.01 | 74.00 | -38.99 | peak |
| 3 | 4133.699 | 6.86 | 33.60 | 38.07 | 43.89 | 46.28 | 74.00 | -27.72 | peak |
| 4 pp | 7200.309 | 9.65 | 36.42 | 37.11 | 44.32 | 53.28 | 74.00 | -20.72 | peak |
| 5 | 10520.000 | 11.88 | 37.12 | 35.17 | 37.10 | 50.93 | 74.00 | -23.07 | peak |
| 6 | 15780.000 | 15.47 | 41.29 | 38.04 | 33.55 | 52.27 | 74.00 | -21.73 | peak |

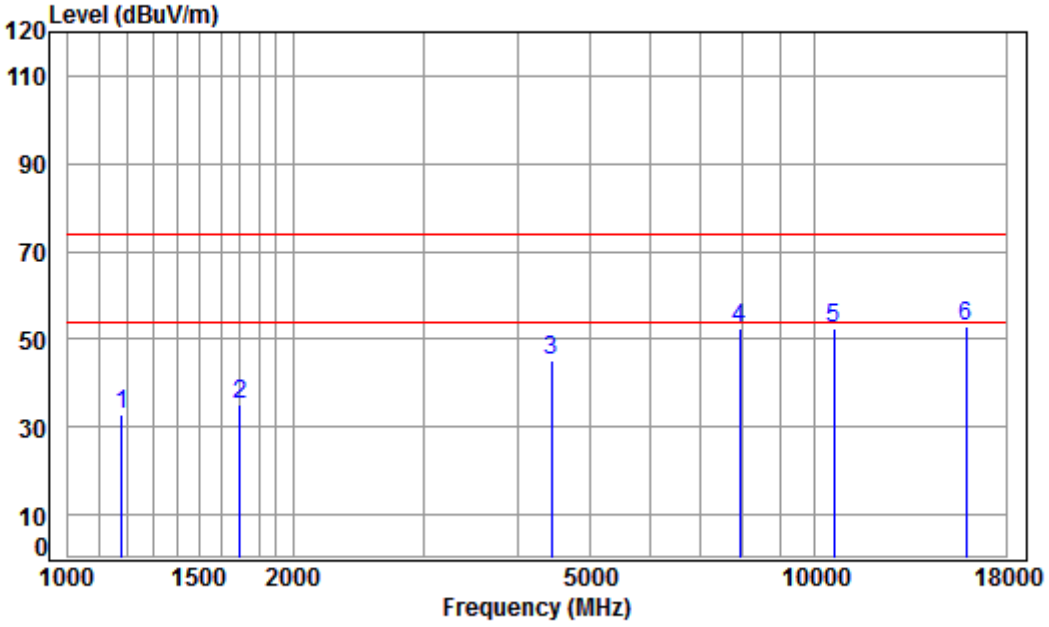
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:middle




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5300 TX RSE
Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1249.269 | 4.15 | 24.72 | 38.07 | 44.00 | 34.80 | 74.00 | -39.20 | peak |
| 2 | 1583.392 | 4.57 | 26.18 | 38.03 | 43.68 | 36.40 | 74.00 | -37.60 | peak |
| 3 | 4074.388 | 6.79 | 33.60 | 38.04 | 43.71 | 46.06 | 74.00 | -27.94 | peak |
| 4 | pp 7242.052 | 9.68 | 36.40 | 37.07 | 43.23 | 52.24 | 74.00 | -21.76 | peak |
| 5 | 10600.000 | 11.94 | 37.22 | 35.21 | 36.76 | 50.71 | 74.00 | -23.29 | peak |
| 6 | 15900.000 | 15.56 | 41.24 | 37.91 | 32.03 | 50.92 | 74.00 | -23.08 | peak |

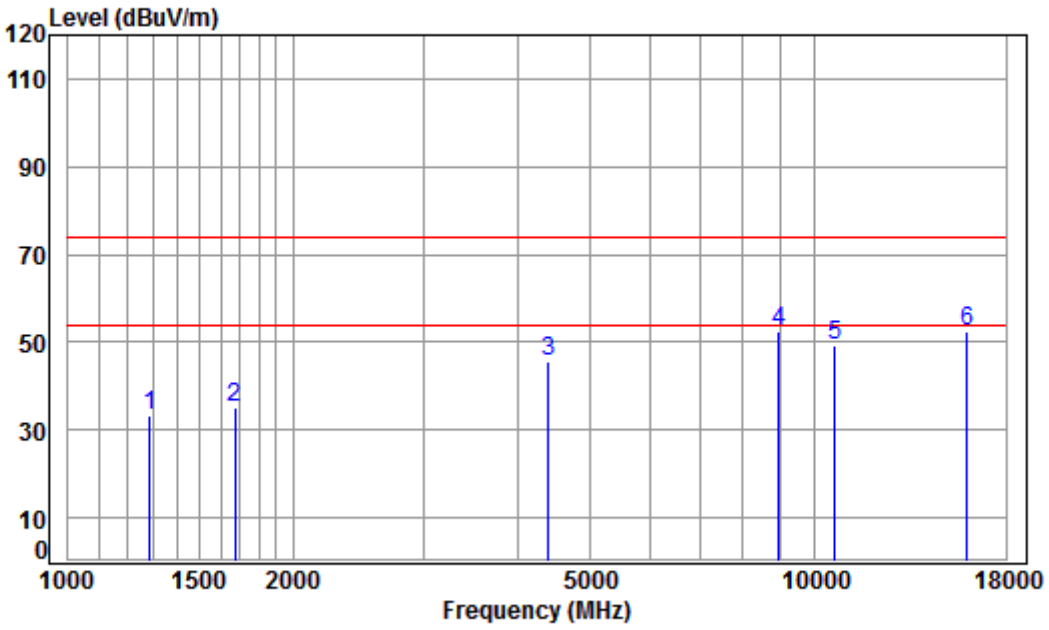
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:middle




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5300 TX RSE
Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1179.100 | 4.05 | 24.38 | 38.08 | 42.68 | 33.03 | 74.00 | -40.97 | peak |
| 2 | 1697.129 | 4.70 | 26.66 | 38.02 | 41.82 | 35.16 | 74.00 | -38.84 | peak |
| 3 | 4443.453 | 7.22 | 33.60 | 38.24 | 42.62 | 45.20 | 74.00 | -28.80 | peak |
| 4 | 7920.911 | 10.01 | 36.55 | 36.47 | 42.16 | 52.25 | 74.00 | -21.75 | peak |
| 5 | 10600.000 | 11.94 | 37.22 | 35.21 | 38.37 | 52.32 | 74.00 | -21.68 | peak |
| 6 | pp15900.000 | 15.56 | 41.24 | 37.91 | 34.12 | 53.01 | 74.00 | -20.99 | peak |

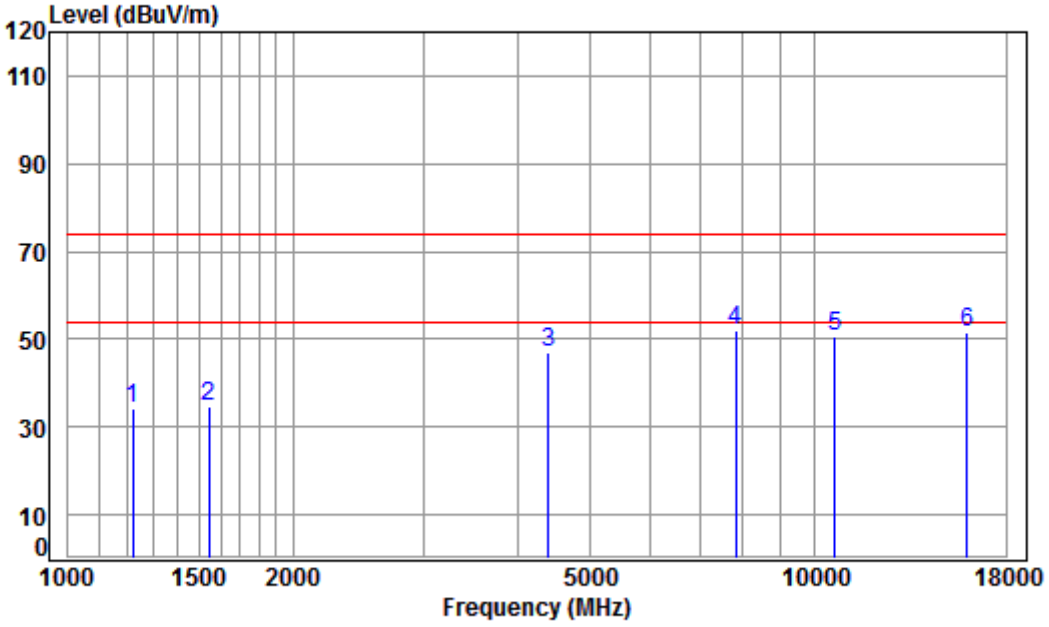
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5320 TX RSE
Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1285.904 | 4.20 | 24.89 | 38.06 | 42.08 | 33.11 | 74.00 | -40.89 | peak |
| 2 | 1672.779 | 4.67 | 26.56 | 38.03 | 41.90 | 35.10 | 74.00 | -38.90 | peak |
| 3 | 4392.376 | 7.16 | 33.60 | 38.21 | 43.08 | 45.63 | 74.00 | -28.37 | peak |
| 4 | 8943.274 | 10.64 | 36.53 | 35.45 | 40.55 | 52.27 | 74.00 | -21.73 | peak |
| 5 | 10640.000 | 11.97 | 37.27 | 35.23 | 35.34 | 49.35 | 74.00 | -24.65 | peak |
| 6 | pp15960.000 | 15.61 | 41.22 | 37.84 | 33.37 | 52.36 | 74.00 | -21.64 | peak |

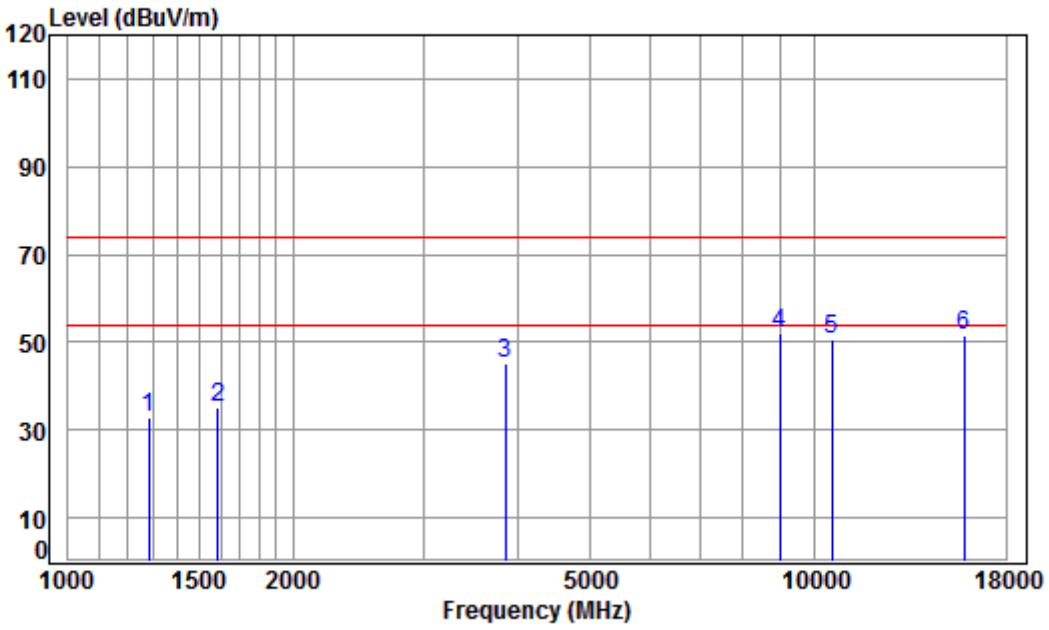
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5320 TX RSE
Note : 5G WIFI 11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1220.714 | 4.11 | 24.58 | 38.07 | 43.63 | 34.25 | 74.00 | -39.75 | peak |
| 2 | 1542.733 | 4.52 | 26.00 | 38.04 | 42.12 | 34.60 | 74.00 | -39.40 | peak |
| 3 | 4392.376 | 7.16 | 33.60 | 38.21 | 44.39 | 46.94 | 74.00 | -27.06 | peak |
| 4 pp | 7829.860 | 9.98 | 36.50 | 36.54 | 42.11 | 52.05 | 74.00 | -21.95 | peak |
| 5 | 10640.000 | 11.97 | 37.27 | 35.23 | 36.63 | 50.64 | 74.00 | -23.36 | peak |
| 6 | 15960.000 | 15.61 | 41.22 | 37.84 | 32.70 | 51.69 | 74.00 | -22.31 | peak |

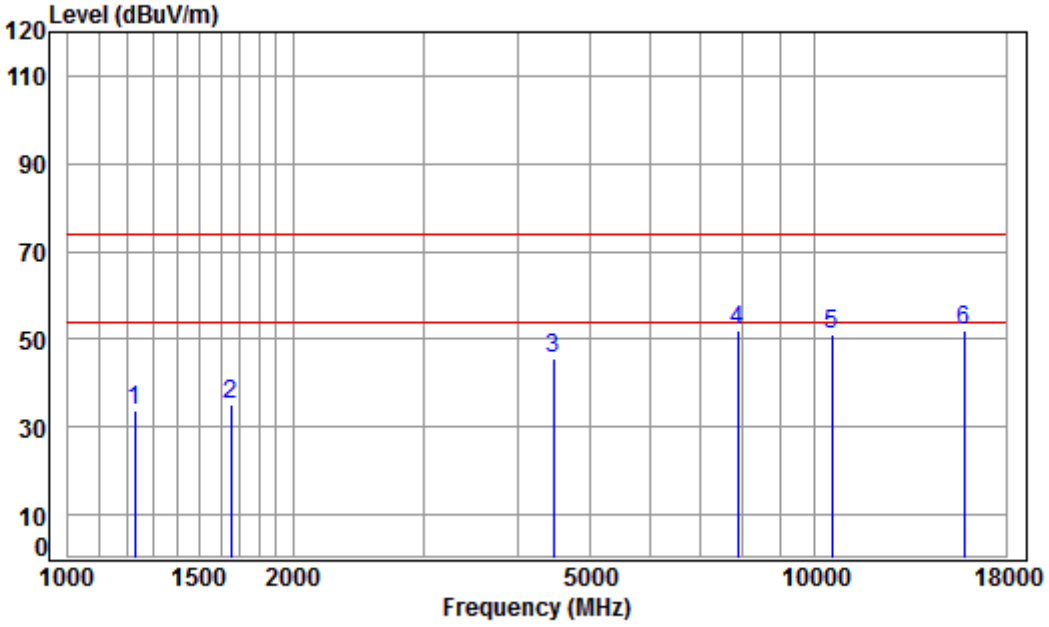
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5270 TX RSE
Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1282.193 | 4.20 | 24.87 | 38.06 | 42.07 | 33.08 | 74.00 | -40.92 | peak |
| 2 | 1587.975 | 4.58 | 26.20 | 38.03 | 42.55 | 35.30 | 74.00 | -38.70 | peak |
| 3 | 3845.537 | 6.58 | 33.19 | 37.99 | 43.49 | 45.27 | 74.00 | -28.73 | peak |
| 4 pp | 8969.161 | 10.66 | 36.56 | 35.43 | 40.29 | 52.08 | 74.00 | -21.92 | peak |
| 5 | 10540.000 | 11.89 | 37.15 | 35.18 | 36.69 | 50.55 | 74.00 | -23.45 | peak |
| 6 | 15810.000 | 15.49 | 41.28 | 38.00 | 32.74 | 51.51 | 74.00 | -22.49 | peak |

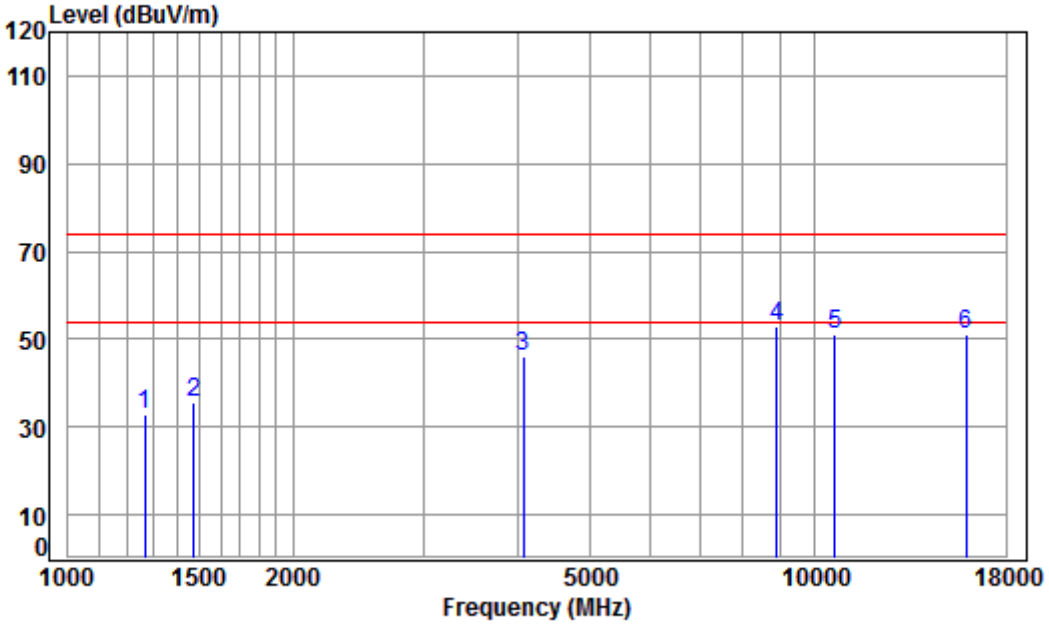
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5270 TX RSE
Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1227.791 | 4.12 | 24.61 | 38.07 | 43.11 | 33.77 | 74.00 | -40.23 | peak |
| 2 | 1653.550 | 4.65 | 26.48 | 38.03 | 42.05 | 35.15 | 74.00 | -38.85 | peak |
| 3 | 4469.214 | 7.25 | 33.60 | 38.25 | 43.22 | 45.82 | 74.00 | -28.18 | peak |
| 4 pp | 7875.254 | 9.99 | 36.53 | 36.51 | 42.16 | 52.17 | 74.00 | -21.83 | peak |
| 5 | 10540.000 | 11.89 | 37.15 | 35.18 | 37.15 | 51.01 | 74.00 | -22.99 | peak |
| 6 | 15810.000 | 15.49 | 41.28 | 38.00 | 33.36 | 52.13 | 74.00 | -21.87 | peak |

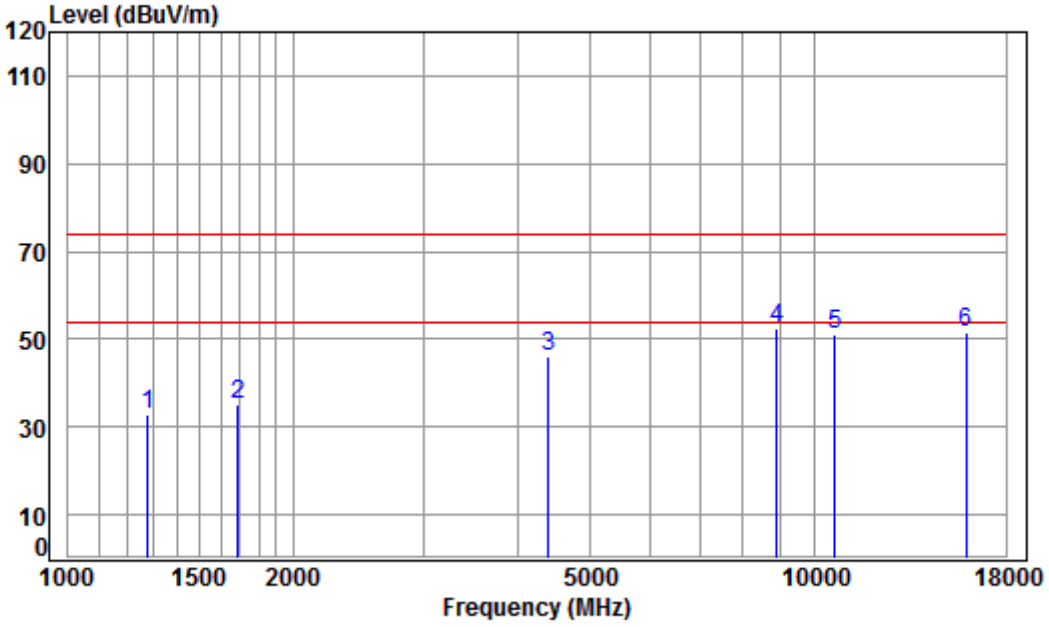
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5310 TX RSE
Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1267.454 | 4.18 | 24.80 | 38.07 | 41.94 | 32.85 | 74.00 | -41.15 | peak |
| 2 | 1473.013 | 4.44 | 25.69 | 38.04 | 43.71 | 35.80 | 74.00 | -38.20 | peak |
| 3 | 4074.388 | 6.79 | 33.60 | 38.04 | 43.76 | 46.11 | 74.00 | -27.89 | peak |
| 4 pp | 8891.725 | 10.60 | 36.47 | 35.50 | 41.18 | 52.75 | 74.00 | -21.25 | peak |
| 5 | 10620.000 | 11.96 | 37.25 | 35.22 | 36.98 | 50.97 | 74.00 | -23.03 | peak |
| 6 | 15930.000 | 15.59 | 41.23 | 37.87 | 32.26 | 51.21 | 74.00 | -22.79 | peak |

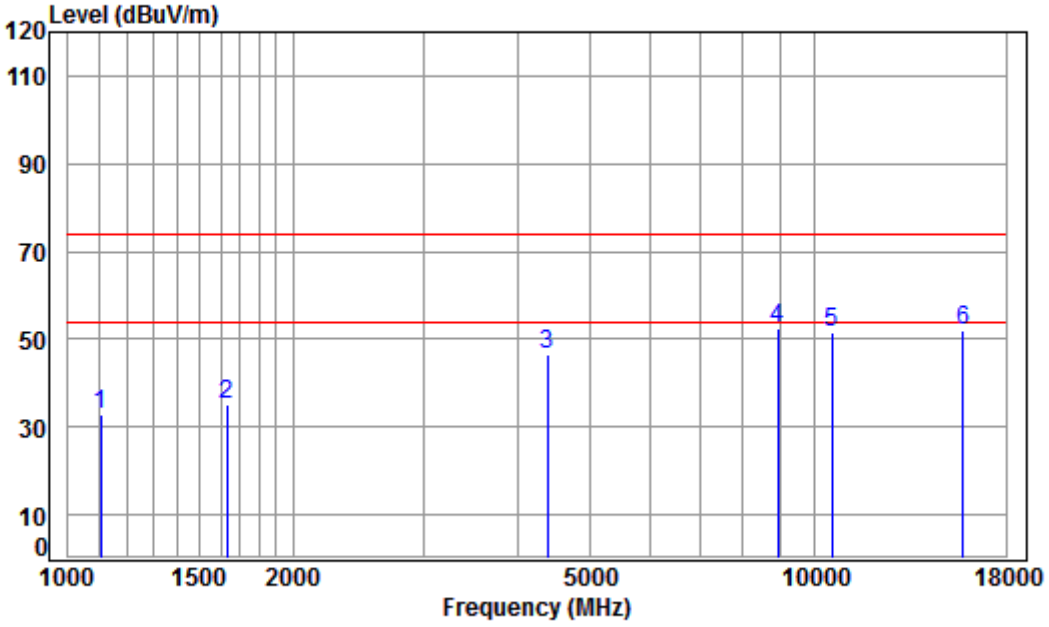
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5310 TX RSE
Note : 5G WIFI 11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1278.492 | 4.19 | 24.85 | 38.06 | 41.93 | 32.91 | 74.00 | -41.09 | peak |
| 2 | 1687.347 | 4.69 | 26.62 | 38.02 | 41.72 | 35.01 | 74.00 | -38.99 | peak |
| 3 | 4392.376 | 7.16 | 33.60 | 38.21 | 43.62 | 46.17 | 74.00 | -27.83 | peak |
| 4 pp | 8891.725 | 10.60 | 36.47 | 35.50 | 40.71 | 52.28 | 74.00 | -21.72 | peak |
| 5 | 10620.000 | 11.96 | 37.25 | 35.22 | 37.15 | 51.14 | 74.00 | -22.86 | peak |
| 6 | 15930.000 | 15.59 | 41.23 | 37.87 | 32.49 | 51.44 | 74.00 | -22.56 | peak |

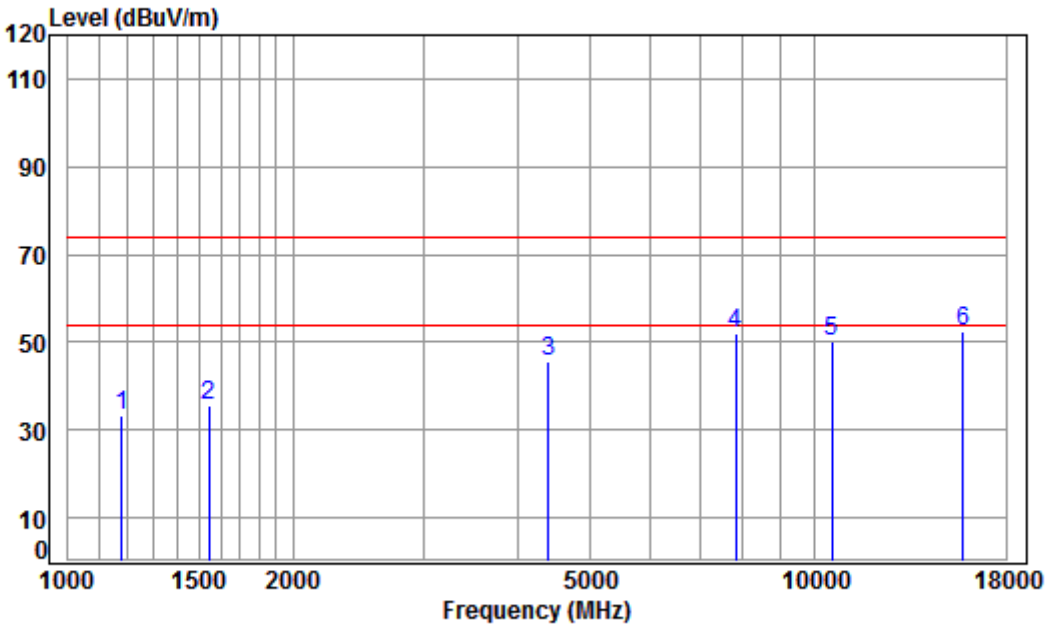
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5260 TX RSE
Note : 5G WIFI 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 | 1106.457 | 3.94 | 24.00 | 38.09 | 42.85 | 32.70 | 74.00 | -41.30 | peak |
| 2 | 1629.825 | 4.63 | 26.38 | 38.03 | 42.09 | 35.07 | 74.00 | -38.93 | peak |
| 3 | 4379.699 | 7.15 | 33.60 | 38.20 | 43.81 | 46.36 | 74.00 | -27.64 | peak |
| 4 pp | 8917.462 | 10.62 | 36.50 | 35.48 | 40.61 | 52.25 | 74.00 | -21.75 | peak |
| 5 | 10520.000 | 11.88 | 37.12 | 35.17 | 37.68 | 51.51 | 74.00 | -22.49 | peak |
| 6 | 15780.000 | 15.47 | 41.29 | 38.04 | 33.32 | 52.04 | 74.00 | -21.96 | peak |

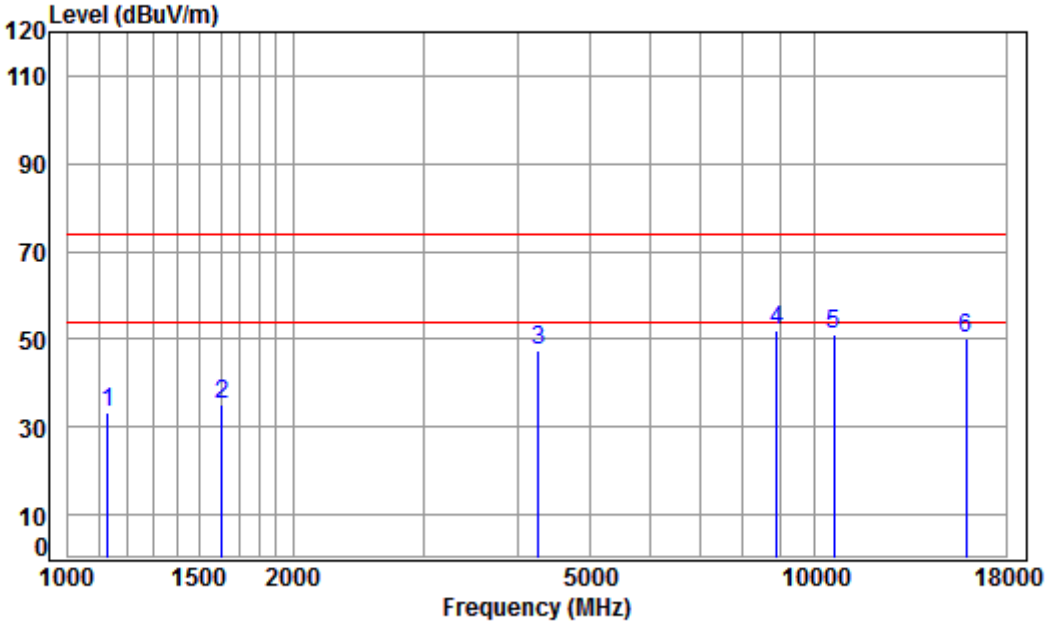
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5260 TX RSE
Note : 5G WIFI 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 | 1179.100 | 4.05 | 24.38 | 38.08 | 42.92 | 33.27 | 74.00 | -40.73 | peak |
| 2 | 1542.733 | 4.52 | 26.00 | 38.04 | 43.15 | 35.63 | 74.00 | -38.37 | peak |
| 3 | 4392.376 | 7.16 | 33.60 | 38.21 | 43.15 | 45.70 | 74.00 | -28.30 | peak |
| 4 | 7829.860 | 9.98 | 36.50 | 36.54 | 42.22 | 52.16 | 74.00 | -21.84 | peak |
| 5 | 10520.000 | 11.88 | 37.12 | 35.17 | 36.48 | 50.31 | 74.00 | -23.69 | peak |
| 6 | pp15780.000 | 15.47 | 41.29 | 38.04 | 33.79 | 52.51 | 74.00 | -21.49 | peak |

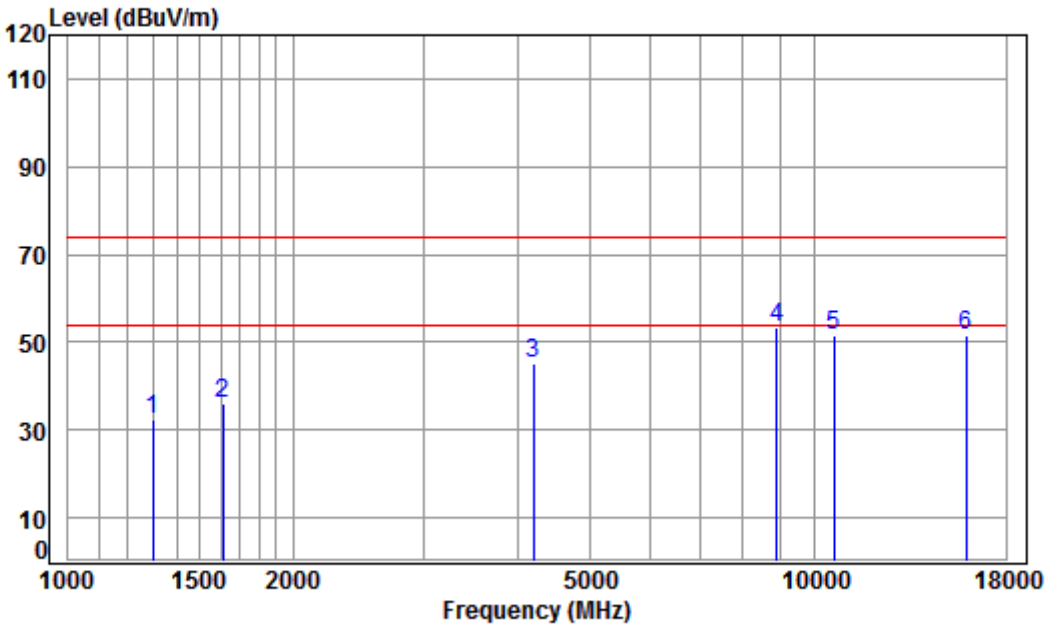
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:middle




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5300 TX RSE
Note : 5G WIFI 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 | 1129.072 | 3.97 | 24.12 | 38.08 | 43.23 | 33.24 | 74.00 | -40.76 | peak |
| 2 | 1606.441 | 4.60 | 26.28 | 38.03 | 42.47 | 35.32 | 74.00 | -38.68 | peak |
| 3 | 4267.237 | 7.02 | 33.60 | 38.14 | 44.96 | 47.44 | 74.00 | -26.56 | peak |
| 4 pp | 8891.725 | 10.60 | 36.47 | 35.50 | 40.50 | 52.07 | 74.00 | -21.93 | peak |
| 5 | 10600.000 | 11.94 | 37.22 | 35.21 | 37.24 | 51.19 | 74.00 | -22.81 | peak |
| 6 | 15900.000 | 15.56 | 41.24 | 37.91 | 31.45 | 50.34 | 74.00 | -23.66 | peak |

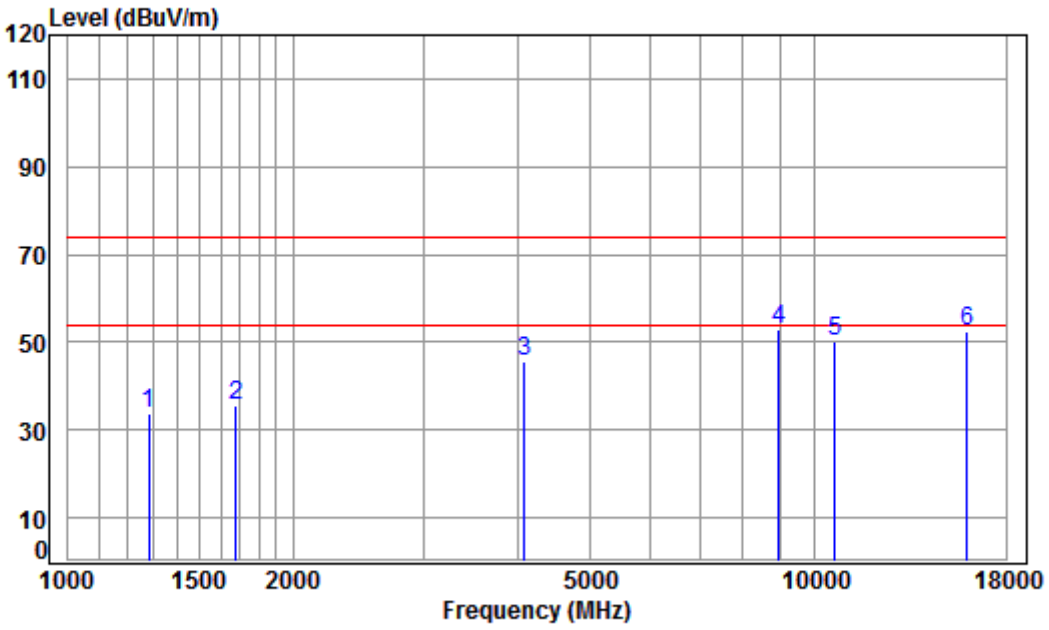
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:middle




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5300 TX RSE
Note : 5G WIFI 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 | 1300.858 | 4.22 | 24.96 | 38.06 | 41.50 | 32.62 | 74.00 | -41.38 | peak |
| 2 | 1611.091 | 4.60 | 26.30 | 38.03 | 43.01 | 35.88 | 74.00 | -38.12 | peak |
| 3 | 4193.872 | 6.93 | 33.60 | 38.11 | 42.87 | 45.29 | 74.00 | -28.71 | peak |
| 4 pp | 8891.725 | 10.60 | 36.47 | 35.50 | 41.69 | 53.26 | 74.00 | -20.74 | peak |
| 5 | 10600.000 | 11.94 | 37.22 | 35.21 | 37.53 | 51.48 | 74.00 | -22.52 | peak |
| 6 | 15900.000 | 15.56 | 41.24 | 37.91 | 32.80 | 51.69 | 74.00 | -22.31 | peak |

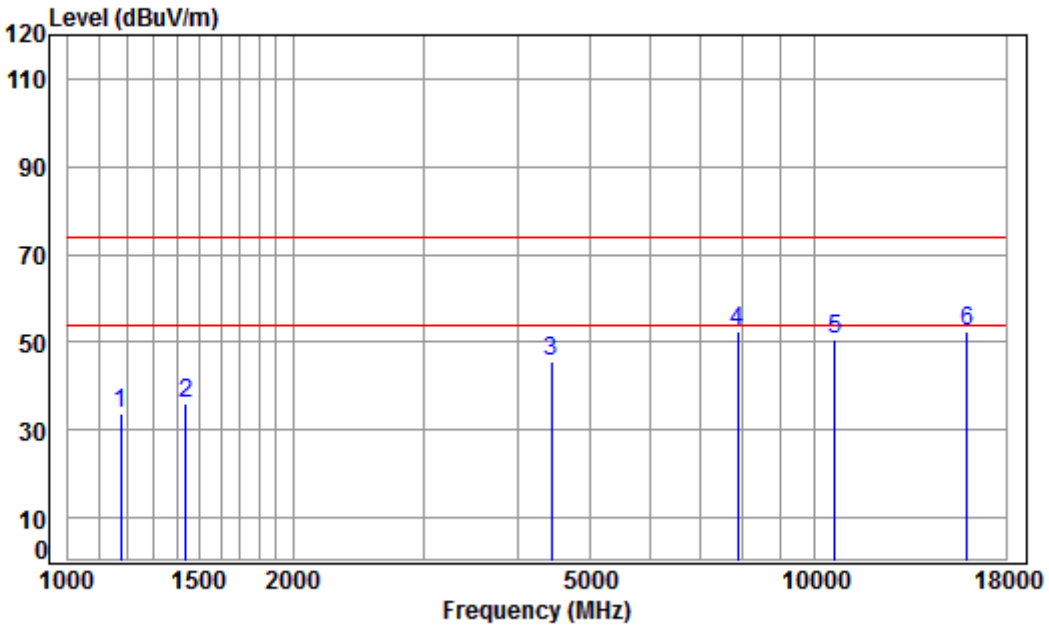
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5320 TX RSE
Note : 5G WIFI 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 | 1282.193 | 4.20 | 24.87 | 38.06 | 42.64 | 33.65 | 74.00 | -40.35 | peak |
| 2 | 1677.621 | 4.68 | 26.58 | 38.03 | 42.35 | 35.58 | 74.00 | -38.42 | peak |
| 3 | 4086.182 | 6.80 | 33.60 | 38.05 | 43.40 | 45.75 | 74.00 | -28.25 | peak |
| 4 pp | 8943.274 | 10.64 | 36.53 | 35.45 | 41.21 | 52.93 | 74.00 | -21.07 | peak |
| 5 | 10640.000 | 11.97 | 37.27 | 35.23 | 36.23 | 50.24 | 74.00 | -23.76 | peak |
| 6 | 15960.000 | 15.61 | 41.22 | 37.84 | 33.68 | 52.67 | 74.00 | -21.33 | peak |

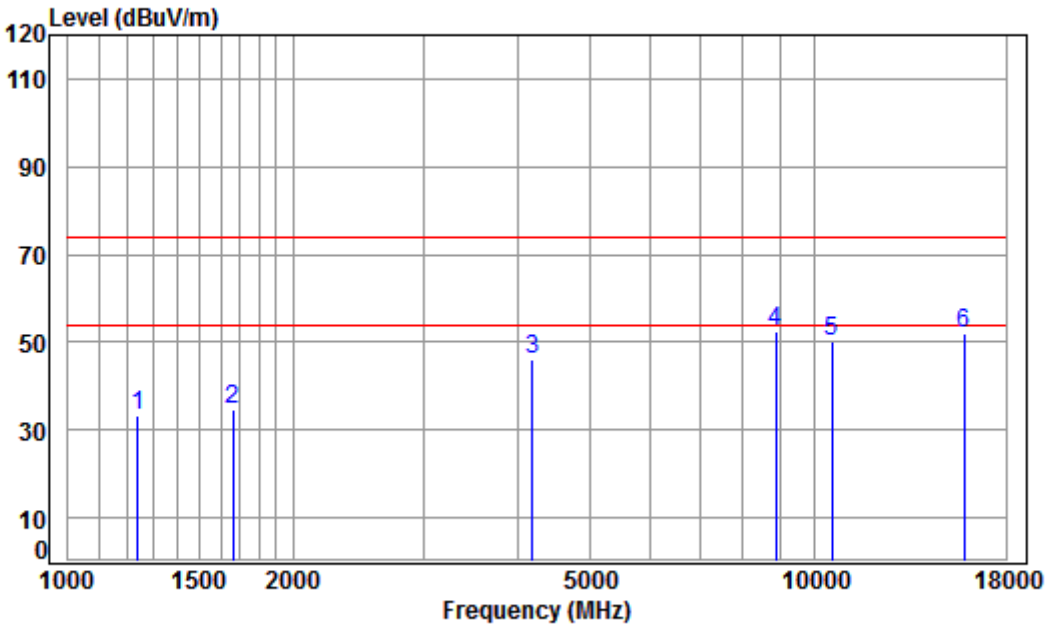
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5320 TX RSE
Note : 5G WIFI 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 | 1175.697 | 4.04 | 24.36 | 38.08 | 43.57 | 33.89 | 74.00 | -40.11 | peak |
| 2 | 1439.343 | 4.40 | 25.56 | 38.05 | 44.11 | 36.02 | 74.00 | -37.98 | peak |
| 3 | 4430.628 | 7.20 | 33.60 | 38.23 | 43.13 | 45.70 | 74.00 | -28.30 | peak |
| 4 | pp 7875.254 | 9.99 | 36.53 | 36.51 | 42.64 | 52.65 | 74.00 | -21.35 | peak |
| 5 | 10640.000 | 11.97 | 37.27 | 35.23 | 36.46 | 50.47 | 74.00 | -23.53 | peak |
| 6 | 15960.000 | 15.61 | 41.22 | 37.84 | 33.36 | 52.35 | 74.00 | -21.65 | peak |

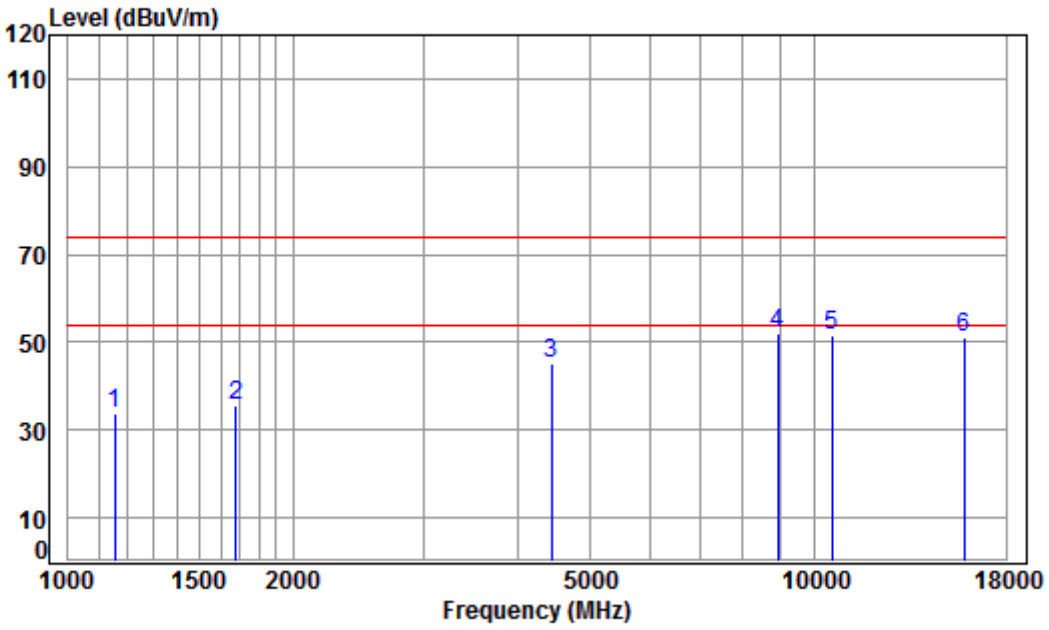
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5270 TX RSE
Note : 5G WIFI 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 | 1242.068 | 4.14 | 24.68 | 38.07 | 42.40 | 33.15 | 74.00 | -40.85 | peak |
| 2 | 1663.137 | 4.66 | 26.52 | 38.03 | 41.70 | 34.85 | 74.00 | -39.15 | peak |
| 3 | 4181.768 | 6.92 | 33.60 | 38.10 | 43.53 | 45.95 | 74.00 | -28.05 | peak |
| 4 pp | 8866.062 | 10.58 | 36.44 | 35.53 | 40.90 | 52.39 | 74.00 | -21.61 | peak |
| 5 | 10540.000 | 11.89 | 37.15 | 35.18 | 36.47 | 50.33 | 74.00 | -23.67 | peak |
| 6 | 15810.000 | 15.49 | 41.28 | 38.00 | 33.13 | 51.90 | 74.00 | -22.10 | peak |

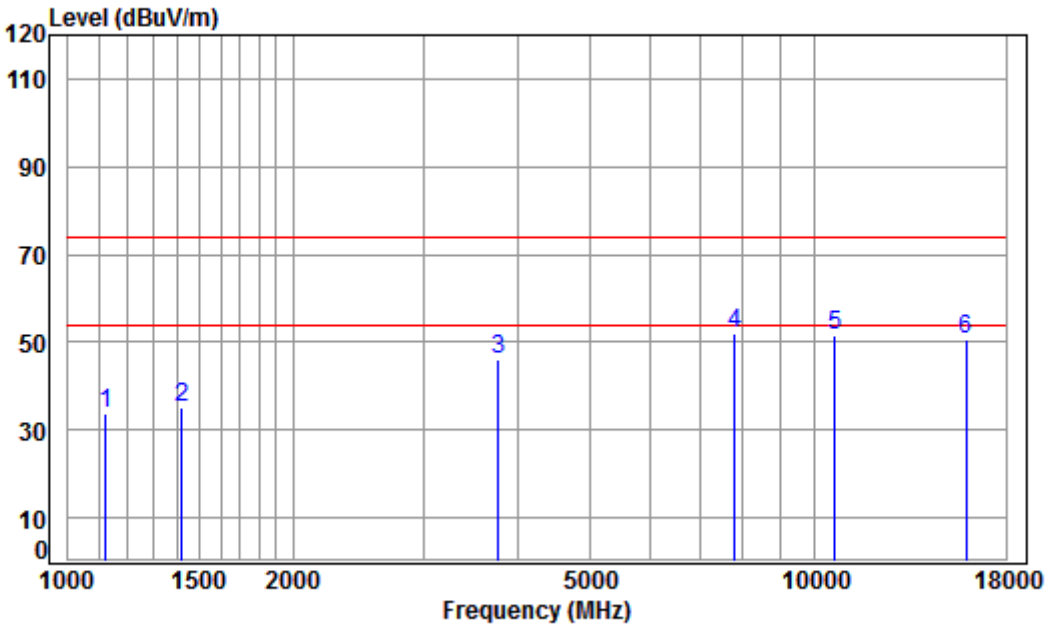
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5270 TX RSE
Note : 5G WIFI 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 | 1155.483 | 4.01 | 24.26 | 38.08 | 43.47 | 33.66 | 74.00 | -40.34 | peak |
| 2 | 1677.621 | 4.68 | 26.58 | 38.03 | 42.17 | 35.40 | 74.00 | -38.60 | peak |
| 3 | 4443.453 | 7.22 | 33.60 | 38.24 | 42.79 | 45.37 | 74.00 | -28.63 | peak |
| 4 pp | 8917.462 | 10.62 | 36.50 | 35.48 | 40.48 | 52.12 | 74.00 | -21.88 | peak |
| 5 | 10540.000 | 11.89 | 37.15 | 35.18 | 37.63 | 51.49 | 74.00 | -22.51 | peak |
| 6 | 15810.000 | 15.49 | 41.28 | 38.00 | 32.26 | 51.03 | 74.00 | -22.97 | peak |

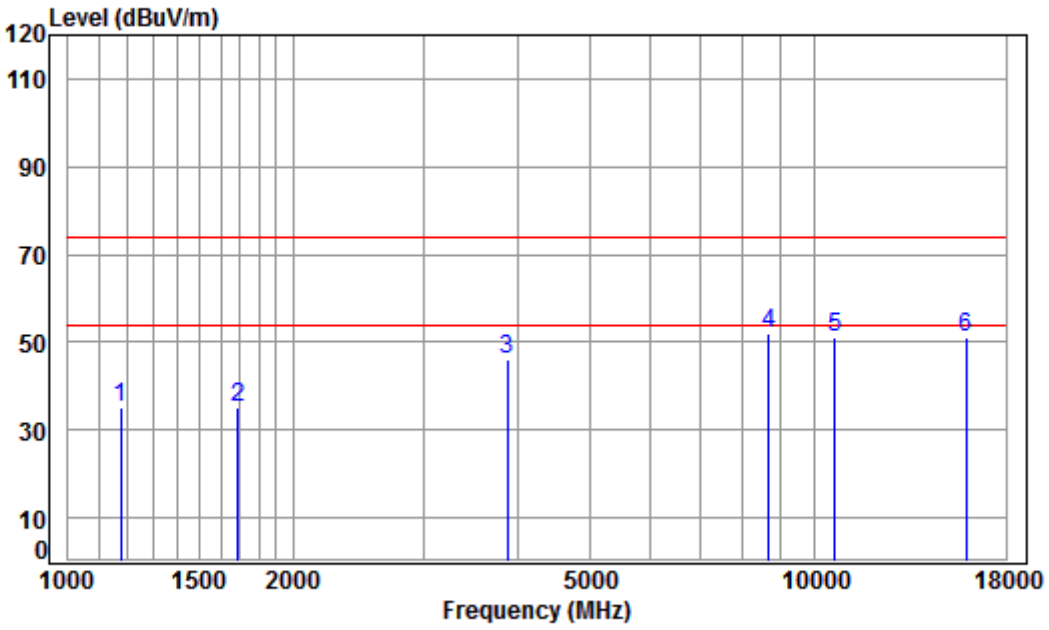
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5310 TX RSE
Note : 5G WIFI 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 | 1122.563 | 3.96 | 24.08 | 38.08 | 43.62 | 33.58 | 74.00 | -40.42 | peak |
| 2 | 1422.798 | 4.38 | 25.49 | 38.05 | 43.54 | 35.36 | 74.00 | -38.64 | peak |
| 3 | 3768.513 | 6.52 | 32.97 | 37.98 | 44.65 | 46.16 | 74.00 | -27.84 | peak |
| 4 pp | 7807.262 | 9.97 | 36.49 | 36.56 | 42.15 | 52.05 | 74.00 | -21.95 | peak |
| 5 | 10620.000 | 11.96 | 37.25 | 35.22 | 37.54 | 51.53 | 74.00 | -22.47 | peak |
| 6 | 15930.000 | 15.59 | 41.23 | 37.87 | 31.72 | 50.67 | 74.00 | -23.33 | peak |

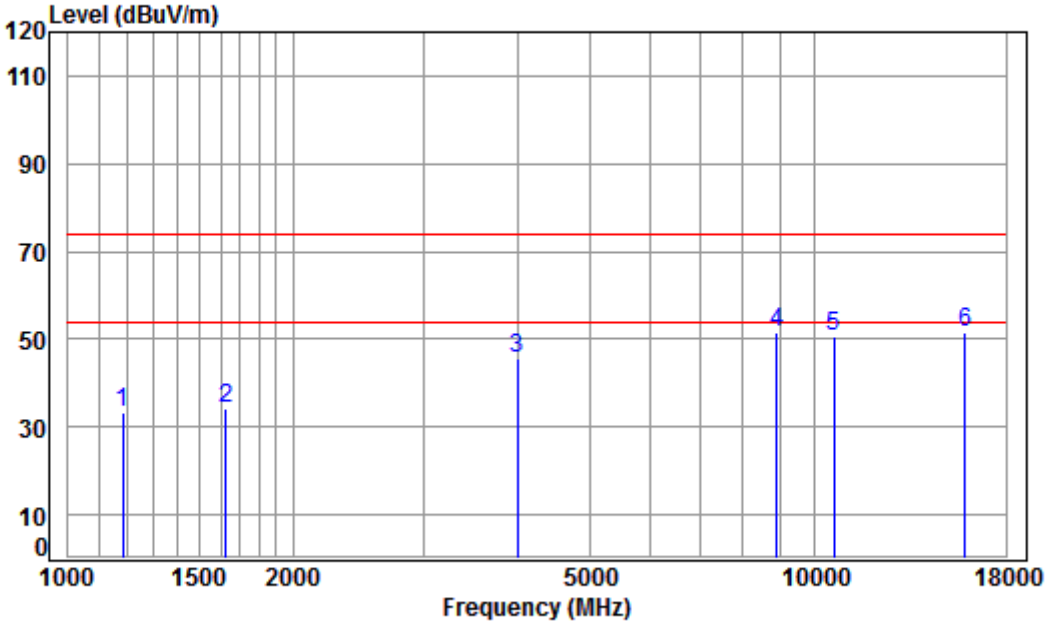
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5310 TX RSE
Note : 5G WIFI 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 | 1175.697 | 4.04 | 24.36 | 38.08 | 44.65 | 34.97 | 74.00 | -39.03 | peak |
| 2 | 1687.347 | 4.69 | 26.62 | 38.02 | 41.69 | 34.98 | 74.00 | -39.02 | peak |
| 3 | 3867.831 | 6.60 | 33.25 | 37.99 | 44.01 | 45.87 | 74.00 | -28.13 | peak |
| 4 pp | 8663.404 | 10.43 | 36.20 | 35.72 | 41.02 | 51.93 | 74.00 | -22.07 | peak |
| 5 | 10620.000 | 11.96 | 37.25 | 35.22 | 37.16 | 51.15 | 74.00 | -22.85 | peak |
| 6 | 15930.000 | 15.59 | 41.23 | 37.87 | 32.21 | 51.16 | 74.00 | -22.84 | peak |

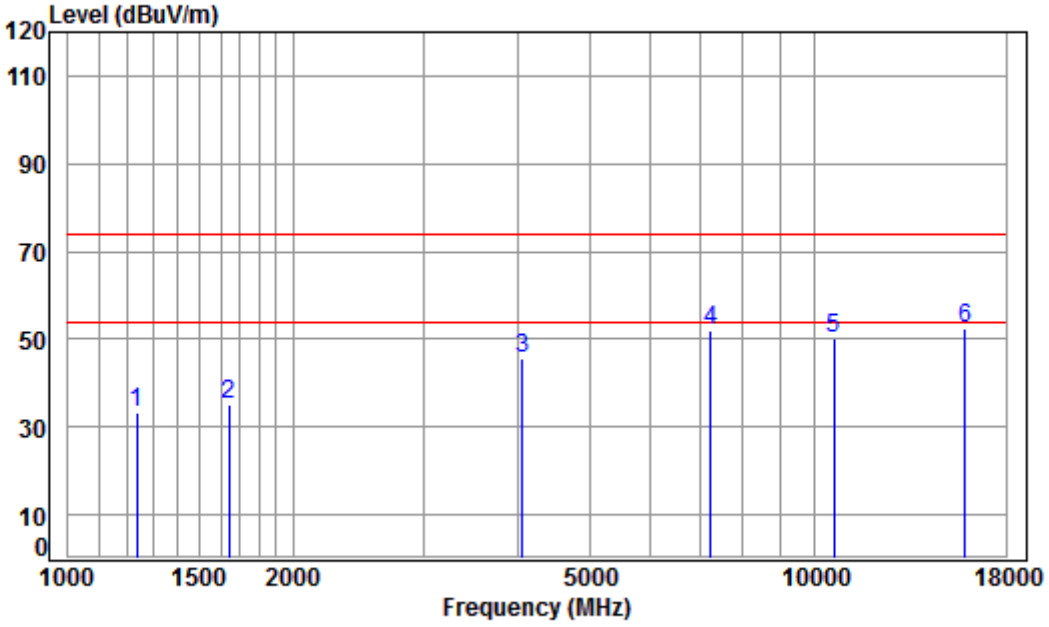
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:80MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5290 TX RSE
Note : 5G WIFI 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 | 1182.513 | 4.05 | 24.39 | 38.08 | 42.89 | 33.25 | 74.00 | -40.75 | peak |
| 2 | 1625.121 | 4.62 | 26.36 | 38.03 | 41.23 | 34.18 | 74.00 | -39.82 | peak |
| 3 | 3992.781 | 6.69 | 33.58 | 38.00 | 43.20 | 45.47 | 74.00 | -28.53 | peak |
| 4 pp | 8891.725 | 10.60 | 36.47 | 35.50 | 40.20 | 51.77 | 74.00 | -22.23 | peak |
| 5 | 10580.000 | 11.93 | 37.20 | 35.20 | 36.90 | 50.83 | 74.00 | -23.17 | peak |
| 6 | 15870.000 | 15.54 | 41.25 | 37.94 | 32.78 | 51.63 | 74.00 | -22.37 | peak |

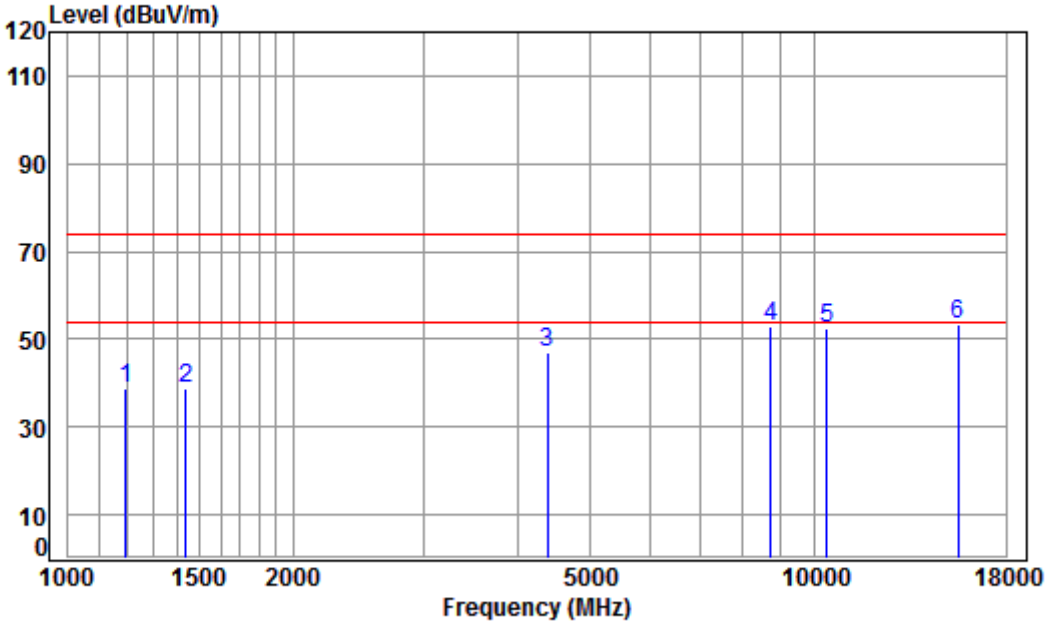
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:80MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5290 TX RSE
Note : 5G WIFI 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 | 1234.909 | 4.13 | 24.65 | 38.07 | 42.49 | 33.20 | 74.00 | -40.80 | peak |
| 2 | 1644.019 | 4.64 | 26.44 | 38.03 | 42.28 | 35.33 | 74.00 | -38.67 | peak |
| 3 | 4050.904 | 6.76 | 33.60 | 38.03 | 43.52 | 45.85 | 74.00 | -28.15 | peak |
| 4 | 7242.052 | 9.68 | 36.40 | 37.07 | 42.78 | 51.79 | 74.00 | -22.21 | peak |
| 5 | 10580.000 | 11.93 | 37.20 | 35.20 | 36.44 | 50.37 | 74.00 | -23.63 | peak |
| 6 | pp15870.000 | 15.54 | 41.25 | 37.94 | 33.54 | 52.39 | 74.00 | -21.61 | peak |

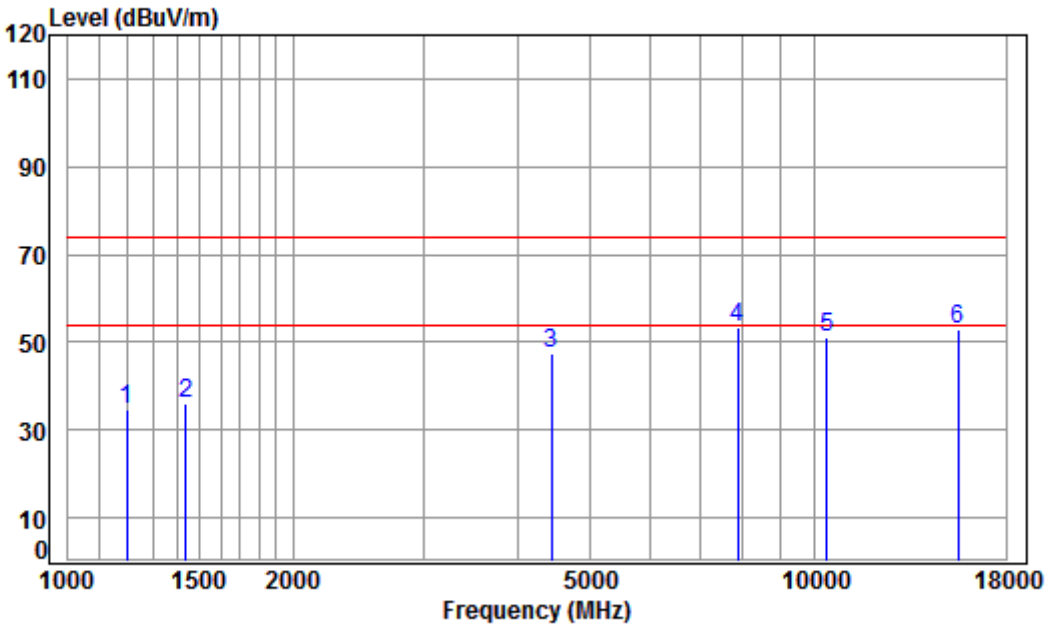
Mode:I; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5180 TX SE
Note : 5G WiFi-11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1196.264 | 4.07 | 24.46 | 38.07 | 48.23 | 38.69 | 74.00 | -35.31 | peak |
| 2 | 1439.343 | 4.40 | 25.56 | 38.05 | 46.65 | 38.56 | 74.00 | -35.44 | peak |
| 3 | 4379.699 | 7.15 | 33.60 | 38.20 | 44.57 | 47.12 | 74.00 | -26.88 | peak |
| 4 | 8713.630 | 10.47 | 36.26 | 35.67 | 41.99 | 53.05 | 74.00 | -20.95 | peak |
| 5 | 10360.000 | 11.74 | 37.24 | 35.09 | 38.52 | 52.41 | 74.00 | -21.59 | peak |
| 6 | pp15540.000 | 15.28 | 41.38 | 38.30 | 35.05 | 53.41 | 74.00 | -20.59 | peak |

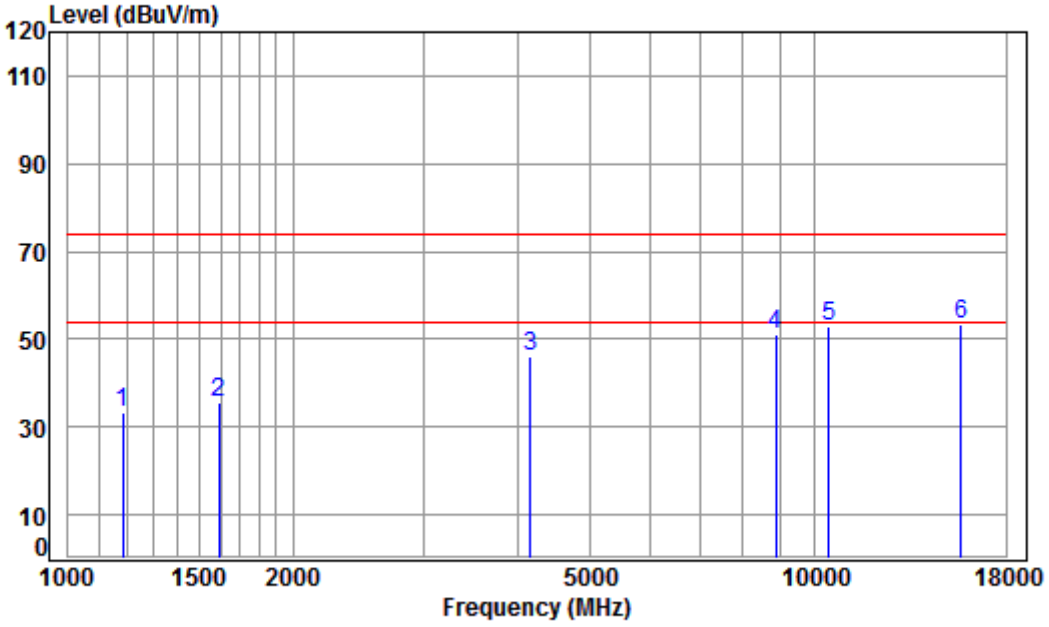
Mode:I; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low




Condition: 3m Vertical
Job No : 06616CR/06617CR
Mode : 5180 TX SE
Note : 5G WiFi-11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1199.726 | 4.08 | 24.48 | 38.07 | 44.35 | 34.84 | 74.00 | -39.16 | peak |
| 2 | 1439.343 | 4.40 | 25.56 | 38.05 | 44.29 | 36.20 | 74.00 | -37.80 | peak |
| 3 | 4430.628 | 7.20 | 33.60 | 38.23 | 44.77 | 47.34 | 74.00 | -26.66 | peak |
| 4 pp | 7875.254 | 9.99 | 36.53 | 36.51 | 43.18 | 53.19 | 74.00 | -20.81 | peak |
| 5 | 10360.000 | 11.74 | 37.24 | 35.09 | 37.33 | 51.22 | 74.00 | -22.78 | peak |
| 6 | 15540.000 | 15.28 | 41.38 | 38.30 | 34.61 | 52.97 | 74.00 | -21.03 | peak |

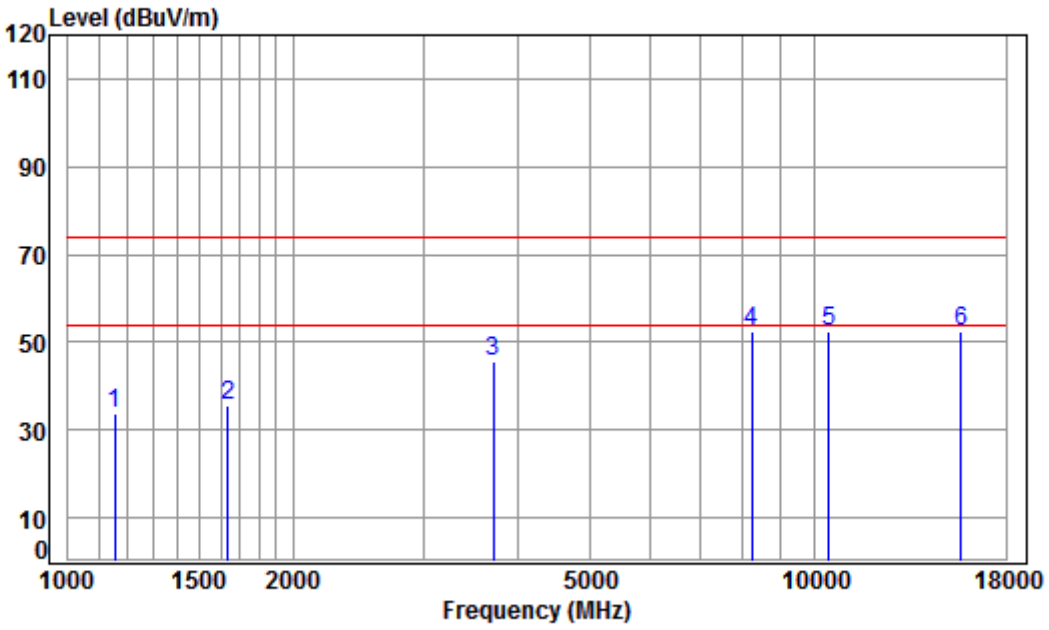
Mode:I; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:middle




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5220 TX SE
Note : 5G WiFi-11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1182.513 | 4.05 | 24.39 | 38.08 | 42.80 | 33.16 | 74.00 | -40.84 | peak |
| 2 | 1592.571 | 4.58 | 26.22 | 38.03 | 42.86 | 35.63 | 74.00 | -38.37 | peak |
| 3 | 4157.664 | 6.89 | 33.60 | 38.09 | 43.58 | 45.98 | 74.00 | -28.02 | peak |
| 4 | 8866.062 | 10.58 | 36.44 | 35.53 | 39.71 | 51.20 | 74.00 | -22.80 | peak |
| 5 | 10440.000 | 11.81 | 37.16 | 35.13 | 38.93 | 52.77 | 74.00 | -21.23 | peak |
| 6 | pp15660.000 | 15.38 | 41.34 | 38.17 | 34.98 | 53.53 | 74.00 | -20.47 | peak |

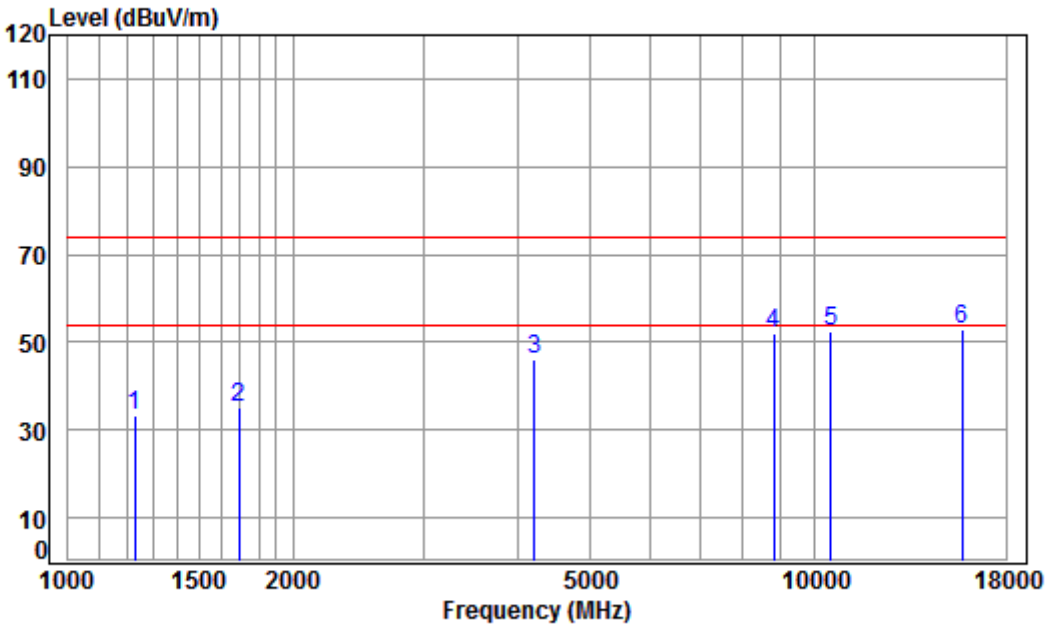
Mode:I; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:middle




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5220 TX SE
Note : 5G WiFi-11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1155.483 | 4.01 | 24.26 | 38.08 | 43.73 | 33.92 | 74.00 | -40.08 | peak |
| 2 | 1639.274 | 4.64 | 26.42 | 38.03 | 42.69 | 35.72 | 74.00 | -38.28 | peak |
| 3 | 3714.443 | 6.48 | 32.82 | 37.97 | 44.40 | 45.73 | 74.00 | -28.27 | peak |
| 4 pp | 8224.200 | 10.16 | 36.33 | 36.17 | 42.36 | 52.68 | 74.00 | -21.32 | peak |
| 5 | 10440.000 | 11.81 | 37.16 | 35.13 | 38.69 | 52.53 | 74.00 | -21.47 | peak |
| 6 | 15660.000 | 15.38 | 41.34 | 38.17 | 34.02 | 52.57 | 74.00 | -21.43 | peak |

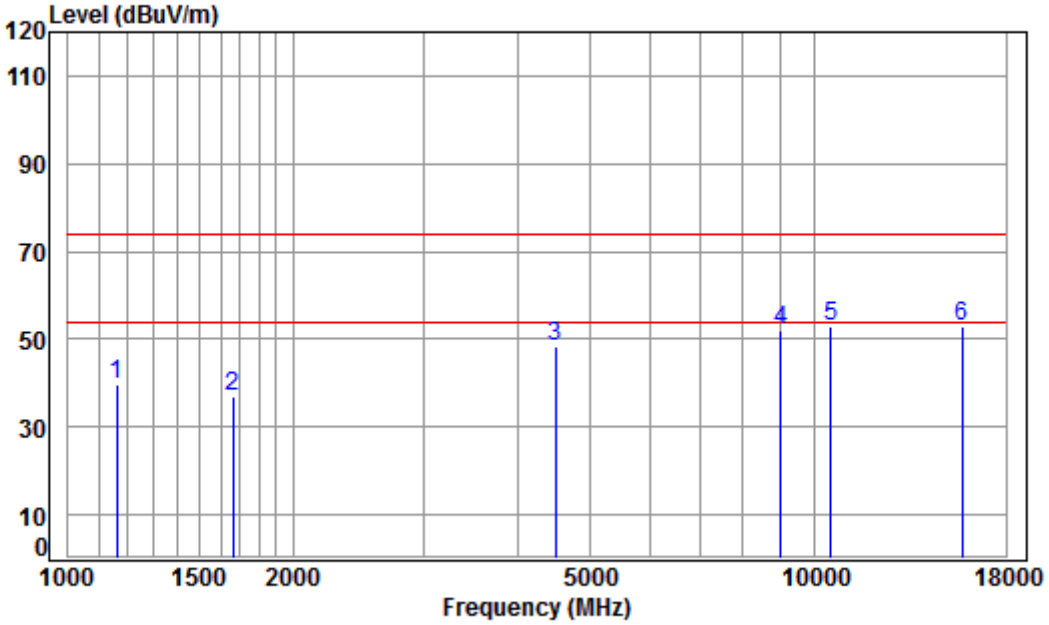
Mode:I; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5240 TX SE
Note : 5G WiFi-11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1227.791 | 4.12 | 24.61 | 38.07 | 42.80 | 33.46 | 74.00 | -40.54 | peak |
| 2 | 1692.231 | 4.70 | 26.64 | 38.02 | 41.91 | 35.23 | 74.00 | -38.77 | peak |
| 3 | 4206.011 | 6.95 | 33.60 | 38.11 | 43.67 | 46.11 | 74.00 | -27.89 | peak |
| 4 | 8814.957 | 10.55 | 36.38 | 35.58 | 40.81 | 52.16 | 74.00 | -21.84 | peak |
| 5 | 10480.000 | 11.84 | 37.12 | 35.15 | 38.54 | 52.35 | 74.00 | -21.65 | peak |
| 6 | pp15720.000 | 15.42 | 41.31 | 38.10 | 34.45 | 53.08 | 74.00 | -20.92 | peak |

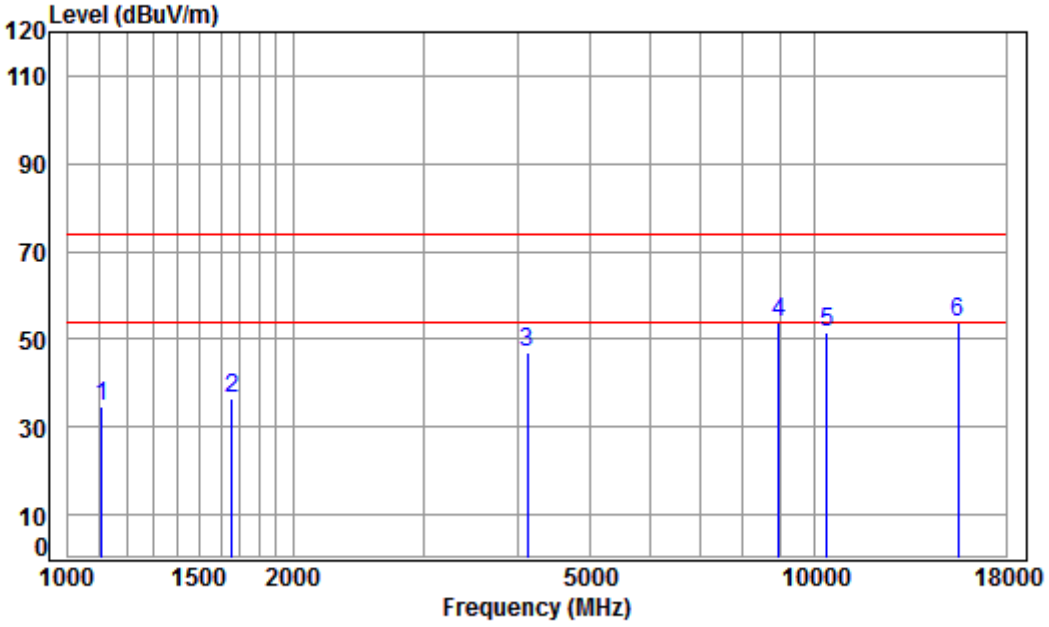
Mode:I; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5240 TX SE
Note : 5G WiFi-11A

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1162.182 | 4.02 | 24.29 | 38.08 | 49.27 | 39.50 | 74.00 | -34.50 | peak |
| 2 | 1663.137 | 4.66 | 26.52 | 38.03 | 43.63 | 36.78 | 74.00 | -37.22 | peak |
| 3 | 4495.125 | 7.27 | 33.60 | 38.26 | 45.60 | 48.21 | 74.00 | -25.79 | peak |
| 4 | 8995.123 | 10.68 | 36.59 | 35.40 | 40.19 | 52.06 | 74.00 | -21.94 | peak |
| 5 | pp10480.000 | 11.84 | 37.12 | 35.15 | 38.95 | 52.76 | 74.00 | -21.24 | peak |
| 6 | 15720.000 | 15.42 | 41.31 | 38.10 | 34.10 | 52.73 | 74.00 | -21.27 | peak |

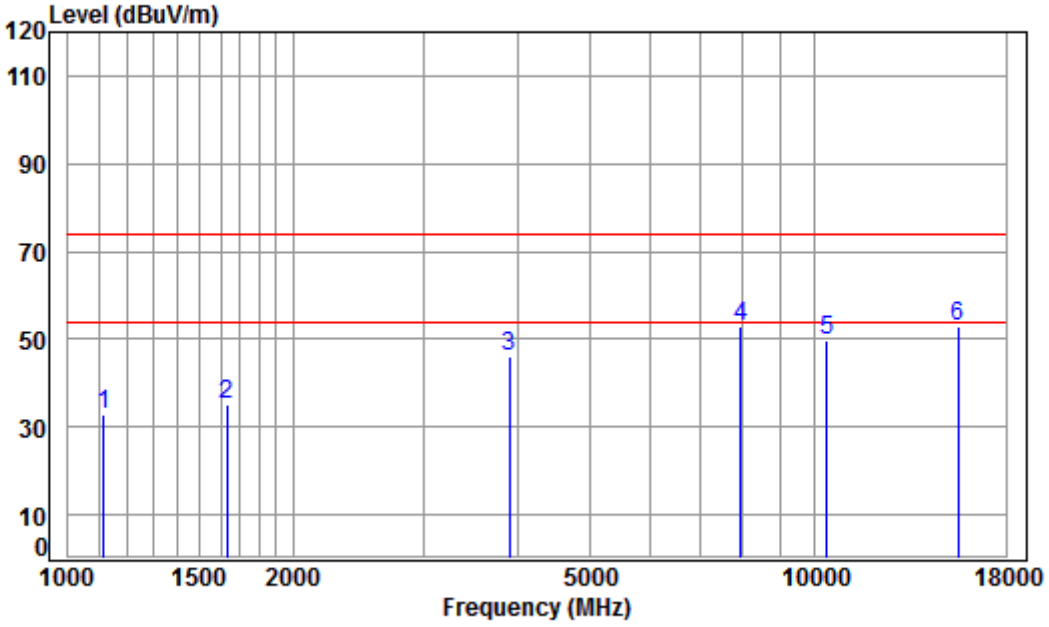
Mode:I; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5180 TX SE
Note : 5G WiFi-11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1109.660 | 3.94 | 24.02 | 38.08 | 44.96 | 34.84 | 74.00 | -39.16 | peak |
| 2 | 1658.337 | 4.66 | 26.50 | 38.03 | 43.44 | 36.57 | 74.00 | -37.43 | peak |
| 3 | 4121.768 | 6.85 | 33.60 | 38.07 | 44.52 | 46.90 | 74.00 | -27.10 | peak |
| 4 | pp 8943.274 | 10.64 | 36.53 | 35.45 | 42.15 | 53.87 | 74.00 | -20.13 | peak |
| 5 | 10360.000 | 11.74 | 37.24 | 35.09 | 37.83 | 51.72 | 74.00 | -22.28 | peak |
| 6 | 15540.000 | 15.28 | 41.38 | 38.30 | 35.32 | 53.68 | 74.00 | -20.32 | peak |

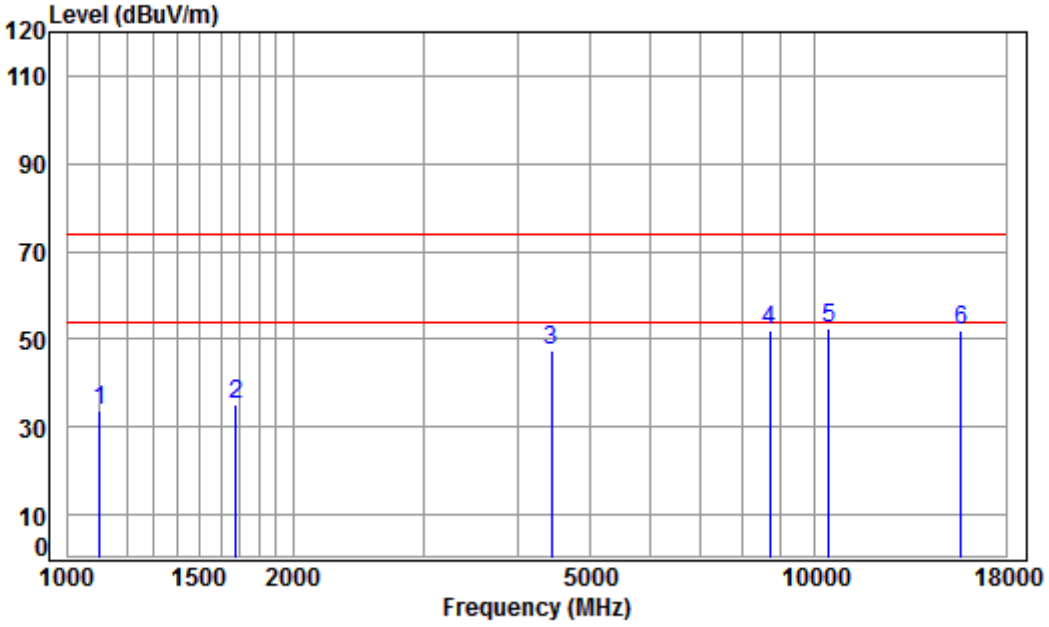
Mode:I; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5180 TX SE
Note : 5G WiFi-11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1116.093 | 3.95 | 24.05 | 38.08 | 42.89 | 32.81 | 74.00 | -41.19 | peak |
| 2 | 1634.543 | 4.63 | 26.40 | 38.03 | 41.99 | 34.99 | 74.00 | -39.01 | peak |
| 3 | 3901.516 | 6.63 | 33.34 | 37.99 | 44.01 | 45.99 | 74.00 | -28.01 | peak |
| 4 | 7943.838 | 10.02 | 36.57 | 36.45 | 42.58 | 52.72 | 74.00 | -21.28 | peak |
| 5 | 10360.000 | 11.74 | 37.24 | 35.09 | 35.65 | 49.54 | 74.00 | -24.46 | peak |
| 6 | pp15540.000 | 15.28 | 41.38 | 38.30 | 34.37 | 52.73 | 74.00 | -21.27 | peak |

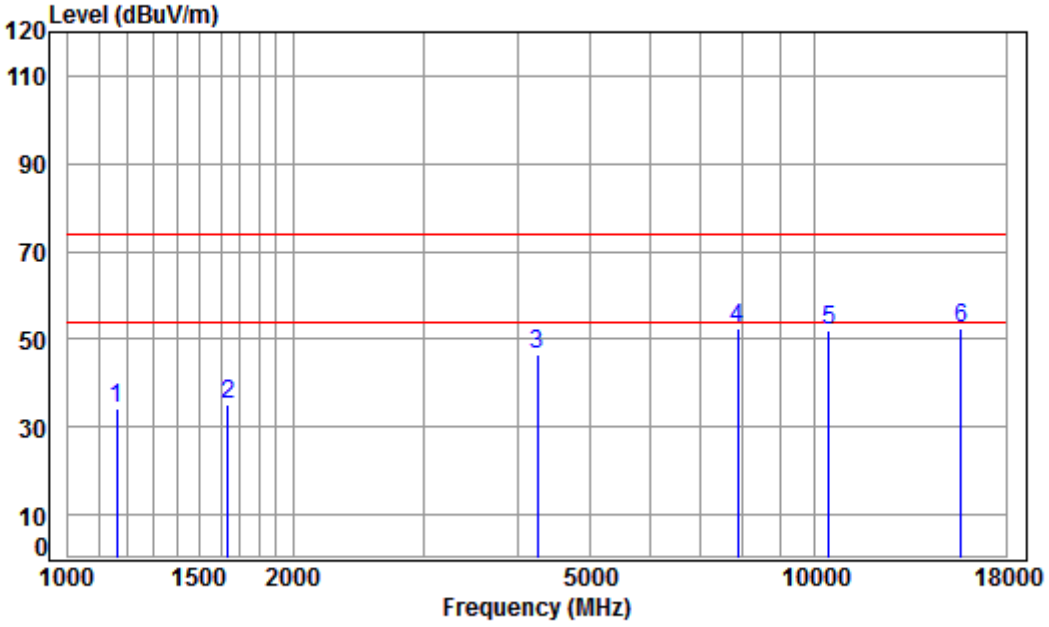
Mode:I; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:middle




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5220 TX SE
Note : 5G WiFi-11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1103.264 | 3.93 | 23.98 | 38.09 | 43.74 | 33.56 | 74.00 | -40.44 | peak |
| 2 | 1677.621 | 4.68 | 26.58 | 38.03 | 42.02 | 35.25 | 74.00 | -38.75 | peak |
| 3 | 4430.628 | 7.20 | 33.60 | 38.23 | 44.66 | 47.23 | 74.00 | -26.77 | peak |
| 4 | 8688.480 | 10.45 | 36.23 | 35.70 | 41.21 | 52.19 | 74.00 | -21.81 | peak |
| 5 | pp10440.000 | 11.81 | 37.16 | 35.13 | 38.82 | 52.66 | 74.00 | -21.34 | peak |
| 6 | 15660.000 | 15.38 | 41.34 | 38.17 | 33.68 | 52.23 | 74.00 | -21.77 | peak |

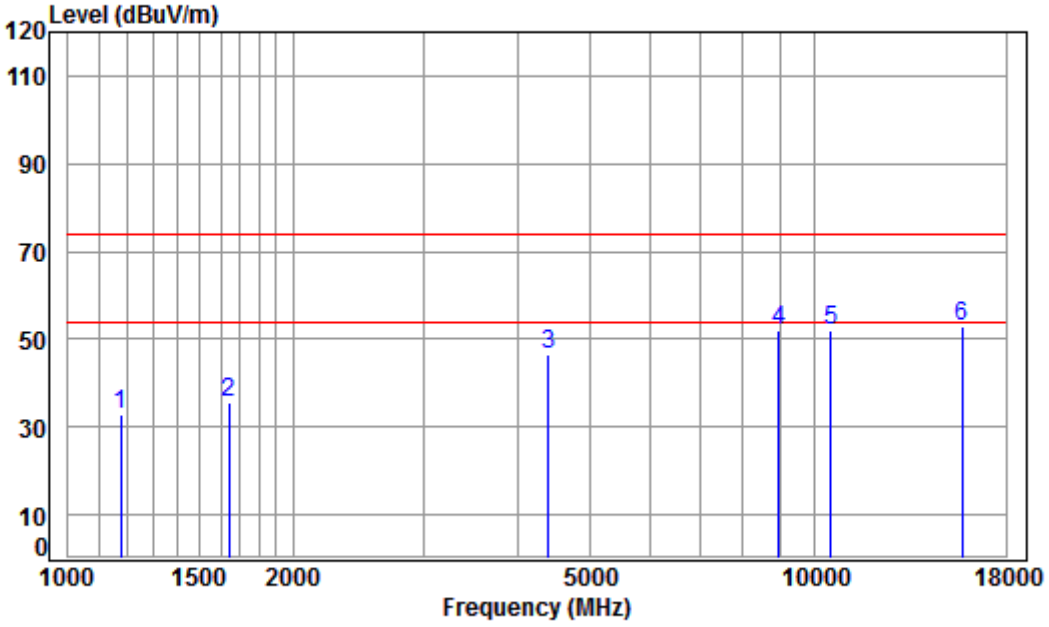
Mode:I; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:middle




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5220 TX SE
Note : 5G WiFi-11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1162.182 | 4.02 | 24.29 | 38.08 | 44.05 | 34.28 | 74.00 | -39.72 | peak |
| 2 | 1639.274 | 4.64 | 26.42 | 38.03 | 42.33 | 35.36 | 74.00 | -38.64 | peak |
| 3 | 4254.921 | 7.00 | 33.60 | 38.14 | 43.88 | 46.34 | 74.00 | -27.66 | peak |
| 4 | pp 7875.254 | 9.99 | 36.53 | 36.51 | 42.52 | 52.53 | 74.00 | -21.47 | peak |
| 5 | 10440.000 | 11.81 | 37.16 | 35.13 | 38.14 | 51.98 | 74.00 | -22.02 | peak |
| 6 | 15660.000 | 15.38 | 41.34 | 38.17 | 33.70 | 52.25 | 74.00 | -21.75 | peak |

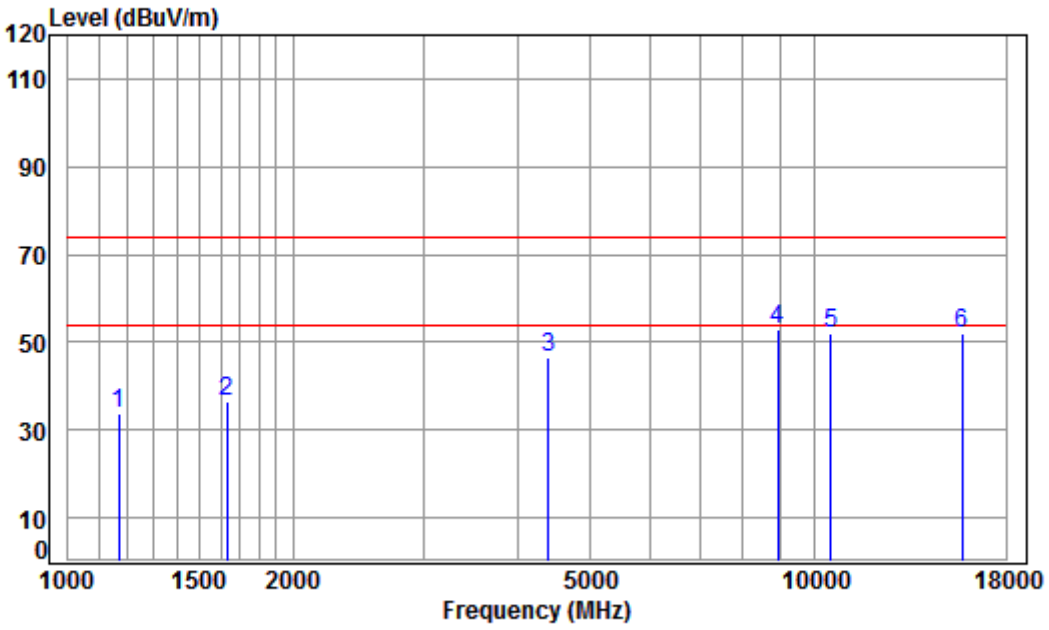
Mode:I; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5240 TX SE
Note : 5G WiFi-11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1175.697 | 4.04 | 24.36 | 38.08 | 42.53 | 32.85 | 74.00 | -41.15 | peak |
| 2 | 1644.019 | 4.64 | 26.44 | 38.03 | 42.39 | 35.44 | 74.00 | -38.56 | peak |
| 3 | 4392.376 | 7.16 | 33.60 | 38.21 | 44.03 | 46.58 | 74.00 | -27.42 | peak |
| 4 | 8943.274 | 10.64 | 36.53 | 35.45 | 40.33 | 52.05 | 74.00 | -21.95 | peak |
| 5 | 10480.000 | 11.84 | 37.12 | 35.15 | 38.22 | 52.03 | 74.00 | -21.97 | peak |
| 6 | pp15720.000 | 15.42 | 41.31 | 38.10 | 34.42 | 53.05 | 74.00 | -20.95 | peak |

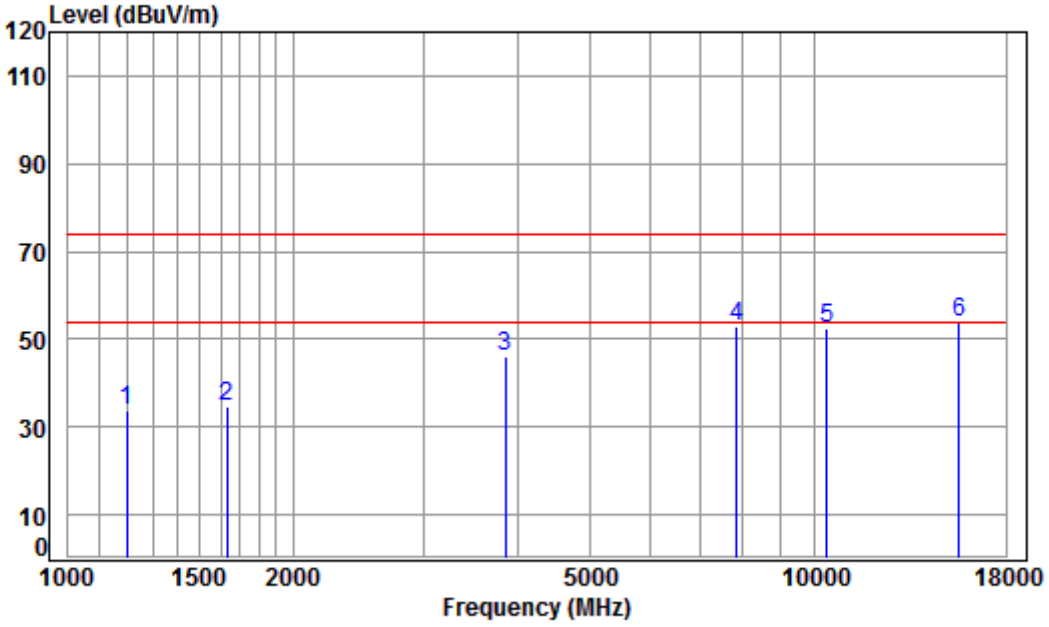
Mode:I; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5240 TX SE
Note : 5G WiFi-11N20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1168.920 | 4.03 | 24.32 | 38.08 | 43.43 | 33.70 | 74.00 | -40.30 | peak |
| 2 | 1634.543 | 4.63 | 26.40 | 38.03 | 43.36 | 36.36 | 74.00 | -37.64 | peak |
| 3 | 4392.376 | 7.16 | 33.60 | 38.21 | 43.94 | 46.49 | 74.00 | -27.51 | peak |
| 4 | pp 8917.462 | 10.62 | 36.50 | 35.48 | 41.36 | 53.00 | 74.00 | -21.00 | peak |
| 5 | 10480.000 | 11.84 | 37.12 | 35.15 | 38.13 | 51.94 | 74.00 | -22.06 | peak |
| 6 | 15720.000 | 15.42 | 41.31 | 38.10 | 33.40 | 52.03 | 74.00 | -21.97 | peak |

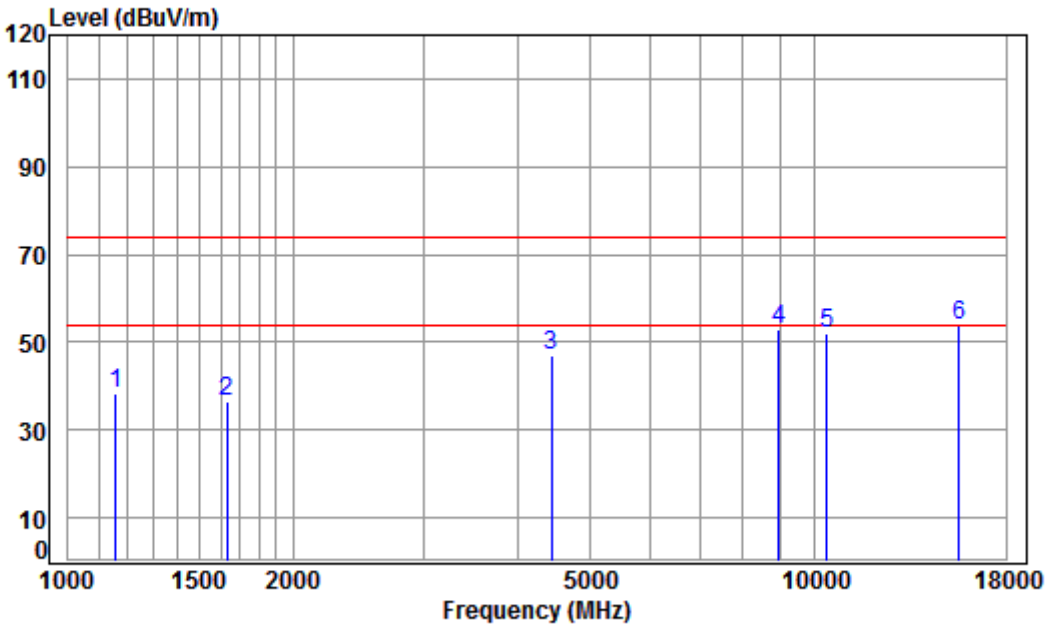
Mode:I; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5190 TX SE
Note : 5G WiFi-11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1199.726 | 4.08 | 24.48 | 38.07 | 43.47 | 33.96 | 74.00 | -40.04 | peak |
| 2 | 1629.825 | 4.63 | 26.38 | 38.03 | 41.73 | 34.71 | 74.00 | -39.29 | peak |
| 3 | 3845.537 | 6.58 | 33.19 | 37.99 | 44.25 | 46.03 | 74.00 | -27.97 | peak |
| 4 | 7852.524 | 9.99 | 36.51 | 36.53 | 43.06 | 53.03 | 74.00 | -20.97 | peak |
| 5 | 10380.000 | 11.76 | 37.22 | 35.10 | 38.67 | 52.55 | 74.00 | -21.45 | peak |
| 6 | pp15570.000 | 15.31 | 41.37 | 38.26 | 35.34 | 53.76 | 74.00 | -20.24 | peak |

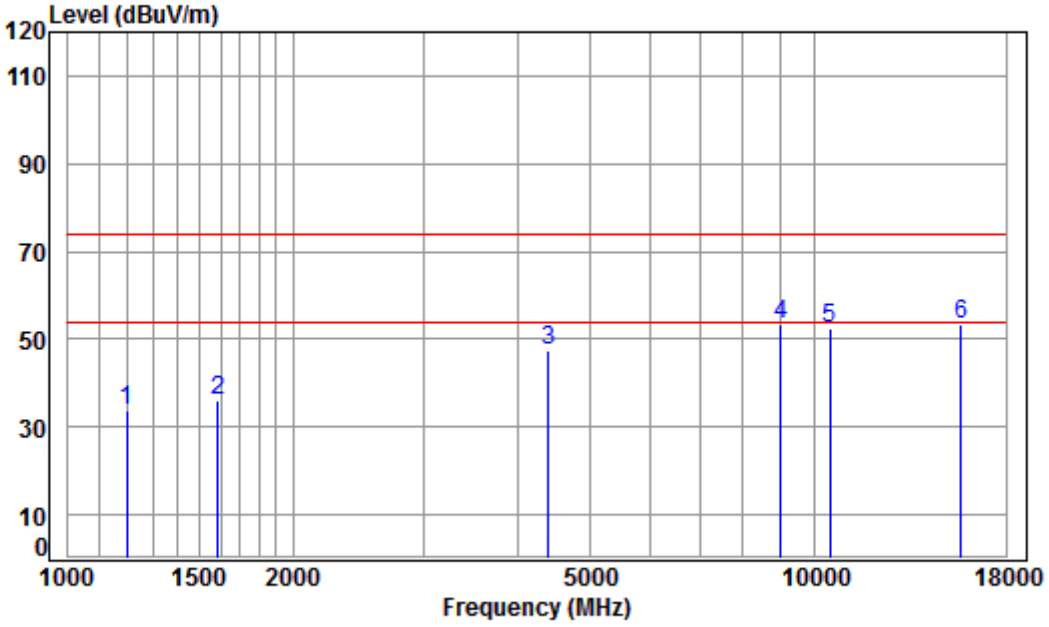
Mode:I; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5190 TX SE
Note : 5G WiFi-11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1158.828 | 4.02 | 24.27 | 38.08 | 48.13 | 38.34 | 74.00 | -35.66 | peak |
| 2 | 1634.543 | 4.63 | 26.40 | 38.03 | 43.36 | 36.36 | 74.00 | -37.64 | peak |
| 3 | 4430.628 | 7.20 | 33.60 | 38.23 | 44.51 | 47.08 | 74.00 | -26.92 | peak |
| 4 | 8943.274 | 10.64 | 36.53 | 35.45 | 41.39 | 53.11 | 74.00 | -20.89 | peak |
| 5 | 10380.000 | 11.76 | 37.22 | 35.10 | 38.13 | 52.01 | 74.00 | -21.99 | peak |
| 6 | pp15570.000 | 15.31 | 41.37 | 38.26 | 35.36 | 53.78 | 74.00 | -20.22 | peak |

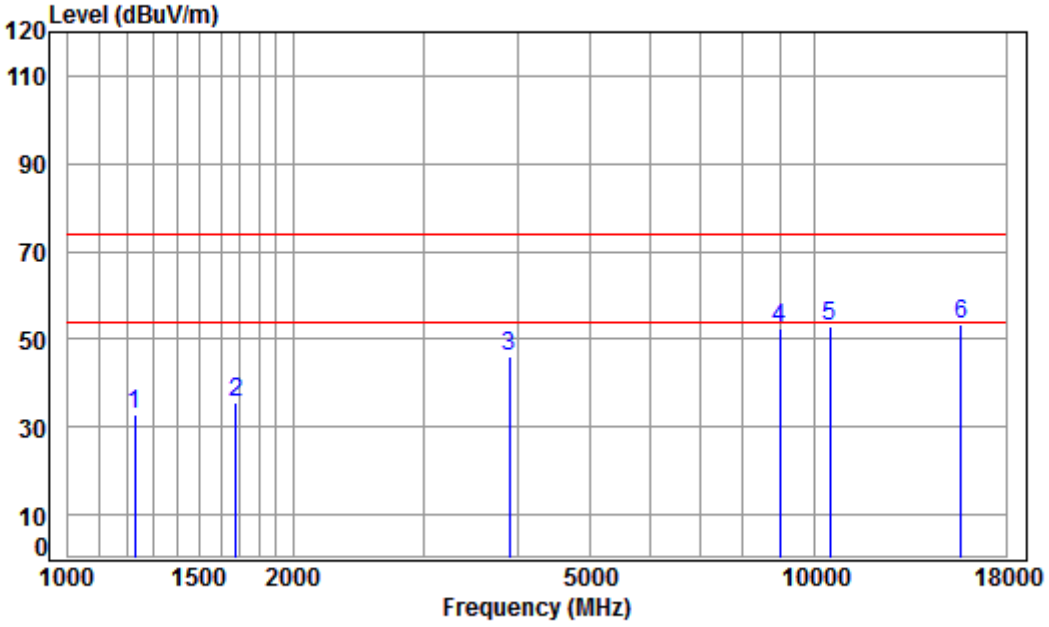
Mode:I; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5230 TX SE
Note : 5G WiFi-11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1199.726 | 4.08 | 24.48 | 38.07 | 43.47 | 33.96 | 74.00 | -40.04 | peak |
| 2 | 1587.975 | 4.58 | 26.20 | 38.03 | 43.20 | 35.95 | 74.00 | -38.05 | peak |
| 3 | 4392.376 | 7.16 | 33.60 | 38.21 | 44.77 | 47.32 | 74.00 | -26.68 | peak |
| 4 | 8995.123 | 10.68 | 36.59 | 35.40 | 41.33 | 53.20 | 74.00 | -20.80 | peak |
| 5 | 10460.000 | 11.83 | 37.14 | 35.14 | 38.81 | 52.64 | 74.00 | -21.36 | peak |
| 6 | pp15690.000 | 15.40 | 41.32 | 38.13 | 34.84 | 53.43 | 74.00 | -20.57 | peak |

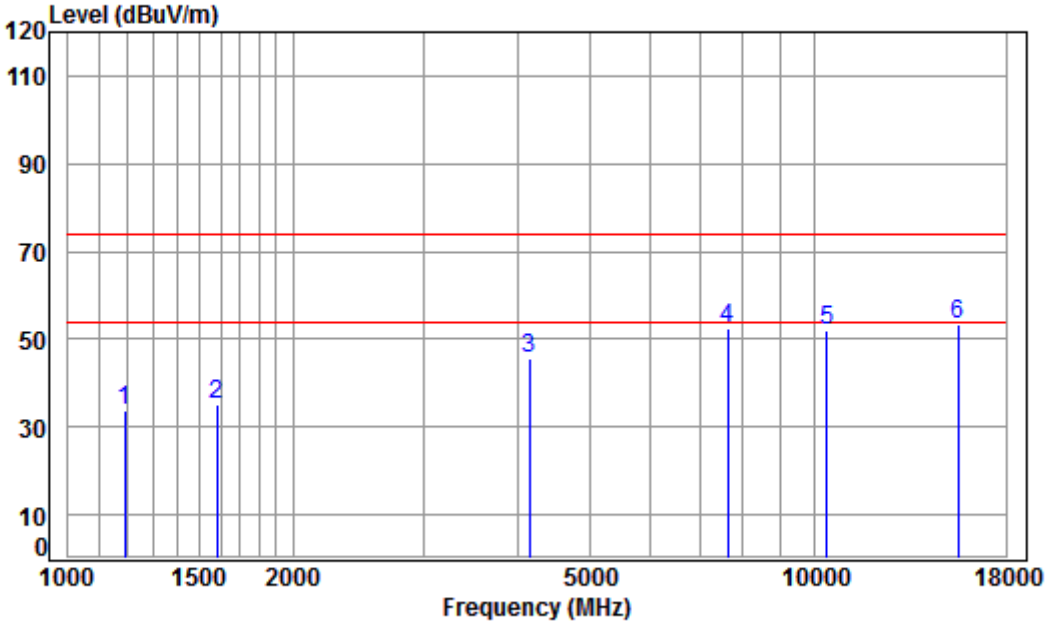
Mode:I; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5230 TX SE
Note : 5G WiFi-11N40

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1227.791 | 4.12 | 24.61 | 38.07 | 42.10 | 32.76 | 74.00 | -41.24 | peak |
| 2 | 1677.621 | 4.68 | 26.58 | 38.03 | 42.30 | 35.53 | 74.00 | -38.47 | peak |
| 3 | 3901.516 | 6.63 | 33.34 | 37.99 | 44.06 | 46.04 | 74.00 | -27.96 | peak |
| 4 | 8969.161 | 10.66 | 36.56 | 35.43 | 40.56 | 52.35 | 74.00 | -21.65 | peak |
| 5 | 10460.000 | 11.83 | 37.14 | 35.14 | 39.05 | 52.88 | 74.00 | -21.12 | peak |
| 6 | pp15690.000 | 15.40 | 41.32 | 38.13 | 34.76 | 53.35 | 74.00 | -20.65 | peak |

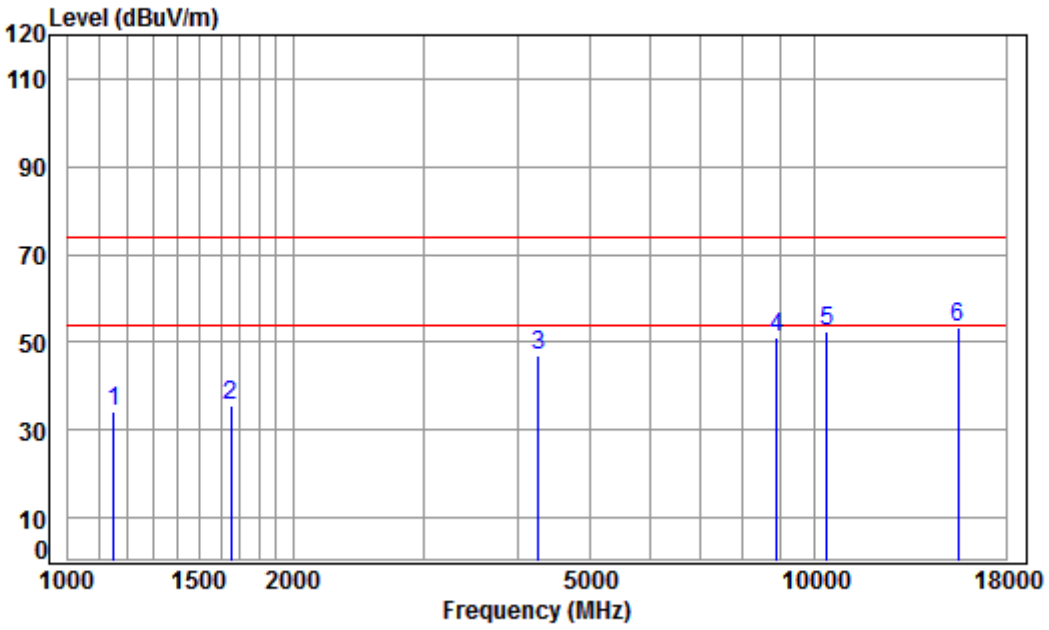
Mode:I; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5180 TX SE
Note : 5G WiFi-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 | 1192.811 | 4.07 | 24.44 | 38.07 | 43.44 | 33.88 | 74.00 | -40.12 | peak |
| 2 | 1583.392 | 4.57 | 26.18 | 38.03 | 42.52 | 35.24 | 74.00 | -38.76 | peak |
| 3 | 4145.664 | 6.88 | 33.60 | 38.08 | 43.03 | 45.43 | 74.00 | -28.57 | peak |
| 4 | 7628.806 | 9.90 | 36.38 | 36.72 | 42.92 | 52.48 | 74.00 | -21.52 | peak |
| 5 | 10360.000 | 11.74 | 37.24 | 35.09 | 38.18 | 52.07 | 74.00 | -21.93 | peak |
| 6 | pp15540.000 | 15.28 | 41.38 | 38.30 | 35.14 | 53.50 | 74.00 | -20.50 | peak |

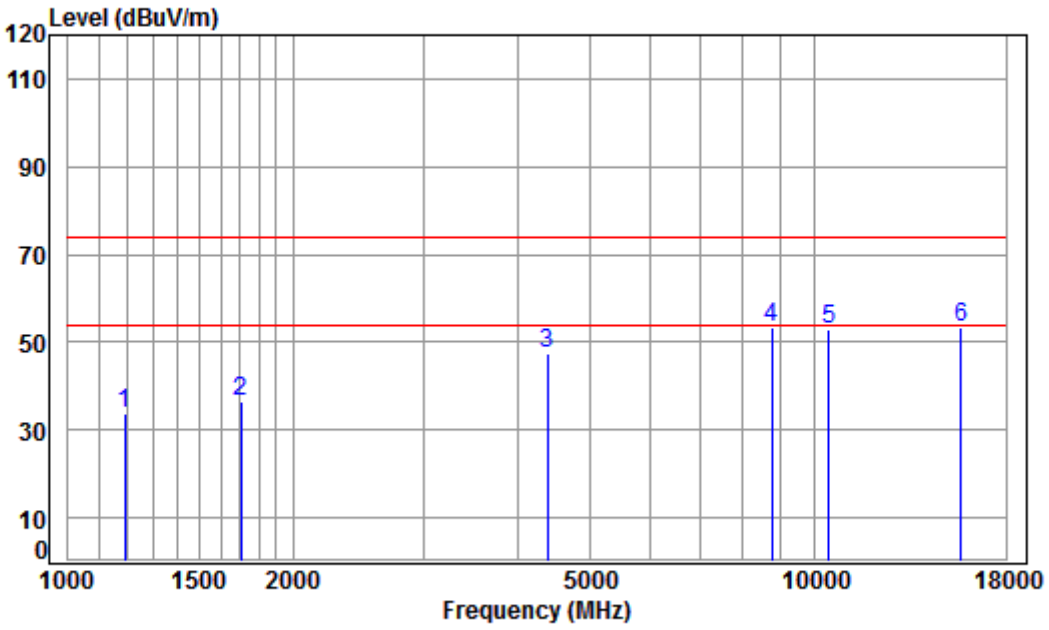
Mode:I; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5180 TX SE
Note : 5G WiFi-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 | 1152.148 | 4.01 | 24.24 | 38.08 | 43.92 | 34.09 | 74.00 | -39.91 | peak |
| 2 | 1653.550 | 4.65 | 26.48 | 38.03 | 42.72 | 35.82 | 74.00 | -38.18 | peak |
| 3 | 4267.237 | 7.02 | 33.60 | 38.14 | 44.39 | 46.87 | 74.00 | -27.13 | peak |
| 4 | 8891.725 | 10.60 | 36.47 | 35.50 | 39.65 | 51.22 | 74.00 | -22.78 | peak |
| 5 | 10360.000 | 11.74 | 37.24 | 35.09 | 38.37 | 52.26 | 74.00 | -21.74 | peak |
| 6 | pp15540.000 | 15.28 | 41.38 | 38.30 | 35.11 | 53.47 | 74.00 | -20.53 | peak |

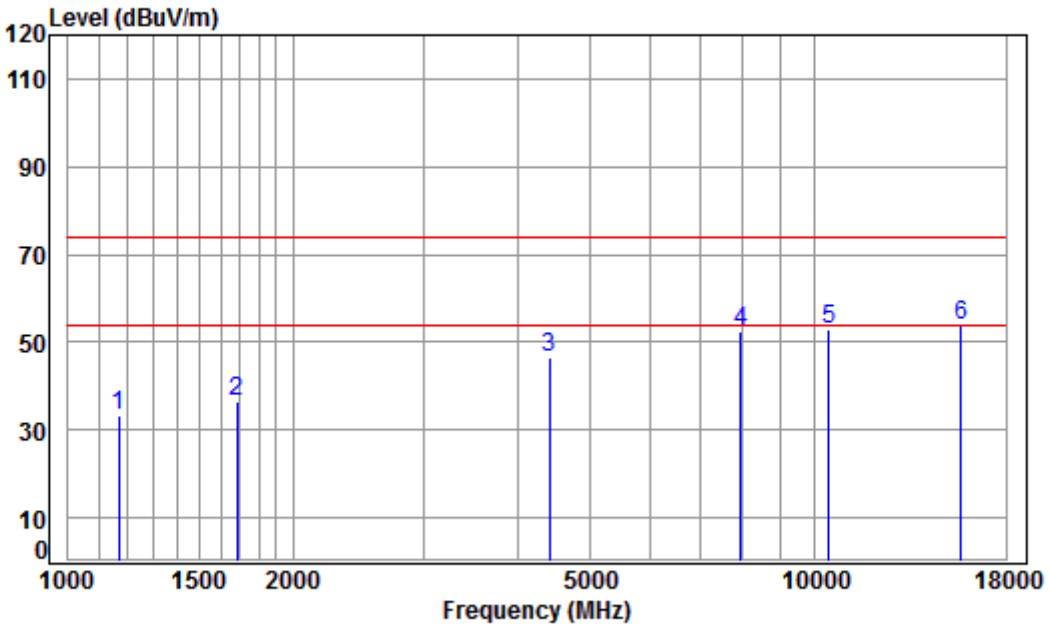
Mode:I; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:middle




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5220 TX SE
Note : 5G WiFi-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 | 1192.811 | 4.07 | 24.44 | 38.07 | 43.44 | 33.88 | 74.00 | -40.12 | peak |
| 2 | 1702.042 | 4.71 | 26.68 | 38.02 | 43.12 | 36.49 | 74.00 | -37.51 | peak |
| 3 | 4379.699 | 7.15 | 33.60 | 38.20 | 45.08 | 47.63 | 74.00 | -26.37 | peak |
| 4 | 8738.852 | 10.49 | 36.29 | 35.65 | 42.05 | 53.18 | 74.00 | -20.82 | peak |
| 5 | 10440.000 | 11.81 | 37.16 | 35.13 | 39.07 | 52.91 | 74.00 | -21.09 | peak |
| 6 | pp15660.000 | 15.38 | 41.34 | 38.17 | 34.85 | 53.40 | 74.00 | -20.60 | peak |

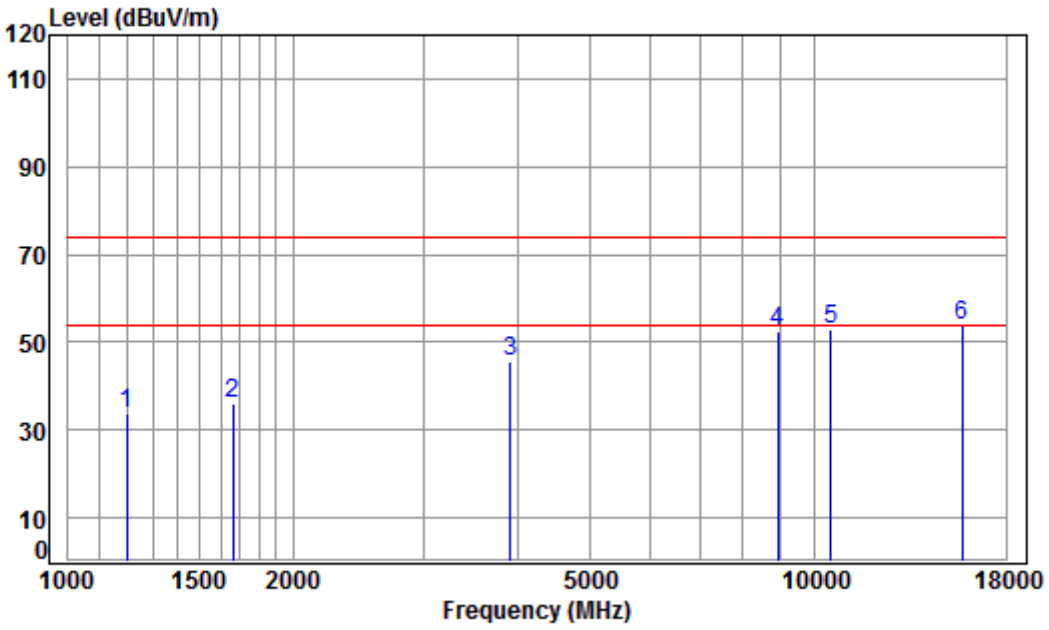
Mode:I; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:middle




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5220 TX SE
Note : 5G WiFi-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 | 1168.920 | 4.03 | 24.32 | 38.08 | 43.13 | 33.40 | 74.00 | -40.60 | peak |
| 2 | 1682.477 | 4.69 | 26.60 | 38.02 | 43.07 | 36.34 | 74.00 | -37.66 | peak |
| 3 | 4405.090 | 7.18 | 33.60 | 38.22 | 43.83 | 46.39 | 74.00 | -27.61 | peak |
| 4 | 7943.838 | 10.02 | 36.57 | 36.45 | 42.44 | 52.58 | 74.00 | -21.42 | peak |
| 5 | 10440.000 | 11.81 | 37.16 | 35.13 | 38.87 | 52.71 | 74.00 | -21.29 | peak |
| 6 | pp15660.000 | 15.38 | 41.34 | 38.17 | 35.21 | 53.76 | 74.00 | -20.24 | peak |

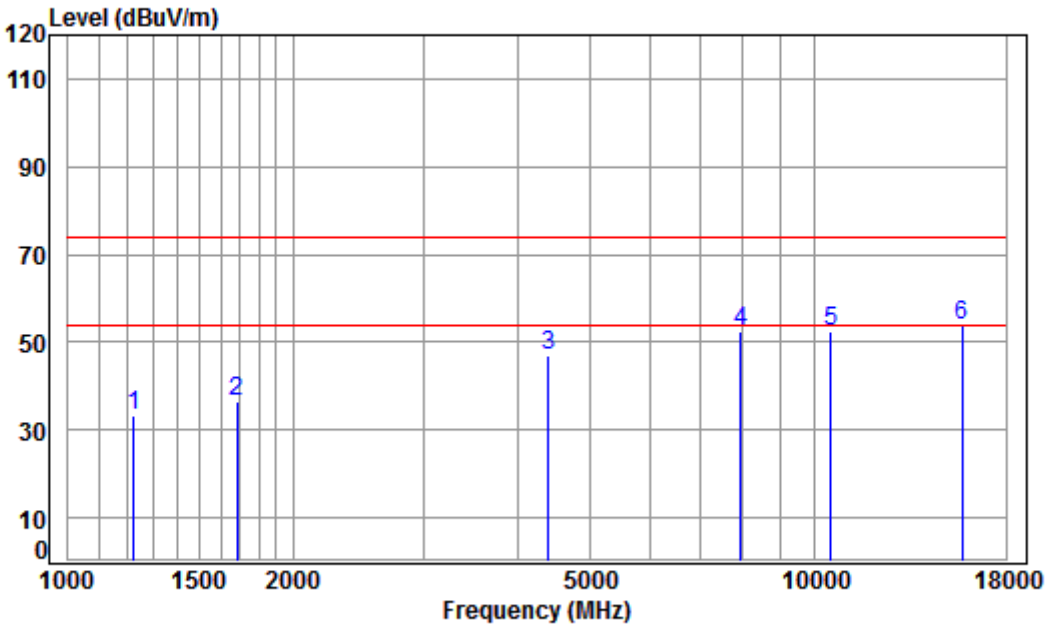
Mode:I; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5240 TX SE
Note : 5G WiFi-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 | 1199.726 | 4.08 | 24.48 | 38.07 | 43.12 | 33.61 | 74.00 | -40.39 | peak |
| 2 | 1663.137 | 4.66 | 26.52 | 38.03 | 42.77 | 35.92 | 74.00 | -38.08 | peak |
| 3 | 3912.809 | 6.63 | 33.37 | 37.99 | 43.61 | 45.62 | 74.00 | -28.38 | peak |
| 4 | 8917.462 | 10.62 | 36.50 | 35.48 | 41.01 | 52.65 | 74.00 | -21.35 | peak |
| 5 | 10480.000 | 11.84 | 37.12 | 35.15 | 39.16 | 52.97 | 74.00 | -21.03 | peak |
| 6 | pp15720.000 | 15.42 | 41.31 | 38.10 | 35.23 | 53.86 | 74.00 | -20.14 | peak |

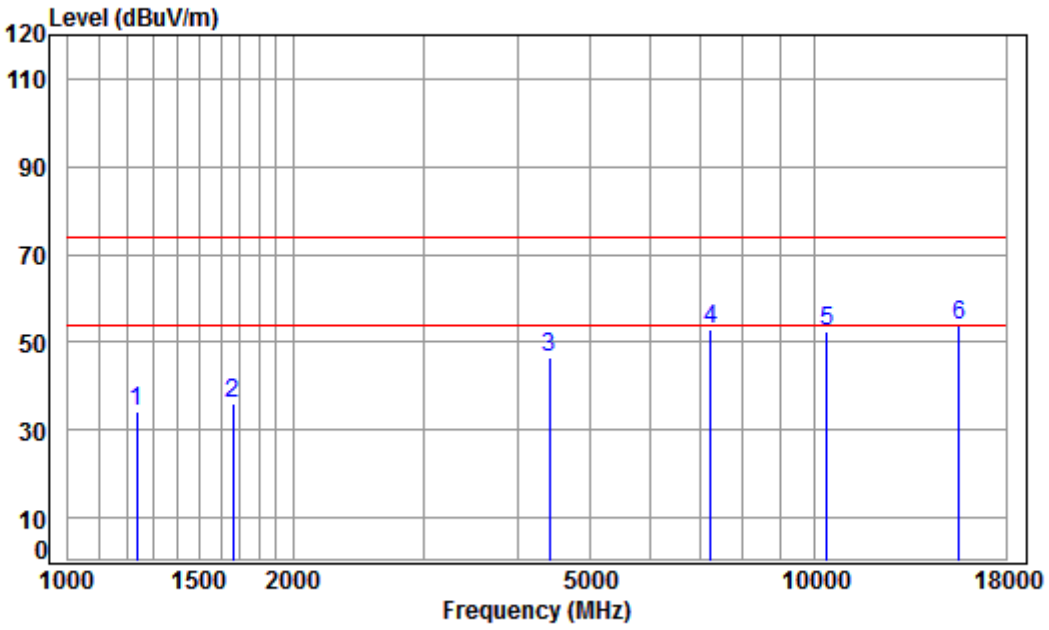
Mode:I; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5240 TX SE
Note : 5G WiFi-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 | 1224.247 | 4.11 | 24.60 | 38.07 | 42.83 | 33.47 | 74.00 | -40.53 | peak |
| 2 | 1682.477 | 4.69 | 26.60 | 38.02 | 43.07 | 36.34 | 74.00 | -37.66 | peak |
| 3 | 4392.376 | 7.16 | 33.60 | 38.21 | 44.64 | 47.19 | 74.00 | -26.81 | peak |
| 4 | 7943.838 | 10.02 | 36.57 | 36.45 | 42.44 | 52.58 | 74.00 | -21.42 | peak |
| 5 | 10480.000 | 11.84 | 37.12 | 35.15 | 38.88 | 52.69 | 74.00 | -21.31 | peak |
| 6 | pp15720.000 | 15.42 | 41.31 | 38.10 | 35.14 | 53.77 | 74.00 | -20.23 | peak |

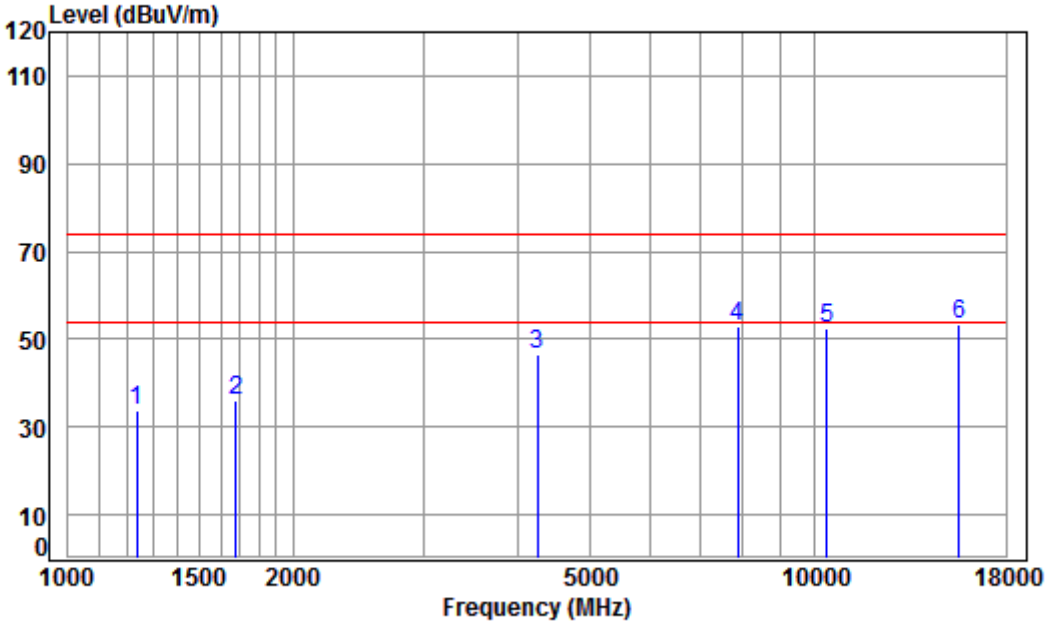
Mode:I; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5190 TX SE
Note : 5G WiFi-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 | 1234.909 | 4.13 | 24.65 | 38.07 | 43.55 | 34.26 | 74.00 | -39.74 | peak |
| 2 | 1663.137 | 4.66 | 26.52 | 38.03 | 42.77 | 35.92 | 74.00 | -38.08 | peak |
| 3 | 4405.090 | 7.18 | 33.60 | 38.22 | 44.07 | 46.63 | 74.00 | -27.37 | peak |
| 4 | 7242.052 | 9.68 | 36.40 | 37.07 | 43.83 | 52.84 | 74.00 | -21.16 | peak |
| 5 | 10380.000 | 11.76 | 37.22 | 35.10 | 38.53 | 52.41 | 74.00 | -21.59 | peak |
| 6 | pp15570.000 | 15.31 | 41.37 | 38.26 | 35.21 | 53.63 | 74.00 | -20.37 | peak |

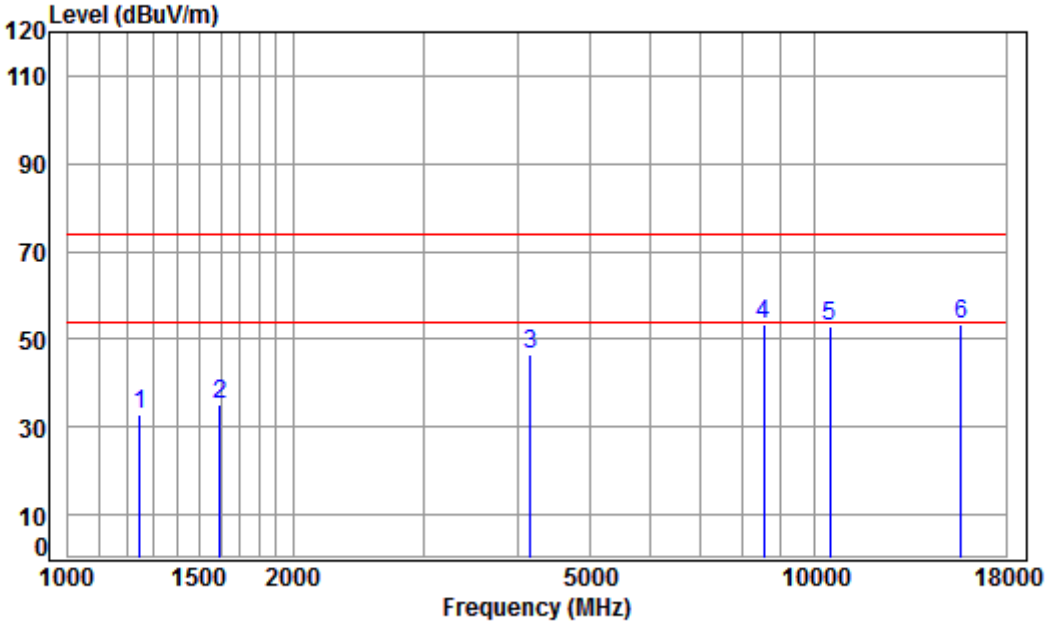
Mode:I; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5190 TX SE
Note : 5G WiFi-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 | 1234.909 | 4.13 | 24.65 | 38.07 | 43.14 | 33.85 | 74.00 | -40.15 | peak |
| 2 | 1677.621 | 4.68 | 26.58 | 38.03 | 43.03 | 36.26 | 74.00 | -37.74 | peak |
| 3 | 4242.641 | 6.99 | 33.60 | 38.13 | 44.24 | 46.70 | 74.00 | -27.30 | peak |
| 4 | 7875.254 | 9.99 | 36.53 | 36.51 | 42.80 | 52.81 | 74.00 | -21.19 | peak |
| 5 | 10380.000 | 11.76 | 37.22 | 35.10 | 38.70 | 52.58 | 74.00 | -21.42 | peak |
| 6 | pp15570.000 | 15.31 | 41.37 | 38.26 | 35.14 | 53.56 | 74.00 | -20.44 | peak |

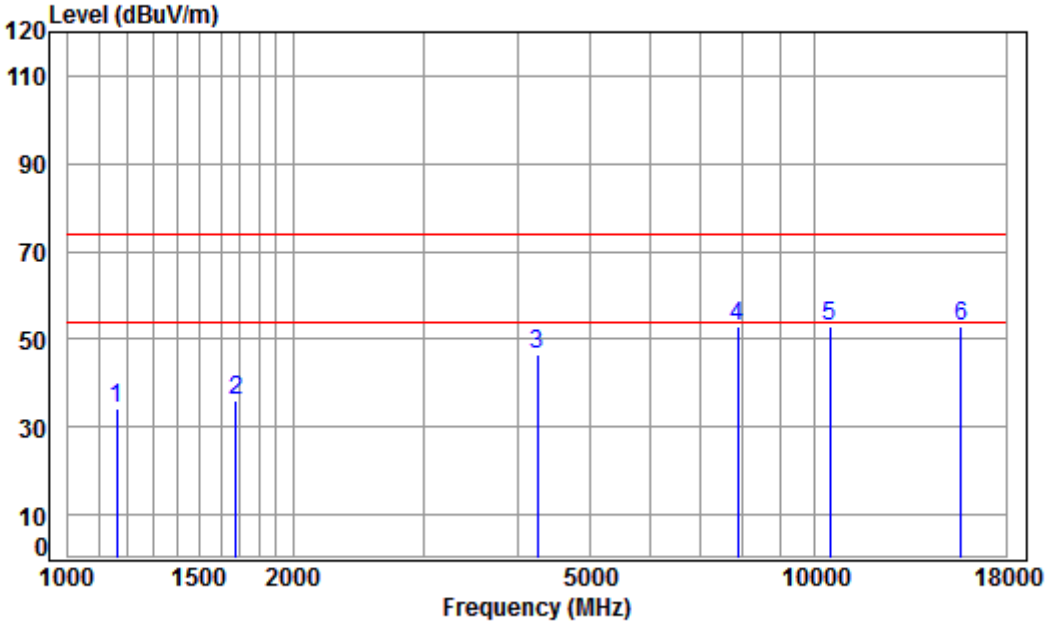
Mode:I; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5230 TX SE
Note : 5G WiFi-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 | 1249.269 | 4.15 | 24.72 | 38.07 | 42.11 | 32.91 | 74.00 | -41.09 | peak |
| 2 | 1597.181 | 4.59 | 26.24 | 38.03 | 42.42 | 35.22 | 74.00 | -38.78 | peak |
| 3 | 4157.664 | 6.89 | 33.60 | 38.09 | 44.36 | 46.76 | 74.00 | -27.24 | peak |
| 4 | 8539.102 | 10.34 | 36.05 | 35.85 | 42.62 | 53.16 | 74.00 | -20.84 | peak |
| 5 | 10460.000 | 11.83 | 37.14 | 35.14 | 39.00 | 52.83 | 74.00 | -21.17 | peak |
| 6 | pp15690.000 | 15.40 | 41.32 | 38.13 | 34.61 | 53.20 | 74.00 | -20.80 | peak |

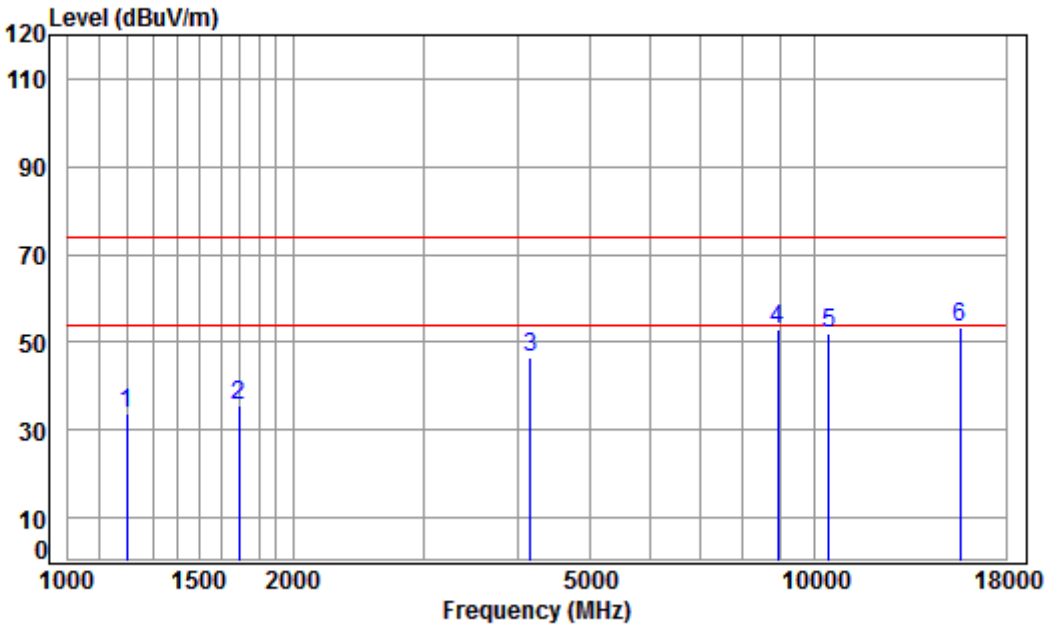
Mode:I; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5230 TX SE
Note : 5G WiFi-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 | 1162.182 | 4.02 | 24.29 | 38.08 | 44.16 | 34.39 | 74.00 | -39.61 | peak |
| 2 | 1677.621 | 4.68 | 26.58 | 38.03 | 43.03 | 36.26 | 74.00 | -37.74 | peak |
| 3 | 4242.641 | 6.99 | 33.60 | 38.13 | 44.24 | 46.70 | 74.00 | -27.30 | peak |
| 4 | 7875.254 | 9.99 | 36.53 | 36.51 | 42.80 | 52.81 | 74.00 | -21.19 | peak |
| 5 | 10460.000 | 11.83 | 37.14 | 35.14 | 39.14 | 52.97 | 74.00 | -21.03 | peak |
| 6 | pp15690.000 | 15.40 | 41.32 | 38.13 | 34.42 | 53.01 | 74.00 | -20.99 | peak |

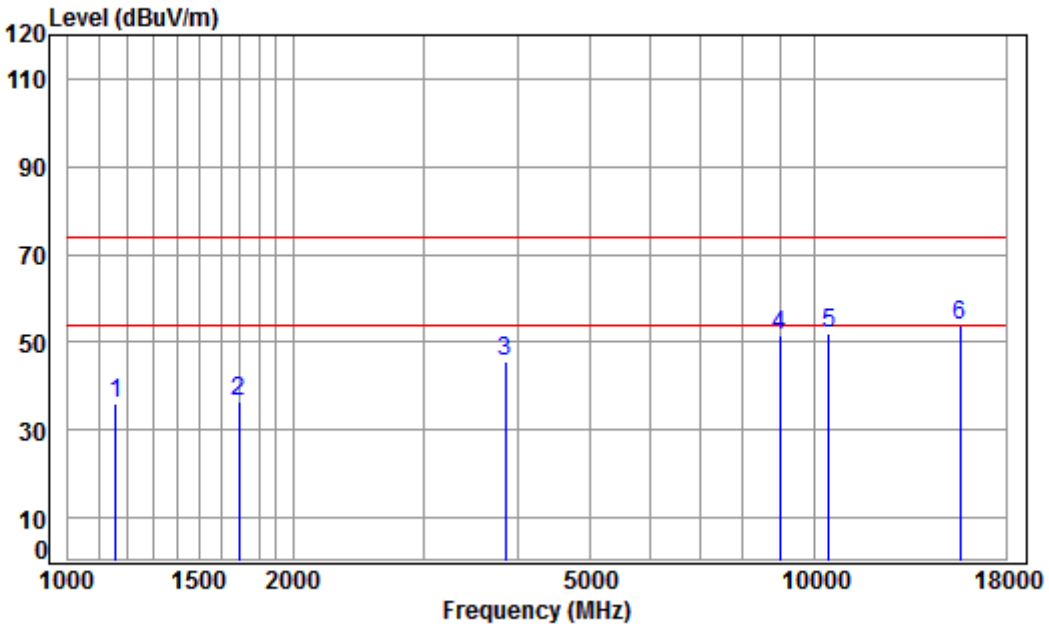
Mode:I; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:80MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5210 TX SE
Note : 5G WiFi-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 | 1199.726 | 4.08 | 24.48 | 38.07 | 43.10 | 33.59 | 74.00 | -40.41 | peak |
| 2 | 1692.231 | 4.70 | 26.64 | 38.02 | 42.29 | 35.61 | 74.00 | -38.39 | peak |
| 3 | 4157.664 | 6.89 | 33.60 | 38.09 | 44.36 | 46.76 | 74.00 | -27.24 | peak |
| 4 | 8917.462 | 10.62 | 36.50 | 35.48 | 41.07 | 52.71 | 74.00 | -21.29 | peak |
| 5 | 10420.000 | 11.79 | 37.18 | 35.12 | 38.24 | 52.09 | 74.00 | -21.91 | peak |
| 6 | pp15630.000 | 15.35 | 41.35 | 38.20 | 35.01 | 53.51 | 74.00 | -20.49 | peak |

Mode:I; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:80MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5210 TX SE
Note : 5G WiFi-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 | 1158.828 | 4.02 | 24.27 | 38.08 | 45.64 | 35.85 | 74.00 | -38.15 | peak |
| 2 | 1692.231 | 4.70 | 26.64 | 38.02 | 42.98 | 36.30 | 74.00 | -37.70 | peak |
| 3 | 3845.537 | 6.58 | 33.19 | 37.99 | 43.98 | 45.76 | 74.00 | -28.24 | peak |
| 4 | 8969.161 | 10.66 | 36.56 | 35.43 | 39.74 | 51.53 | 74.00 | -22.47 | peak |
| 5 | 10420.000 | 11.79 | 37.18 | 35.12 | 38.36 | 52.21 | 74.00 | -21.79 | peak |
| 6 | pp15630.000 | 15.35 | 41.35 | 38.20 | 35.19 | 53.69 | 74.00 | -20.31 | peak |

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & Preamplifier. The basic equation with a sample calculation is as follows:

Final Test Level =Receiver Reading + Antenna Factor + Cable Factor – Preamplifier Factor

2) Scan from 9kHz to 25GHz, the disturbance above 13GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the above harmonics 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. So, only the peak measurements were shown in the report.

## 7.12 Radiated Emissions which fall in the restricted bands

Test Requirement 47 CFR Part 15, Subpart C 15.209 & 15.407(b)
Test Method: KDB 789033 D02 II G
Measurement Distance: 3m
Limit:

| Frequency(MHz) | Field strength(microvolts/meter) | Measurement distance(meters) |
|---|---|---|
| 0.009-0.490 | 2400/F(kHz) | 300 |
| 0.490-1.705 | 24000/F(kHz) | 30 |
| 1.705-30.0 | 30 | 30 |
| 30-88 | 100 | 3 |
| 88-216 | 150 | 3 |
| 216-960 | 200 | 3 |
| Above 960 | 500 | 3 |
| 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. | | |

### 7.12.1 E.U.T. Operation

Operating Environment:

Temperature: 23 °C Humidity: 54 % RH Atmospheric Pressure: 1005 mbar

Pretest these mode to find the worst case:

h:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

o:Charge + TX mode (Band 3)_Keep the EUT in charging and 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

n:Charge + TX mode (Band 2C)_Keep the EUT in charging and 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

m:Charge + TX mode (Band 2A)_Keep the EUT in charging and 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

l:Charge + TX mode (Band 1)_Keep the EUT in charging and 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

k:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

j:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

i:TX mode (Band 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

The worst case for final test:

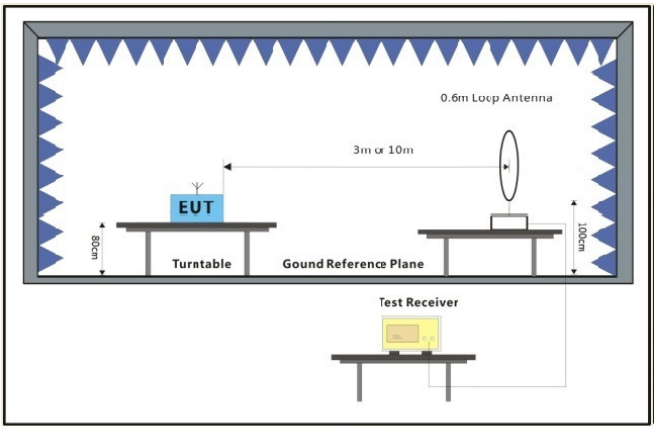
o:Charge + TX mode (Band 3)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

n:Charge + TX mode (Band 2C)_Keep the EUT in charging and 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

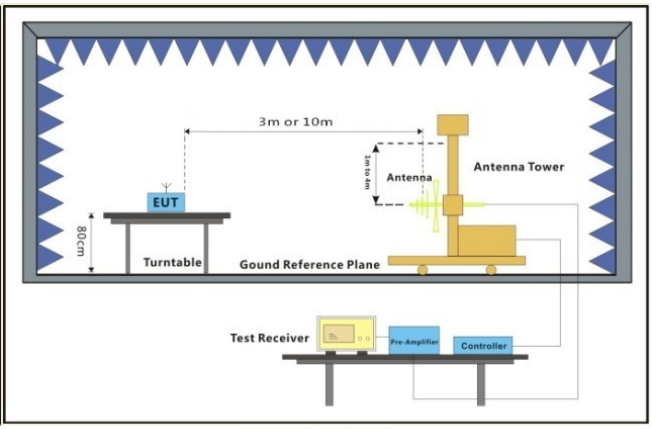
m:Charge + TX mode (Band 2A)_Keep the EUT in charging and continuously transmitting mode with all modulation types. All data rates for each modulation type have been tested and found the data rate @ 6Mbps is the worst case of IEEE 802.11a; data rate @ MCS0 is the worst case of IEEE 802.11n(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

l:Charge + TX mode (Band 1)_Keep the EUT in charging and 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(HT20); data rate @ MCS0 is the worst case of IEEE 802.11n(HT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT20); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT40); data rate @ MCS0 is the worst case of IEEE 802.11ac(VHT80). Only the data of worst case is recorded in the report.

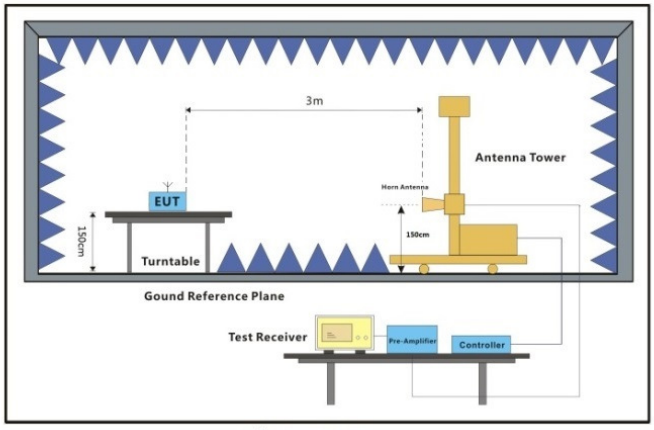
### 7.12.2Test Setup Diagram




Below 30MHz




30MHz-1GHz




Above 1GHz

### 7.12.3 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.

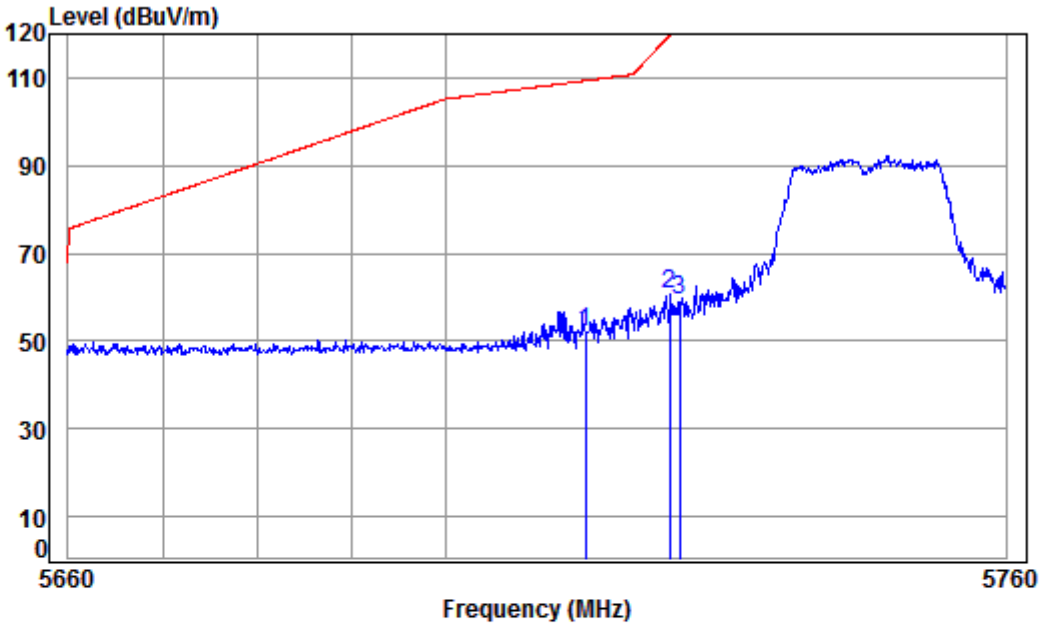
i. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is the worst case.

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

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

Pretest the EUT at antenna 1 and antenna 2 and found the antenna 2 which is worst case, So, Only the antenna 2 test data is recorded in the report.

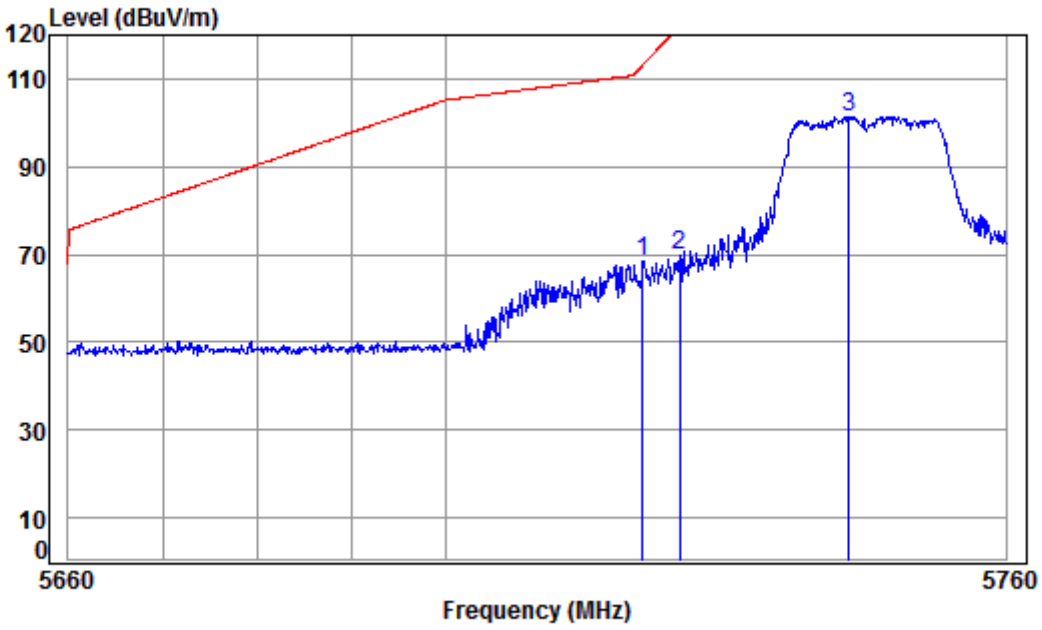
Mode:o; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5745 Band edge
Note : 5G WiFi-11A
Power : 20

| | Freq | Cable Loss | 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 | 5715.000 | 8.47 | 34.53 | 38.35 | 47.30 | 51.95 | 109.40 | -57.45 | peak |
| 2 | 5723.999 | 8.48 | 34.54 | 38.35 | 55.96 | 60.63 | 119.92 | -59.29 | Peak |
| 3 | 5725.000 | 8.48 | 34.54 | 38.35 | 54.84 | 59.51 | 122.20 | -62.69 | peak |

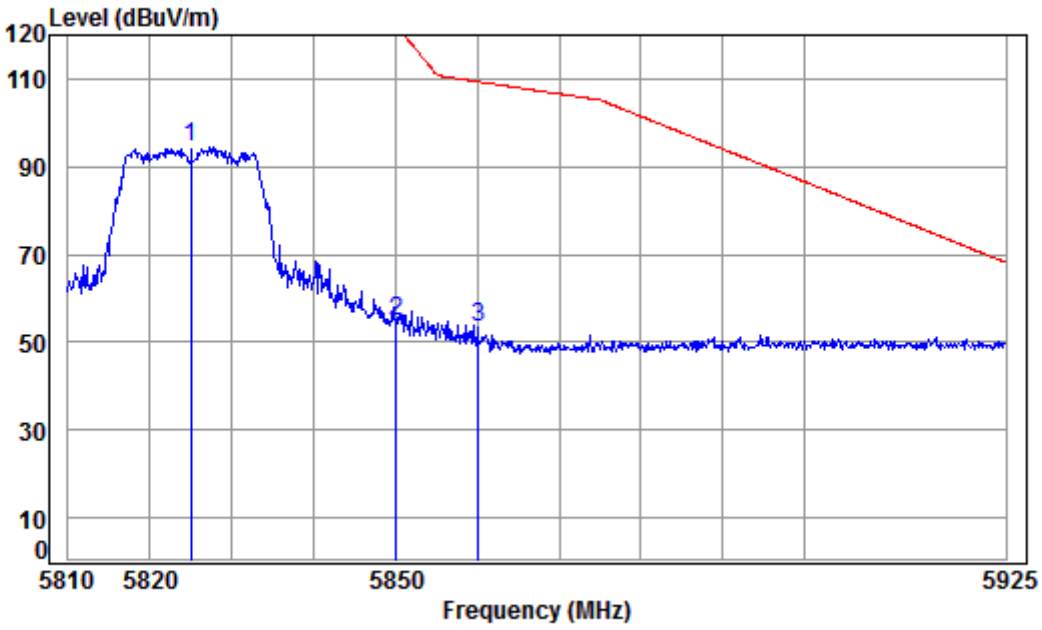
Mode:o; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5745 Band edge
Note : 5G WiFi-11A
Power : 20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5721.092 | 8.48 | 34.54 | 38.35 | 63.81 | 68.48 | 113.29 | -44.81 | Peak |
| 2 | 5725.000 | 8.48 | 34.54 | 38.35 | 65.03 | 69.70 | 122.20 | -52.50 | peak |
| 3 pp | 5743.178 | 8.50 | 34.55 | 38.35 | 96.63 | 101.33 | 125.20 | -23.87 | Peak |

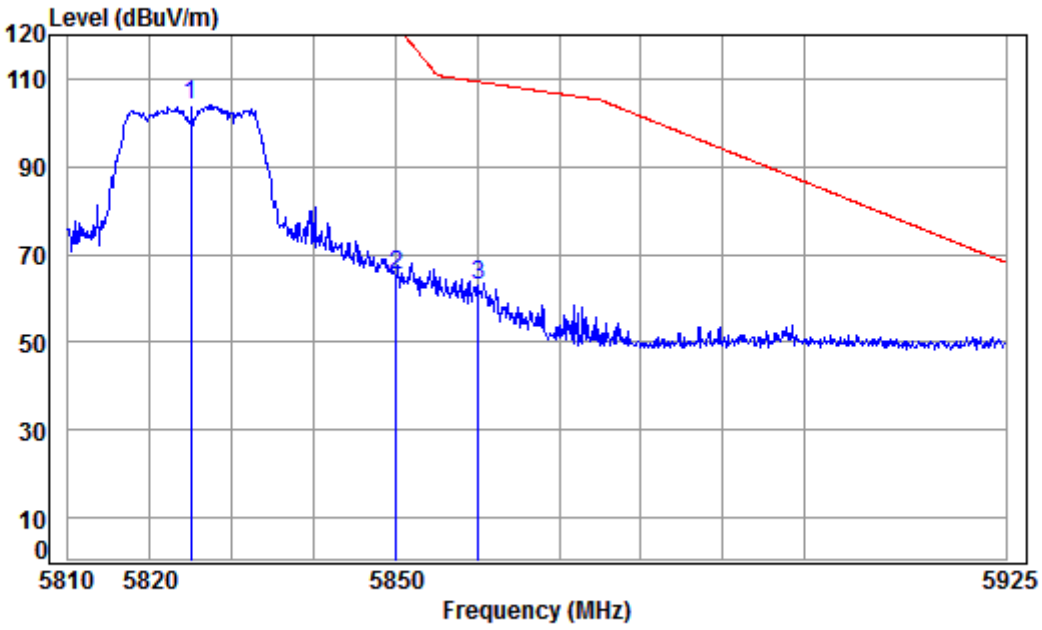
Mode:o; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5825 Band edge
Note : 5G WiFi-11A
Power : 20

| | Freq | Cable Loss | 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 | 5825.000 | 8.58 | 34.60 | 38.33 | 89.71 | 94.56 | 125.20 | -30.64 | peak |
| 2 | 5850.000 | 8.60 | 34.61 | 38.33 | 49.73 | 54.61 | 122.20 | -67.59 | peak |
| 3 | 5860.000 | 8.61 | 34.62 | 38.33 | 48.35 | 53.25 | 109.40 | -56.15 | peak |

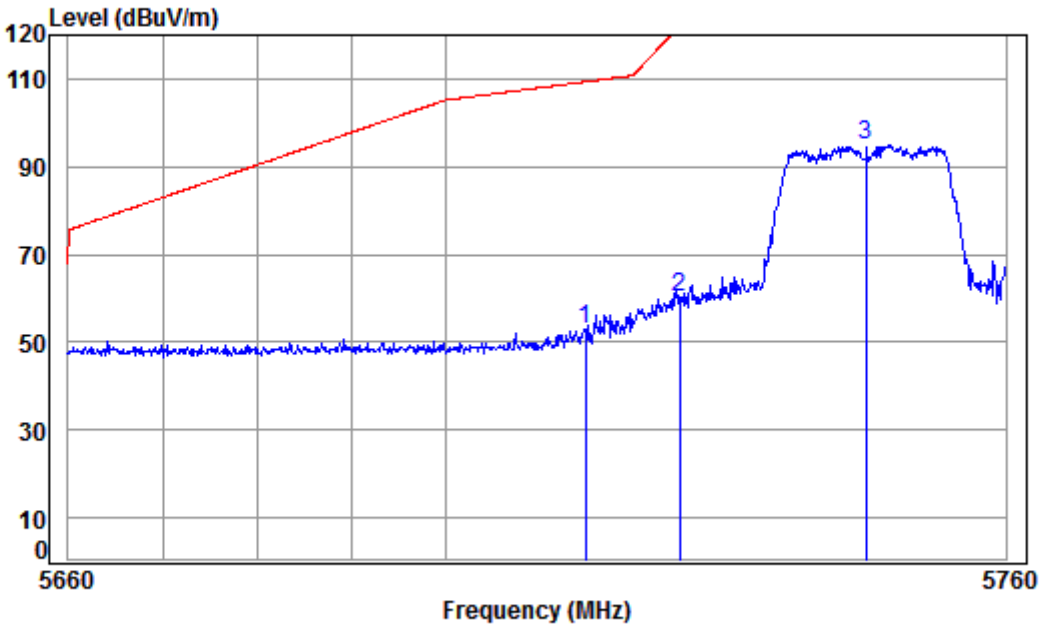
Mode:o; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5825 Band edge
Note : 5G WiFi-11A
Power : 20

| | Freq | Cable Loss | 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 | 5825.000 | 8.58 | 34.60 | 38.33 | 99.28 | 104.13 | 125.20 | -21.07 | peak |
| 2 | 5850.000 | 8.60 | 34.61 | 38.33 | 60.52 | 65.40 | 122.20 | -56.80 | peak |
| 3 | 5860.000 | 8.61 | 34.62 | 38.33 | 57.98 | 62.88 | 109.40 | -46.52 | peak |

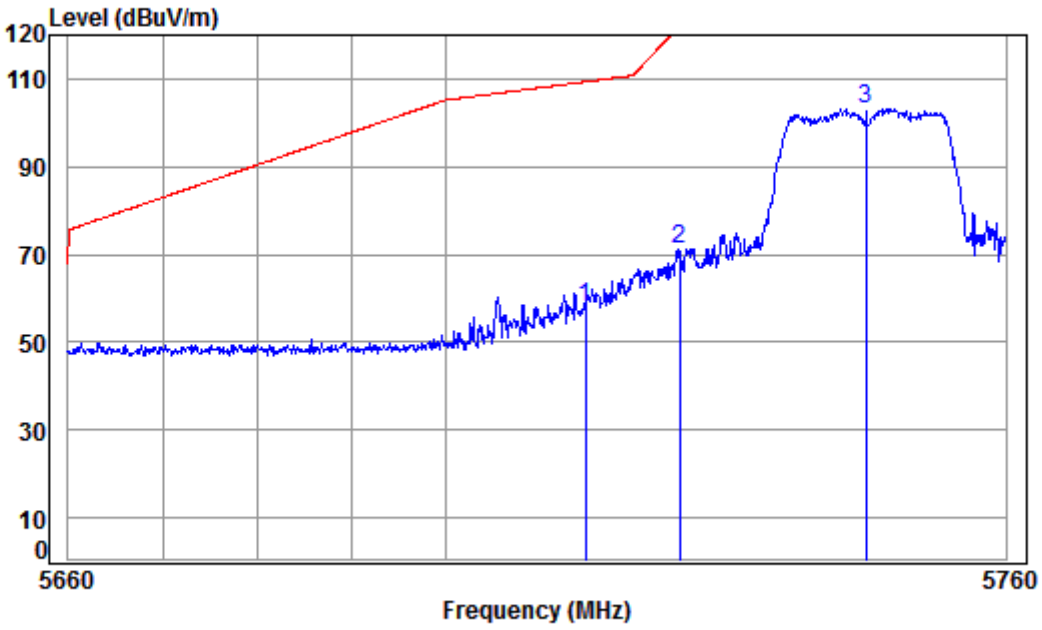
Mode:o; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5745 Band edge
Note : 5G WiFi-11N20
Power : 20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5715.000 | 8.47 | 34.53 | 38.35 | 48.08 | 52.73 | 109.40 | -56.67 | peak |
| 2 | 5725.000 | 8.48 | 34.54 | 38.35 | 55.52 | 60.19 | 122.20 | -62.01 | peak |
| 3 pp | 5745.000 | 8.50 | 34.55 | 38.35 | 90.13 | 94.83 | 125.20 | -30.37 | peak |

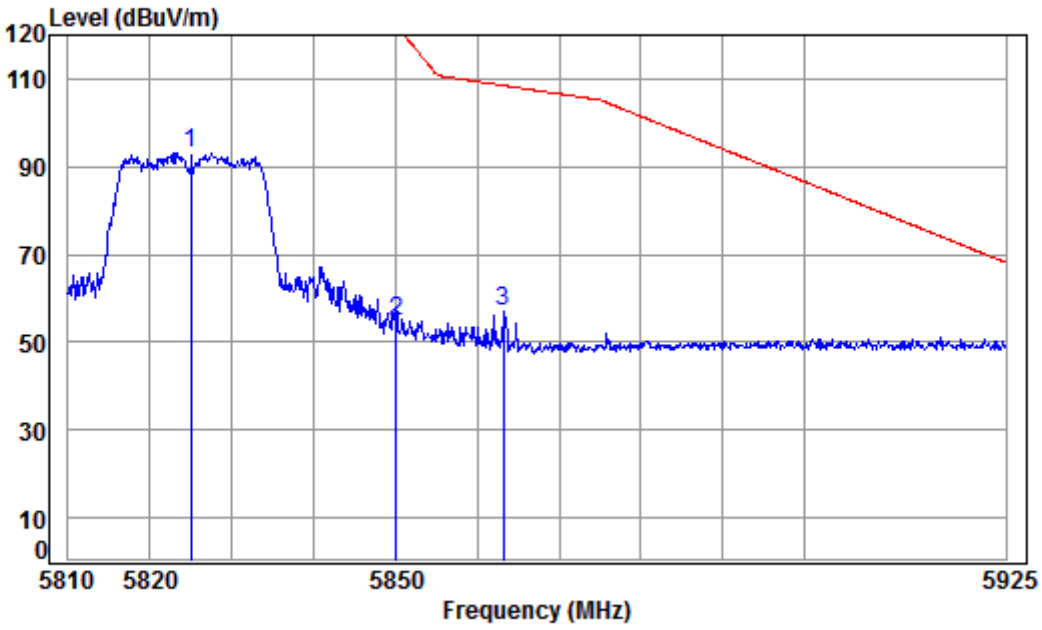
Mode:o; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5745 Band edge
Note : 5G WiFi-11N20
Power : 20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5715.000 | 8.47 | 34.53 | 38.35 | 53.20 | 57.85 | 109.40 | -51.55 | peak |
| 2 | 5725.000 | 8.48 | 34.54 | 38.35 | 66.50 | 71.17 | 122.20 | -51.03 | peak |
| 3 pp | 5745.000 | 8.50 | 34.55 | 38.35 | 98.63 | 103.33 | 125.20 | -21.87 | peak |

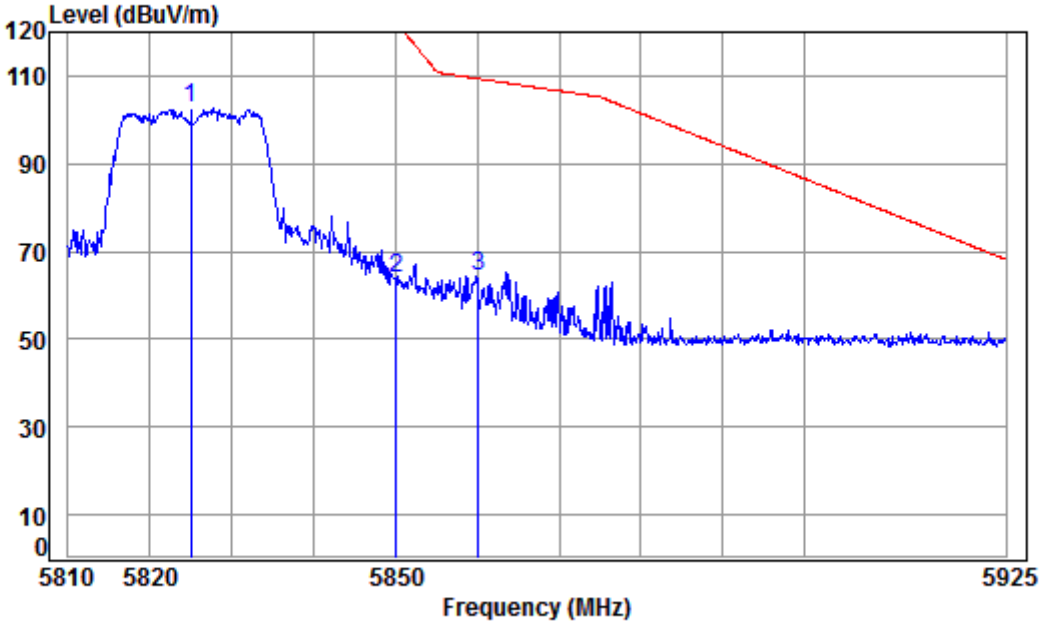
Mode:o; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5825 Band edge
Note : 5G WiFi-11N20
Power : 20

| | Freq | Cable Loss | 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 | 5825.000 | 8.58 | 34.60 | 38.33 | 88.34 | 93.19 | 125.20 | -32.01 | peak |
| 2 | 5850.000 | 8.60 | 34.61 | 38.33 | 49.69 | 54.57 | 122.20 | -67.63 | peak |
| 3 | 5863.080 | 8.62 | 34.62 | 38.33 | 52.13 | 57.04 | 108.54 | -51.50 | Peak |

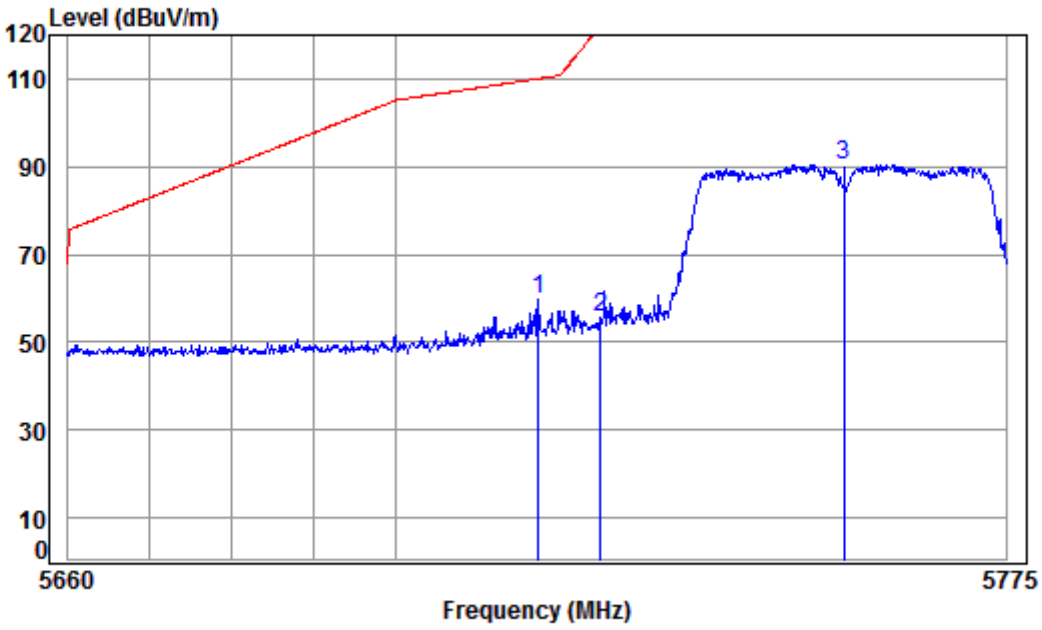
Mode:o; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5825 Band edge
Note : 5G WiFi-11N20
Power : 20

| | Freq | Cable Loss | 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 | 5825.000 | 8.58 | 34.60 | 38.33 | 97.61 | 102.46 | 125.20 | -22.74 | peak |
| 2 | 5850.000 | 8.60 | 34.61 | 38.33 | 58.91 | 63.79 | 122.20 | -58.41 | peak |
| 3 | 5860.000 | 8.61 | 34.62 | 38.33 | 59.23 | 64.13 | 109.40 | -45.27 | peak |

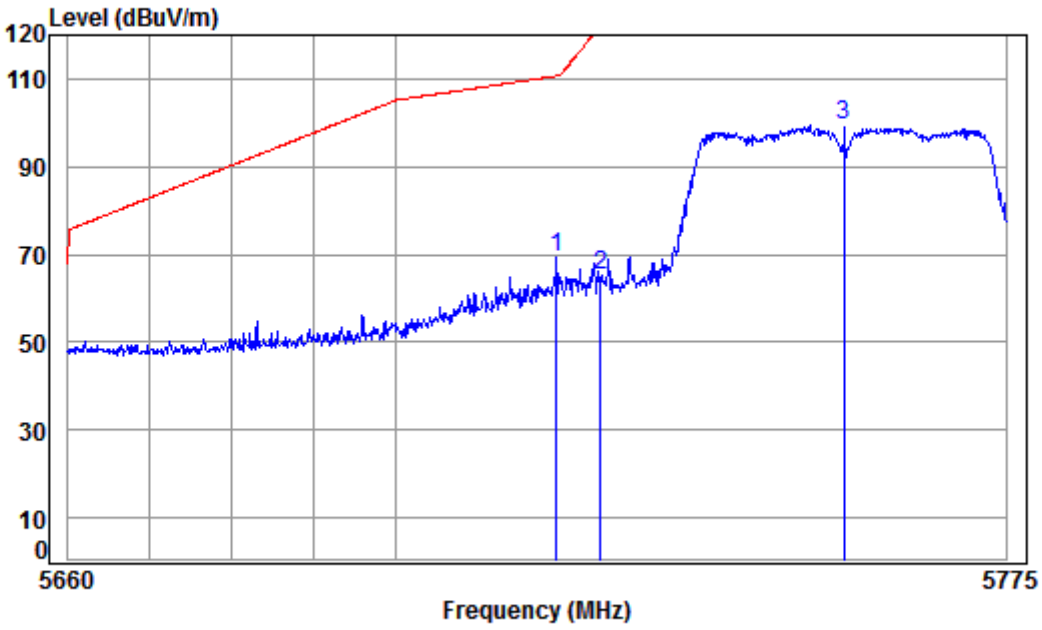
Mode:o; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5755 Band edge
Note : 5G WiFi-11N40
Power : 20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5717.441 | 8.47 | 34.53 | 38.35 | 55.17 | 59.82 | 110.08 | -50.26 | Peak |
| 2 | 5725.000 | 8.48 | 34.54 | 38.35 | 50.82 | 55.49 | 122.20 | -66.71 | peak |
| 3 pp | 5755.000 | 8.51 | 34.56 | 38.35 | 85.80 | 90.52 | 125.20 | -34.68 | peak |

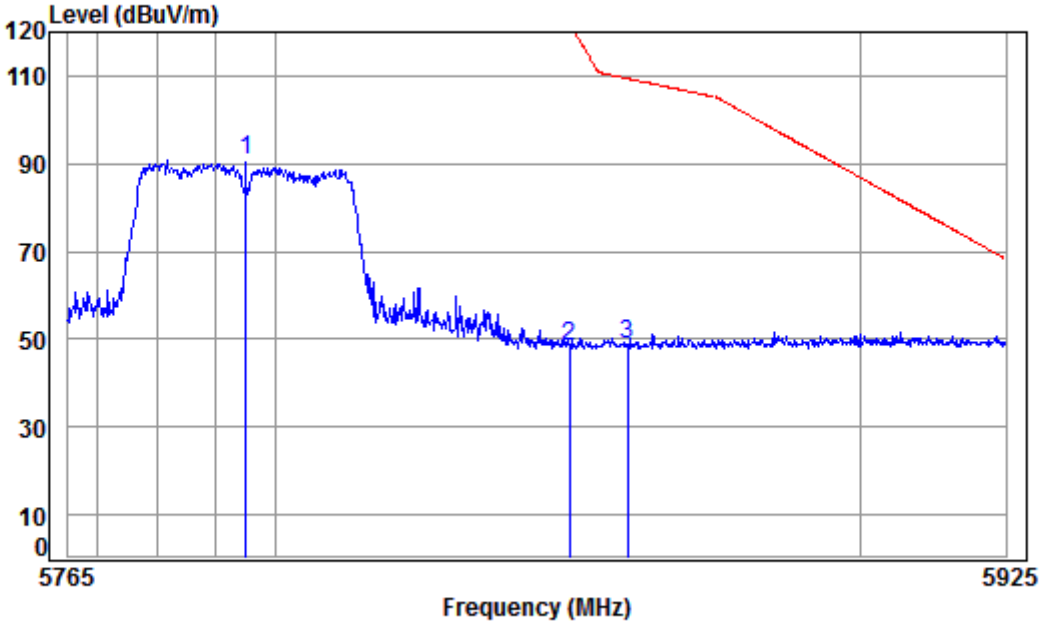
Mode:o; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5755 Band edge
Note : 5G WiFi-11N40
Power : 20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5719.626 | 8.48 | 34.54 | 38.35 | 64.73 | 69.40 | 110.70 | -41.30 | Peak |
| 2 | 5725.000 | 8.48 | 34.54 | 38.35 | 60.58 | 65.25 | 122.20 | -56.95 | peak |
| 3 pp | 5755.000 | 8.51 | 34.56 | 38.35 | 94.69 | 99.41 | 125.20 | -25.79 | peak |

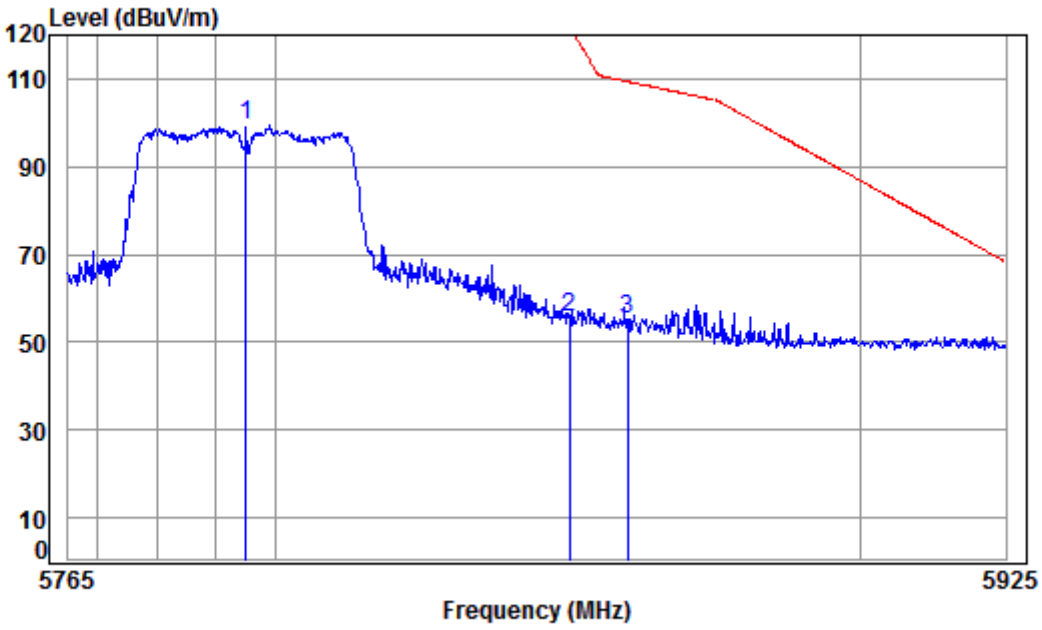
Mode:o; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5795 Band edge
Note : 5G WiFi-11N40
Power : 20

| | | Freq | Cable Loss | 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 | 5795.000 | 8.55 | 34.58 | 38.34 | 86.02 | 90.81 | 125.20 | -34.39 | peak |
| 2 | | 5850.000 | 8.60 | 34.61 | 38.33 | 43.35 | 48.23 | 122.20 | -73.97 | peak |
| 3 | | 5860.000 | 8.61 | 34.62 | 38.33 | 43.85 | 48.75 | 109.40 | -60.65 | peak |

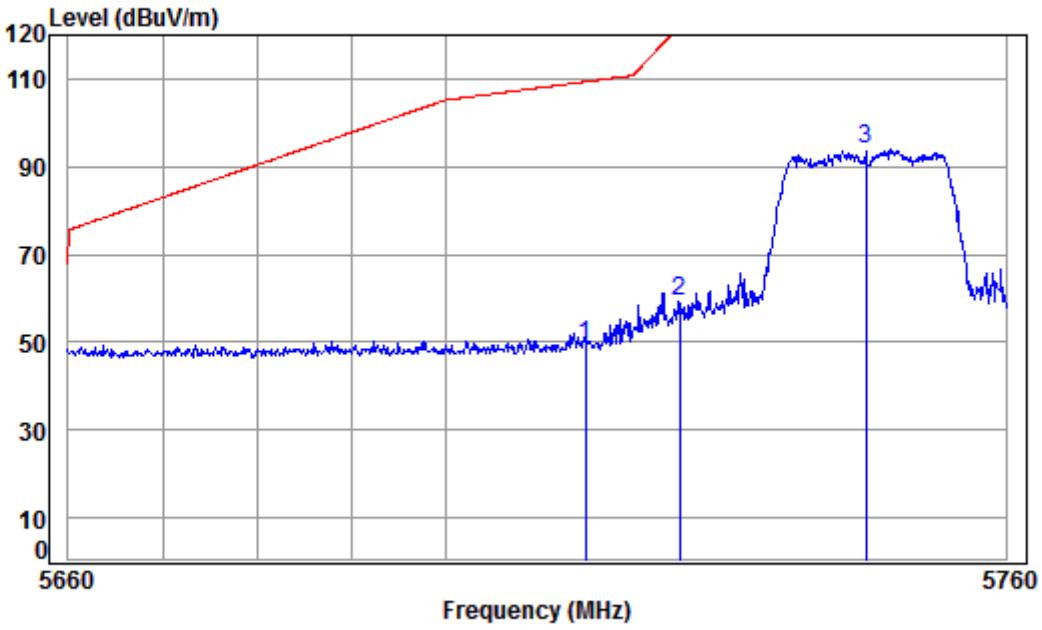
Mode:o; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5795 Band edge
Note : 5G WiFi-11N40
Power : 20

| | Freq | Cable Loss | 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 | 5795.000 | 8.55 | 34.58 | 38.34 | 94.55 | 99.34 | 125.20 | -25.86 | peak |
| 2 | 5850.000 | 8.60 | 34.61 | 38.33 | 50.58 | 55.46 | 122.20 | -66.74 | peak |
| 3 | 5860.000 | 8.61 | 34.62 | 38.33 | 50.30 | 55.20 | 109.40 | -54.20 | peak |

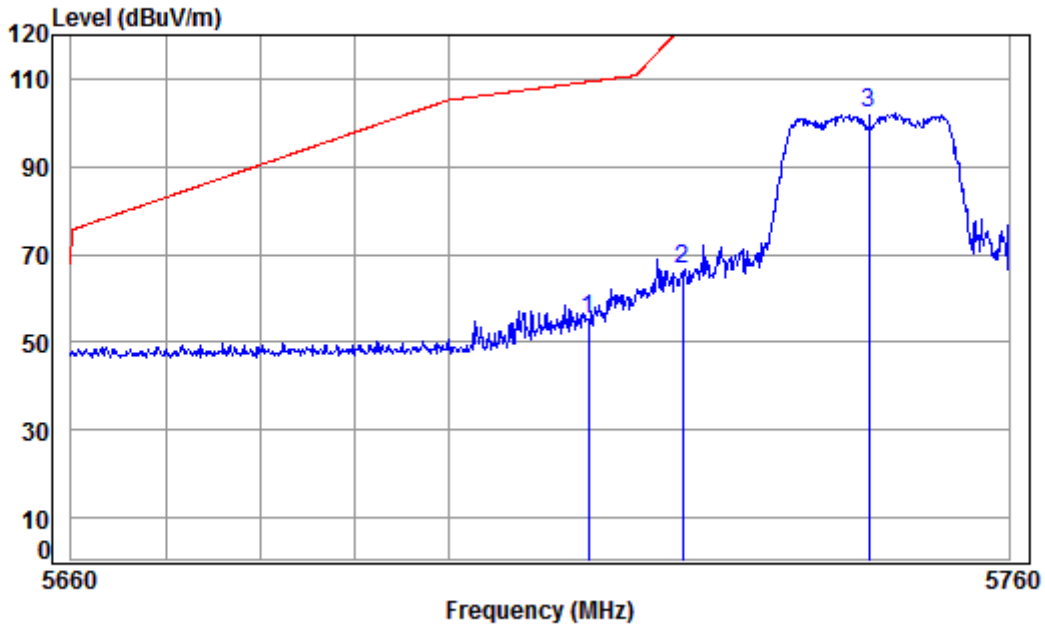
Mode:o; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5745 Band edge
Note : 5G WiFi-11AC20
Power : 20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5715.000 | 8.47 | 34.53 | 38.35 | 44.63 | 49.28 | 109.40 | -60.12 | peak |
| 2 | 5725.000 | 8.48 | 34.54 | 38.35 | 54.43 | 59.10 | 122.20 | -63.10 | peak |
| 3 pp | 5745.000 | 8.50 | 34.55 | 38.35 | 89.08 | 93.78 | 125.20 | -31.42 | peak |

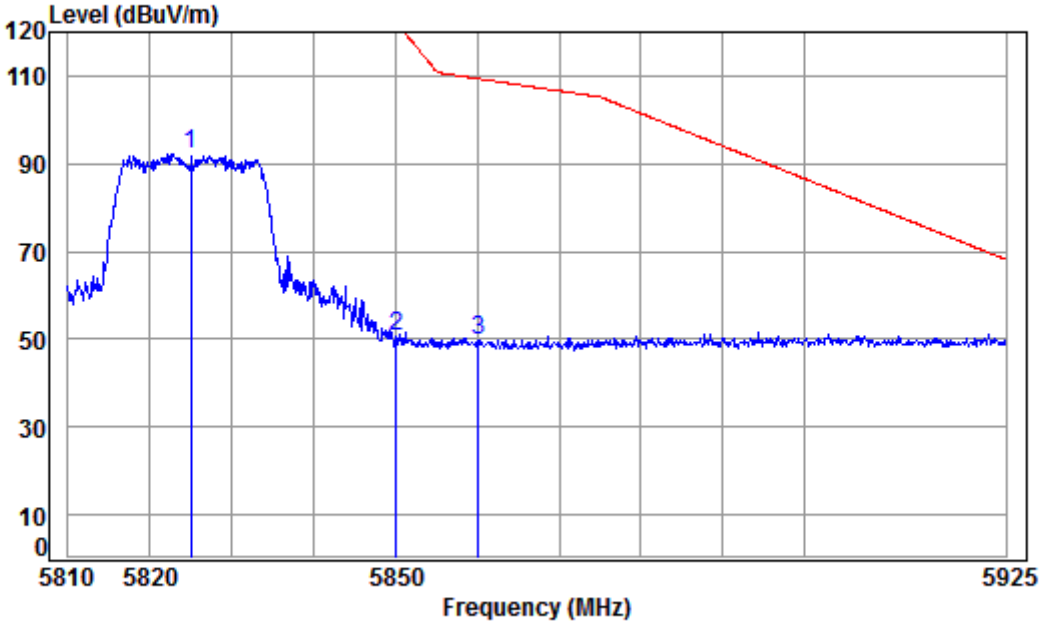
Mode:o; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5745 Band edge
Note : 5G WiFi-11AC20
Power : 20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5715.000 | 8.47 | 34.53 | 38.35 | 50.62 | 55.27 | 109.40 | -54.13 | peak |
| 2 | 5725.000 | 8.48 | 34.54 | 38.35 | 61.75 | 66.42 | 122.20 | -55.78 | peak |
| 3 pp | 5745.000 | 8.50 | 34.55 | 38.35 | 97.30 | 102.00 | 125.20 | -23.20 | peak |

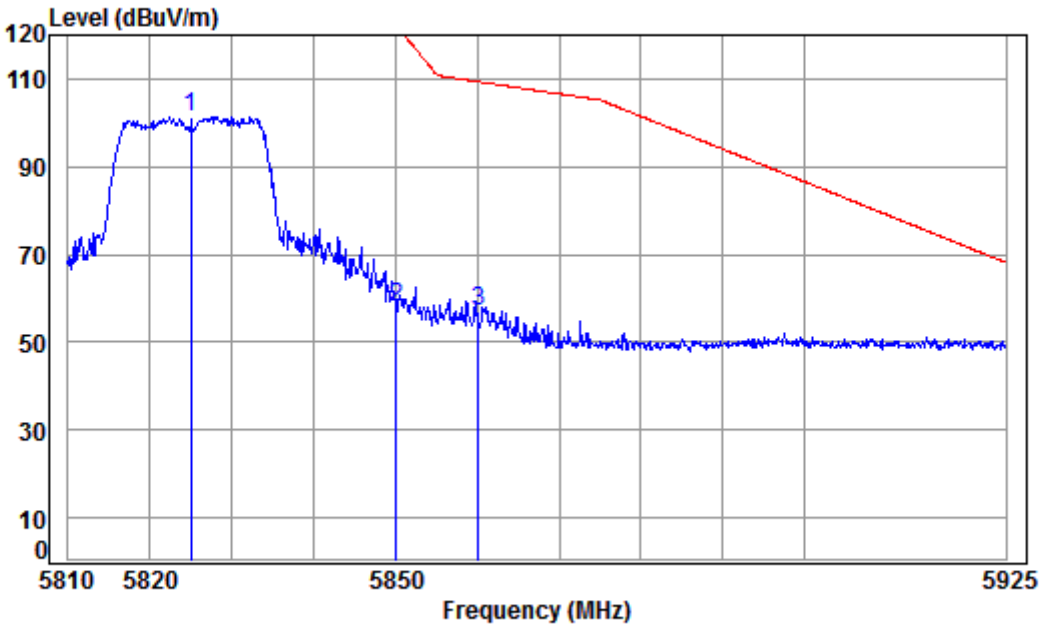
Mode:o; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5825 Band edge
Note : 5G WiFi-11AC20
Power : 20

| | | Freq | Cable Loss | 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 | 5825.000 | 8.58 | 34.60 | 38.33 | 87.35 | 92.20 | 125.20 | -33.00 | peak |
| 2 | | 5850.000 | 8.60 | 34.61 | 38.33 | 45.68 | 50.56 | 122.20 | -71.64 | peak |
| 3 | | 5860.000 | 8.61 | 34.62 | 38.33 | 45.04 | 49.94 | 109.40 | -59.46 | peak |

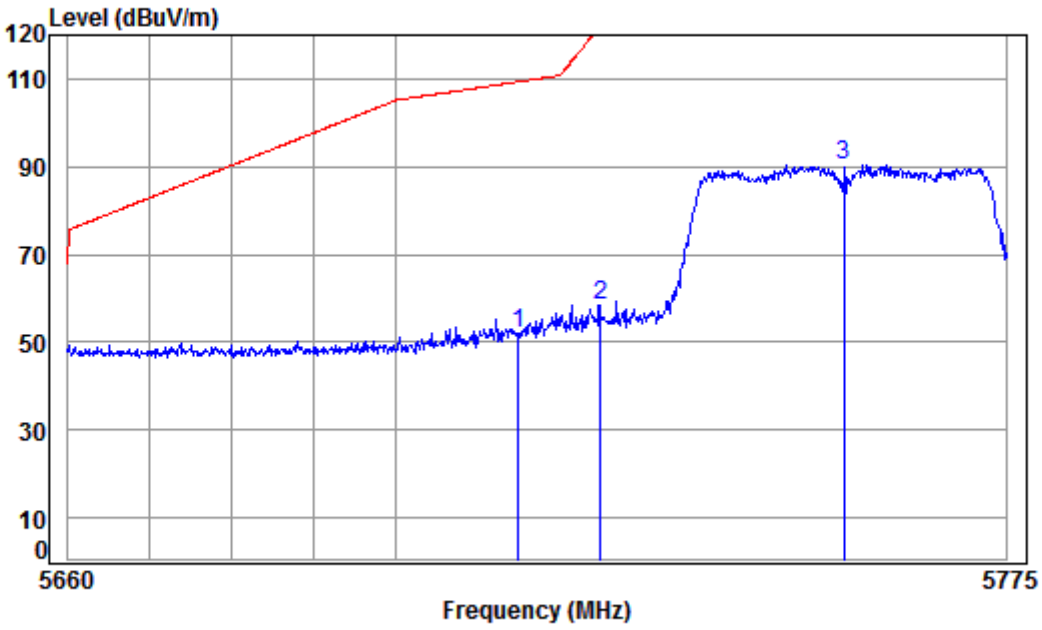
Mode:o; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5825 Band edge
Note : 5G WiFi-11AC20
Power : 20

| | Freq | Cable Loss | 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 | 5825.000 | 8.58 | 34.60 | 38.33 | 96.67 | 101.52 | 125.20 | -23.68 | peak |
| 2 | 5850.000 | 8.60 | 34.61 | 38.33 | 53.07 | 57.95 | 122.20 | -64.25 | peak |
| 3 | 5860.000 | 8.61 | 34.62 | 38.33 | 52.20 | 57.10 | 109.40 | -52.30 | peak |

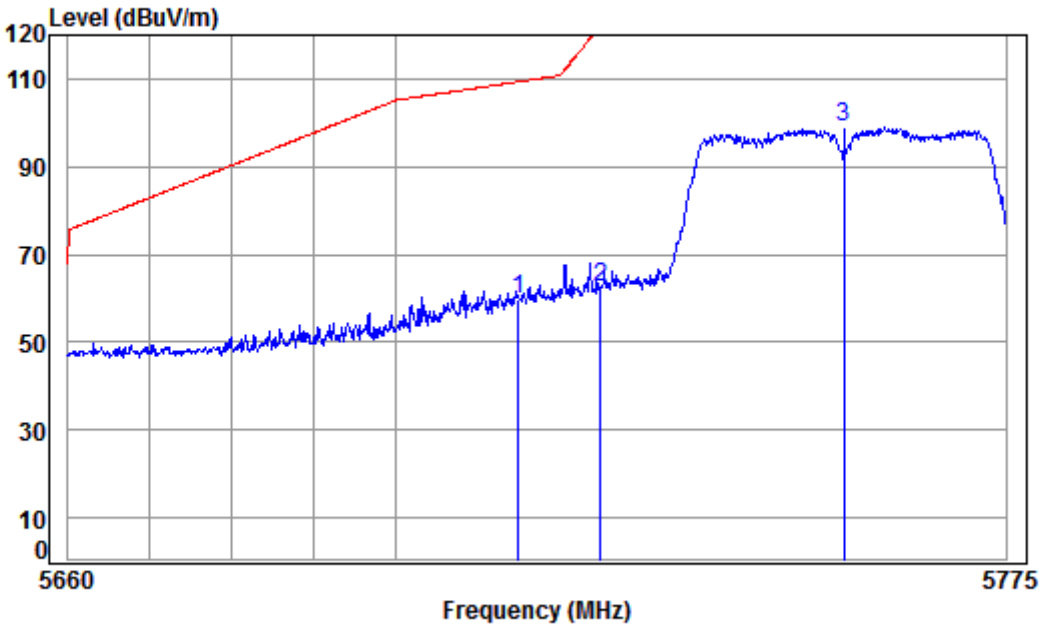
Mode:o; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5755 Band edge
Note : 5G WiFi-11AC40
Power : 20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5715.000 | 8.47 | 34.53 | 38.35 | 47.37 | 52.02 | 109.40 | -57.38 | peak |
| 2 | 5725.000 | 8.48 | 34.54 | 38.35 | 53.79 | 58.46 | 122.20 | -63.74 | peak |
| 3 pp | 5755.000 | 8.51 | 34.56 | 38.35 | 85.66 | 90.38 | 125.20 | -34.82 | peak |

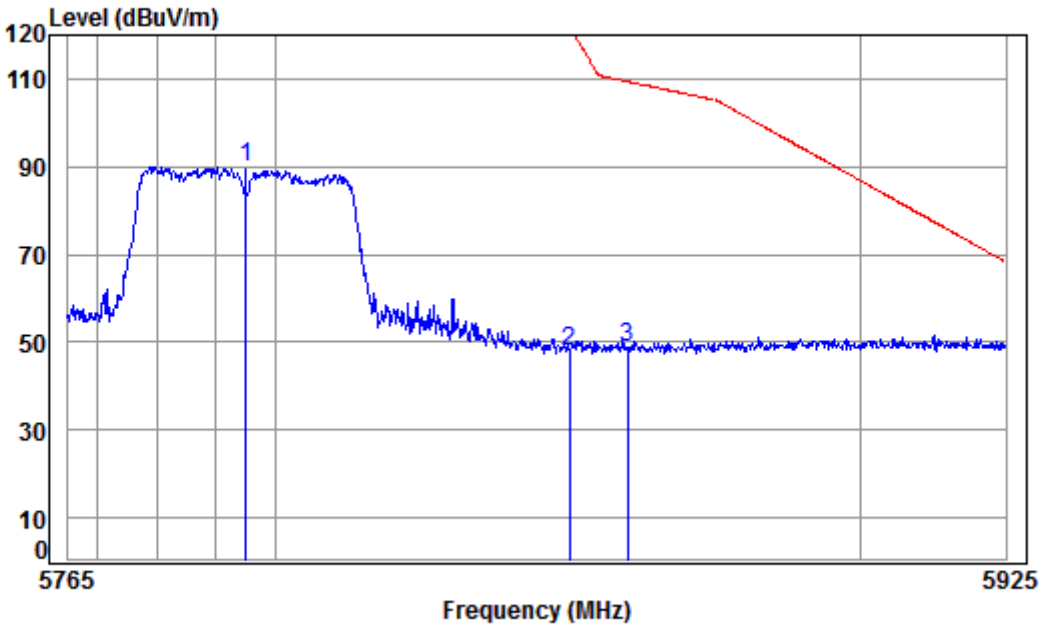
Mode:o; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5755 Band edge
Note : 5G WiFi-11AC40
Power : 20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5715.000 | 8.47 | 34.53 | 38.35 | 55.13 | 59.78 | 109.40 | -49.62 | peak |
| 2 | 5725.000 | 8.48 | 34.54 | 38.35 | 58.01 | 62.68 | 122.20 | -59.52 | peak |
| 3 pp | 5755.000 | 8.51 | 34.56 | 38.35 | 94.35 | 99.07 | 125.20 | -26.13 | peak |

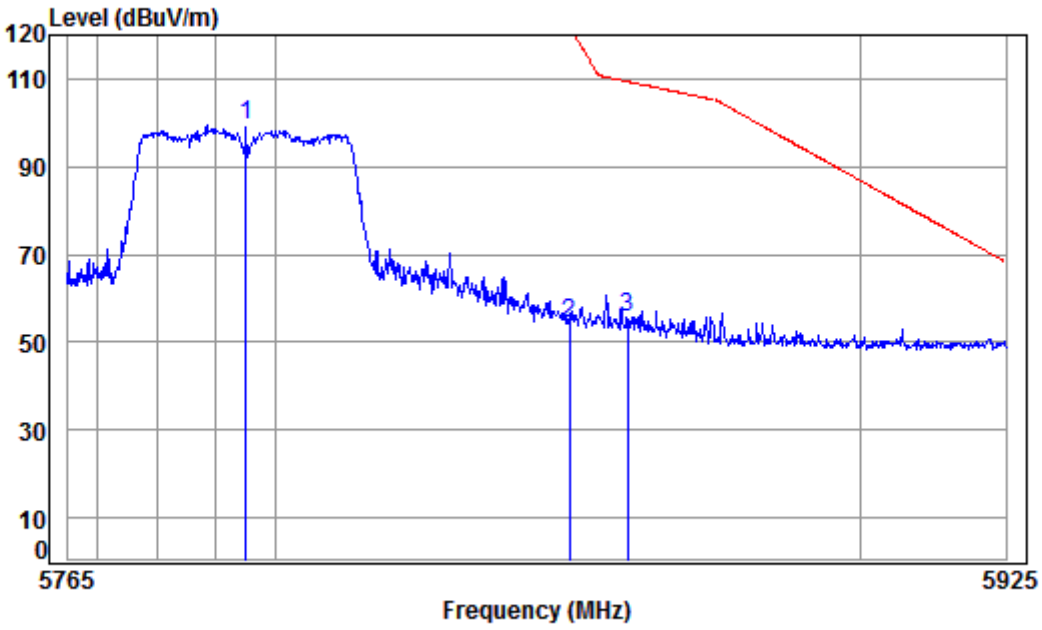
Mode:o; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5795 Band edge
Note : 5G WiFi-11AC40
Power : 20

| | Freq | Cable Loss | 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 | 5795.000 | 8.55 | 34.58 | 38.34 | 85.02 | 89.81 | 125.20 | -35.39 | peak |
| 2 | 5850.000 | 8.60 | 34.61 | 38.33 | 43.24 | 48.12 | 122.20 | -74.08 | peak |
| 3 | 5860.000 | 8.61 | 34.62 | 38.33 | 43.80 | 48.70 | 109.40 | -60.70 | peak |

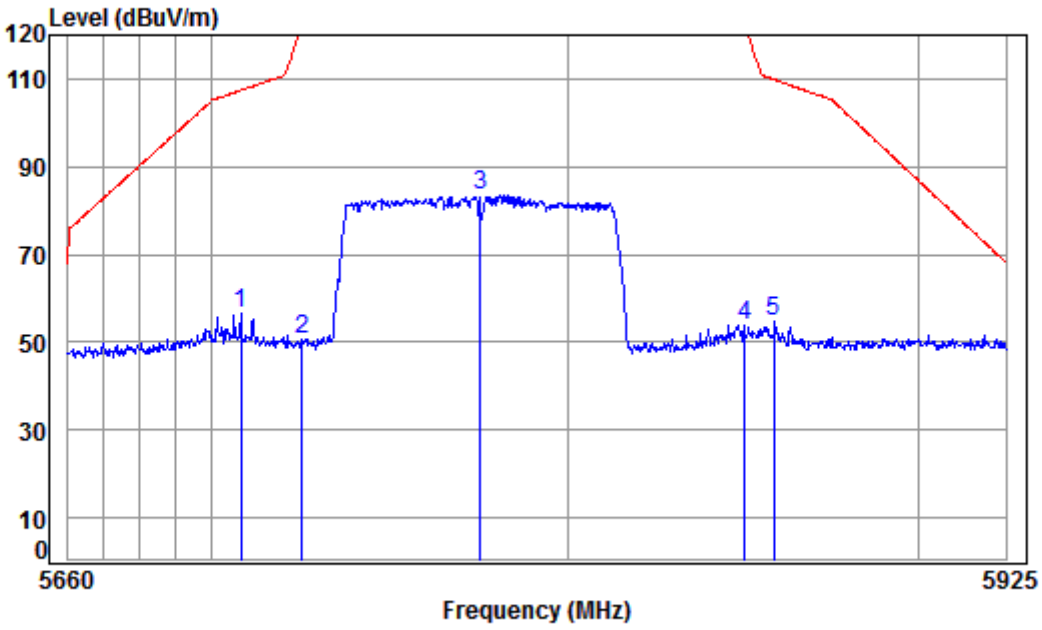
Mode:o; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5795 Band edge
Note : 5G WiFi-11AC40
Power : 20

| | Freq | Cable Loss | 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 | 5795.000 | 8.55 | 34.58 | 38.34 | 94.49 | 99.28 | 125.20 | -25.92 | peak |
| 2 | 5850.000 | 8.60 | 34.61 | 38.33 | 49.33 | 54.21 | 122.20 | -67.99 | peak |
| 3 | 5860.000 | 8.61 | 34.62 | 38.33 | 50.63 | 55.53 | 109.40 | -53.87 | peak |

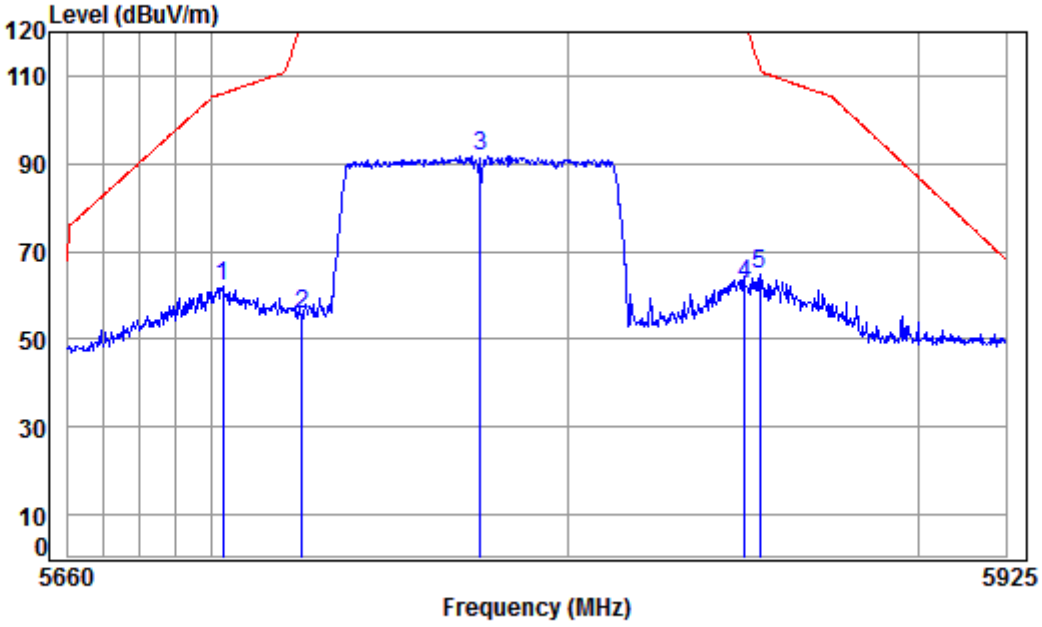
Mode:o; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:80MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5775 Band edge
Note : 5G WiFi-11AC80
Power : 10

| | | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | | 5707.854 | 8.46 | 34.53 | 38.35 | 52.11 | 56.75 | 107.40 | -50.65 | Peak |
| 2 | | 5725.000 | 8.48 | 34.54 | 38.35 | 46.08 | 50.75 | 122.20 | -71.45 | peak |
| 3 | pp | 5775.000 | 8.53 | 34.57 | 38.34 | 78.78 | 83.54 | 125.20 | -41.66 | peak |
| 4 | | 5850.000 | 8.60 | 34.61 | 38.33 | 48.83 | 53.71 | 122.20 | -68.49 | peak |
| 5 | | 5858.413 | 8.61 | 34.62 | 38.33 | 49.94 | 54.84 | 109.84 | -55.00 | Peak |

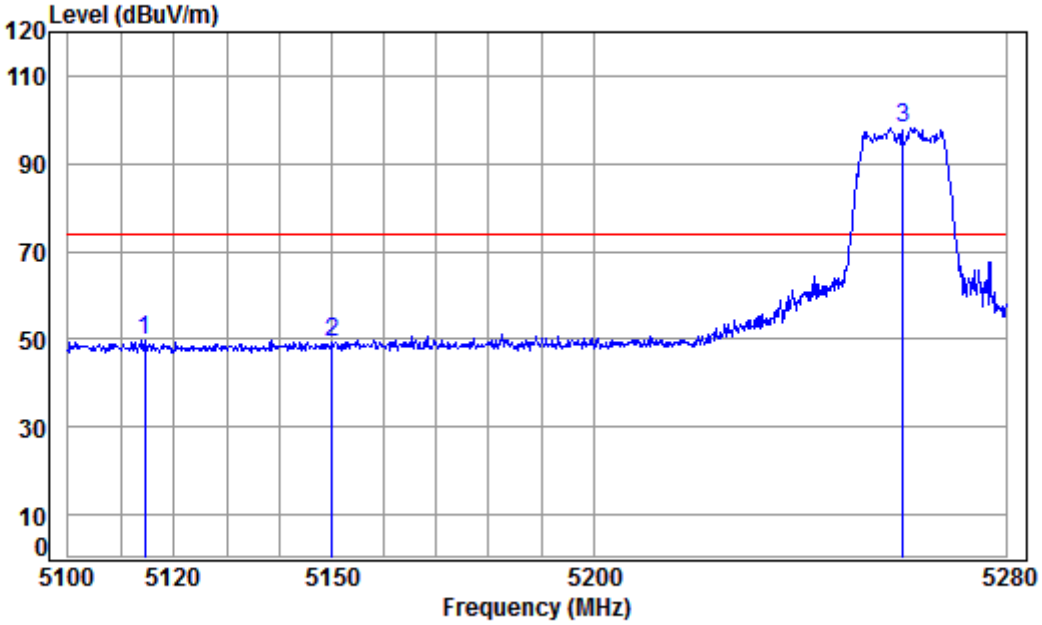
Mode:o; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:80MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5775 Band edge
Note : 5G WiFi-11AC80
Power : 10

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5702.894 | 8.46 | 34.52 | 38.36 | 57.63 | 62.25 | 106.01 | -43.76 | Peak |
| 2 | 5725.000 | 8.48 | 34.54 | 38.35 | 50.95 | 55.62 | 122.20 | -66.58 | peak |
| 3 pp | 5775.000 | 8.53 | 34.57 | 38.34 | 87.10 | 91.86 | 125.20 | -33.34 | peak |
| 4 | 5850.000 | 8.60 | 34.61 | 38.33 | 57.50 | 62.38 | 122.20 | -59.82 | peak |
| 5 | 5854.394 | 8.61 | 34.62 | 38.33 | 59.88 | 64.78 | 112.18 | -47.40 | Peak |

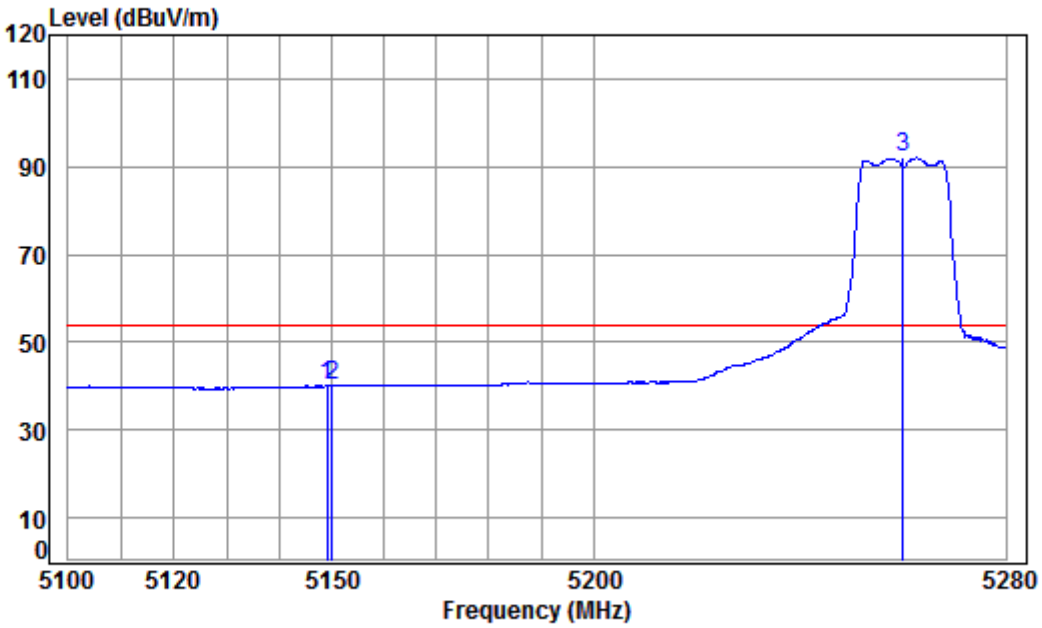
Mode:m; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5260 Band edge
Note : 5G WiFi-11A
Power : 18

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5114.526 | 8.06 | 34.48 | 38.48 | 45.66 | 49.72 | 74.00 | -24.28 | peak |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 45.41 | 49.49 | 74.00 | -24.51 | peak |
| 3 pp | 5260.000 | 8.13 | 34.45 | 38.44 | 93.98 | 98.12 | 74.00 | 24.12 | peak |

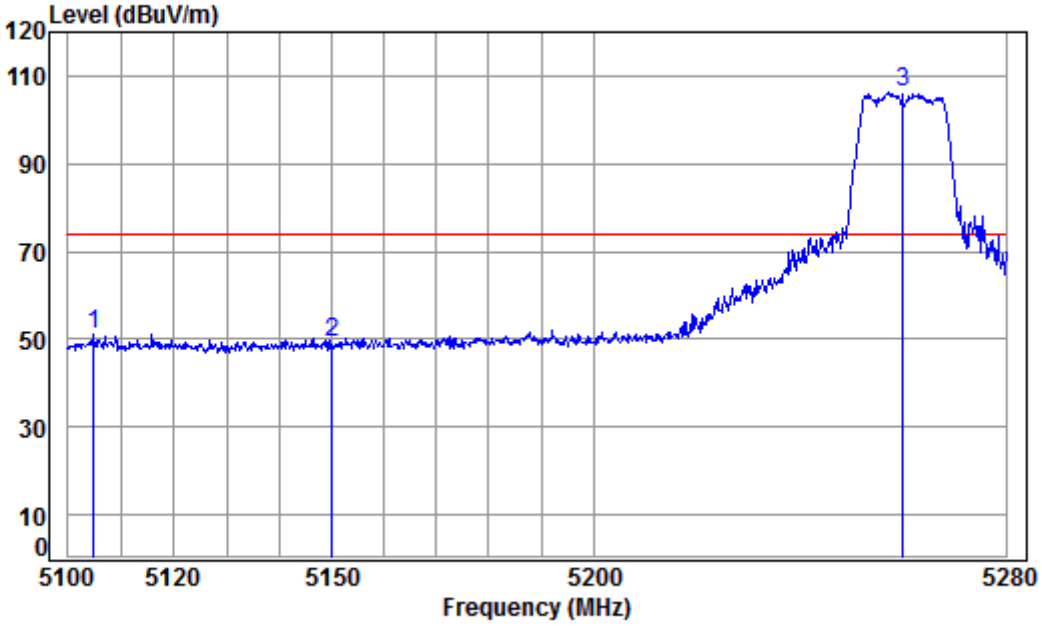
Mode:m; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5260 Band edge
Note : 5G WiFi-11A
Power : 18

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5149.058 | 8.08 | 34.47 | 38.47 | 36.07 | 40.15 | 54.00 | -13.85 | Average |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 35.97 | 40.05 | 54.00 | -13.95 | Average |
| 3 pp | 5260.000 | 8.13 | 34.45 | 38.44 | 87.84 | 91.98 | 54.00 | 37.98 | Average |

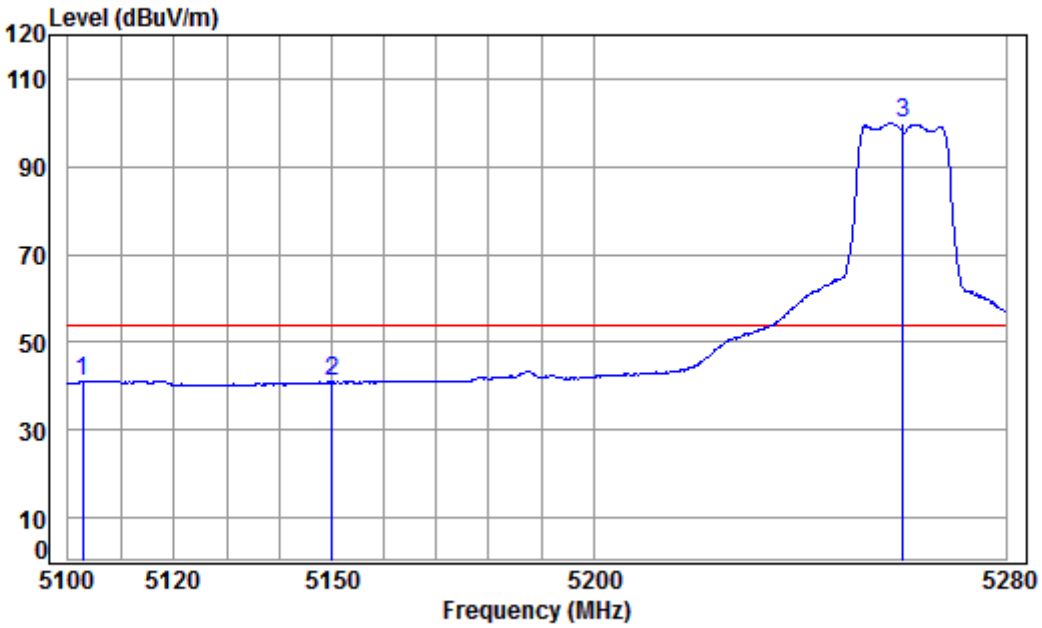
Mode:m; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5260 Band edge
Note : 5G WiFi-11A
Power : 18

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5104.956 | 8.05 | 34.48 | 38.48 | 47.06 | 51.11 | 74.00 | -22.89 | Peak |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 45.13 | 49.21 | 74.00 | -24.79 | Peak |
| 3 pp | 5260.000 | 8.13 | 34.45 | 38.44 | 102.37 | 106.51 | 74.00 | 32.51 | Peak |

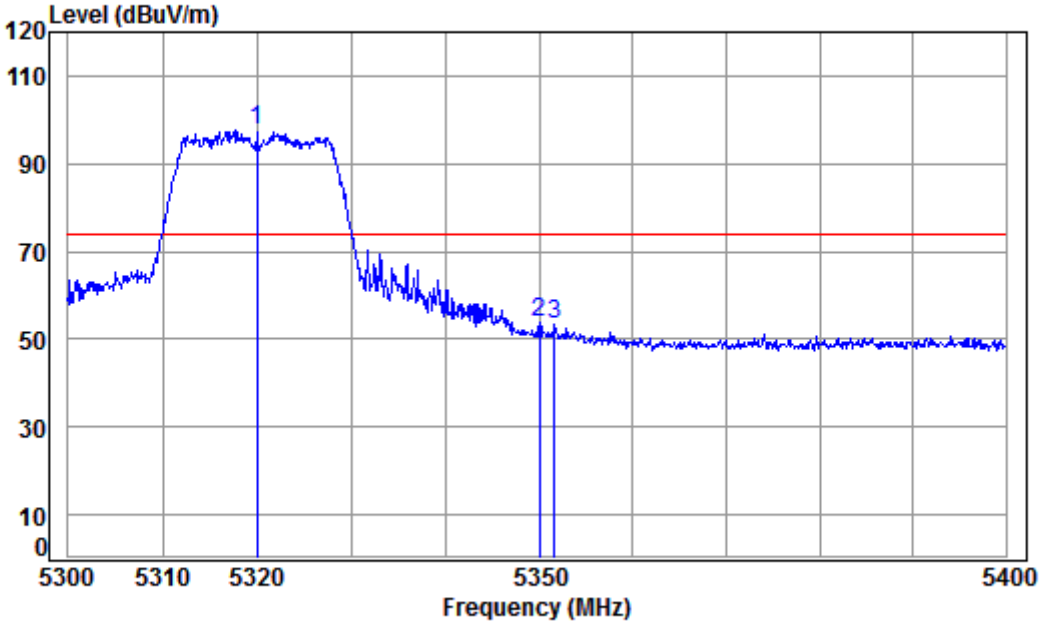
Mode:m; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5260 Band edge
Note : 5G WiFi-11A
Power : 18

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5102.831 | 8.05 | 34.48 | 38.48 | 37.21 | 41.26 | 54.00 | -12.74 | Average |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 36.78 | 40.86 | 54.00 | -13.14 | Average |
| 3 pp | 5260.000 | 8.13 | 34.45 | 38.44 | 95.67 | 99.81 | 54.00 | 45.81 | Average |

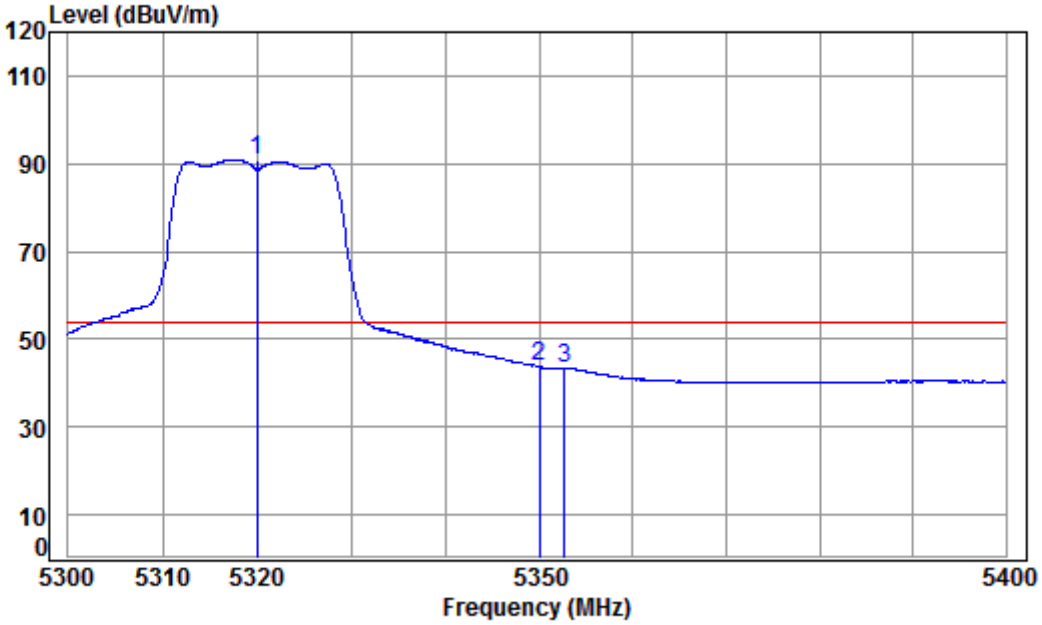
Mode:m; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5320 Band edge
Note : 5G WiFi-11A
Power : 18

| | Freq | Cable Loss | 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 | 8.16 | 34.43 | 38.43 | 93.49 | 97.65 | 74.00 | 23.65 | peak |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 49.64 | 53.82 | 74.00 | -20.18 | peak |
| 3 | 5351.667 | 8.18 | 34.43 | 38.43 | 49.13 | 53.31 | 74.00 | -20.69 | peak |

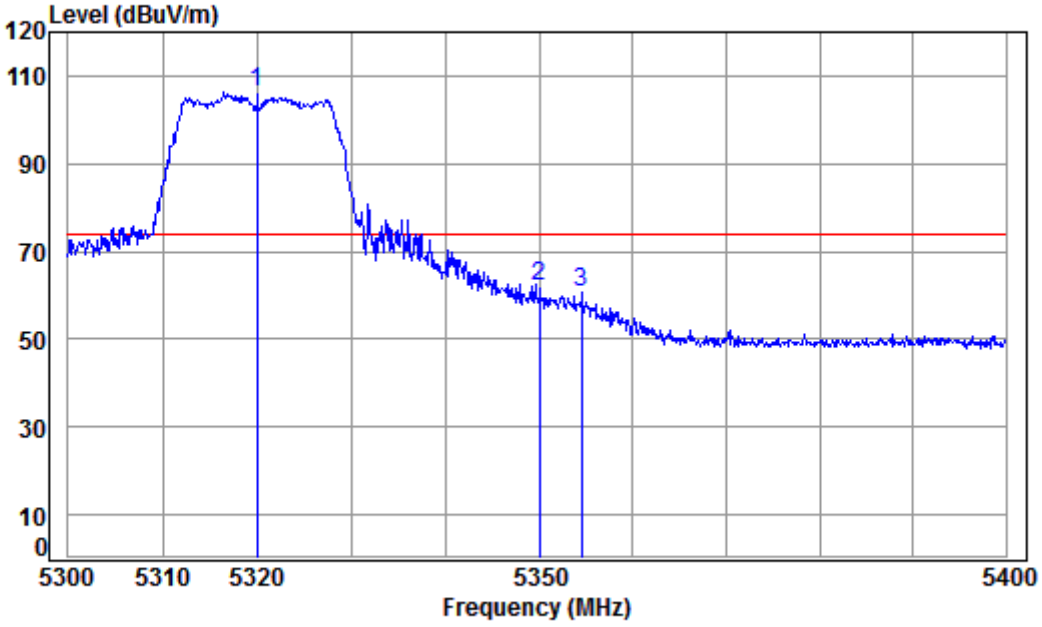
Mode:m; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5320 Band edge
Note : 5G WiFi-11A
Power : 18

| | Freq | Cable Loss | 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 | 8.16 | 34.43 | 38.43 | 86.83 | 90.99 | 54.00 | 36.99 | Average |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 39.70 | 43.88 | 54.00 | -10.12 | Average |
| 3 | 5352.667 | 8.18 | 34.43 | 38.43 | 39.32 | 43.50 | 54.00 | -10.50 | Average |

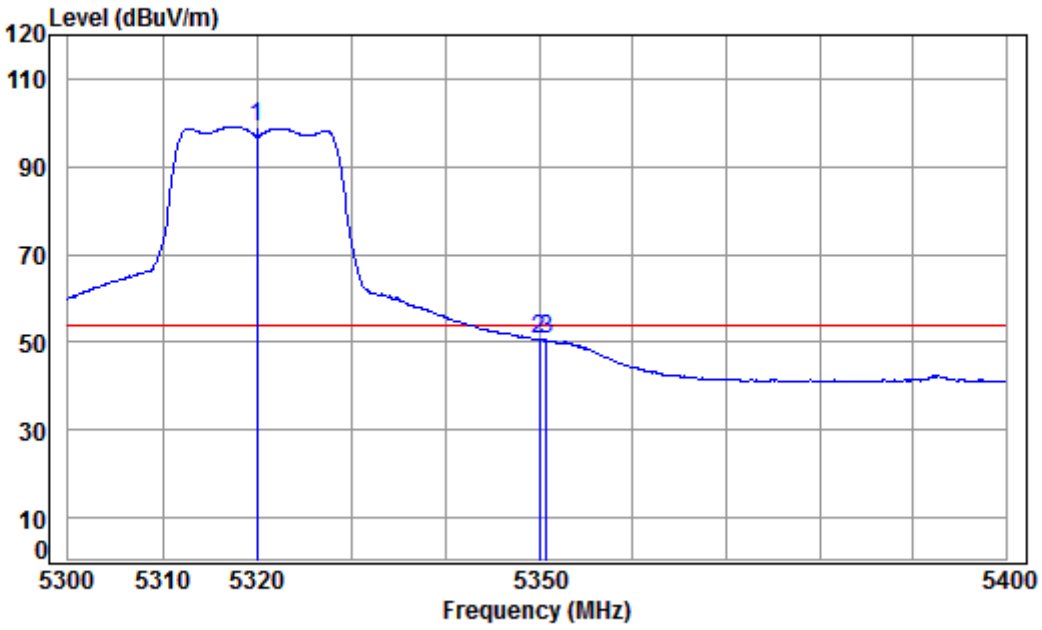
Mode:m; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5320 Band edge
Note : 5G WiFi-11A
Power : 18

| | Freq | Cable Loss | 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 | 8.16 | 34.43 | 38.43 | 102.04 | 106.20 | 74.00 | 32.20 | Peak |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 57.89 | 62.07 | 74.00 | -11.93 | Peak |
| 3 | 5354.568 | 8.18 | 34.43 | 38.42 | 56.69 | 60.88 | 74.00 | -13.12 | Peak |

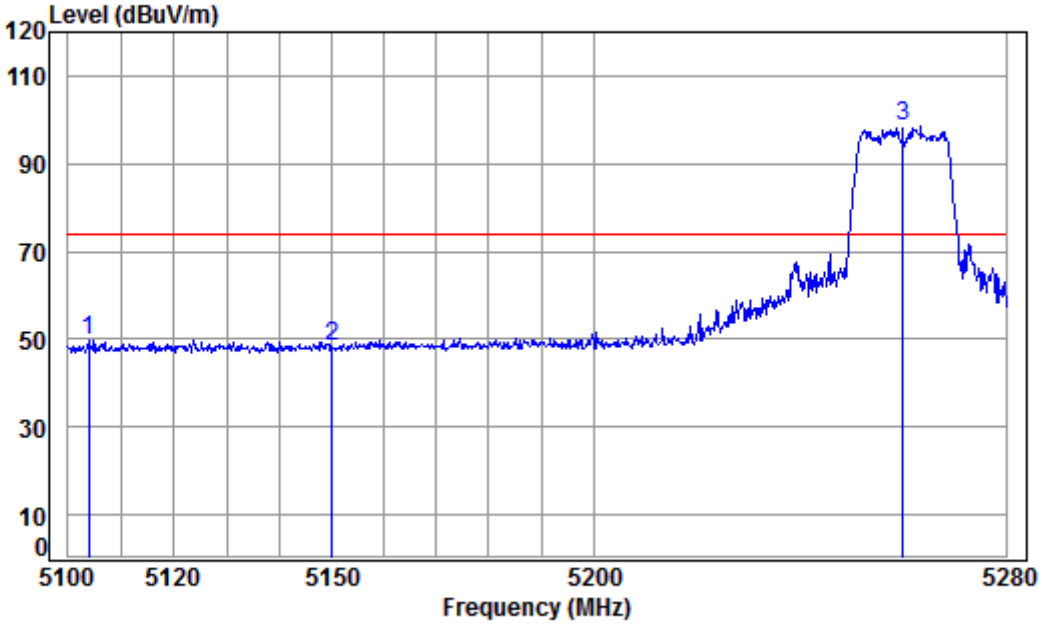
Mode:m; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5320 Band edge
Note : 5G WiFi-11A
Power : 18

| | Freq | Cable Loss | 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 | 8.16 | 34.43 | 38.43 | 94.97 | 99.13 | 54.00 | 45.13 | Average |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 46.62 | 50.80 | 54.00 | -3.20 | Average |
| 3 | 5350.767 | 8.18 | 34.43 | 38.43 | 46.28 | 50.46 | 54.00 | -3.54 | Average |

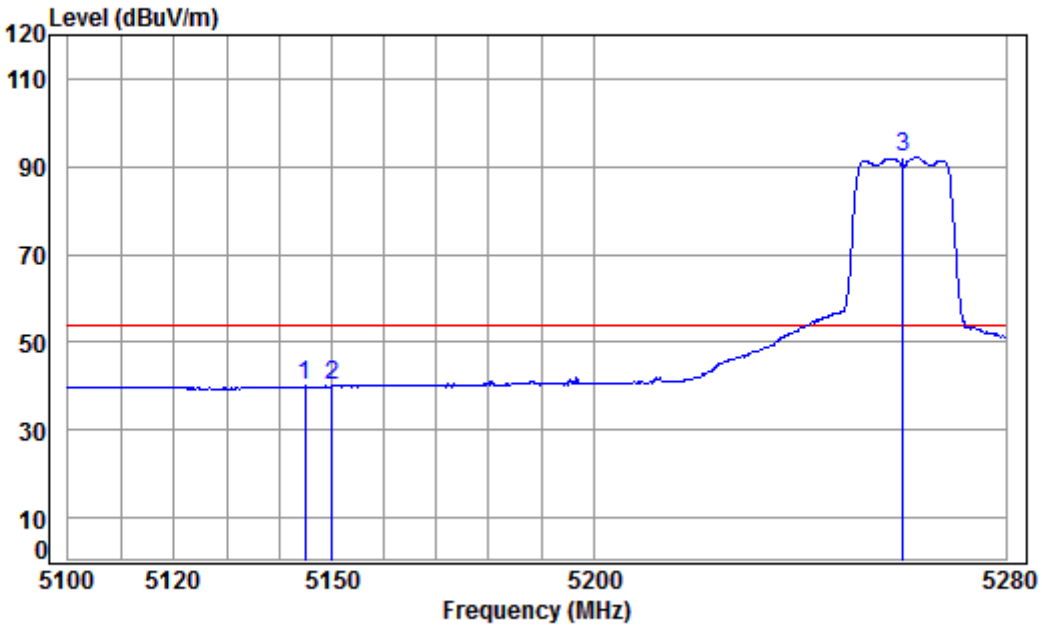
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5260 Band edge
Note : 5G WiFi-11N20
Power : 20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5103.893 | 8.05 | 34.48 | 38.48 | 45.90 | 49.95 | 74.00 | -24.05 | peak |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 44.50 | 48.58 | 74.00 | -25.42 | peak |
| 3 pp | 5260.000 | 8.13 | 34.45 | 38.44 | 94.46 | 98.60 | 74.00 | 24.60 | peak |

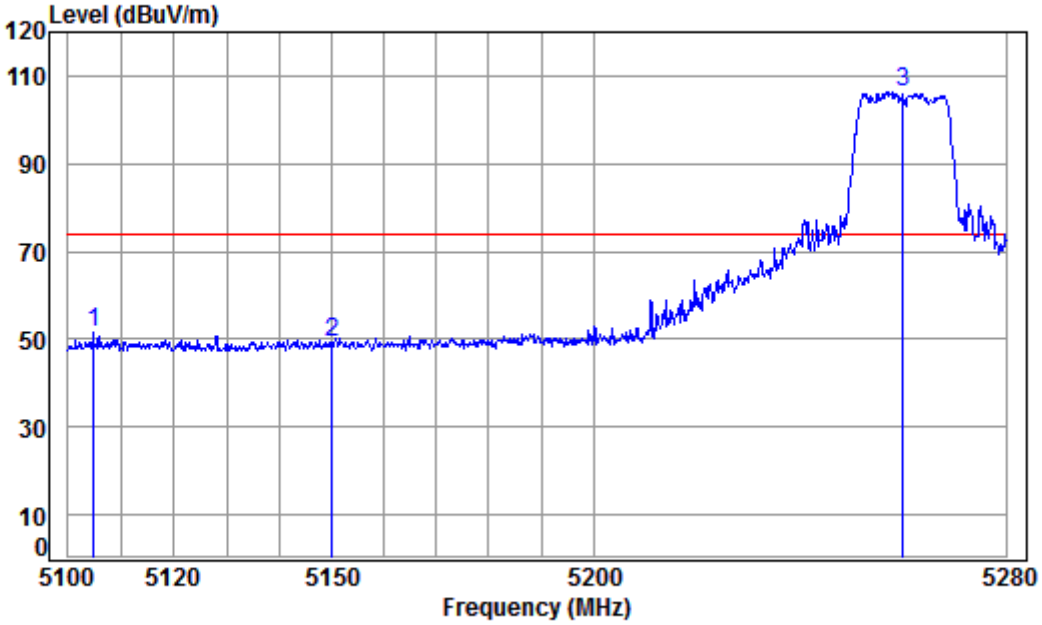
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5260 Band edge
Note : 5G WiFi-11N20
Power : 20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5144.952 | 8.07 | 34.47 | 38.47 | 35.90 | 39.97 | 54.00 | -14.03 | Average |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 35.90 | 39.98 | 54.00 | -14.02 | Average |
| 3 pp | 5260.000 | 8.13 | 34.45 | 38.44 | 87.96 | 92.10 | 54.00 | 38.10 | Average |

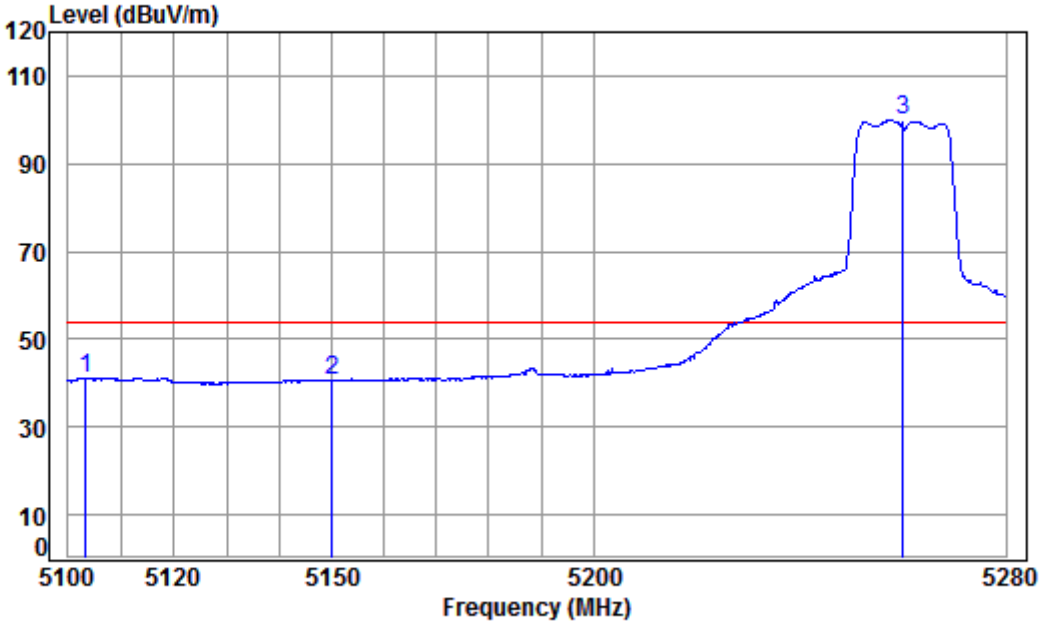
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5260 Band edge
Note : 5G WiFi-11N20
Power : 20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5104.778 | 8.05 | 34.48 | 38.48 | 47.33 | 51.38 | 74.00 | -22.62 | Peak |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 45.06 | 49.14 | 74.00 | -24.86 | Peak |
| 3 pp | 5260.000 | 8.13 | 34.45 | 38.44 | 102.15 | 106.29 | 74.00 | 32.29 | Peak |

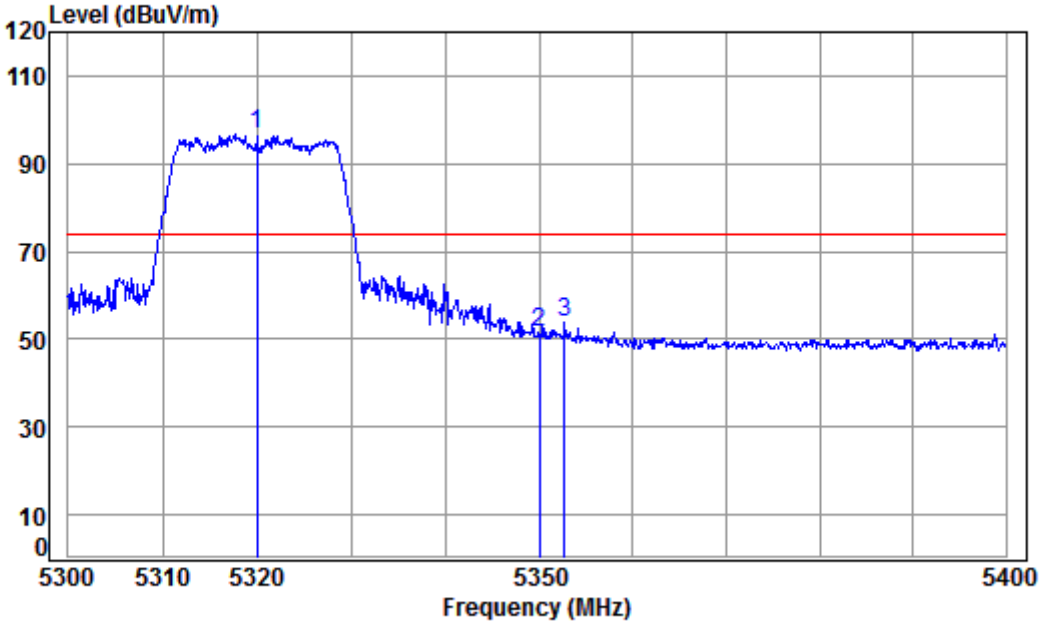
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5260 Band edge
Note : 5G WiFi-11N20
Power : 20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5103.362 | 8.05 | 34.48 | 38.48 | 37.13 | 41.18 | 54.00 | -12.82 | Average |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 36.69 | 40.77 | 54.00 | -13.23 | Average |
| 3 pp | 5260.000 | 8.13 | 34.45 | 38.44 | 95.73 | 99.87 | 54.00 | 45.87 | Average |

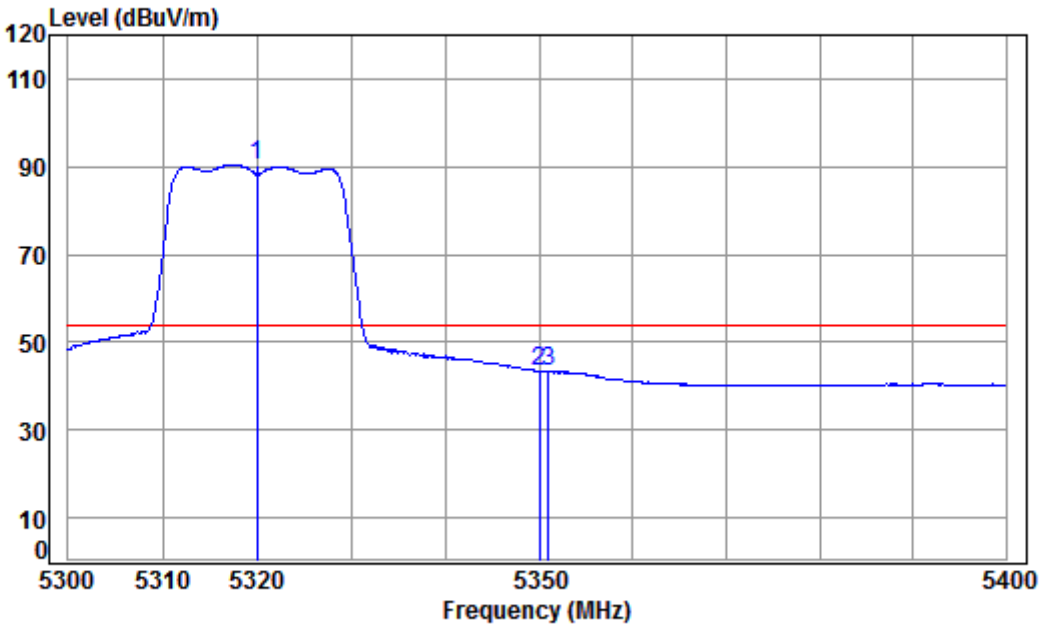
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5320 Band edge
Note : 5G WiFi-11N20
Power : 18

| | Freq | Cable Loss | 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 | 8.16 | 34.43 | 38.43 | 92.61 | 96.77 | 74.00 | 22.77 | peak |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 47.17 | 51.35 | 74.00 | -22.65 | peak |
| 3 | 5352.667 | 8.18 | 34.43 | 38.43 | 49.73 | 53.91 | 74.00 | -20.09 | peak |

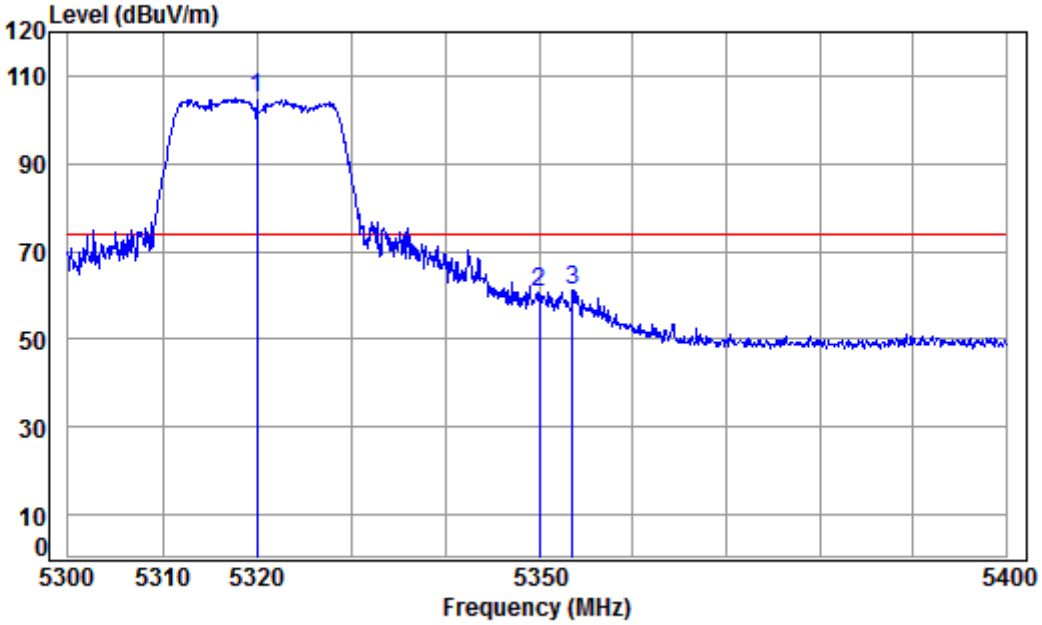
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5320 Band edge
Note : 5G WiFi-11N20
Power : 18

| | Freq | Cable Loss | 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 | 8.16 | 34.43 | 38.43 | 86.40 | 90.56 | 54.00 | 36.56 | Average |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 39.38 | 43.56 | 54.00 | -10.44 | Average |
| 3 | 5350.966 | 8.18 | 34.43 | 38.43 | 39.20 | 43.38 | 54.00 | -10.62 | Average |

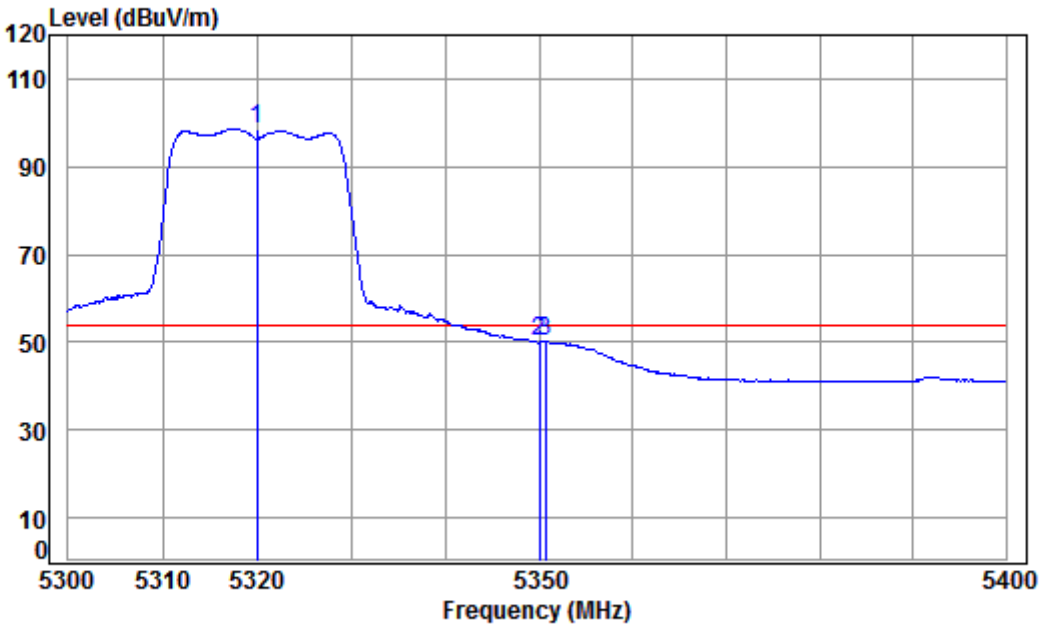
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5320 Band edge
Note : 5G WiFi-11N20
Power : 18

| | Freq | Cable Loss | 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 | 8.16 | 34.43 | 38.43 | 100.61 | 104.77 | 74.00 | 30.77 | Peak |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 56.46 | 60.64 | 74.00 | -13.36 | Peak |
| 3 | 5353.568 | 8.18 | 34.43 | 38.43 | 56.87 | 61.05 | 74.00 | -12.95 | Peak |

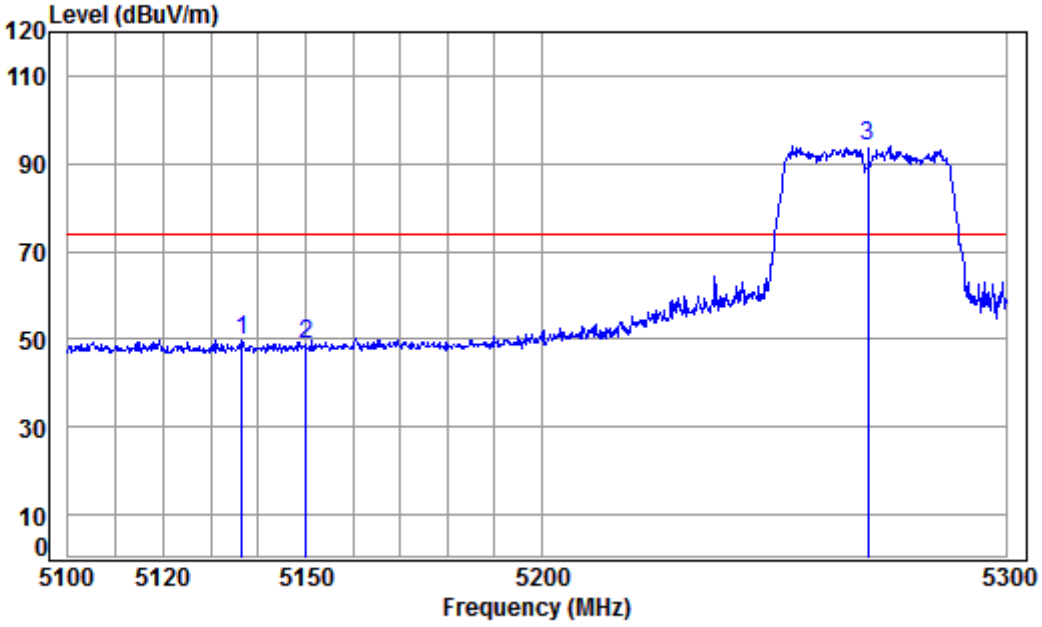
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5320 Band edge
Note : 5G WiFi-11N20
Power : 18

| | Freq | Cable Loss | 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 | 8.16 | 34.43 | 38.43 | 94.39 | 98.55 | 54.00 | 44.55 | Average |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 45.89 | 50.07 | 54.00 | -3.93 | Average |
| 3 | 5350.667 | 8.18 | 34.43 | 38.43 | 45.93 | 50.11 | 54.00 | -3.89 | Average |

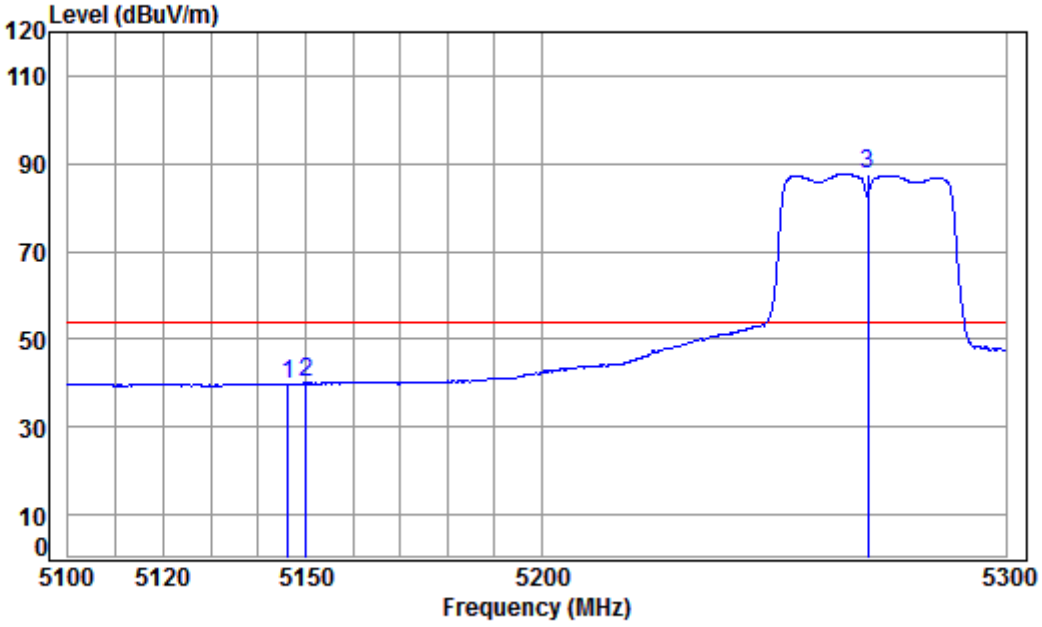
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5270 Band edge
Note : 5G WiFi-11N40
Power : 20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5136.620 | 8.07 | 34.47 | 38.47 | 45.82 | 49.89 | 74.00 | -24.11 | peak |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 44.78 | 48.86 | 74.00 | -25.14 | peak |
| 3 pp | 5270.000 | 8.14 | 34.44 | 38.44 | 89.69 | 93.83 | 74.00 | 19.83 | peak |

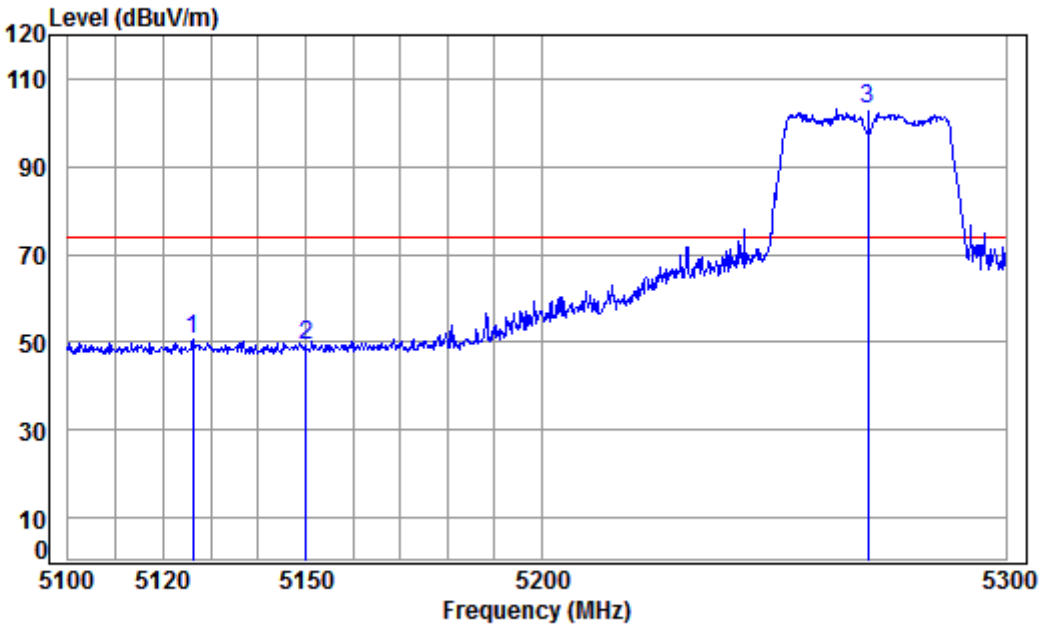
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5270 Band edge
Note : 5G WiFi-11N40
Power : 20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5146.311 | 8.08 | 34.47 | 38.47 | 35.83 | 39.91 | 54.00 | -14.09 | Average |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 35.87 | 39.95 | 54.00 | -14.05 | Average |
| 3 pp | 5270.000 | 8.14 | 34.44 | 38.44 | 83.50 | 87.64 | 54.00 | 33.64 | Average |

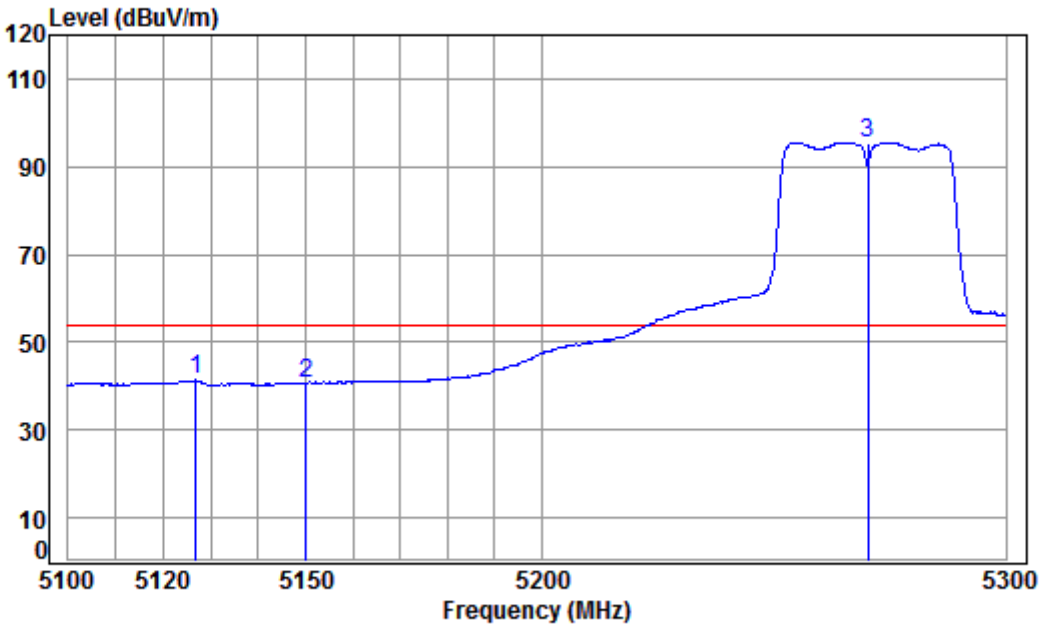
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5270 Band edge
Note : 5G WiFi-11N40
Power : 20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5126.159 | 8.07 | 34.47 | 38.47 | 46.48 | 50.55 | 74.00 | -23.45 | Peak |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 45.42 | 49.50 | 74.00 | -24.50 | Peak |
| 3 pp | 5270.000 | 8.14 | 34.44 | 38.44 | 98.81 | 102.95 | 74.00 | 28.95 | Peak |

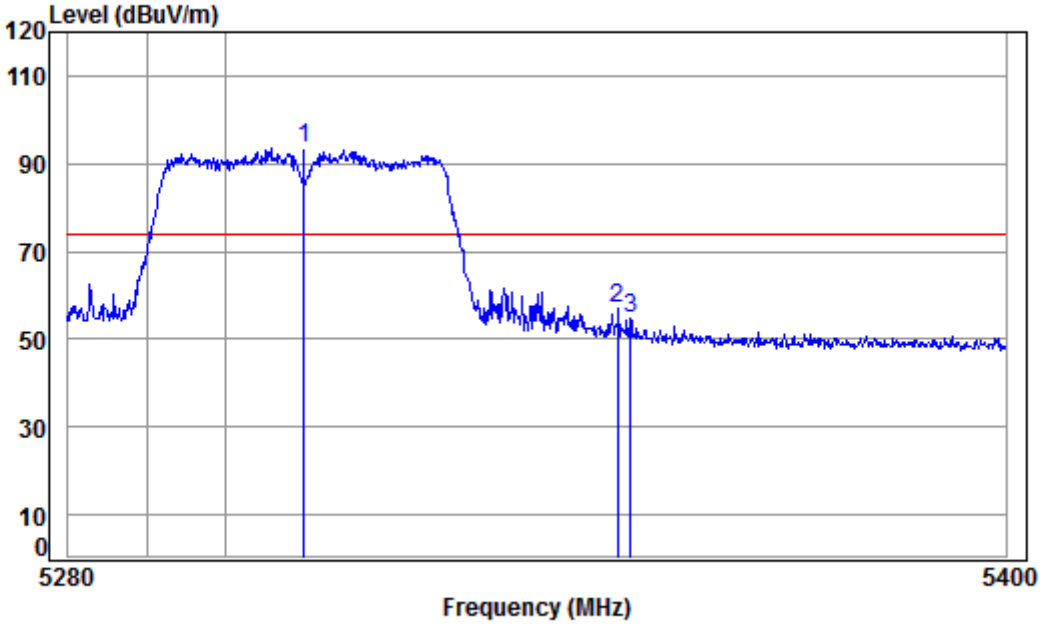
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5270 Band edge
Note : 5G WiFi-11N40
Power : 20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5126.750 | 8.07 | 34.47 | 38.47 | 37.26 | 41.33 | 54.00 | -12.67 | Average |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 36.74 | 40.82 | 54.00 | -13.18 | Average |
| 3 pp | 5270.000 | 8.14 | 34.44 | 38.44 | 91.44 | 95.58 | 54.00 | 41.58 | Average |

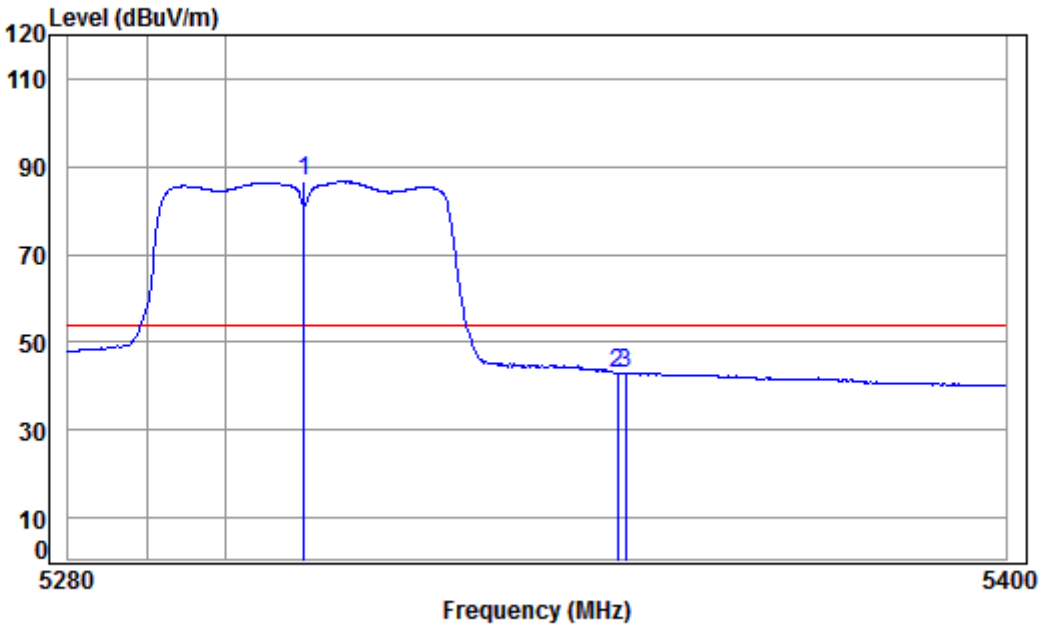
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5310 Band edge
Note : 5G WiFi-11N40
Power : 18

| | Freq | Cable Loss | 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 | 8.16 | 34.44 | 38.43 | 89.35 | 93.52 | 74.00 | 19.52 | peak |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 52.78 | 56.96 | 74.00 | -17.04 | peak |
| 3 | 5351.676 | 8.18 | 34.43 | 38.43 | 50.37 | 54.55 | 74.00 | -19.45 | peak |

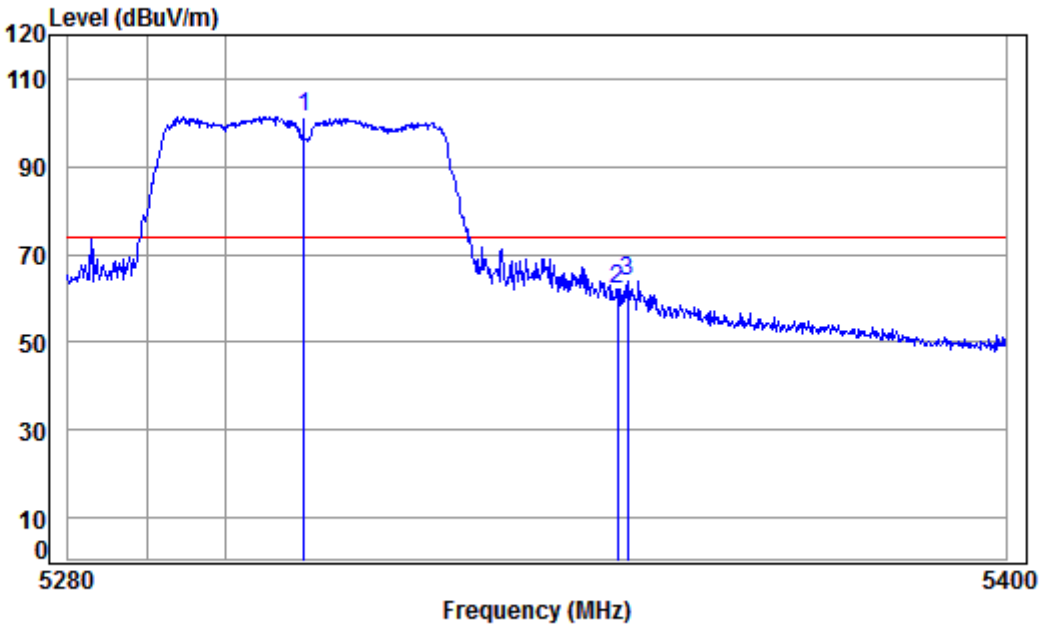
Mode:m; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:40MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5310 Band edge
Note : 5G WiFi-11N40
Power : 18

| | Freq | Cable Loss | 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 | 8.16 | 34.44 | 38.43 | 82.36 | 86.53 | 54.00 | 32.53 | Average |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 38.85 | 43.03 | 54.00 | -10.97 | Average |
| 3 | 5351.075 | 8.18 | 34.43 | 38.43 | 38.91 | 43.09 | 54.00 | -10.91 | Average |

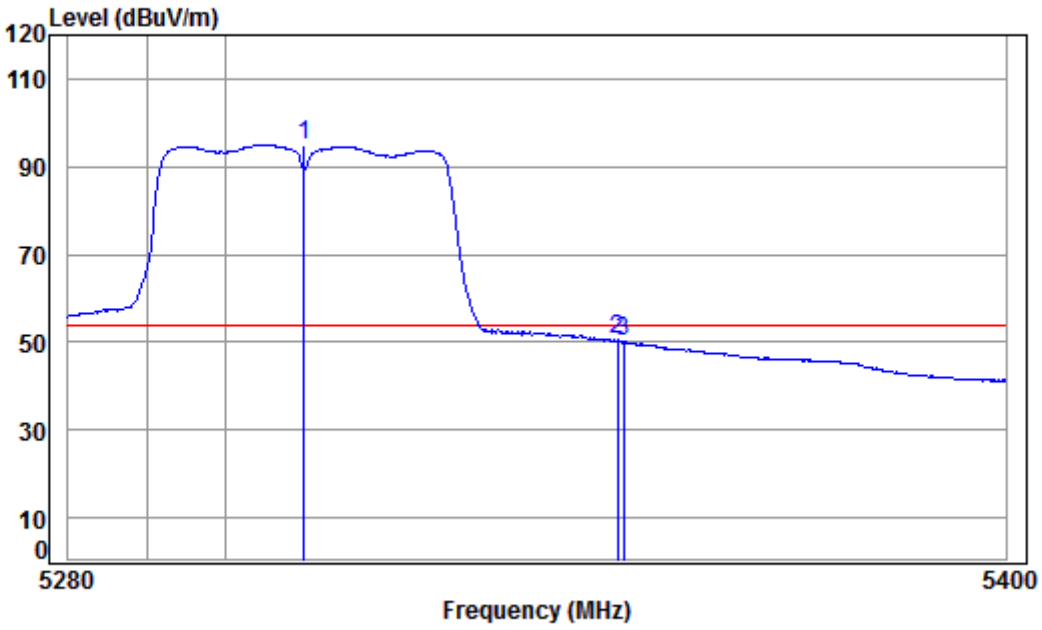
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5310 Band edge
Note : 5G WiFi-11N40
Power : 18

| | Freq | Cable Loss | 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 | 8.16 | 34.44 | 38.43 | 97.31 | 101.48 | 74.00 | 27.48 | Peak |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 58.09 | 62.27 | 74.00 | -11.73 | Peak |
| 3 | 5351.315 | 8.18 | 34.43 | 38.43 | 59.74 | 63.92 | 74.00 | -10.08 | Peak |

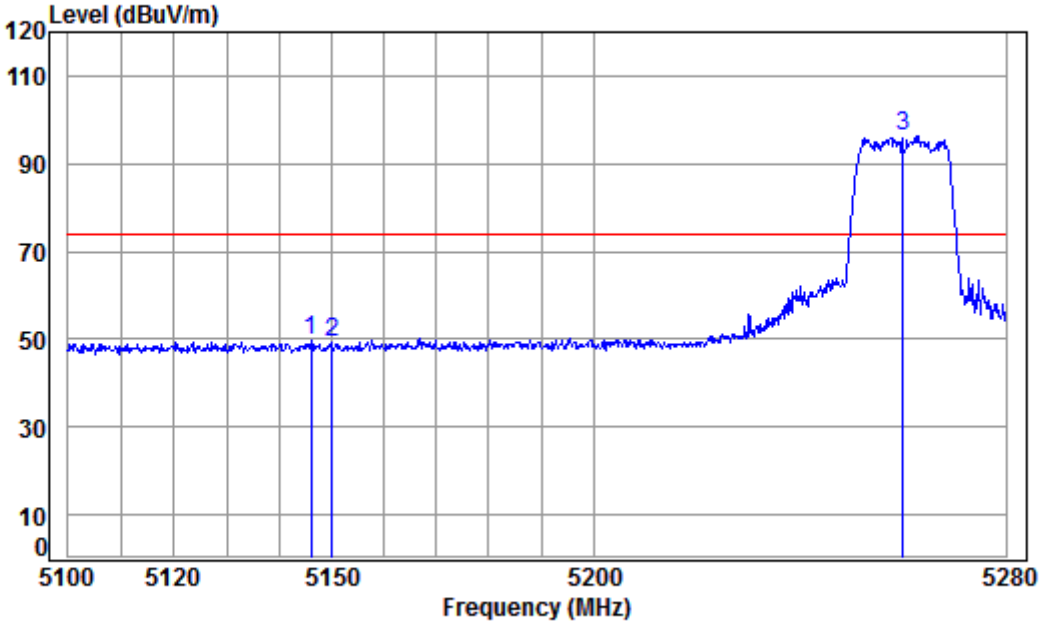
Mode:m; Polarization:Vertical; Modulation Type:802.11n; bandwidth:40MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5310 Band edge
Note : 5G WiFi-11N40
Power : 18

| | Freq | Cable Loss | 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 | 8.16 | 34.44 | 38.43 | 90.72 | 94.89 | 54.00 | 40.89 | Average |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 46.29 | 50.47 | 54.00 | -3.53 | Average |
| 3 | 5350.714 | 8.18 | 34.43 | 38.43 | 45.89 | 50.07 | 54.00 | -3.93 | Average |

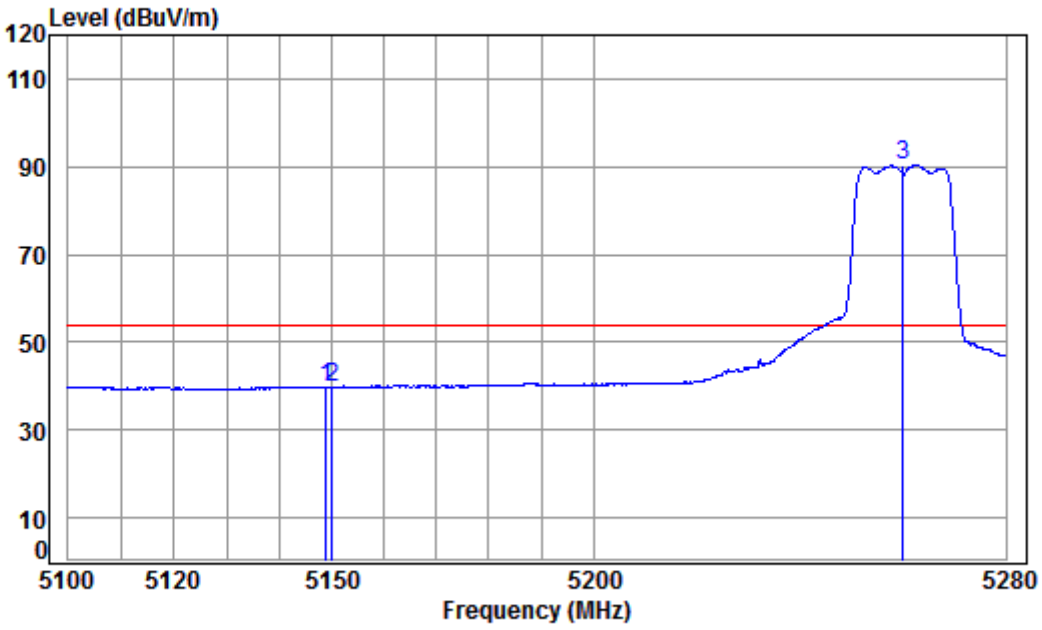
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5260 Band edge
Note : 5G WiFi-11AC20
Power : 18

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5146.022 | 8.08 | 34.47 | 38.47 | 45.52 | 49.60 | 74.00 | -24.40 | peak |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 45.11 | 49.19 | 74.00 | -24.81 | peak |
| 3 pp | 5260.000 | 8.13 | 34.45 | 38.44 | 92.27 | 96.41 | 74.00 | 22.41 | peak |

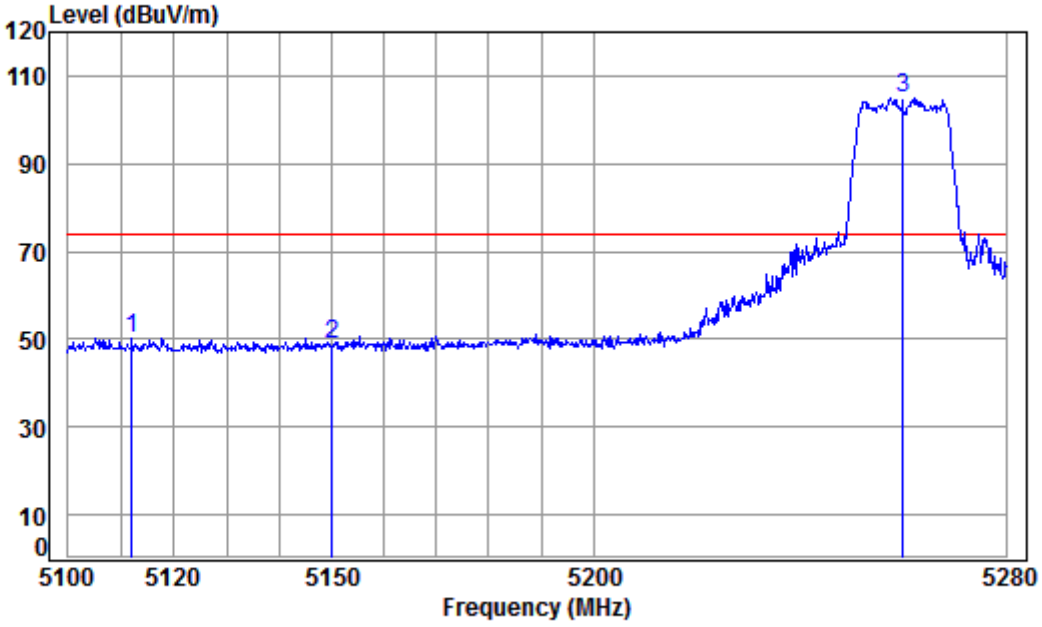
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5260 Band edge
Note : 5G WiFi-11AC20
Power : 18

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5148.879 | 8.08 | 34.47 | 38.47 | 35.78 | 39.86 | 54.00 | -14.14 | Average |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 35.77 | 39.85 | 54.00 | -14.15 | Average |
| 3 pp | 5260.000 | 8.13 | 34.45 | 38.44 | 86.13 | 90.27 | 54.00 | 36.27 | Average |

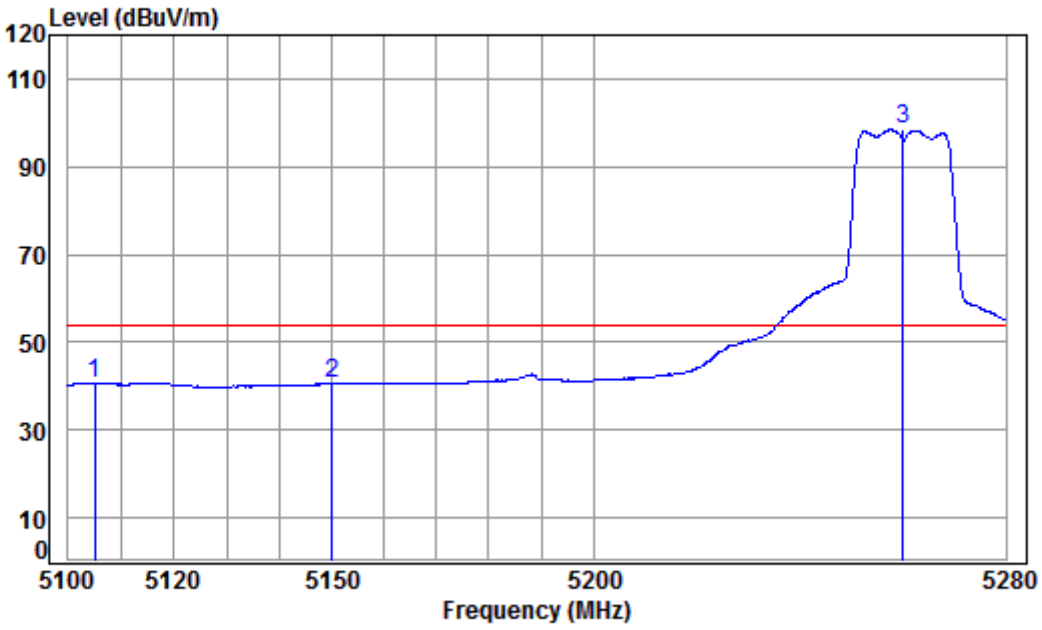
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5260 Band edge
Note : 5G WiFi-11AC20
Power : 18

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5112.043 | 8.06 | 34.48 | 38.48 | 46.24 | 50.30 | 74.00 | -23.70 | Peak |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 44.54 | 48.62 | 74.00 | -25.38 | Peak |
| 3 pp | 5260.000 | 8.13 | 34.45 | 38.44 | 100.70 | 104.84 | 74.00 | 30.84 | Peak |

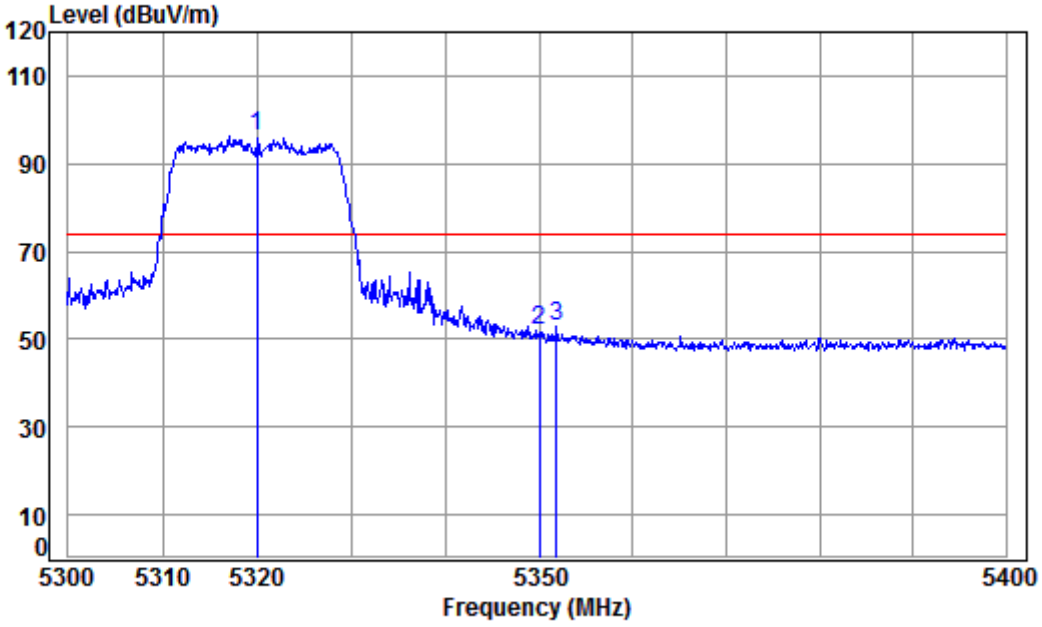
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5260 Band edge
Note : 5G WiFi-11AC20
Power : 18

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5105.133 | 8.05 | 34.48 | 38.48 | 36.79 | 40.84 | 54.00 | -13.16 | Average |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 36.62 | 40.70 | 54.00 | -13.30 | Average |
| 3 pp | 5260.000 | 8.13 | 34.45 | 38.44 | 94.26 | 98.40 | 54.00 | 44.40 | Average |

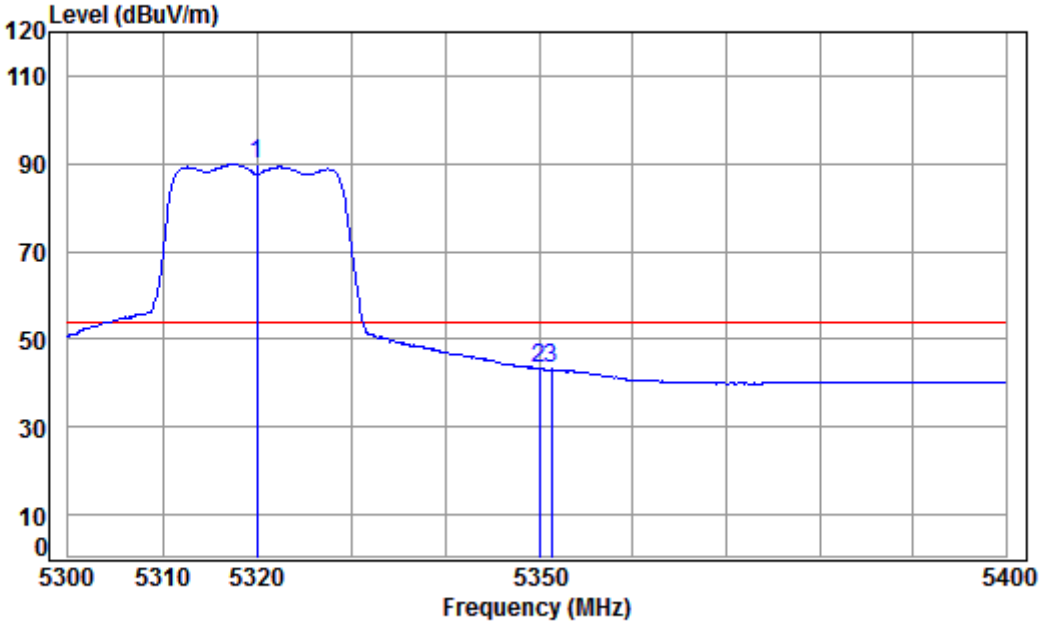
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5320 Band edge
Note : 5G WiFi-11AC20
Power : 18

| | Freq | Cable Loss | 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 | 8.16 | 34.43 | 38.43 | 91.91 | 96.07 | 74.00 | 22.07 | peak |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 48.02 | 52.20 | 74.00 | -21.80 | peak |
| 3 | 5351.867 | 8.18 | 34.43 | 38.43 | 48.84 | 53.02 | 74.00 | -20.98 | peak |

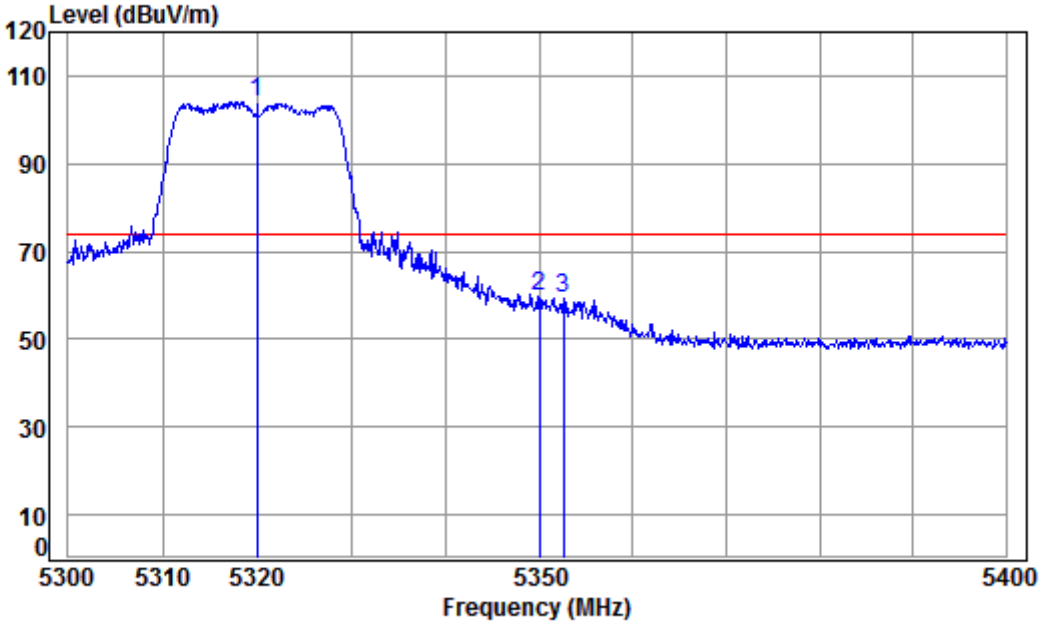
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5320 Band edge
Note : 5G WiFi-11AC20
Power : 18

| | Freq | Cable Loss | 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 | 8.16 | 34.43 | 38.43 | 85.60 | 89.76 | 54.00 | 35.76 | Average |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 39.10 | 43.28 | 54.00 | -10.72 | Average |
| 3 | 5351.267 | 8.18 | 34.43 | 38.43 | 39.00 | 43.18 | 54.00 | -10.82 | Average |

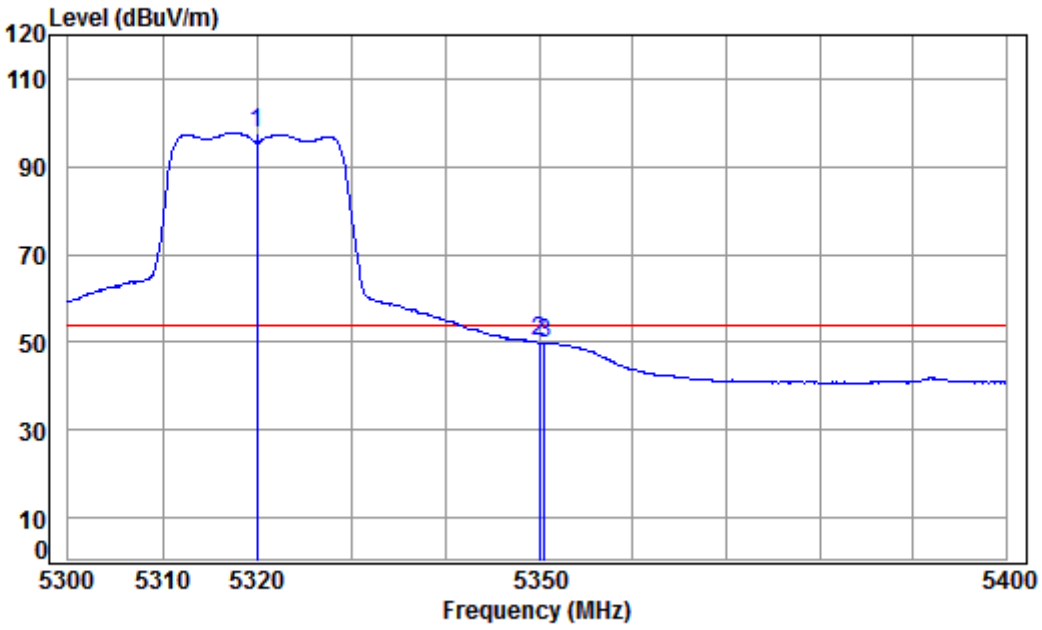
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5320 Band edge
Note : 5G WiFi-11AC20
Power : 18

| | Freq | Cable Loss | 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 | 8.16 | 34.43 | 38.43 | 100.00 | 104.16 | 74.00 | 30.16 | Peak |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 55.75 | 59.93 | 74.00 | -14.07 | Peak |
| 3 | 5352.567 | 8.18 | 34.43 | 38.43 | 55.01 | 59.19 | 74.00 | -14.81 | Peak |

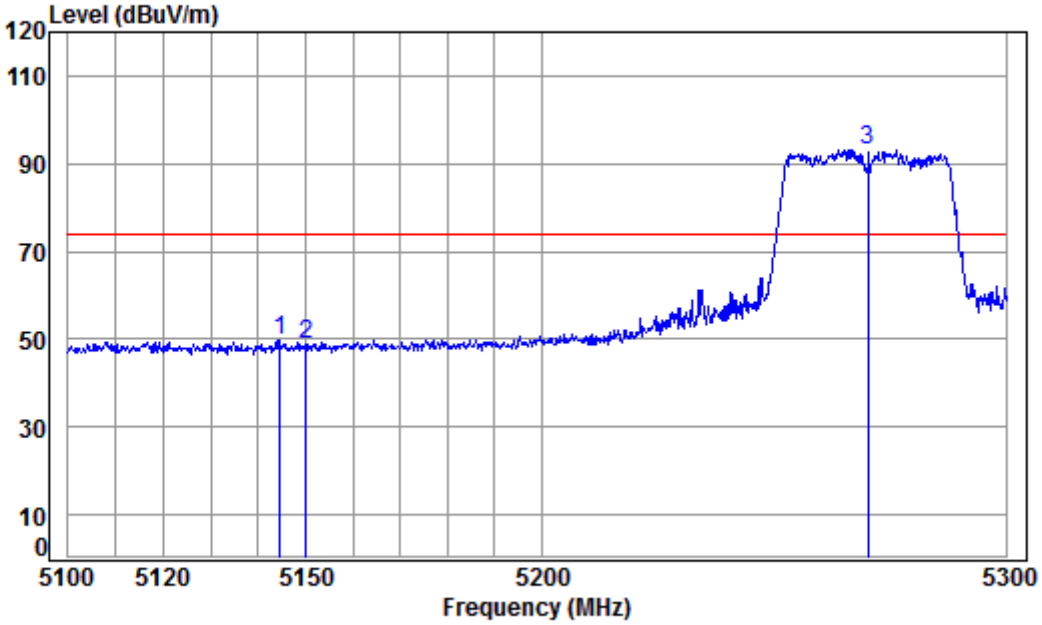
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5320 Band edge
Note : 5G WiFi-11AC20
Power : 18

| | Freq | Cable Loss | 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 | 8.16 | 34.43 | 38.43 | 93.55 | 97.71 | 54.00 | 43.71 | Average |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 46.03 | 50.21 | 54.00 | -3.79 | Average |
| 3 | 5350.566 | 8.18 | 34.43 | 38.43 | 45.62 | 49.80 | 54.00 | -4.20 | Average |

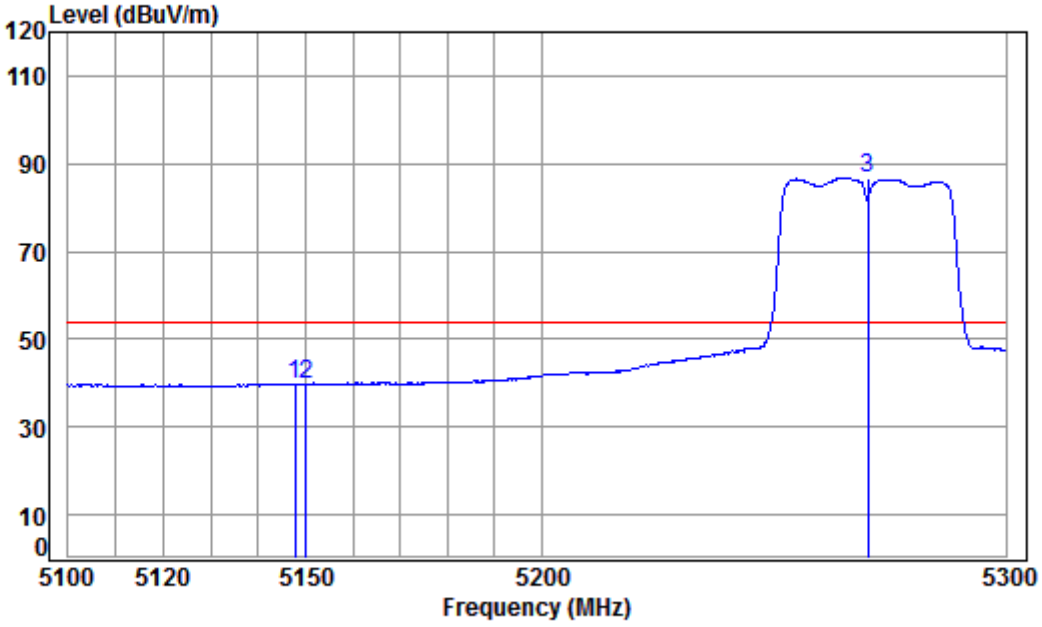
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5270 Band edge
Note : 5G WiFi-11AC40
Power : 20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5144.529 | 8.07 | 34.47 | 38.47 | 45.57 | 49.64 | 74.00 | -24.36 | peak |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 44.54 | 48.62 | 74.00 | -25.38 | peak |
| 3 pp | 5270.000 | 8.14 | 34.44 | 38.44 | 89.01 | 93.15 | 74.00 | 19.15 | peak |

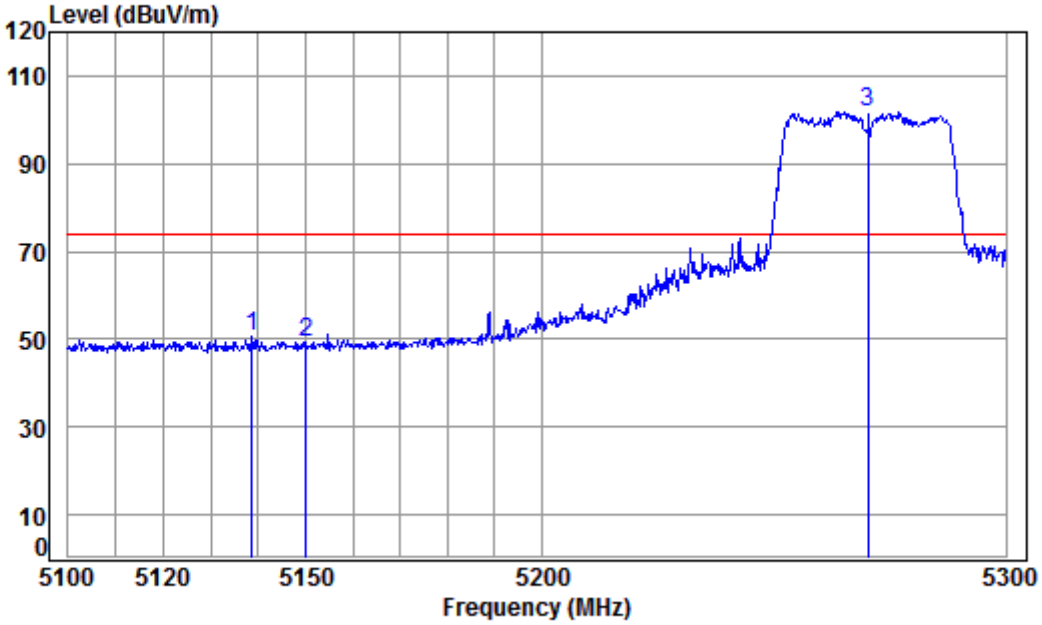
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5270 Band edge
Note : 5G WiFi-11AC40
Power : 20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5147.697 | 8.08 | 34.47 | 38.47 | 35.74 | 39.82 | 54.00 | -14.18 | Average |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 35.70 | 39.78 | 54.00 | -14.22 | Average |
| 3 pp | 5270.000 | 8.14 | 34.44 | 38.44 | 82.57 | 86.71 | 54.00 | 32.71 | Average |

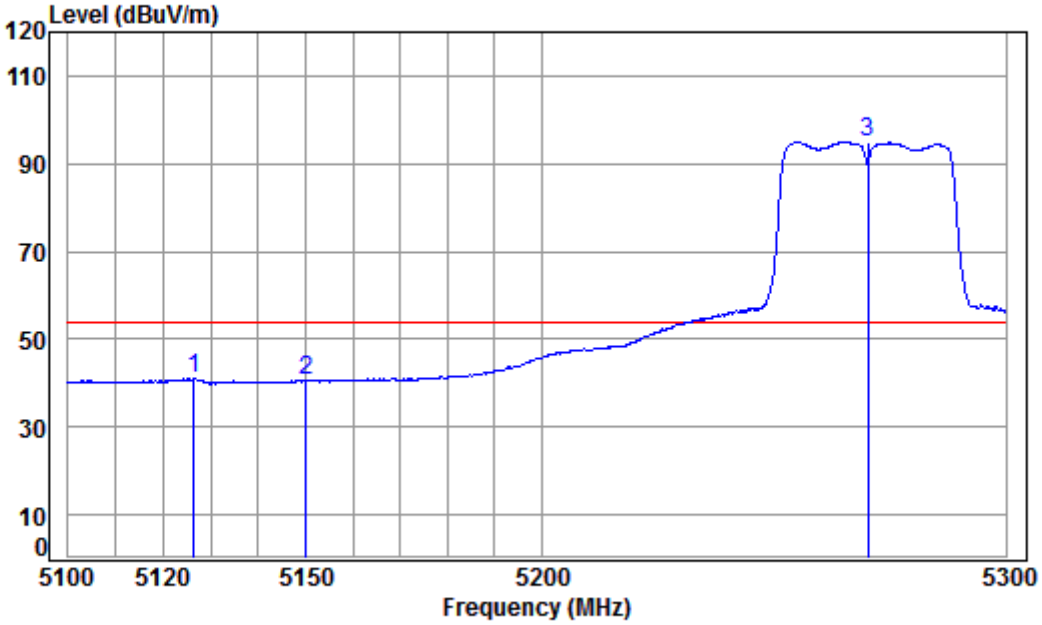
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5270 Band edge
Note : 5G WiFi-11AC40
Power : 20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5138.596 | 8.07 | 34.47 | 38.47 | 46.45 | 50.52 | 74.00 | -23.48 | Peak |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 45.41 | 49.49 | 74.00 | -24.51 | Peak |
| 3 pp | 5270.000 | 8.14 | 34.44 | 38.44 | 97.77 | 101.91 | 74.00 | 27.91 | Peak |

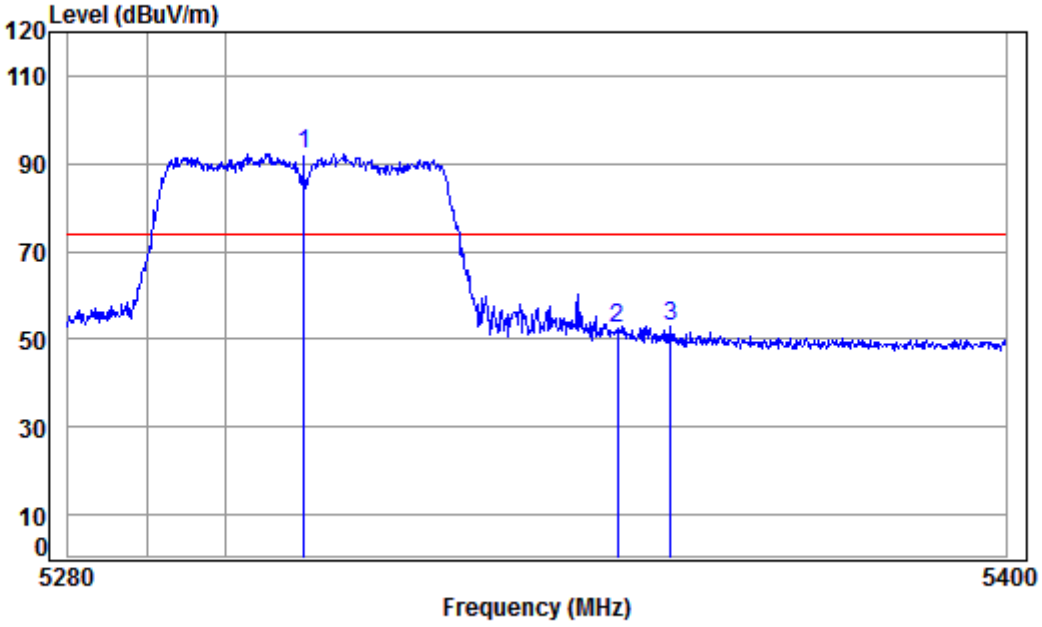
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5270 Band edge
Note : 5G WiFi-11AC40
Power : 20

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5126.356 | 8.07 | 34.47 | 38.47 | 36.89 | 40.96 | 54.00 | -13.04 | Average |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 36.60 | 40.68 | 54.00 | -13.32 | Average |
| 3 pp | 5270.000 | 8.14 | 34.44 | 38.44 | 90.71 | 94.85 | 54.00 | 40.85 | Average |

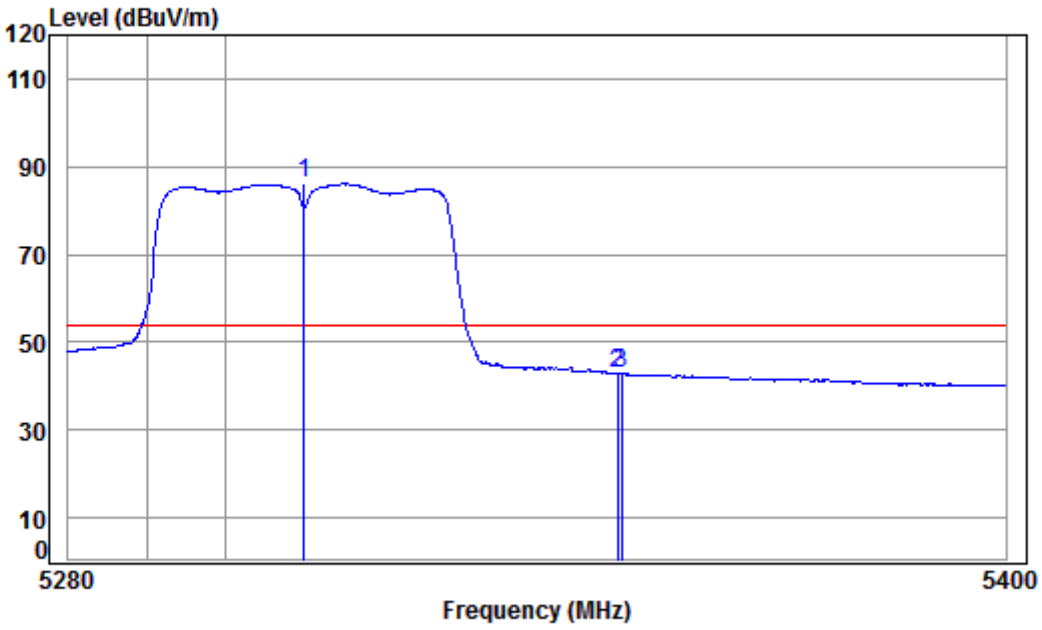
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5310 Band edge
Note : 5G WiFi-11AC40
Power : 18

| | Freq | Cable Loss | 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 | 8.16 | 34.44 | 38.43 | 88.07 | 92.24 | 74.00 | 18.24 | peak |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 48.44 | 52.62 | 74.00 | -21.38 | peak |
| 3 | 5356.850 | 8.18 | 34.43 | 38.42 | 48.96 | 53.15 | 74.00 | -20.85 | peak |

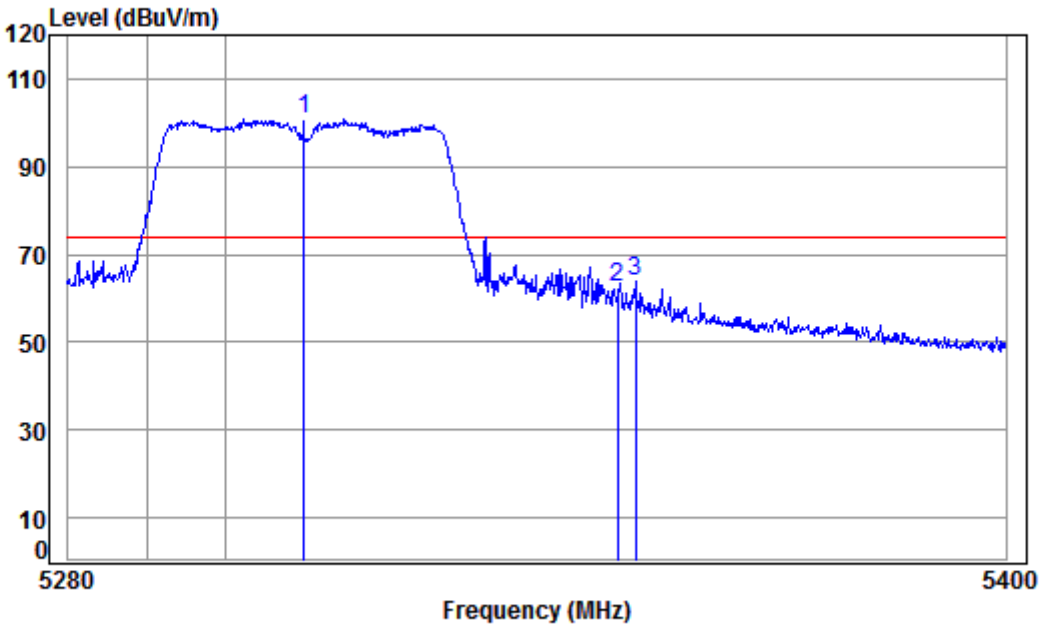
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5310 Band edge
Note : 5G WiFi-11AC40
Power : 18

| | Freq | Cable Loss | 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 | 8.16 | 34.44 | 38.43 | 81.90 | 86.07 | 54.00 | 32.07 | Average |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 38.81 | 42.99 | 54.00 | -11.01 | Average |
| 3 | 5350.474 | 8.18 | 34.43 | 38.43 | 38.64 | 42.82 | 54.00 | -11.18 | Average |

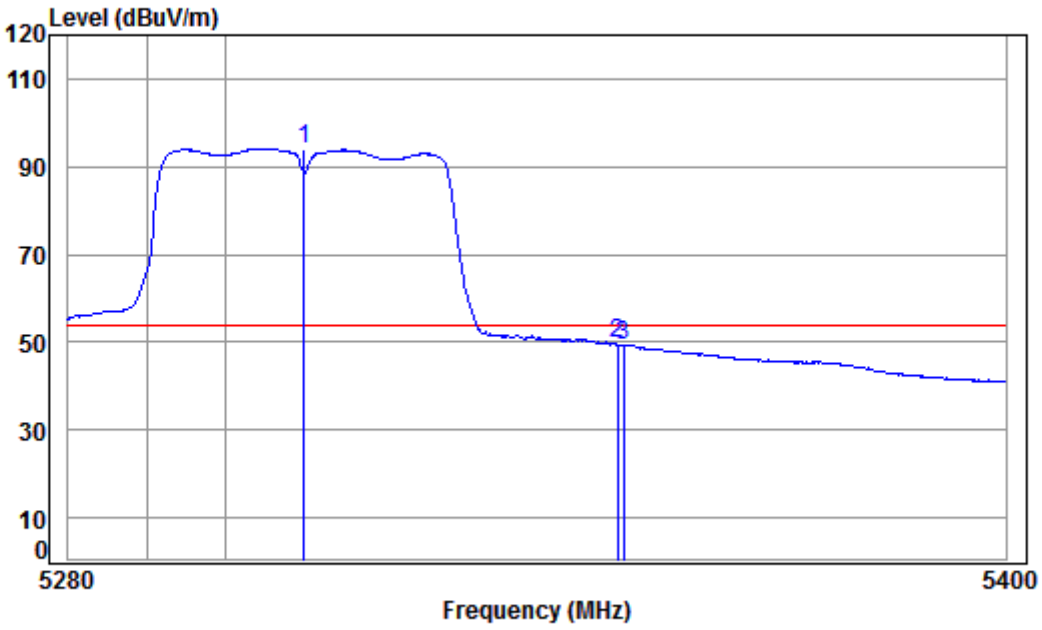
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5310 Band edge
Note : 5G WiFi-11AC40
Power : 18

| | Freq | Cable Loss | 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 | 8.16 | 34.44 | 38.43 | 96.84 | 101.01 | 74.00 | 27.01 | Peak |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 58.13 | 62.31 | 74.00 | -11.69 | Peak |
| 3 | 5352.277 | 8.18 | 34.43 | 38.43 | 59.68 | 63.86 | 74.00 | -10.14 | Peak |

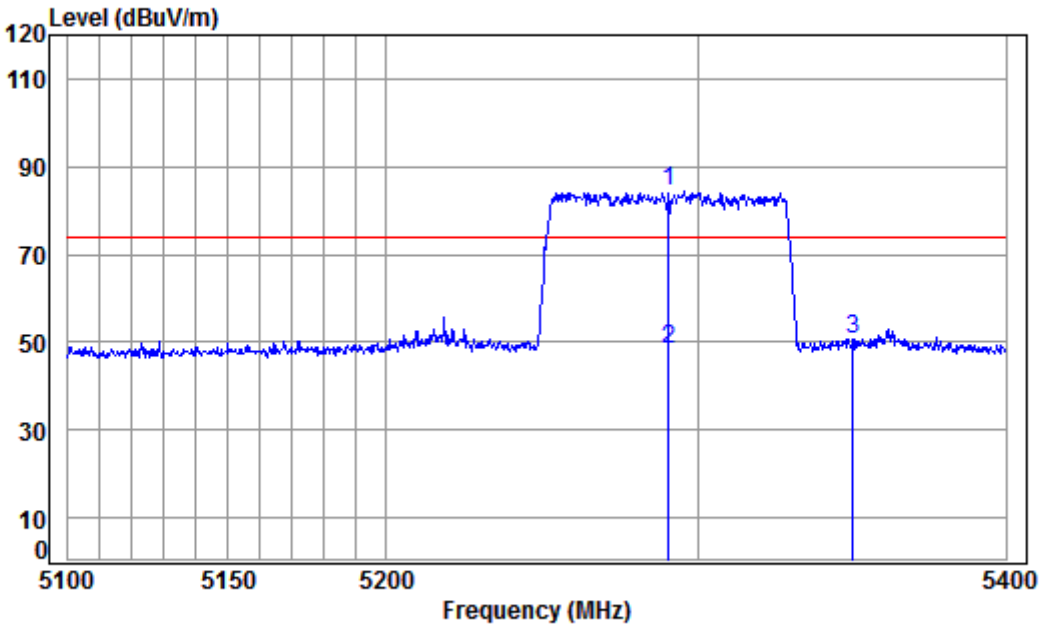
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:40MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5310 Band edge
Note : 5G WiFi-11AC40
Power : 18

| | Freq | Cable Loss | 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 | 8.16 | 34.44 | 38.43 | 90.00 | 94.17 | 54.00 | 40.17 | Average |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 45.41 | 49.59 | 54.00 | -4.41 | Average |
| 3 | 5350.714 | 8.18 | 34.43 | 38.43 | 45.17 | 49.35 | 54.00 | -4.65 | Average |

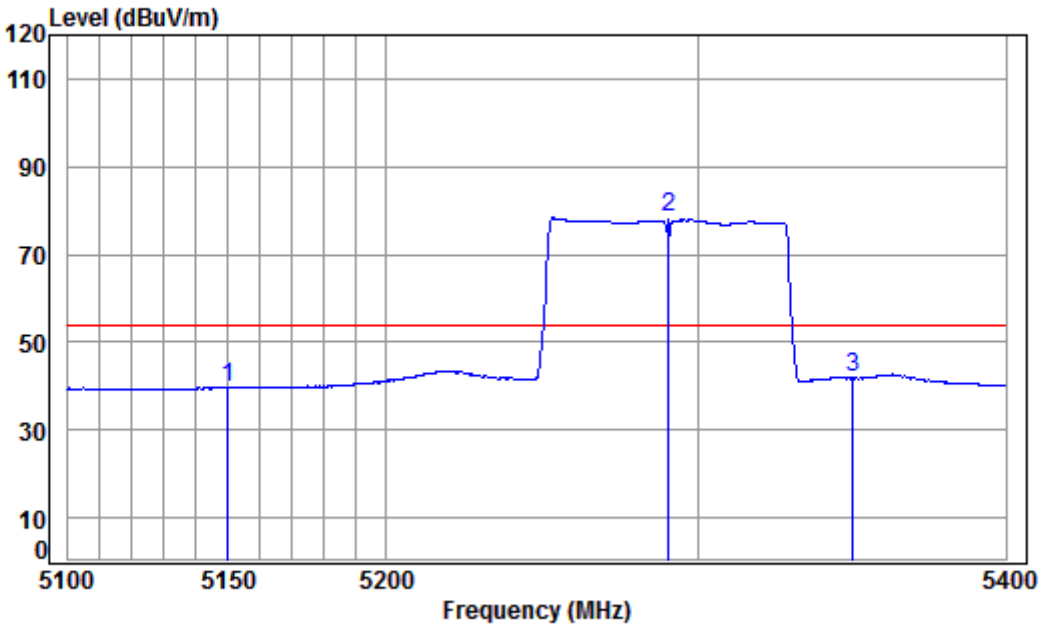
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:80MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5290 Band edge
Note : 5G WiFi-11AC80
Power : 10

| | Freq | Cable Loss | 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 | 5290.000 | 8.15 | 34.44 | 38.44 | 80.03 | 84.18 | 74.00 | 10.18 | peak |
| 2 | 5290.000 | 8.15 | 34.44 | 38.44 | 44.30 | 48.45 | 74.00 | -25.55 | peak |
| 3 | 5350.000 | 8.18 | 34.43 | 38.43 | 46.50 | 50.68 | 74.00 | -23.32 | peak |

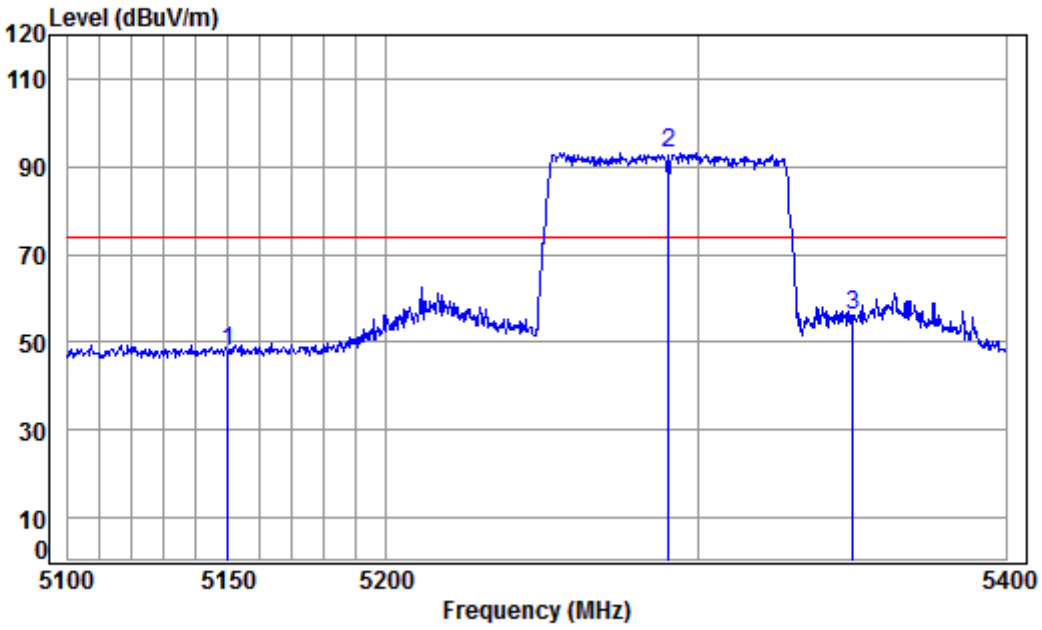
Mode:m; Polarization:Horizontal; Modulation Type:802.11ac; bandwidth:80MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5290 Band edge
Note : 5G WiFi-11AC80
Power : 10

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5150.092 | 8.08 | 34.47 | 38.47 | 35.56 | 39.64 | 54.00 | -14.36 | Average |
| 2 pp | 5290.000 | 8.15 | 34.44 | 38.44 | 74.12 | 78.27 | 54.00 | 24.27 | Average |
| 3 | 5350.000 | 8.18 | 34.43 | 38.43 | 37.77 | 41.95 | 54.00 | -12.05 | Average |

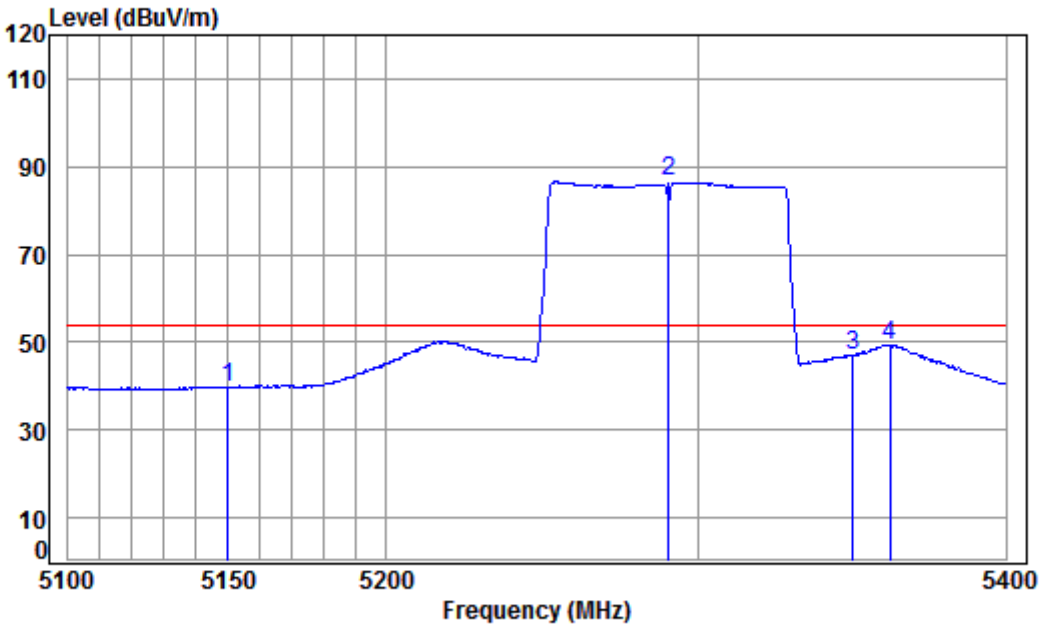
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:80MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5290 Band edge
Note : 5G WiFi-11AC80
Power : 10

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5150.092 | 8.08 | 34.47 | 38.47 | 44.02 | 48.10 | 74.00 | -25.90 | Peak |
| 2 pp | 5290.000 | 8.15 | 34.44 | 38.44 | 88.96 | 93.11 | 74.00 | 19.11 | Peak |
| 3 | 5350.000 | 8.18 | 34.43 | 38.43 | 52.06 | 56.24 | 74.00 | -17.76 | Peak |

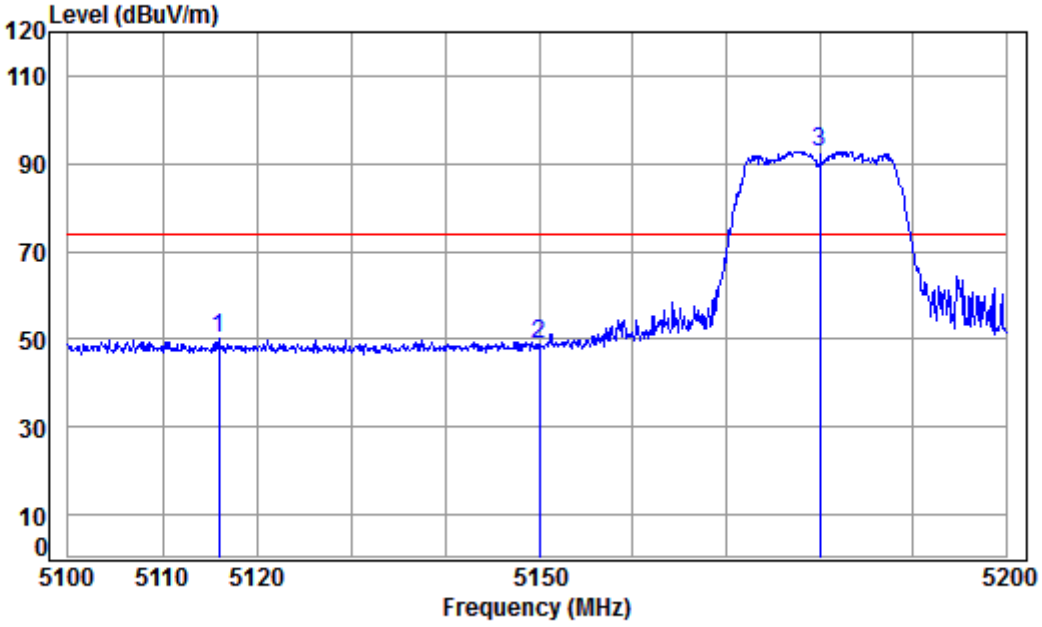
Mode:m; Polarization:Vertical; Modulation Type:802.11ac; bandwidth:80MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5290 Band edge
Note : 5G WiFi-11AC80
Power : 10

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5150.092 | 8.08 | 34.47 | 38.47 | 35.71 | 39.79 | 54.00 | -14.21 | Average |
| 2 pp | 5290.000 | 8.15 | 34.44 | 38.44 | 82.39 | 86.54 | 54.00 | 32.54 | Average |
| 3 | 5350.000 | 8.18 | 34.43 | 38.43 | 42.92 | 47.10 | 54.00 | -6.90 | Average |
| 4 | 5361.862 | 8.18 | 34.43 | 38.42 | 45.21 | 49.40 | 54.00 | -4.60 | Average |

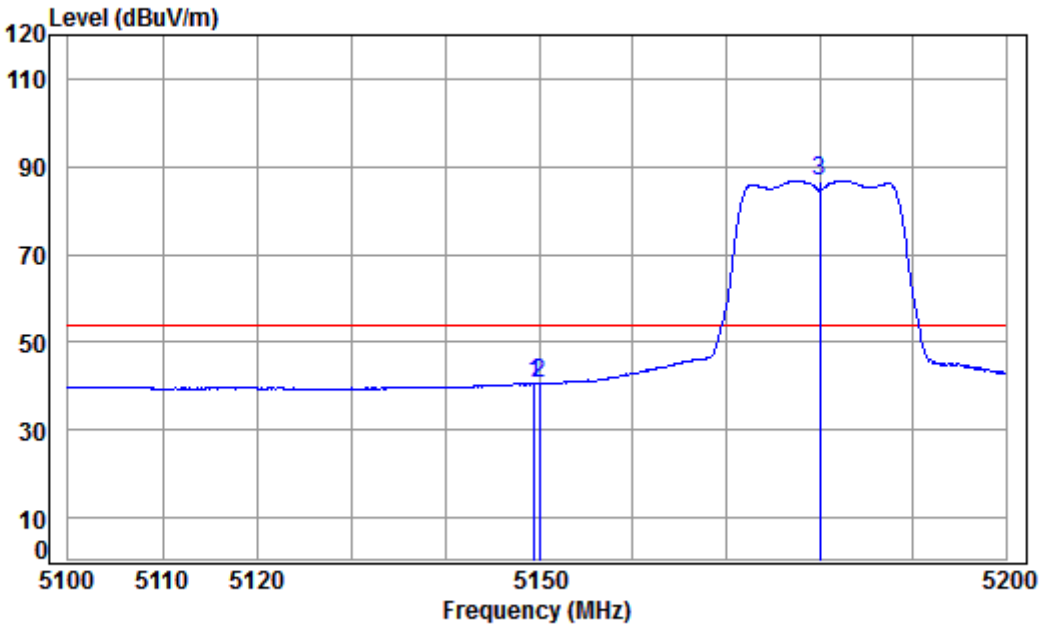
Mode:I; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5180 Band edge
Note : 5GWiFi-11A
Power : 17

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5115.969 | 8.06 | 34.48 | 38.47 | 46.10 | 50.17 | 74.00 | -23.83 | peak |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 44.70 | 48.78 | 74.00 | -25.22 | peak |
| 3 pp | 5180.000 | 8.09 | 34.46 | 38.46 | 88.73 | 92.82 | 74.00 | 18.82 | peak |

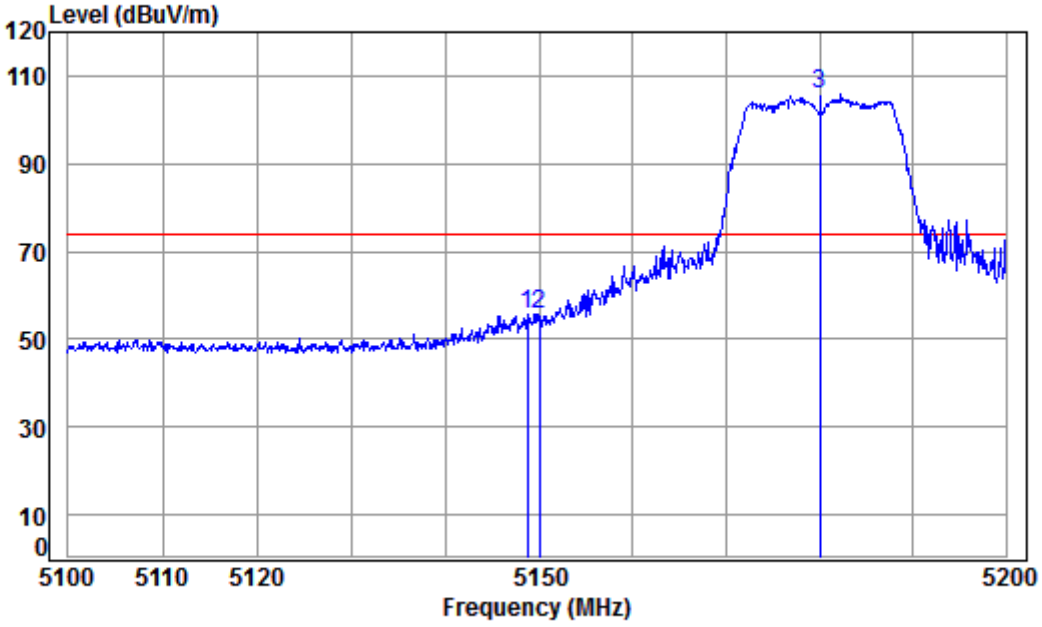
Mode:I; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5180 Band edge
Note : 5GWiFi-11A
Power : 17

| | Freq | Cable Loss | 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 | 8.08 | 34.47 | 38.47 | 36.45 | 40.53 | 54.00 | -13.47 | Average |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 36.56 | 40.64 | 54.00 | -13.36 | Average |
| 3 pp | 5180.000 | 8.09 | 34.46 | 38.46 | 82.76 | 86.85 | 54.00 | 32.85 | Average |

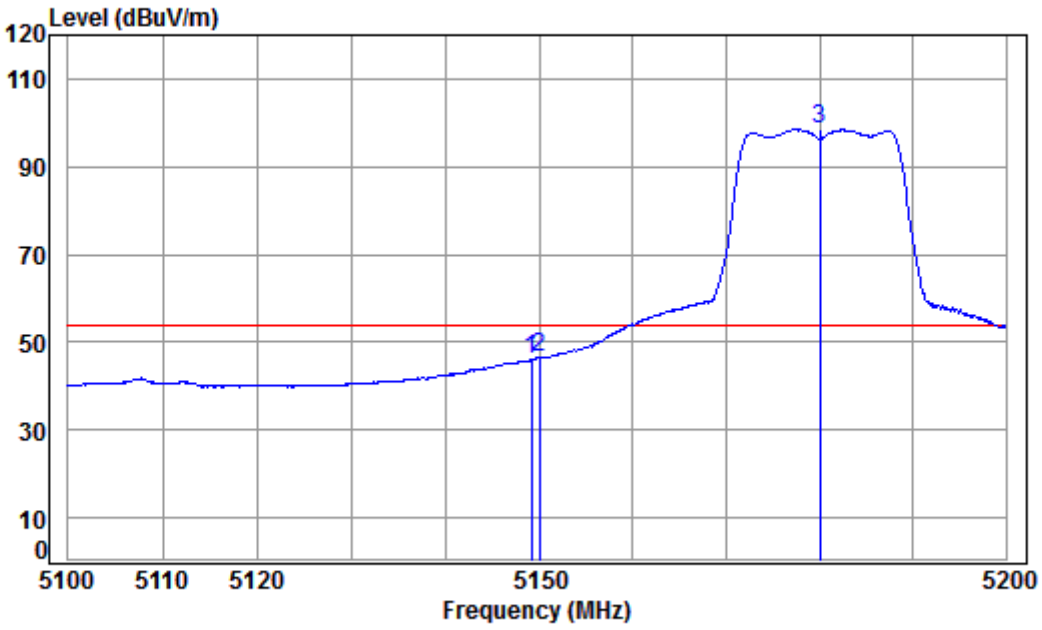
Mode:I; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5180 Band edge
Note : 5GWiFi-11A
Power : 17

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 5148.757 | 8.08 | 34.47 | 38.47 | 51.65 | 55.73 | 74.00 | -18.27 | Peak |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 51.50 | 55.58 | 74.00 | -18.42 | Peak |
| 3 pp | 5180.000 | 8.09 | 34.46 | 38.46 | 101.54 | 105.63 | 74.00 | 31.63 | Peak |

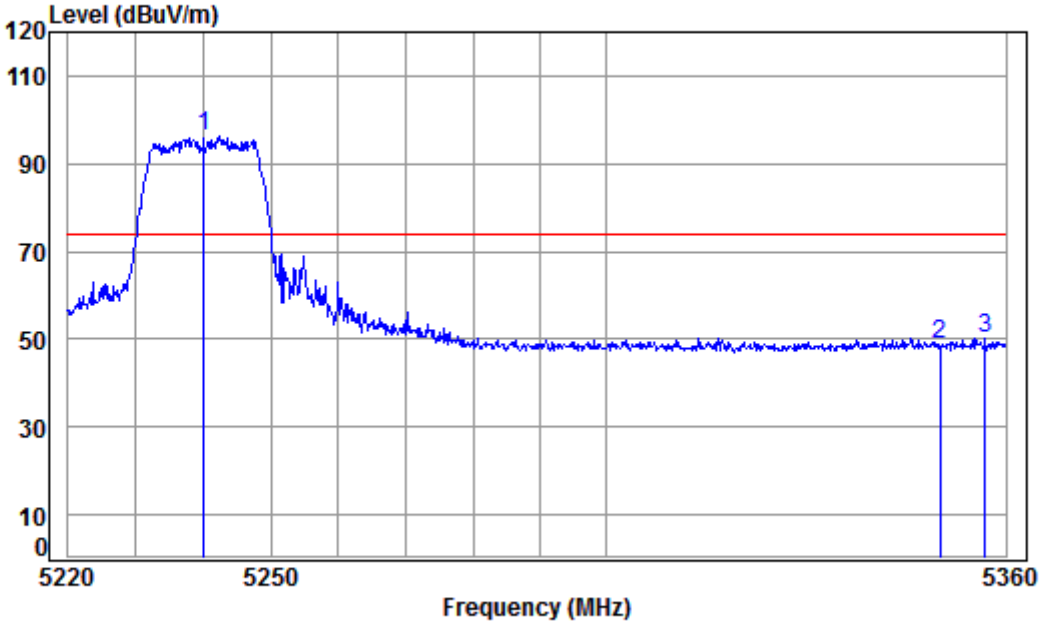
Mode:I; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:Low




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5180 Band edge
Note : 5GWiFi-11A
Power : 17

| | Freq | Cable Loss | 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 | 8.08 | 34.47 | 38.47 | 41.98 | 46.06 | 54.00 | -7.94 | Average |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 42.40 | 46.48 | 54.00 | -7.52 | Average |
| 3 pp | 5180.000 | 8.09 | 34.46 | 38.46 | 94.31 | 98.40 | 54.00 | 44.40 | Average |

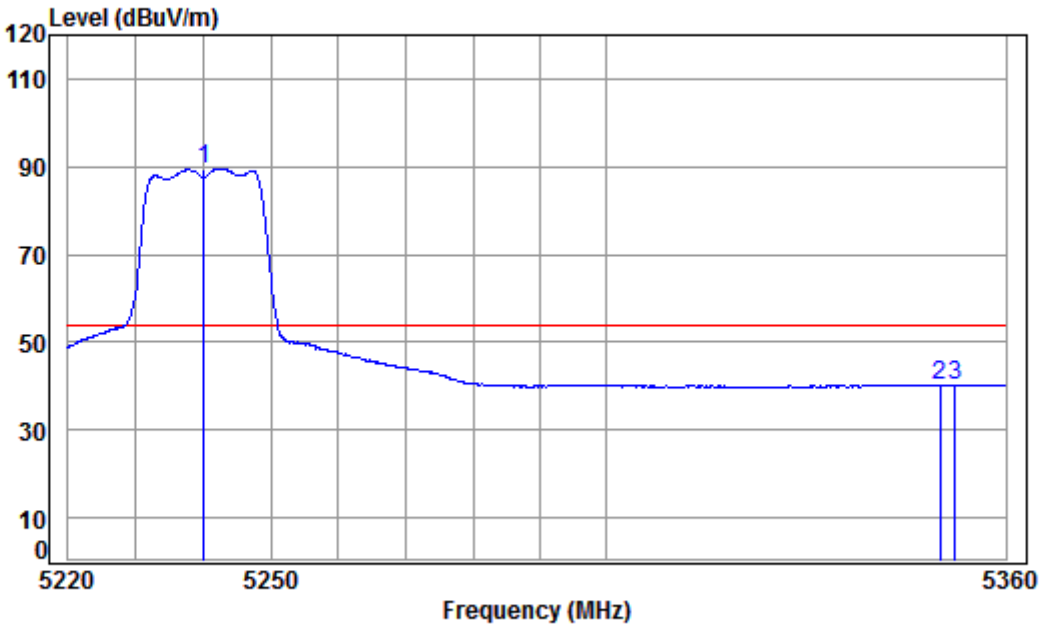
Mode:I; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5240 Band edge
Note : 5GWiFi-11A
Power : 18

| | Freq | Cable Loss | 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 | 5240.000 | 8.12 | 34.45 | 38.45 | 92.08 | 96.20 | 74.00 | 22.20 | peak |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 44.67 | 48.85 | 74.00 | -25.15 | peak |
| 3 | 5356.880 | 8.18 | 34.43 | 38.42 | 46.05 | 50.24 | 74.00 | -23.76 | peak |

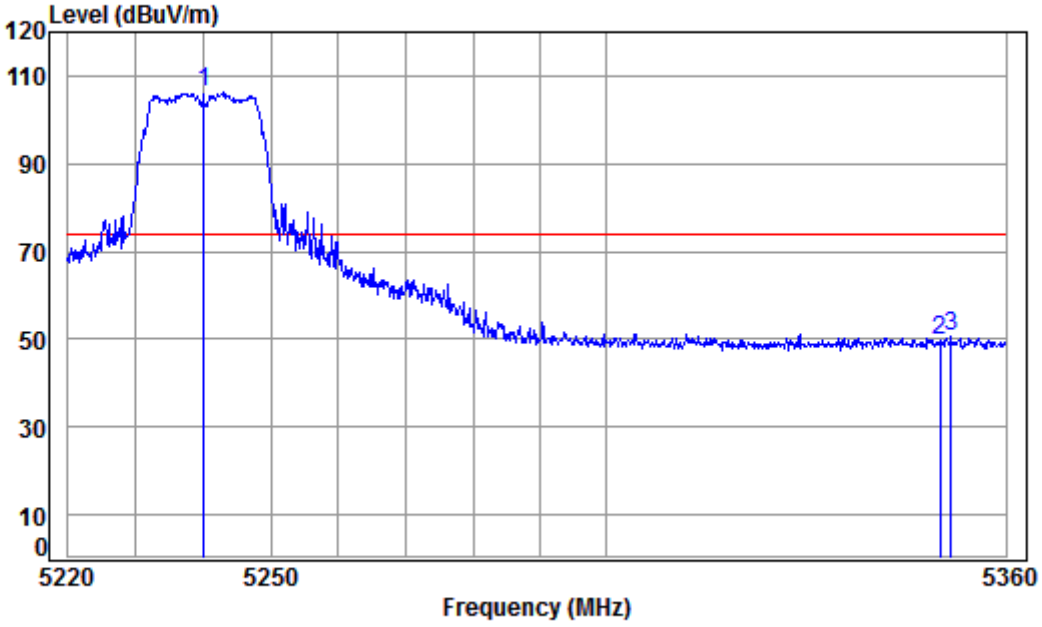
Mode:I; Polarization:Horizontal; Modulation Type:802.11a; bandwidth:20MHz; Channel:High




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5240 Band edge
Note : 5GWiFi-11A
Power : 18

| | Freq | Cable Loss | 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 | 5240.000 | 8.12 | 34.45 | 38.45 | 85.49 | 89.61 | 54.00 | 35.61 | Average |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 36.05 | 40.23 | 54.00 | -13.77 | Average |
| 3 | 5352.345 | 8.18 | 34.43 | 38.43 | 36.11 | 40.29 | 54.00 | -13.71 | Average |

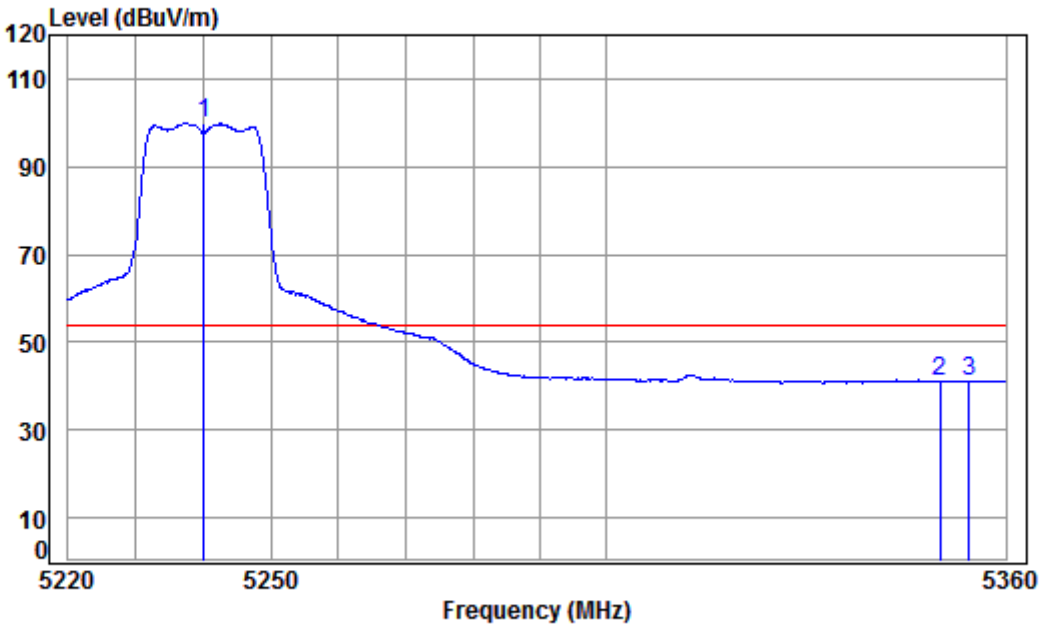
Mode:I; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5240 Band edge
Note : 5GWiFi-11A
Power : 18

| | Freq | Cable Loss | 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 | 5240.000 | 8.12 | 34.45 | 38.45 | 102.11 | 106.23 | 74.00 | 32.23 | Peak |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 45.41 | 49.59 | 74.00 | -24.41 | Peak |
| 3 | 5351.778 | 8.18 | 34.43 | 38.43 | 46.59 | 50.77 | 74.00 | -23.23 | Peak |

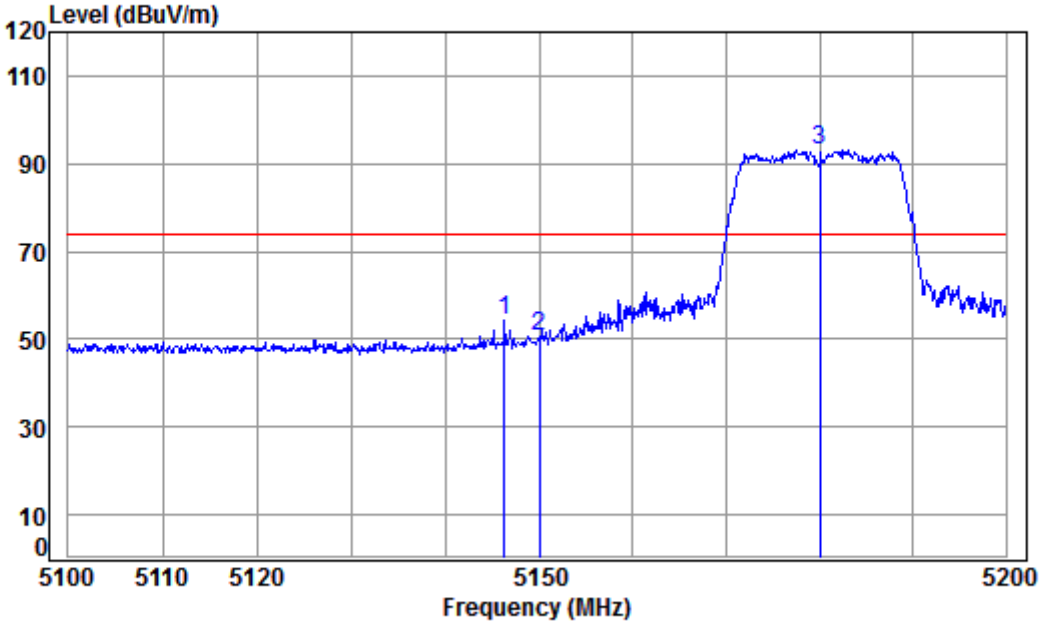
Mode:I; Polarization:Vertical; Modulation Type:802.11a; bandwidth:20MHz; Channel:High




Condition: 3m VERTICAL
Job No : 06616CR/06617CR
Mode : 5240 Band edge
Note : 5GWiFi-11A
Power : 18

| | Freq | Cable Loss | 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 | 5240.000 | 8.12 | 34.45 | 38.45 | 95.65 | 99.77 | 54.00 | 45.77 | Average |
| 2 | 5350.000 | 8.18 | 34.43 | 38.43 | 37.02 | 41.20 | 54.00 | -12.80 | Average |
| 3 | 5354.470 | 8.18 | 34.43 | 38.42 | 37.07 | 41.26 | 54.00 | -12.74 | Average |

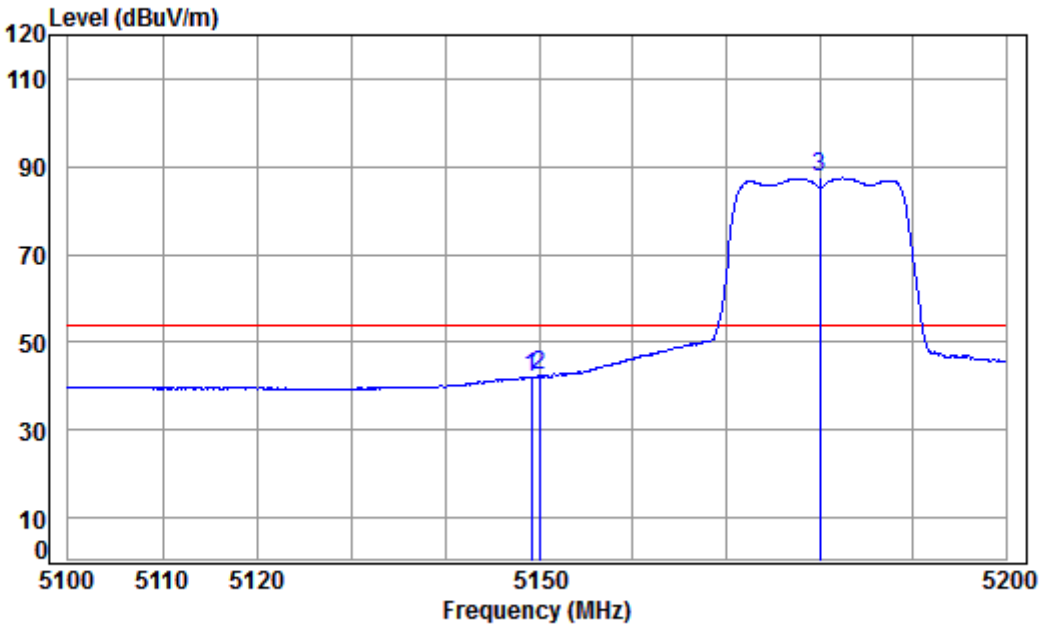
Mode:I; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5180 Band edge
Note : 5GWiFi-11N20
Power : 18

| | Freq | Cable Loss | 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 | 8.08 | 34.47 | 38.47 | 50.20 | 54.28 | 74.00 | -19.72 | peak |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 46.61 | 50.69 | 74.00 | -23.31 | peak |
| 3 pp | 5180.000 | 8.09 | 34.46 | 38.46 | 88.96 | 93.05 | 74.00 | 19.05 | peak |

Mode:I; Polarization:Horizontal; Modulation Type:802.11n; bandwidth:20MHz; Channel:Low




Condition: 3m HORIZONTAL
Job No : 06616CR/06617CR
Mode : 5180 Band edge
Note : 5GWiFi-11N20
Power : 18

| | Freq | Cable Loss | 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 | 8.08 | 34.47 | 38.47 | 38.04 | 42.12 | 54.00 | -11.88 | Average |
| 2 | 5150.000 | 8.08 | 34.47 | 38.47 | 38.17 | 42.25 | 54.00 | -11.75 | Average |
| 3 pp | 5180.000 | 8.09 | 34.46 | 38.46 | 83.29 | 87.38 | 54.00 | 33.38 | Average |