**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

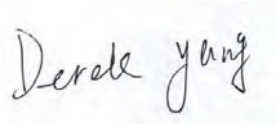


# FCC&IC REPORT

| | |
|---|---|
| **Application No:** | SZEM1801000217RG |
| **Applicant:** | Huawei Technologies Co.,Ltd |
| **Manufacturer:** | Huawei Technologies Co.,Ltd |
| **Factory:** | Huawei Technologies Co.,Ltd |
| **Product Name:** | Smart Phone |
| **Model No.(EUT):** | CLT-L04 |
| **Trade Mark::** | HUAWEI |
| **FCC ID:** | QISCLT-L04 |
| **IC ID:** | 6369A-CLTL04 |
| **Standards:** | 47 CFR Part 15, Subpart E (2018) |
| | RSS-Gen Issue 4 Nov 2014 |
| | RSS 247 Issue 2 Feb 2017 |
| **Test Method** | KDB 789033 D02 v02r01 |
| | ANSI C63.10.2013 |
| **Date of Receipt:** | 2018-01-03 |
| **Date of Test:** | 2018-01-04 to 2018-01-31 |
| **Date of Issue:** | 2018-02-01 |
| **Test Result:** | **PASS *** |

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

Authorized Signature:

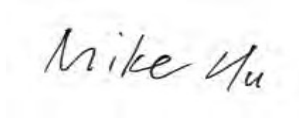


Derek Yang
Wireless Laboratory Manager

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.

# 2 Version

| Revision Record | | | | |
|---|---|---|---|---|
| **Version** | **Chapter** | **Date** | **Modifier** | **Remark** |
| 01 | | 2018-02-01 | | Original |
| | | | | |
| | | | | |

| | | | | |
|---|---|---|---|---|
| **Authorized for issue by:** | | | | |
| **Tested By** | |  **(Mike Hu) /Project Engineer** | | 2018-02-01 **Date** |
| **Checked By** | |  **(Jim Huang) /Reviewer** | | 2018-02-01 **Date** |

# 3 Test Summary

| Test Item | Test Requirement | Test method | Result |
|---|---|---|---|
| **Antenna Requirement** | 47 CFR Part 15<br>Section 15.203<br>RSS-Gen Issue 4 | ANSI C63.10: 2013 | PASS |
| **AC Power Line Conducted Emission** | 47 CFR Part 15<br>Section 15.207<br>RSS-Gen Issue 4 | ANSI C63.10: 2013 | PASS |
| **Radiated Spurious Emissions** | 47 CFR Part 15<br>Section 15.407(b)<br>RSS-247 6.2 | ANSI C63.10: 2013 | PASS |
| **Restricted bands around fundamental frequency (Radiated Emission)** | 47 CFR Part 15<br>Section 15.407(b)<br>RSS-247 6.2 | ANSI C63.10: 2013 | PASS |

# 4 Contents

Page

# 5 General Information

## 5.1 Client Information

| | |
|---|---|
| Applicant: | Huawei Technologies Co., Ltd. |
| Address of Applicant: | Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C |
| Manufacturer: | Huawei Technologies Co., Ltd. |
| Address of Manufacturer: | Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C |
| Factory: | Huawei Technologies Co., Ltd. |
| Address of Factory: | Administration Building, Headquarters of Huawei Technologies Co., Ltd., Bantian, Longgang District, Shenzhen, 518129, P.R.C |

## 5.2 General Description of EUT

| | |
|---|---|
| Product Name: | Smart Phone |
| Model No.: | CLT-L04 |
| Trade Mark: | HUAWEI |
| Operation Frequency: | IEEE 802.11a/ n(HT20/40)/ ac(HT20/40/80): 5150MHz to 5250MHz<br>IEEE 802.11a/ n(HT20/40)/ ac(HT20/40/80): 5250MHz to 5350MHz<br>IEEE 802.11a/ n(HT20/40)/ ac(HT20/40/80): 5470MHz to 5725MHz<br>IEEE 802.11a/ n(HT20/40)/ ac(HT20/40/80): 5725MHz to 5850MHz |
| Type of Modulation: | IEEE 802.11a: OFDM(BPSK/QPSK/16QAM/64QAM)<br>IEEE 802.11n: OFDM(BPSK/QPSK/16QAM/64QAM)<br>IEEE 802.11ac: OFDM(BPSK/QPSK/16QAM/64QAM/256QAM) |
| Sample Type: | Portable Device |
| Antenna Type: | Intergral |
| Antenna Gain: | Antenna1 :-2.11 dBi, Antenna2 :-1.17dBi, |
| EUT Power Supply: | DC3.82V (1 x 3.82V Rechargeable battery)3900mAh<br>Battery: Charge by DC 4.4V |
| AC adaptor: | Adaptor: Model:HW-050450U00<br>Input: AC100-240V 50/60Hz 0.75A<br>Output: DC5.0V 2A / 4.5V 5A/ 5.0V 4.5A |

Note:

In FCC 15.31, for each band in which the device can be operated with the device operating at the number of frequencies in each band specified in the following table, and the selected channel to perform the test as below:

| Frequency Range of Operation Operating Frequency Range (in each Band) | Number of Measurement Frequencies Required | Location of Measurement Frequency in Band of Operation |
|---|---|---|
| 1 MHz or less | 1 | centre |
| 1 MHz to 10 MHz | 2 | 1 near high end, 1 near low end |
| Greater than 10 MHz | 3 | 1 near high end, 1 near centre |

For UNII Band I:

| Mode | Channel | Frequency(MHz) |
|---|---|---|
| IEEE 802.11a/n/ac 20MHz | The Lowest channel | 5180 |
| | The Middle channel | 5220 |
| | The Highest channel | 5240 |
| IEEE 802.11n/ac 40MHz | The Lowest channel | 5190 |
| | The Highest channel | 5230 |
| IEEE 802.11ac 80MHz | The Middle channel | 5210 |

For UNII Band II-A:

| Mode | Channel | Frequency(MHz) |
|---|---|---|
| IEEE 802.11a/n/ac 20MHz | The Lowest channel | 5260 |
| | The Middle channel | 5300 |
| | The Highest channel | 5320 |
| IEEE 802.11n/ac 40MHz | The Lowest channel | 5270 |
| | The Highest channel | 5310 |
| IEEE 802.11ac 80MHz | The Middle channel | 5290 |

For UNII Band II-C:

| Mode | Channel | Frequency(MHz) |
|---|---|---|
| IEEE 802.11a/n/ac 20MHz | The Lowest channel | 5500 |
| | The Middle channel | 5580 |
| | The Highest channel | 5700 |
| IEEE 802.11n/ac 40MHz | The Lowest channel | 5510 |
| | The Middle channel | 5550 |
| | The Highest channel | 5670 |
| IEEE 802.11ac 80MHz | The Lowest channel | 5530 |
| | The Highest channel | 5610 |

For UNII Band III:

| Mode | Channel | Frequency(MHz) |
|---|---|---|
| IEEE 802.11a/n/ac 20MHz | The Lowest channel | 5745 |
| | The Middle channel | 5785 |
| | The Highest channel | 5825 |
| IEEE 802.11n/ac 40MHz | The Lowest channel | 5755 |
| | The Highest channel | 5795 |
| IEEE 802.11ac 80MHz | The Middle channel | 5775 |

## 5.3 Test Environment and Mode

| | |
|---|---|
| **Operating Environment:** | |
| Temperature: | 25.0 °C |
| Humidity: | 55 % RH |
| Atmospheric Pressure: | 1010 mbar |
| **Test mode:** | |
| Transmitting mode: | Keep the EUT in transmitting mode with all kind of modulation and all kind of data rate. |

## 5.4 Description of Support Units

The EUT has been tested independent unit.

## 5.5 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.

## 5.6 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.

## 5.7 Deviation from Standards

None.

## 5.8 Abnormalities from Standard Conditions

None.

## 5.9 Other Information Requested by the Customer

None

## 5.10 Measurement Uncertainty (95% confidence levels, k=2)

| No. | Item | Measurement Uncertainty |
|---|---|---|
| 1 | Total RF power, conducted | 0.75dB |
| 2 | RF power density, conducted | 2.84dB |
| 3 | Spurious emissions, conducted | 0.75dB |
| 4 | Radiated Spurious emission test | 4.5dB (30MHz-1GHz) |
| | | 4.8dB (1GHz-25GHz) |
| 5 | Conduct emission test | 3.12 dB(9KHz- 30MHz) |
| 6 | Temperature test | 1°C |
| 7 | Humidity test | 3% |
| 8 | DC and low frequency voltages | 0.5% |

## 5.11 Equipment List

| Conducted Emission | | | | | | |
|---|---|---|---|---|---|---|
| Item | Test Equipment | Manufacturer | Model No. | Inventory No. | Cal. Date (yyyy-mm-dd) | Cal. Due date (yyyy-mm-dd) |
| 1 | Shielding Room | ZhongYu Electron | GB-88 | SEM001-06 | 2017-05-10 | 2018-05-10 |
| 2 | LISN | Rohde & Schwarz | ENV216 | SEM007-01 | 2017-10-09 | 2018-10-09 |
| 3 | LISN | ETS-LINDGREN | 3816/2 | SEM007-02 | 2017-04-14 | 2018-04-14 |
| 4 | 8 Line ISN | Fischer Custom Communications Inc. | FCC-TLISN-T8-02 | EMC0120 | 2017-09-28 | 2018-09-28 |
| 5 | 4 Line ISN | Fischer Custom Communications Inc. | FCC-TLISN-T4-02 | EMC0121 | 2017-09-28 | 2018-09-28 |
| 6 | 2 Line ISN | Fischer Custom Communications Inc. | FCC-TLISN-T2-02 | EMC0122 | 2017-09-28 | 2018-09-28 |
| 7 | EMI Test Receiver | Rohde & Schwarz | ESCI | SEM004-02 | 2017-04-14 | 2018-04-14 |
| 8 | DC Power Supply | Zhao Xin | RXN-305D | SEM011-02 | 2017-10-09 | 2018-10-09 |

| RF connected test | | | | | | |
|---|---|---|---|---|---|---|
| Item | Test Equipment | Manufacturer | Model No. | Inventory No. | Cal. Date (yyyy-mm-dd) | Cal. Due date (yyyy-mm-dd) |
| 1 | DC Power Supply | ZhaoXin | RXN-305D | SEM011-02 | 2017-10-09 | 2018-10-09 |
| 2 | Signal Analyzer | Rohde &Schwarz | FSV | W005-02 | 2017-03-06 | 2018-03-06 |
| 3 | Signal Generator | Rohde &Schwarz | SML03 | SEM006-02 | 2017-04-14 | 2018-04-14 |
| 4 | Power Meter | Rohde &Schwarz | NRVS | SEM014-02 | 2017-10-09 | 2018-10-09 |
| 5 | Power Sensor | Agilent Technologies | U2021XA | SEM009-01 | 2017-10-09 | 2018-10-09 |

| RE in Chamber | | | | | | |
|---|---|---|---|---|---|---|
| Item | Test Equipment | Manufacturer | Model No. | Inventory No. | Cal. Date (yyyy-mm-dd) | Cal. Due date (yyyy-mm-dd) |
| 1 | 3m Semi-Anechoic Chamber | ETS-LINDGREN | N/A | SEM001-01 | 2017-05-10 | 2018-05-10 |
| 2 | EMI Test Receiver | Agilent Technologies | N9038A | SEM004-05 | 2017-10-09 | 2018-10-09 |
| 3 | BiConiLog Antenna (26-3000MHz) | ETS-LINDGREN | 3142C | SEM003-01 | 2017-11-01 | 2020-11-01 |
| 4 | Double-ridged horn (1-18GHz) | ETS-LINDGREN | 3117 | SEM003-11 | 2015-10-17 | 2018-10-17 |
| 5 | Horn Antenna (18-26GHz) | ETS-LINDGREN | 3160 | SEM003-12 | 2017-11-24 | 2020-11-24 |
| 6 | Pre-amplifier (0.1-1300MHz) | Agilent Technologies | 8447D | SEM005-01 | 2017-04-14 | 2018-04-14 |
| 7 | Band filter | Amindeon | Asi 3314 | SEM023-01 | N/A | N/A |
| 8 | DC Power Supply | Zhao Xin | RXN-305D | SEM011-02 | 2017-10-09 | 2018-10-09 |
| 9 | Loop Antenna | Beijing Daze | ZN30401 | SEM003-09 | 2015-05-13 | 2018-05-13 |

| RE in Chamber | | | | | | |
|---|---|---|---|---|---|---|
| Item | Test Equipment | Manufacturer | Model No. | Inventory No. | Cal. Date (yyyy-mm-dd) | Cal. Due date (yyyy-mm-dd) |
| 1 | 10m Semi-Anechoic Chamber | SAEMC | FSAC1018 | SEM001-03 | 2017-05-10 | 2018-05-10 |
| 2 | EMI Test Receiver (9k-7GHz) | Rohde & Schwarz | ESR | SEM004-03 | 2017-04-14 | 2018-04-14 |
| 3 | Trilog-Broadband Antenna(30M-1GHz) | Schwarzbeck | VULB9168 | SEM003-18 | 2016-06-29 | 2019-06-29 |
| 4 | Pre-amplifier | Sonoma Instrument Co | 310N | SEM005-03 | 2017-07-06 | 2018-07-06 |
| 5 | .Loop Antenna | ETS-Lindgren | 6502 | SEM003-08 | 2015-08-14 | 2018-08-14 |

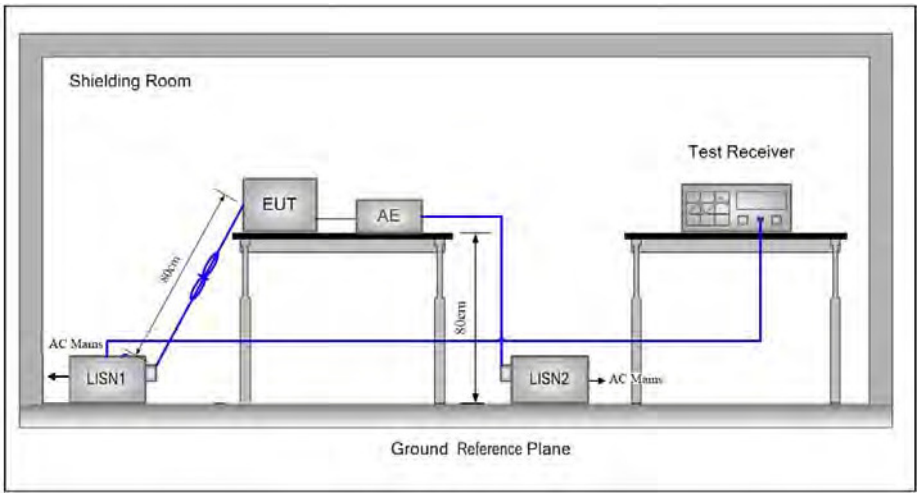
| RE in Chamber | | | | | | |
|---|---|---|---|---|---|---|
| **Item** | **Test Equipment** | **Manufacturer** | **Model No.** | **Inventory No.** | **Cal. Date (yyyy-mm-dd)** | **Cal. Due date (yyyy-mm-dd)** |
| 1 | 3m Semi-Anechoic Chamber | AUDIX | N/A | SEM001-02 | 2017-05-10 | 2018-05-10 |
| 2 | EXA Spectrum Analyzer | Agilent Technologies Inc | N9010A | SEM004-09 | 2017-07-19 | 2018-07-19 |
| 3 | BiConiLog Antenna (26-3000MHz) | ETS-Lindgren | 3142C | SEM003-02 | 2017-11-15 | 2020-11-15 |
| 4 | Amplifier (0.1-1300MHz) | HP | 8447D | SEM005-02 | 2017-10-09 | 2018-10-09 |
| 5 | Horn Antenna (1-18GHz) | Rohde & Schwarz | HF907 | SEM003-07 | 2015-06-14 | 2018-06-14 |
| 6 | Horn Antenna (18-26GHz) | ETS-Lindgren | 3160 | SEM003-12 | 2017-11-24 | 2020-11-24 |
| 7 | HornAntenna (26GHz-40GHz) | A.H.Systems, inc. | SAS-573 | SEM003-13 | 2015-02-12 | 2018-02-12 |
| 8 | Low Noise Amplifier | Black Diamond Series | BDLNA-0118-352810 | SEM005-05 | 2017-10-09 | 2018-10-09 |
| 9 | Band filter | Amindeon | Asi 3314 | SEM023-01 | N/A | N/A |

# 6 Test results and Measurement Data

## 6.1 Antenna Requirement

| | |
|---|---|
| **Test Requirement:** | 47 CFR Part 15 Section 15.203 |
| The antenna is integrated antenna and no consideration of replacement. The best case gain of the antenna is -1.17dBi. | |

## 6.2 Conducted Emissions

| | |
|---|---|
| Test Requirement: | 47 CFR Part 15 Section 15.407(b) |
| Test Method: | ANSI C63.10: 2013 |
| Test Frequency Range: | 150kHz to 30MHz |
| Limit: | Frequency range (MHz) / Limit (dBuV): Quasi-peak / Average<br>0.15-0.5: 66 to 56* / 56 to 46*<br>0.5-5: 56 / 46<br>5-30: 60 / 50<br>* Decreases with the logarithm of the frequency. |
| Test Procedure: | 1) The mains terminal disturbance voltage test was conducted in a shielded room.<br>2) The EUT was connected to AC power source through a LISN 1 (Line Impedance Stabilization Network) which provides a 50Ω/50μH + 5Ω 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.<br>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,<br>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.<br>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: 2013 on conducted measurement. |
| Test Setup: |  |

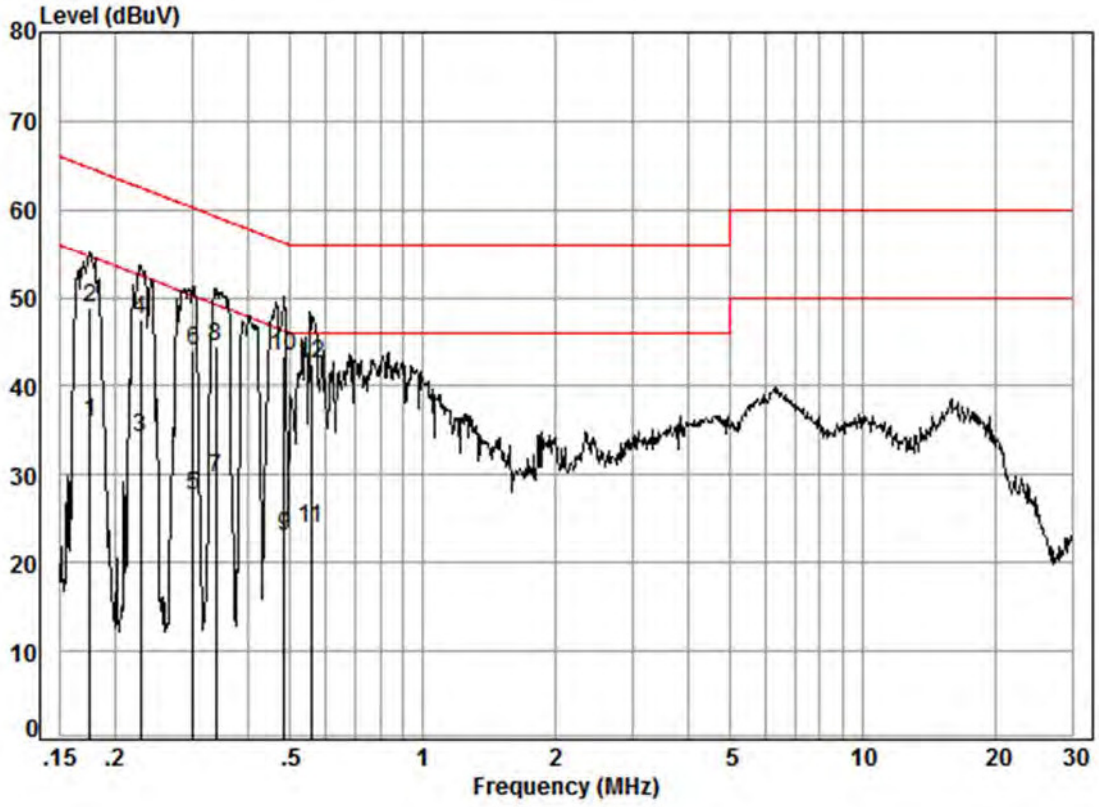
| | |
|---|---|
| Exploratory Test Mode: | Transmitting with all kind of modulations, data rates at lowest, middle and highest channel. |
| Final Test Mode: | Through Pre-scan, find the 6Mbps of rate of 802.11a at lowest channel is the worst case.<br>Only the worst case is recorded in the report. |
| Instruments Used: | Refer to section 5.10 for details |
| Test Results: | Pass |

**Measurement Data**

An initial pre-scan was performed on the live and neutral lines with peak detector.

Quasi-Peak and Average measurement were performed at the frequencies with maximized peak emission were detected.

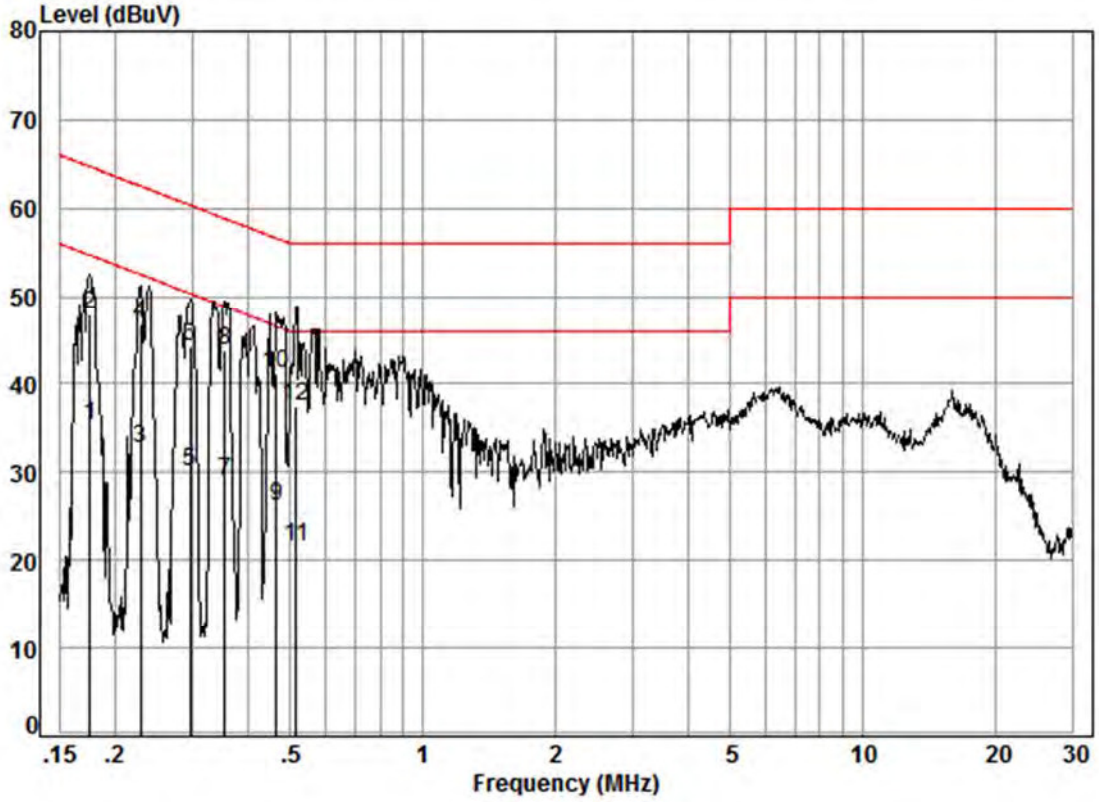
Live Line:




Site : Shielding Room
Condition: Line
Job No. : 00217RG
Test mode: a

| | Freq | Cable Loss | LISN Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB | dBuV | dBuV | dBuV | dB | |
| 1 | 0.17 | 0.02 | 9.52 | 26.42 | 35.96 | 54.72 | -18.76 | Average |
| 2 | 0.17 | 0.02 | 9.52 | 39.20 | 48.74 | 64.72 | -15.98 | QP |
| 3 | 0.23 | 0.02 | 9.51 | 24.59 | 34.12 | 52.52 | -18.40 | Average |
| 4 | 0.23 | 0.02 | 9.51 | 37.97 | 47.50 | 62.52 | -15.02 | QP |
| 5 | 0.30 | 0.01 | 9.51 | 18.21 | 27.73 | 50.24 | -22.51 | Average |
| 6 | 0.30 | 0.01 | 9.51 | 34.47 | 43.99 | 60.24 | -16.25 | QP |
| 7 | 0.34 | 0.01 | 9.50 | 20.24 | 29.75 | 49.22 | -19.47 | Average |
| 8 | 0.34 | 0.01 | 9.50 | 34.95 | 44.46 | 59.22 | -14.76 | QP |
| 9 | 0.48 | 0.01 | 9.49 | 13.62 | 23.12 | 46.27 | -23.15 | Average |
| 10 | 0.48 | 0.01 | 9.49 | 33.81 | 43.31 | 56.27 | -12.96 | QP |
| 11 | 0.56 | 0.01 | 9.51 | 14.50 | 24.02 | 46.00 | -21.98 | Average |
| 12 | 0.56 | 0.01 | 9.51 | 33.09 | 42.61 | 56.00 | -13.39 | QP |

Neutral Line:




Site : Shielding Room
Condition: Neutral
Job No. : 00217RG
Test mode: a

| | Freq | Cable Loss | LISN Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB | dBuV | dBuV | dBuV | dB | |
| 1 | 0.17 | 0.02 | 9.59 | 25.72 | 35.33 | 54.72 | -19.39 | Average |
| 2 | 0.17 | 0.02 | 9.59 | 38.36 | 47.97 | 64.72 | -16.75 | QP |
| 3 | 0.23 | 0.02 | 9.58 | 23.19 | 32.79 | 52.52 | -19.73 | Average |
| 4 | 0.23 | 0.02 | 9.58 | 37.21 | 46.81 | 62.52 | -15.71 | QP |
| 5 | 0.30 | 0.01 | 9.58 | 20.51 | 30.10 | 50.37 | -20.27 | Average |
| 6 | 0.30 | 0.01 | 9.58 | 34.56 | 44.15 | 60.37 | -16.22 | QP |
| 7 | 0.36 | 0.01 | 9.58 | 19.37 | 28.96 | 48.83 | -19.87 | Average |
| 8 | 0.36 | 0.01 | 9.58 | 34.26 | 43.85 | 58.83 | -14.98 | QP |
| 9 | 0.47 | 0.01 | 9.60 | 16.54 | 26.15 | 46.58 | -20.43 | Average |
| 10 | 0.47 | 0.01 | 9.60 | 31.56 | 41.17 | 56.58 | -15.41 | QP |
| 11 | 0.52 | 0.01 | 9.60 | 11.89 | 21.50 | 46.00 | -24.50 | Average |
| 12 | 0.52 | 0.01 | 9.60 | 27.87 | 37.48 | 56.00 | -18.52 | QP |

*Notes:*

*1. The following Quasi-Peak and Average measurements were performed on the EUT:*

*2. Final Test Level =Receiver Reading + LISN Factor + Cable Loss.*

## 6.3 Radiated Spurious Emissions

| | |
|---|---|
| Test Requirement: | 47 CFR Part 15 Section 15.407(b) |
| Test Method: | ANSI C63.10: 2013 |
| Test Site: | Measurement Distance: 3m or 10m (Semi-Anechoic Chamber) |
| Test Setup: | |

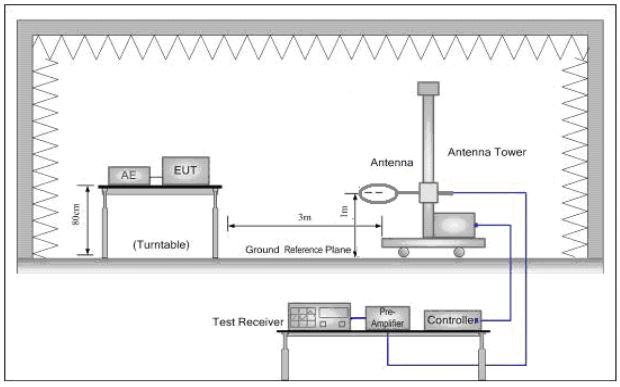



Figure 1. 30MHz to 1GHz

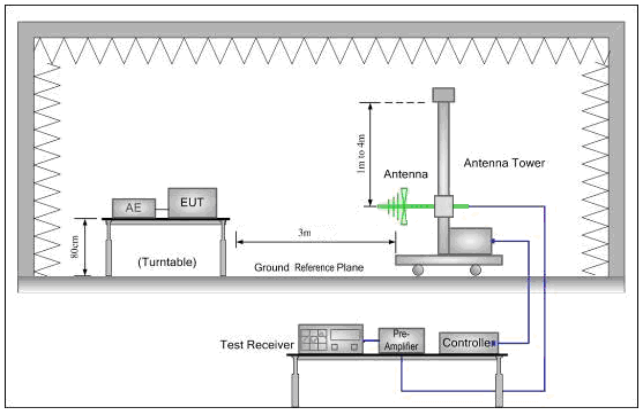


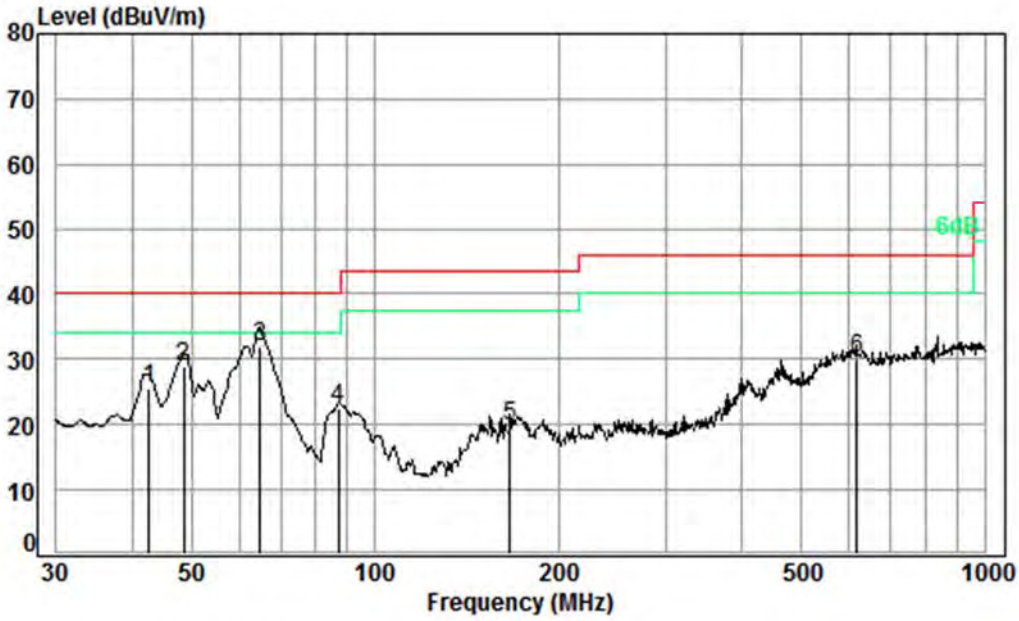

Figure 2. Above 1 GHz

| | |
|---|---|
| Test Procedure: | a. For below 1GHz test, 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 camber. The table was rotated 360 degrees to determine the position of the highest radiation.<br>b. For above 1GHz test, the EUT was placed on the top of a rotating table 1.5 meters above the ground at a 3 meter semi-anechoic camber. The table was rotated 360 degrees to determine the position of the highest radiation.<br>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.<br>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.<br>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 and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.<br>f. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.<br>g. Test the EUT in the outermost channels.<br>h. The radiation measurements are performed in X, Y, Z axis positioning for Transmitting mode, and found the X axis positioning which it is worse case.<br>i. Repeat above procedures until all frequencies measured was complete. |
| Exploratory Test Mode: | Transmitting with all kind of modulations, data rates. |
| Final Test Mode: | Through Pre-scan, find the 6Mbps of rate is the worst case of 802.11a;<br>MCS0 of rate is the worst case of 802.11n(HT20); MCS0 of rate is the worst case of 802.11n(HT40); MCS0 of rate is the worst case of 802.11ac(HT20); MCS0 of rate is the worst case of 802.11ac(HT40); MCS0 of rate is the worst |

| | |
|---|---|
| | case of 802.11ac(HT80)<br>For below 1GHz, through Pre-scan, find the 1Mbps of rate of 802.11a at lowest channel is the worst case.Only the worst case is recorded in the report. |
| Instruments Used: | Refer to section 5.10 for details |
| Test Results: | Pass |

### 6.3.1 Radiated emission below 1GHz

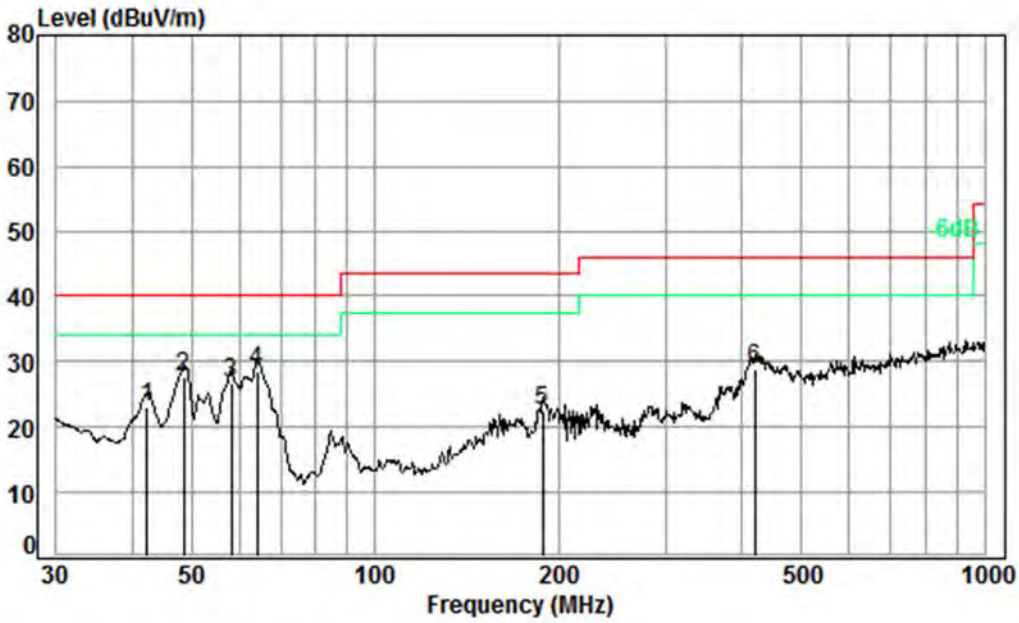
| **30MHz~1GHz（QP）** | | |
|---|---|---|
| Test mode: | Transmitting | Vertical |




Condition: 3m VERTICAL
Job No. : 00217RG
Test mode: a

| | 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 | 42.60 | 0.66 | 16.57 | 27.62 | 35.97 | 25.58 | 40.00 | -14.42 |
| 2 | 48.50 | 0.77 | 14.65 | 27.60 | 41.21 | 29.03 | 40.00 | -10.97 |
| 3 pp | 64.89 | 0.80 | 13.00 | 27.54 | 45.59 | 31.85 | 40.00 | -8.15 |
| 4 | 87.11 | 1.10 | 12.80 | 27.50 | 36.08 | 22.48 | 40.00 | -17.52 |
| 5 | 166.65 | 1.35 | 15.64 | 27.52 | 30.17 | 19.64 | 43.50 | -23.86 |
| 6 | 616.37 | 2.74 | 26.83 | 27.68 | 28.34 | 30.23 | 46.00 | -15.77 |

| Test mode: | Transmitting | Horizontal |
|---|---|---|




Condition: 3m HORIZONTAL
Job No. : 00217RG
Test mode: a

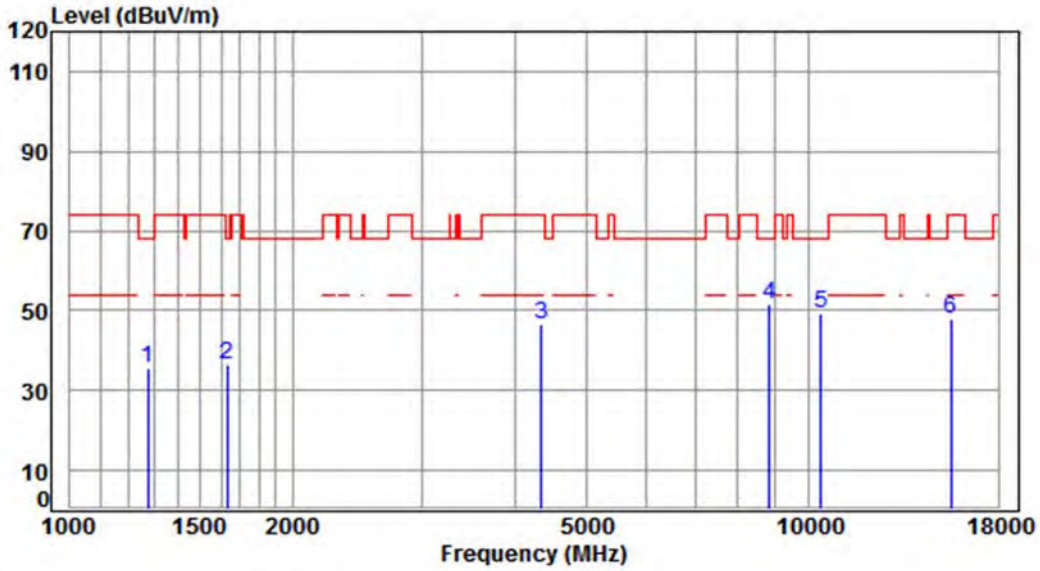
| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit |
|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB |
| 1 | 42.30 | 0.65 | 16.67 | 27.62 | 33.49 | 23.19 | 40.00 | -16.81 |
| 2 | 48.50 | 0.77 | 14.65 | 27.60 | 39.77 | 27.59 | 40.00 | -12.41 |
| 3 | 58.20 | 0.80 | 13.37 | 27.57 | 40.16 | 26.76 | 40.00 | -13.24 |
| 4 pp | 63.98 | 0.80 | 13.03 | 27.55 | 42.18 | 28.46 | 40.00 | -11.54 |
| 5 | 188.41 | 1.38 | 16.16 | 27.53 | 32.54 | 22.55 | 43.50 | -20.95 |
| 6 | 420.58 | 2.29 | 22.89 | 27.76 | 31.56 | 28.98 | 46.00 | -17.02 |

### 6.3.2Transmitter emission above 1GHz

# ANT1

**Test plot as follows:**

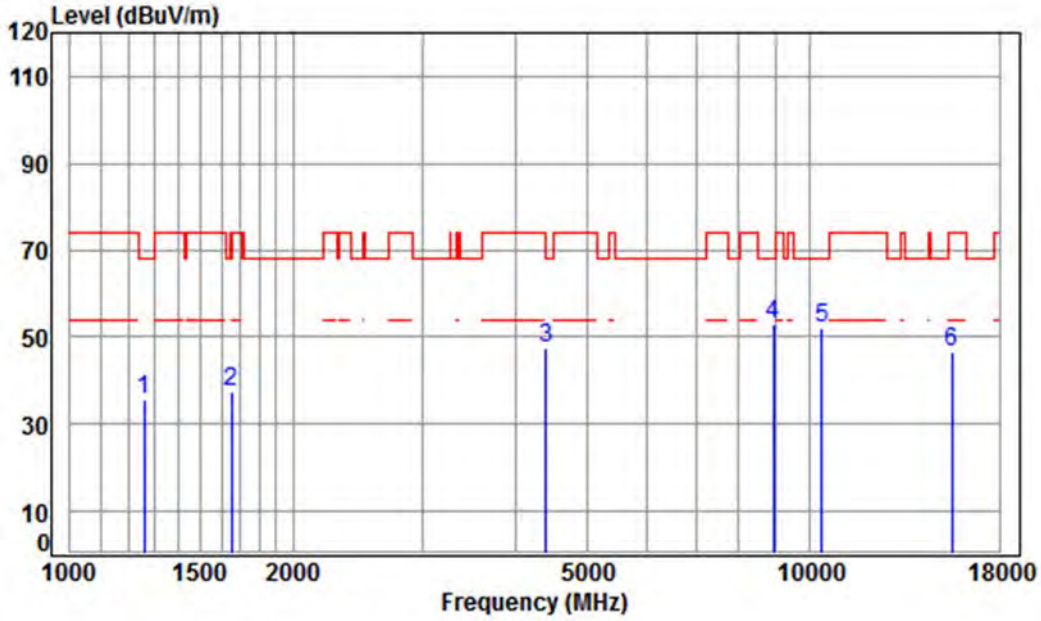
| Test mode: | 802.11a | Frequency(MHz): | 5180 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5180 TX RSE
: Ant 1 5G WIFI 11A CH36

| | Freq | Cable Loss | 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 | 4.71 | 24.84 | 38.06 | 44.15 | 35.64 | 68.20 | -32.56 | peak |
| 2 | 1629.825 | 5.31 | 26.38 | 38.03 | 43.05 | 36.71 | 68.20 | -31.49 | peak |
| 3 | 4341.886 | 7.38 | 33.60 | 38.18 | 43.85 | 46.65 | 74.00 | -27.35 | peak |
| 4 | pp 8840.473 | 10.36 | 36.41 | 35.55 | 40.17 | 51.39 | 68.20 | -16.81 | peak |
| 5 | 10360.000 | 11.19 | 37.24 | 35.09 | 35.93 | 49.27 | 68.20 | -18.93 | peak |
| 6 | 15540.000 | 14.30 | 41.38 | 38.30 | 30.64 | 48.02 | 74.00 | -25.98 | peak |

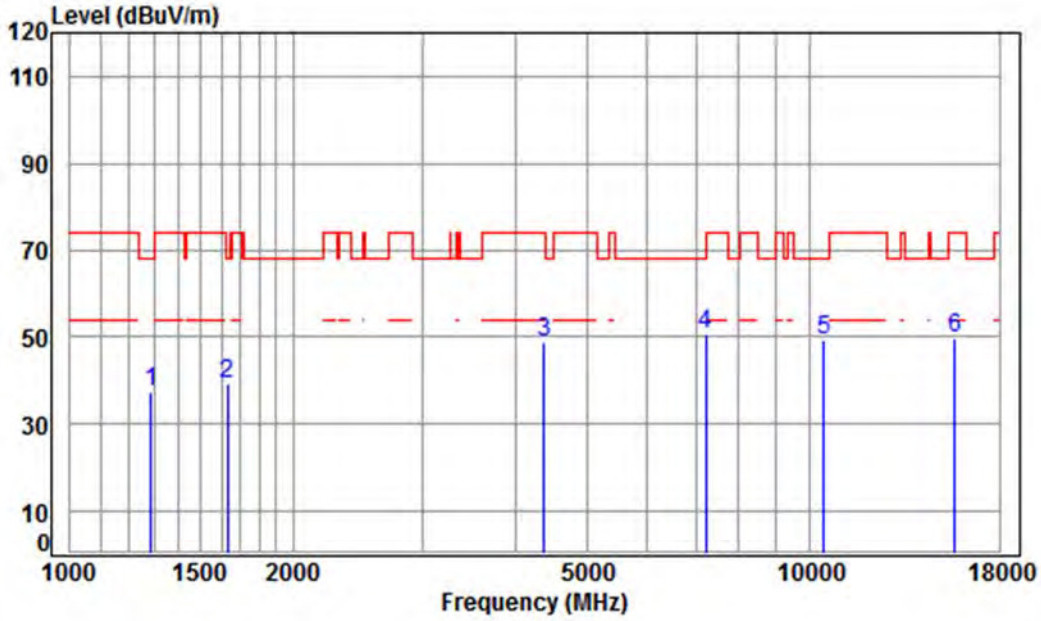
| Test mode: | 802.11a | Frequency(MHz): | 5180 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5180 TX RSE
: Ant 1 5G WIFI 11A CH36

| | Freq | Cable Loss | 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 | 4.65 | 24.77 | 38.07 | 44.38 | 35.73 | 68.20 | -32.47 | peak |
| 2 | 1653.550 | 5.28 | 26.48 | 38.03 | 43.67 | 37.40 | 68.20 | -30.80 | peak |
| 3 | 4392.376 | 7.44 | 33.60 | 38.21 | 44.55 | 47.38 | 74.00 | -26.62 | peak |
| 4 pp | 8917.462 | 10.38 | 36.50 | 35.48 | 41.53 | 52.93 | 68.20 | -15.27 | peak |
| 5 | 10360.000 | 11.19 | 37.24 | 35.09 | 38.45 | 51.79 | 68.20 | -16.41 | peak |
| 6 | 15540.000 | 14.30 | 41.38 | 38.30 | 29.25 | 46.63 | 74.00 | -27.37 | peak |

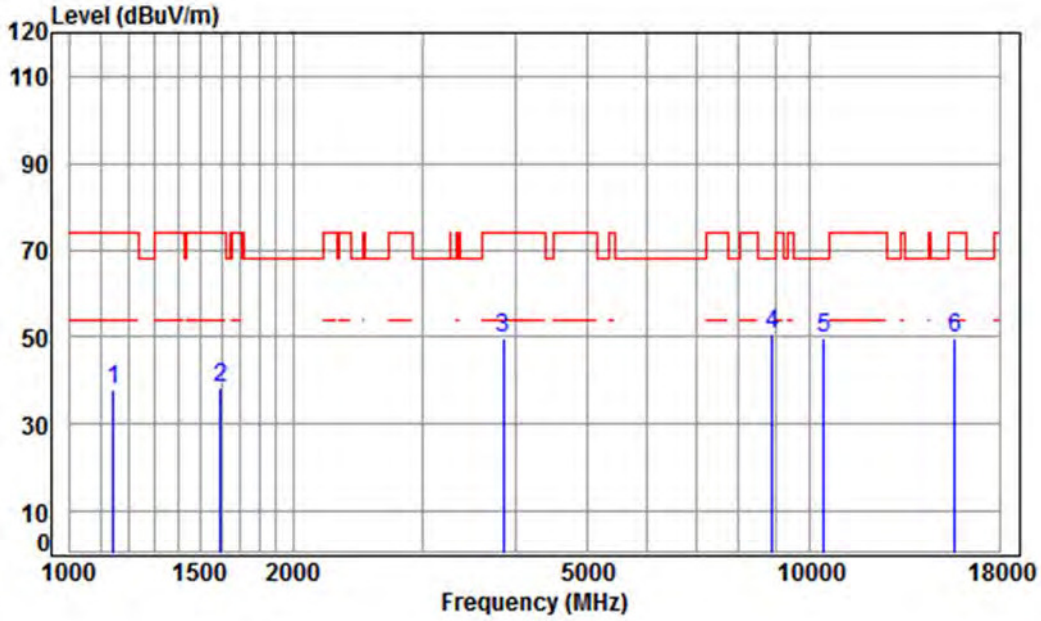
| Test mode: | 802.11a | Frequency(MHz): | 5220 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5220 TX RSE
: Ant 1 5G WIFI 11A CH44

| | Freq | Cable Loss | 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 | 4.75 | 24.89 | 38.70 | 46.65 | 37.59 | 68.20 | -30.61 | peak |
| 2 | 1634.543 | 5.31 | 26.40 | 38.70 | 46.37 | 39.38 | 68.20 | -28.82 | peak |
| 3 | 4367.058 | 7.41 | 33.60 | 38.14 | 46.08 | 48.95 | 74.00 | -25.05 | peak |
| 4 pp | 7221.150 | 10.07 | 36.41 | 38.22 | 42.31 | 50.57 | 68.20 | -17.63 | peak |
| 5 | 10440.000 | 11.25 | 37.16 | 36.35 | 37.27 | 49.33 | 68.20 | -18.87 | peak |
| 6 | 15660.000 | 14.48 | 41.34 | 38.03 | 32.04 | 49.83 | 74.00 | -24.17 | peak |

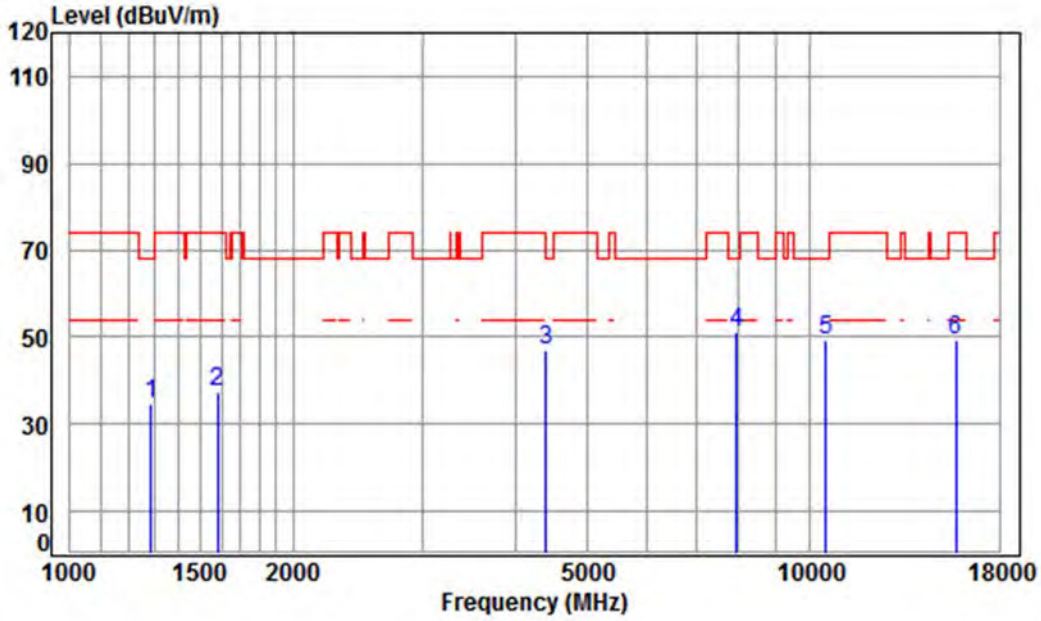
| Test mode: | 802.11a | Frequency(MHz): | 5220 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5220 TX RSE
: Ant 1 5G WIFI 11A CH44

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 48.22 | 37.92 | 74.00 | -36.08 | peak |
| 2 | 1597.181 | 5.35 | 26.24 | 38.70 | 45.65 | 38.54 | 74.00 | -35.46 | peak |
| 3 | 3845.537 | 6.83 | 33.19 | 38.06 | 47.97 | 49.93 | 74.00 | -24.07 | peak |
| 4 pp | 8891.725 | 10.37 | 36.47 | 38.21 | 41.82 | 50.45 | 68.20 | -17.75 | peak |
| 5 | 10440.000 | 11.25 | 37.16 | 36.35 | 37.88 | 49.94 | 68.20 | -18.26 | peak |
| 6 | 15660.000 | 14.48 | 41.34 | 38.03 | 31.73 | 49.52 | 74.00 | -24.48 | peak |

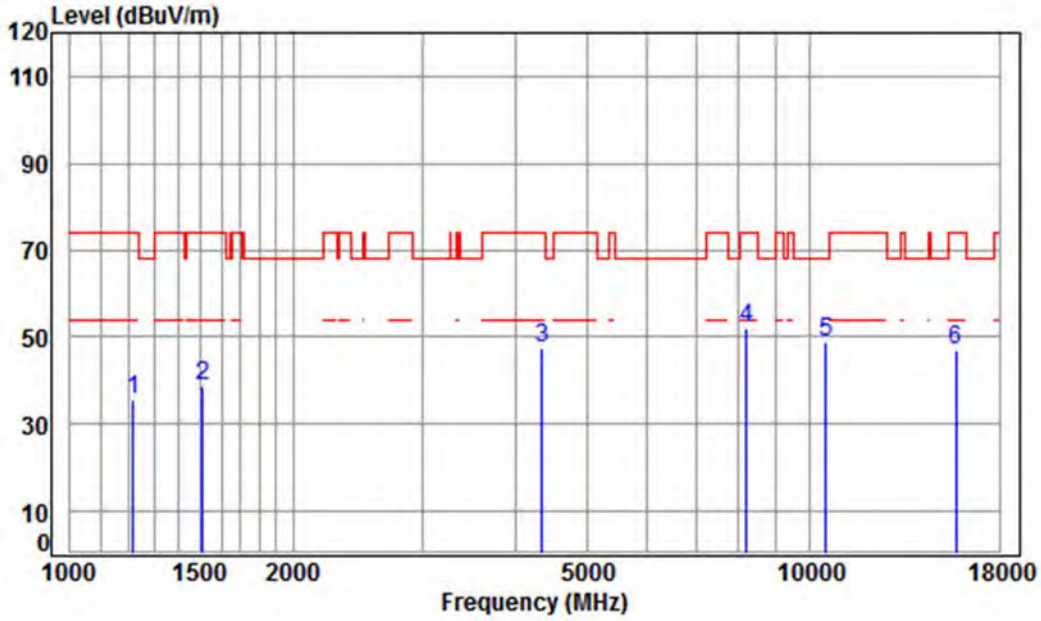
| Test mode: | 802.11a | Frequency(MHz): | 5240 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5240 TX RSE
: Ant 1 5G WIFI 11A CH48

| | Freq | Cable Loss | 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 | 4.75 | 24.89 | 38.06 | 43.27 | 34.85 | 68.20 | -33.35 | peak |
| 2 | 1583.392 | 5.37 | 26.18 | 38.03 | 43.82 | 37.34 | 74.00 | -36.66 | peak |
| 3 | 4392.376 | 7.44 | 33.60 | 38.21 | 44.13 | 46.96 | 74.00 | -27.04 | peak |
| 4 | pp 7943.838 | 9.96 | 36.57 | 36.45 | 41.03 | 51.11 | 68.20 | -17.09 | peak |
| 5 | 10480.000 | 11.28 | 37.12 | 35.15 | 36.14 | 49.39 | 68.20 | -18.81 | peak |
| 6 | 15720.000 | 14.57 | 41.31 | 38.10 | 31.54 | 49.32 | 74.00 | -24.68 | peak |

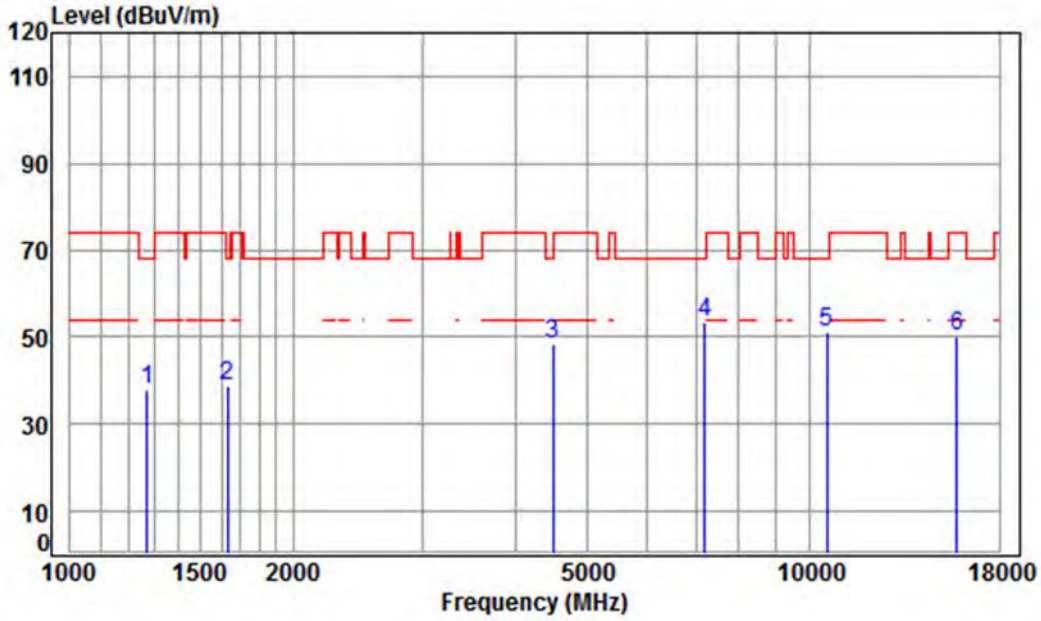
| Test mode: | 802.11a | Frequency(MHz): | 5240 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5240 TX RSE
: Ant 1 5G WIFI 11A CH48

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1217.190 | 4.49 | 24.56 | 38.07 | 44.68 | 35.66 | 74.00 | -38.34 | peak |
| 2 | 1511.833 | 5.46 | 25.85 | 38.04 | 45.49 | 38.76 | 74.00 | -35.24 | peak |
| 3 | 4341.886 | 7.38 | 33.60 | 38.18 | 44.53 | 47.33 | 74.00 | -26.67 | peak |
| 4 | 8200.463 | 10.08 | 36.36 | 36.19 | 41.55 | 51.80 | 74.00 | -22.20 | peak |
| 5 | pp10480.000 | 11.28 | 37.12 | 35.15 | 35.42 | 48.67 | 68.20 | -19.53 | peak |
| 6 | 15720.000 | 14.57 | 41.31 | 38.10 | 29.27 | 47.05 | 74.00 | -26.95 | peak |

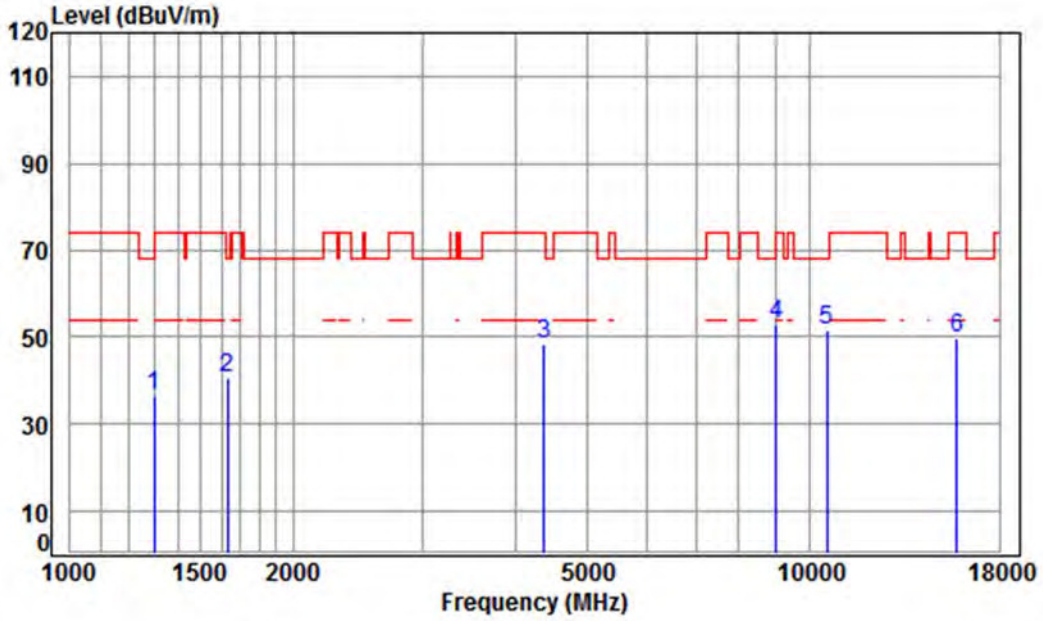
| Test mode: | 802.11a | Frequency(MHz): | 5260 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5260 TX RSE
: Ant 1 5G WIFI 11A CH52

| | Freq | Cable Loss | 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 | 4.69 | 24.82 | 38.07 | 46.54 | 37.98 | 68.20 | -30.22 | peak |
| 2 | 1629.825 | 5.31 | 26.38 | 38.03 | 45.15 | 38.81 | 68.20 | -29.39 | peak |
| 3 | 4495.125 | 7.55 | 33.60 | 38.26 | 45.55 | 48.44 | 68.20 | -19.76 | peak |
| 4 pp | 7200.309 | 10.08 | 36.42 | 37.11 | 43.81 | 53.20 | 68.20 | -15.00 | peak |
| 5 | 10520.000 | 11.30 | 37.12 | 35.17 | 37.69 | 50.94 | 68.20 | -17.26 | peak |
| 6 | 15780.000 | 14.66 | 41.29 | 38.04 | 32.19 | 50.10 | 74.00 | -23.90 | peak |

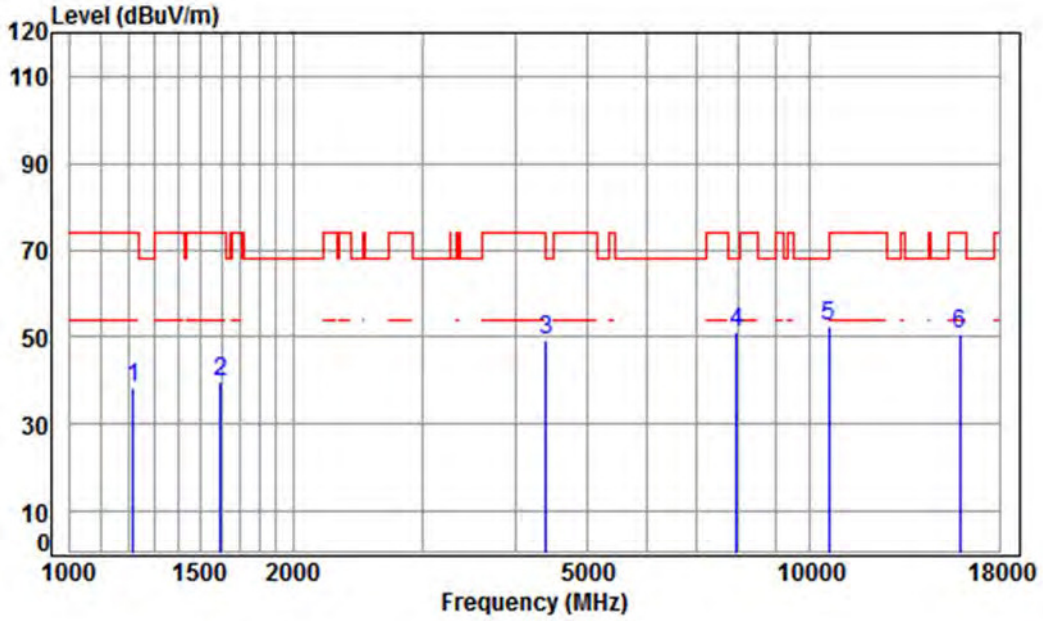
| Test mode: | 802.11a | Frequency(MHz): | 5260 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5260 TX RSE
: Ant 1 5G WIFI 11A CH52

| | Freq | Cable Loss | 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 | 4.79 | 24.94 | 38.06 | 44.67 | 36.34 | 68.20 | -31.86 | peak |
| 2 | 1629.825 | 5.31 | 26.38 | 38.03 | 46.80 | 40.46 | 68.20 | -27.74 | peak |
| 3 | 4367.058 | 7.41 | 33.60 | 38.20 | 45.53 | 48.34 | 74.00 | -25.66 | peak |
| 4 | pp 8995.123 | 10.40 | 36.59 | 35.40 | 41.52 | 53.11 | 68.20 | -15.09 | peak |
| 5 | 10520.000 | 11.30 | 37.12 | 35.17 | 38.21 | 51.46 | 68.20 | -16.74 | peak |
| 6 | 15780.000 | 14.66 | 41.29 | 38.04 | 31.98 | 49.89 | 74.00 | -24.11 | peak |

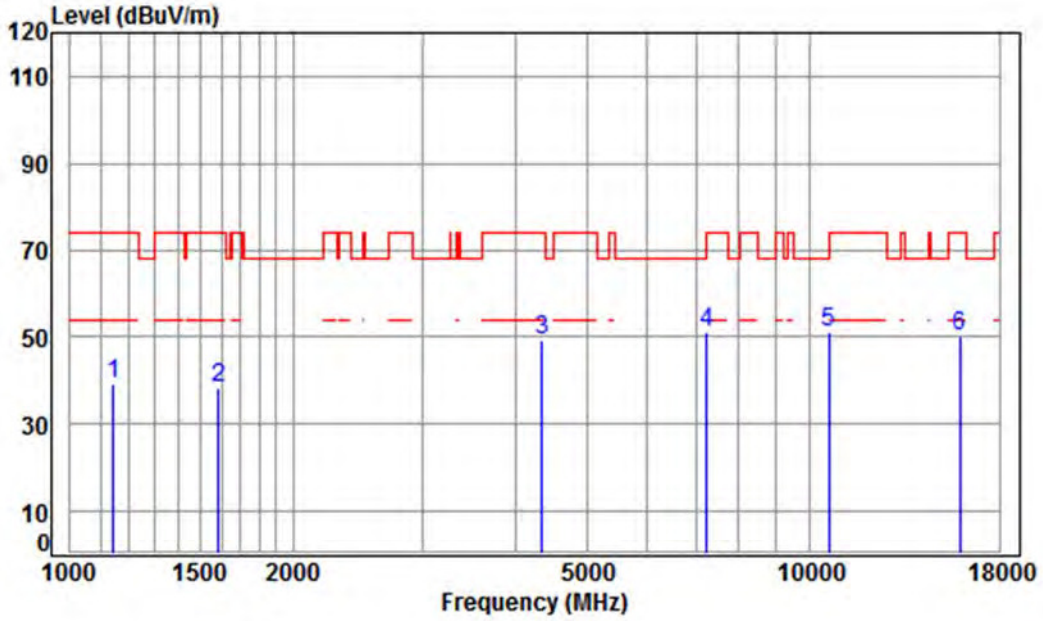
| Test mode: | 802.11a | Frequency(MHz): | 5300 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5300 TX RSE
: Ant 1 5G WIFI 11A CH60

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1217.190 | 4.49 | 24.56 | 38.70 | 48.04 | 38.39 | 74.00 | -35.61 | peak |
| 2 | 1597.181 | 5.35 | 26.24 | 38.70 | 46.76 | 39.65 | 74.00 | -34.35 | peak |
| 3 | 4392.376 | 7.44 | 33.60 | 38.14 | 46.45 | 49.35 | 74.00 | -24.65 | peak |
| 4 | 7943.838 | 9.96 | 36.57 | 38.29 | 42.86 | 51.10 | 68.20 | -17.10 | peak |
| 5 | pp10600.000 | 11.36 | 37.22 | 36.36 | 40.23 | 52.45 | 68.20 | -15.75 | peak |
| 6 | 15900.000 | 14.84 | 41.24 | 37.87 | 32.34 | 50.55 | 74.00 | -23.45 | peak |

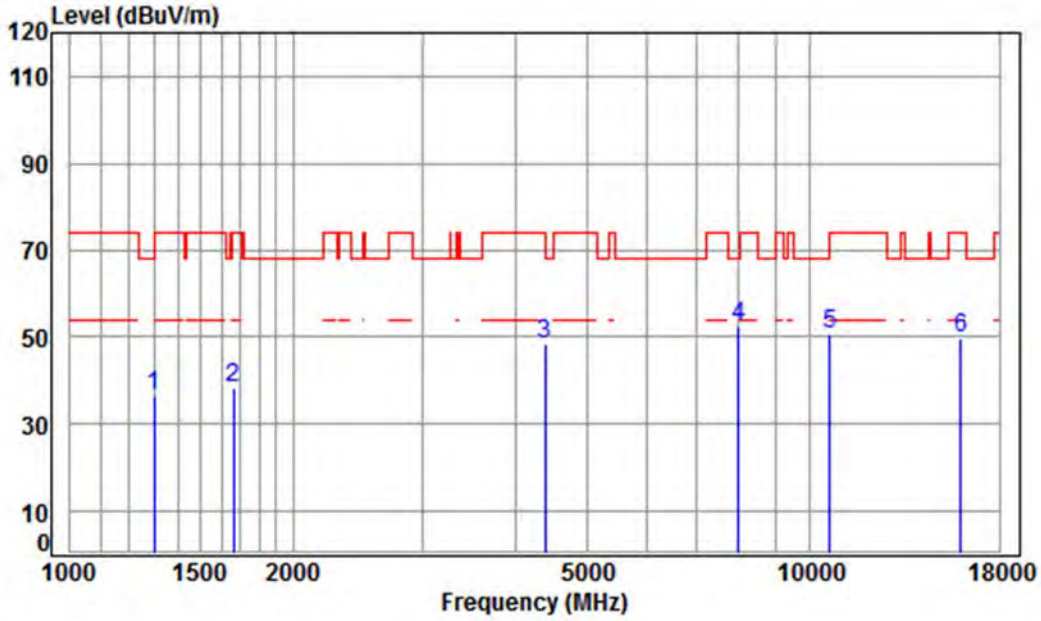
| Test mode: | 802.11a | Frequency(MHz): | 5300 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5300 TX RSE
: Ant 1 5G WIFI 11A CH60

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 49.34 | 39.04 | 74.00 | -34.96 | peak |
| 2 | 1587.975 | 5.37 | 26.20 | 38.70 | 45.65 | 38.52 | 74.00 | -35.48 | peak |
| 3 | 4341.886 | 7.38 | 33.60 | 38.14 | 46.33 | 49.17 | 74.00 | -24.83 | peak |
| 4 pp | 7242.052 | 10.07 | 36.40 | 38.23 | 42.84 | 51.08 | 68.20 | -17.12 | peak |
| 5 | 10600.000 | 11.36 | 37.22 | 36.36 | 38.82 | 51.04 | 68.20 | -17.16 | peak |
| 6 | 15900.000 | 14.84 | 41.24 | 37.87 | 31.75 | 49.96 | 74.00 | -24.04 | peak |

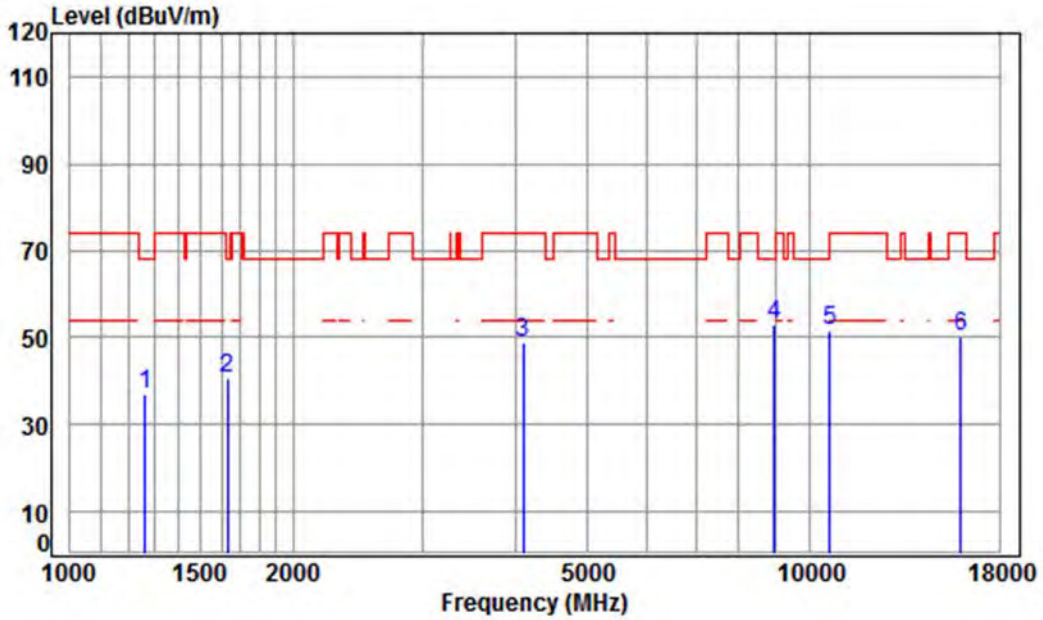
| Test mode: | 802.11a | Frequency(MHz): | 5320 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5320 TX RSE
: Ant 1 5G WIFI 11A CH64

| | Freq | Cable Loss | 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 | 4.80 | 24.96 | 38.06 | 44.85 | 36.55 | 74.00 | -37.45 | peak |
| 2 | 1663.137 | 5.27 | 26.52 | 38.03 | 44.54 | 38.30 | 74.00 | -35.70 | peak |
| 3 | 4379.699 | 7.43 | 33.60 | 38.20 | 45.62 | 48.45 | 74.00 | -25.55 | peak |
| 4 pp | 7989.893 | 9.95 | 36.59 | 36.41 | 42.42 | 52.55 | 68.20 | -15.65 | peak |
| 5 | 10640.000 | 11.39 | 37.27 | 35.23 | 37.35 | 50.78 | 74.00 | -23.22 | peak |
| 6 | 15960.000 | 14.93 | 41.22 | 37.84 | 31.60 | 49.91 | 74.00 | -24.09 | peak |

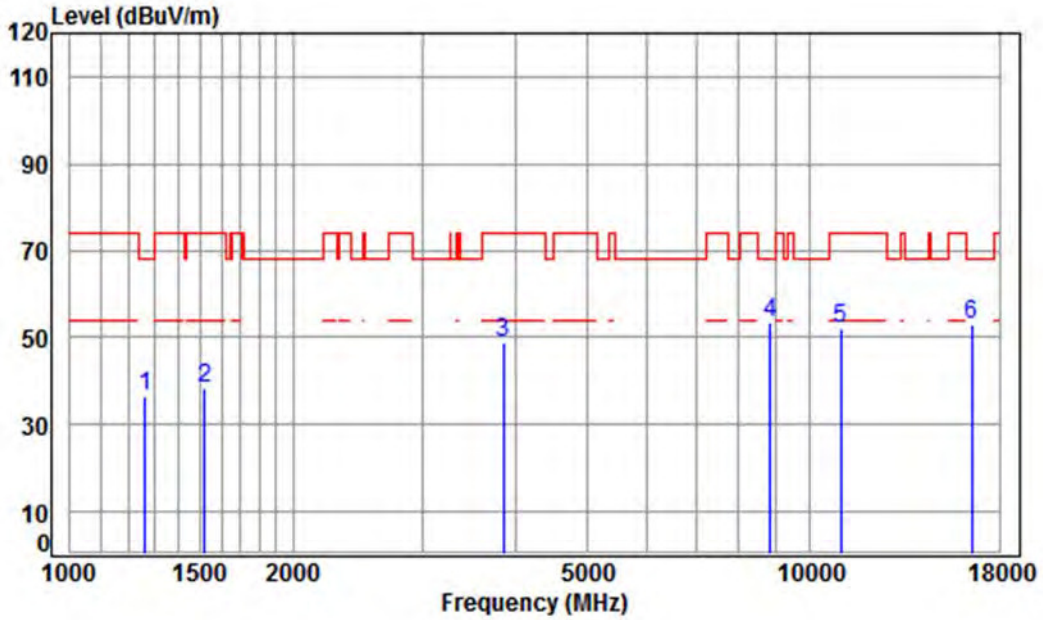
| Test mode: | 802.11a | Frequency(MHz): | 5320 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5320 TX RSE
: Ant 1 5G WIFI 11A CH64

| | Freq | Cable Loss | 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 | 4.66 | 24.79 | 38.07 | 45.78 | 37.16 | 68.20 | -31.04 | peak |
| 2 | 1634.543 | 5.31 | 26.40 | 38.03 | 46.81 | 40.49 | 68.20 | -27.71 | peak |
| 3 | 4098.010 | 7.10 | 33.60 | 38.05 | 46.35 | 49.00 | 74.00 | -25.00 | peak |
| 4 pp | 8943.274 | 10.39 | 36.53 | 35.45 | 41.64 | 53.11 | 68.20 | -15.09 | peak |
| 5 | 10640.000 | 11.39 | 37.27 | 35.23 | 38.19 | 51.62 | 74.00 | -22.38 | peak |
| 6 | 15960.000 | 14.93 | 41.22 | 37.84 | 31.73 | 50.04 | 74.00 | -23.96 | peak |

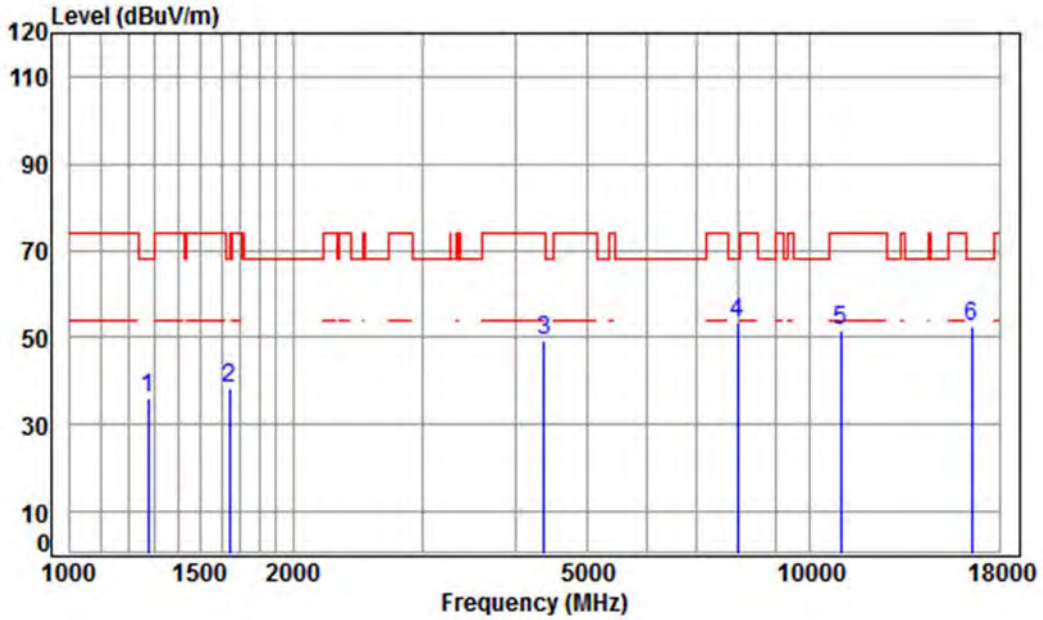
| Test mode: | 802.11a | Frequency(MHz): | 5500 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5500 TX RSE
: Ant 1 5G WIFI 11A CH100

| | Freq | Cable Loss | 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 | 4.66 | 24.79 | 38.07 | 45.30 | 36.68 | 68.20 | -31.52 | peak |
| 2 | 1520.598 | 5.45 | 25.89 | 38.04 | 45.11 | 38.41 | 74.00 | -35.59 | peak |
| 3 | 3845.537 | 6.83 | 33.19 | 37.99 | 46.60 | 48.63 | 74.00 | -25.37 | peak |
| 4 pp | 8840.473 | 10.36 | 36.41 | 35.55 | 42.24 | 53.46 | 68.20 | -14.74 | peak |
| 5 | 11000.000 | 11.63 | 37.70 | 35.40 | 37.94 | 51.87 | 74.00 | -22.13 | peak |
| 6 | 16500.000 | 14.50 | 42.70 | 37.04 | 32.89 | 53.05 | 68.20 | -15.15 | peak |

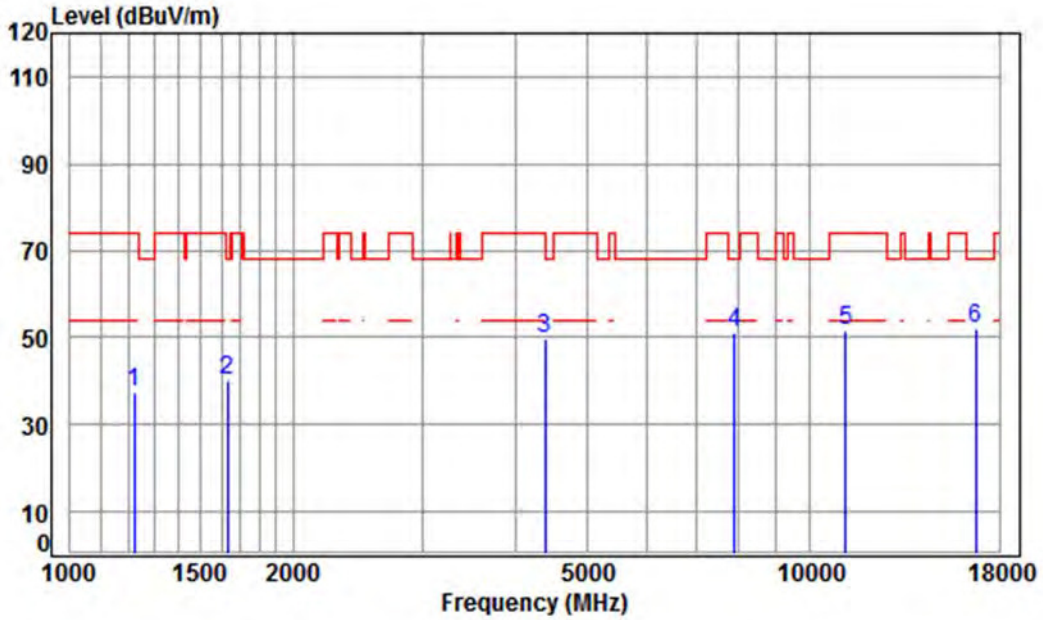
| Test mode: | 802.11a | Frequency(MHz): | 5500 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5500 TX RSE
: Ant 1 5G WIFI 11A CH100

| | Freq | Cable Loss | 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 | 4.71 | 24.84 | 38.06 | 44.71 | 36.20 | 68.20 | -32.00 | peak |
| 2 | 1644.019 | 5.30 | 26.44 | 38.03 | 44.65 | 38.36 | 68.20 | -29.84 | peak |
| 3 | 4367.058 | 7.41 | 33.60 | 38.20 | 46.54 | 49.35 | 74.00 | -24.65 | peak |
| 4 pp | 7966.832 | 9.95 | 36.58 | 36.43 | 43.21 | 53.31 | 68.20 | -14.89 | peak |
| 5 | 11000.000 | 11.63 | 37.70 | 35.40 | 37.76 | 51.69 | 74.00 | -22.31 | peak |
| 6 | 16500.000 | 14.50 | 42.70 | 37.04 | 32.18 | 52.34 | 68.20 | -15.86 | peak |

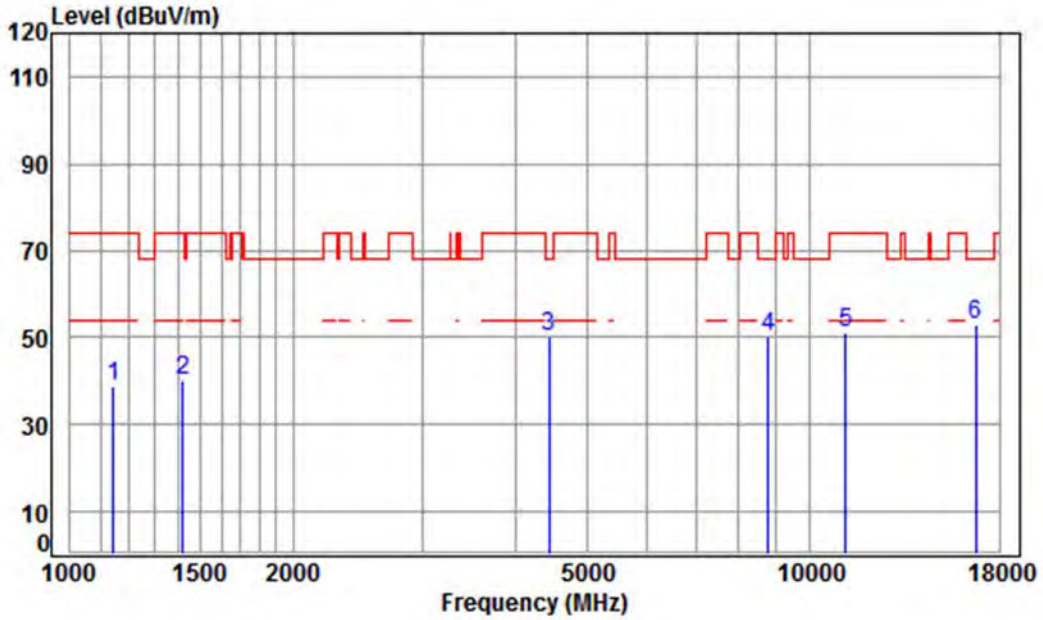
| Test mode: | 802.11a | Frequency(MHz): | 5580 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5580 TX RSE
: Ant 1 5G WIFI 11A CH116

| | Freq | Cable Loss | 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 | 4.50 | 24.58 | 38.70 | 47.00 | 37.38 | 74.00 | -36.62 | peak |
| 2 | 1629.825 | 5.31 | 26.38 | 38.70 | 47.08 | 40.07 | 68.20 | -28.13 | peak |
| 3 | 4379.699 | 7.43 | 33.60 | 38.14 | 46.85 | 49.74 | 74.00 | -24.26 | peak |
| 4 | 7898.049 | 9.96 | 36.54 | 38.29 | 42.86 | 51.07 | 68.20 | -17.13 | peak |
| 5 | 11160.000 | 11.80 | 37.83 | 36.45 | 38.51 | 51.69 | 74.00 | -22.31 | peak |
| 6 | pp16740.000 | 15.57 | 42.75 | 38.10 | 31.81 | 52.03 | 68.20 | -16.17 | peak |

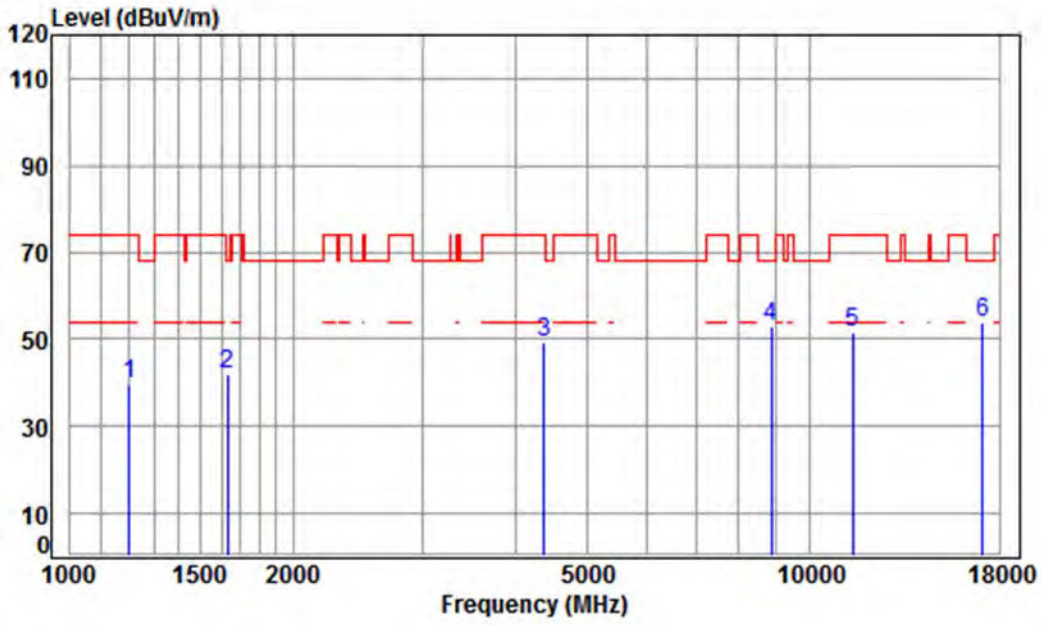
| Test mode: | 802.11a | Frequency(MHz): | 5580 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5580 TX RSE
: Ant 1 5G WIFI 11A CH116

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 49.16 | 38.86 | 74.00 | -35.14 | peak |
| 2 | 1418.692 | 5.21 | 25.47 | 38.70 | 48.21 | 40.19 | 74.00 | -33.81 | peak |
| 3 | 4443.453 | 7.50 | 33.60 | 38.15 | 47.04 | 49.99 | 68.20 | -18.21 | peak |
| 4 | 8764.146 | 10.34 | 36.32 | 38.22 | 41.88 | 50.32 | 68.20 | -17.88 | peak |
| 5 | 11160.000 | 11.80 | 37.83 | 36.45 | 37.74 | 50.92 | 74.00 | -23.08 | peak |
| 6 | pp16740.000 | 15.57 | 42.75 | 38.10 | 32.60 | 52.82 | 68.20 | -15.38 | peak |

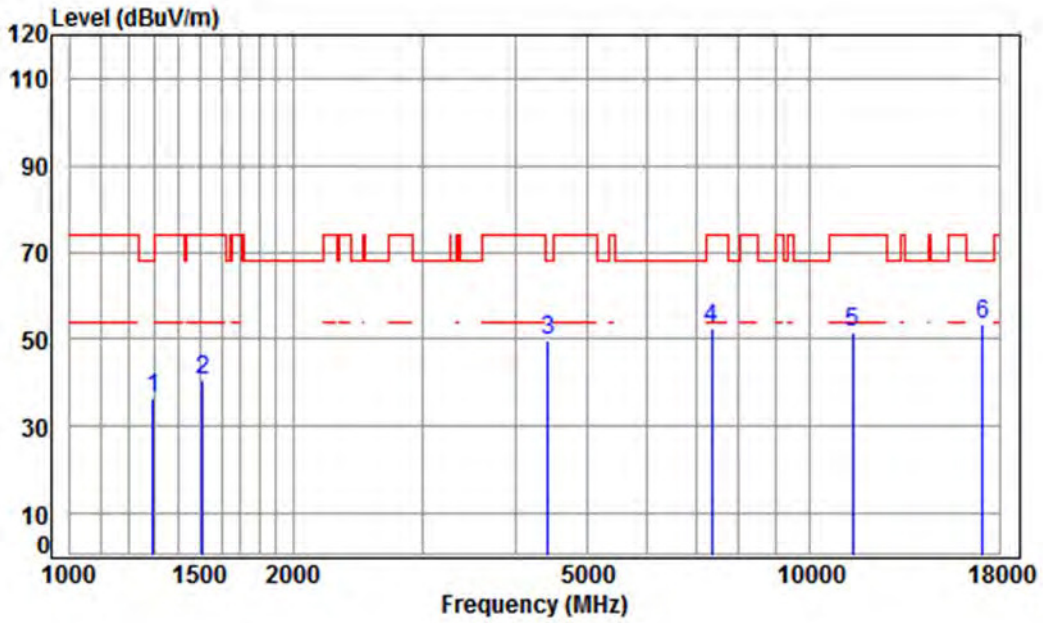
| Test mode: | 802.11a | Frequency(MHz): | 5700 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5700 TX RSE
: Ant 1 5G WIFI 11A CH140

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1203.199 | 4.43 | 24.49 | 38.07 | 49.05 | 39.90 | 74.00 | -34.10 | peak |
| 2 | 1629.825 | 5.31 | 26.38 | 38.03 | 48.24 | 41.90 | 68.20 | -26.30 | peak |
| 3 | 4367.058 | 7.41 | 33.60 | 38.20 | 46.27 | 49.08 | 74.00 | -24.92 | peak |
| 4 | 8866.062 | 10.37 | 36.44 | 35.53 | 41.43 | 52.71 | 68.20 | -15.49 | peak |
| 5 | 11400.000 | 12.04 | 38.02 | 35.89 | 37.30 | 51.47 | 74.00 | -22.53 | peak |
| 6 | pp17100.000 | 16.49 | 42.92 | 36.25 | 30.60 | 53.76 | 68.20 | -14.44 | peak |

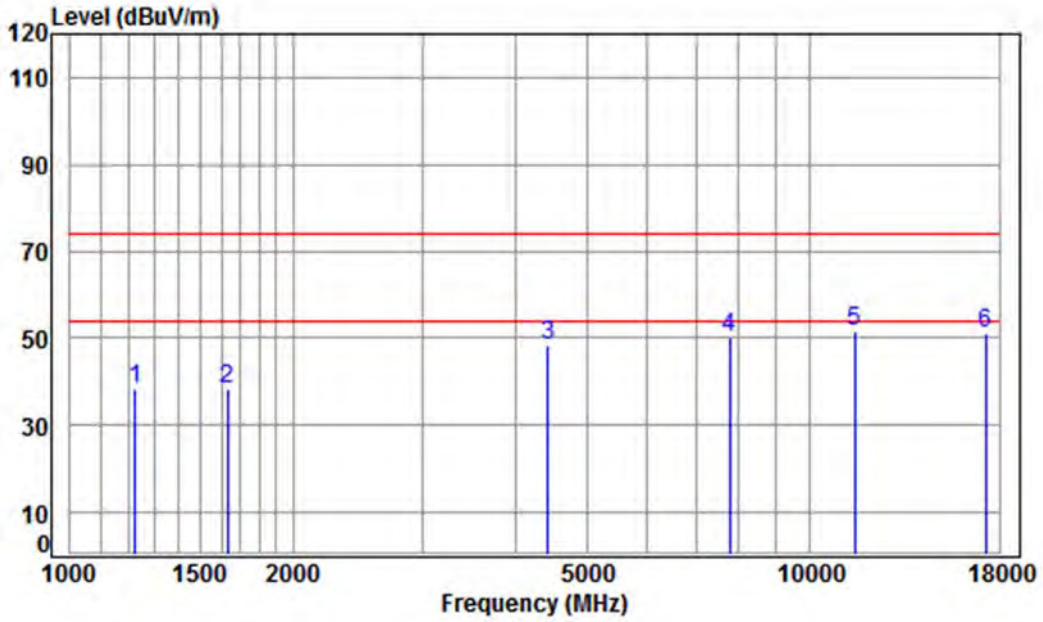
| Test mode: | 802.11a | Frequency(MHz): | 5700 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5700 TX RSE
: Ant 1 5G WIFI 11A CH140

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1293.359 | 4.77 | 24.92 | 38.06 | 44.91 | 36.54 | 68.20 | -31.66 | peak |
| 2 | 1511.833 | 5.46 | 25.85 | 38.04 | 47.16 | 40.43 | 74.00 | -33.57 | peak |
| 3 | 4417.841 | 7.47 | 33.60 | 38.22 | 46.67 | 49.52 | 68.20 | -18.68 | peak |
| 4 | 7368.741 | 10.03 | 36.35 | 36.95 | 43.15 | 52.58 | 74.00 | -21.42 | peak |
| 5 | 11400.000 | 12.04 | 38.02 | 35.89 | 37.16 | 51.33 | 74.00 | -22.67 | peak |
| 6 | pp17100.000 | 16.49 | 42.92 | 36.25 | 30.39 | 53.55 | 68.20 | -14.65 | peak |

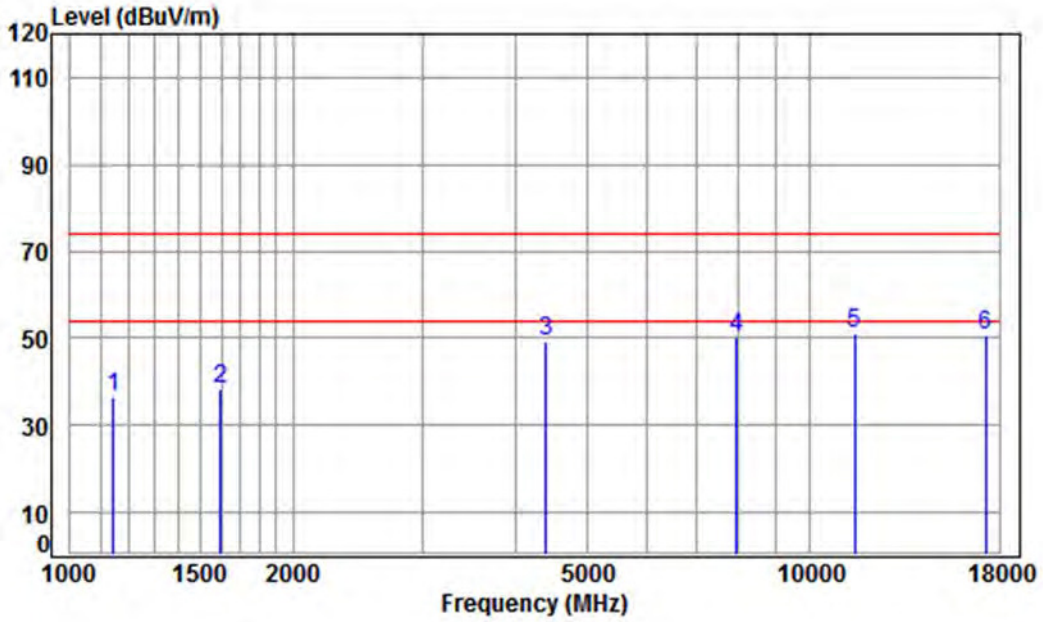
| Test mode: | 802.11a | Frequency(MHz): | 5745 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5745 TX RSE
: Ant 1 5G WIFI 11A CH149

| | Freq | Cable Loss | 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 | 4.51 | 24.60 | 38.70 | 47.71 | 38.12 | 74.00 | -35.88 | peak |
| 2 | 1629.825 | 5.31 | 26.38 | 38.70 | 45.36 | 38.35 | 74.00 | -35.65 | peak |
| 3 | 4417.841 | 7.47 | 33.60 | 38.14 | 45.31 | 48.24 | 74.00 | -25.76 | peak |
| 4 | 7784.729 | 9.97 | 36.47 | 38.28 | 42.04 | 50.20 | 74.00 | -23.80 | peak |
| 5 | pp11490.000 | 12.13 | 38.09 | 36.55 | 38.09 | 51.76 | 74.00 | -22.24 | peak |
| 6 | 17235.000 | 16.18 | 43.08 | 38.13 | 29.96 | 51.09 | 74.00 | -22.91 | peak |

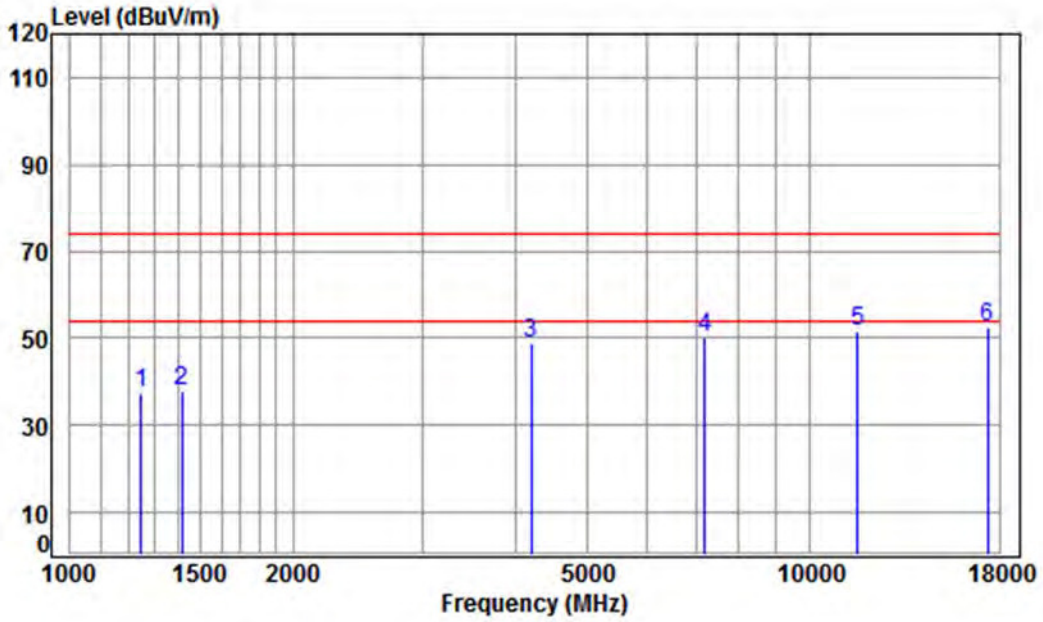
| Test mode: | 802.11a | Frequency(MHz): | 5745 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5745 TX RSE
: Ant 1 5G WIFI 11A CH149

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 46.97 | 36.67 | 74.00 | -37.33 | peak |
| 2 | 1597.181 | 5.35 | 26.24 | 38.70 | 45.39 | 38.28 | 74.00 | -35.72 | peak |
| 3 | 4392.376 | 7.44 | 33.60 | 38.14 | 46.20 | 49.10 | 74.00 | -24.90 | peak |
| 4 | 7943.838 | 9.96 | 36.57 | 38.29 | 42.11 | 50.35 | 74.00 | -23.65 | peak |
| 5 | pp11490.000 | 12.13 | 38.09 | 36.55 | 37.25 | 50.92 | 74.00 | -23.08 | peak |
| 6 | 17235.000 | 16.18 | 43.08 | 38.13 | 29.49 | 50.62 | 74.00 | -23.38 | peak |

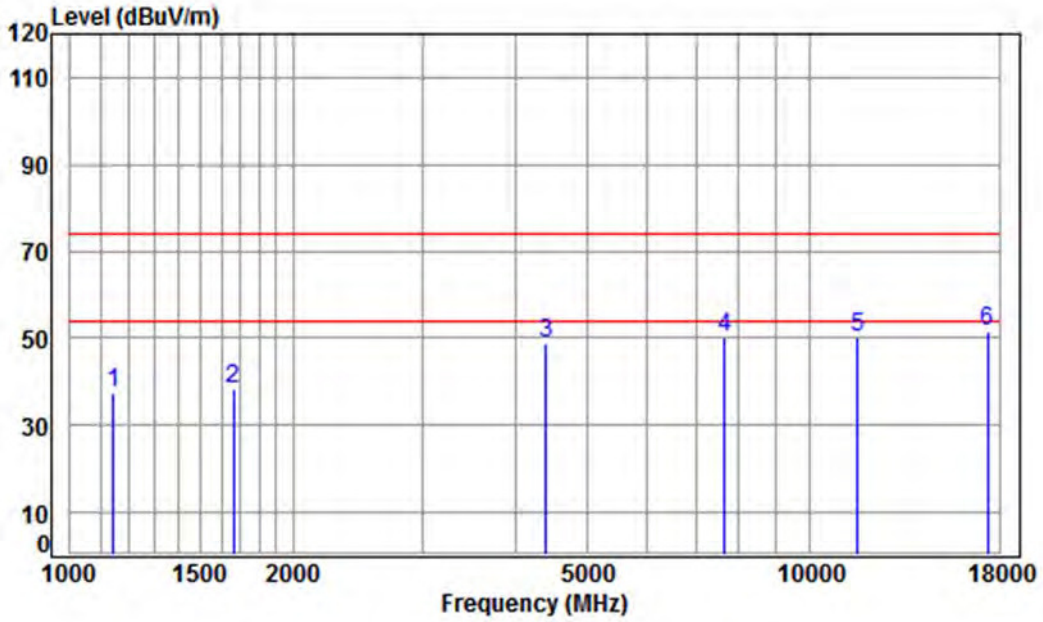
| Test mode: | 802.11a | Frequency(MHz): | 5785 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5785 TX RSE
: Ant 1 5G WIFI 11A CH157

| | Freq | Cable Loss | 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 | 4.61 | 24.72 | 38.70 | 46.97 | 37.60 | 74.00 | -36.40 | peak |
| 2 | 1414.597 | 5.20 | 25.45 | 38.70 | 45.81 | 37.76 | 74.00 | -36.24 | peak |
| 3 | 4193.872 | 7.21 | 33.60 | 38.12 | 45.96 | 48.65 | 74.00 | -25.35 | peak |
| 4 | 7200.309 | 10.08 | 36.42 | 38.22 | 41.89 | 50.17 | 74.00 | -23.83 | peak |
| 5 | 11570.000 | 12.17 | 38.17 | 36.57 | 37.69 | 51.46 | 74.00 | -22.54 | peak |
| 6 | pp17355.000 | 15.92 | 43.23 | 38.09 | 31.40 | 52.46 | 74.00 | -21.54 | peak |

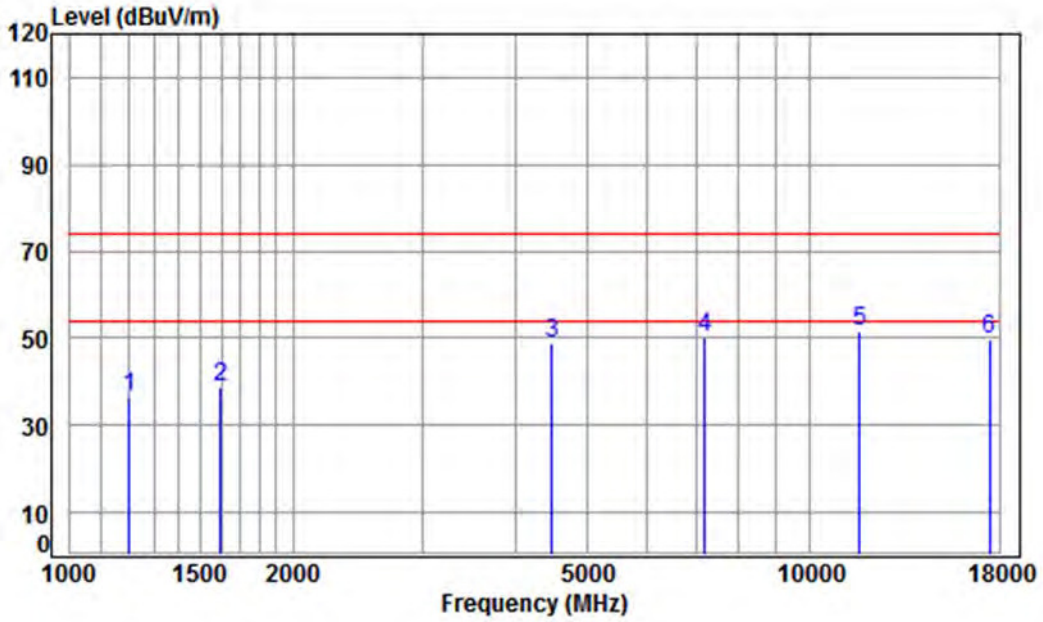
| Test mode: | 802.11a | Frequency(MHz): | 5785 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5785 TX RSE
: Ant 1 5G WIFI 11A CH157

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 47.66 | 37.36 | 74.00 | -36.64 | peak |
| 2 | 1663.137 | 5.27 | 26.52 | 38.70 | 45.01 | 38.10 | 74.00 | -35.90 | peak |
| 3 | 4392.376 | 7.44 | 33.60 | 38.14 | 45.91 | 48.81 | 74.00 | -25.19 | peak |
| 4 | 7650.888 | 9.98 | 36.39 | 38.27 | 41.87 | 49.97 | 74.00 | -24.03 | peak |
| 5 | 11570.000 | 12.17 | 38.17 | 36.57 | 36.64 | 50.41 | 74.00 | -23.59 | peak |
| 6 | pp17355.000 | 15.92 | 43.23 | 38.09 | 30.28 | 51.34 | 74.00 | -22.66 | peak |

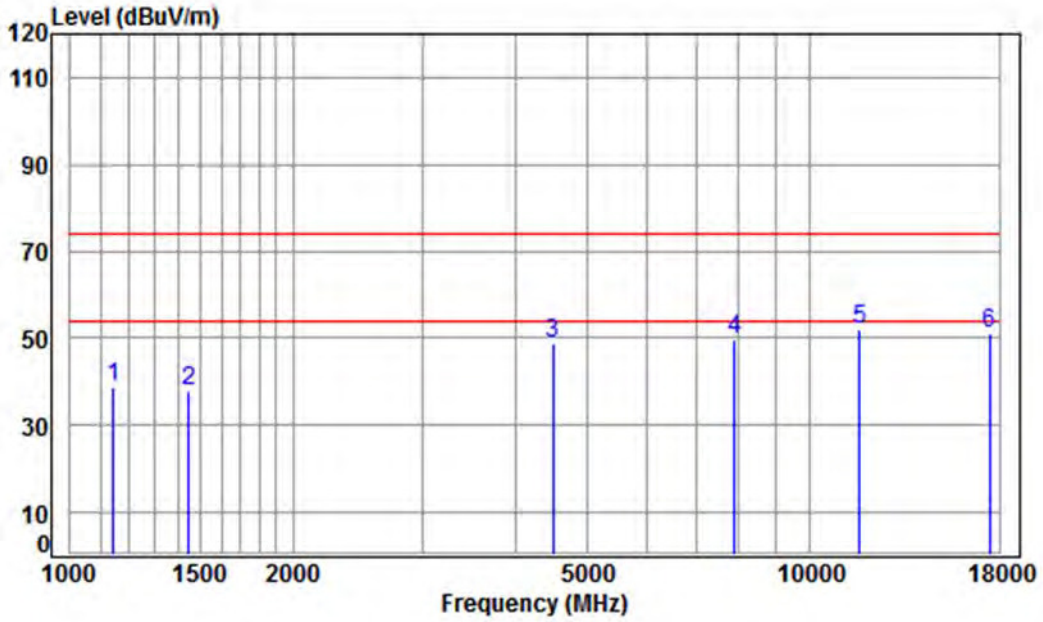
| Test mode: | 802.11a | Frequency(MHz): | 5825 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5825 TX RSE
: Ant 1 5G WIFI 11A CH165

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1203.199 | 4.43 | 24.49 | 38.70 | 46.13 | 36.35 | 74.00 | -37.65 | peak |
| 2 | 1597.181 | 5.35 | 26.24 | 38.70 | 45.88 | 38.77 | 74.00 | -35.23 | peak |
| 3 | 4482.150 | 7.54 | 33.60 | 38.15 | 45.66 | 48.65 | 74.00 | -25.35 | peak |
| 4 | 7200.309 | 10.08 | 36.42 | 38.22 | 41.74 | 50.02 | 74.00 | -23.98 | peak |
| 5 | pp11650.000 | 12.20 | 38.25 | 36.60 | 37.79 | 51.64 | 74.00 | -22.36 | peak |
| 6 | 17475.000 | 15.65 | 43.37 | 38.06 | 28.79 | 49.75 | 74.00 | -24.25 | peak |

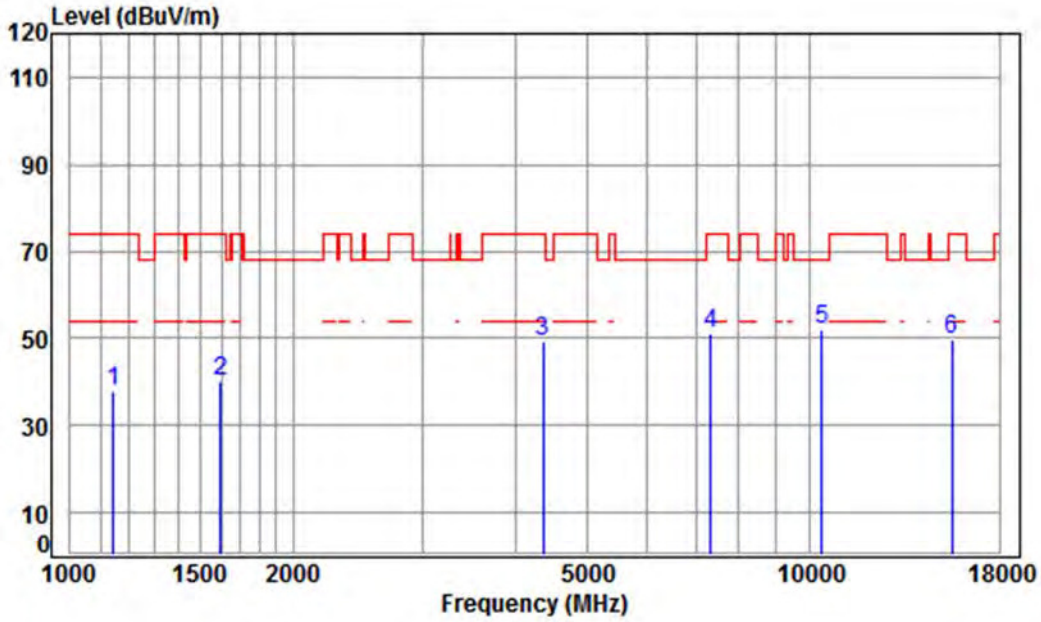
| Test mode: | 802.11a | Frequency(MHz): | 5825 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5825 TX RSE
: Ant 1 5G WIFI 11A CH165

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 49.22 | 38.92 | 74.00 | -35.08 | peak |
| 2 | 1447.688 | 5.31 | 25.59 | 38.70 | 45.82 | 38.02 | 74.00 | -35.98 | peak |
| 3 | 4495.125 | 7.55 | 33.60 | 38.15 | 45.76 | 48.76 | 74.00 | -25.24 | peak |
| 4 | 7898.049 | 9.96 | 36.54 | 38.29 | 41.34 | 49.55 | 74.00 | -24.45 | peak |
| 5 | pp11650.000 | 12.20 | 38.25 | 36.60 | 37.98 | 51.83 | 74.00 | -22.17 | peak |
| 6 | 17475.000 | 15.65 | 43.37 | 38.06 | 29.99 | 50.95 | 74.00 | -23.05 | peak |

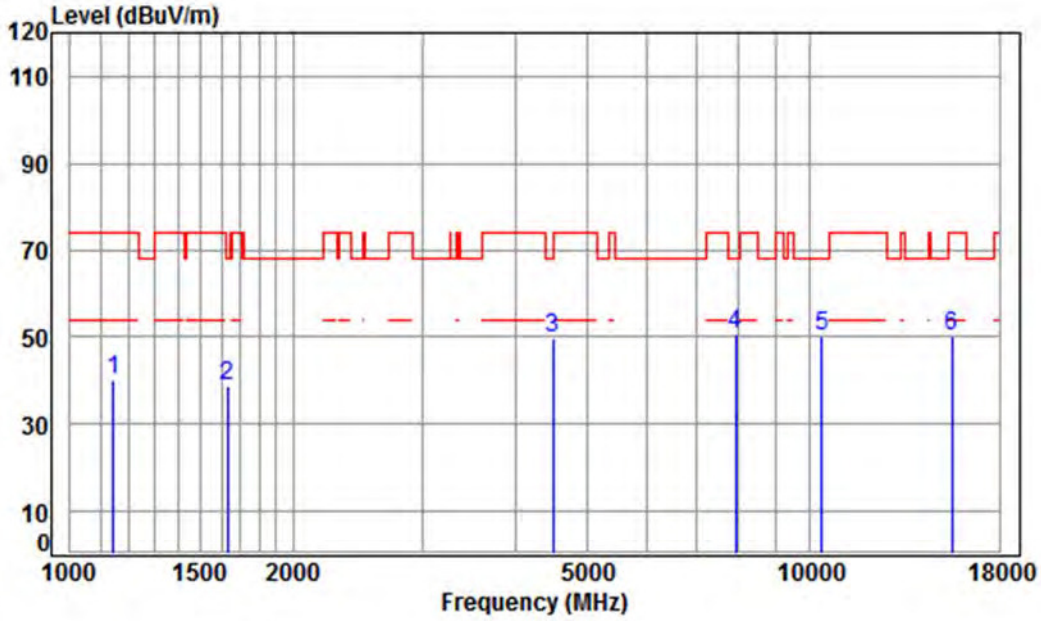
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5180 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5180 TX RSE
: Ant 1 5G WIFI 11N CH36

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 48.06 | 37.76 | 74.00 | -36.24 | peak |
| 2 | 1597.181 | 5.35 | 26.24 | 38.70 | 47.27 | 40.16 | 74.00 | -33.84 | peak |
| 3 | 4354.454 | 7.40 | 33.60 | 38.14 | 46.53 | 49.39 | 74.00 | -24.61 | peak |
| 4 | 7347.474 | 10.04 | 36.36 | 38.24 | 43.17 | 51.33 | 74.00 | -22.67 | peak |
| 5 | pp10360.000 | 11.19 | 37.24 | 36.34 | 39.90 | 51.99 | 68.20 | -16.21 | peak |
| 6 | 15540.000 | 14.30 | 41.38 | 38.12 | 32.32 | 49.88 | 74.00 | -24.12 | peak |

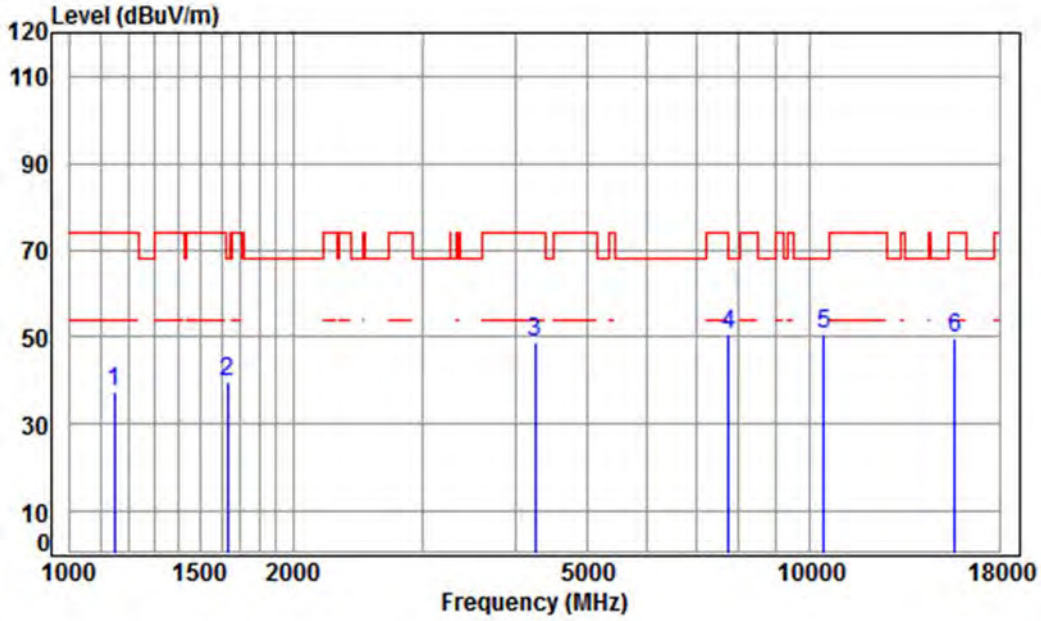
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5180 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5180 TX RSE
: Ant 1 5G WIFI 11N CH36

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 50.30 | 40.00 | 74.00 | -34.00 | peak |
| 2 | 1634.543 | 5.31 | 26.40 | 38.70 | 45.56 | 38.57 | 68.20 | -29.63 | peak |
| 3 | 4495.125 | 7.55 | 33.60 | 38.15 | 46.70 | 49.70 | 68.20 | -18.50 | peak |
| 4 pp | 7920.911 | 9.96 | 36.55 | 38.29 | 42.64 | 50.86 | 68.20 | -17.34 | peak |
| 5 | 10360.000 | 11.19 | 37.24 | 36.34 | 38.30 | 50.39 | 68.20 | -17.81 | peak |
| 6 | 15540.000 | 14.30 | 41.38 | 38.12 | 32.45 | 50.01 | 74.00 | -23.99 | peak |

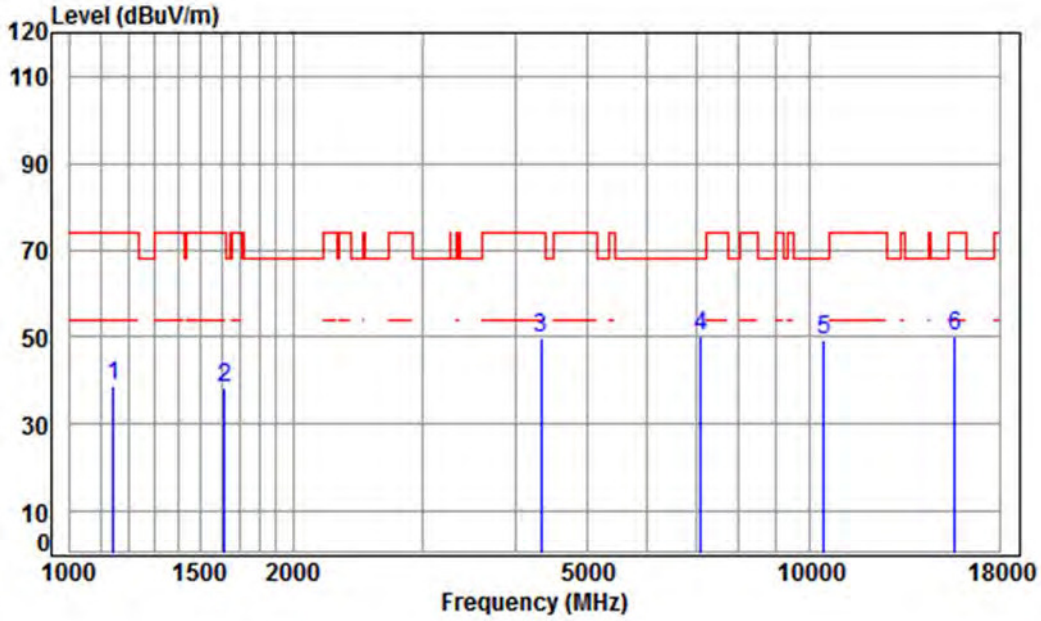
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5220 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5220 TX RSE
: Ant 1 5G WIFI 11N CH44

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1148.823 | 4.21 | 24.22 | 38.70 | 47.64 | 37.37 | 74.00 | -36.63 | peak |
| 2 | 1629.825 | 5.31 | 26.38 | 38.70 | 46.75 | 39.74 | 68.20 | -28.46 | peak |
| 3 | 4242.641 | 7.27 | 33.60 | 38.13 | 45.99 | 48.73 | 74.00 | -25.27 | peak |
| 4 pp | 7762.260 | 9.97 | 36.46 | 38.28 | 42.59 | 50.74 | 68.20 | -17.46 | peak |
| 5 | 10440.000 | 11.25 | 37.16 | 36.35 | 38.37 | 50.43 | 68.20 | -17.77 | peak |
| 6 | 15660.000 | 14.48 | 41.34 | 38.03 | 31.91 | 49.70 | 74.00 | -24.30 | peak |

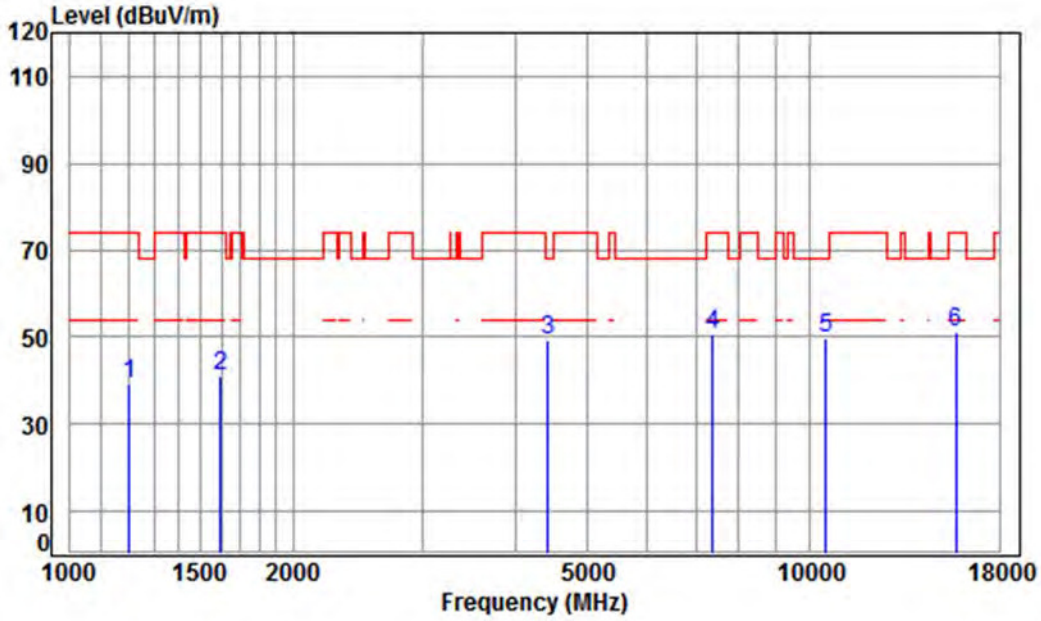
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5220 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5220 TX RSE
: Ant 1 5G WIFI 11N CH44

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 48.91 | 38.61 | 74.00 | -35.39 | peak |
| 2 | 1615.754 | 5.33 | 26.32 | 38.70 | 45.39 | 38.34 | 74.00 | -35.66 | peak |
| 3 | 4329.354 | 7.37 | 33.60 | 38.14 | 47.08 | 49.91 | 74.00 | -24.09 | peak |
| 4 | pp 7117.542 | 10.10 | 36.45 | 38.21 | 41.67 | 50.01 | 68.20 | -18.19 | peak |
| 5 | 10440.000 | 11.25 | 37.16 | 36.35 | 37.01 | 49.07 | 68.20 | -19.13 | peak |
| 6 | 15660.000 | 14.48 | 41.34 | 38.03 | 32.52 | 50.31 | 74.00 | -23.69 | peak |

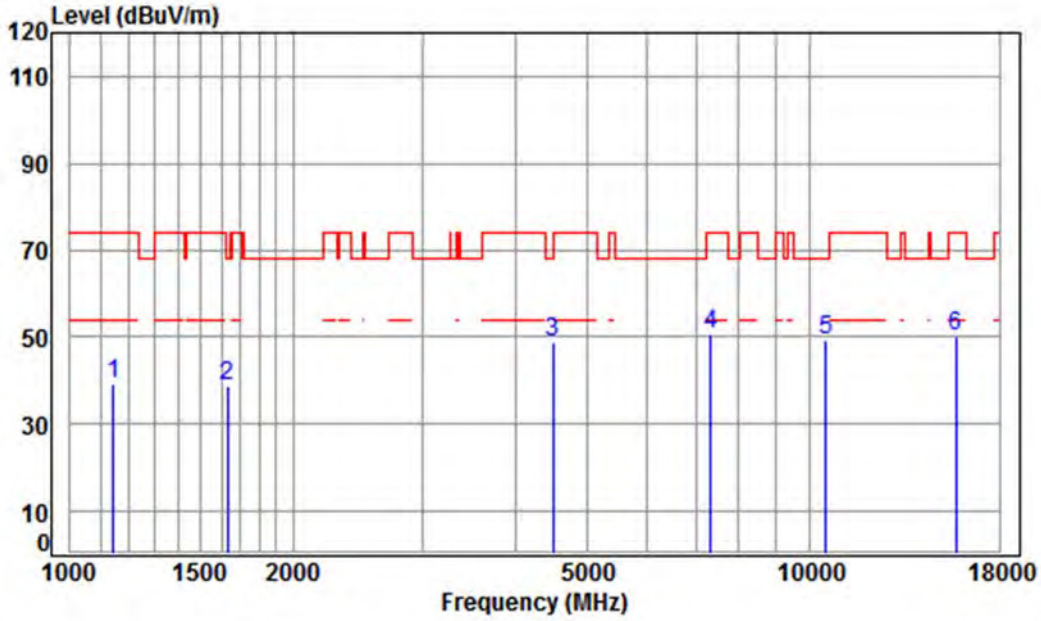
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5240 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5240 TX RSE
: Ant 1 5G WIFI 11N CH48

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1203.199 | 4.43 | 24.49 | 38.70 | 49.09 | 39.31 | 74.00 | -34.69 | peak |
| 2 | 1597.181 | 5.35 | 26.24 | 38.70 | 48.08 | 40.97 | 74.00 | -33.03 | peak |
| 3 | 4417.841 | 7.47 | 33.60 | 38.14 | 46.43 | 49.36 | 68.20 | -18.84 | peak |
| 4 | 7390.070 | 10.03 | 36.34 | 38.24 | 42.63 | 50.76 | 74.00 | -23.24 | peak |
| 5 | pp10480.000 | 11.28 | 37.12 | 36.35 | 37.60 | 49.65 | 68.20 | -18.55 | peak |
| 6 | 15720.000 | 14.57 | 41.31 | 37.99 | 33.12 | 51.01 | 74.00 | -22.99 | peak |

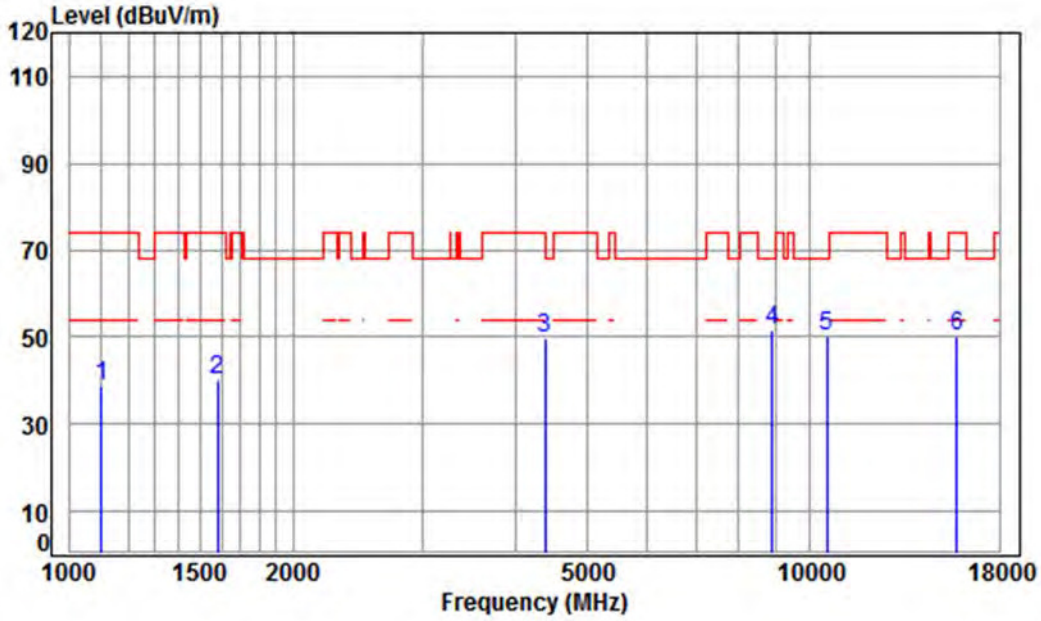
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5240 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5240 TX RSE
: Ant 1 5G WIFI 11N CH48

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 49.57 | 39.27 | 74.00 | -34.73 | peak |
| 2 | 1634.543 | 5.31 | 26.40 | 38.70 | 45.65 | 38.66 | 68.20 | -29.54 | peak |
| 3 | 4495.125 | 7.55 | 33.60 | 38.15 | 45.69 | 48.69 | 68.20 | -19.51 | peak |
| 4 | 7326.267 | 10.04 | 36.37 | 38.23 | 42.49 | 50.67 | 74.00 | -23.33 | peak |
| 5 | pp10480.000 | 11.28 | 37.12 | 36.35 | 37.40 | 49.45 | 68.20 | -18.75 | peak |
| 6 | 15720.000 | 14.57 | 41.31 | 37.99 | 32.10 | 49.99 | 74.00 | -24.01 | peak |

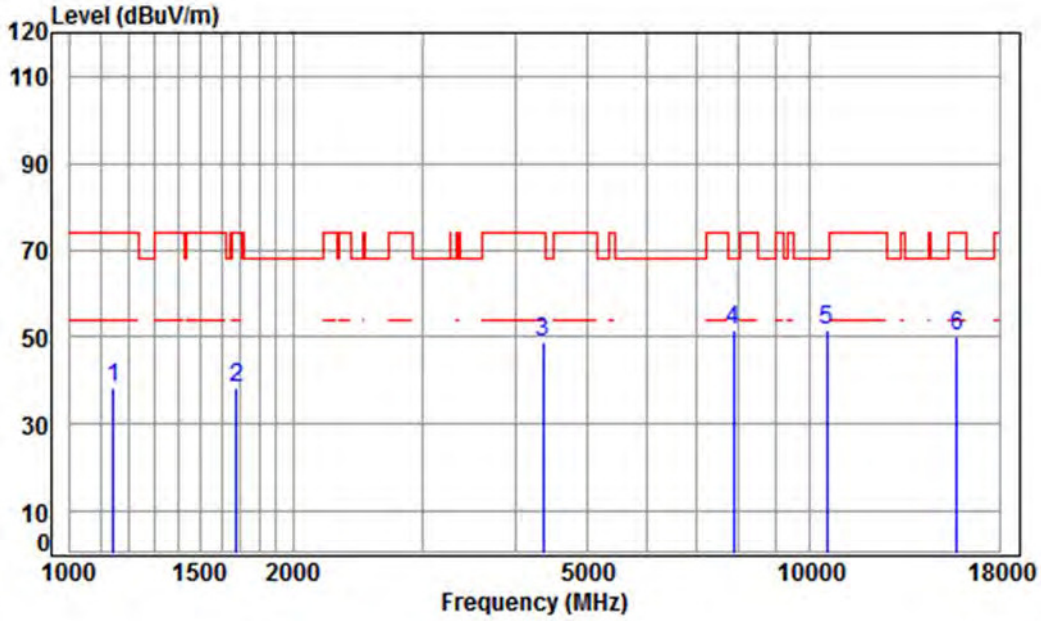
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5260 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5260 TX RSE
: Ant 1 5G WIFI 11N CH52

| | Freq | Cable Loss | 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 | 4.02 | 23.98 | 38.70 | 49.42 | 38.72 | 74.00 | -35.28 | peak |
| 2 | 1583.392 | 5.37 | 26.18 | 38.70 | 47.32 | 40.17 | 74.00 | -33.83 | peak |
| 3 | 4379.699 | 7.43 | 33.60 | 38.14 | 46.75 | 49.64 | 74.00 | -24.36 | peak |
| 4 pp | 8891.725 | 10.37 | 36.47 | 38.21 | 43.06 | 51.69 | 68.20 | -16.51 | peak |
| 5 | 10520.000 | 11.30 | 37.12 | 36.35 | 38.33 | 50.40 | 68.20 | -17.80 | peak |
| 6 | 15780.000 | 14.66 | 41.29 | 37.95 | 32.15 | 50.15 | 74.00 | -23.85 | peak |

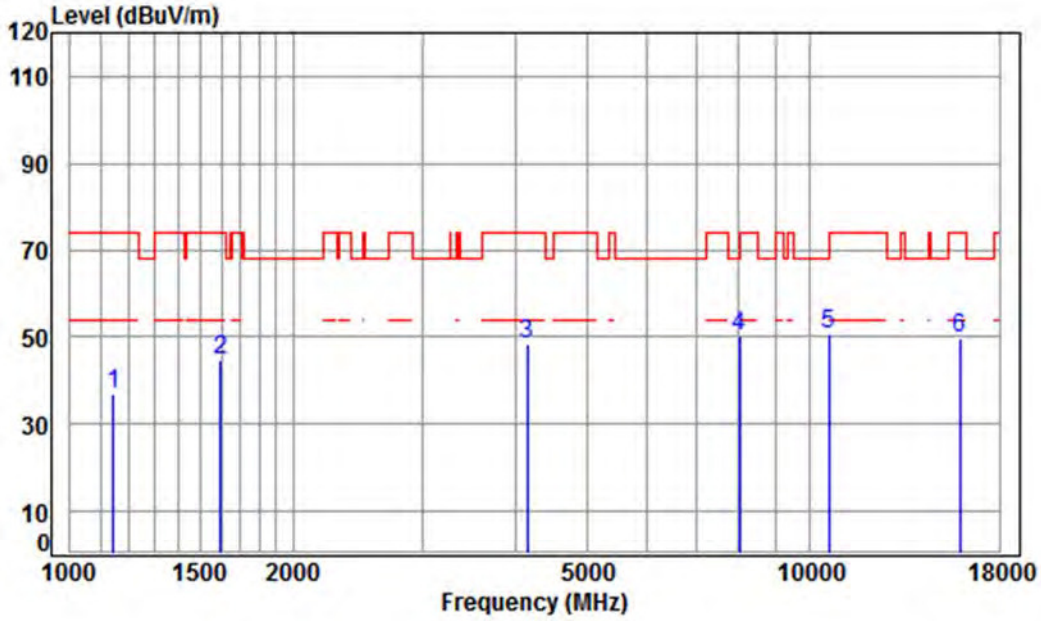
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5260 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5260 TX RSE
: Ant 1 5G WIFI 11N CH52

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 48.81 | 38.51 | 74.00 | -35.49 | peak |
| 2 | 1677.621 | 5.25 | 26.58 | 38.70 | 45.41 | 38.54 | 74.00 | -35.46 | peak |
| 3 | 4354.454 | 7.40 | 33.60 | 38.14 | 45.89 | 48.75 | 74.00 | -25.25 | peak |
| 4 pp | 7875.254 | 9.96 | 36.53 | 38.29 | 43.21 | 51.41 | 68.20 | -16.79 | peak |
| 5 | 10520.000 | 11.30 | 37.12 | 36.35 | 39.31 | 51.38 | 68.20 | -16.82 | peak |
| 6 | 15780.000 | 14.66 | 41.29 | 37.95 | 31.98 | 49.98 | 74.00 | -24.02 | peak |

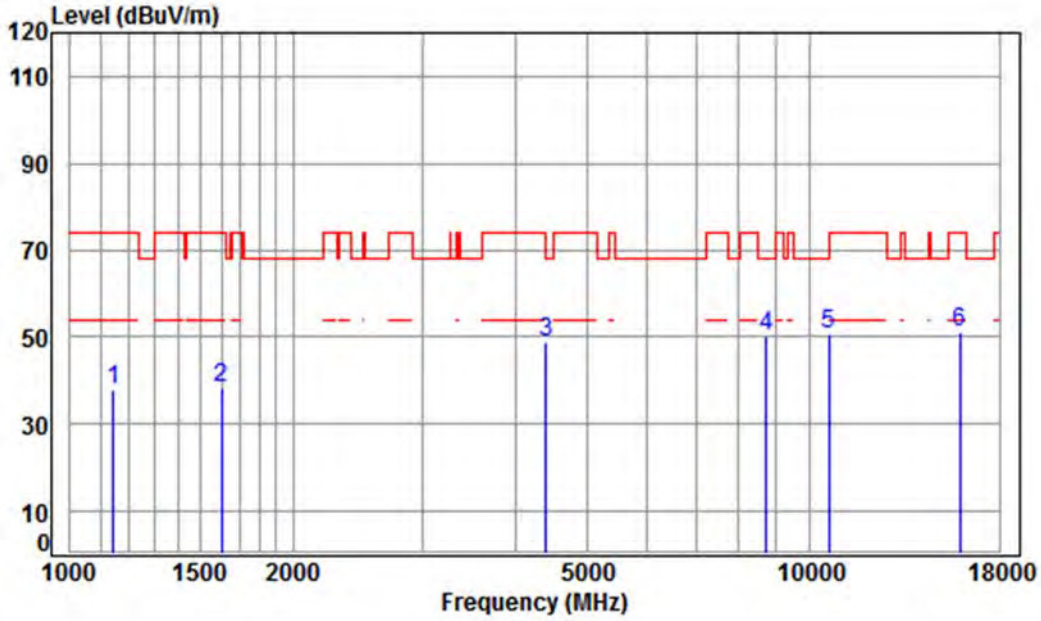
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5300 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5300 TX RSE
: Ant 1 5G WIFI 11N CH60

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 47.49 | 37.19 | 74.00 | -36.81 | peak |
| 2 | 1597.181 | 5.35 | 26.24 | 38.70 | 51.72 | 44.61 | 74.00 | -29.39 | peak |
| 3 | 4145.664 | 7.16 | 33.60 | 38.12 | 45.77 | 48.41 | 74.00 | -25.59 | peak |
| 4 | 8013.020 | 9.96 | 36.58 | 38.30 | 41.94 | 50.18 | 68.20 | -18.02 | peak |
| 5 | pp10600.000 | 11.36 | 37.22 | 36.36 | 38.35 | 50.57 | 68.20 | -17.63 | peak |
| 6 | 15900.000 | 14.84 | 41.24 | 37.87 | 31.50 | 49.71 | 74.00 | -24.29 | peak |

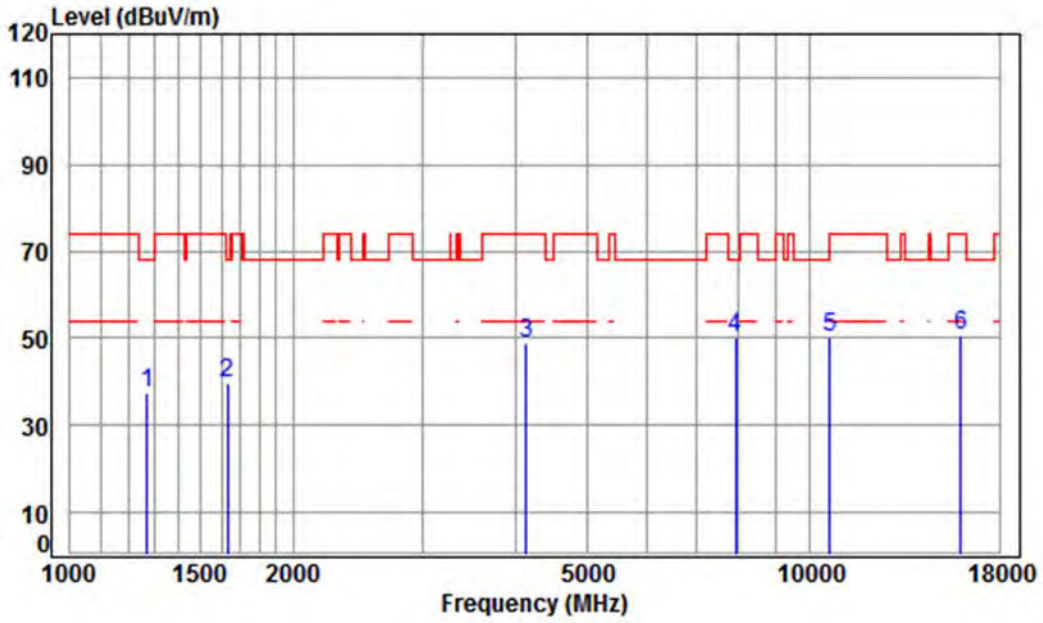
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5300 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5300 TX RSE
: Ant 1 5G WIFI 11N CH60

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 48.37 | 38.07 | 74.00 | -35.93 | peak |
| 2 | 1601.804 | 5.35 | 26.26 | 38.70 | 45.53 | 38.44 | 74.00 | -35.56 | peak |
| 3 | 4392.376 | 7.44 | 33.60 | 38.14 | 45.99 | 48.89 | 74.00 | -25.11 | peak |
| 4 | 8713.630 | 10.33 | 36.26 | 38.23 | 41.99 | 50.35 | 68.20 | -17.85 | peak |
| 5 | pp10600.000 | 11.36 | 37.22 | 36.36 | 38.48 | 50.70 | 68.20 | -17.50 | peak |
| 6 | 15900.000 | 14.84 | 41.24 | 37.87 | 32.72 | 50.93 | 74.00 | -23.07 | peak |

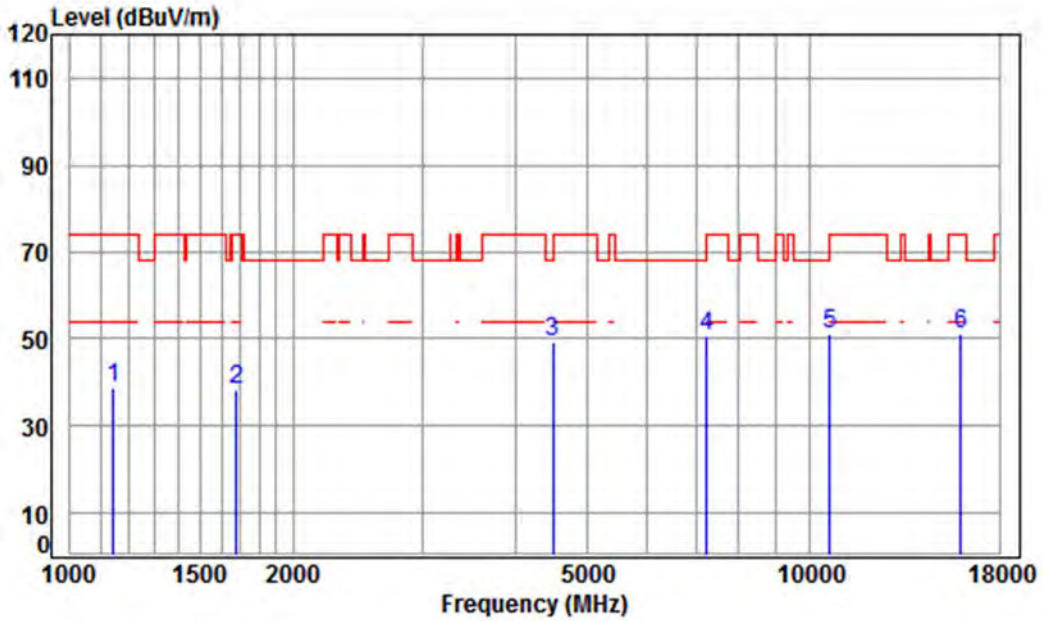
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5320 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5320 TX RSE
: Ant 1 5G WIFI 11N CH64

| | Freq | Cable Loss | 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 | 4.69 | 24.82 | 38.70 | 46.79 | 37.60 | 68.20 | -30.60 | peak |
| 2 | 1634.543 | 5.31 | 26.40 | 38.70 | 46.62 | 39.63 | 68.20 | -28.57 | peak |
| 3 | 4133.699 | 7.14 | 33.60 | 38.11 | 46.34 | 48.97 | 74.00 | -25.03 | peak |
| 4 pp | 7920.911 | 9.96 | 36.55 | 38.29 | 42.11 | 50.33 | 68.20 | -17.87 | peak |
| 5 | 10640.000 | 11.39 | 37.27 | 36.37 | 38.11 | 50.40 | 74.00 | -23.60 | peak |
| 6 | 15960.000 | 14.93 | 41.22 | 37.83 | 32.13 | 50.45 | 74.00 | -23.55 | peak |

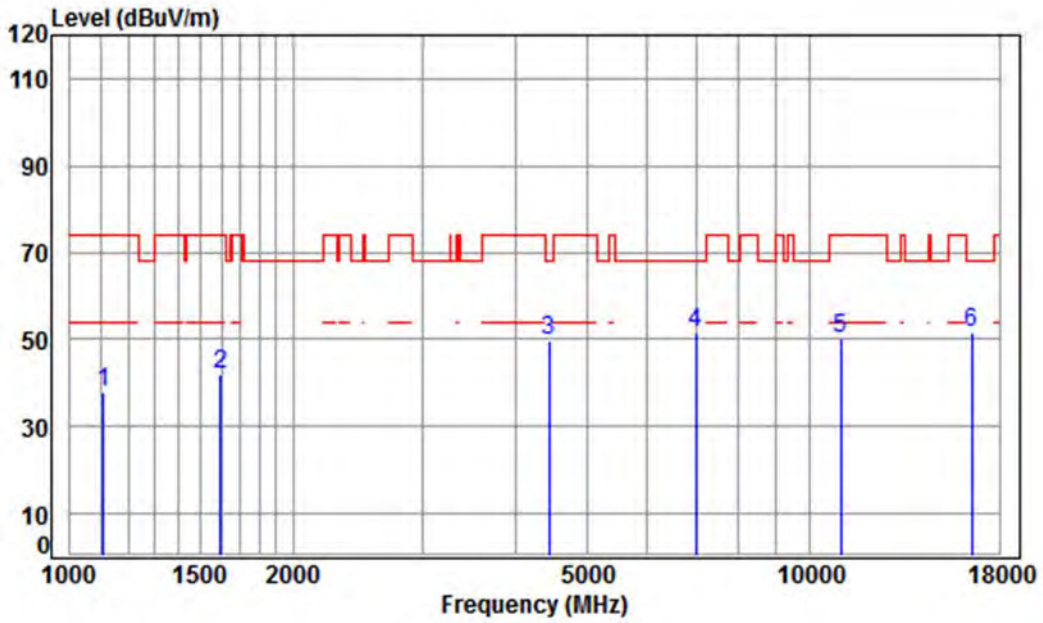
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5320 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5320 TX RSE
: Ant 1 5G WIFI 11N CH64

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 49.30 | 39.00 | 74.00 | -35.00 | peak |
| 2 | 1677.621 | 5.25 | 26.58 | 38.70 | 45.28 | 38.41 | 74.00 | -35.59 | peak |
| 3 | 4495.125 | 7.55 | 33.60 | 38.15 | 46.46 | 49.46 | 68.20 | -18.74 | peak |
| 4 pp | 7242.052 | 10.07 | 36.40 | 38.23 | 42.55 | 50.79 | 68.20 | -17.41 | peak |
| 5 | 10640.000 | 11.39 | 37.27 | 36.37 | 38.90 | 51.19 | 74.00 | -22.81 | peak |
| 6 | 15960.000 | 14.93 | 41.22 | 37.83 | 32.97 | 51.29 | 74.00 | -22.71 | peak |

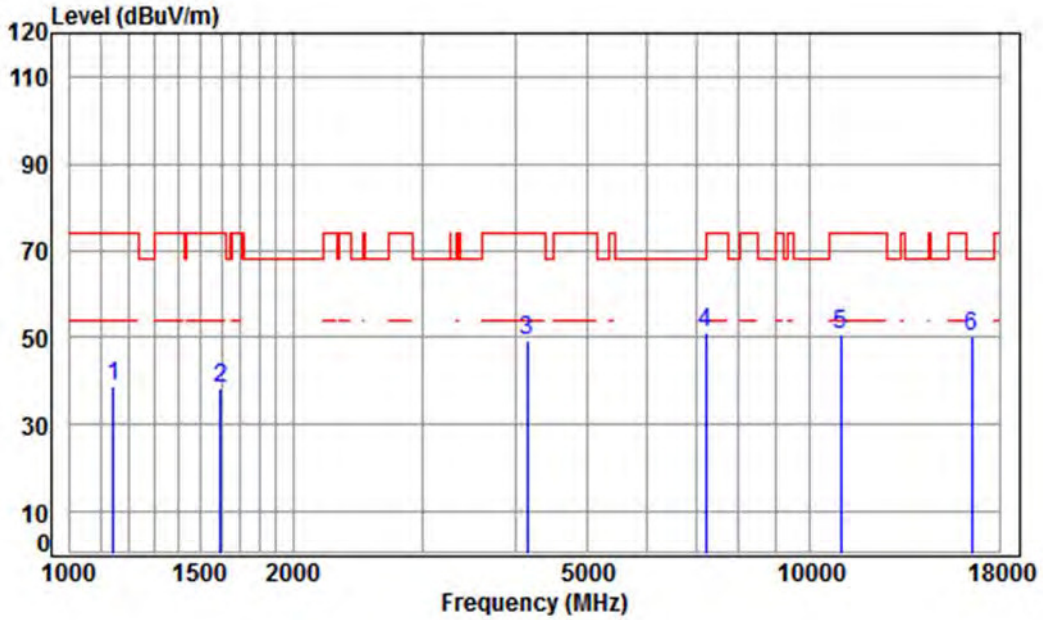
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5500 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5500 TX RSE
: Ant 1 5G WIFI 11N CH100

| | Freq | Cable Loss | 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 | 4.05 | 24.02 | 38.70 | 48.63 | 38.00 | 74.00 | -36.00 | peak |
| 2 | 1597.181 | 5.35 | 26.24 | 38.70 | 49.16 | 42.05 | 74.00 | -31.95 | peak |
| 3 | 4430.628 | 7.48 | 33.60 | 38.15 | 46.71 | 49.64 | 68.20 | -18.56 | peak |
| 4 | pp 7015.420 | 10.13 | 36.49 | 38.20 | 43.26 | 51.68 | 68.20 | -16.52 | peak |
| 5 | 11000.000 | 11.63 | 37.70 | 36.40 | 37.32 | 50.25 | 74.00 | -23.75 | peak |
| 6 | 16500.000 | 14.50 | 42.70 | 38.00 | 32.30 | 51.50 | 68.20 | -16.70 | peak |

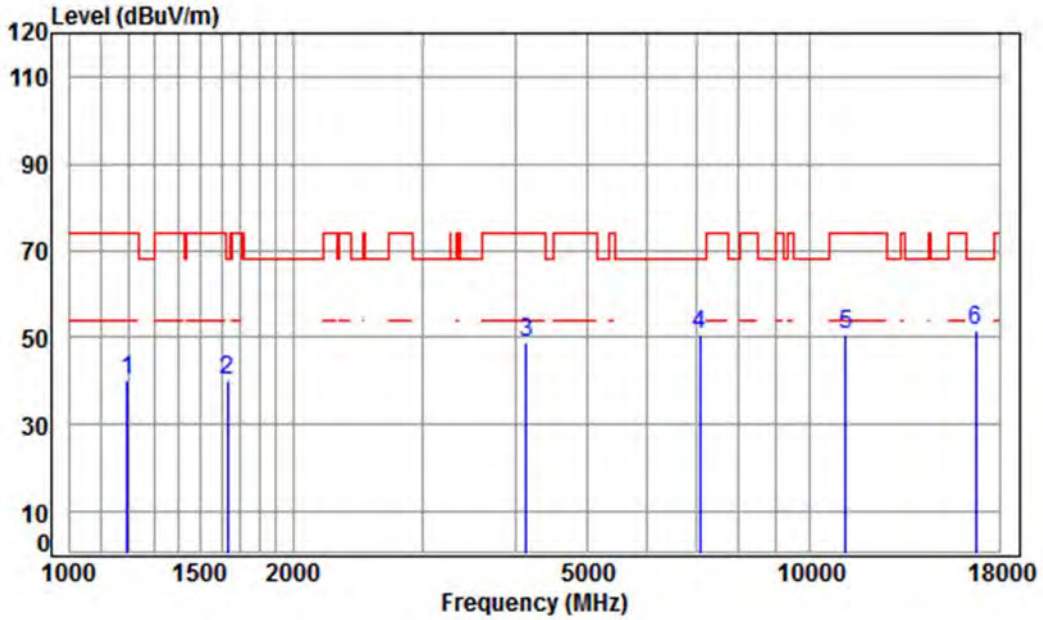
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5500 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5500 TX RSE
: Ant 1 5G WIFI 11N CH100

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 49.15 | 38.85 | 74.00 | -35.15 | peak |
| 2 | 1597.181 | 5.35 | 26.24 | 38.70 | 45.47 | 38.36 | 74.00 | -35.64 | peak |
| 3 | 4145.664 | 7.16 | 33.60 | 38.12 | 46.61 | 49.25 | 74.00 | -24.75 | peak |
| 4 | pp 7221.150 | 10.07 | 36.41 | 38.22 | 43.02 | 51.28 | 68.20 | -16.92 | peak |
| 5 | 11000.000 | 11.63 | 37.70 | 36.40 | 37.69 | 50.62 | 74.00 | -23.38 | peak |
| 6 | 16500.000 | 14.50 | 42.70 | 38.00 | 31.19 | 50.39 | 68.20 | -17.81 | peak |

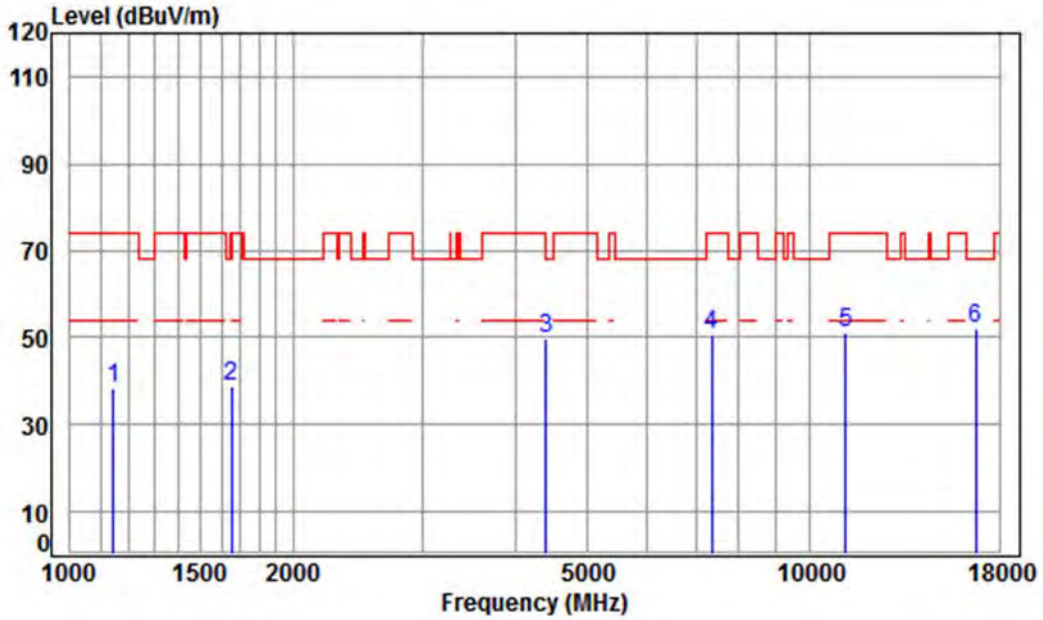
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5580 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5580 TX RSE
: Ant 1 5G WIFI 11N CH116

| | Freq | Cable Loss | 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 | 4.40 | 24.46 | 38.70 | 49.89 | 40.05 | 74.00 | -33.95 | peak |
| 2 | 1629.825 | 5.31 | 26.38 | 38.70 | 47.09 | 40.08 | 68.20 | -28.12 | peak |
| 3 | 4133.699 | 7.14 | 33.60 | 38.11 | 46.04 | 48.67 | 74.00 | -25.33 | peak |
| 4 | 7096.999 | 10.10 | 36.46 | 38.21 | 42.16 | 50.51 | 68.20 | -17.69 | peak |
| 5 | 11160.000 | 11.80 | 37.83 | 36.45 | 37.53 | 50.71 | 74.00 | -23.29 | peak |
| 6 | pp16740.000 | 15.57 | 42.75 | 38.10 | 31.20 | 51.42 | 68.20 | -16.78 | peak |

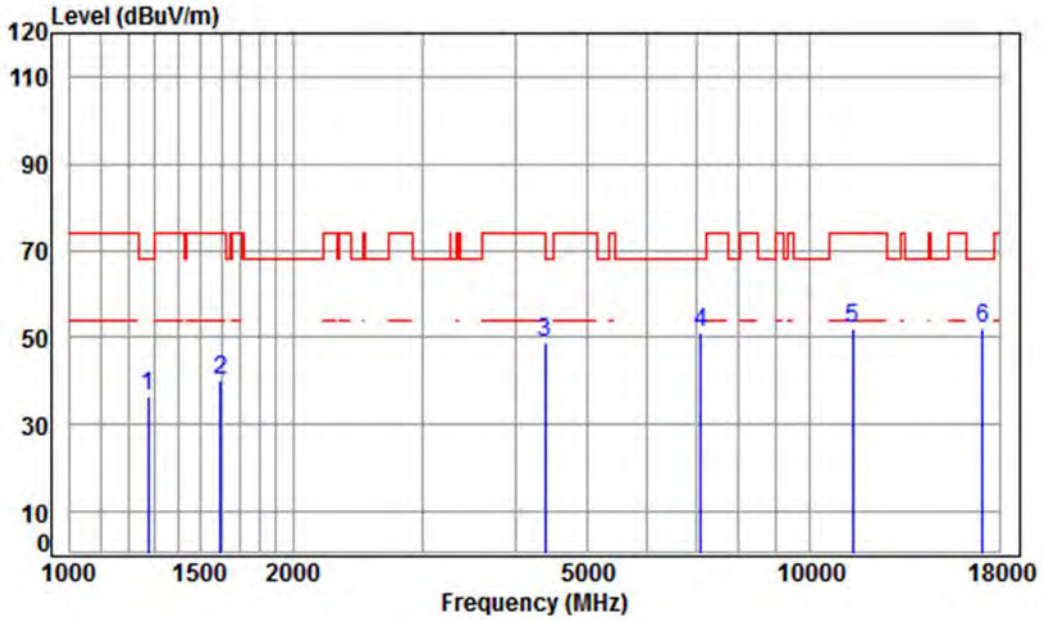
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5580 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5580 TX RSE
: Ant 1 5G WIFI 11N CH116

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 48.77 | 38.47 | 74.00 | -35.53 | peak |
| 2 | 1653.550 | 5.28 | 26.48 | 38.70 | 45.84 | 38.90 | 68.20 | -29.30 | peak |
| 3 | 4392.376 | 7.44 | 33.60 | 38.14 | 46.74 | 49.64 | 74.00 | -24.36 | peak |
| 4 | 7368.741 | 10.03 | 36.35 | 38.24 | 42.67 | 50.81 | 74.00 | -23.19 | peak |
| 5 | 11160.000 | 11.80 | 37.83 | 36.45 | 37.92 | 51.10 | 74.00 | -22.90 | peak |
| 6 | pp16740.000 | 15.57 | 42.75 | 38.10 | 31.92 | 52.14 | 68.20 | -16.06 | peak |

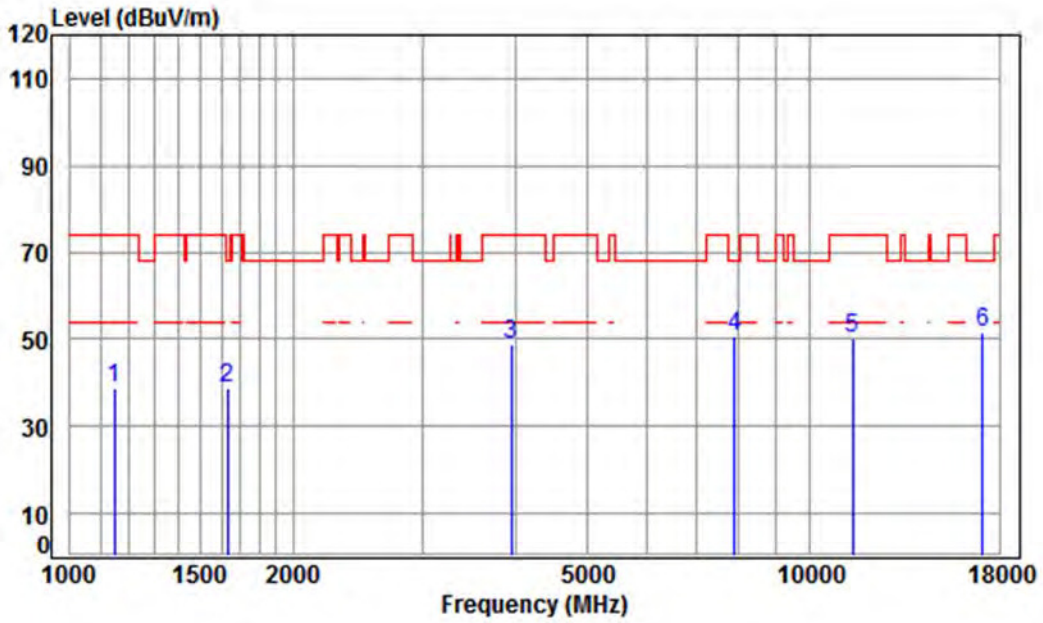
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5700 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5700 TX RSE
: Ant 1 5G WIFI 11N CH140

| | Freq | Cable Loss | 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 | 4.71 | 24.84 | 38.70 | 45.72 | 36.57 | 68.20 | -31.63 | peak |
| 2 | 1597.181 | 5.35 | 26.24 | 38.70 | 47.36 | 40.25 | 74.00 | -33.75 | peak |
| 3 | 4379.699 | 7.43 | 33.60 | 38.14 | 45.97 | 48.86 | 74.00 | -25.14 | peak |
| 4 | 7117.542 | 10.10 | 36.45 | 38.21 | 42.57 | 50.91 | 68.20 | -17.29 | peak |
| 5 | 11400.000 | 12.04 | 38.02 | 36.52 | 38.27 | 51.81 | 74.00 | -22.19 | peak |
| 6 | pp17100.000 | 16.49 | 42.92 | 38.17 | 30.61 | 51.85 | 68.20 | -16.35 | peak |

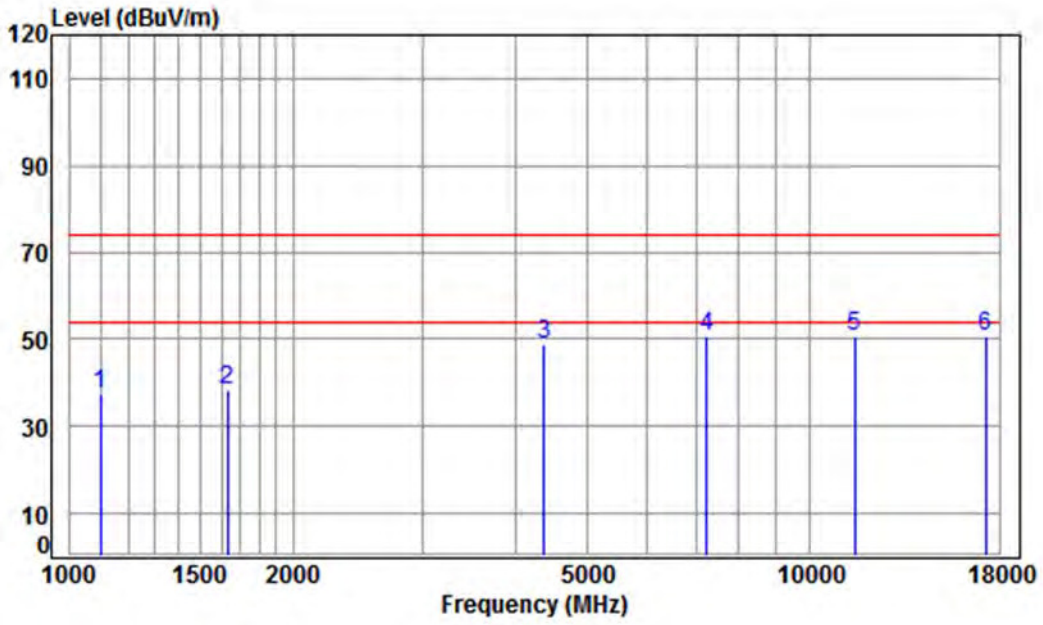
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5700 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5700 TX RSE
: Ant 1 5G WIFI 11N CH140

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1148.823 | 4.21 | 24.22 | 38.70 | 48.93 | 38.66 | 74.00 | -35.34 | peak |
| 2 | 1634.543 | 5.31 | 26.40 | 38.70 | 45.69 | 38.70 | 68.20 | -29.50 | peak |
| 3 | 3946.885 | 6.93 | 33.46 | 38.09 | 46.73 | 49.03 | 74.00 | -24.97 | peak |
| 4 | 7898.049 | 9.96 | 36.54 | 38.29 | 42.22 | 50.43 | 68.20 | -17.77 | peak |
| 5 | 11400.000 | 12.04 | 38.02 | 36.52 | 36.84 | 50.38 | 74.00 | -23.62 | peak |
| 6 | pp17100.000 | 16.49 | 42.92 | 38.17 | 30.43 | 51.67 | 68.20 | -16.53 | peak |

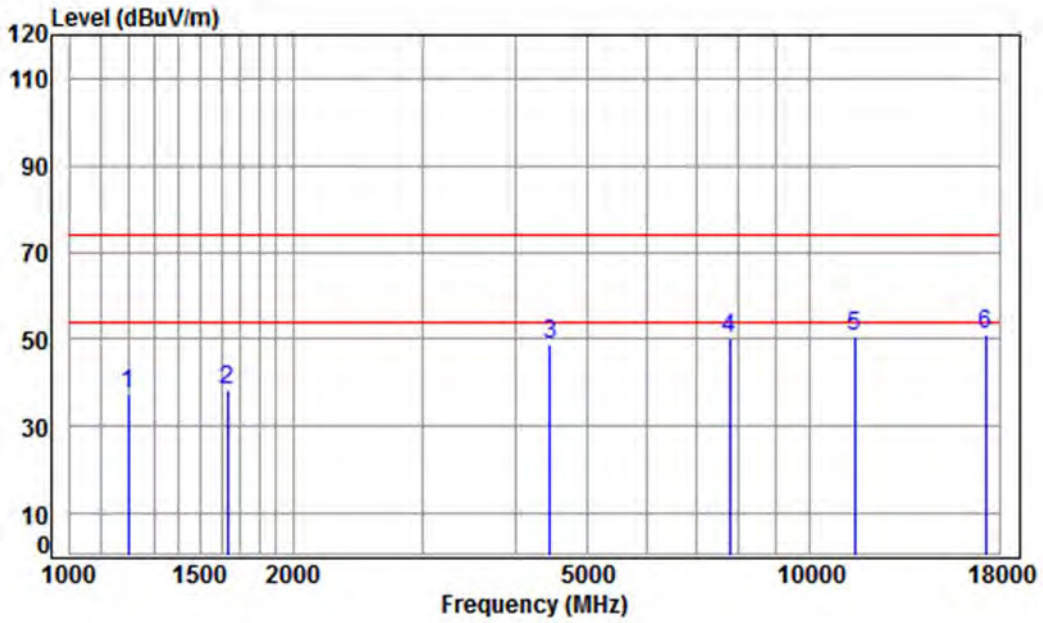
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5745 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5745 TX RSE
: Ant 1 5G WIFI 11N CH149

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1100.079 | 4.00 | 23.96 | 38.70 | 48.20 | 37.46 | 74.00 | -36.54 | peak |
| 2 | 1629.825 | 5.31 | 26.38 | 38.70 | 45.33 | 38.32 | 74.00 | -35.68 | peak |
| 3 | 4367.058 | 7.41 | 33.60 | 38.14 | 45.79 | 48.66 | 74.00 | -25.34 | peak |
| 4 | 7242.052 | 10.07 | 36.40 | 38.23 | 42.33 | 50.57 | 74.00 | -23.43 | peak |
| 5 | pp11490.000 | 12.13 | 38.09 | 36.55 | 36.96 | 50.63 | 74.00 | -23.37 | peak |
| 6 | 17235.000 | 16.18 | 43.08 | 38.13 | 29.40 | 50.53 | 74.00 | -23.47 | peak |

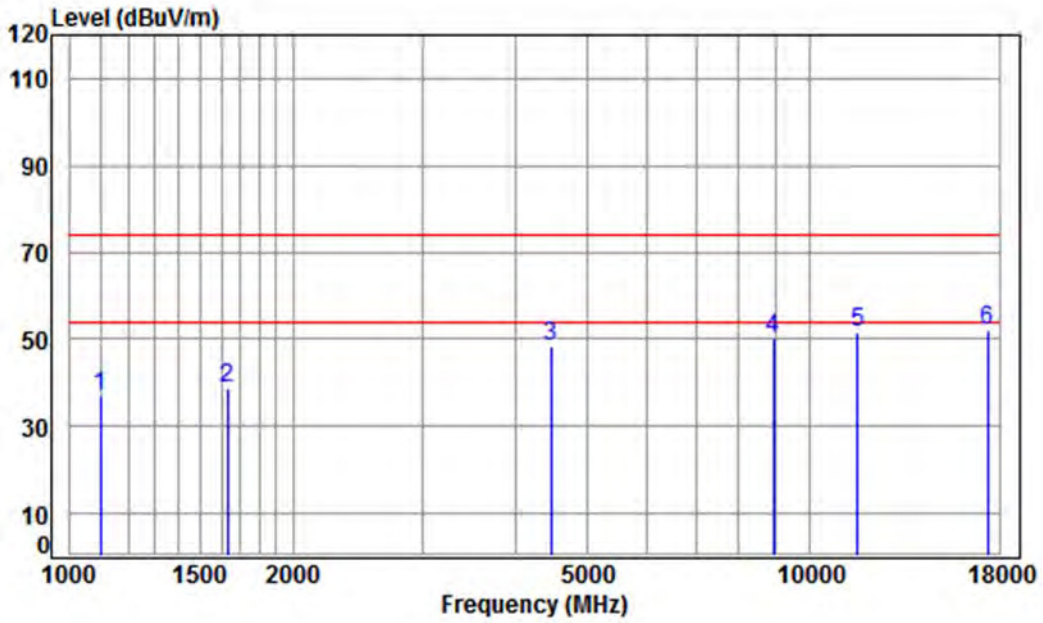
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5745 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5745 TX RSE
: Ant 1 5G WIFI 11N CH149

| | Freq | Cable Loss | 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 | 4.42 | 24.48 | 38.70 | 47.38 | 37.58 | 74.00 | -36.42 | peak |
| 2 | 1634.543 | 5.31 | 26.40 | 38.70 | 45.15 | 38.16 | 74.00 | -35.84 | peak |
| 3 | 4456.315 | 7.51 | 33.60 | 38.15 | 45.78 | 48.74 | 74.00 | -25.26 | peak |
| 4 | 7784.729 | 9.97 | 36.47 | 38.28 | 42.06 | 50.22 | 74.00 | -23.78 | peak |
| 5 | 11490.000 | 12.13 | 38.09 | 36.55 | 37.12 | 50.79 | 74.00 | -23.21 | peak |
| 6 | pp17235.000 | 16.18 | 43.08 | 38.13 | 29.79 | 50.92 | 74.00 | -23.08 | peak |

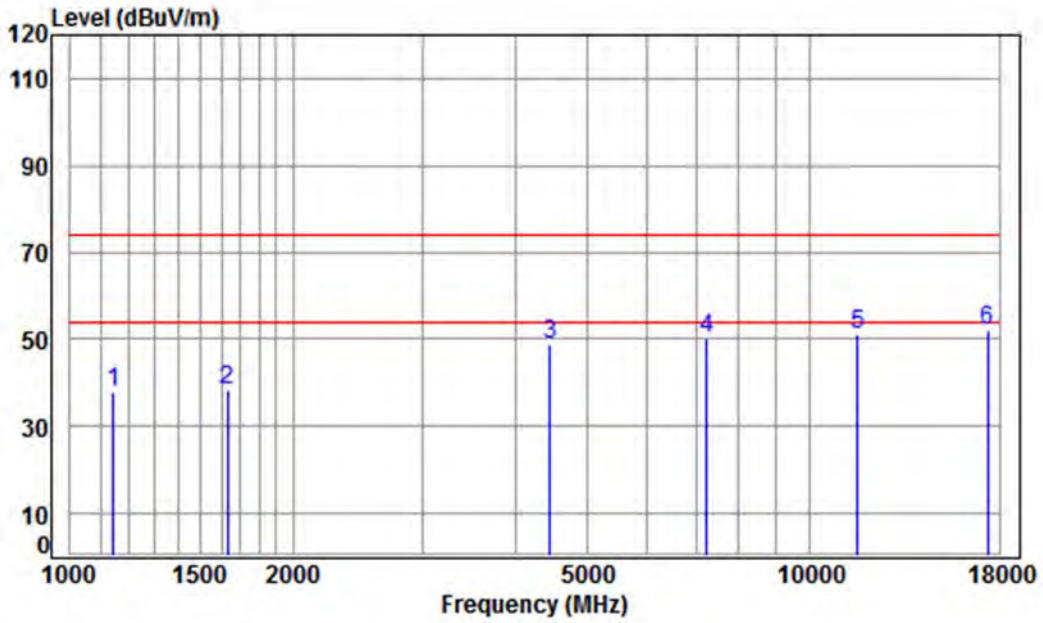
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5785 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5785 TX RSE
: Ant 1 5G WIFI 11N CH157

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1100.079 | 4.00 | 23.96 | 38.70 | 47.82 | 37.08 | 74.00 | -36.92 | peak |
| 2 | 1634.543 | 5.31 | 26.40 | 38.70 | 45.92 | 38.93 | 74.00 | -35.07 | peak |
| 3 | 4469.214 | 7.53 | 33.60 | 38.15 | 45.39 | 48.37 | 74.00 | -25.63 | peak |
| 4 | 8917.462 | 10.38 | 36.50 | 38.21 | 41.64 | 50.31 | 74.00 | -23.69 | peak |
| 5 | 11570.000 | 12.17 | 38.17 | 36.57 | 37.95 | 51.72 | 74.00 | -22.28 | peak |
| 6 | pp17355.000 | 15.92 | 43.23 | 38.09 | 30.77 | 51.83 | 74.00 | -22.17 | peak |

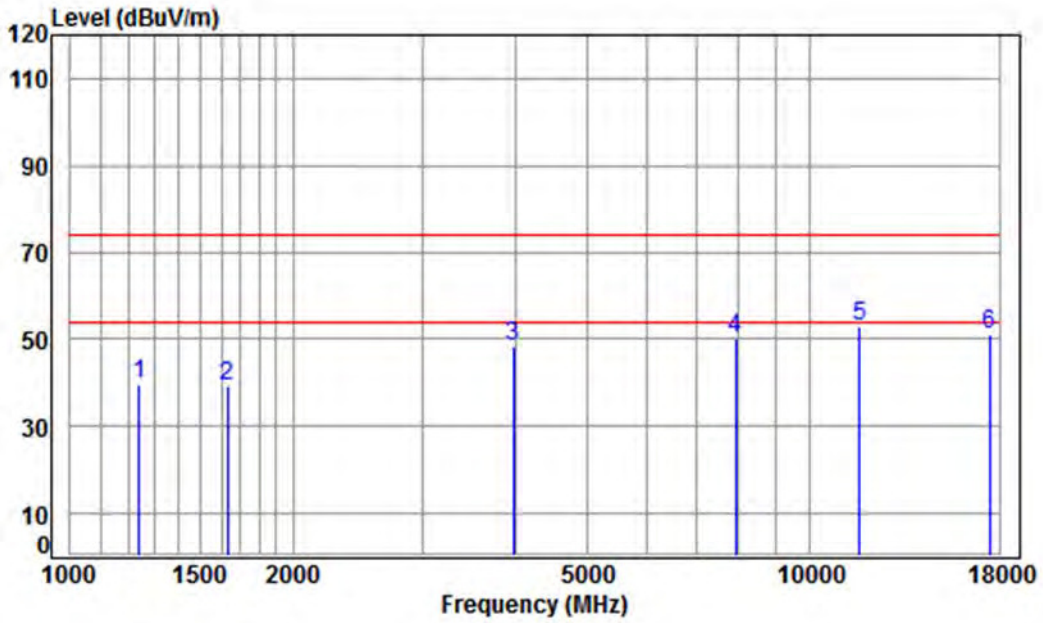
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5785 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5785 TX RSE
: Ant 1 5G WIFI 11N CH157

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 48.16 | 37.86 | 74.00 | -36.14 | peak |
| 2 | 1634.543 | 5.31 | 26.40 | 38.70 | 45.29 | 38.30 | 74.00 | -35.70 | peak |
| 3 | 4456.315 | 7.51 | 33.60 | 38.15 | 45.78 | 48.74 | 74.00 | -25.26 | peak |
| 4 | 7242.052 | 10.07 | 36.40 | 38.23 | 41.89 | 50.13 | 74.00 | -23.87 | peak |
| 5 | 11570.000 | 12.17 | 38.17 | 36.57 | 37.31 | 51.08 | 74.00 | -22.92 | peak |
| 6 | pp17355.000 | 15.92 | 43.23 | 38.09 | 30.82 | 51.88 | 74.00 | -22.12 | peak |

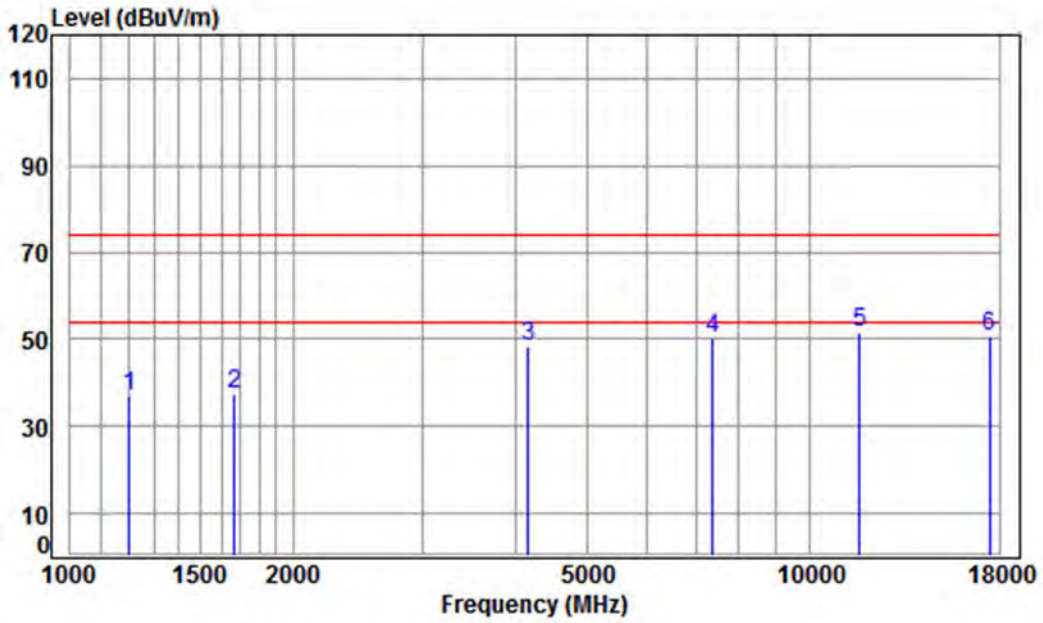
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5825 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5825 TX RSE
: Ant 1 5G WIFI 11N CH165

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1238.483 | 4.57 | 24.67 | 38.70 | 49.27 | 39.81 | 74.00 | -34.19 | peak |
| 2 | 1629.825 | 5.31 | 26.38 | 38.70 | 46.40 | 39.39 | 74.00 | -34.61 | peak |
| 3 | 3969.767 | 6.95 | 33.52 | 38.09 | 46.09 | 48.47 | 74.00 | -25.53 | peak |
| 4 | 7920.911 | 9.96 | 36.55 | 38.29 | 42.07 | 50.29 | 74.00 | -23.71 | peak |
| 5 | pp11650.000 | 12.20 | 38.25 | 36.60 | 38.91 | 52.76 | 74.00 | -21.24 | peak |
| 6 | 17475.000 | 15.65 | 43.37 | 38.06 | 30.06 | 51.02 | 74.00 | -22.98 | peak |

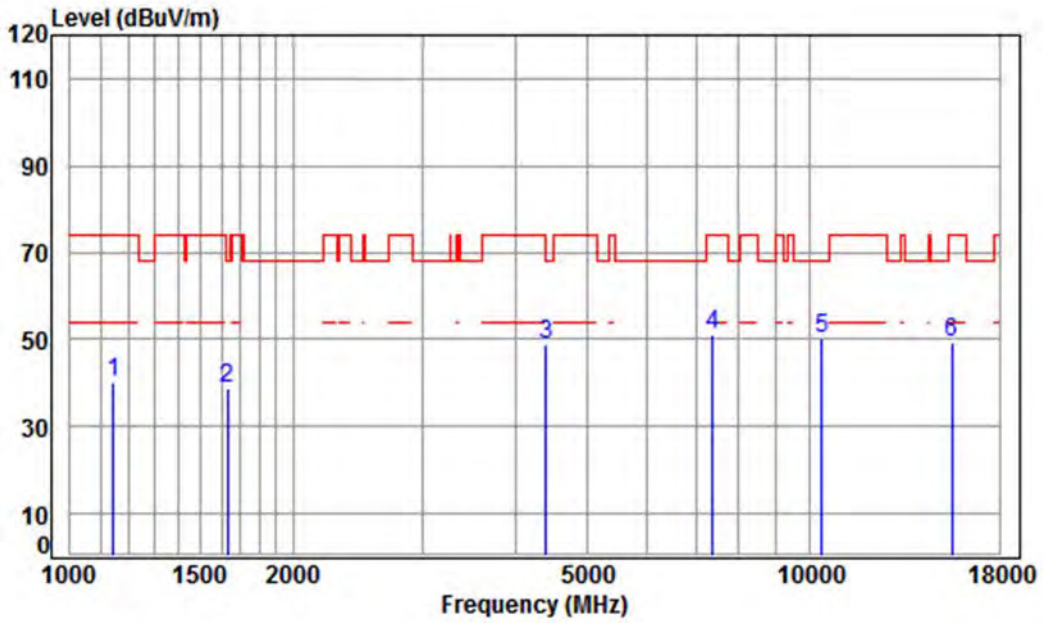
| Test mode: | 802.11n(HT20) | Frequency(MHz): | 5825 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5825 TX RSE
: Ant 1 5G WIFI 11N CH165

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1203.199 | 4.43 | 24.49 | 38.70 | 46.72 | 36.94 | 74.00 | -37.06 | peak |
| 2 | 1667.951 | 5.27 | 26.54 | 38.70 | 44.52 | 37.63 | 74.00 | -36.37 | peak |
| 3 | 4157.664 | 7.17 | 33.60 | 38.12 | 45.91 | 48.56 | 74.00 | -25.44 | peak |
| 4 | 7390.070 | 10.03 | 36.34 | 38.24 | 41.96 | 50.09 | 74.00 | -23.91 | peak |
| 5 | pp11650.000 | 12.20 | 38.25 | 36.60 | 37.88 | 51.73 | 74.00 | -22.27 | peak |
| 6 | 17475.000 | 15.65 | 43.37 | 38.06 | 29.89 | 50.85 | 74.00 | -23.15 | peak |

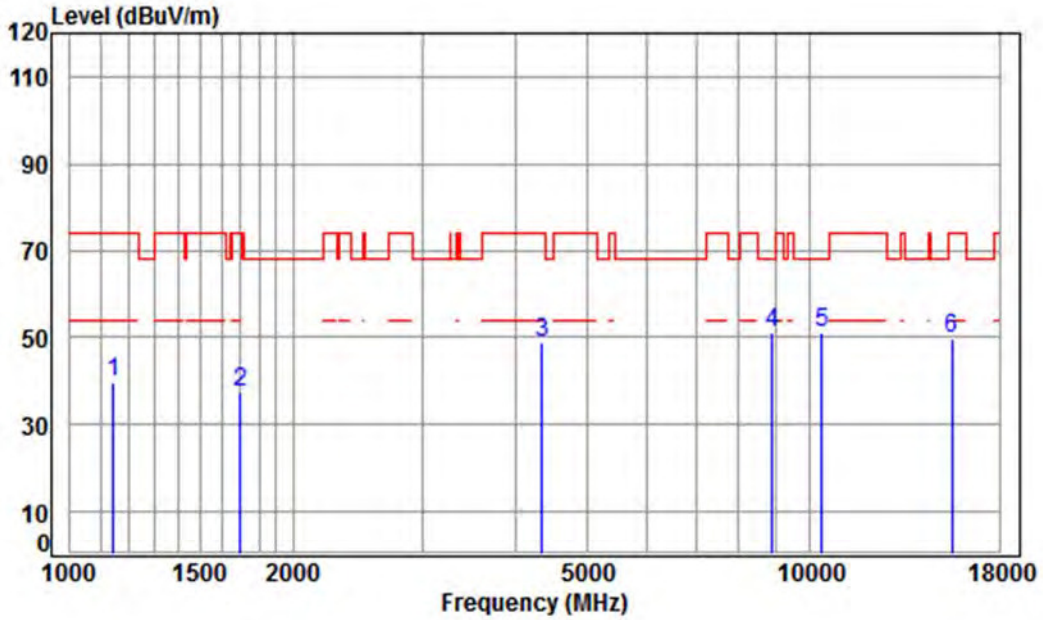
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5180 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5180 TX RSE
: Ant 1 5G WIFI 11AC CH36

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 50.24 | 39.94 | 74.00 | -34.06 | peak |
| 2 | 1629.825 | 5.31 | 26.38 | 38.70 | 45.88 | 38.87 | 68.20 | -29.33 | peak |
| 3 | 4392.376 | 7.44 | 33.60 | 38.14 | 45.93 | 48.83 | 74.00 | -25.17 | peak |
| 4 | 7390.070 | 10.03 | 36.34 | 38.24 | 42.99 | 51.12 | 74.00 | -22.88 | peak |
| 5 | pp10360.000 | 11.19 | 37.24 | 36.34 | 38.26 | 50.35 | 68.20 | -17.85 | peak |
| 6 | 15540.000 | 14.30 | 41.38 | 38.12 | 31.71 | 49.27 | 74.00 | -24.73 | peak |

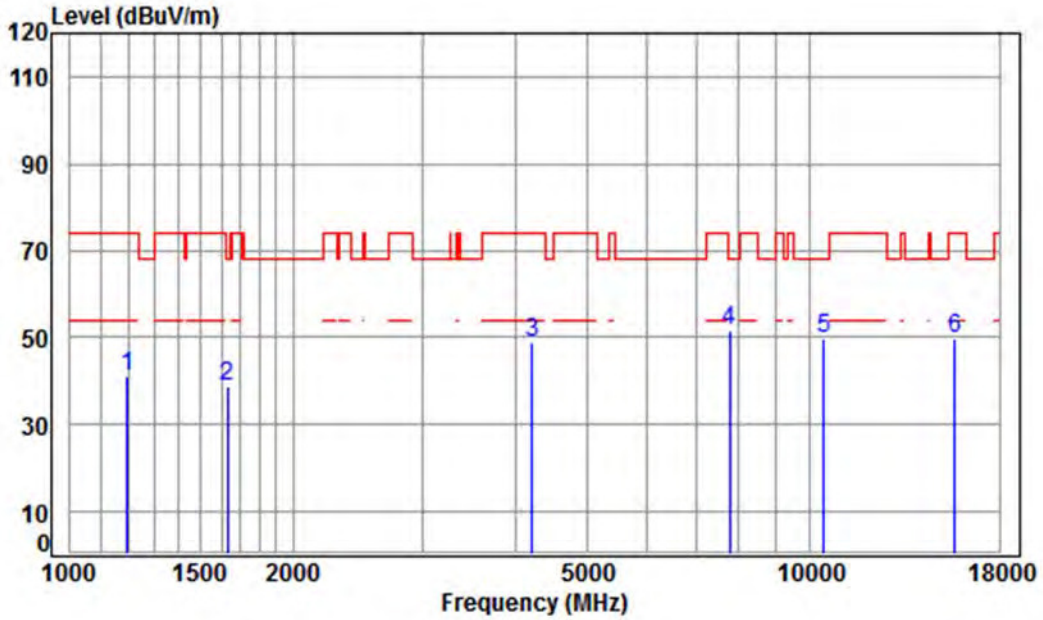
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5180 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5180 TX RSE
: Ant 1 5G WIFI 11AC CH36

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 49.79 | 39.49 | 74.00 | -34.51 | peak |
| 2 | 1697.129 | 5.23 | 26.66 | 38.70 | 44.28 | 37.47 | 74.00 | -36.53 | peak |
| 3 | 4341.886 | 7.38 | 33.60 | 38.14 | 45.88 | 48.72 | 74.00 | -25.28 | peak |
| 4 | 8891.725 | 10.37 | 36.47 | 38.21 | 42.25 | 50.88 | 68.20 | -17.32 | peak |
| 5 | pp10360.000 | 11.19 | 37.24 | 36.34 | 38.98 | 51.07 | 68.20 | -17.13 | peak |
| 6 | 15540.000 | 14.30 | 41.38 | 38.12 | 32.14 | 49.70 | 74.00 | -24.30 | peak |

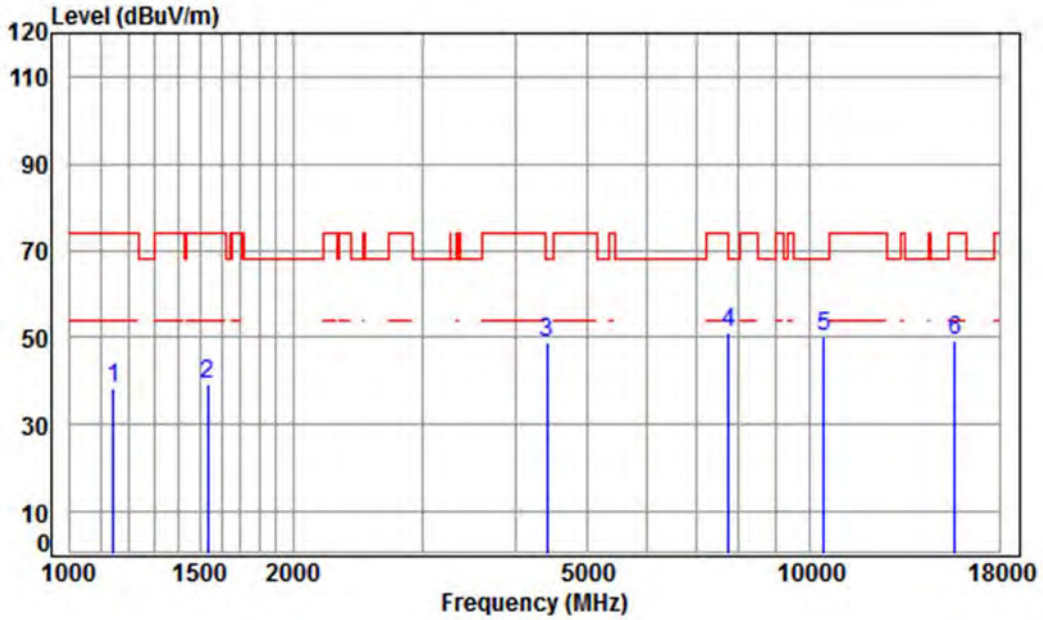
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5220 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5220 TX RSE
: Ant 1 5G WIFI 11AC CH44

| | Freq | Cable Loss | 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 | 4.40 | 24.46 | 38.70 | 51.04 | 41.20 | 74.00 | -32.80 | peak |
| 2 | 1629.825 | 5.31 | 26.38 | 38.70 | 45.81 | 38.80 | 68.20 | -29.40 | peak |
| 3 | 4206.011 | 7.23 | 33.60 | 38.12 | 46.16 | 48.87 | 74.00 | -25.13 | peak |
| 4 | pp 7784.729 | 9.97 | 36.47 | 38.28 | 43.29 | 51.45 | 68.20 | -16.75 | peak |
| 5 | 10440.000 | 11.25 | 37.16 | 36.35 | 37.66 | 49.72 | 68.20 | -18.48 | peak |
| 6 | 15660.000 | 14.48 | 41.34 | 38.03 | 32.03 | 49.82 | 74.00 | -24.18 | peak |

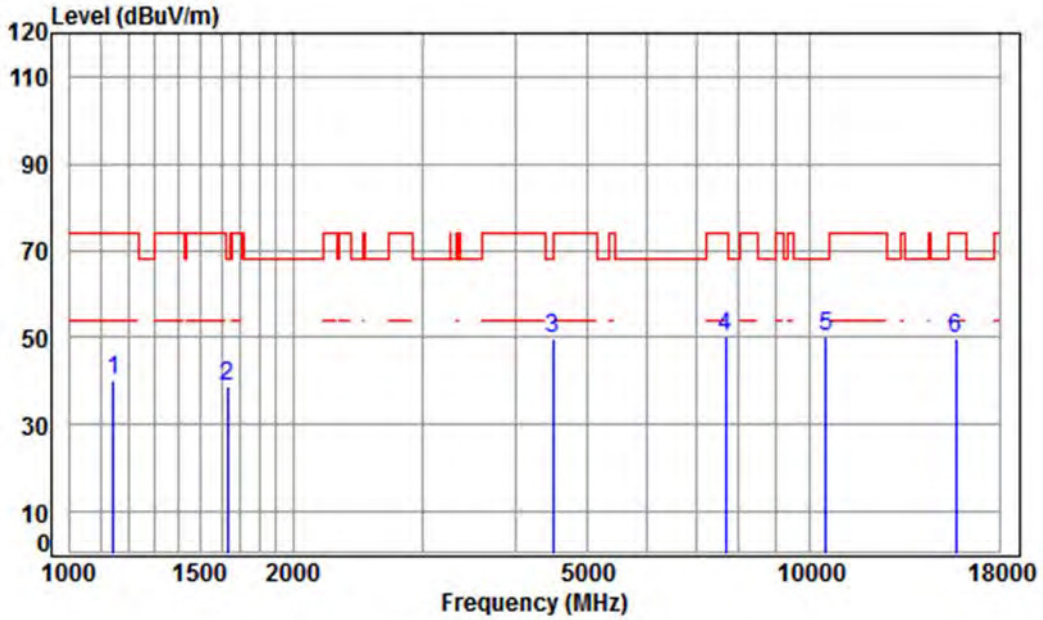
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5220 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5220 TX RSE
: Ant 1 5G WIFI 11AC CH44

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 48.81 | 38.51 | 74.00 | -35.49 | peak |
| 2 | 1533.841 | 5.44 | 25.96 | 38.70 | 46.32 | 39.02 | 74.00 | -34.98 | peak |
| 3 | 4405.090 | 7.46 | 33.60 | 38.14 | 45.76 | 48.68 | 68.20 | -19.52 | peak |
| 4 pp | 7762.260 | 9.97 | 36.46 | 38.28 | 42.86 | 51.01 | 68.20 | -17.19 | peak |
| 5 | 10440.000 | 11.25 | 37.16 | 36.35 | 38.12 | 50.18 | 68.20 | -18.02 | peak |
| 6 | 15660.000 | 14.48 | 41.34 | 38.03 | 31.69 | 49.48 | 74.00 | -24.52 | peak |

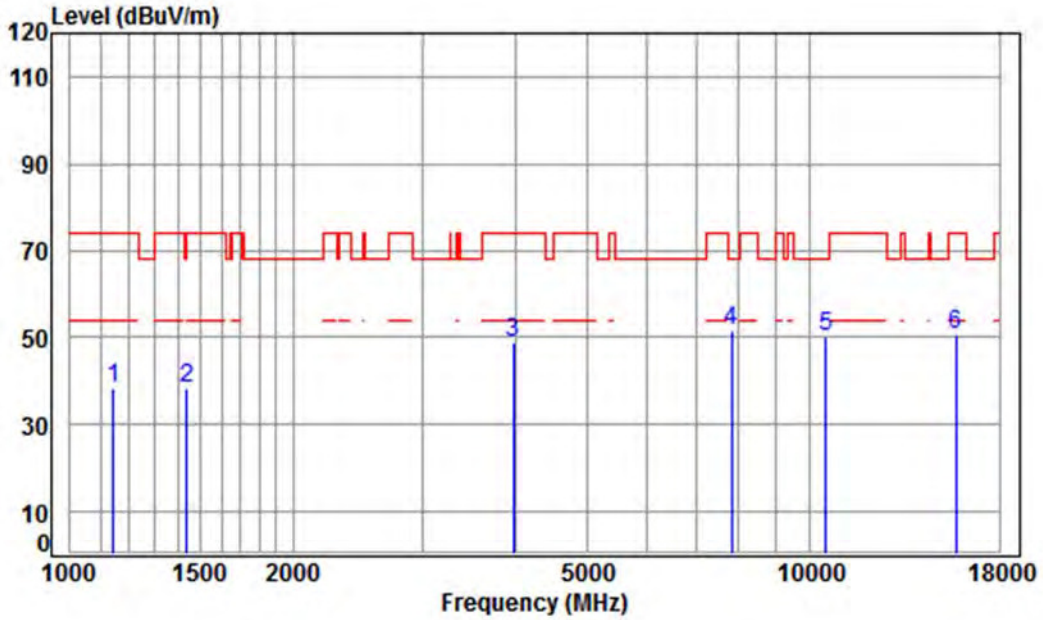
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5240 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5240 TX RSE
: Ant 1 5G WIFI 11AC CH48

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 50.60 | 40.30 | 74.00 | -33.70 | peak |
| 2 | 1629.825 | 5.31 | 26.38 | 38.70 | 45.81 | 38.80 | 68.20 | -29.40 | peak |
| 3 | 4495.125 | 7.55 | 33.60 | 38.15 | 46.89 | 49.89 | 68.20 | -18.31 | peak |
| 4 | 7695.244 | 9.98 | 36.42 | 38.27 | 42.17 | 50.30 | 74.00 | -23.70 | peak |
| 5 | pp10480.000 | 11.28 | 37.12 | 36.35 | 38.25 | 50.30 | 68.20 | -17.90 | peak |
| 6 | 15720.000 | 14.57 | 41.31 | 37.99 | 31.69 | 49.58 | 74.00 | -24.42 | peak |

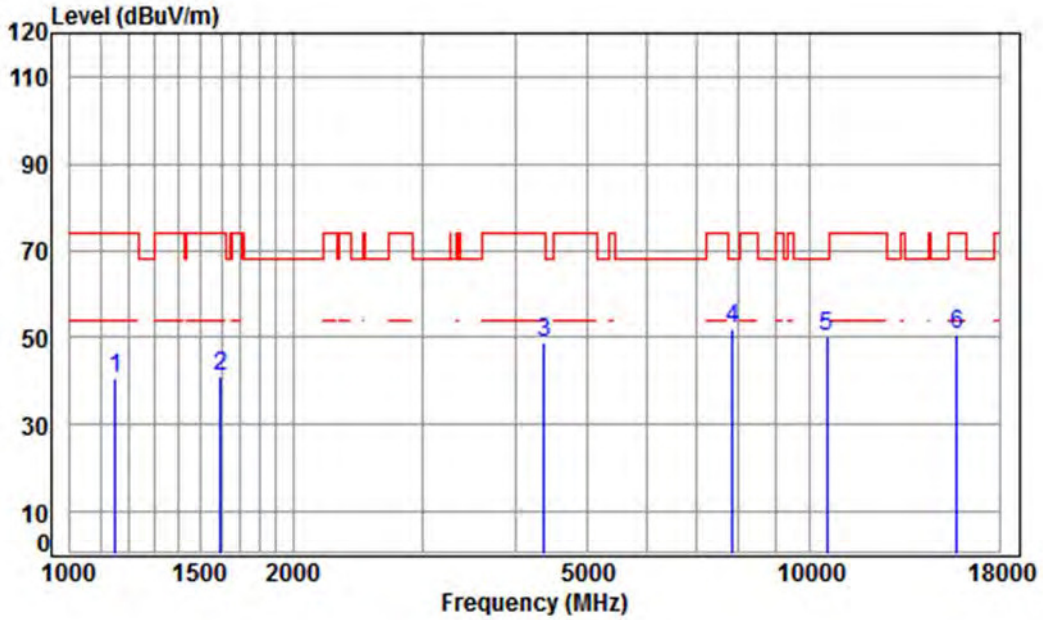
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5240 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5240 TX RSE
: Ant 1 5G WIFI 11AC CH48

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 48.74 | 38.44 | 74.00 | -35.56 | peak |
| 2 | 1439.343 | 5.28 | 25.56 | 38.70 | 46.19 | 38.33 | 74.00 | -35.67 | peak |
| 3 | 3969.767 | 6.95 | 33.52 | 38.09 | 46.33 | 48.71 | 74.00 | -25.29 | peak |
| 4 pp | 7829.860 | 9.97 | 36.50 | 38.28 | 43.46 | 51.65 | 68.20 | -16.55 | peak |
| 5 | 10480.000 | 11.28 | 37.12 | 36.35 | 38.34 | 50.39 | 68.20 | -17.81 | peak |
| 6 | 15720.000 | 14.57 | 41.31 | 37.99 | 32.67 | 50.56 | 74.00 | -23.44 | peak |

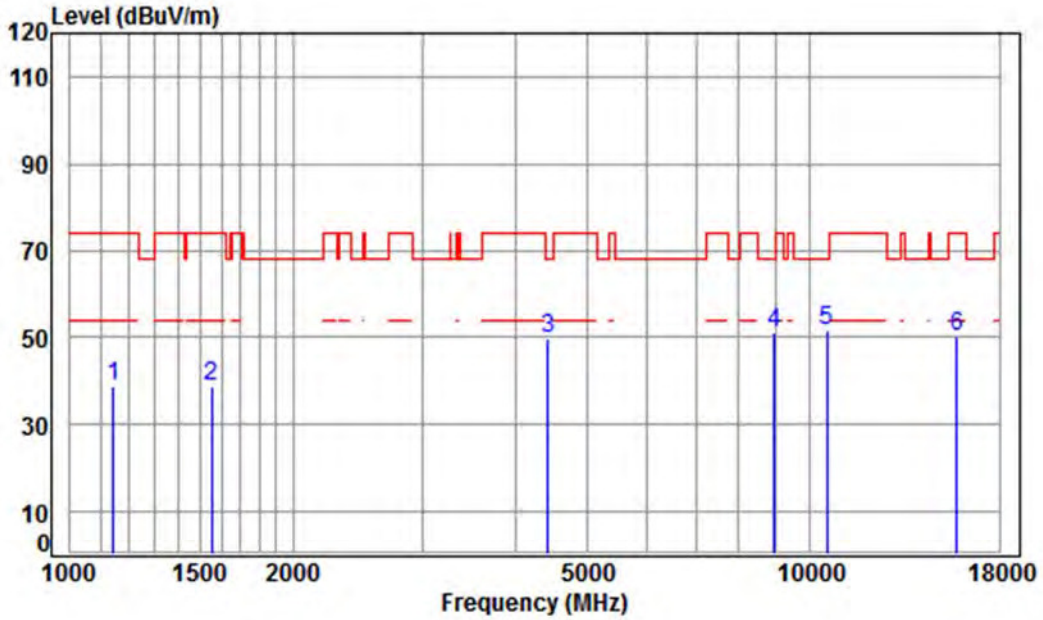
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5260 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5260 TX RSE
: Ant 1 5G WIFI 11AC CH52

| | Freq | Cable Loss | 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 | 4.22 | 24.24 | 38.70 | 50.65 | 40.41 | 74.00 | -33.59 | peak |
| 2 | 1597.181 | 5.35 | 26.24 | 38.70 | 47.95 | 40.84 | 74.00 | -33.16 | peak |
| 3 | 4367.058 | 7.41 | 33.60 | 38.14 | 46.00 | 48.87 | 74.00 | -25.13 | peak |
| 4 pp | 7852.524 | 9.96 | 36.51 | 38.29 | 43.63 | 51.81 | 68.20 | -16.39 | peak |
| 5 | 10520.000 | 11.30 | 37.12 | 36.35 | 38.03 | 50.10 | 68.20 | -18.10 | peak |
| 6 | 15780.000 | 14.66 | 41.29 | 37.95 | 32.70 | 50.70 | 74.00 | -23.30 | peak |

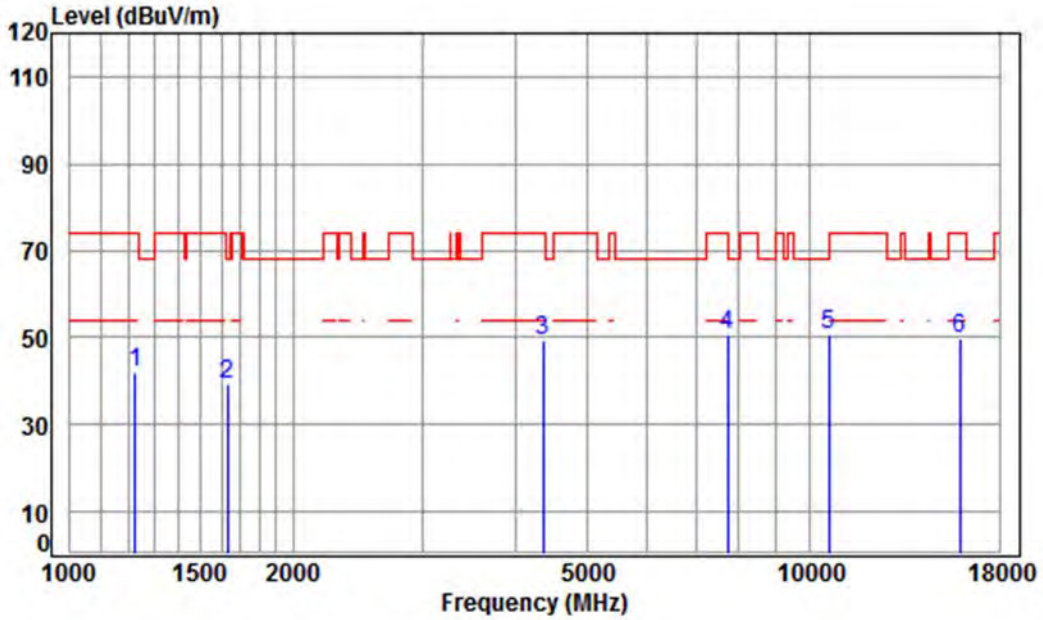
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5260 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5260 TX RSE
: Ant 1 5G WIFI 11AC CH52

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 48.96 | 38.66 | 74.00 | -35.34 | peak |
| 2 | 1551.677 | 5.41 | 26.04 | 38.70 | 45.94 | 38.69 | 74.00 | -35.31 | peak |
| 3 | 4417.841 | 7.47 | 33.60 | 38.14 | 46.58 | 49.51 | 68.20 | -18.69 | peak |
| 4 | 8943.274 | 10.39 | 36.53 | 38.21 | 42.49 | 51.20 | 68.20 | -17.00 | peak |
| 5 | pp10520.000 | 11.30 | 37.12 | 36.35 | 39.50 | 51.57 | 68.20 | -16.63 | peak |
| 6 | 15780.000 | 14.66 | 41.29 | 37.95 | 32.20 | 50.20 | 74.00 | -23.80 | peak |

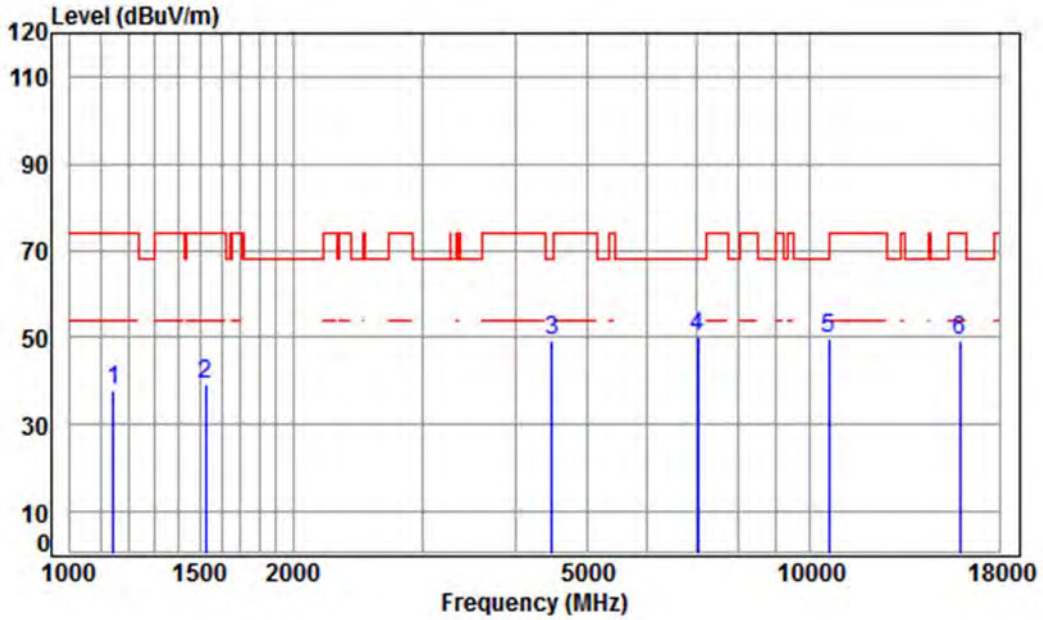
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5300 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5300 TX RSE
: Ant 1 5G WIFI 11AC CH60

| | Freq | Cable Loss | 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 | 4.51 | 24.60 | 38.70 | 51.54 | 41.95 | 74.00 | -32.05 | peak |
| 2 | 1634.543 | 5.31 | 26.40 | 38.70 | 46.07 | 39.08 | 68.20 | -29.12 | peak |
| 3 | 4354.454 | 7.40 | 33.60 | 38.14 | 46.46 | 49.32 | 74.00 | -24.68 | peak |
| 4 | 7739.857 | 9.98 | 36.45 | 38.28 | 42.38 | 50.53 | 74.00 | -23.47 | peak |
| 5 | pp10600.000 | 11.36 | 37.22 | 36.36 | 38.64 | 50.86 | 68.20 | -17.34 | peak |
| 6 | 15900.000 | 14.84 | 41.24 | 37.87 | 31.37 | 49.58 | 74.00 | -24.42 | peak |

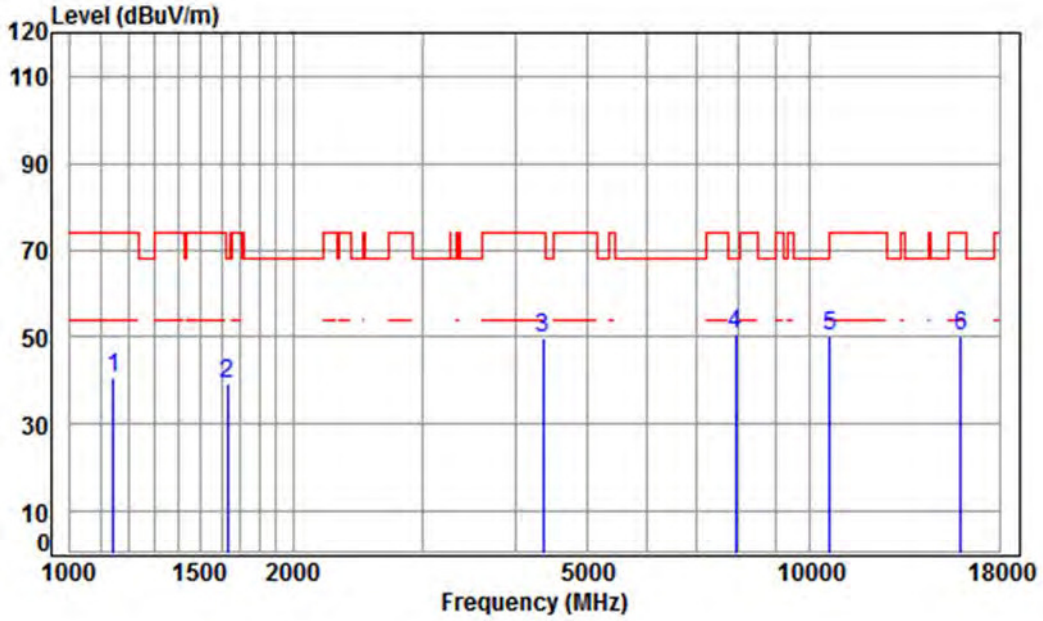
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5300 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5300 TX RSE
: Ant 1 5G WIFI 11AC CH60

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 48.30 | 38.00 | 74.00 | -36.00 | peak |
| 2 | 1525.000 | 5.45 | 25.91 | 38.70 | 46.40 | 39.06 | 74.00 | -34.94 | peak |
| 3 | 4482.150 | 7.54 | 33.60 | 38.15 | 46.07 | 49.06 | 68.20 | -19.14 | peak |
| 4 pp | 7056.092 | 10.11 | 36.48 | 38.21 | 41.84 | 50.22 | 68.20 | -17.98 | peak |
| 5 | 10600.000 | 11.36 | 37.22 | 36.36 | 37.70 | 49.92 | 68.20 | -18.28 | peak |
| 6 | 15900.000 | 14.84 | 41.24 | 37.87 | 31.26 | 49.47 | 74.00 | -24.53 | peak |

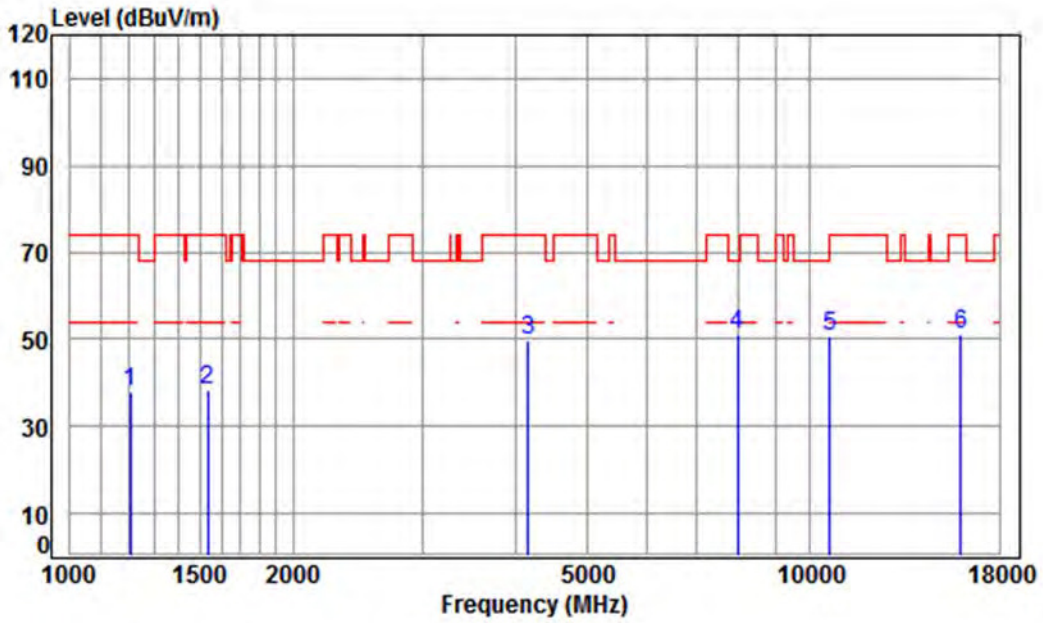
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5320 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5320 TX RSE
: Ant 1 5G WIFI 11AC CH64

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 50.70 | 40.40 | 74.00 | -33.60 | peak |
| 2 | 1634.543 | 5.31 | 26.40 | 38.70 | 46.26 | 39.27 | 68.20 | -28.93 | peak |
| 3 | 4354.454 | 7.40 | 33.60 | 38.14 | 46.83 | 49.69 | 74.00 | -24.31 | peak |
| 4 pp | 7920.911 | 9.96 | 36.55 | 38.29 | 42.55 | 50.77 | 68.20 | -17.43 | peak |
| 5 | 10640.000 | 11.39 | 37.27 | 36.37 | 37.90 | 50.19 | 74.00 | -23.81 | peak |
| 6 | 15960.000 | 14.93 | 41.22 | 37.83 | 32.00 | 50.32 | 74.00 | -23.68 | peak |

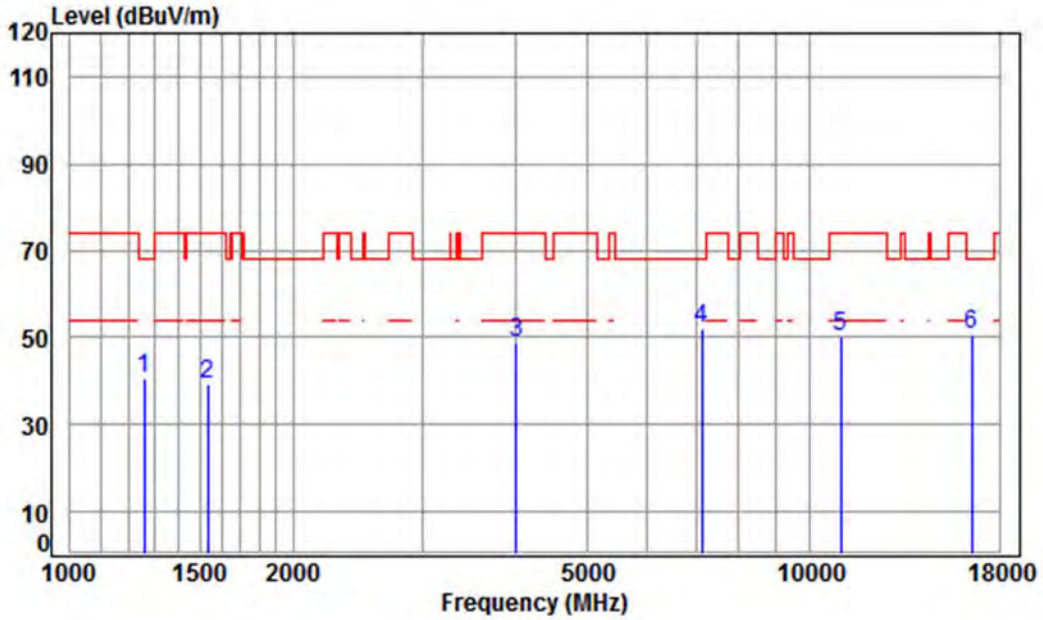
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5320 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5320 TX RSE
: Ant 1 5G WIFI 11AC CH64

| | Freq | Cable Loss | 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 | 4.44 | 24.51 | 38.70 | 47.53 | 37.78 | 74.00 | -36.22 | peak |
| 2 | 1533.841 | 5.44 | 25.96 | 38.70 | 45.84 | 38.54 | 74.00 | -35.46 | peak |
| 3 | 4157.664 | 7.17 | 33.60 | 38.12 | 46.99 | 49.64 | 74.00 | -24.36 | peak |
| 4 pp | 7966.832 | 9.95 | 36.58 | 38.30 | 42.65 | 50.88 | 68.20 | -17.32 | peak |
| 5 | 10640.000 | 11.39 | 37.27 | 36.37 | 38.14 | 50.43 | 74.00 | -23.57 | peak |
| 6 | 15960.000 | 14.93 | 41.22 | 37.83 | 32.72 | 51.04 | 74.00 | -22.96 | peak |

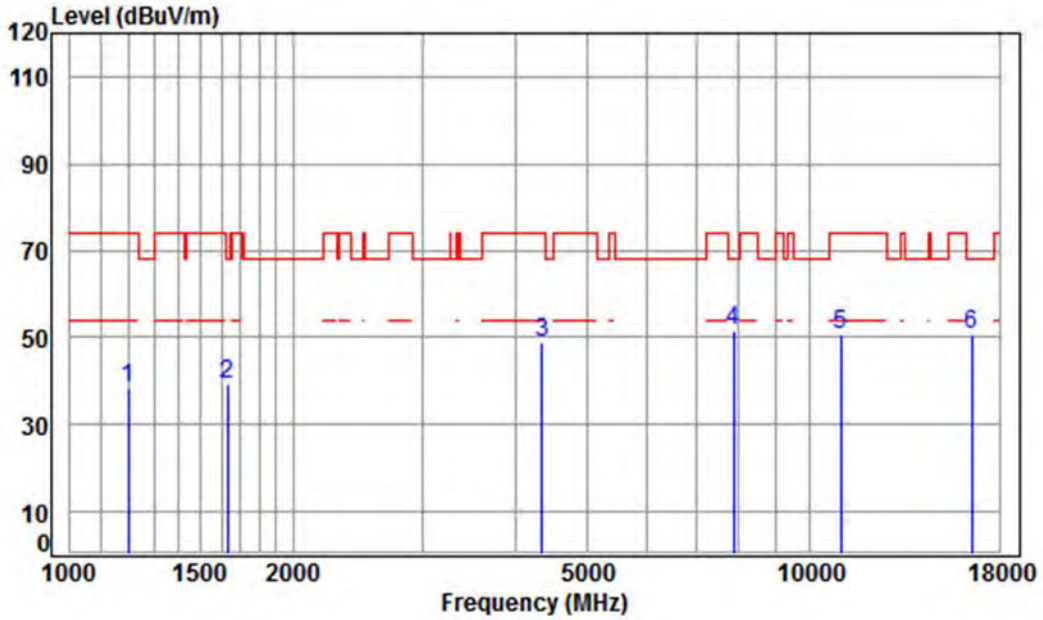
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5500 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5500 TX RSE
: Ant 1 5G WIFI 11AC CH100

| | Freq | Cable Loss | 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 | 4.65 | 24.77 | 38.70 | 49.99 | 40.71 | 68.20 | -27.49 | peak |
| 2 | 1533.841 | 5.44 | 25.96 | 38.70 | 46.40 | 39.10 | 74.00 | -34.90 | peak |
| 3 | 4004.339 | 6.99 | 33.60 | 38.10 | 46.53 | 49.02 | 74.00 | -24.98 | peak |
| 4 pp | 7138.144 | 10.09 | 36.44 | 38.21 | 43.49 | 51.81 | 68.20 | -16.39 | peak |
| 5 | 11000.000 | 11.63 | 37.70 | 36.40 | 37.44 | 50.37 | 74.00 | -23.63 | peak |
| 6 | 16500.000 | 14.50 | 42.70 | 38.00 | 31.59 | 50.79 | 68.20 | -17.41 | peak |

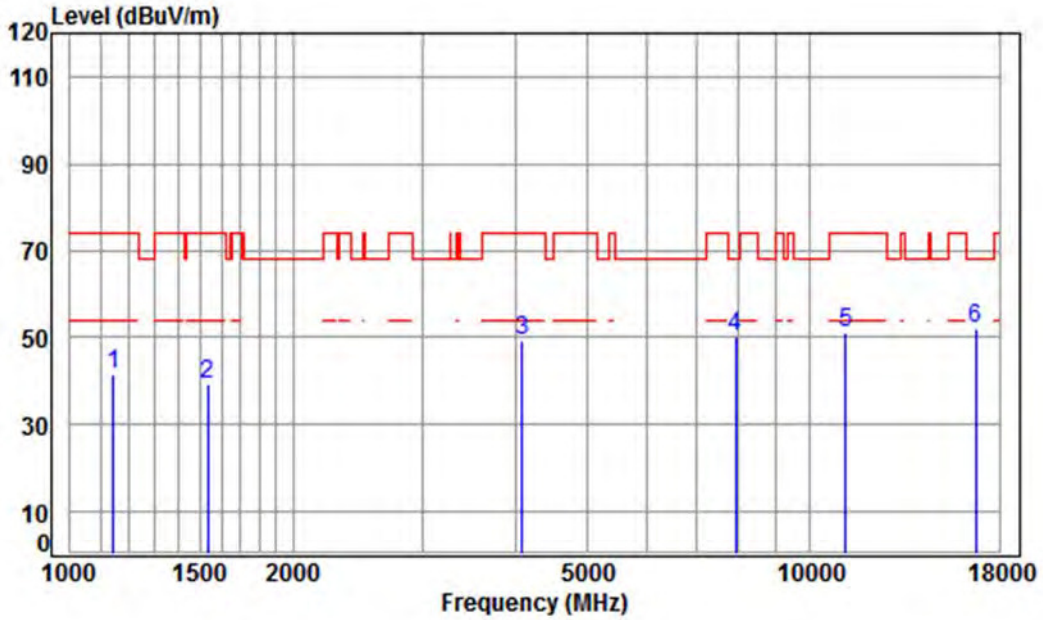
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5500 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5500 TX RSE
: Ant 1 5G WIFI 11AC CH100

| | Freq | Cable Loss | 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 | 4.42 | 24.48 | 38.70 | 48.02 | 38.22 | 74.00 | -35.78 | peak |
| 2 | 1634.543 | 5.31 | 26.40 | 38.70 | 46.10 | 39.11 | 68.20 | -29.09 | peak |
| 3 | 4341.886 | 7.38 | 33.60 | 38.14 | 46.11 | 48.95 | 74.00 | -25.05 | peak |
| 4 | pp 7875.254 | 9.96 | 36.53 | 38.29 | 43.50 | 51.70 | 68.20 | -16.50 | peak |
| 5 | 11000.000 | 11.63 | 37.70 | 36.40 | 37.49 | 50.42 | 74.00 | -23.58 | peak |
| 6 | 16500.000 | 14.50 | 42.70 | 38.00 | 31.66 | 50.86 | 68.20 | -17.34 | peak |

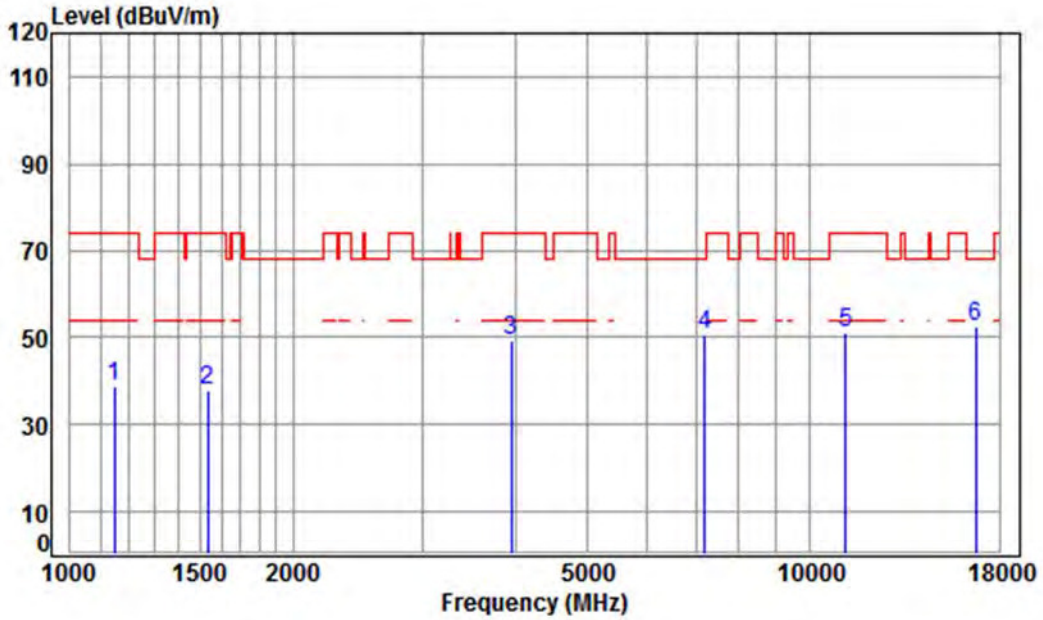
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5580 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5580 TX RSE
: Ant 1 5G WIFI 11AC CH116

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 51.84 | 41.54 | 74.00 | -32.46 | peak |
| 2 | 1533.841 | 5.44 | 25.96 | 38.70 | 46.35 | 39.05 | 74.00 | -34.95 | peak |
| 3 | 4086.182 | 7.08 | 33.60 | 38.11 | 46.75 | 49.32 | 74.00 | -24.68 | peak |
| 4 | 7920.911 | 9.96 | 36.55 | 38.29 | 42.03 | 50.25 | 68.20 | -17.95 | peak |
| 5 | 11160.000 | 11.80 | 37.83 | 36.45 | 38.00 | 51.18 | 74.00 | -22.82 | peak |
| 6 | pp16740.000 | 15.57 | 42.75 | 38.10 | 31.74 | 51.96 | 68.20 | -16.24 | peak |

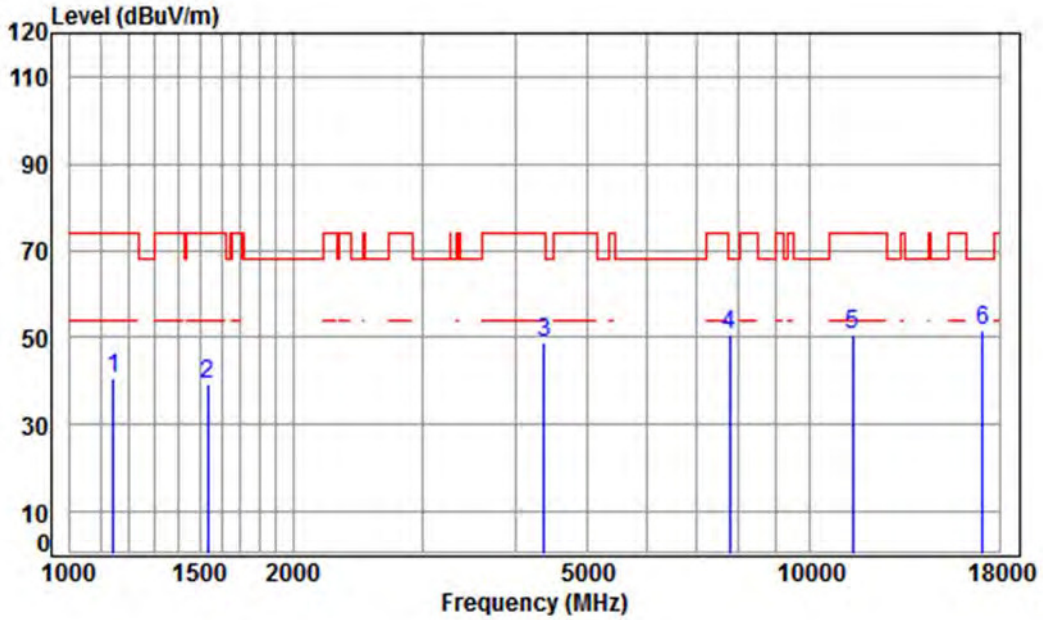
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5580 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5580 TX RSE
: Ant 1 5G WIFI 11AC CH116

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1148.823 | 4.21 | 24.22 | 38.70 | 48.98 | 38.71 | 74.00 | -35.29 | peak |
| 2 | 1533.841 | 5.44 | 25.96 | 38.70 | 45.22 | 37.92 | 74.00 | -36.08 | peak |
| 3 | 3946.885 | 6.93 | 33.46 | 38.09 | 46.98 | 49.28 | 74.00 | -24.72 | peak |
| 4 | 7200.309 | 10.08 | 36.42 | 38.22 | 42.19 | 50.47 | 68.20 | -17.73 | peak |
| 5 | 11160.000 | 11.80 | 37.83 | 36.45 | 38.01 | 51.19 | 74.00 | -22.81 | peak |
| 6 | pp16740.000 | 15.57 | 42.75 | 38.10 | 32.18 | 52.40 | 68.20 | -15.80 | peak |

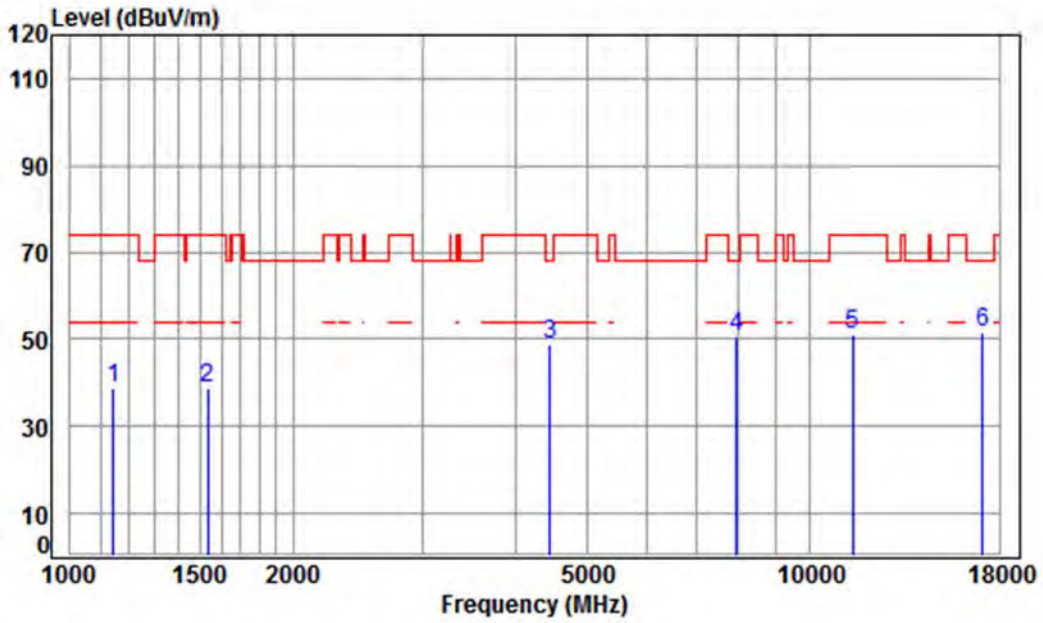
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5700 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5700 TX RSE
: Ant 1 5G WIFI 11AC CH140

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 51.01 | 40.71 | 74.00 | -33.29 | peak |
| 2 | 1533.841 | 5.44 | 25.96 | 38.70 | 46.69 | 39.39 | 74.00 | -34.61 | peak |
| 3 | 4367.058 | 7.41 | 33.60 | 38.14 | 46.07 | 48.94 | 74.00 | -25.06 | peak |
| 4 | 7784.729 | 9.97 | 36.47 | 38.28 | 42.43 | 50.59 | 68.20 | -17.61 | peak |
| 5 | 11400.000 | 12.04 | 38.02 | 36.52 | 37.07 | 50.61 | 74.00 | -23.39 | peak |
| 6 | pp17100.000 | 16.49 | 42.92 | 38.17 | 30.22 | 51.46 | 68.20 | -16.74 | peak |

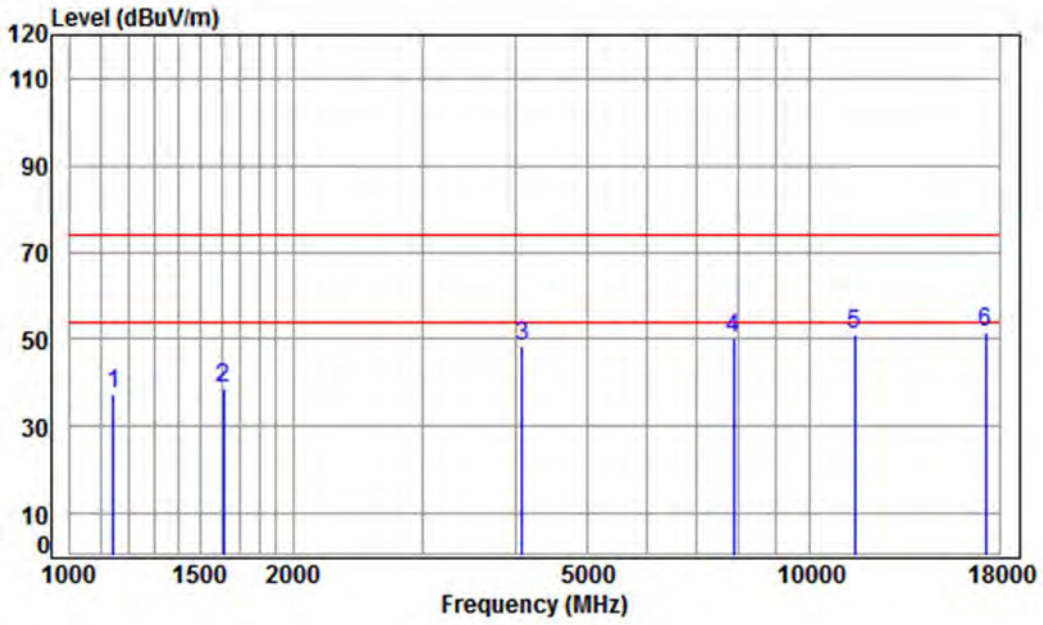
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5700 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5700 TX RSE
: Ant 1 5G WIFI 11AC CH140

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 48.90 | 38.60 | 74.00 | -35.40 | peak |
| 2 | 1533.841 | 5.44 | 25.96 | 38.70 | 46.23 | 38.93 | 74.00 | -35.07 | peak |
| 3 | 4456.315 | 7.51 | 33.60 | 38.15 | 45.81 | 48.77 | 68.20 | -19.43 | peak |
| 4 | 7943.838 | 9.96 | 36.57 | 38.29 | 42.36 | 50.60 | 68.20 | -17.60 | peak |
| 5 | 11400.000 | 12.04 | 38.02 | 36.52 | 37.65 | 51.19 | 74.00 | -22.81 | peak |
| 6 | pp17100.000 | 16.49 | 42.92 | 38.17 | 30.33 | 51.57 | 68.20 | -16.63 | peak |

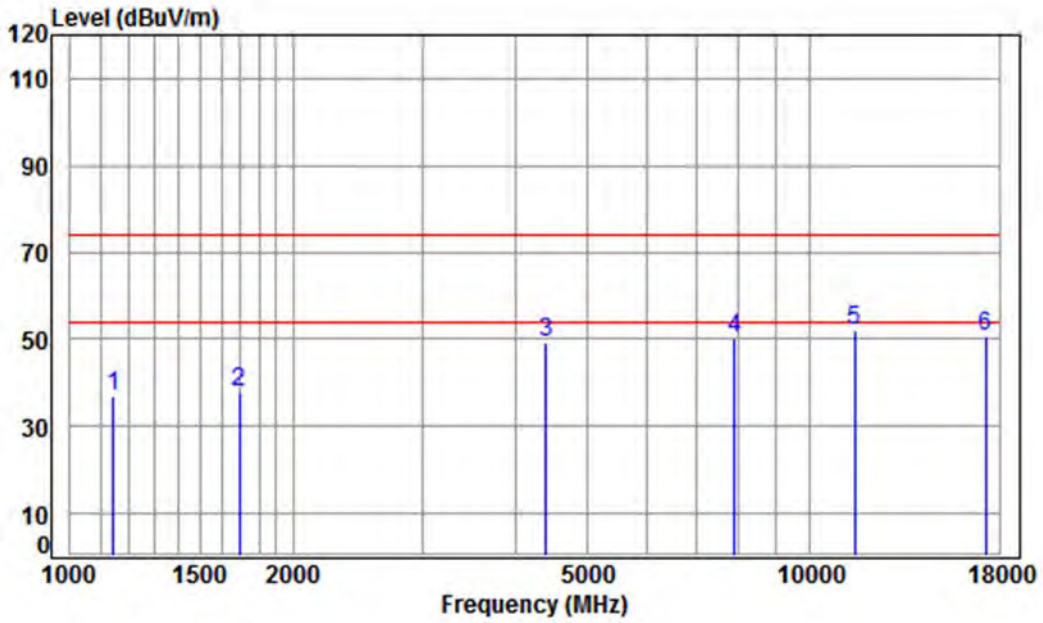
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5745 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5745 TX RSE
: Ant 1 5G WIFI 11AC CH149

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 47.89 | 37.59 | 74.00 | -36.41 | peak |
| 2 | 1611.091 | 5.34 | 26.30 | 38.70 | 45.70 | 38.64 | 74.00 | -35.36 | peak |
| 3 | 4086.182 | 7.08 | 33.60 | 38.11 | 45.91 | 48.48 | 74.00 | -25.52 | peak |
| 4 | 7875.254 | 9.96 | 36.53 | 38.29 | 41.89 | 50.09 | 74.00 | -23.91 | peak |
| 5 | 11490.000 | 12.13 | 38.09 | 36.55 | 37.41 | 51.08 | 74.00 | -22.92 | peak |
| 6 | pp17235.000 | 16.18 | 43.08 | 38.13 | 30.24 | 51.37 | 74.00 | -22.63 | peak |

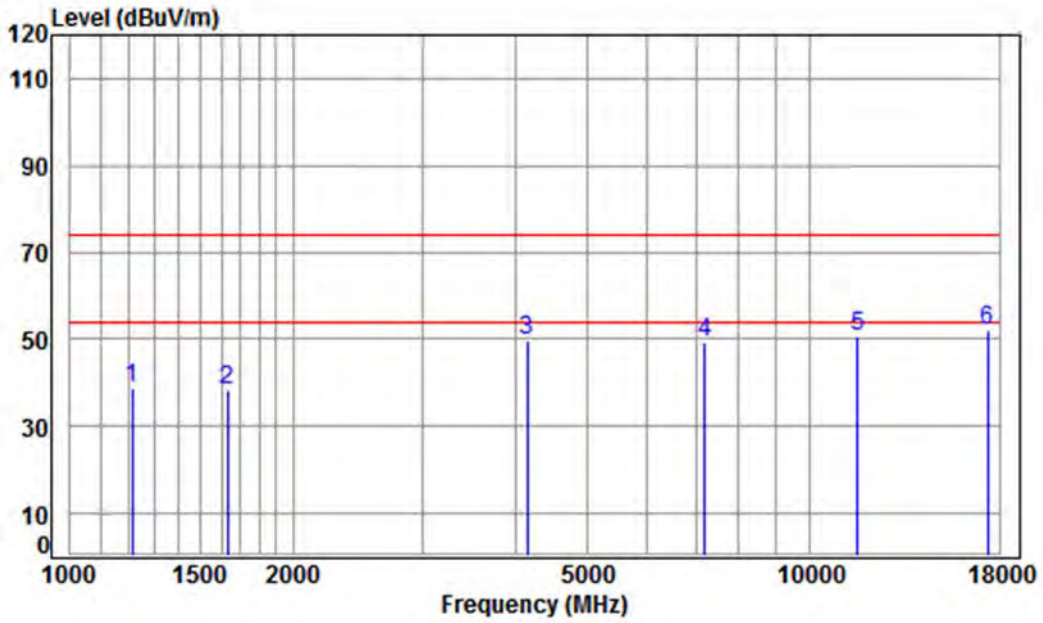
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5745 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5745 TX RSE
: Ant 1 5G WIFI 11AC CH149

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 47.30 | 37.00 | 74.00 | -37.00 | peak |
| 2 | 1692.231 | 5.24 | 26.64 | 38.70 | 44.82 | 38.00 | 74.00 | -36.00 | peak |
| 3 | 4392.376 | 7.44 | 33.60 | 38.14 | 46.16 | 49.06 | 74.00 | -24.94 | peak |
| 4 | 7898.049 | 9.96 | 36.54 | 38.29 | 41.98 | 50.19 | 74.00 | -23.81 | peak |
| 5 | pp11490.000 | 12.13 | 38.09 | 36.55 | 38.22 | 51.89 | 74.00 | -22.11 | peak |
| 6 | 17235.000 | 16.18 | 43.08 | 38.13 | 29.67 | 50.80 | 74.00 | -23.20 | peak |

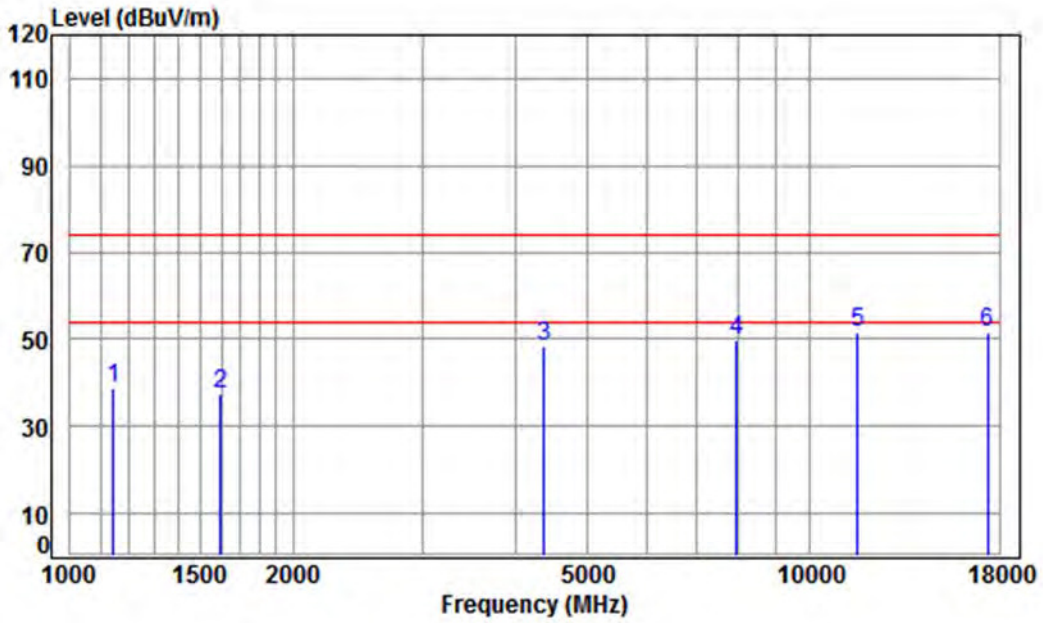
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5785 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5785 TX RSE
: Ant 1 5G WIFI 11AC CH157

| | Freq | Cable Loss | 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 | 4.47 | 24.55 | 38.70 | 48.63 | 38.95 | 74.00 | -35.05 | peak |
| 2 | 1629.825 | 5.31 | 26.38 | 38.70 | 45.36 | 38.35 | 74.00 | -35.65 | peak |
| 3 | 4145.664 | 7.16 | 33.60 | 38.12 | 47.29 | 49.93 | 74.00 | -24.07 | peak |
| 4 | 7200.309 | 10.08 | 36.42 | 38.22 | 41.19 | 49.47 | 74.00 | -24.53 | peak |
| 5 | 11570.000 | 12.17 | 38.17 | 36.57 | 36.96 | 50.73 | 74.00 | -23.27 | peak |
| 6 | pp17355.000 | 15.92 | 43.23 | 38.09 | 30.94 | 52.00 | 74.00 | -22.00 | peak |

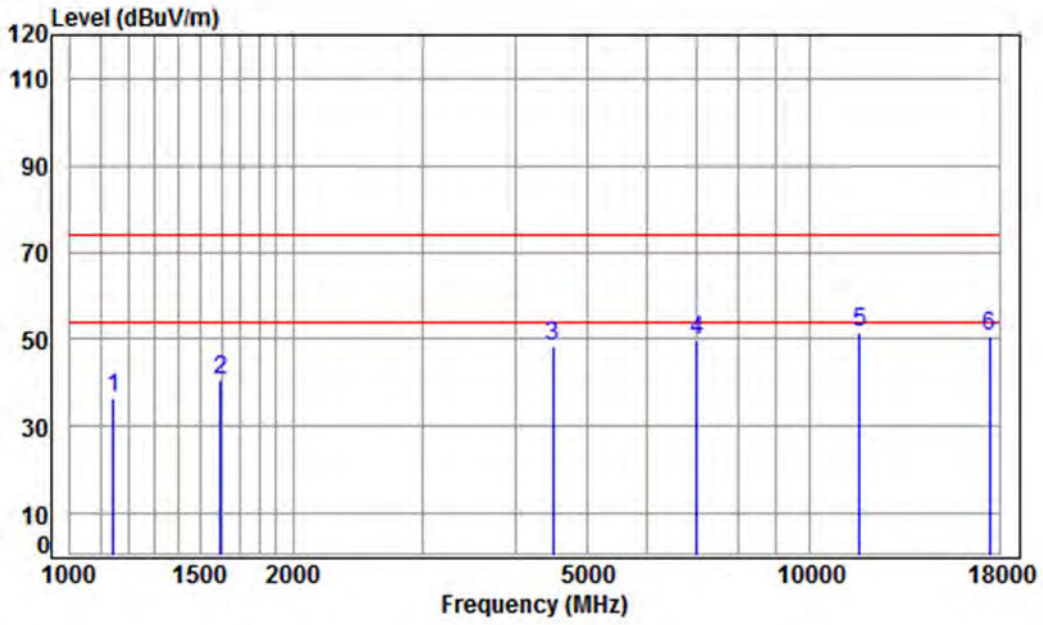
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5785 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5785 TX RSE
: Ant 1 5G WIFI 11AC CH157

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 48.98 | 38.68 | 74.00 | -35.32 | peak |
| 2 | 1597.181 | 5.35 | 26.24 | 38.70 | 44.63 | 37.52 | 74.00 | -36.48 | peak |
| 3 | 4367.058 | 7.41 | 33.60 | 38.14 | 45.55 | 48.42 | 74.00 | -25.58 | peak |
| 4 | 7943.838 | 9.96 | 36.57 | 38.29 | 41.52 | 49.76 | 74.00 | -24.24 | peak |
| 5 | 11570.000 | 12.17 | 38.17 | 36.57 | 37.69 | 51.46 | 74.00 | -22.54 | peak |
| 6 | pp17355.000 | 15.92 | 43.23 | 38.09 | 30.43 | 51.49 | 74.00 | -22.51 | peak |

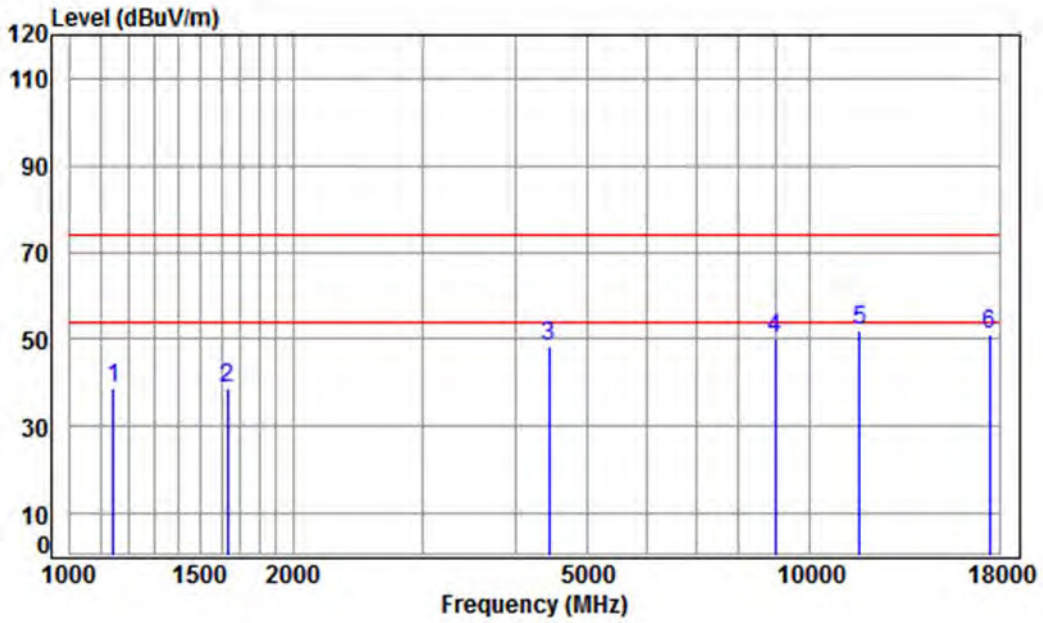
| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5825 | Peak | Vertical |
|---|---|---|---|---|---|




Condition: 3m VERTICAL
Job No : 0217RG
Mode : 5825 TX RSE
: Ant 1 5G WIFI 11AC CH165

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 46.96 | 36.66 | 74.00 | -37.34 | peak |
| 2 | 1597.181 | 5.35 | 26.24 | 38.70 | 47.79 | 40.68 | 74.00 | -33.32 | peak |
| 3 | 4495.125 | 7.55 | 33.60 | 38.15 | 45.53 | 48.53 | 74.00 | -25.47 | peak |
| 4 | 7035.727 | 10.12 | 36.49 | 38.20 | 41.50 | 49.91 | 74.00 | -24.09 | peak |
| 5 | pp11650.000 | 12.20 | 38.25 | 36.60 | 37.78 | 51.63 | 74.00 | -22.37 | peak |
| 6 | 17475.000 | 15.65 | 43.37 | 38.06 | 29.88 | 50.84 | 74.00 | -23.16 | peak |

| Test mode: | 802.11ac(HT20) | Frequency(MHz): | 5825 | Peak | Horizontal |
|---|---|---|---|---|---|




Condition: 3m HORIZONTAL
Job No : 0217RG
Mode : 5825 TX RSE
: Ant 1 5G WIFI 11AC CH165

| | Freq | Cable Loss | Ant Factor | Preamp Factor | Read Level | Level | Limit Line | Over Limit | Remark |
|---|---|---|---|---|---|---|---|---|---|
| | MHz | dB | dB/m | dB | dBuV | dBuV/m | dBuV/m | dB | |
| 1 | 1145.507 | 4.20 | 24.20 | 38.70 | 48.97 | 38.67 | 74.00 | -35.33 | peak |
| 2 | 1629.825 | 5.31 | 26.38 | 38.70 | 45.59 | 38.58 | 74.00 | -35.42 | peak |
| 3 | 4443.453 | 7.50 | 33.60 | 38.15 | 45.38 | 48.33 | 74.00 | -25.67 | peak |
| 4 | 8969.161 | 10.39 | 36.56 | 38.20 | 41.38 | 50.13 | 74.00 | -23.87 | peak |
| 5 | pp11650.000 | 12.20 | 38.25 | 36.60 | 38.04 | 51.89 | 74.00 | -22.11 | peak |
| 6 | 17475.000 | 15.65 | 43.37 | 38.06 | 30.16 | 51.12 | 74.00 | -22.88 | peak |