# FCC Radio Test Report

## FCC ID: 2BCGWH500

| | | |
|---|---|---|
| **Report No.** | : | BTL-FCCP-2-2404G123 |
| **Equipment** | : | Smart HomeBase |
| **Model Name** | : | Tapo H500 |
| **Brand Name** | : | tp-link, tapo |
| **Applicant** | : | TP-LINK CORPORATION PTE. LTD. |
| **Address** | : | 7 Temasek Boulevard #29-03 Suntec Tower One, Singapore 038987 |
| **Radio Function** | : | RLAN 5 GHz (U-NII 1, U-NII 2A, U-NII 2C, U-NII 3) |
| **FCC Rule Part(s)** | : | FCC CFR Title 47, Part 15, Subpart E (15.407) |
| **Measurement Procedure(s)** | : | ANSI C63.10-2013 |
| **Date of Receipt** | : | 2024/5/31 |
| **Date of Test** | : | 2024/6/4 ~ 2024/6/26 |
| **Issued Date** | : | 2024/9/26 |

The above equipment has been tested and found in compliance with the requirement of the above standards by BTL Inc.

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**Limitation**

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

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## REVISION HISTORY

| Report No. | Version | Description | Issued Date | Note |
|---|---|---|---|---|
| BTL-FCCP-2-2404G123 | R00 | Original Report. | 2024/9/14 | Invalid |
| BTL-FCCP-2-2404G123 | R01 | Revised report to address comments. | 2024/9/26 | Valid |

# 1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

| Standard(s) Section | Description | Test Result | Judgement | Remark |
|---|---|---|---|---|
| 15.207 | AC Power Line Conducted Emissions | APPENDIX A | Pass | ------ |
| 15.205<br>15.209<br>15.407(b) | Radiated Emissions | APPENDIX C<br>APPENDIX D<br>APPENDIX E | Pass | ------ |
| 15.407(a)<br>15.407(e) | Bandwidth | APPENDIX E | Pass | ------ |
| 15.407(a) | Output Power | APPENDIX F | Pass | ------ |
| 15.407(a) | Power Spectral Density | APPENDIX G | Pass | ------ |
| 15.203 | Antenna Requirement | ------ | Pass | **NOTE (4)** |
| 15.407(c) | Automatically Discontinue Transmission | ------ | Pass | **NOTE (3)** |

NOTE:
(1) ”N/A” denotes test is not applicable in this Test Report.
(2) The report format version is TP.1.1.1.
(3) During no any information transmission, the EUT can automatically discontinue transmission and become standby mode for power saving. the EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.
(4) The device what use replaceable antennas with non-standard interfaces are considered sufficient to com ply with the provisions of 15.203.

## 1.1 TEST FACILITY

The test locations stated below are under the TAF Accreditation Number 0659.
The test location(s) used to collect the test data in this report are:
No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)
☒ CB21 ☒ C06

## 1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement **y** ± **U**, where expanded uncertainty **U** is based on a standard uncertainty multiplied by a coverage factor of **k = 2**, providing a level of confidence of approximately **95 %**. The measurement instrumentation uncertainty considerations contained in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 $U_{cispr}$ requirement.

A. AC power line conducted emissions test:

| Test Site | Method | Measurement Frequency Range | U (dB) |
|---|---|---|---|
| C06 | CISPR | 150 kHz ~ 30MHz | 2.4498 |

B. Radiated emissions test:

| Test Site | Measurement Frequency Range | U,(dB) |
|---|---|---|
| CB21 | 0.03 GHz ~ 0.2 GHz | 4.17 |
| | 0.2 GHz ~ 1 GHz | 4.72 |
| | 1 GHz ~ 6 GHz | 5.21 |
| | 6 GHz ~ 18 GHz | 5.51 |
| | 18 GHz ~ 26 GHz | 3.69 |
| | 26 GHz ~ 40 GHz | 4.23 |

C. Conducted test:

| Test Item | U,(dB) |
|---|---|
| Occupied Bandwidth | 0.53 |
| Output power | 0.37 |
| Power Spectral Density | 0.66 |
| Conducted Spurious emissions | 0.53 |
| Conducted Band edges | 0.53 |
| Frequency Stability | 0.53 |

NOTE:
Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

### 1.3 TEST ENVIRONMENT CONDITIONS

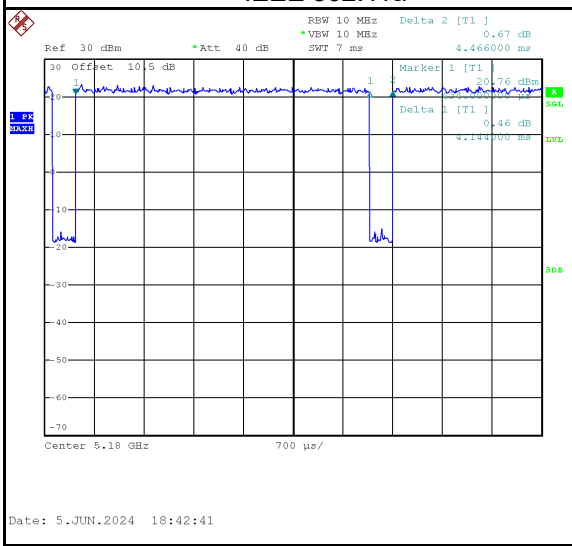
| Test Item | Environment Condition | Test Voltage | Tested by |
|---|---|---|---|
| AC Power Line Conducted Emissions | 25°C, 45% | AC 120V | Ken Lu |
| Radiated emissions below 1 GHz | 25°C, 65% | AC 120V | Ken Lu |
| Radiated emissions above 1 GHz | 25°C, 65% | AC 120V | Ken Lu |
| Bandwidth | 24°C, 60% | AC 120V | Cheng Tsai |
| Output Power | 24°C, 60% | AC 120V | Cheng Tsai |
| Power Spectral Density | 24°C, 60% | AC 120V | Cheng Tsai |

## 1.4 DUTY CYCLE

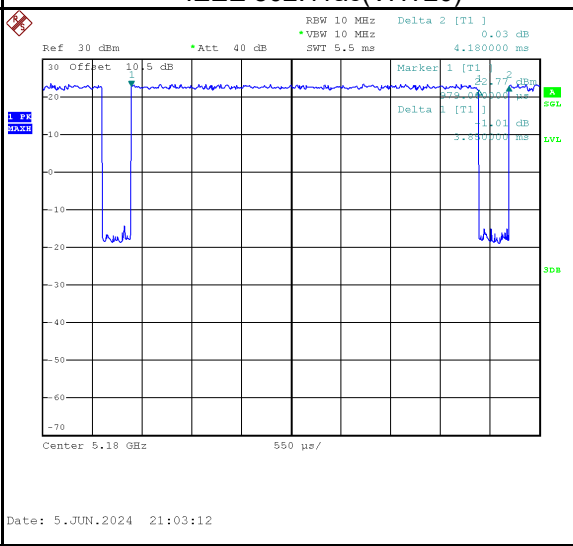
If duty cycle is ≥ 98 %, duty factor is not required.
If duty cycle is < 98 %, duty factor shall be considered.

| Remark | Delta 1 | | | Delta 2 | On Time/Period | 10 log(1/Duty Cycle) |
|---|---|---|---|---|---|---|
| Mode | ON (ms) | Numbers (ON) | On Time (B) (ms) | Period (ON+OFF) (ms) | Duty Cycle (%) | Duty Factor (dB) |
| IEEE 802.11a | 4.144 | 1 | 4.144 | 4.466 | 92.79% | 0.32 |
| IEEE 802.11ac (VHT20) | 3.850 | 1 | 3.850 | 4.180 | 92.11% | 0.36 |
| IEEE 802.11ac (VHT40) | 3.696 | 1 | 3.696 | 4.046 | 91.35% | 0.39 |
| IEEE 802.11ac (VHT80) | 2.563 | 1 | 2.563 | 2.882 | 88.93% | 0.51 |

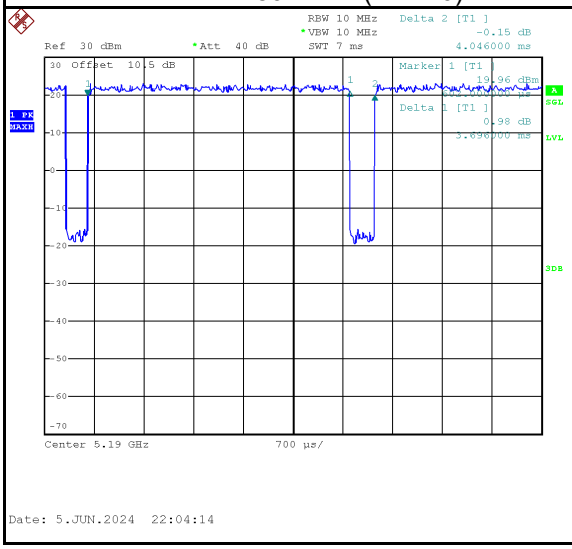
IEEE 802.11a



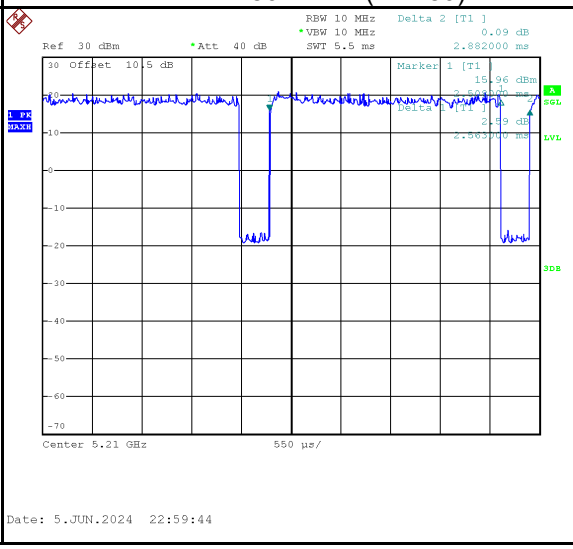

IEEE 802.11ac(VHT20)




IEEE 802.11ac(VHT40)




IEEE 802.11ac (VHT80)



# 2 GENERAL INFORMATION

## 2.1 DESCRIPTION OF EUT

| | |
|---|---|
| Equipment | Smart HomeBase |
| Brand Name | tp-link, tapo |
| Model Name | Tapo H500 |
| Model Difference | N/A |
| Software Version | 1.X |
| Hardware Version | 1.0 |
| Power Source | DC Voltage supplied from AC adapter.<br>Model: T120200-2B4 |
| Power Rating | I/P: 100-240V~ 50/60Hz 0.8A O/P:12.0V⎓2.0A |
| Operation Bands | UNII-1: 5150 MHz to 5250 MHz<br>UNII-2A: 5250 MHz to 5350 MHz<br>UNII-2C: 5470 MHz to 5725 MHz<br>UNII-3: 5725 MHz to 5850 MHz |
| Operation Frequency | UNII-1: 5180 MHz to 5250 MHz<br>UNII-2A: 5250 MHz to 5320 MHz<br>UNII-2C: 5500 MHz to 5700 MHz<br>UNII-3: 5745 MHz to 5825 MHz |
| Modulation Technology | OFDM |
| Transfer Rate | 802.11a: 54/48/36/24/18/12/9/6 Mbps<br>802.11n: up to 300Mbps<br>802.11ac: up to 866.7 Mbps |
| Output Power Max._UNII-1 Non Beamforming | IEEE 802.11ac(VHT40): 23.73 dBm (0.2360 W) |
| Maximum Output Power_UNII-2A Non Beamforming | IEEE 802.11ac(VHT40): 23.71 dBm (0.2350 W) |
| Output Power Max._UNII-2C Non Beamforming | IEEE 802.11ac(VHT80): 23.97 dBm (0.2495 W) |
| Output Power Max._UNII-3 Non Beamforming | IEEE 802.11ac(VHT20): 23.94 dBm (0.2477 W) |
| Output Power Max._UNII-1 Beamforming | IEEE 802.11ac(VHT40): 23.09 dBm (0.2037 W) |
| Output Power Max._UNII-2A Beamforming | IEEE 802.11ac(VHT80): 23.10 dBm (0.2042 W) |
| Output Power Max._UNII-2C Beamforming | IEEE 802.11ac(VHT80): 23.47 dBm (0.2223 W) |
| Output Power Max._UNII-3 Beamforming | IEEE 802.11ac(VHT20): 23.31 dBm (0.2143 W) |
| Test Model | Tapo H500 |
| Sample Status | Engineering Sample |
| EUT Modification(s) | N/A |

NOTE:
(1) The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

(2) Channel List:

| IEEE 802.11a<br>IEEE 802.11n(HT20)<br>IEEE 802.11ac(VHT20) | | IEEE 802.11n(HT40)<br>IEEE 802.11ac(VHT40) | | IEEE 802.11ac(VHT80) | |
|---|---|---|---|---|---|
| UNII-1 | | UNII-1 | | UNII-1 | |
| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 36 | 5180 | 38 | 5190 | 42 | 5210 |
| 40 | 5200 | 46 | 5230 | | |
| 44 | 5220 | | | | |
| 48 | 5240 | | | | |

| IEEE 802.11a<br>IEEE 802.11n(HT20)<br>IEEE 802.11ac(VHT20) | | IEEE 802.11n(HT40)<br>IEEE 802.11ac(VHT40) | | IEEE 802.11ac(VHT80) | |
|---|---|---|---|---|---|
| UNII-2A | | UNII-2A | | UNII-2A | |
| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 52 | 5260 | 54 | 5270 | 58 | 5290 |
| 56 | 5280 | 62 | 5310 | | |
| 60 | 5300 | | | | |
| 64 | 5320 | | | | |

| IEEE 802.11a<br>IEEE 802.11n(HT20)<br>IEEE 802.11ac(VHT20) | | IEEE 802.11n(HT40)<br>IEEE 802.11ac(VHT40) | | IEEE 802.11ac(VHT80) | |
|---|---|---|---|---|---|
| UNII-2C | | UNII-2C | | UNII-2C | |
| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 100 | 5500 | 102 | 5510 | 106 | 5530 |
| 104 | 5520 | 110 | 5550 | 122 | 5610 |
| 108 | 5540 | 118 | 5590 | 138 | 5690 |
| 112 | 5560 | 126 | 5630 | | |
| 116 | 5580 | 134 | 5670 | | |
| 120 | 5600 | 142 | 5710 | | |
| 124 | 5620 | | | | |
| 128 | 5640 | | | | |
| 132 | 5660 | | | | |
| 136 | 5680 | | | | |
| 140 | 5700 | | | | |
| 144 | 5720 | | | | |

| IEEE 802.11a<br>IEEE 802.11n(HT20)<br>IEEE 802.11ac(VHT20) | | IEEE 802.11n(HT40)<br>IEEE 802.11ac(VHT40) | | IEEE 802.11ac(VHT80) | |
|---|---|---|---|---|---|
| UNII-3 | | UNII-3 | | UNII-3 | |
| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 149 | 5745 | 151 | 5755 | 155 | 5775 |
| 153 | 5765 | 159 | 5795 | | |
| 157 | 5785 | | | | |
| 161 | 5805 | | | | |
| 165 | 5825 | | | | |

(3) Table for Filed Antenna:

| Ant. | Brand Name | P/N | Type | Connector | Gain (dBi) |
|---|---|---|---|---|---|
| 1 | TP-LINK CORPORATION PTE. LTD. | 3101506738 | Dipole | N/A | 3.00 |
| 2 | TP-LINK CORPORATION PTE. LTD. | 3101506739 | Dipole | N/A | 3.00 |

Note:

1) This EUT supports CDD, and all antennas have the same gain, Directional gain = $G_{ANT}$+Array Gain.
For power measurements, Array Gain=3.00dB ($N_{ANT}$≤4), so the Directional gain=3.00.
For power spectral density measurements, $N_{ANT}$=2, $N_{SS}$ = 1.
So the Directional gain=$G_{ANT}$+Array Gain=$G_{ANT}$+10log($N_{ANT}$/ $N_{SS}$)dBi=3.00+10log(2/1)dBi=6.01.
Then, the UNII-1 power spectral density limit is 17-(6.01-6)=16.99. the UNII-2A, UNII-2C power spectral density limit is 11-(6.01-6)=10.99, the UNII-3 power spectral density limit is 30-(6.01-6)=29.99.
2) Beamforming Gain: 3.00dB, so the Directional gain=3.00+3.00=6.00dB.
3) The above Antenna information are derived from the antenna data sheet provided by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

(4) Operating Mode and Antenna Configuration
For Non Beamforming:

| Operating Mode / TX Mode | 2TX |
|---|---|
| IEEE 802.11a | V (Ant. 1+Ant. 2) |
| IEEE 802.11ac (VHT20) | V (Ant. 1+Ant. 2) |
| IEEE 802.11ac (VHT40) | V (Ant. 1+Ant. 2) |
| IEEE 802.11ac (VHT80) | V (Ant. 1+Ant. 2) |

For Beamforming:

| Operating Mode / TX Mode | 2TX |
|---|---|
| IEEE 802.11ac (VHT20) | V (Ant. 1+Ant. 2) |
| IEEE 802.11ac (VHT40) | V (Ant. 1+Ant. 2) |
| IEEE 802.11ac (VHT80) | V (Ant. 1+Ant. 2) |

## 2.2 TEST MODES

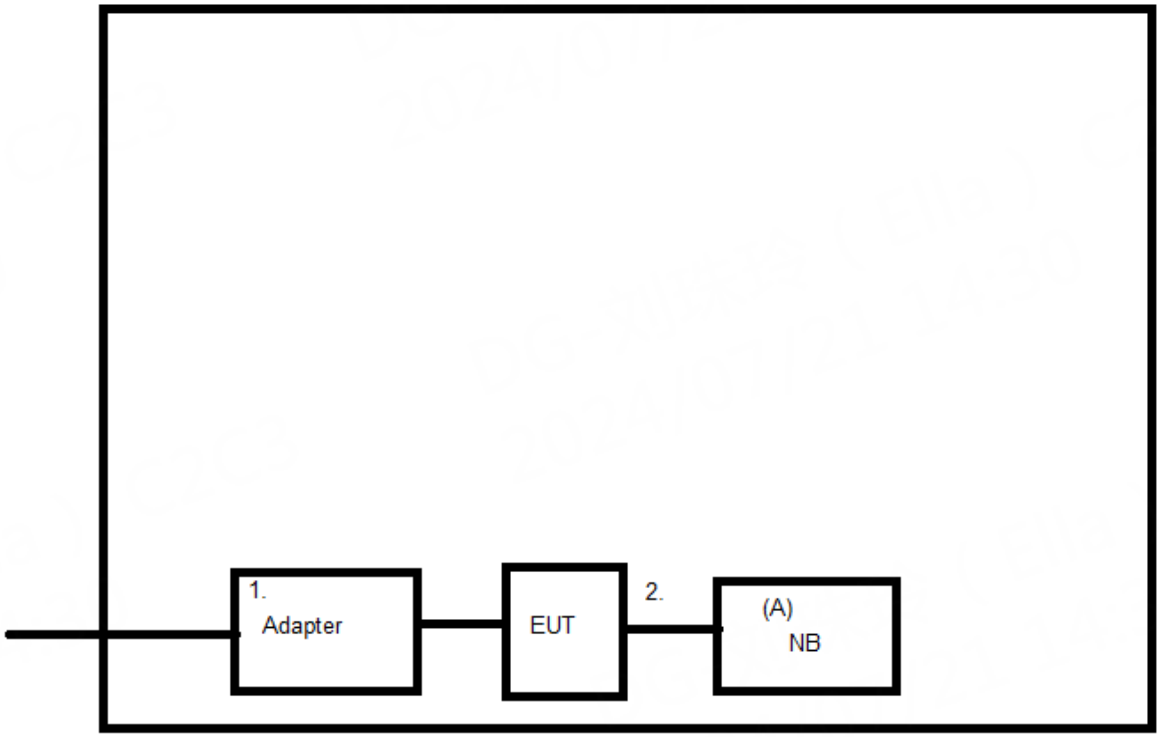
| Test Items | Test mode | Channel | Note |
|---|---|---|---|
| AC power line conducted emissions | Normal/Idle | - | - |
| Transmitter Radiated Emissions (below 1GHz) | TX Mode_IEEE 802.11ac (VHT80) | 122 | - |
| Transmitter Radiated Emissions (above 1GHz) | TX Mode_IEEE 802.11a | 36/48, 52/64<br>100/140, 149/165 | Bandedge |
| | TX Mode_IEEE 802.11ac (VHT20) | | |
| | TX Mode_IEEE 802.11ac (VHT40) | 38/46, 54/62<br>102/134, 151/159 | |
| | TX Mode_IEEE 802.11ac (VHT80) | 42, 58<br>106, 122, 155 | |
| | TX Mode_IEEE 802.11a | 36/40/48<br>52/60/64<br>100/116/140<br>149/157/165 | Harmonic |
| | TX Mode_IEEE 802.11ac (VHT20) | 36/40/48<br>52/60/64<br>100/116/140/144<br>149/157/165 | |
| | TX Mode_IEEE 802.11ac (VHT40) | 38/46, 54/62<br>102/110/134/142<br>151/159 | |
| | TX Mode_IEEE 802.11ac (VHT80) | 42, 58<br>106/122/138, 155 | |
| Bandwidth | TX Mode_IEEE 802.11a | 36/40/48<br>52/60/64<br>100/116/140<br>149/157/165 | - |
| | TX Mode_IEEE 802.11ac (VHT20) | 36/40/48<br>52/60/64<br>100/116/140<br>149/157/165 | |
| | TX Mode_IEEE 802.11ac (VHT40) | 38/46, 54/62<br>102/110/134<br>151/159 | |
| | TX Mode_IEEE 802.11ac (VHT80) | 42, 58<br>106/122/138, 155 | |
| Power Spectral Density & Output Power | TX Mode_IEEE 802.11a | 36/40/48<br>52/60/64<br>100/116/140<br>149/157/165 | - |
| | TX Mode_IEEE 802.11ac (VHT20) | 36/40/48<br>52/60/64<br>100/116/140/144<br>149/157/165 | |
| | TX Mode_IEEE 802.11ac (VHT40) | 38/46, 54/62<br>102/110/134/142<br>151/159 | |
| | TX Mode_IEEE 802.11ac (VHT80) | 42, 58<br>106/122/138, 155 | |

NOTE:
(1) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Vertical) is recorded.
(2) For radiated emission above 1 GHz test, the spurious points of 1GHz~26.5GHz and 26.5GHz~40GHz have been pre-tested and in this report only recorded the worst case. The remaining spurious points are all below the limit value of 20dB.
(3) For radiated emission Harmonic 18-40GHz test, only tested the worst case and recorded.
(4) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.
(5) VHT20/VHT40 covers HT20/HT40, due to same modulation. The power 802.11n HT20 and HT40 setting for are the same or lower than 802.11ac VHT20 and HT40.
(6) For radiated emission above 18GHz test, only tested and recorded the worst case.
(7) For radiated emission below 1 GHz test, the TX IEEE 802.11ac (VHT80) Mode Channel 122 is found to be the worst case and recorded.
(8) The measurements for Output Power are tested, the Non Beamforming and Beamforming are recorded in the report. The worst case is Non Beamforming and only the worst case is documented for other test items.

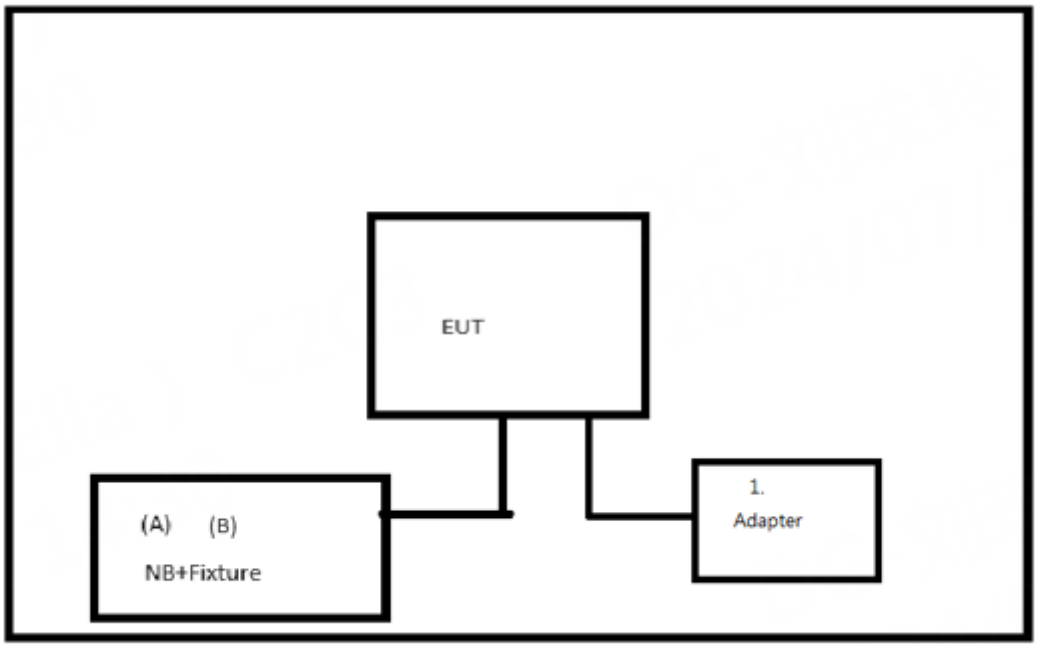
## 2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Equipment letters and Cable numbers refer to item numbers described in the tables of clause 2.4.

AC power line conducted emissions




Radiated Emissions



## 2.4 SUPPORT UNITS

AC power line conducted emissions

| Item | Equipment | Brand | Model No. | Series No. | Remarks |
|---|---|---|---|---|---|
| A | Notebook | Lenovo | ThinkBook 14 G4 IAP | MP28KHAH | Furnished by test lab. |

| Item | Shielded | Ferrite Core | Length | Cable Type | Remarks |
|---|---|---|---|---|---|
| 1 | DC cable | N | N | 1m | Supplied by test requester. |
| 2 | RJ45 cable | Y | N | 1m | Furnished by test lab. |

Radiated Emissions

| Item | Equipment | Brand | Model No. | Series No. | Remarks |
|---|---|---|---|---|---|
| A | Fixture | N/A | N/A | N/A | Furnished by test lab. |
| B | Notebook | Lenovo | ThinkBook 14 G4 IAP | MP28KHAH | Furnished by test lab. |

| Item | Shielded | Ferrite Core | Length | Cable Type | Remarks |
|---|---|---|---|---|---|
| 1 | DC cable | N | N | 1m | Supplied by test requester. |

# 3 AC POWER LINE CONDUCTED EMISSIONS TEST

## 3.1 LIMIT

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

NOTE:
(1) The tighter limit applies at the band edges.
(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.
(3) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor (if use)
Margin Level = Measurement Value – Limit Value
Calculation example:

| Reading Level (dBμV) | | Correct Factor (dB) | | Measurement Value (dBμV) |
|---|---|---|---|---|
| 38.22 | + | 3.45 | = | 41.67 |

| Measurement Value (dBμV) | | Limit Value (dBμV) | | Margin Level (dB) |
|---|---|---|---|---|
| 41.67 | - | 60 | = | -18.33 |

The following table is the setting of the receiver.

| Receiver Parameter | Setting |
|---|---|
| Attenuation | 10 dB |
| Start Frequency | 0.15 MHz |
| Stop Frequency | 30 MHz |
| IF Bandwidth | 9 KHz |

## 3.2 TEST PROCEDURE

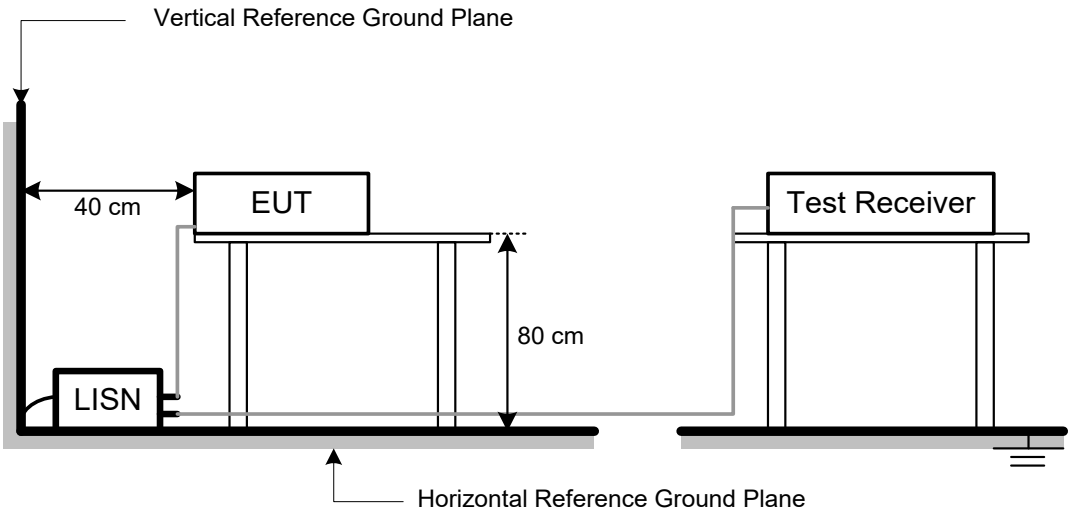
a. The EUT was placed 0.8 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
All other support equipment were powered from an additional LISN(s).
The LISN provides 50 Ohm/50uH of impedance for the measuring instrument.
b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle to keep the cable above 40 cm.
c. Excess I/O cables that are not connected to a peripheral shall be bundled in the center.
The end of the cable will be terminated, using the correct terminating impedance.
The overall length shall not exceed 1 m.
d. The LISN is spaced at least 80 cm from the nearest part of the EUT chassis.
e. For the actual test configuration, please refer to the related Item – EUT TEST PHOTO.

**NOTE:**
(1) In the results, each reading is marked as Peak, QP or AVG per the detector used.
BW=9 kHz (6 dB Bandwidth)
(2) All readings are Peak unless otherwise stated QP or AVG in column of Note. Both the QP and the AVG readings must be less than the limit for compliance.

## 3.3 DEVIATION FROM TEST STANDARD

No deviation.

### 3.4 TEST SETUP




### 3.5 TEST RESULT

Please refer to the APPENDIX A.

# 4 RADIATED EMISSIONS TEST

## 4.1 LIMIT

In case the emission fall within the restricted band specified on 15.205, then the 15.209 limit in the table below has to be followed.

LIMITS OF RADIATED EMISSIONS MEASUREMENT (9 kHz to 1000 MHz)

| Frequency (MHz) | Field Strength (microvolts/meter) | Measurement Distance (meters) |
|---|---|---|
| 0.009~0.490 | 2400/F(KHz) | 300 |
| 0.490~1.705 | 24000/F(KHz) | 30 |
| 1.705~30.0 | 30 | 30 |
| 30~88 | 100 | 3 |
| 88~216 | 150 | 3 |
| 216~960 | 200 | 3 |
| 960~1000 | 500 | 3 |

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

| Frequency (MHz) | EIRP Limit (dBm) | Equivalent Field Strength at 3m (dBμV/m) |
|---|---|---|
| 5150-5250 | -27 | 68.3 |
| 5250-5350 | -27 | 68.3 |
| 5470-5725 | -27 | 68.3 |
| 5725-5850 | -27 (NOTE 2) | 68.3 |
| | 10 (NOTE 2) | 105.3 |
| | 15.6 (NOTE 2) | 110.9 |
| | 27 (NOTE 2) | 122.3 |

NOTE:

(1) The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000\sqrt{30P}}{3}$$ μV/m, where P is the eirp (Watts)

(2) According to FCC 16-24,All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

(3) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)
Margin Level = Measurement Value - Limit Value
Calculation example:

| Reading Level (dBμV) | | Correct Factor (dB/m) | | Measurement Value (dBμV/m) |
|---|---|---|---|---|
| 36.23 | + | -11.97 | = | 24.26 |

| Measurement Value (dBμV/m) | | Limit Value (dBμV/m) | | Margin Level (dB) |
|---|---|---|---|---|
| 24.26 | - | 40 | = | -15.74 |

| Spectrum Parameter | Setting |
|---|---|
| Attenuation | Auto |
| Start Frequency | 1000 MHz |
| Stop Frequency | 10th carrier harmonic |
| RBW / VBW<br>(Emission in restricted band) | 1MHz / 3MHz for Peak,<br>1MHz / 1/T for Average |

| Spectrum Parameter | Setting |
|---|---|
| Attenuation | Auto |
| Start ~ Stop Frequency | 9KHz~90KHz for PK/AVG detector |
| Start ~ Stop Frequency | 90KHz~110KHz for QP detector |
| Start ~ Stop Frequency | 110KHz~490KHz for PK/AVG detector |
| Start ~ Stop Frequency | 490KHz~30MHz for QP detector |
| Start ~ Stop Frequency | 30MHz~1000MHz for QP detector |

### 4.2 TEST PROCEDURE

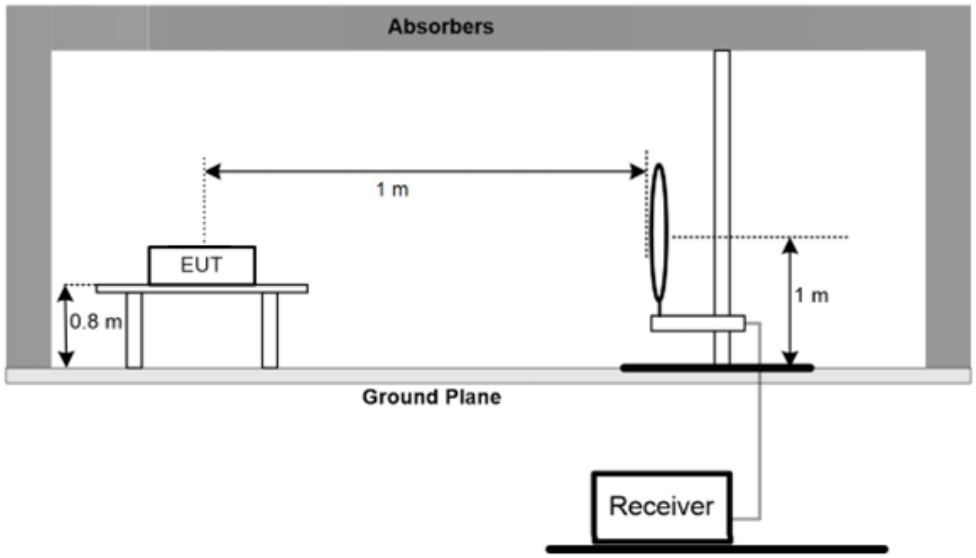
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8 m or 1.5 m, the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform. (below 1GHz)
h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform. (above 1GHz)
i. For the actual test configuration, please refer to the related Item – EUT TEST PHOTO.

### 4.3 DEVIATION FROM TEST STANDARD

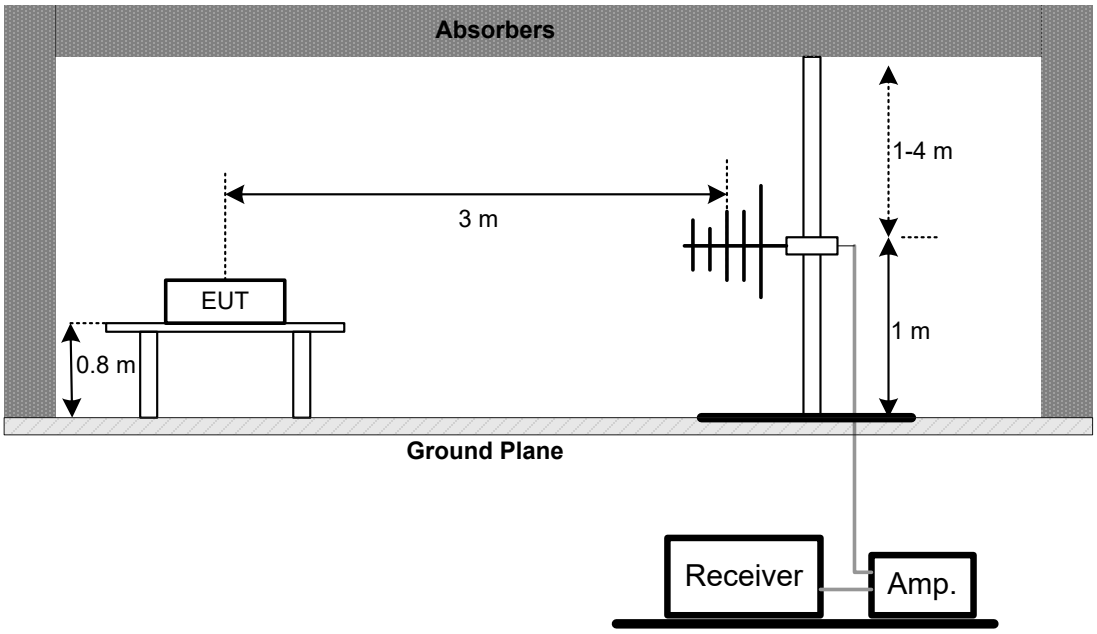
No deviation.

## 4.4 TEST SETUP

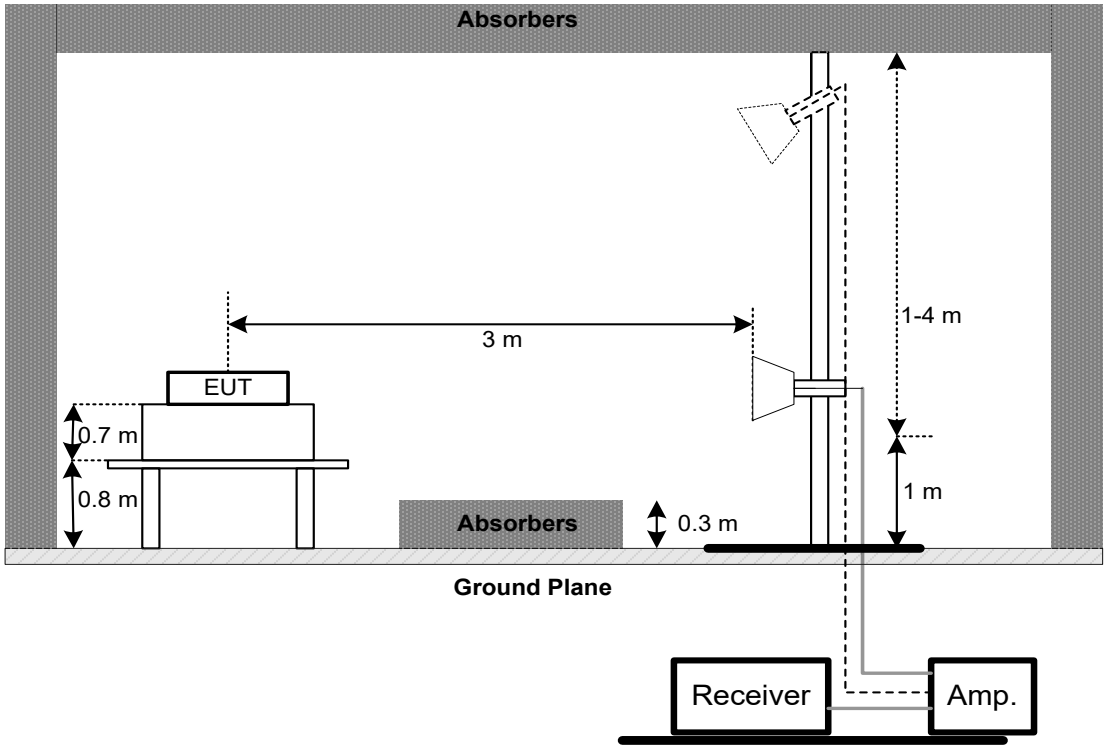
**9 kHz to 30 MHz**




**30 MHz to 1 GHz**



**Above 1 GHz**




### 4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

### 4.6 TEST RESULT – BELOW 30 MHZ

There were no emissions found below 30 MHz within 20 dB of the limit.

### 4.7 TEST RESULT – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX B.

### 4.8 TEST RESULT – ABOVE 1 GHZ

Please refer to the APPENDIX C.

NOTE:

(1) No limit: This is fundamental signal, the judgment is not applicable.
For fundamental signal judgment was referred to Peak output test.

# 5 BANDWIDTH TEST

## 5.1 LIMIT

| Section | Test Item | Frequency Range (MHz) |
|---|---|---|
| 15.407(a) | 26 dB Bandwidth | 5150-5250 |
| | | 5250-5350 |
| | | 5470-5725 |
| | Minimum 500 kHz 6 dB Bandwidth | 5725-5850 |

## 5.2 TEST PROCEDURE

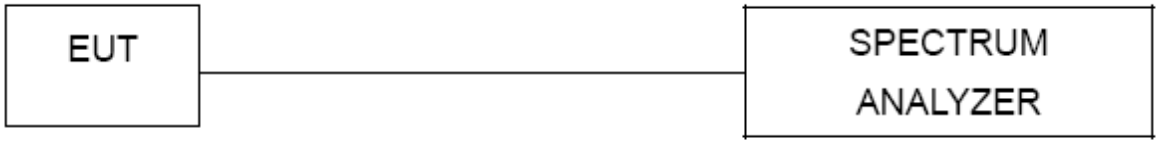
a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
b. Spectrum Setting:

| Spectrum Parameter | Setting |
|---|---|
| Span Frequency | > 26 dB Bandwidth |
| RBW | Approximately1% of the emission bandwidth |
| VBW | > RBW |

## 5.3 DEVIATION FROM TEST STANDARD

No deviation.

## 5.4 TEST SETUP




## 5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

## 5.6 TEST RESULT

Please refer to the APPENDIX D.

# 6 OUTPUT POWER TEST

## 6.1 LIMIT

| Section | Test Item | Limit | Frequency Range (MHz) |
|---|---|---|---|
| 15.407(a) | Maximum Output Power | AP device: 1 Watt (30 dBm)<br>Client device: 250 mW (23.98 dBm) | 5150-5250 |
| | | 250 mW (23.98 dBm) | 5250-5350 |
| | | 250 mW (23.98 dBm) | 5470-5725 |
| | | 1 Watt (30dBm) | 5725-5850 |
| Note: The maximum e.i.r.p at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW(21 dBm). | | | |

## 6.2 TEST PROCEDURE

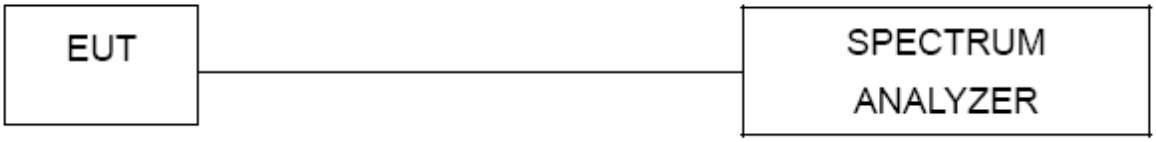
a. The EUT was directly connected to the Peak Power Analyzer and antenna output port as show in the block diagram below.

b. The maximum peak conducted output power was performed in accordance with method of clause E. 3. a) FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
a)Method PM (Measurement using an RF average power meter):
(i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the following conditions are satisfied
The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
At all times when the EUT is transmitting, it must be transmitting at its maximum power control level.
The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
(ii) If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal as described in II.B.
(iii) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.
(iv) Adjust the measurement in dBm by adding 10 log (1/x) where x is the duty cycle (e.g., 10 log (1/0.25) if the duty cycle is 25%).

## 6.3 DEVIATION FROM TEST STANDARD

No deviation.

## 6.4 TEST SETUP




## 6.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

## 6.6 TEST RESULT

Please refer to the APPENDIX E.

# 7 POWER SPECTRAL DENSITY

## 7.1 LIMIT

| Section | Test Item | Limit | Frequency Range (MHz) |
|---|---|---|---|
| 15.407(a) | Maximum Output Power | AP device: 17 dBm/MHz<br>Client device: 11 dBm/MHz | 5150-5250 |
| | | 11 dBm/MHz | 5250-5350 |
| | | 11 dBm/MHz | 5470-5725 |
| | | 30 dBm/500 kHz | 5725-5850 |
| Note: The maximum e.i.r.p at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW(21 dBm). | | | |

## 7.2 TEST PROCEDURE

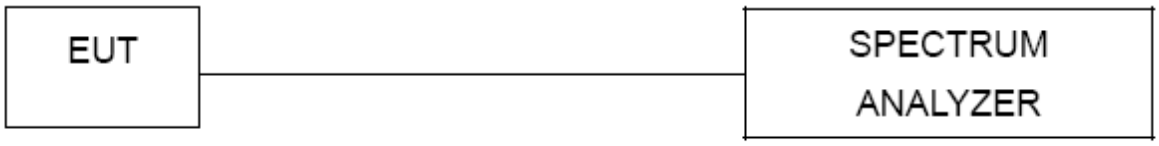
a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
b. Spectrum Setting:

| Spectrum Parameter | Setting |
|---|---|
| Attenuation | Auto |
| Span Frequency | Encompass the entire emissions bandwidth (EBW) of the signal |
| RBW | = 1 MHz |
| VBW | ≥ 3 MHz |
| Detector | RMS |
| Trace | Max Hold |
| Sweep Time | Auto |

## 7.3 DEVIATION FROM TEST STANDARD

No deviation.

## 7.4 TEST SETUP




## 7.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

## 7.6 TEST RESULT

Please refer to the APPENDIX G.

# 8 LIST OF MEASURING EQUIPMENTS

| AC Power Line Conducted Emissions | | | | | | |
|---|---|---|---|---|---|---|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated Date | Calibrated Until |
| 1 | Two-Line V-Network | R&S | ENV216 | 101051 | 2023/7/21 | 2024/7/20 |
| 2 | Test Cable | EMCI | EMCRG58-BM-BM-9000 | 210501 | 2023/12/11 | 2024/12/10 |
| 3 | EXA Spectrum Analyzer | keysight | N9038A | MY54130009 | 2023/6/26 | 2024/6/25 |
| 4 | Measurement Software | Farad | EZ_EMC (Ver. NB-03A1-01) | N/A | N/A | N/A |

| Radiated Emissions | | | | | | |
|---|---|---|---|---|---|---|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated Date | Calibrated Until |
| 1 | Preamplifier | EMCI | EMC330N | 980850 | 2023/9/6 | 2024/9/5 |
| 2 | Preamplifier | EMCI | EMC118A45SE | 980819 | 2024/3/6 | 2025/3/5 |
| 3 | Pre-Amplifier | EMCI | EMC184045SE | 980907 | 2023/9/21 | 2024/9/20 |
| 4 | Preamplifier | EMCI | EMC001340 | 980579 | 2023/9/6 | 2024/9/5 |
| 5 | Test Cable | EMCI | EMC104-SM-1000 | 180809 | 2024/3/8 | 2025/3/7 |
| 6 | Test Cable | EMCI | EMC104-SM-SM-3000 | 220322 | 2024/3/8 | 2025/3/7 |
| 7 | Test Cable | EMCI | EMC104-SM-SM-7000 | 220324 | 2024/3/8 | 2025/3/7 |
| 8 | EXA Signal Analyzer | keysight | N9020B | MY57120120 | 2024/2/23 | 2025/2/22 |
| 9 | Loop Ant | Electro-Metrics | EMCI-LPA600 | 291 | 2023/9/12 | 2024/9/11 |
| 10 | Horn Antenna | RFSPIN | DRH18-E | 211202A18EN | 2024/5/9 | 2025/5/8 |
| 11 | Horn Ant | Schwarzbeck | BBHA 9170 | 1136 | 2023/6/28 | 2024/6/27 |
| 12 | TRILOG Broadband Antenna | Schwarzbeck | VULB9168 | 1371 | 2023/8/8 | 2024/8/7 |
| 13 | 6dB Attenuator | EMCI | EMCI-N-6-06 | AT-N0625 | 2023/8/8 | 2024/8/7 |
| 14 | Test Cable | EMCI | EMC101G-KM-KM-3000 | 220329 | 2024/3/13 | 2025/3/12 |
| 15 | Test Cable | EMCI | EMC102-KM-KM-1000 | 220327 | 2024/3/13 | 2025/3/12 |
| 16 | Horn Antenna | RFSPIN | DRH18-E | 211202A18EN | 2024/5/9 | 2025/5/8 |
| 17 | Measurement Software | EZ | EZ_EMC (Version NB-03A1-01) | N/A | N/A | N/A |

| Bandwidth | | | | | | |
|---|---|---|---|---|---|---|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated Date | Calibrated Until |
| 1 | Spectrum Analyzer | R&S | FSP 30 | 100854 | 2023/6/26 | 2024/6/25 |
| 2 | BTL-Conducted Test | N/A | 1247788684 | N/A | N/A | N/A |

| Output Power | | | | | | |
|---|---|---|---|---|---|---|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated Date | Calibrated Until |
| 1 | Spectrum Analyzer | R&S | FSP 30 | 100854 | 2023/6/26 | 2024/6/25 |
| 2 | BTL-Conducted Test | N/A | 1247788684 | N/A | N/A | N/A |

| Power Spectral Density | | | | | | |
|---|---|---|---|---|---|---|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated Date | Calibrated Until |
| 1 | Spectrum Analyzer | R&S | FSP 30 | 100854 | 2023/6/26 | 2024/6/25 |
| 2 | BTL-Conducted Test | N/A | 1247788684 | N/A | N/A | N/A |

Remark: “N/A” denotes no model name, no serial no. or no calibration specified.
All calibration period of equipment list is one year.

## 9 EUT TEST PHOTO

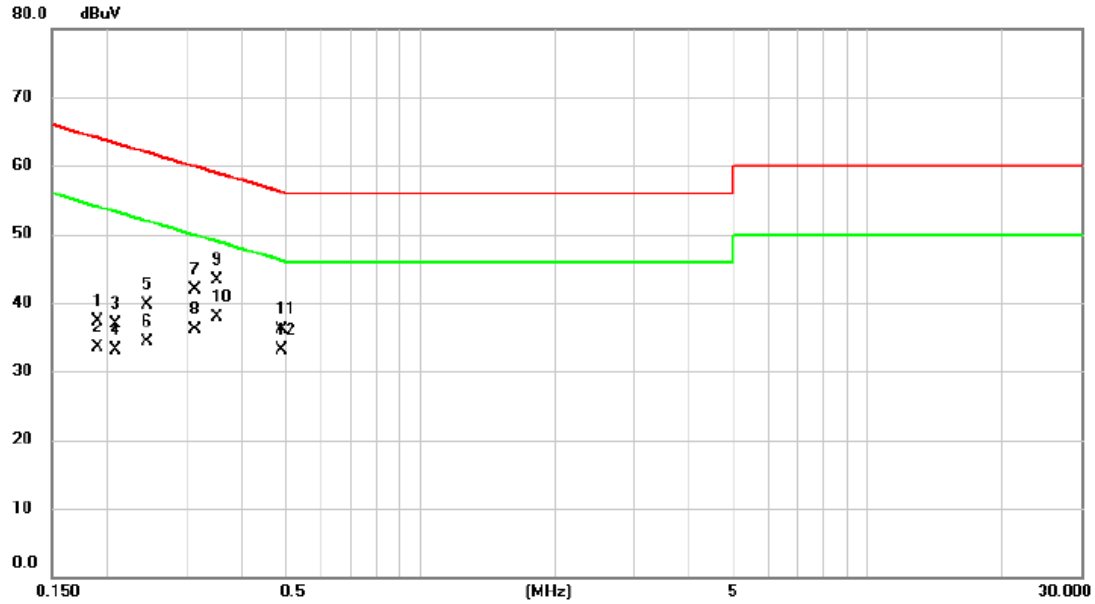
Please refer to document Appendix No.: TP-2404G123-1 (APPENDIX-TEST PHOTOS).

## 10 EUT PHOTOS

Please refer to document Appendix No.: EP-2404G123-1 (APPENDIX-EUT PHOTOS).

# APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

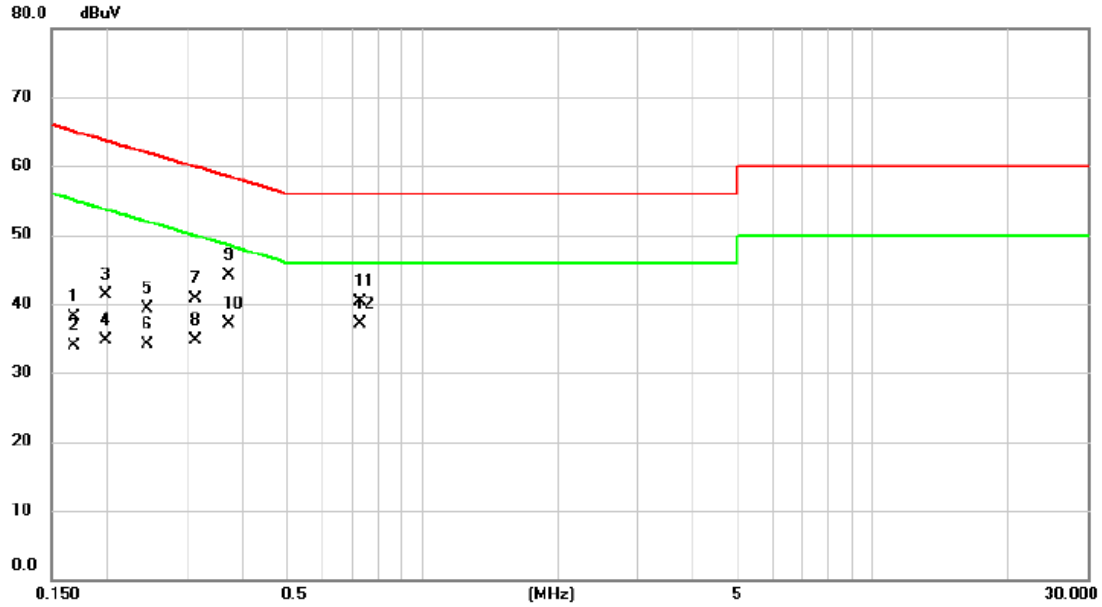
| Test Mode | Normal | Tested Date | 2024/6/3 |
|---|---|---|---|
| Test Frequency | - | Phase | Line |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV | dBuV | dB | Detector | Comment |
| 1 | | 0.1900 | 27.76 | 9.64 | 37.40 | 64.04 | -26.64 | QP | |
| 2 | | 0.1900 | 23.77 | 9.64 | 33.41 | 54.04 | -20.63 | AVG | |
| 3 | | 0.2081 | 27.22 | 9.64 | 36.86 | 63.28 | -26.42 | QP | |
| 4 | | 0.2081 | 23.56 | 9.64 | 33.20 | 53.28 | -20.08 | AVG | |
| 5 | | 0.2452 | 30.00 | 9.64 | 39.64 | 61.92 | -22.28 | QP | |
| 6 | | 0.2452 | 24.63 | 9.64 | 34.27 | 51.92 | -17.65 | AVG | |
| 7 | | 0.3138 | 32.32 | 9.65 | 41.97 | 59.87 | -17.90 | QP | |
| 8 | | 0.3138 | 26.40 | 9.65 | 36.05 | 49.87 | -13.82 | AVG | |
| 9 | | 0.3513 | 33.66 | 9.65 | 43.31 | 58.93 | -15.62 | QP | |
| 10 | * | 0.3513 | 28.21 | 9.65 | 37.86 | 48.93 | -11.07 | AVG | |
| 11 | | 0.4888 | 26.46 | 9.66 | 36.12 | 56.19 | -20.07 | QP | |
| 12 | | 0.4888 | 23.41 | 9.66 | 33.07 | 46.19 | -13.12 | AVG | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

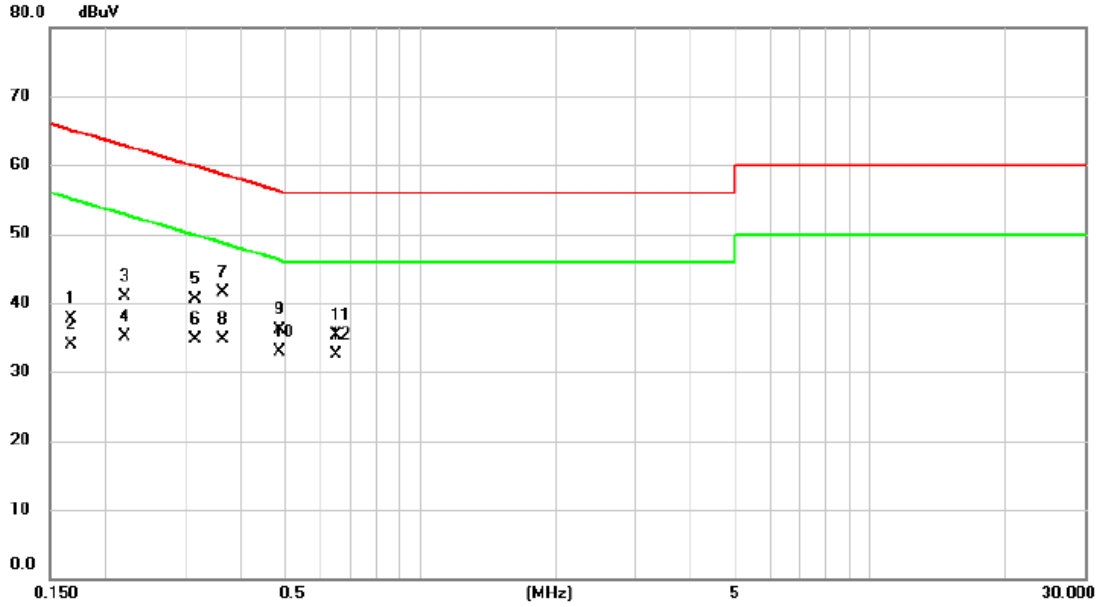
| Test Mode | Normal | Tested Date | 2024/6/3 |
|---|---|---|---|
| Test Frequency | - | Phase | Neutral |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV | dBuV | dB | Detector | Comment |
| 1 | | 0.1685 | 28.51 | 9.63 | 38.14 | 65.03 | -26.89 | QP | |
| 2 | | 0.1685 | 24.31 | 9.63 | 33.94 | 55.03 | -21.09 | AVG | |
| 3 | | 0.1980 | 31.77 | 9.63 | 41.40 | 63.69 | -22.29 | QP | |
| 4 | | 0.1980 | 25.04 | 9.63 | 34.67 | 53.69 | -19.02 | AVG | |
| 5 | | 0.2452 | 29.66 | 9.63 | 39.29 | 61.92 | -22.63 | QP | |
| 6 | | 0.2452 | 24.53 | 9.63 | 34.16 | 51.92 | -17.76 | AVG | |
| 7 | | 0.3141 | 31.17 | 9.63 | 40.80 | 59.86 | -19.06 | QP | |
| 8 | | 0.3141 | 25.16 | 9.63 | 34.79 | 49.86 | -15.07 | AVG | |
| 9 | | 0.3710 | 34.50 | 9.63 | 44.13 | 58.48 | -14.35 | QP | |
| 10 | | 0.3710 | 27.41 | 9.63 | 37.04 | 48.48 | -11.44 | AVG | |
| 11 | | 0.7295 | 30.57 | 9.67 | 40.24 | 56.00 | -15.76 | QP | |
| 12 | * | 0.7295 | 27.51 | 9.67 | 37.18 | 46.00 | -8.82 | AVG | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

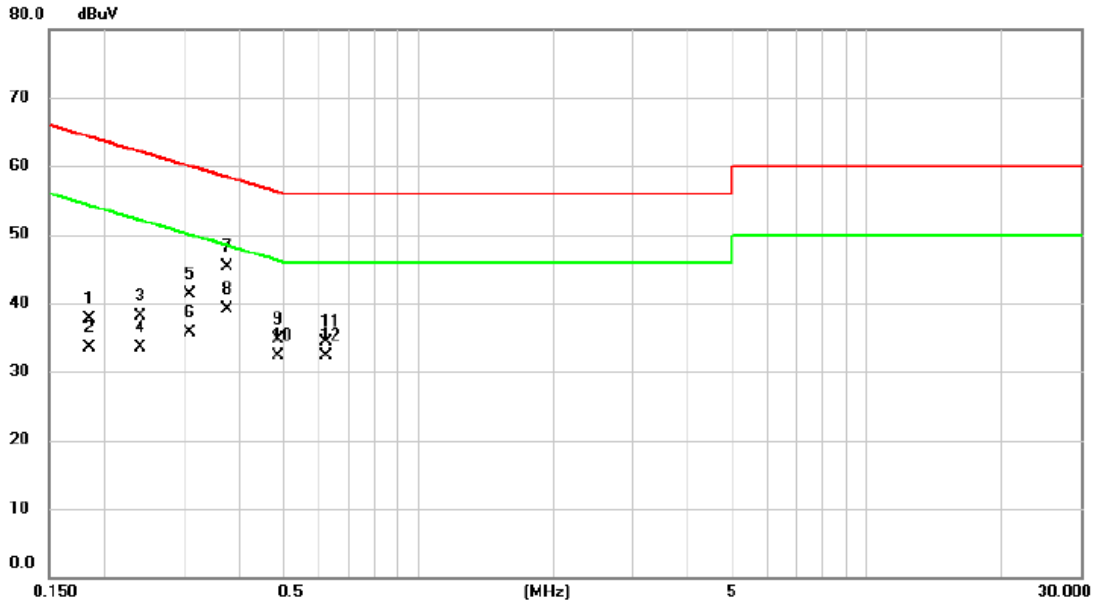
| Test Mode | Idle | Tested Date | 2024/6/3 |
|---|---|---|---|
| Test Frequency | - | Phase | Line |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV | dBuV | dB | Detector | Comment |
| 1 | | 0.1671 | 28.10 | 9.65 | 37.75 | 65.10 | -27.35 | QP | |
| 2 | | 0.1671 | 24.18 | 9.65 | 33.83 | 55.10 | -21.27 | AVG | |
| 3 | | 0.2200 | 31.18 | 9.64 | 40.82 | 62.82 | -22.00 | QP | |
| 4 | | 0.2200 | 25.41 | 9.64 | 35.05 | 52.82 | -17.77 | AVG | |
| 5 | | 0.3160 | 30.81 | 9.65 | 40.46 | 59.81 | -19.35 | QP | |
| 6 | | 0.3160 | 25.01 | 9.65 | 34.66 | 49.81 | -15.15 | AVG | |
| 7 | | 0.3635 | 31.77 | 9.65 | 41.42 | 58.65 | -17.23 | QP | |
| 8 | | 0.3635 | 25.02 | 9.65 | 34.67 | 48.65 | -13.98 | AVG | |
| 9 | | 0.4860 | 26.48 | 9.66 | 36.14 | 56.24 | -20.10 | QP | |
| 10 | * | 0.4860 | 23.15 | 9.66 | 32.81 | 46.24 | -13.43 | AVG | |
| 11 | | 0.6485 | 25.54 | 9.67 | 35.21 | 56.00 | -20.79 | QP | |
| 12 | | 0.6485 | 22.87 | 9.67 | 32.54 | 46.00 | -13.46 | AVG | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

| Test Mode | Idle | Tested Date | 2024/6/3 |
|---|---|---|---|
| Test Frequency | - | Phase | Neutral |

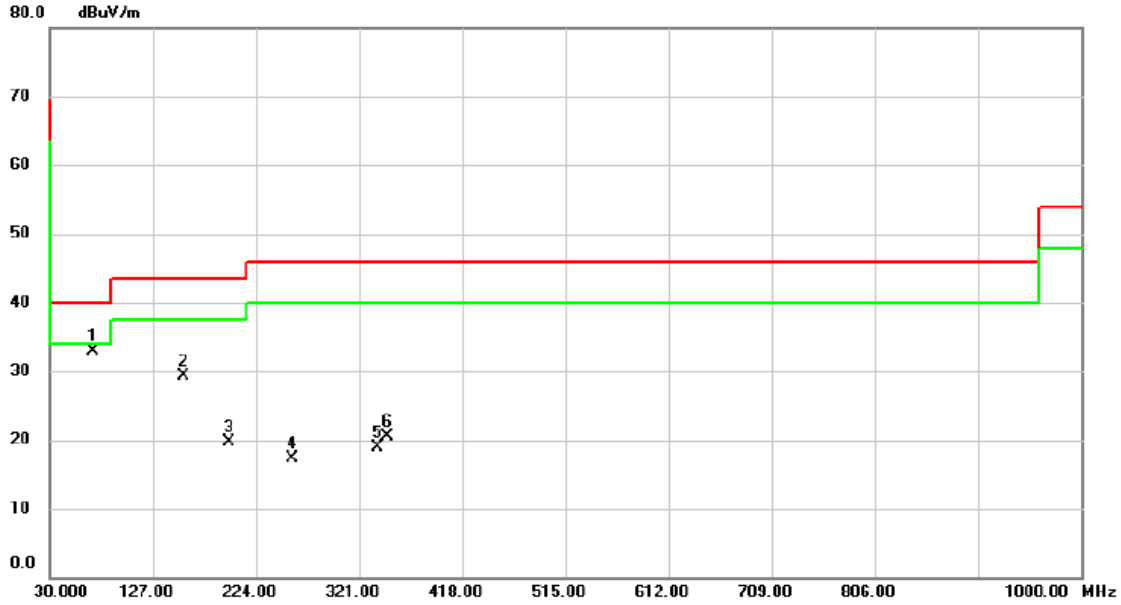



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV | dBuV | dB | Detector | Comment |
| 1 | | 0.1853 | 28.08 | 9.63 | 37.71 | 64.24 | -26.53 | QP | |
| 2 | | 0.1853 | 23.93 | 9.63 | 33.56 | 54.24 | -20.68 | AVG | |
| 3 | | 0.2396 | 28.49 | 9.63 | 38.12 | 62.11 | -23.99 | QP | |
| 4 | | 0.2396 | 23.88 | 9.63 | 33.51 | 52.11 | -18.60 | AVG | |
| 5 | | 0.3103 | 31.73 | 9.63 | 41.36 | 59.96 | -18.60 | QP | |
| 6 | | 0.3103 | 25.98 | 9.63 | 35.61 | 49.96 | -14.35 | AVG | |
| 7 | | 0.3737 | 35.77 | 9.63 | 45.40 | 58.42 | -13.02 | QP | |
| 8 | * | 0.3737 | 29.54 | 9.63 | 39.17 | 48.42 | -9.25 | AVG | |
| 9 | | 0.4857 | 24.98 | 9.64 | 34.62 | 56.24 | -21.62 | QP | |
| 10 | | 0.4857 | 22.75 | 9.64 | 32.39 | 46.24 | -13.85 | AVG | |
| 11 | | 0.6215 | 24.56 | 9.65 | 34.21 | 56.00 | -21.79 | QP | |
| 12 | | 0.6215 | 22.70 | 9.65 | 32.35 | 46.00 | -13.65 | AVG | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

# APPENDIX B RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

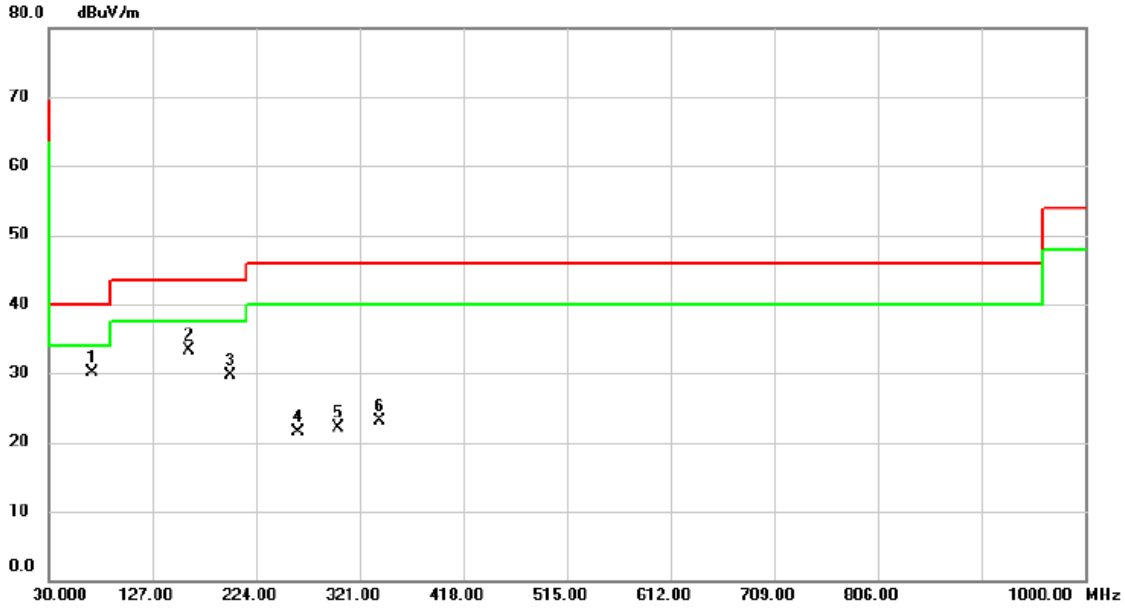
| Test Mode | IEEE 802.11ac (VHT80) | Test Date | 2024/6/20 |
|---|---|---|---|
| Test Frequency | 5610MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 70.7400 | 46.68 | -13.83 | 32.85 | 40.00 | -7.15 | peak | 100 | 286 | |
| 2 | | 156.1000 | 40.37 | -11.08 | 29.29 | 43.50 | -14.21 | peak | 100 | 326 | |
| 3 | | 198.7800 | 33.81 | -14.17 | 19.64 | 43.50 | -23.86 | peak | 100 | 330 | |
| 4 | | 257.9500 | 29.14 | -11.76 | 17.38 | 46.00 | -28.62 | peak | 200 | 360 | |
| 5 | | 338.4600 | 28.07 | -9.23 | 18.84 | 46.00 | -27.16 | peak | 100 | 242 | |
| 6 | | 347.1900 | 29.52 | -9.00 | 20.52 | 46.00 | -25.48 | peak | 100 | 224 | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

| Test Mode | IEEE 802.11ac (VHT80) | Test Date | 2024/6/20 |
|---|---|---|---|
| Test Frequency | 5610MHz | Polarization | Horizontal |

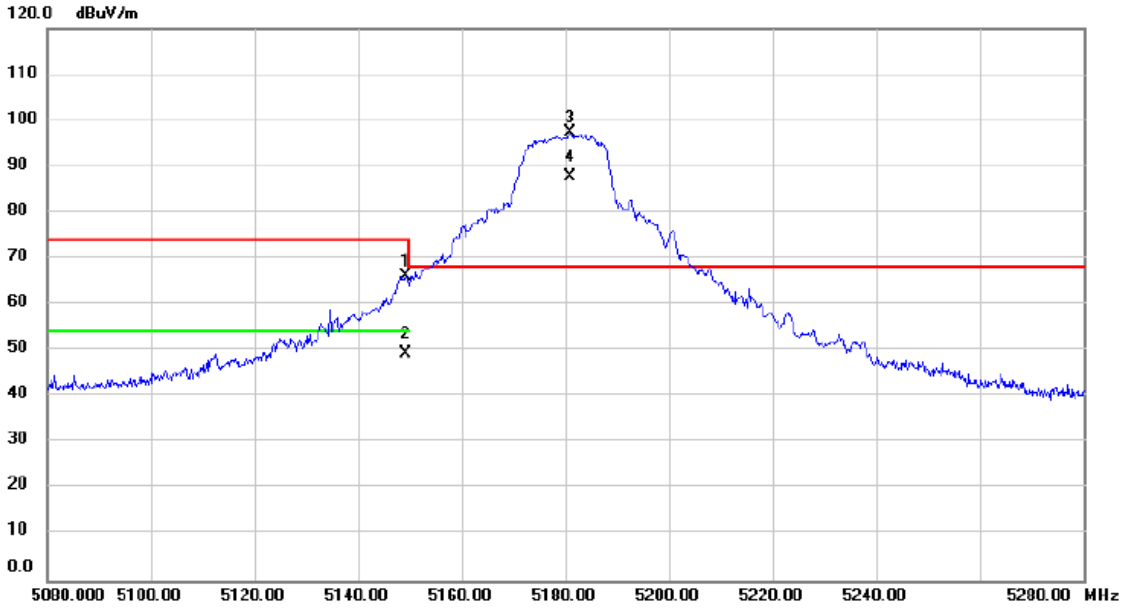



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 70.7400 | 43.88 | -13.83 | 30.05 | 40.00 | -9.95 | peak | 200 | 179 | |
| 2 | | 160.9500 | 44.40 | -11.12 | 33.28 | 43.50 | -10.22 | peak | 200 | 212 | |
| 3 | | 199.7500 | 43.95 | -14.22 | 29.73 | 43.50 | -13.77 | peak | 100 | 305 | |
| 4 | | 263.7700 | 32.96 | -11.54 | 21.42 | 46.00 | -24.58 | peak | 100 | 334 | |
| 5 | | 300.6300 | 32.37 | -10.24 | 22.13 | 46.00 | -23.87 | peak | 100 | 360 | |
| 6 | | 339.4300 | 32.39 | -9.20 | 23.19 | 46.00 | -22.81 | peak | 100 | 126 | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

# APPENDIX C RADIATED EMISSIONS - ABOVE 1 GHZ

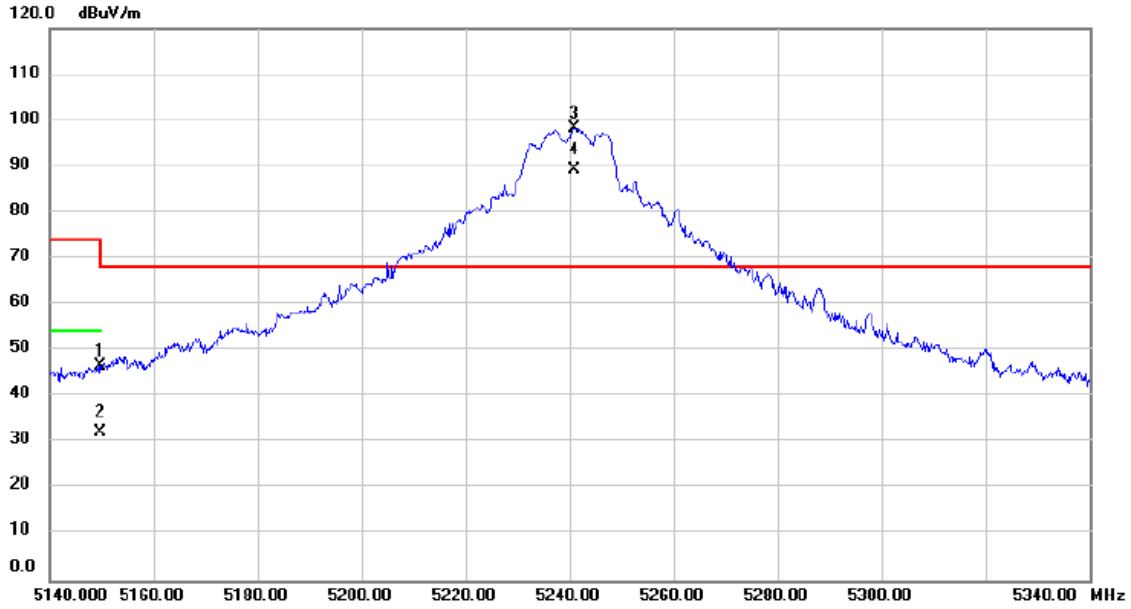
| Test Mode | IEEE 802.11a | Test Date | 2024/6/21 |
|---|---|---|---|
| Test Frequency | 5180MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 5149.200 | 64.26 | 1.93 | 66.19 | 74.00 | -7.81 | peak | | | |
| 2 | | 5149.200 | 47.41 | 1.93 | 49.34 | 54.00 | -4.66 | AVG | | | |
| 3 | * | 5181.000 | 95.38 | 1.94 | 97.32 | 68.20 | 29.12 | peak | | | No Limit |
| 4 | X | 5181.000 | 85.70 | 1.94 | 87.64 | 68.20 | 19.44 | AVG | | | No Limit |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

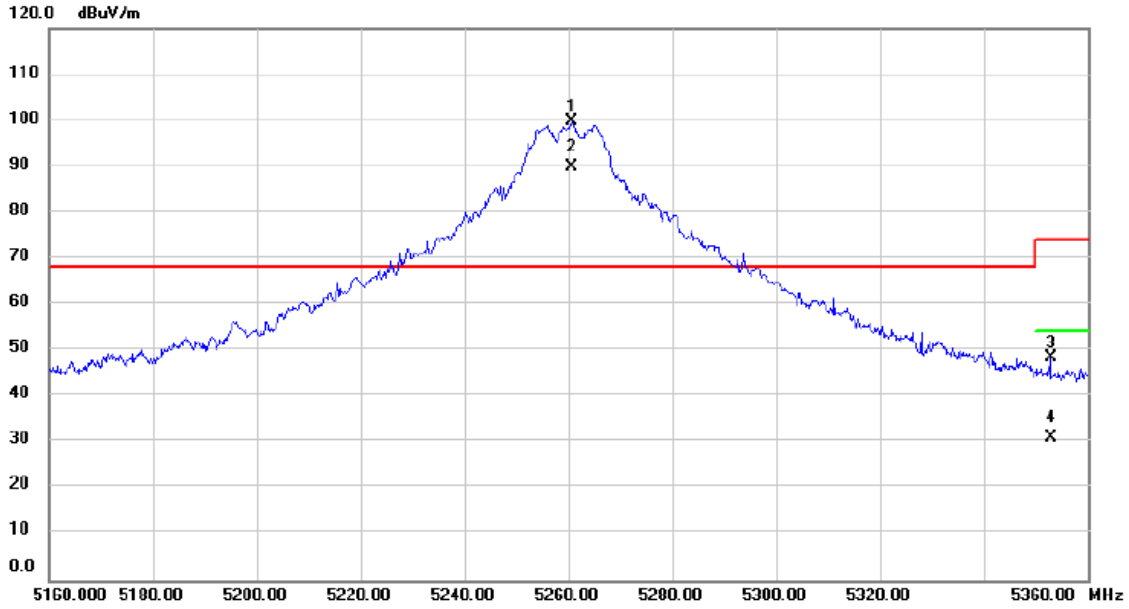
| Test Mode | IEEE 802.11a | Test Date | 2024/6/21 |
|---|---|---|---|
| Test Frequency | 5240MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 5149.600 | 44.70 | 1.93 | 46.63 | 74.00 | -27.37 | peak | | | |
| 2 | | 5149.600 | 30.45 | 1.93 | 32.38 | 54.00 | -21.62 | AVG | | | |
| 3 | * | 5241.000 | 96.41 | 1.97 | 98.38 | 68.20 | 30.18 | peak | | | No Limit |
| 4 | X | 5241.000 | 87.21 | 1.97 | 89.18 | 68.20 | 20.98 | AVG | | | No Limit |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

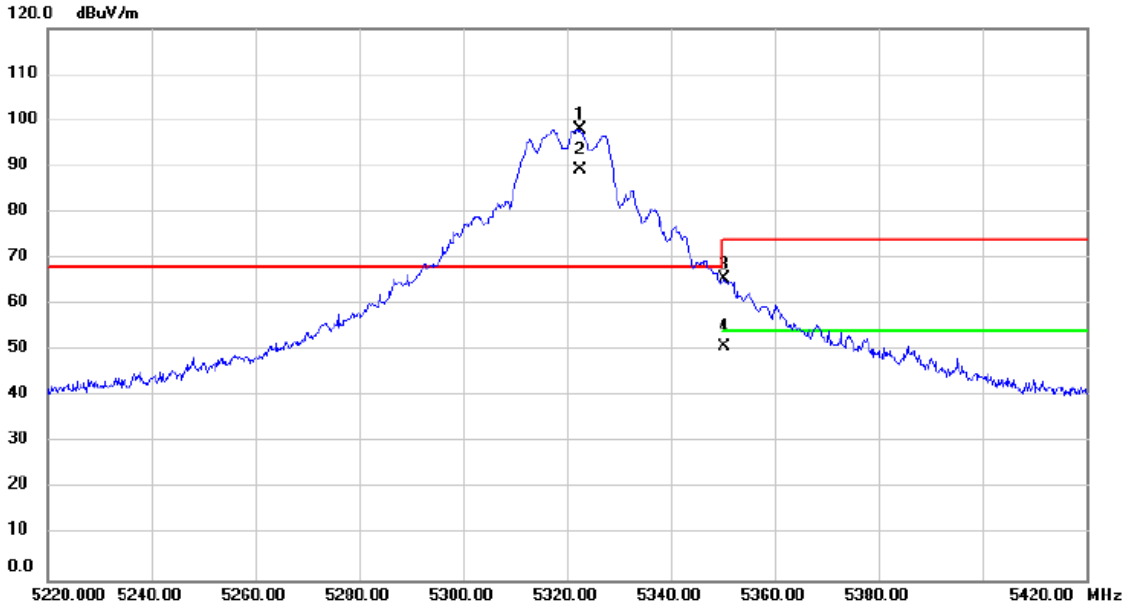
| Test Mode | IEEE 802.11a | Test Date | 2024/6/21 |
|---|---|---|---|
| Test Frequency | 5260MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 5260.600 | 97.68 | 1.98 | 99.66 | 68.20 | 31.46 | peak | | | No Limit |
| 2 | X | 5260.600 | 87.83 | 1.98 | 89.81 | 68.20 | 21.61 | AVG | | | No Limit |
| 3 | | 5352.800 | 46.42 | 2.01 | 48.43 | 74.00 | -25.57 | peak | | | |
| 4 | | 5352.800 | 28.95 | 2.01 | 30.96 | 54.00 | -23.04 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

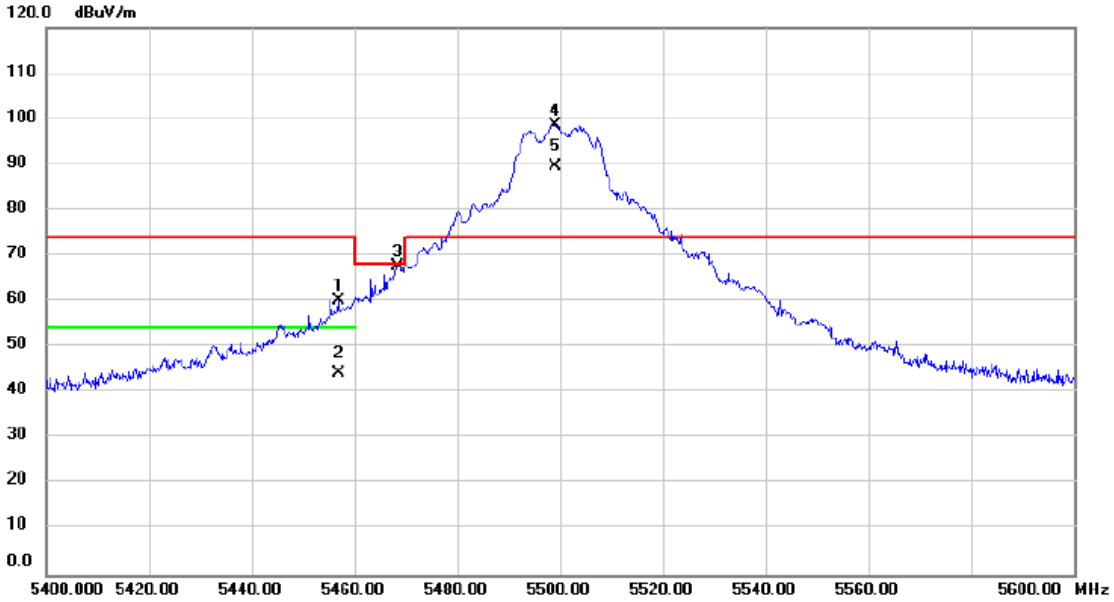
| Test Mode | IEEE 802.11a | Test Date | 2024/6/21 |
|---|---|---|---|
| Test Frequency | 5320MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 5322.600 | 95.89 | 2.00 | 97.89 | 68.20 | 29.69 | peak | | | No Limit |
| 2 | X | 5322.600 | 87.17 | 2.00 | 89.17 | 68.20 | 20.97 | AVG | | | No Limit |
| 3 | | 5350.400 | 63.44 | 2.01 | 65.45 | 74.00 | -8.55 | peak | | | |
| 4 | | 5350.400 | 48.70 | 2.01 | 50.71 | 54.00 | -3.29 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

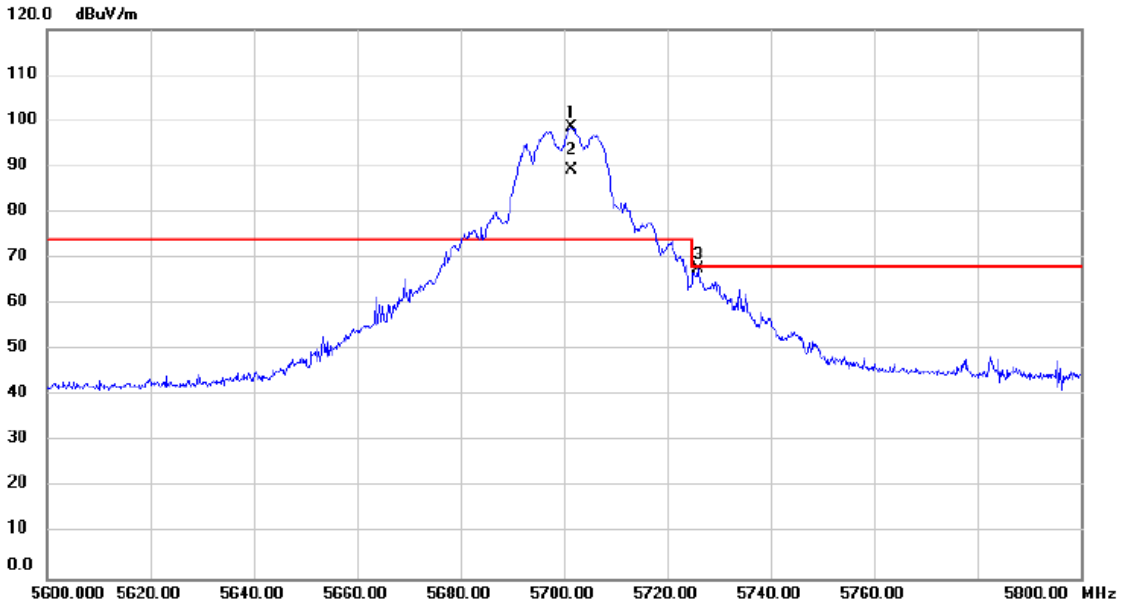
| Test Mode | IEEE 802.11a | Test Date | 2024/6/21 |
|---|---|---|---|
| Test Frequency | 5500MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 5456.800 | 58.16 | 2.05 | 60.21 | 74.00 | -13.79 | peak | | | |
| 2 | | 5456.800 | 42.14 | 2.05 | 44.19 | 54.00 | -9.81 | AVG | | | |
| 3 | | 5468.400 | 65.70 | 2.05 | 67.75 | 68.20 | -0.45 | peak | | | |
| 4 | * | 5499.200 | 96.50 | 2.07 | 98.57 | 74.00 | 24.57 | peak | | | No Limit |
| 5 | X | 5499.200 | 87.62 | 2.07 | 89.69 | 74.00 | 15.69 | AVG | | | No Limit |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

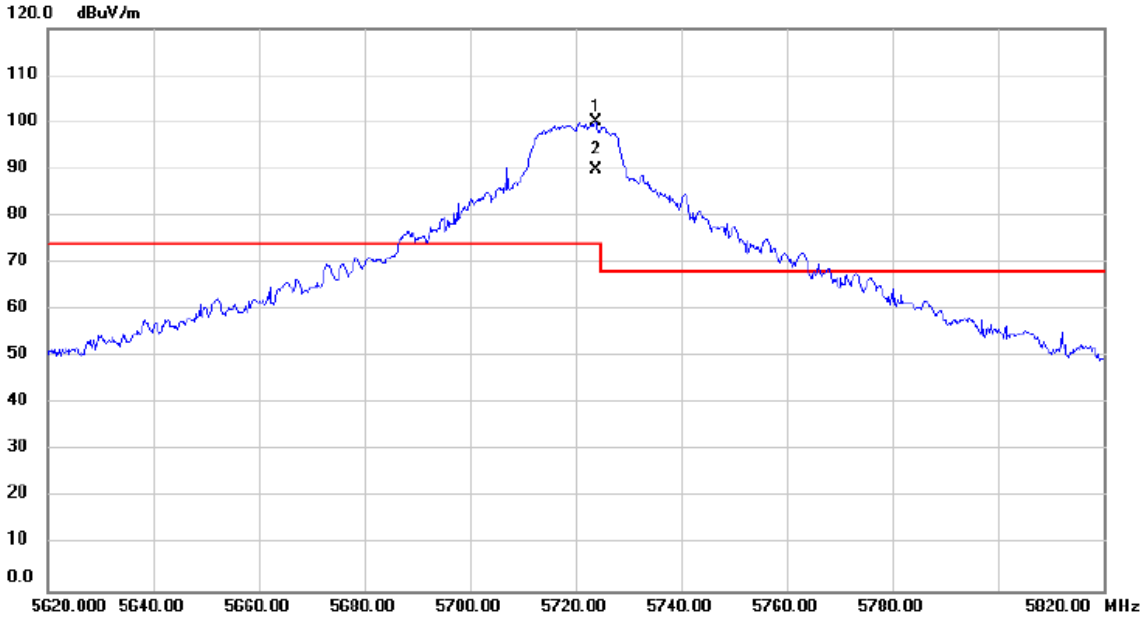
| Test Mode | IEEE 802.11a | Test Date | 2024/6/21 |
|---|---|---|---|
| Test Frequency | 5700MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 5701.400 | 96.27 | 2.39 | 98.66 | 74.00 | 24.66 | peak | | | No Limit |
| 2 | X | 5701.400 | 86.91 | 2.39 | 89.30 | 74.00 | 15.30 | AVG | | | No Limit |
| 3 | | 5726.000 | 65.26 | 2.42 | 67.68 | 68.20 | -0.52 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

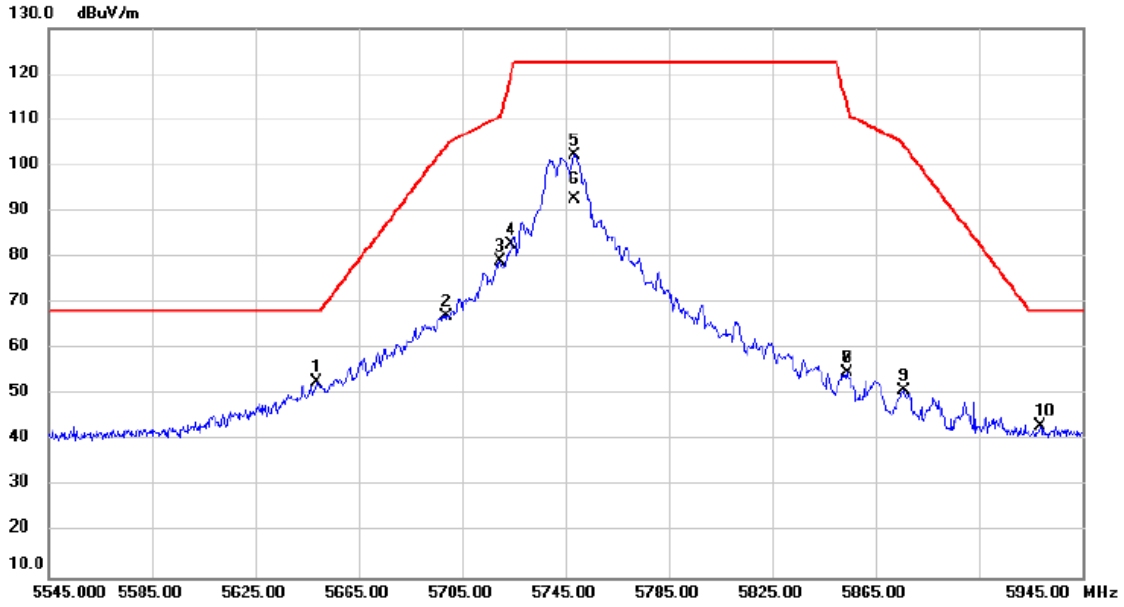
| Test Mode | IEEE 802.11a | Test Date | 2024/7/19 |
|---|---|---|---|
| Test Frequency | 5720Hz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 5723.800 | 97.49 | 2.42 | 99.91 | 74.00 | 25.91 | peak | | | No Limit |
| 2 | X | 5723.800 | 87.32 | 2.42 | 89.74 | 74.00 | 15.74 | AVG | | | No Limit |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

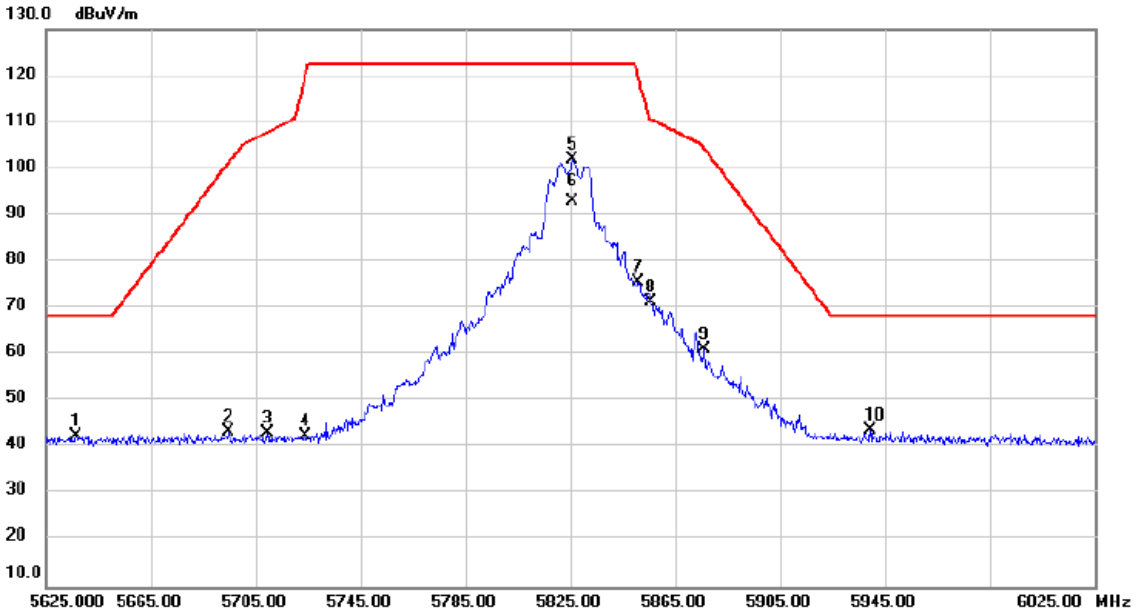
| Test Mode | IEEE 802.11a | Test Date | 2024/6/21 |
|---|---|---|---|
| Test Frequency | 5745MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 5648.600 | 50.46 | 2.30 | 52.76 | 68.20 | -15.44 | peak | | | |
| 2 | | 5699.000 | 64.84 | 2.39 | 67.23 | 104.46 | -37.23 | peak | | | |
| 3 | | 5719.800 | 76.68 | 2.41 | 79.09 | 110.74 | -31.65 | peak | | | |
| 4 | | 5724.200 | 80.19 | 2.42 | 82.61 | 120.38 | -37.77 | peak | | | |
| 5 | | 5748.600 | 99.78 | 2.46 | 102.24 | 122.20 | -19.96 | peak | | | No Limit |
| 6 | | 5748.600 | 90.27 | 2.46 | 92.73 | 122.20 | -29.47 | AVG | | | No Limit |
| 7 | | 5853.800 | 52.14 | 2.62 | 54.76 | 113.54 | -58.78 | peak | | | |
| 8 | | 5853.800 | 52.14 | 2.62 | 54.76 | 113.54 | -58.78 | peak | | | |
| 9 | | 5875.800 | 48.16 | 2.66 | 50.82 | 104.61 | -53.79 | peak | | | |
| 10 | | 5928.600 | 40.45 | 2.73 | 43.18 | 68.20 | -25.02 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

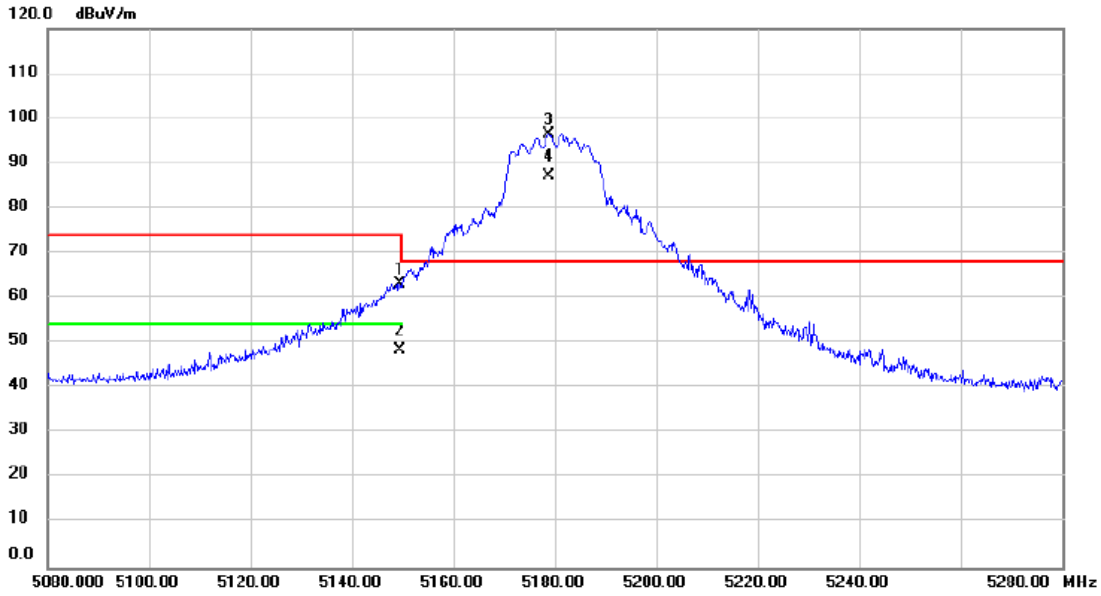
| Test Mode | IEEE 802.11a | Test Date | 2024/6/21 |
|---|---|---|---|
| Test Frequency | 5825MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 5636.600 | 40.40 | 2.28 | 42.68 | 68.20 | -25.52 | peak | | | |
| 2 | | 5694.600 | 41.17 | 2.37 | 43.54 | 101.22 | -57.68 | peak | | | |
| 3 | | 5709.400 | 40.80 | 2.39 | 43.19 | 107.83 | -64.64 | peak | | | |
| 4 | | 5723.800 | 40.10 | 2.42 | 42.52 | 119.46 | -76.94 | peak | | | |
| 5 | * | 5825.800 | 99.33 | 2.58 | 101.91 | 122.20 | -20.29 | peak | | | No Limit |
| 6 | | 5825.800 | 90.23 | 2.58 | 92.81 | 122.20 | -29.39 | AVG | | | No Limit |
| 7 | | 5851.000 | 72.96 | 2.62 | 75.58 | 119.92 | -44.34 | peak | | | |
| 8 | | 5855.800 | 68.72 | 2.63 | 71.35 | 110.58 | -39.23 | peak | | | |
| 9 | | 5876.200 | 58.62 | 2.66 | 61.28 | 104.31 | -43.03 | peak | | | |
| 10 | | 5939.400 | 41.02 | 2.76 | 43.78 | 68.20 | -24.42 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

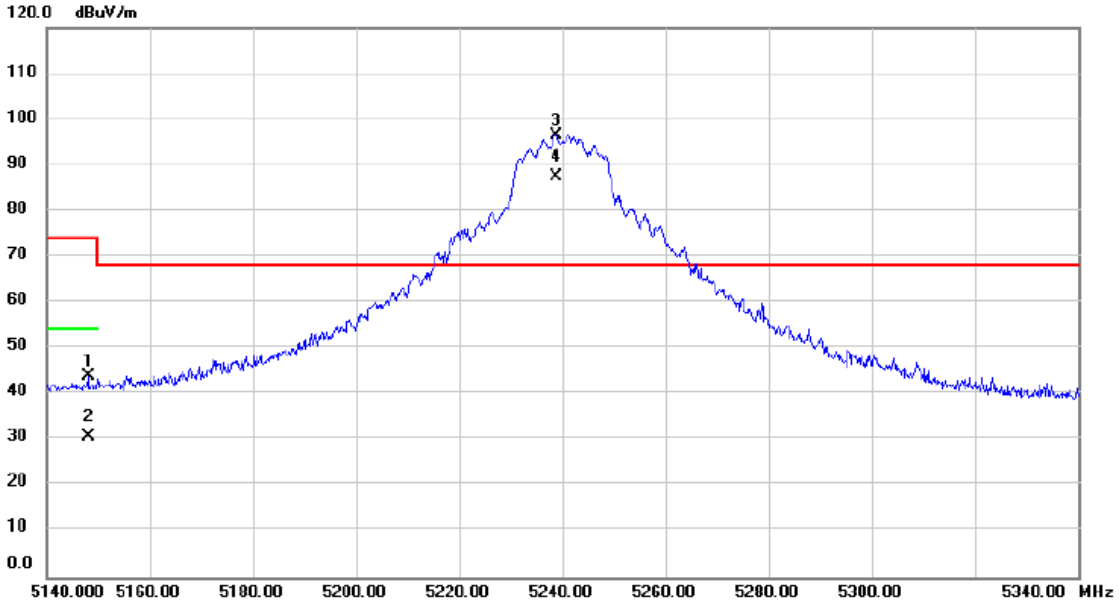
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/21 |
|---|---|---|---|
| Test Frequency | 5180MHz | Polarization | 58 |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 5149.400 | 61.36 | 1.93 | 63.29 | 74.00 | -10.71 | peak | | | |
| 2 | | 5149.400 | 46.43 | 1.93 | 48.36 | 54.00 | -5.64 | AVG | | | |
| 3 | * | 5178.800 | 94.41 | 1.94 | 96.35 | 68.20 | 28.15 | peak | | | No Limit |
| 4 | X | 5178.800 | 85.12 | 1.94 | 87.06 | 68.20 | 18.86 | AVG | | | No Limit |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

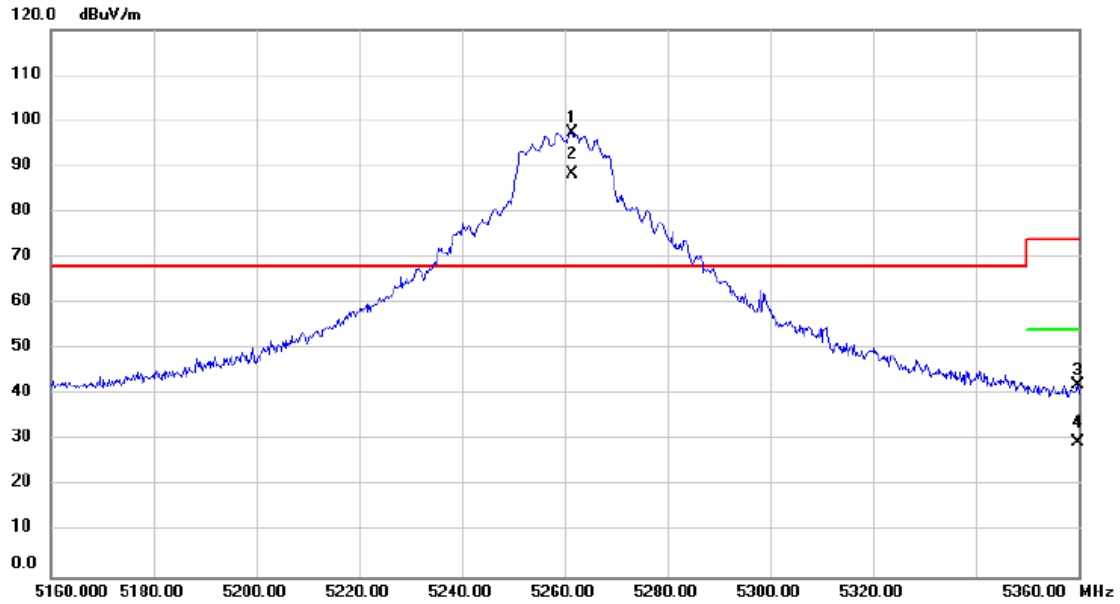
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/21 |
|---|---|---|---|
| Test Frequency | 5240MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 5148.000 | 42.10 | 1.93 | 44.03 | 74.00 | -29.97 | peak | | | |
| 2 | | 5148.000 | 28.75 | 1.93 | 30.68 | 54.00 | -23.32 | AVG | | | |
| 3 | * | 5238.800 | 94.47 | 1.96 | 96.43 | 68.20 | 28.23 | peak | | | No Limit |
| 4 | X | 5238.800 | 85.52 | 1.96 | 87.48 | 68.20 | 19.28 | AVG | | | No Limit |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

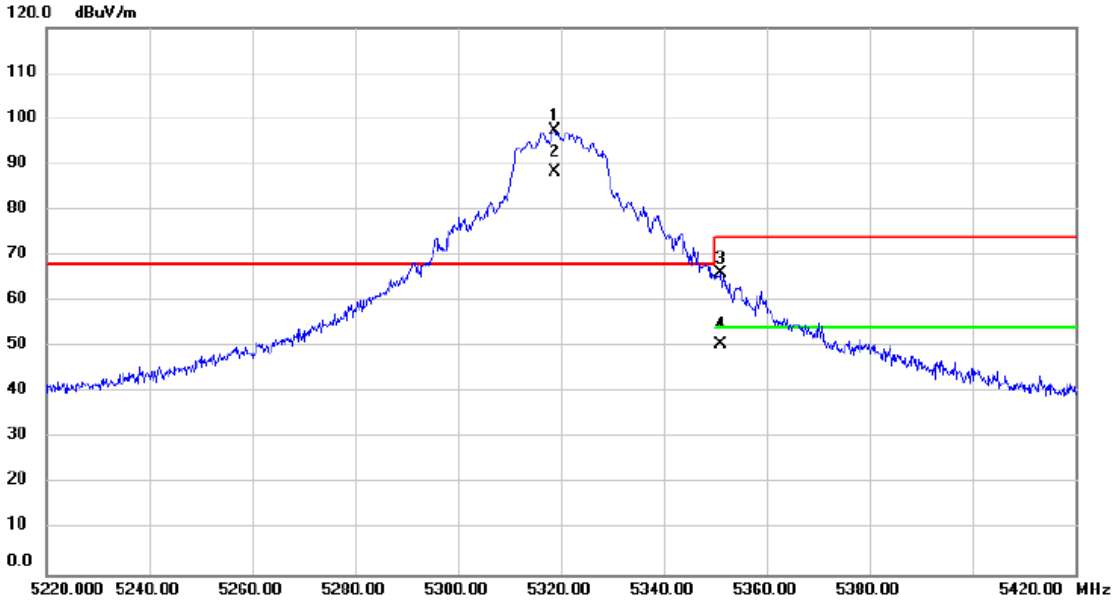
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/21 |
|---|---|---|---|
| Test Frequency | 5260MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 5261.400 | 95.48 | 1.98 | 97.46 | 68.20 | 29.26 | peak | | | No Limit |
| 2 | X | 5261.400 | 86.25 | 1.98 | 88.23 | 68.20 | 20.03 | AVG | | | No Limit |
| 3 | | 5359.800 | 40.21 | 2.02 | 42.23 | 74.00 | -31.77 | peak | | | |
| 4 | | 5359.800 | 27.46 | 2.02 | 29.48 | 54.00 | -24.52 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

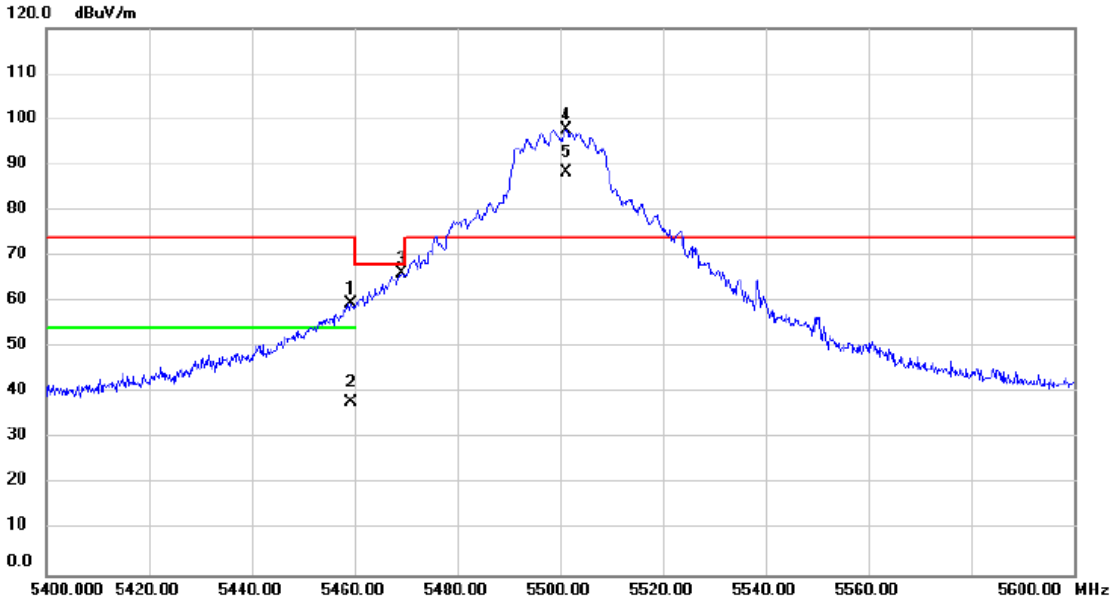
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/22 |
|---|---|---|---|
| Test Frequency | 5320MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 5318.800 | 95.44 | 2.00 | 97.44 | 68.20 | 29.24 | peak | | | No Limit |
| 2 | X | 5318.800 | 86.23 | 2.00 | 88.23 | 68.20 | 20.03 | AVG | | | No Limit |
| 3 | | 5351.200 | 64.05 | 2.01 | 66.06 | 74.00 | -7.94 | peak | | | |
| 4 | | 5351.200 | 48.40 | 2.01 | 50.41 | 54.00 | -3.59 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

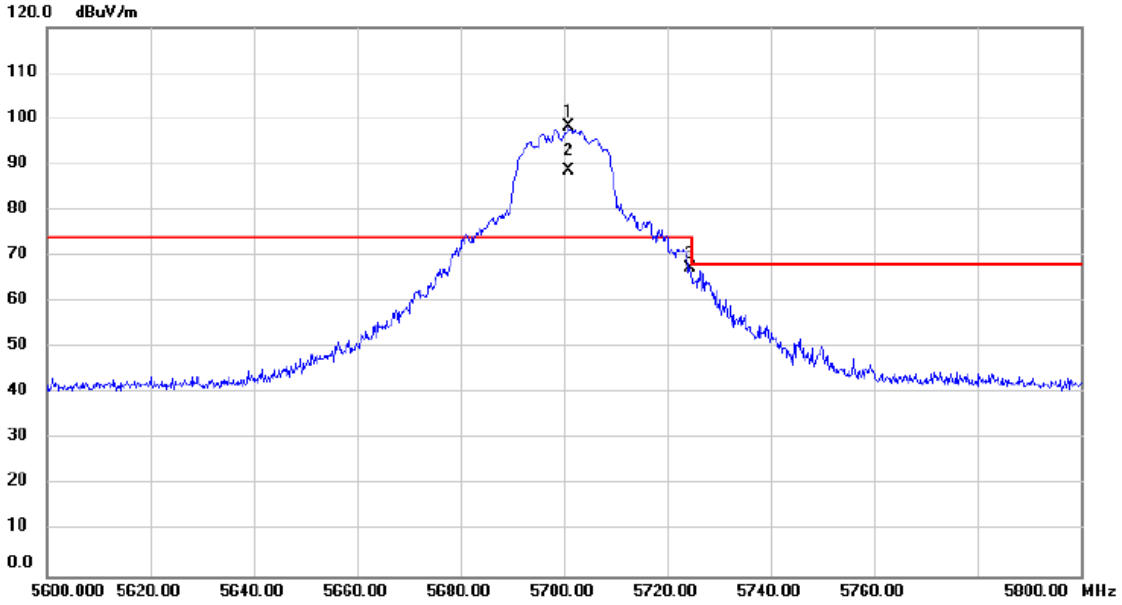
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/22 |
|---|---|---|---|
| Test Frequency | 5500MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 5459.400 | 57.62 | 2.06 | 59.68 | 74.00 | -14.32 | peak | | | |
| 2 | | 5459.400 | 35.84 | 2.06 | 37.90 | 54.00 | -16.10 | AVG | | | |
| 3 | | 5469.200 | 64.10 | 2.05 | 66.15 | 68.20 | -2.05 | peak | | | |
| 4 | * | 5501.200 | 95.66 | 2.07 | 97.73 | 74.00 | 23.73 | peak | | | No Limit |
| 5 | X | 5501.200 | 86.19 | 2.07 | 88.26 | 74.00 | 14.26 | AVG | | | No Limit |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

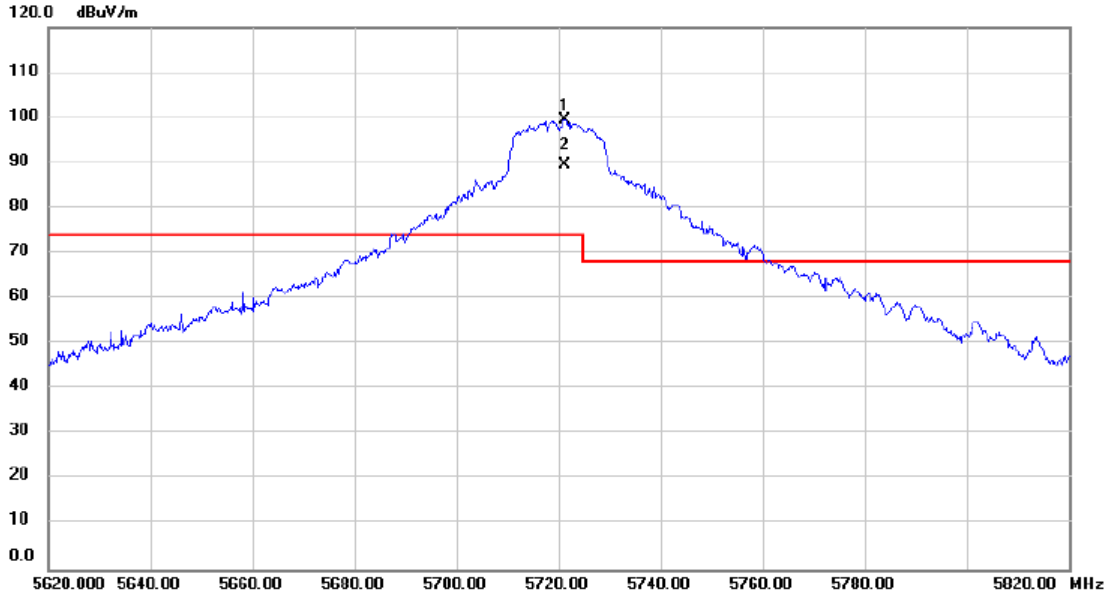
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/22 |
|---|---|---|---|
| Test Frequency | 5700MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 5701.000 | 95.77 | 2.39 | 98.16 | 74.00 | 24.16 | peak | | | No Limit |
| 2 | X | 5701.000 | 86.27 | 2.39 | 88.66 | 74.00 | 14.66 | AVG | | | No Limit |
| 3 | | 5724.400 | 64.85 | 2.42 | 67.27 | 74.00 | -6.73 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

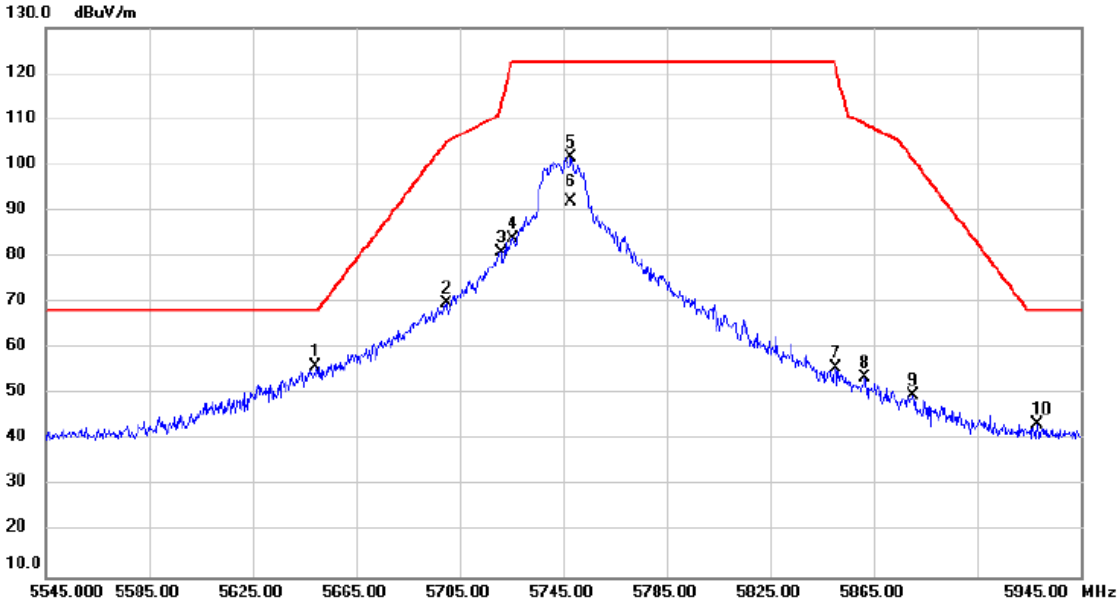
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/7/19 |
|---|---|---|---|
| Test Frequency | 5720Hz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 5721.200 | 97.11 | 2.42 | 99.53 | 74.00 | 25.53 | peak | | | No Limit |
| 2 | X | 5721.200 | 87.14 | 2.42 | 89.56 | 74.00 | 15.56 | AVG | | | No Limit |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

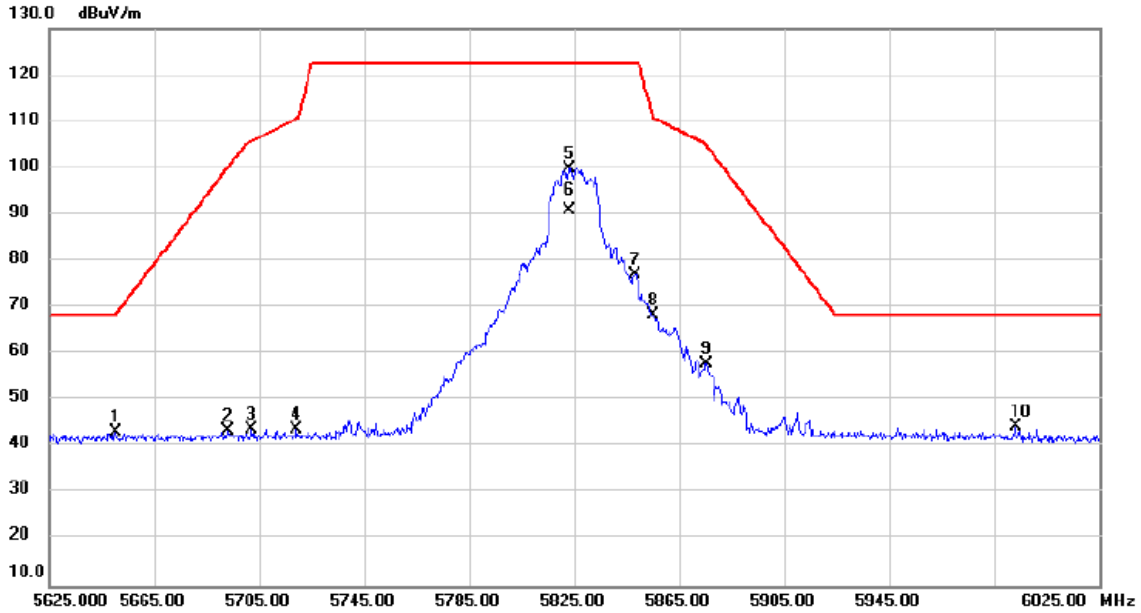
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/22 |
|---|---|---|---|
| Test Frequency | 5745MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 5649.400 | 53.69 | 2.30 | 55.99 | 68.20 | -12.21 | peak | | | |
| 2 | | 5700.200 | 67.48 | 2.39 | 69.87 | 105.26 | -35.39 | peak | | | |
| 3 | | 5721.000 | 78.44 | 2.42 | 80.86 | 113.08 | -32.22 | peak | | | |
| 4 | | 5725.400 | 81.48 | 2.42 | 83.90 | 122.20 | -38.30 | peak | | | |
| 5 | | 5748.200 | 99.15 | 2.46 | 101.61 | 122.20 | -20.59 | peak | | | No Limit |
| 6 | | 5748.200 | 89.45 | 2.46 | 91.91 | 122.20 | -30.29 | AVG | | | No Limit |
| 7 | | 5850.200 | 53.05 | 2.62 | 55.67 | 121.74 | -66.07 | peak | | | |
| 8 | | 5861.400 | 50.92 | 2.63 | 53.55 | 109.01 | -55.46 | peak | | | |
| 9 | | 5880.200 | 47.19 | 2.67 | 49.86 | 101.34 | -51.48 | peak | | | |
| 10 | | 5928.200 | 40.80 | 2.73 | 43.53 | 68.20 | -24.67 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

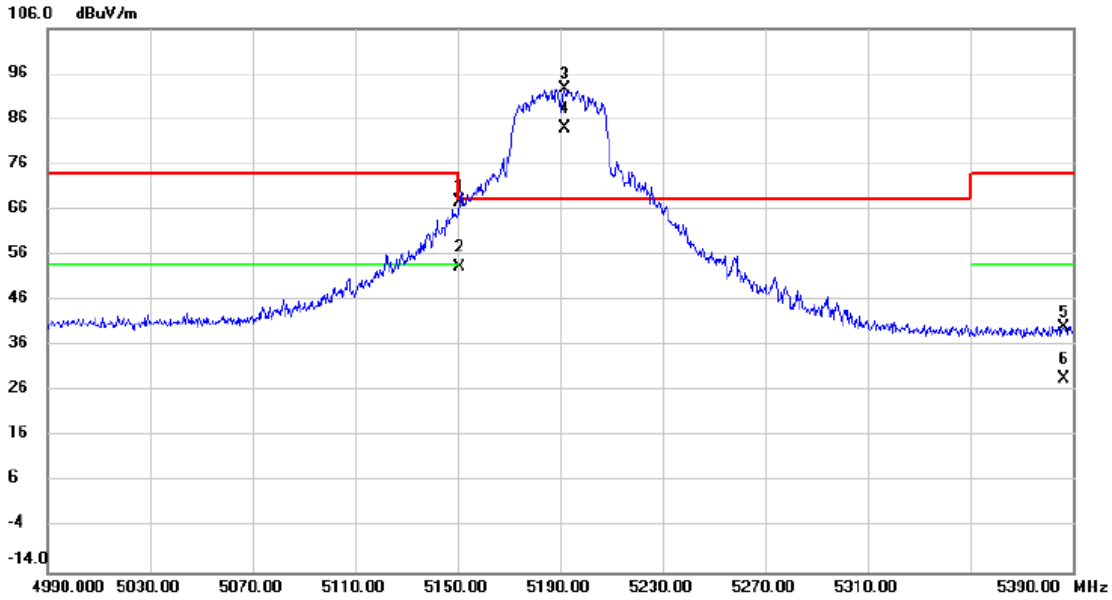
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/22 |
|---|---|---|---|
| Test Frequency | 5825MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 5650.200 | 40.87 | 2.30 | 43.17 | 68.35 | -25.18 | peak | | | |
| 2 | | 5693.000 | 41.05 | 2.37 | 43.42 | 100.04 | -56.62 | peak | | | |
| 3 | | 5702.200 | 41.48 | 2.39 | 43.87 | 105.82 | -61.95 | peak | | | |
| 4 | | 5719.400 | 41.40 | 2.41 | 43.81 | 110.63 | -66.82 | peak | | | |
| 5 | * | 5823.400 | 97.28 | 2.58 | 99.86 | 122.20 | -22.34 | peak | | | No Limit |
| 6 | | 5823.400 | 88.40 | 2.58 | 90.98 | 122.20 | -31.22 | AVG | | | No Limit |
| 7 | | 5848.200 | 74.49 | 2.62 | 77.11 | 122.20 | -45.09 | peak | | | |
| 8 | | 5855.400 | 65.58 | 2.63 | 68.21 | 110.69 | -42.48 | peak | | | |
| 9 | | 5875.400 | 55.11 | 2.66 | 57.77 | 104.90 | -47.13 | peak | | | |
| 10 | | 5993.000 | 41.59 | 2.84 | 44.43 | 68.20 | -23.77 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

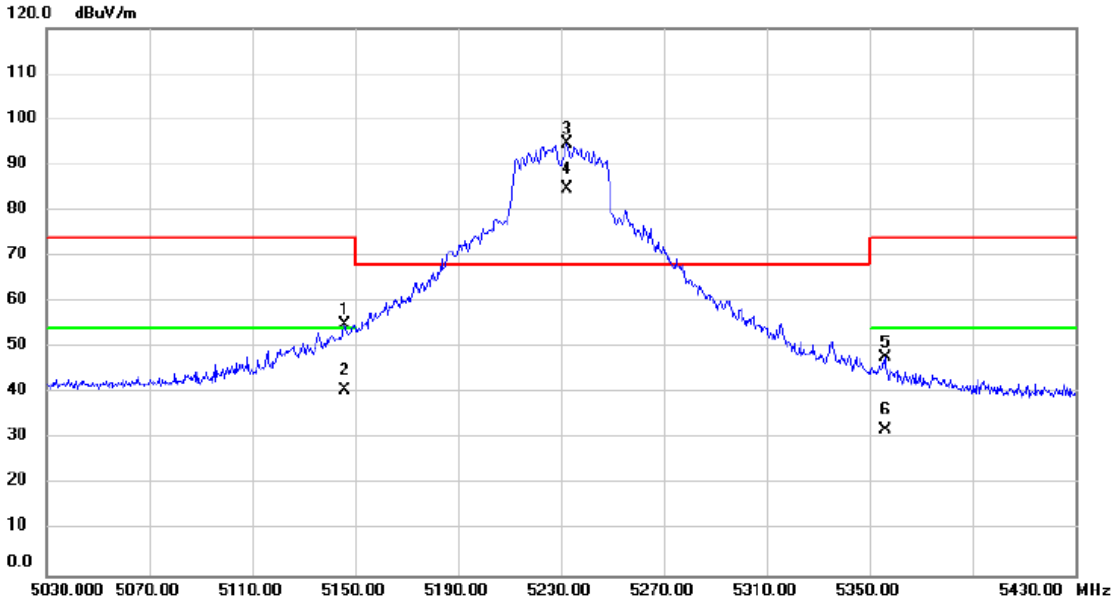
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5190MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 5150.800 | 65.77 | 1.93 | 67.70 | 68.20 | -0.50 | peak | | | |
| 2 | | 5150.800 | 51.56 | 1.93 | 53.49 | 68.20 | -14.71 | AVG | | | |
| 3 | * | 5191.600 | 90.81 | 1.94 | 92.75 | 68.20 | 24.55 | peak | | | No Limit |
| 4 | X | 5191.600 | 81.94 | 1.94 | 83.88 | 68.20 | 15.68 | AVG | | | No Limit |
| 5 | | 5386.400 | 38.17 | 2.02 | 40.19 | 74.00 | -33.81 | peak | | | |
| 6 | | 5386.400 | 26.81 | 2.02 | 28.83 | 54.00 | -25.17 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

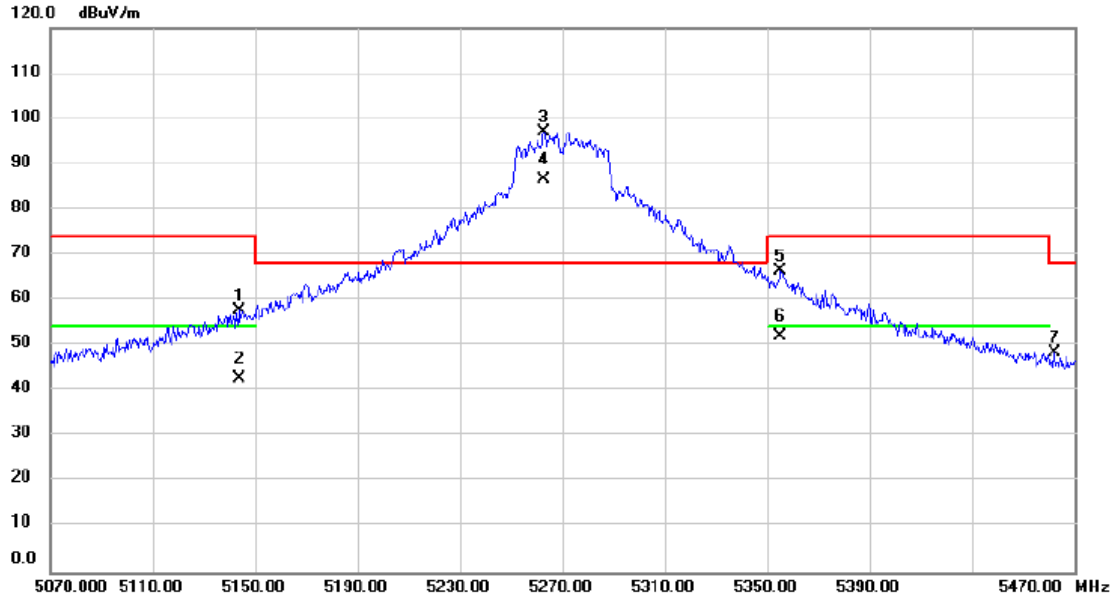
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5230MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 5146.000 | 52.98 | 1.93 | 54.91 | 74.00 | -19.09 | peak | | | |
| 2 | | 5146.000 | 38.73 | 1.93 | 40.66 | 54.00 | -13.34 | AVG | | | |
| 3 | * | 5232.400 | 92.55 | 1.96 | 94.51 | 68.20 | 26.31 | peak | | | No Limit |
| 4 | X | 5232.400 | 82.80 | 1.96 | 84.76 | 68.20 | 16.56 | AVG | | | No Limit |
| 5 | | 5356.000 | 45.77 | 2.01 | 47.78 | 74.00 | -26.22 | peak | | | |
| 6 | | 5356.000 | 29.96 | 2.01 | 31.97 | 54.00 | -22.03 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

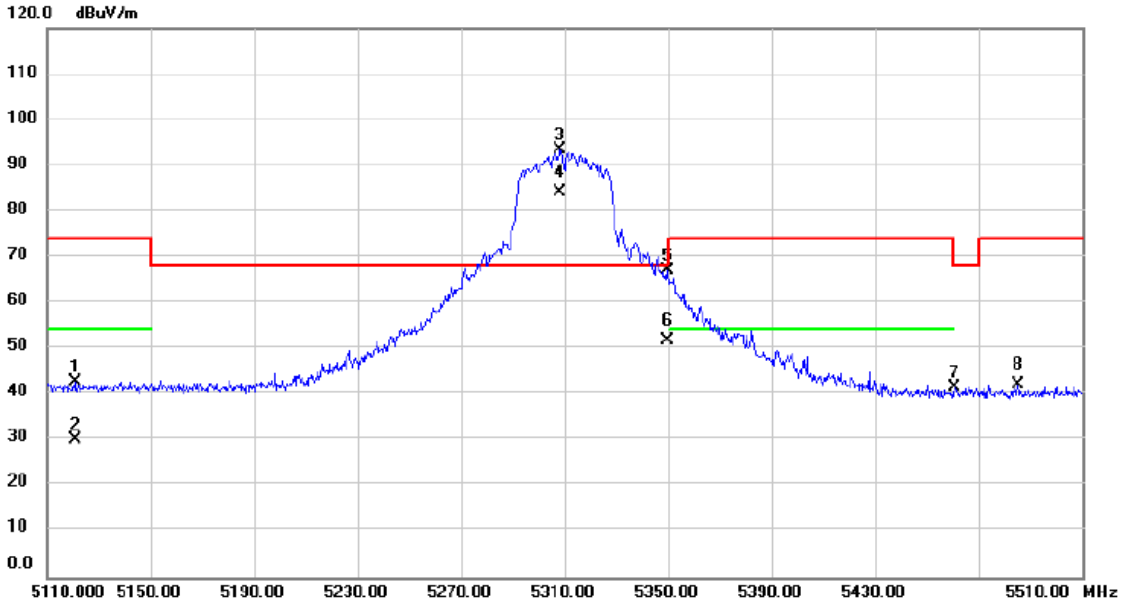
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5270MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 5143.600 | 55.78 | 1.93 | 57.71 | 74.00 | -16.29 | peak | | | |
| 2 | | 5143.600 | 40.79 | 1.93 | 42.72 | 54.00 | -11.28 | AVG | | | |
| 3 | * | 5262.800 | 95.00 | 1.98 | 96.98 | 68.20 | 28.78 | peak | | | No Limit |
| 4 | X | 5262.800 | 84.51 | 1.98 | 86.49 | 68.20 | 18.29 | AVG | | | No Limit |
| 5 | | 5355.200 | 64.34 | 2.00 | 66.34 | 74.00 | -7.66 | peak | | | |
| 6 | | 5355.200 | 49.96 | 2.00 | 51.96 | 54.00 | -2.04 | AVG | | | |
| 7 | | 5462.000 | 46.32 | 2.06 | 48.38 | 68.20 | -19.82 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

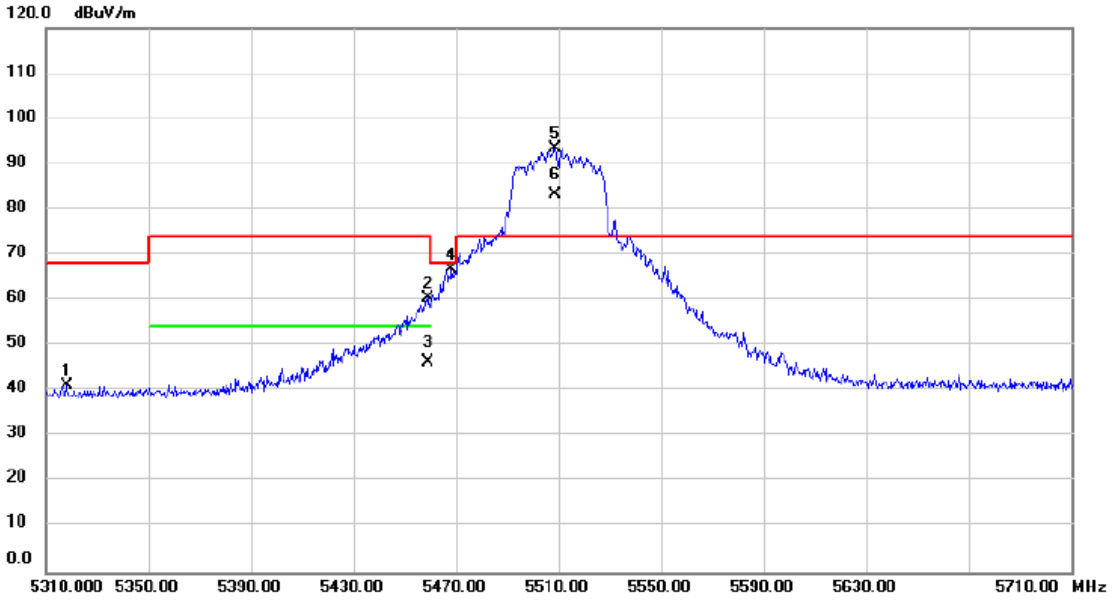
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5310MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 5120.800 | 40.95 | 1.91 | 42.86 | 74.00 | -31.14 | peak | | | |
| 2 | | 5120.800 | 28.25 | 1.91 | 30.16 | 74.00 | -43.84 | peak | | | |
| 3 | * | 5308.400 | 91.35 | 2.00 | 93.35 | 68.20 | 25.15 | peak | | | No Limit |
| 4 | X | 5308.400 | 82.17 | 2.00 | 84.17 | 68.20 | 15.97 | AVG | | | No Limit |
| 5 | | 5349.600 | 64.95 | 2.01 | 66.96 | 68.20 | -1.24 | peak | | | |
| 6 | | 5349.600 | 49.84 | 2.01 | 51.85 | 68.20 | -16.35 | AVG | | | |
| 7 | | 5460.800 | 39.41 | 2.06 | 41.47 | 68.20 | -26.73 | peak | | | |
| 8 | | 5485.200 | 40.23 | 2.06 | 42.29 | 74.00 | -31.71 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

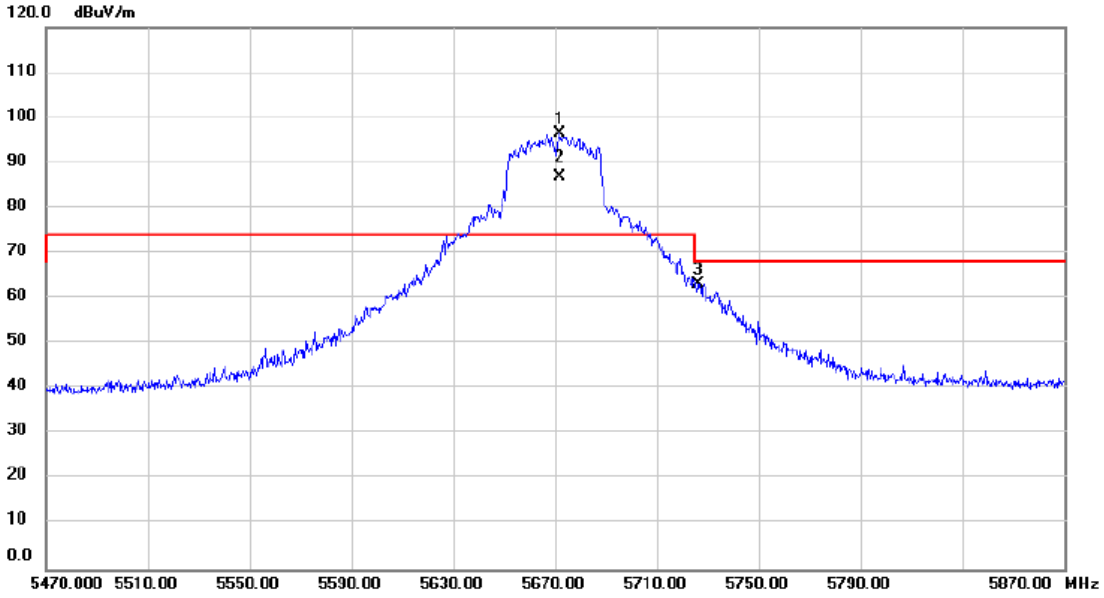
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5510MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 5318.000 | 39.16 | 2.00 | 41.16 | 68.20 | -27.04 | peak | | | |
| 2 | | 5459.200 | 58.28 | 2.06 | 60.34 | 74.00 | -13.66 | peak | | | |
| 3 | | 5459.200 | 44.42 | 2.06 | 46.48 | 54.00 | -7.52 | AVG | | | |
| 4 | | 5468.400 | 64.76 | 2.05 | 66.81 | 68.20 | -1.39 | peak | | | |
| 5 | * | 5508.800 | 91.42 | 2.09 | 93.51 | 74.00 | 19.51 | peak | | | No Limit |
| 6 | X | 5508.800 | 81.25 | 2.09 | 83.34 | 74.00 | 9.34 | AVG | | | No Limit |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

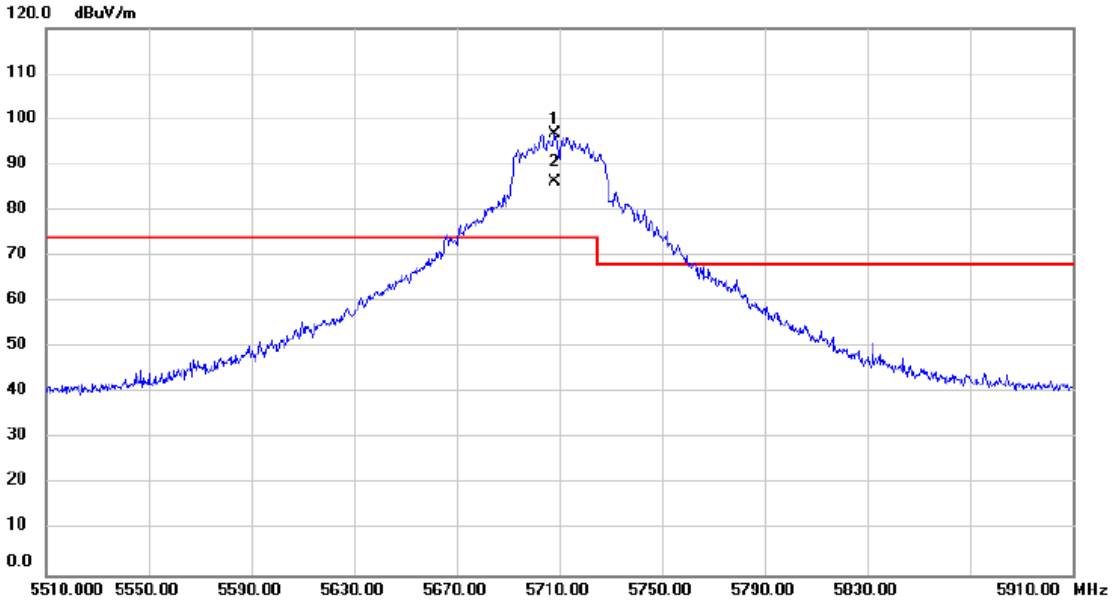
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5670MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 5672.000 | 94.01 | 2.34 | 96.35 | 74.00 | 22.35 | peak | | | No Limit |
| 2 | X | 5672.000 | 84.57 | 2.34 | 86.91 | 74.00 | 12.91 | AVG | | | No Limit |
| 3 | | 5726.400 | 60.84 | 2.42 | 63.26 | 68.20 | -4.94 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

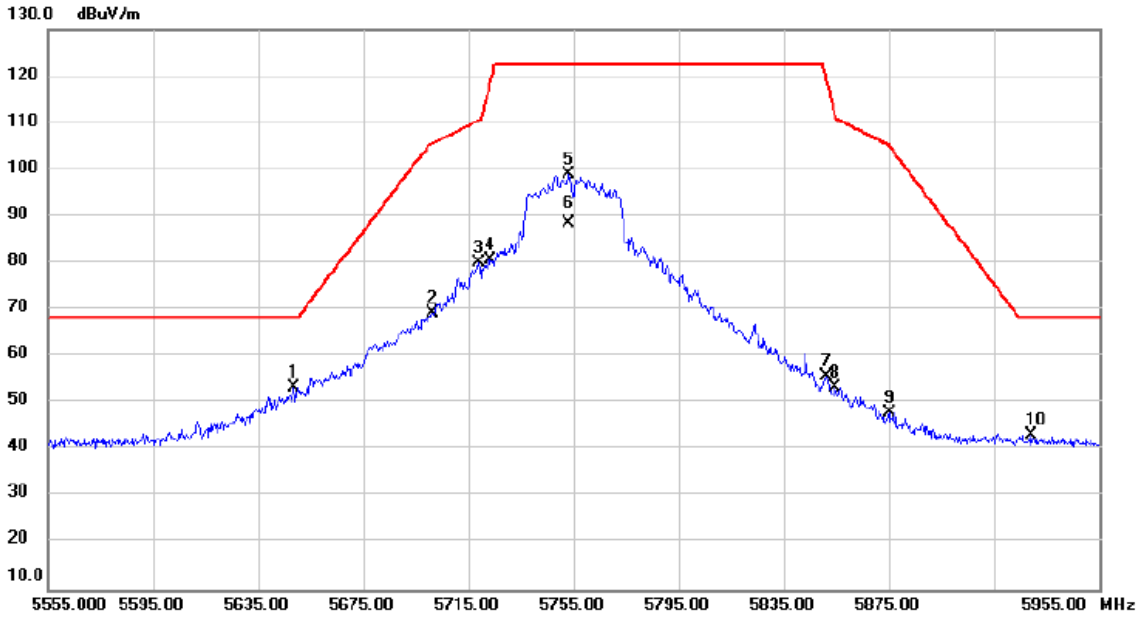
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/7/19 |
|---|---|---|---|
| Test Frequency | 5710Hz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 5708.400 | 94.23 | 2.39 | 96.62 | 74.00 | 22.62 | peak | | | No Limit |
| 2 | X | 5708.400 | 83.84 | 2.39 | 86.23 | 74.00 | 12.23 | AVG | | | No Limit |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

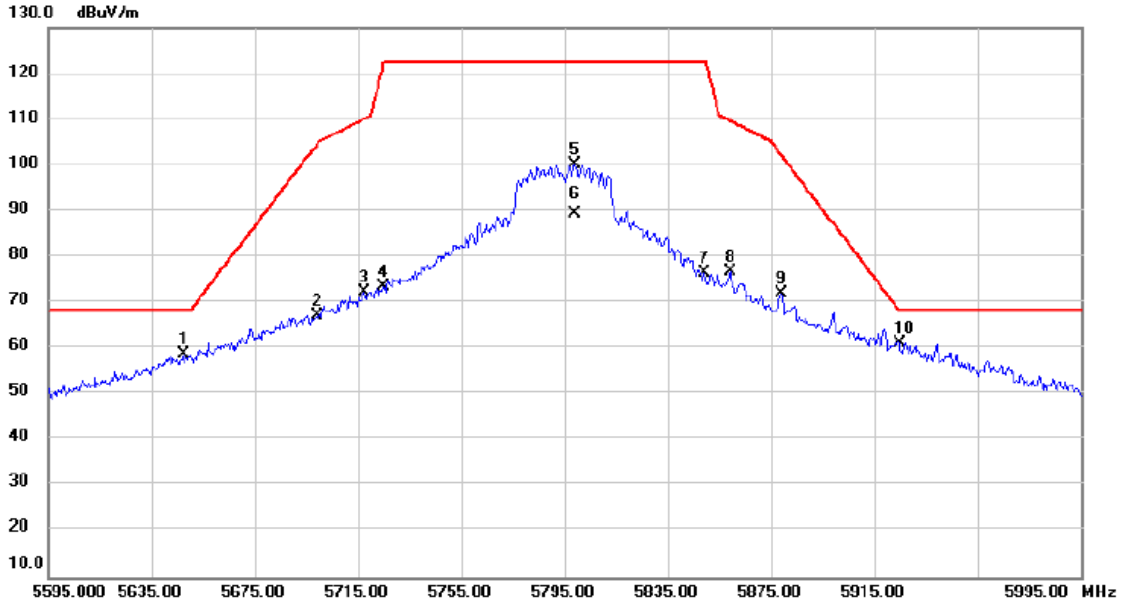
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5755MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 5648.600 | 51.19 | 2.30 | 53.49 | 68.20 | -14.71 | peak | | | |
| 2 | | 5701.400 | 66.75 | 2.39 | 69.14 | 105.59 | -36.45 | peak | | | |
| 3 | | 5719.000 | 77.66 | 2.41 | 80.07 | 110.52 | -30.45 | peak | | | |
| 4 | | 5723.000 | 78.33 | 2.42 | 80.75 | 117.64 | -36.89 | peak | | | |
| 5 | | 5753.400 | 96.42 | 2.46 | 98.88 | 122.20 | -23.32 | peak | | | No Limit |
| 6 | | 5753.400 | 85.97 | 2.46 | 88.43 | 122.20 | -33.77 | AVG | | | No Limit |
| 7 | | 5851.000 | 53.14 | 2.62 | 55.76 | 119.92 | -64.16 | peak | | | |
| 8 | | 5854.600 | 50.77 | 2.63 | 53.40 | 111.71 | -58.31 | peak | | | |
| 9 | | 5875.000 | 45.31 | 2.66 | 47.97 | 105.20 | -57.23 | peak | | | |
| 10 | | 5929.400 | 40.55 | 2.74 | 43.29 | 68.20 | -24.91 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

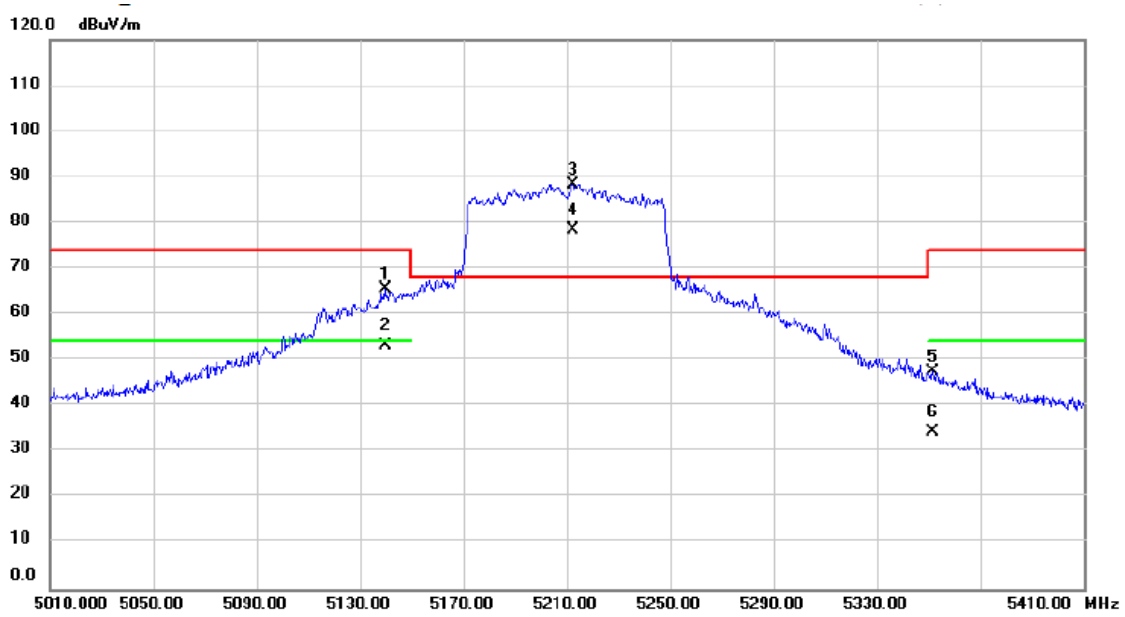
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5795MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 5647.400 | 56.45 | 2.30 | 58.75 | 68.20 | -9.45 | peak | | | |
| 2 | | 5699.400 | 64.78 | 2.39 | 67.17 | 104.76 | -37.59 | peak | | | |
| 3 | | 5717.400 | 69.74 | 2.41 | 72.15 | 110.07 | -37.92 | peak | | | |
| 4 | | 5725.000 | 70.98 | 2.42 | 73.40 | 122.20 | -48.80 | peak | | | |
| 5 | | 5799.000 | 97.70 | 2.53 | 100.23 | 122.20 | -21.97 | peak | | | No Limit |
| 6 | | 5799.000 | 86.78 | 2.53 | 89.31 | 122.20 | -32.89 | AVG | | | No Limit |
| 7 | | 5849.400 | 73.74 | 2.62 | 76.36 | 122.20 | -45.84 | peak | | | |
| 8 | | 5859.000 | 74.15 | 2.63 | 76.78 | 109.68 | -32.90 | peak | | | |
| 9 | | 5879.000 | 69.26 | 2.66 | 71.92 | 102.23 | -30.31 | peak | | | |
| 10 | * | 5924.600 | 58.57 | 2.73 | 61.30 | 68.49 | -7.19 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

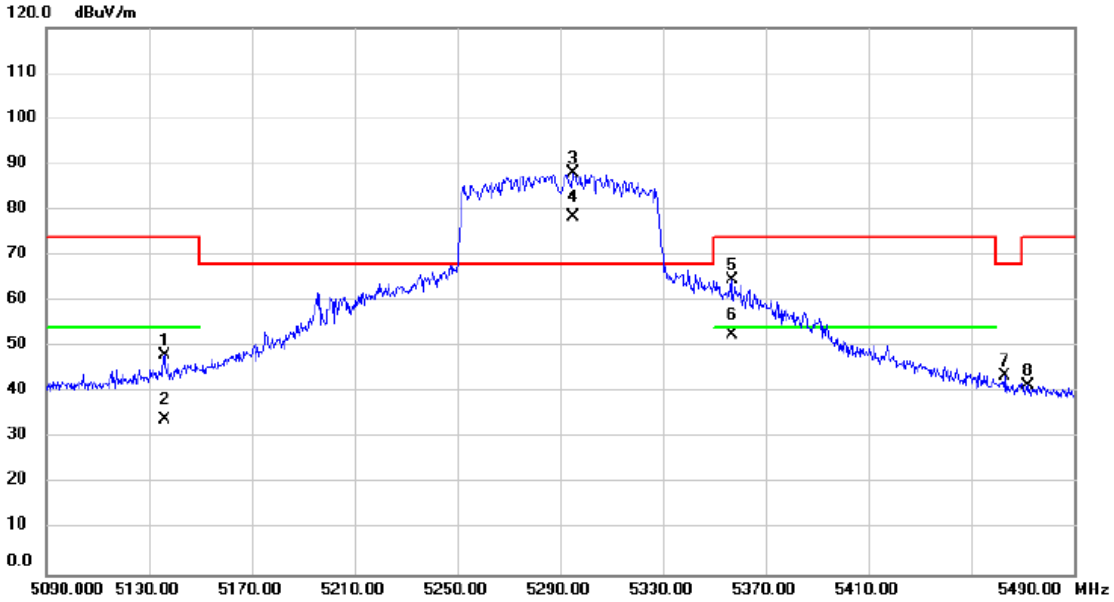
| Test Mode | IEEE 802.11ac (VHT80) | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5210MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 5139.600 | 63.51 | 1.92 | 65.43 | 74.00 | -8.57 | peak | | | |
| 2 | | 5139.600 | 51.26 | 1.92 | 53.18 | 54.00 | -0.82 | AVG | | | |
| 3 | * | 5212.400 | 86.45 | 1.96 | 88.41 | 68.20 | 20.21 | peak | | | No Limit |
| 4 | X | 5212.400 | 76.47 | 1.96 | 78.43 | 68.20 | 10.23 | AVG | | | No Limit |
| 5 | | 5351.600 | 45.59 | 2.01 | 47.60 | 74.00 | -26.40 | peak | | | |
| 6 | | 5351.600 | 32.44 | 2.01 | 34.45 | 54.00 | -19.55 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

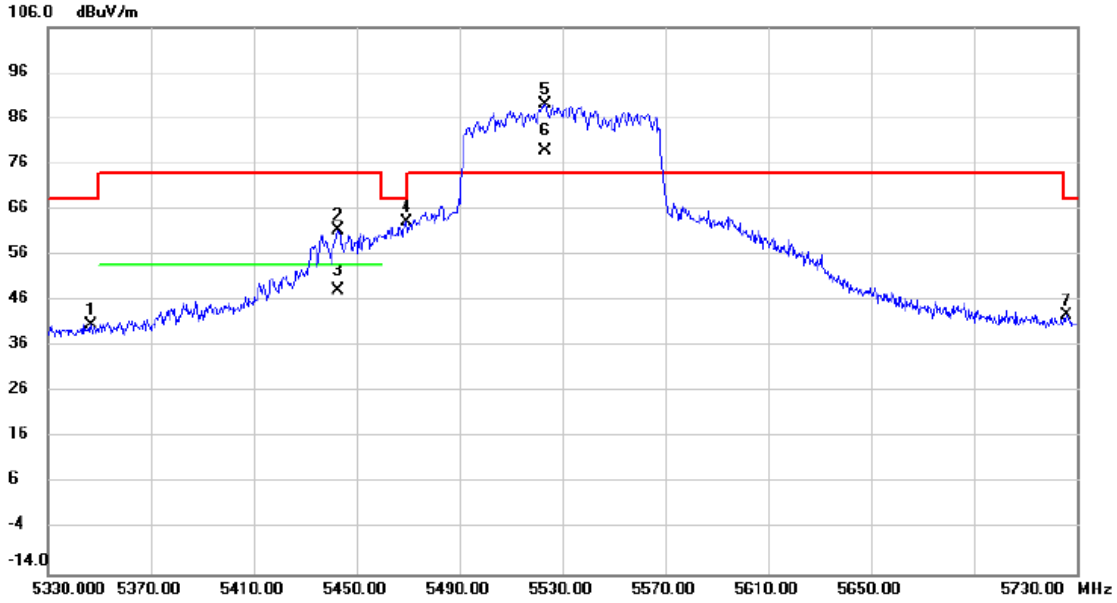
| Test Mode | IEEE 802.11ac (VHT80) | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5290MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 5136.000 | 46.11 | 1.92 | 48.03 | 74.00 | -25.97 | peak | | | |
| 2 | | 5136.000 | 32.20 | 1.92 | 34.12 | 54.00 | -19.88 | AVG | | | |
| 3 | * | 5295.200 | 86.12 | 1.99 | 88.11 | 68.20 | 19.91 | peak | | | No Limit |
| 4 | X | 5295.200 | 76.52 | 1.99 | 78.51 | 68.20 | 10.31 | AVG | | | No Limit |
| 5 | | 5356.800 | 62.77 | 2.01 | 64.78 | 74.00 | -9.22 | peak | | | |
| 6 | | 5356.800 | 50.62 | 2.01 | 52.63 | 54.00 | -1.37 | AVG | | | |
| 7 | | 5462.800 | 41.51 | 2.06 | 43.57 | 68.20 | -24.63 | peak | | | |
| 8 | | 5472.400 | 39.44 | 2.06 | 41.50 | 74.00 | -32.50 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

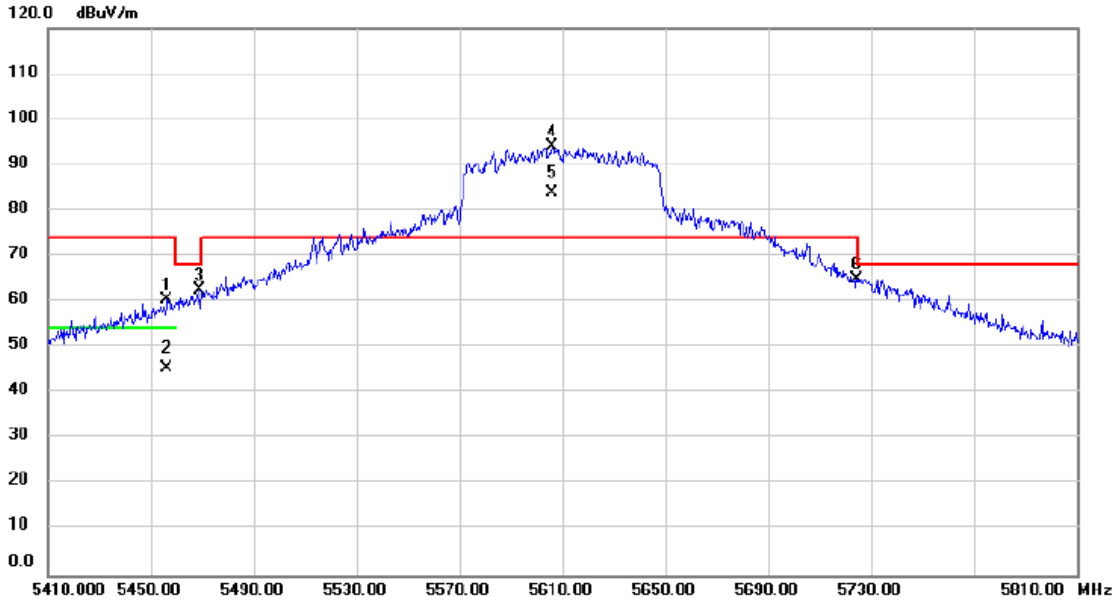
| Test Mode | IEEE 802.11ac (VHT80) | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5530MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 5346.800 | 38.83 | 2.01 | 40.84 | 68.20 | -27.36 | peak | | | |
| 2 | | 5442.800 | 59.29 | 2.05 | 61.34 | 74.00 | -12.66 | peak | | | |
| 3 | | 5442.800 | 46.21 | 2.05 | 48.26 | 54.00 | -5.74 | AVG | | | |
| 4 | | 5469.600 | 61.07 | 2.05 | 63.12 | 68.20 | -5.08 | peak | | | |
| 5 | * | 5523.200 | 86.89 | 2.11 | 89.00 | 74.00 | 15.00 | peak | | | No Limit |
| 6 | X | 5523.200 | 76.85 | 2.11 | 78.96 | 74.00 | 4.96 | AVG | | | No Limit |
| 7 | | 5726.000 | 40.45 | 2.42 | 42.87 | 68.20 | -25.33 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

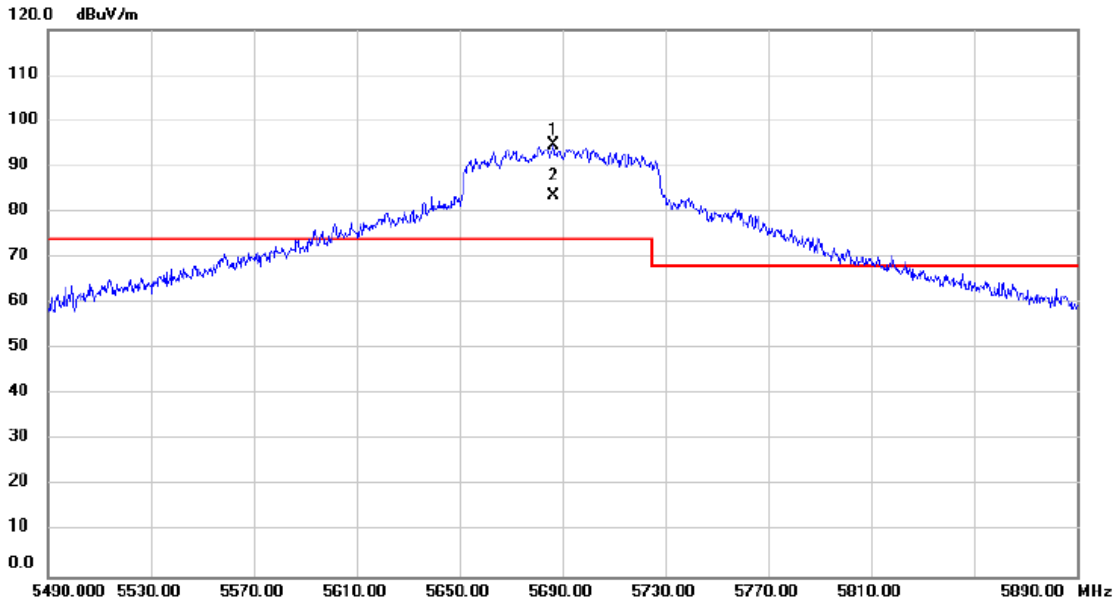
| Test Mode | IEEE 802.11ac (VHT80) | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5610MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 5456.400 | 58.27 | 2.05 | 60.32 | 74.00 | -13.68 | peak | | | |
| 2 | | 5456.400 | 43.32 | 2.05 | 45.37 | 54.00 | -8.63 | AVG | | | |
| 3 | | 5469.200 | 60.53 | 2.05 | 62.58 | 68.20 | -5.62 | peak | | | |
| 4 | * | 5606.000 | 91.83 | 2.24 | 94.07 | 74.00 | 20.07 | peak | | | No Limit |
| 5 | X | 5606.000 | 81.68 | 2.24 | 83.92 | 74.00 | 9.92 | AVG | | | No Limit |
| 6 | | 5724.400 | 62.65 | 2.42 | 65.07 | 74.00 | -8.93 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

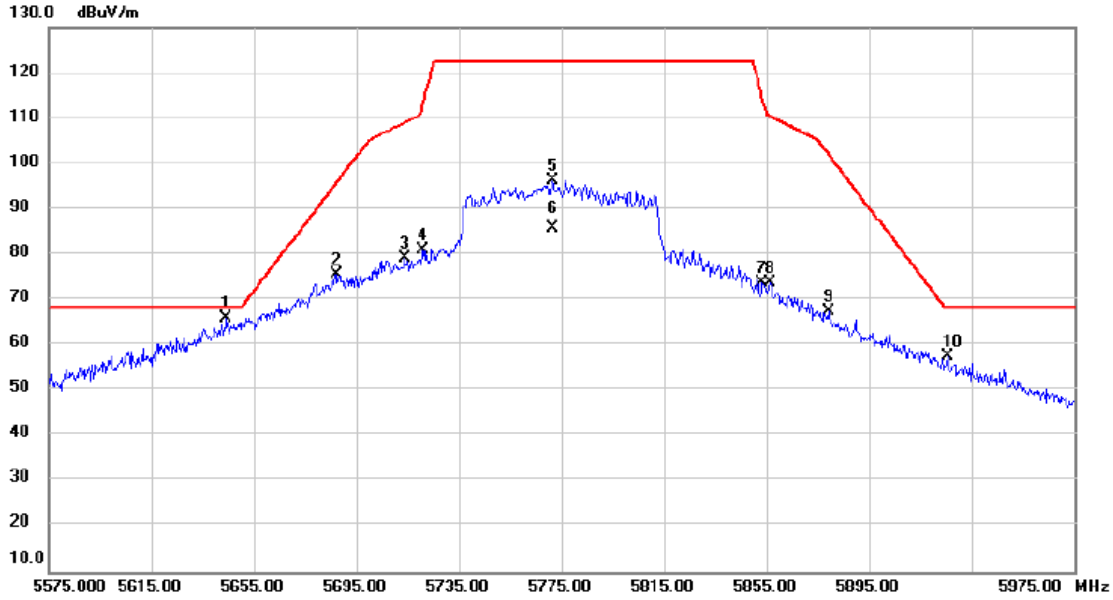
| Test Mode | IEEE 802.11ac (VHT80) | Test Date | 2024/7/19 |
|---|---|---|---|
| Test Frequency | 5690Hz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 5686.400 | 92.24 | 2.36 | 94.60 | 74.00 | 20.60 | peak | | | No Limit |
| 2 | X | 5686.400 | 81.23 | 2.36 | 83.59 | 74.00 | 9.59 | AVG | | | No Limit |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

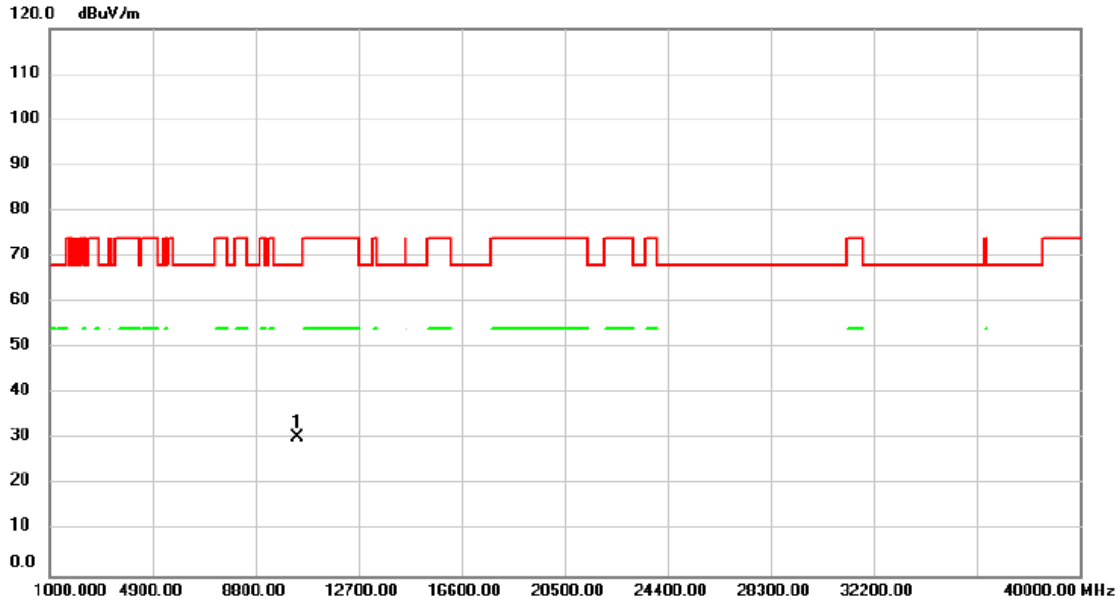
| Test Mode | IEEE 802.11ac (VHT80) | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5775MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 5644.200 | 63.71 | 2.29 | 66.00 | 68.20 | -2.20 | peak | | | |
| 2 | | 5687.000 | 73.28 | 2.36 | 75.64 | 95.61 | -19.97 | peak | | | |
| 3 | | 5713.800 | 76.64 | 2.41 | 79.05 | 109.07 | -30.02 | peak | | | |
| 4 | | 5721.000 | 78.40 | 2.42 | 80.82 | 113.08 | -32.26 | peak | | | |
| 5 | | 5771.400 | 93.77 | 2.49 | 96.26 | 122.20 | -25.94 | peak | | | No Limit |
| 6 | | 5771.400 | 83.14 | 2.49 | 85.63 | 122.20 | -36.57 | AVG | | | No Limit |
| 7 | | 5853.400 | 71.14 | 2.62 | 73.76 | 114.45 | -40.69 | peak | | | |
| 8 | | 5856.200 | 71.10 | 2.63 | 73.73 | 110.46 | -36.73 | peak | | | |
| 9 | | 5879.000 | 64.73 | 2.66 | 67.39 | 102.23 | -34.84 | peak | | | |
| 10 | | 5925.800 | 54.96 | 2.73 | 57.69 | 68.20 | -10.51 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

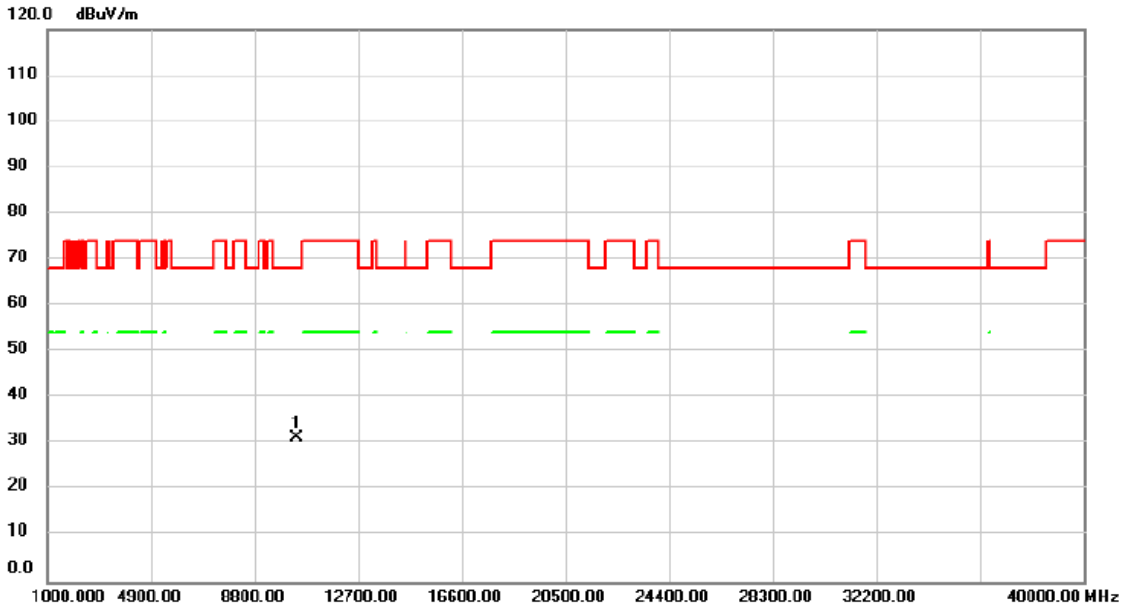
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5180MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10360.00 | 30.98 | -0.60 | 30.38 | 68.20 | -37.82 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

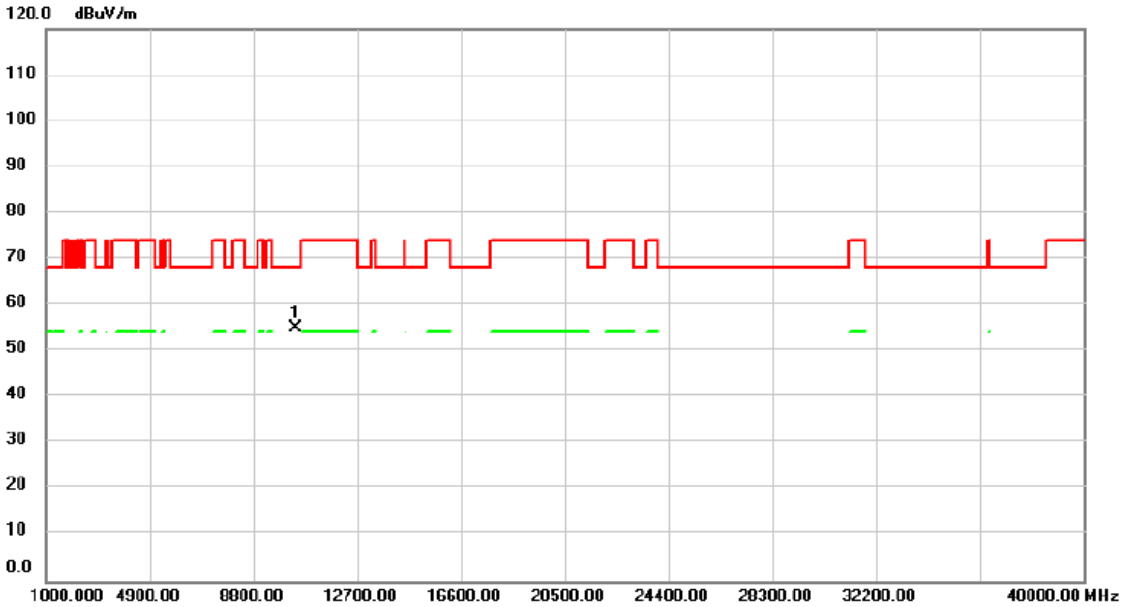
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5180MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10360.00 | 32.01 | -0.60 | 31.41 | 68.20 | -36.79 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

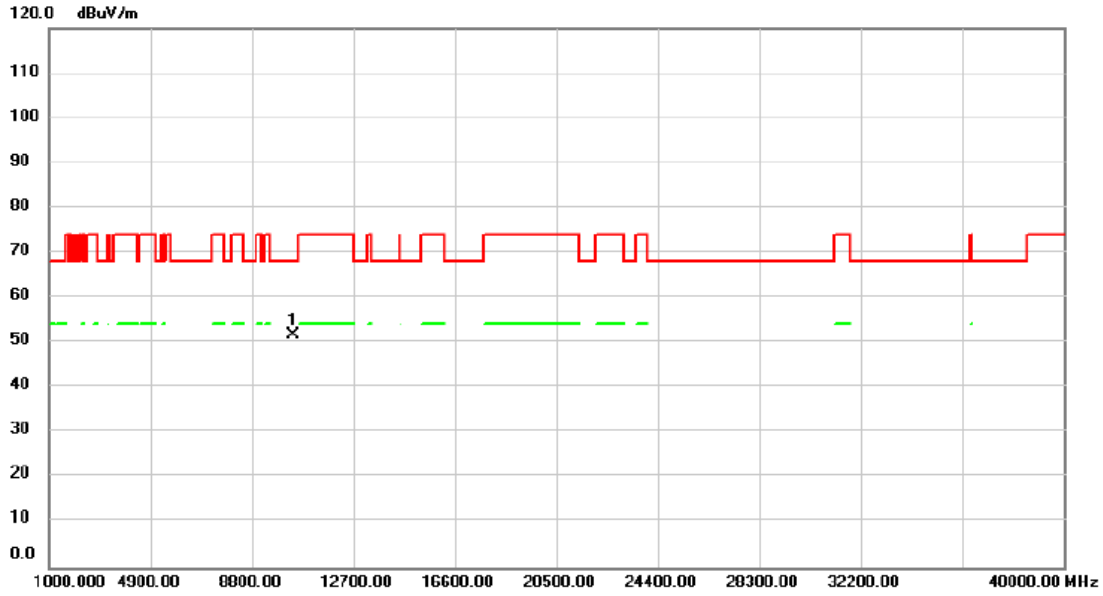
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5200MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10399.00 | 55.60 | -0.55 | 55.05 | 68.20 | -13.15 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

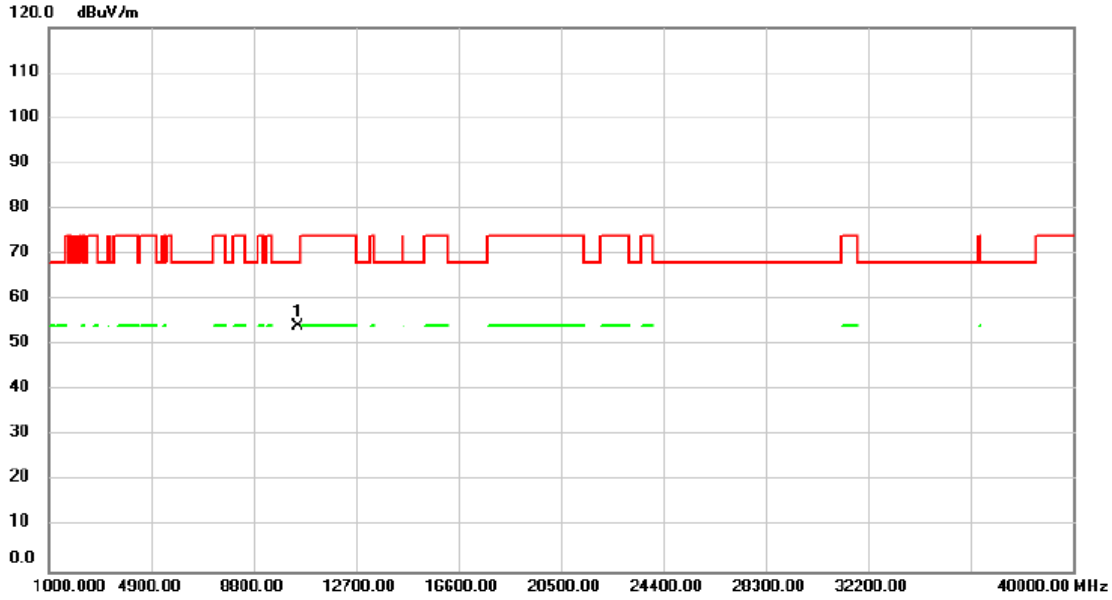
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5200MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10399.00 | 52.22 | -0.55 | 51.67 | 68.20 | -16.53 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

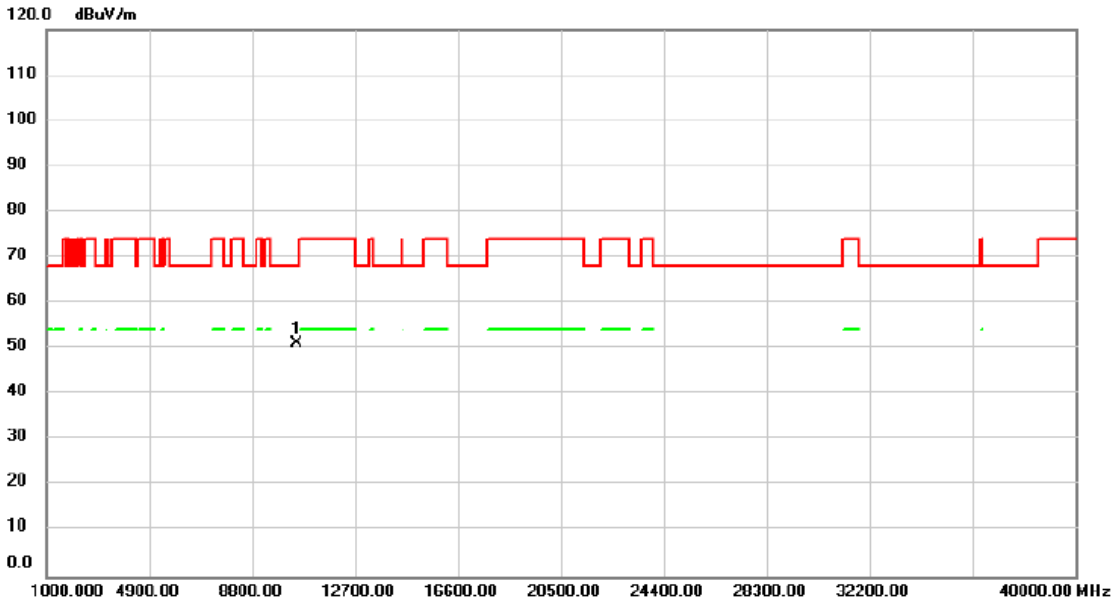
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5240MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10477.00 | 54.73 | -0.47 | 54.26 | 68.20 | -13.94 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

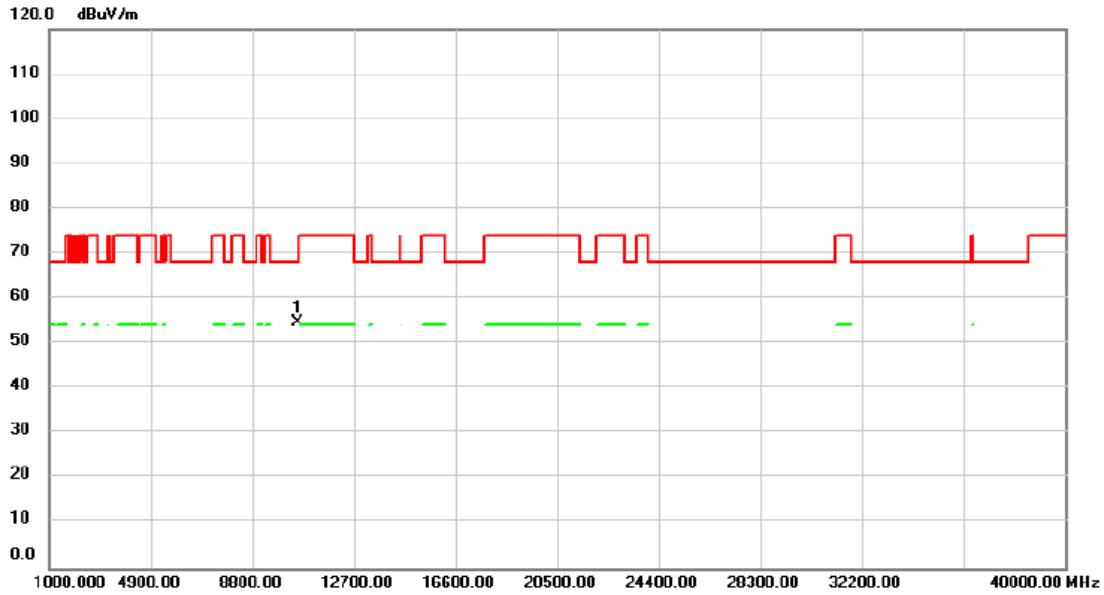
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5240MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10477.00 | 51.69 | -0.47 | 51.22 | 68.20 | -16.98 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

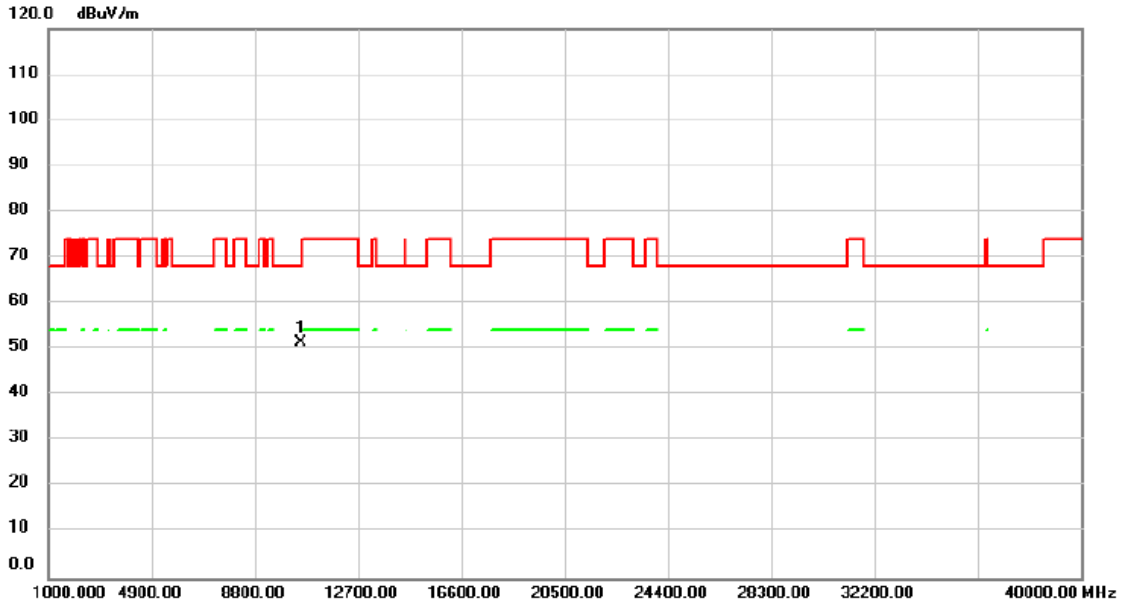
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5260MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10516.00 | 55.26 | -0.44 | 54.82 | 68.20 | -13.38 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

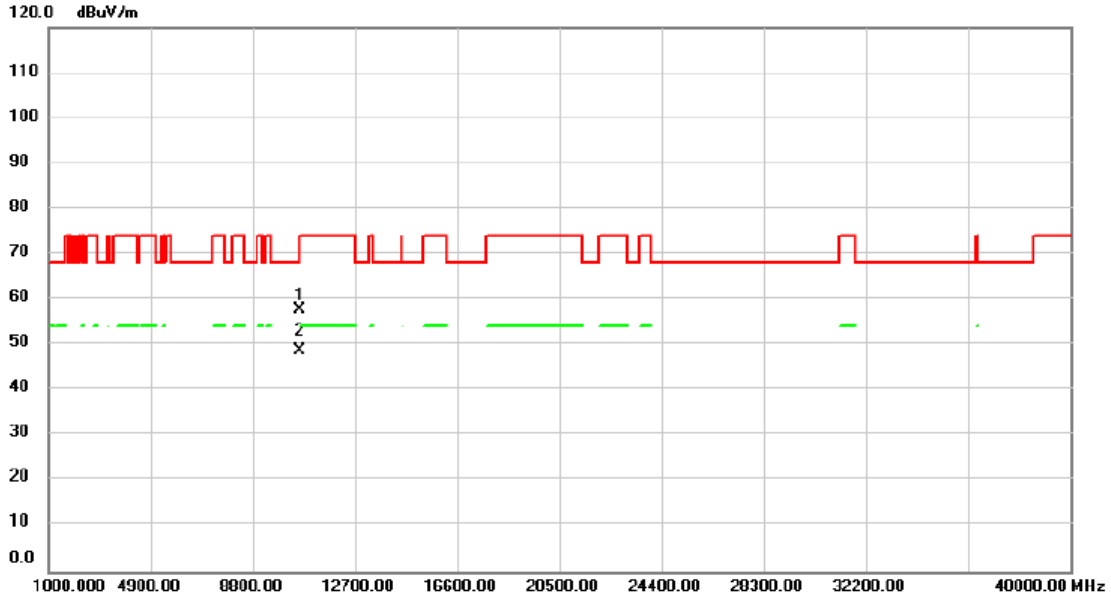
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5260MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10516.00 | 51.87 | -0.44 | 51.43 | 68.20 | -16.77 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

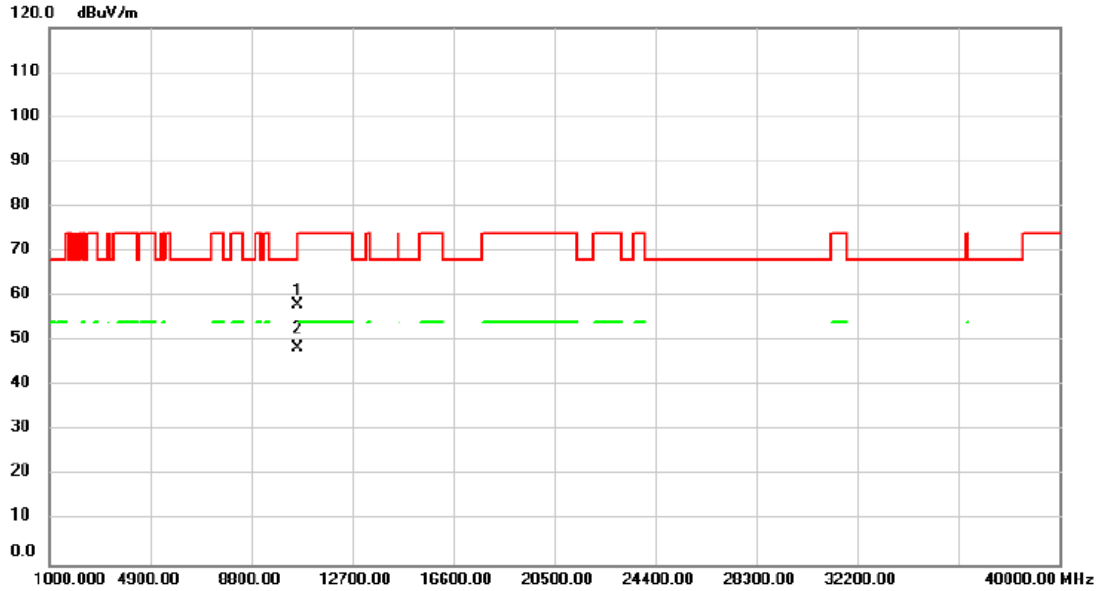
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5300MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10594.00 | 58.28 | -0.42 | 57.86 | 68.20 | -10.34 | peak | | | |
| 2 | | 10594.00 | 49.13 | -0.42 | 48.71 | 68.20 | -19.49 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

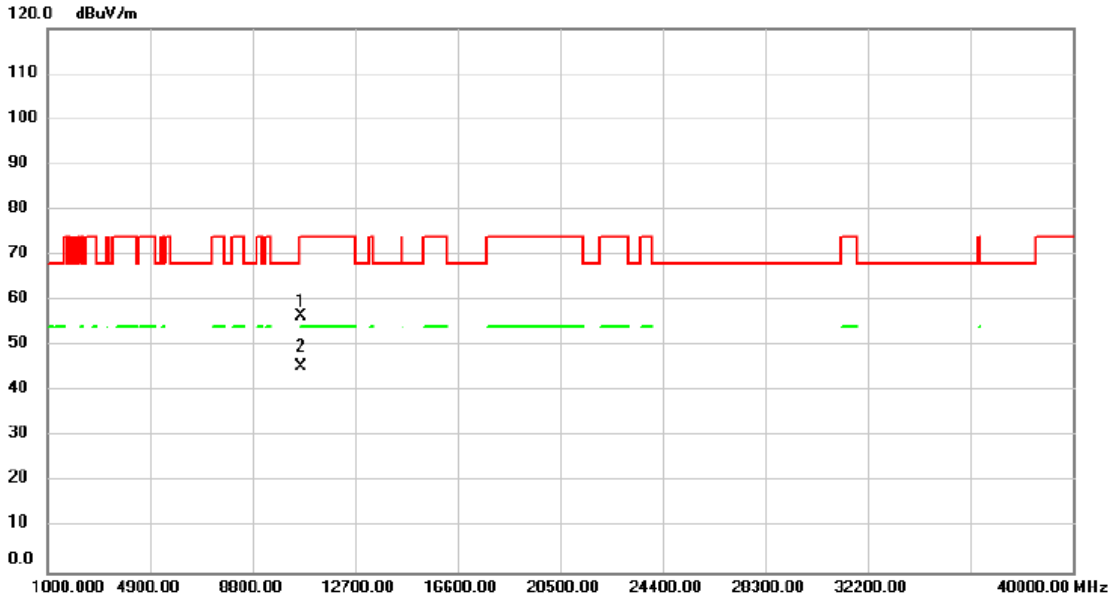
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5300MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10594.00 | 58.55 | -0.42 | 58.13 | 68.20 | -10.07 | peak | | | |
| 2 | | 10594.00 | 48.91 | -0.42 | 48.49 | 68.20 | -19.71 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

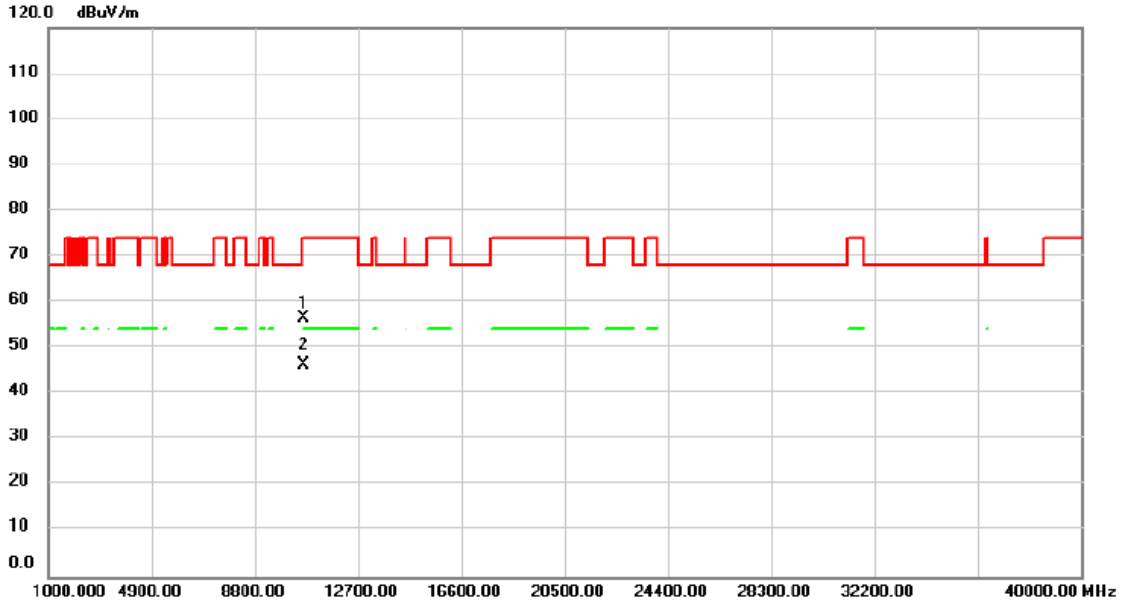
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5320MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 10633.00 | 56.95 | -0.40 | 56.55 | 74.00 | -17.45 | peak | | | |
| 2 | * | 10633.00 | 45.83 | -0.40 | 45.43 | 54.00 | -8.57 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

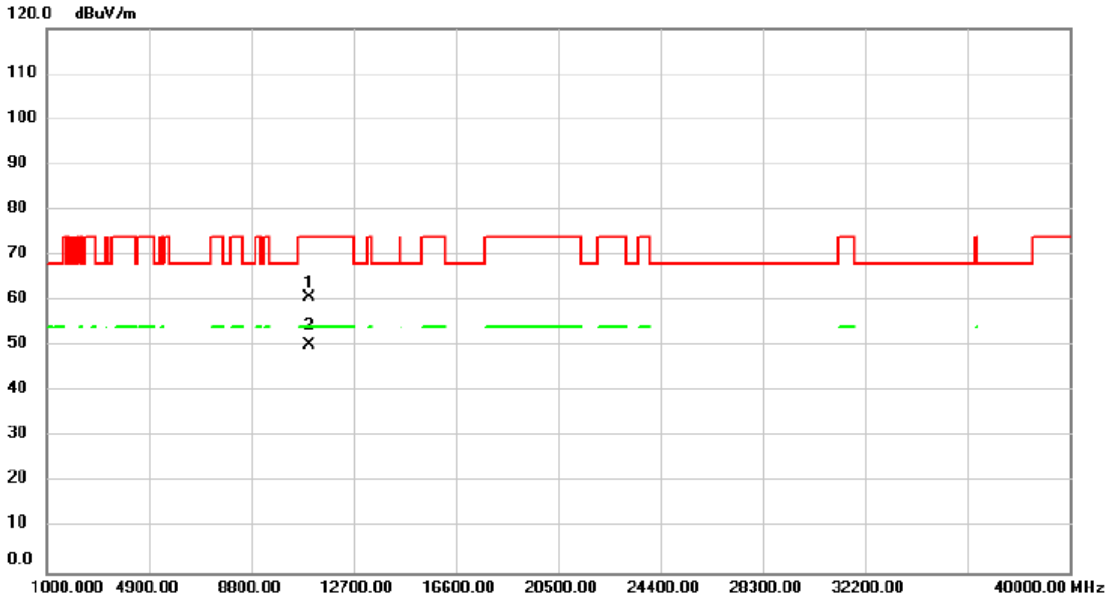
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5320MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 10633.00 | 56.83 | -0.40 | 56.43 | 74.00 | -17.57 | peak | | | |
| 2 | * | 10633.00 | 46.62 | -0.40 | 46.22 | 54.00 | -7.78 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

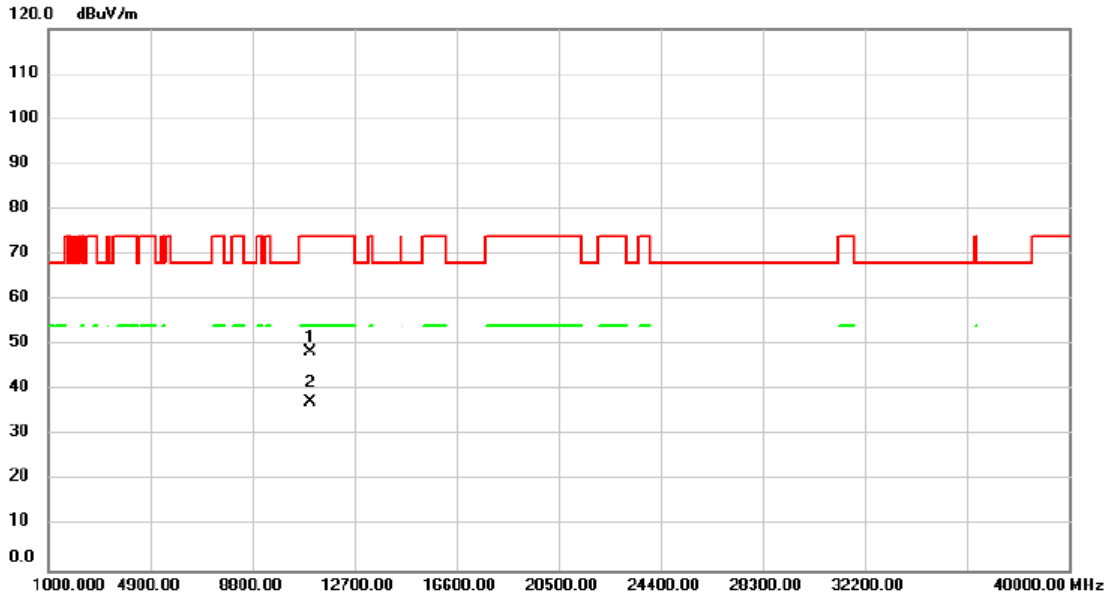
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5500MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 10984.00 | 60.96 | -0.28 | 60.68 | 74.00 | -13.32 | peak | | | |
| 2 | * | 10984.00 | 50.40 | -0.28 | 50.12 | 54.00 | -3.88 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

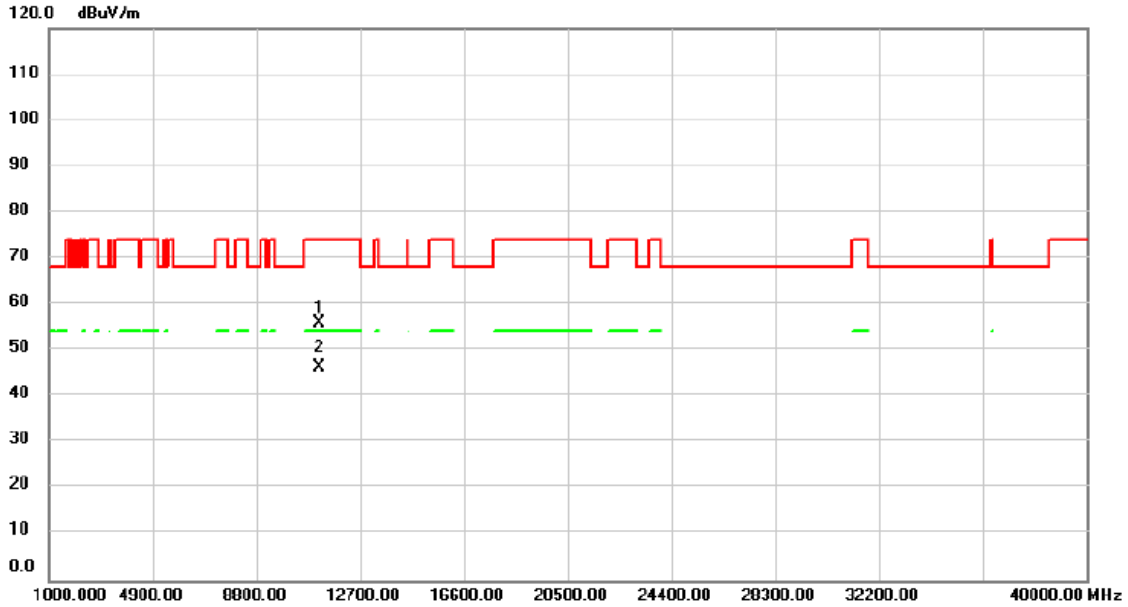
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5500MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 10984.00 | 48.72 | -0.28 | 48.44 | 74.00 | -25.56 | peak | | | |
| 2 | * | 10984.00 | 37.70 | -0.28 | 37.42 | 54.00 | -16.58 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

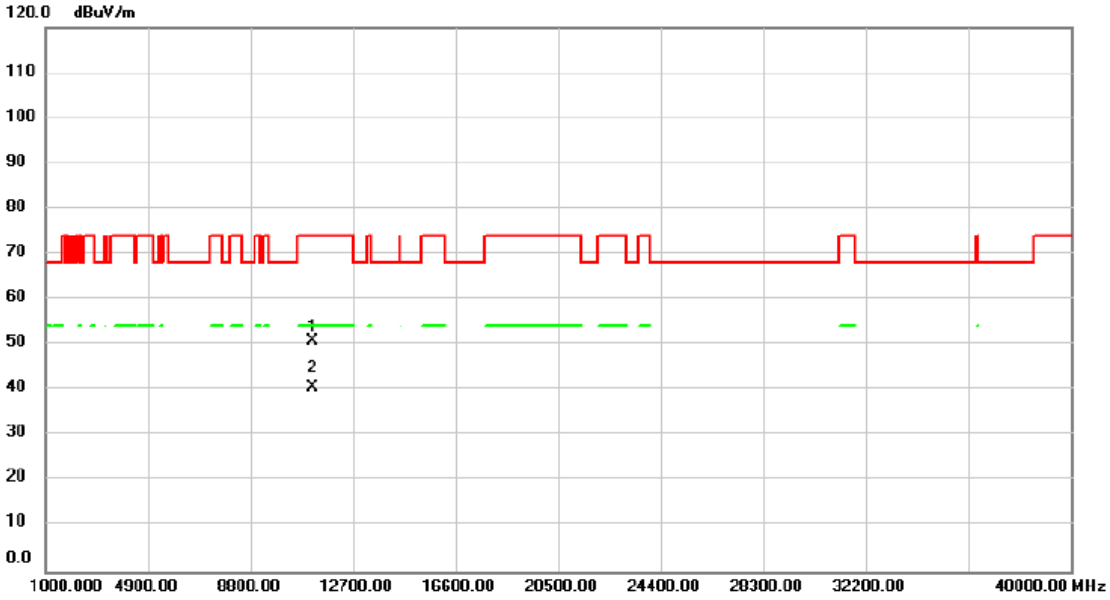
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5580MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11140.00 | 55.79 | 0.03 | 55.82 | 74.00 | -18.18 | peak | | | |
| 2 | * | 11140.00 | 46.35 | 0.03 | 46.38 | 54.00 | -7.62 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

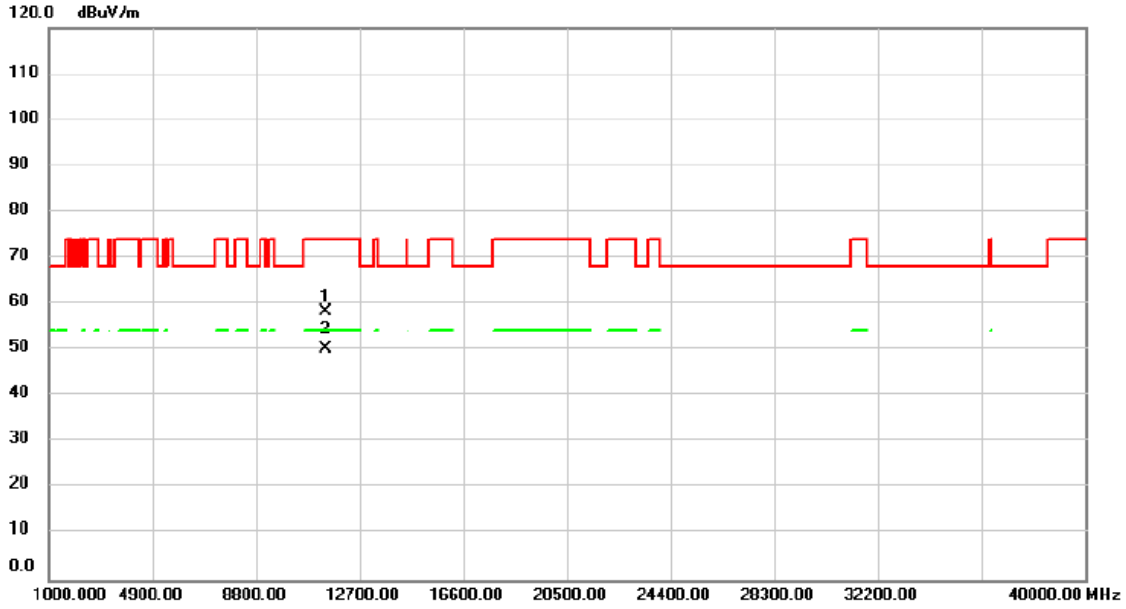
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5580MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11160.00 | 50.77 | 0.08 | 50.85 | 74.00 | -23.15 | peak | | | |
| 2 | * | 11160.00 | 40.57 | 0.08 | 40.65 | 54.00 | -13.35 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

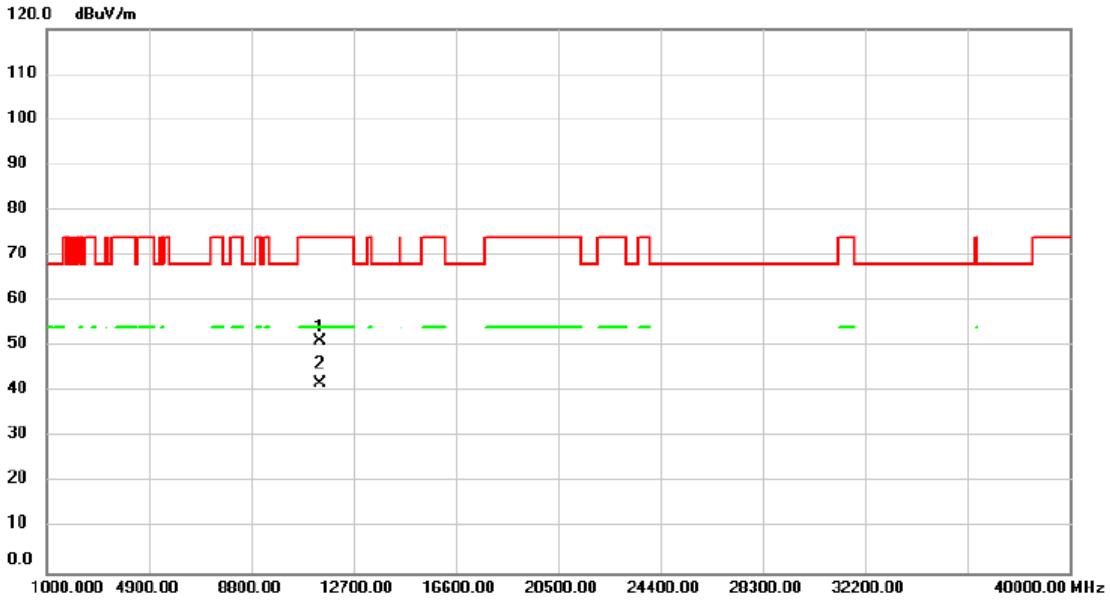
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5700MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11413.00 | 57.81 | 0.64 | 58.45 | 74.00 | -15.55 | peak | | | |
| 2 | * | 11413.00 | 49.66 | 0.64 | 50.30 | 54.00 | -3.70 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

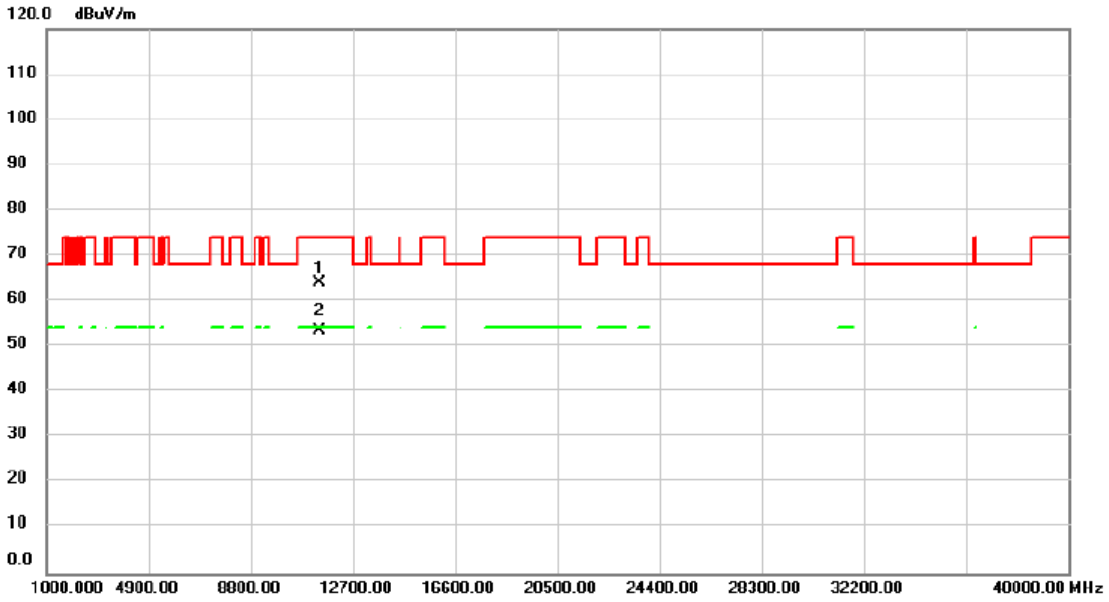
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5700MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11400.00 | 50.44 | 0.61 | 51.05 | 74.00 | -22.95 | peak | | | |
| 2 | * | 11400.00 | 41.10 | 0.61 | 41.71 | 54.00 | -12.29 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

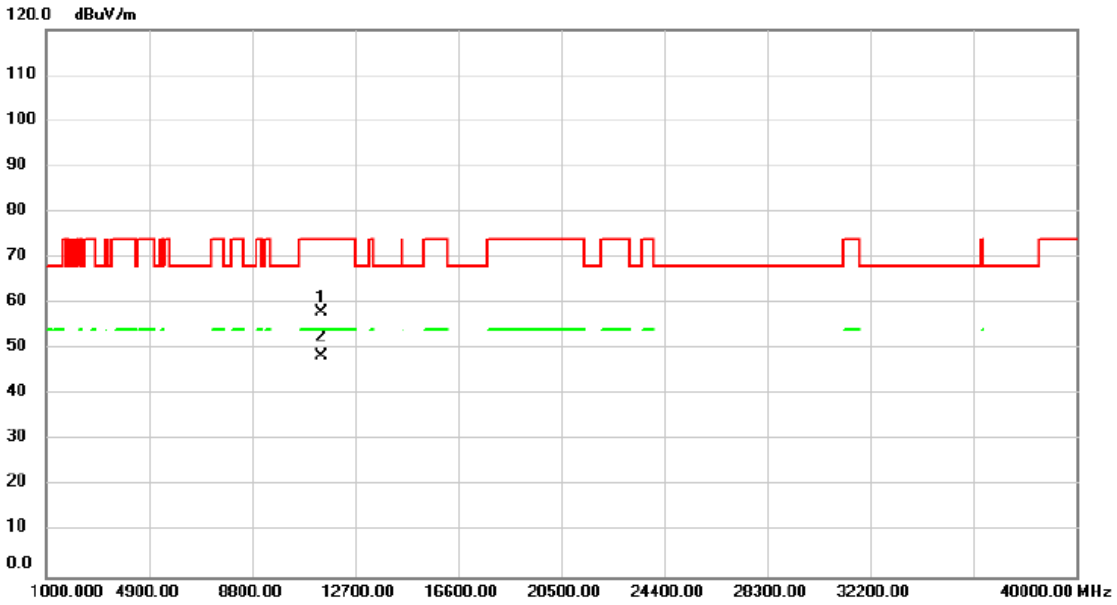
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5720MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11440.00 | 53.47 | 10.70 | 64.17 | 74.00 | -9.83 | peak | | | |
| 2 | * | 11440.00 | 42.92 | 10.70 | 53.62 | 54.00 | -0.38 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

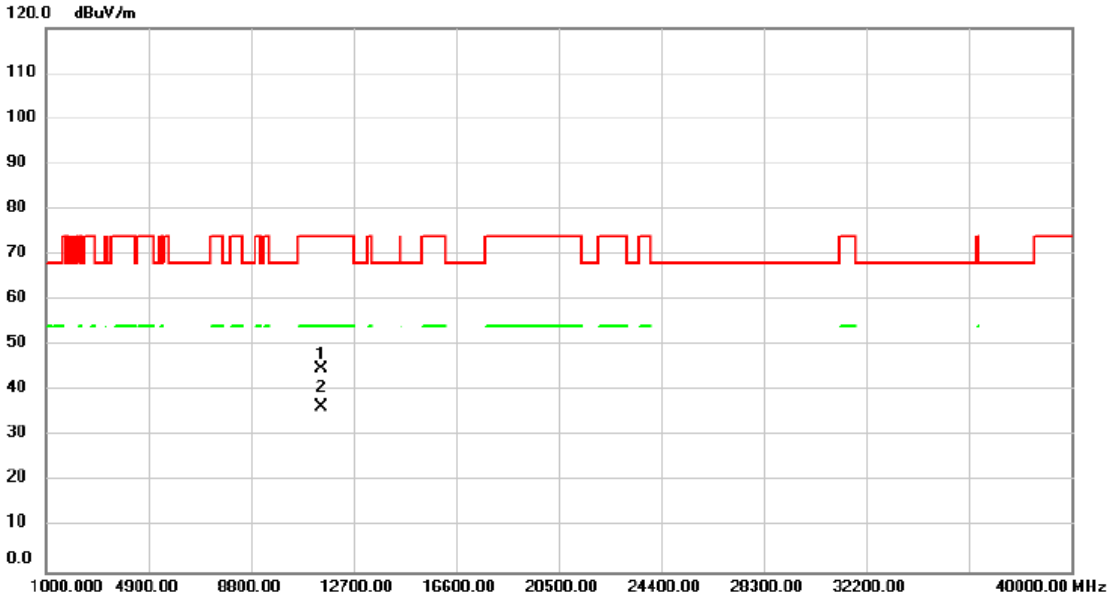
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5720MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11440.00 | 47.36 | 10.70 | 58.06 | 74.00 | -15.94 | peak | | | |
| 2 | * | 11440.00 | 37.87 | 10.70 | 48.57 | 54.00 | -5.43 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

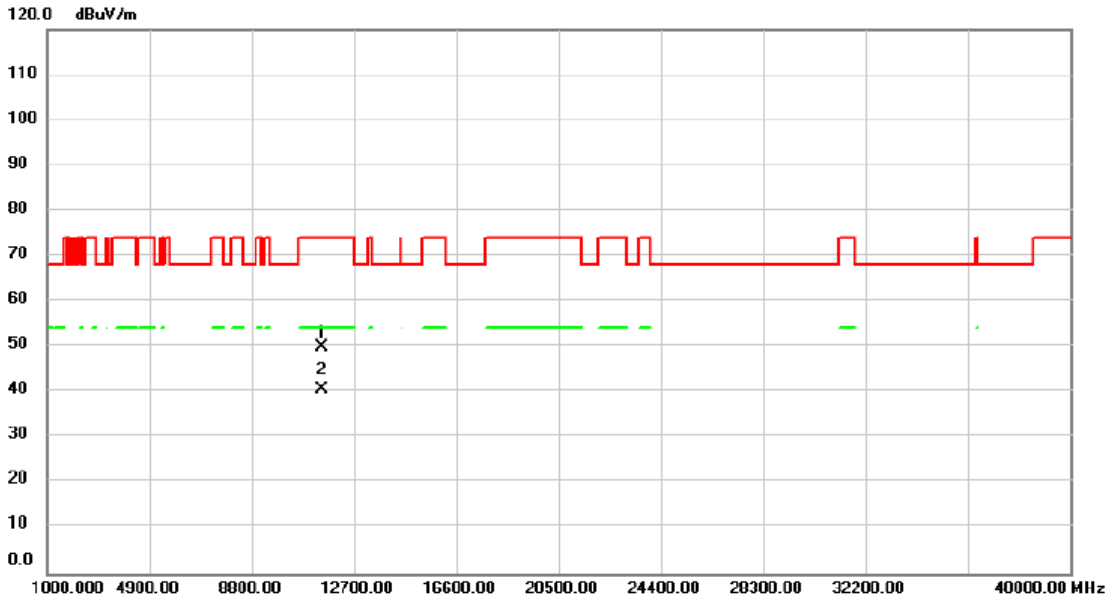
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5745MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11490.00 | 44.06 | 0.82 | 44.88 | 74.00 | -29.12 | peak | | | |
| 2 | * | 11490.00 | 35.68 | 0.82 | 36.50 | 54.00 | -17.50 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

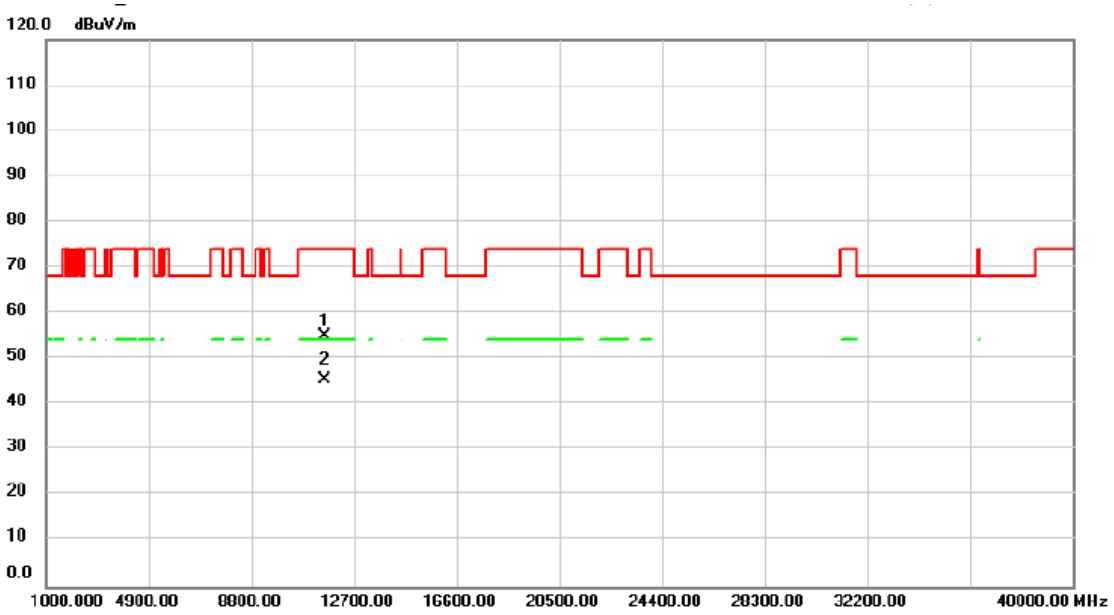
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5745MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11491.00 | 49.17 | 0.82 | 49.99 | 74.00 | -24.01 | peak | | | |
| 2 | * | 11491.00 | 39.96 | 0.82 | 40.78 | 54.00 | -13.22 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

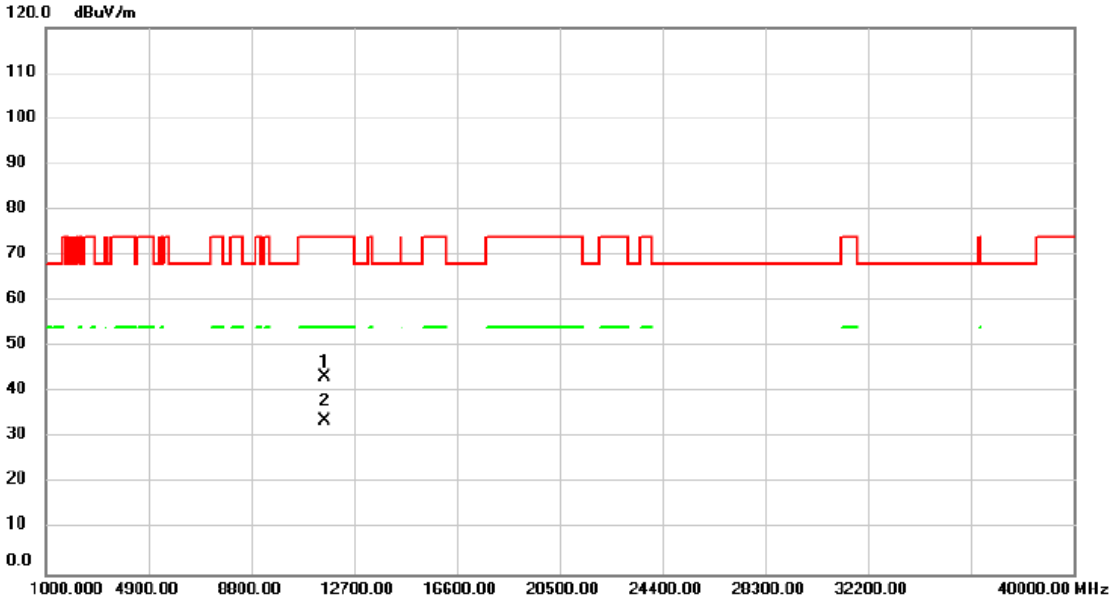
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5785MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11569.00 | 54.18 | 0.83 | 55.01 | 74.00 | -18.99 | peak | | | |
| 2 | * | 11569.00 | 44.72 | 0.83 | 45.55 | 54.00 | -8.45 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

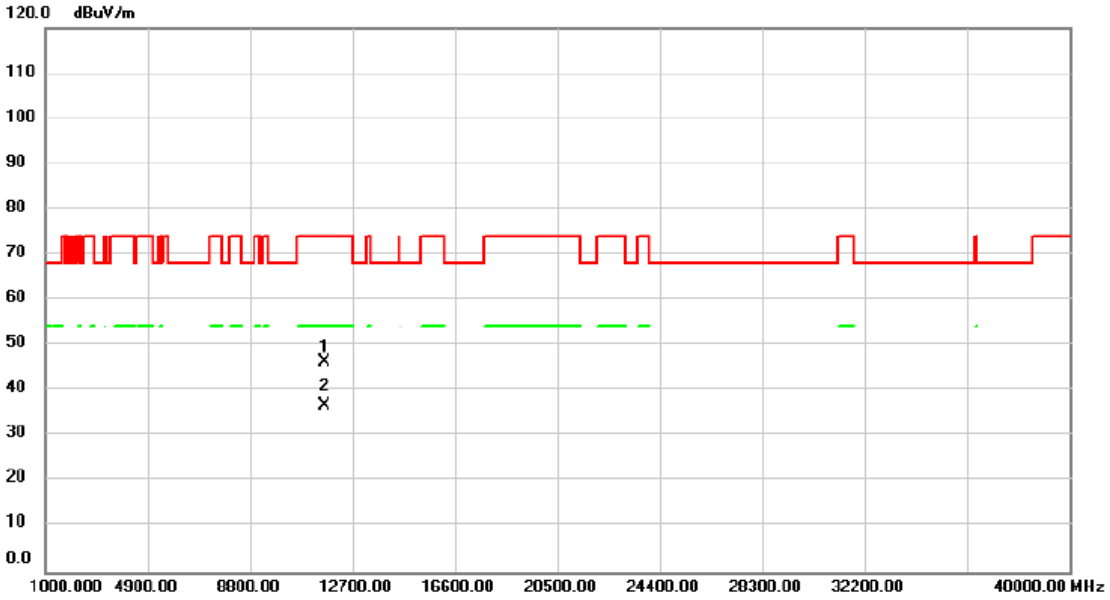
| Test Mode | IEEE 802.11a | Test Date | 2024/6/24 |
|---|---|---|---|
| Test Frequency | 5785MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11569.00 | 42.37 | 0.83 | 43.20 | 74.00 | -30.80 | peak | | | |
| 2 | * | 11569.00 | 32.77 | 0.83 | 33.60 | 54.00 | -20.40 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

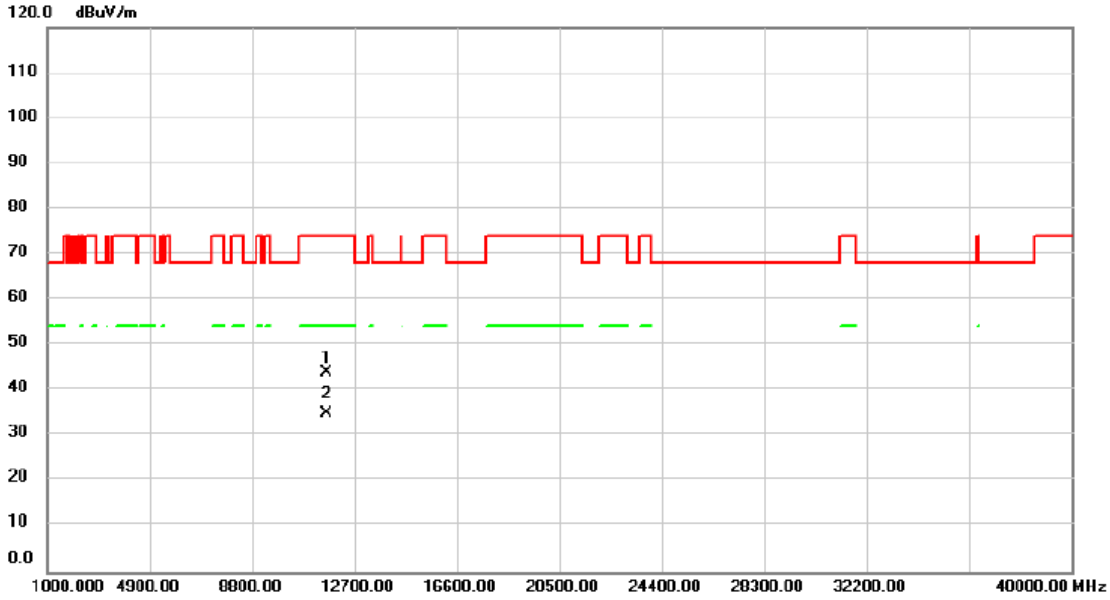
| Test Mode | IEEE 802.11a | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5825MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11647.00 | 45.55 | 0.83 | 46.38 | 74.00 | -27.62 | peak | | | |
| 2 | * | 11647.00 | 35.85 | 0.83 | 36.68 | 54.00 | -17.32 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

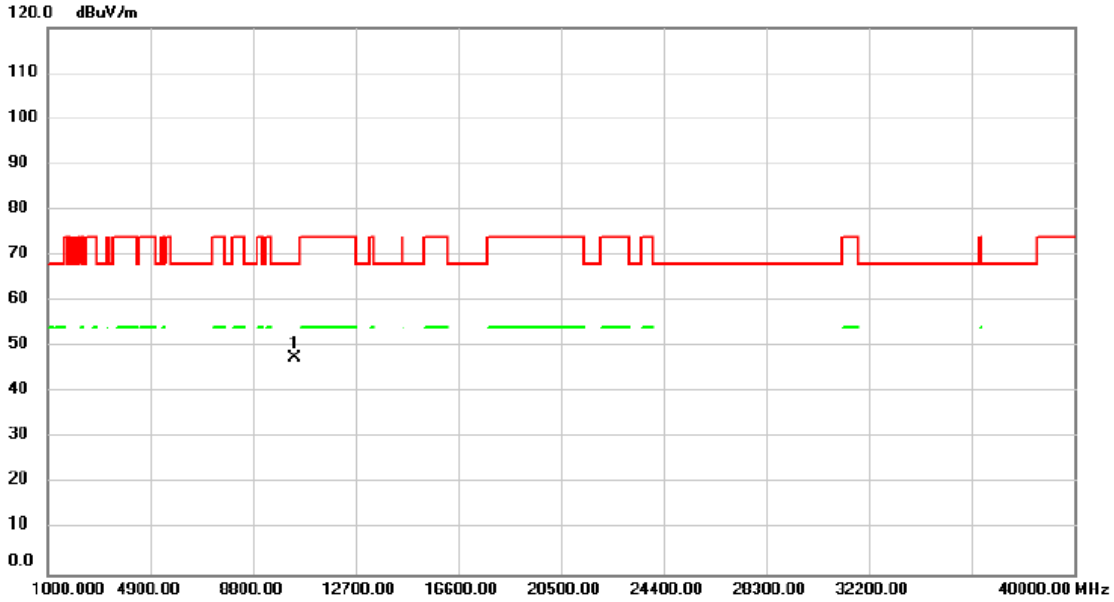
| Test Mode | IEEE 802.11a | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5825MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11647.00 | 42.98 | 0.83 | 43.81 | 74.00 | -30.19 | peak | | | |
| 2 | * | 11647.00 | 34.07 | 0.83 | 34.90 | 54.00 | -19.10 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

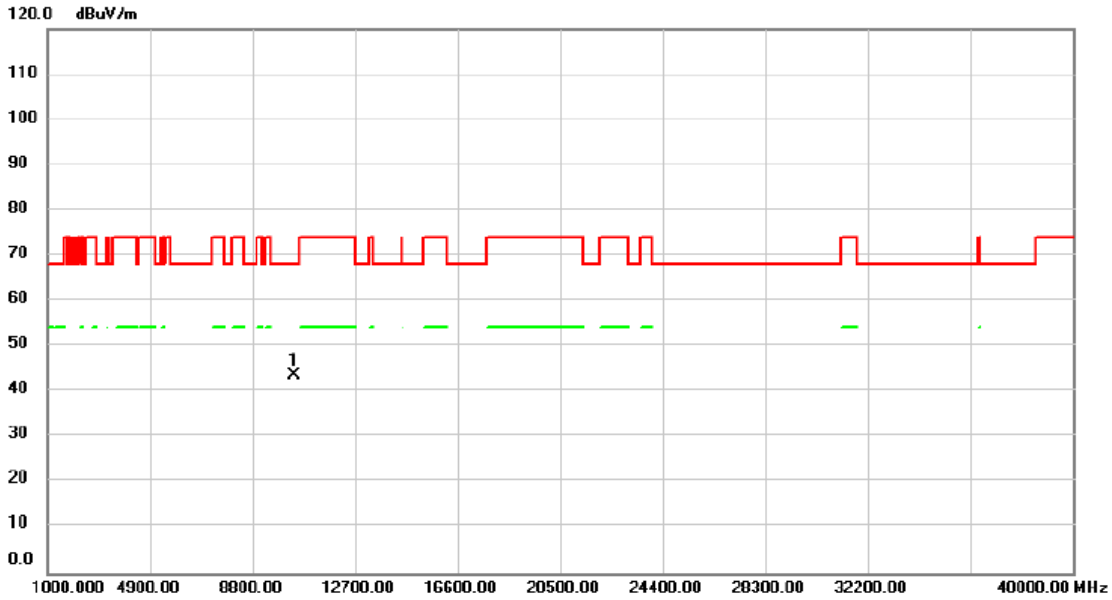
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5180MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10360.00 | 48.08 | -0.60 | 47.48 | 68.20 | -20.72 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

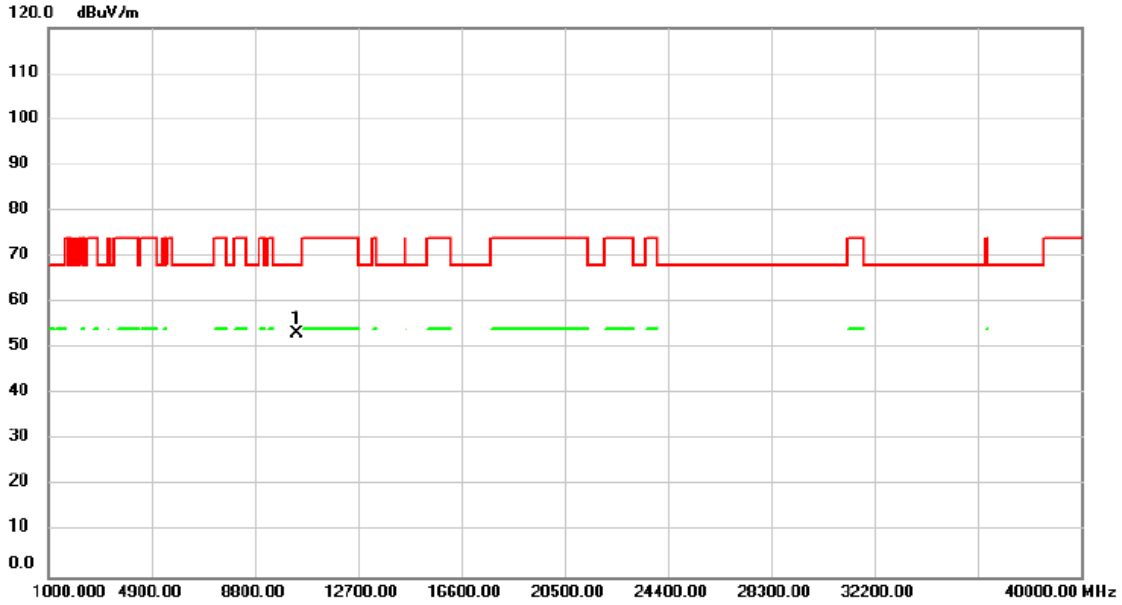
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5180MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10360.00 | 44.32 | -0.60 | 43.72 | 68.20 | -24.48 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

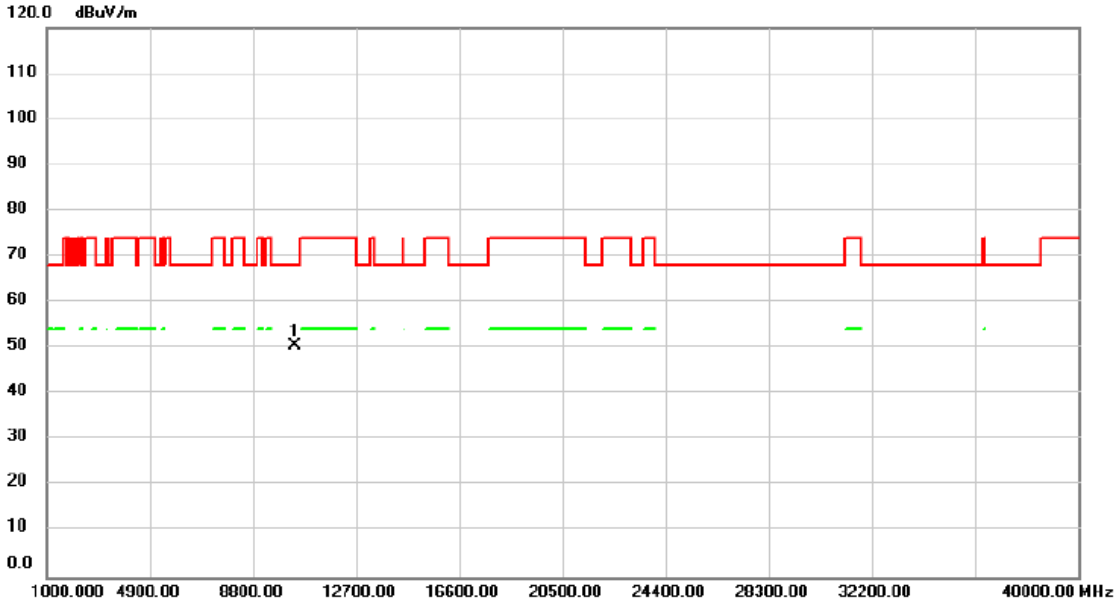
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5200MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10399.00 | 53.93 | -0.55 | 53.38 | 68.20 | -14.82 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

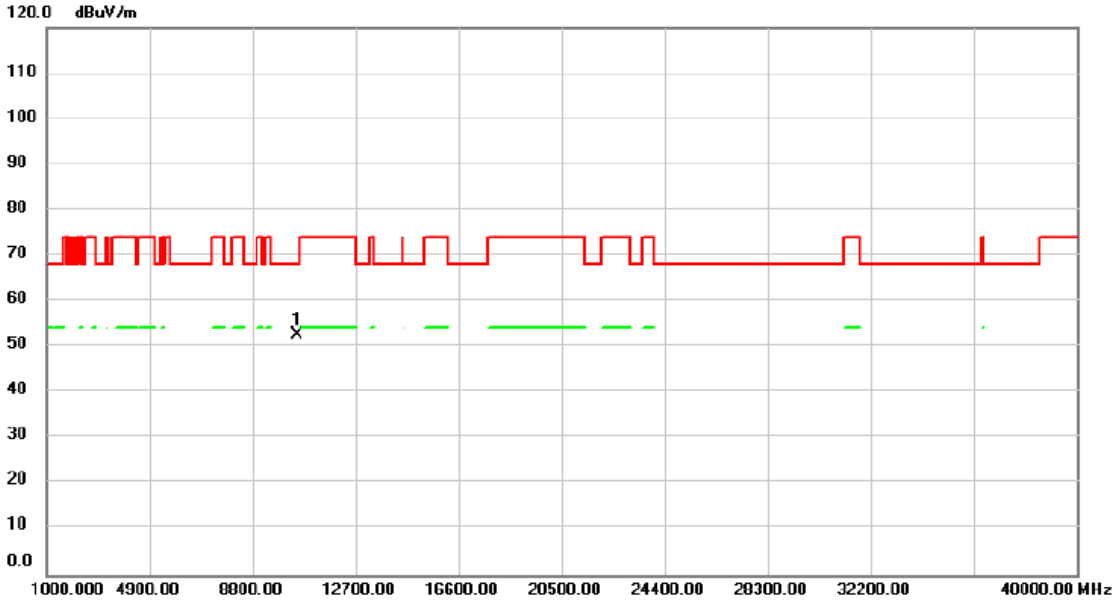
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5200MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10399.00 | 51.18 | -0.55 | 50.63 | 68.20 | -17.57 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

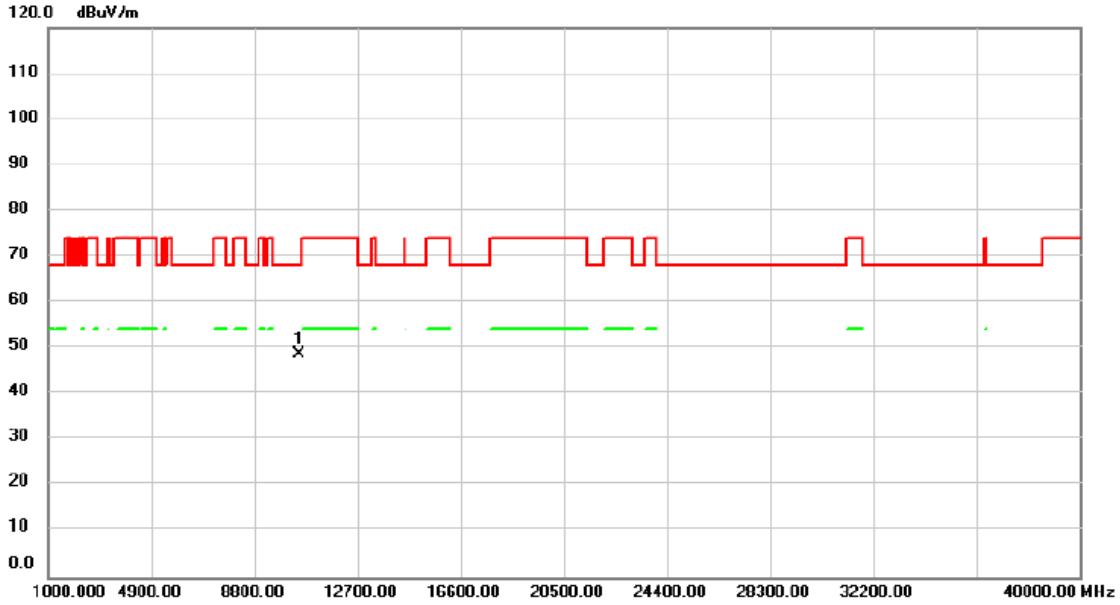
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5240MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10477.00 | 53.12 | -0.47 | 52.65 | 68.20 | -15.55 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

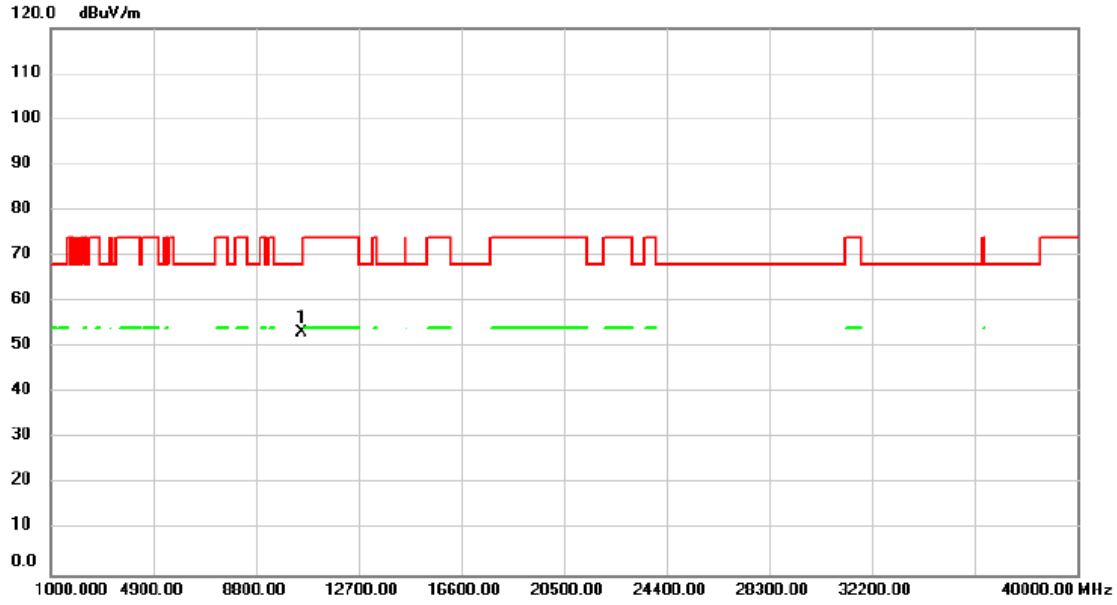
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5240MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10477.00 | 49.16 | -0.47 | 48.69 | 68.20 | -19.51 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

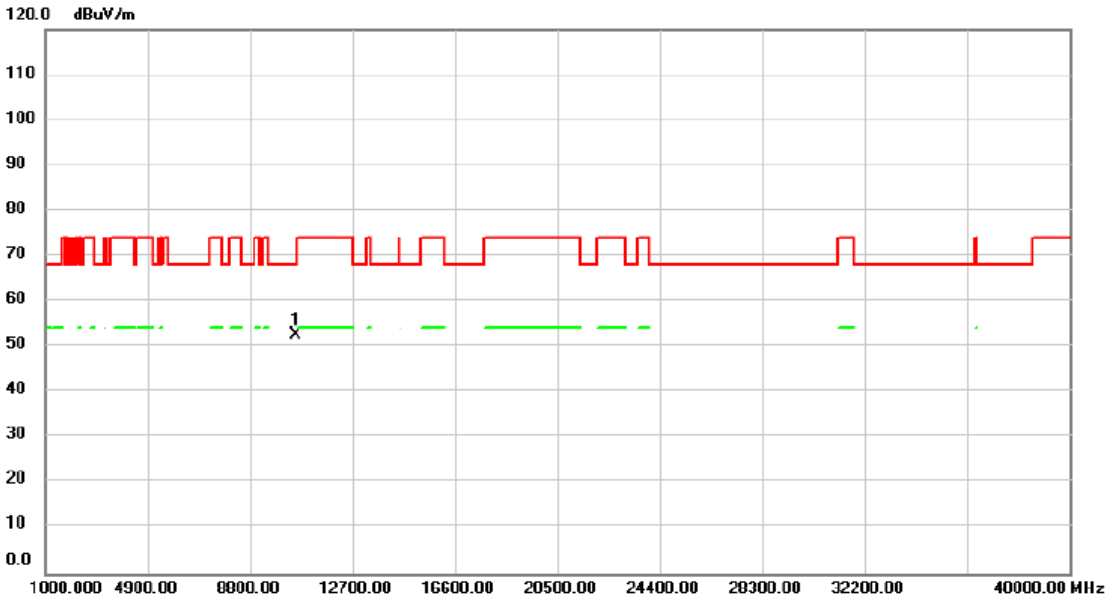
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5260MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10516.00 | 53.80 | -0.44 | 53.36 | 68.20 | -14.84 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

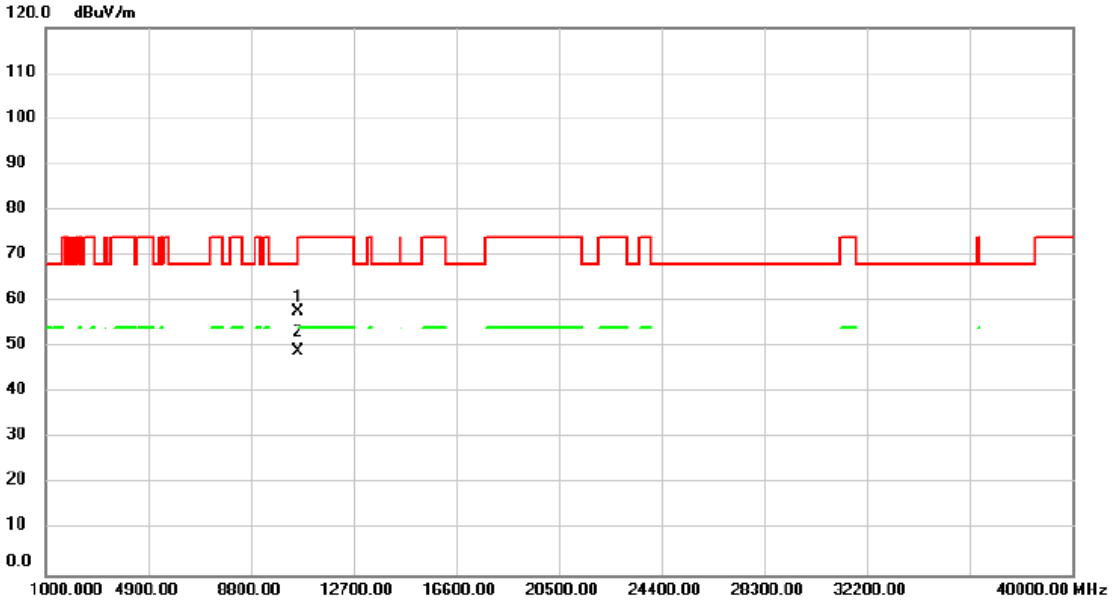
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5260MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10516.00 | 53.12 | -0.44 | 52.68 | 68.20 | -15.52 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

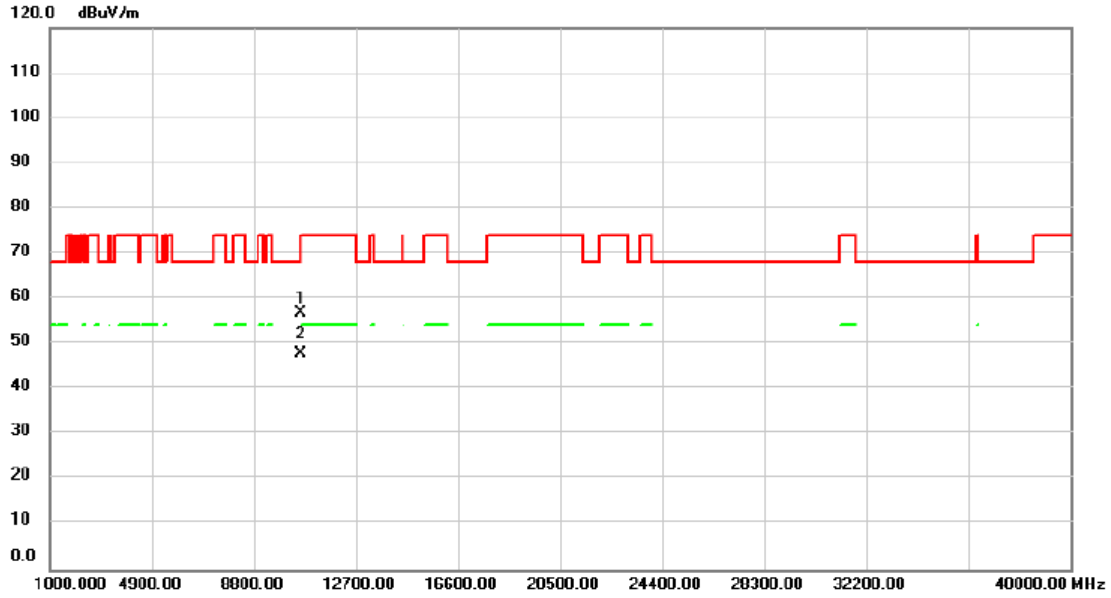
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5300MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10594.00 | 58.10 | -0.42 | 57.68 | 68.20 | -10.52 | peak | | | |
| 2 | | 10594.00 | 49.49 | -0.42 | 49.07 | 68.20 | -19.13 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

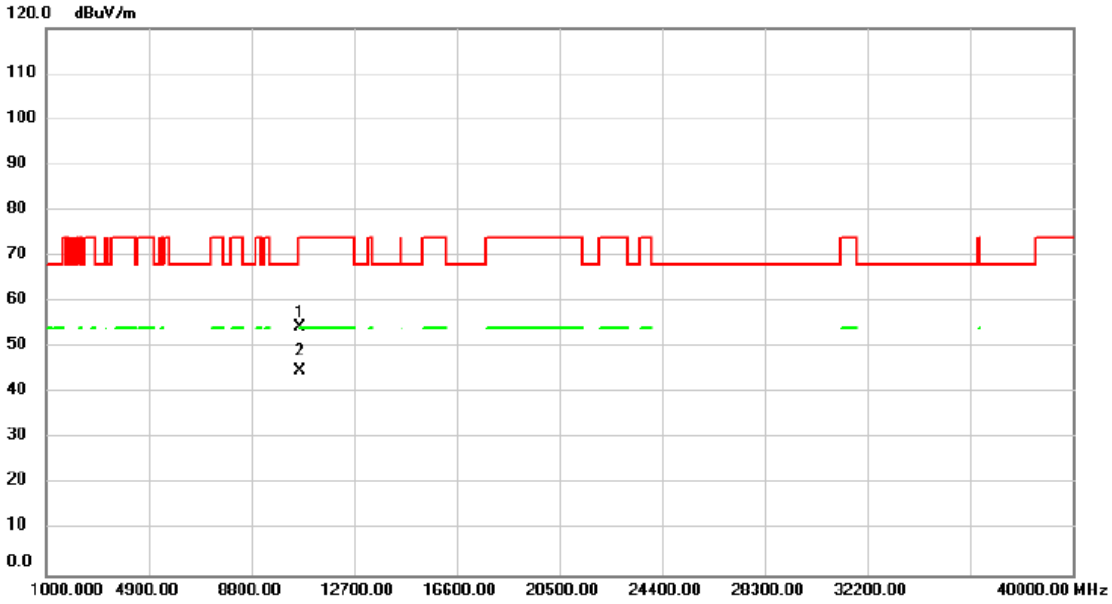
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5300MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10594.00 | 57.35 | -0.42 | 56.93 | 68.20 | -11.27 | peak | | | |
| 2 | | 10594.00 | 48.13 | -0.42 | 47.71 | 68.20 | -20.49 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

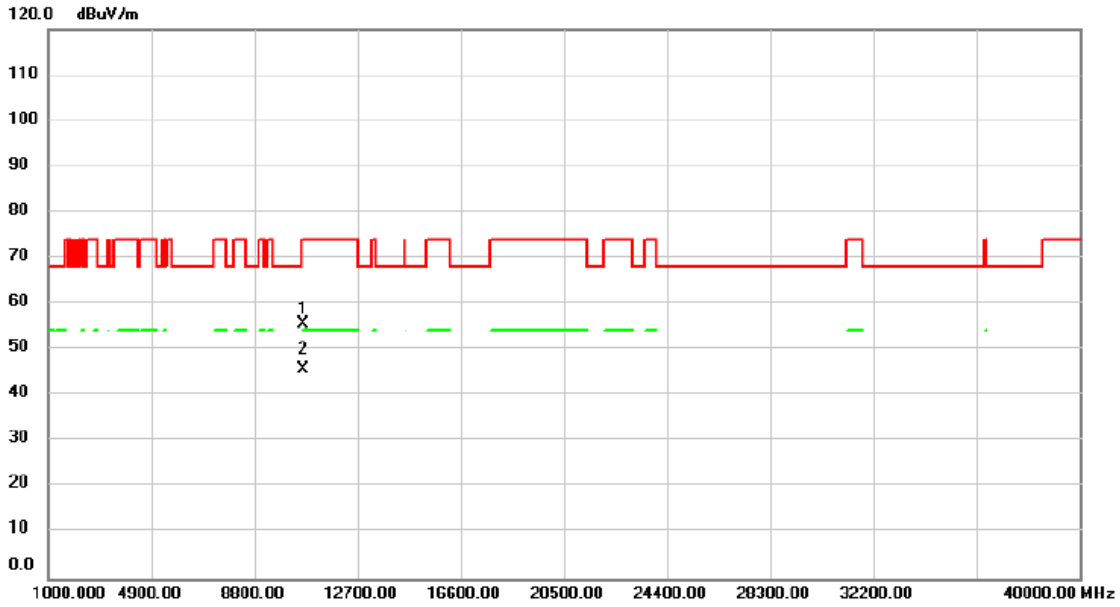
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5320MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 10633.00 | 54.90 | -0.40 | 54.50 | 74.00 | -19.50 | peak | | | |
| 2 | * | 10633.00 | 45.28 | -0.40 | 44.88 | 54.00 | -9.12 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

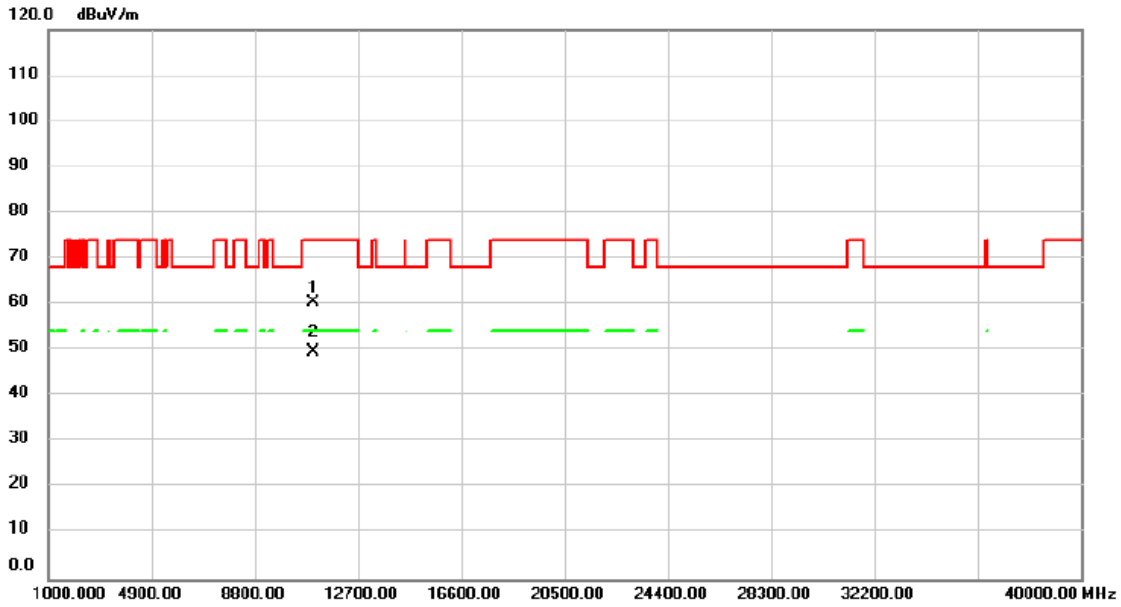
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5320MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 10633.00 | 55.92 | -0.40 | 55.52 | 74.00 | -18.48 | peak | | | |
| 2 | * | 10633.00 | 46.11 | -0.40 | 45.71 | 54.00 | -8.29 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

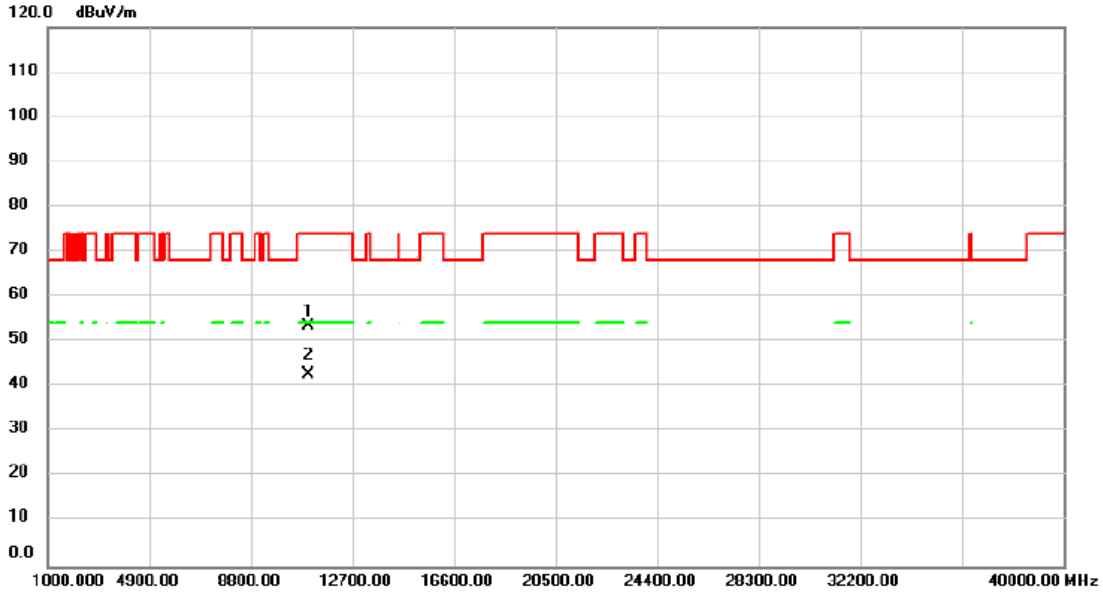
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5500MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 10984.00 | 60.60 | -0.28 | 60.32 | 74.00 | -13.68 | peak | | | |
| 2 | * | 10984.00 | 49.83 | -0.28 | 49.55 | 54.00 | -4.45 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

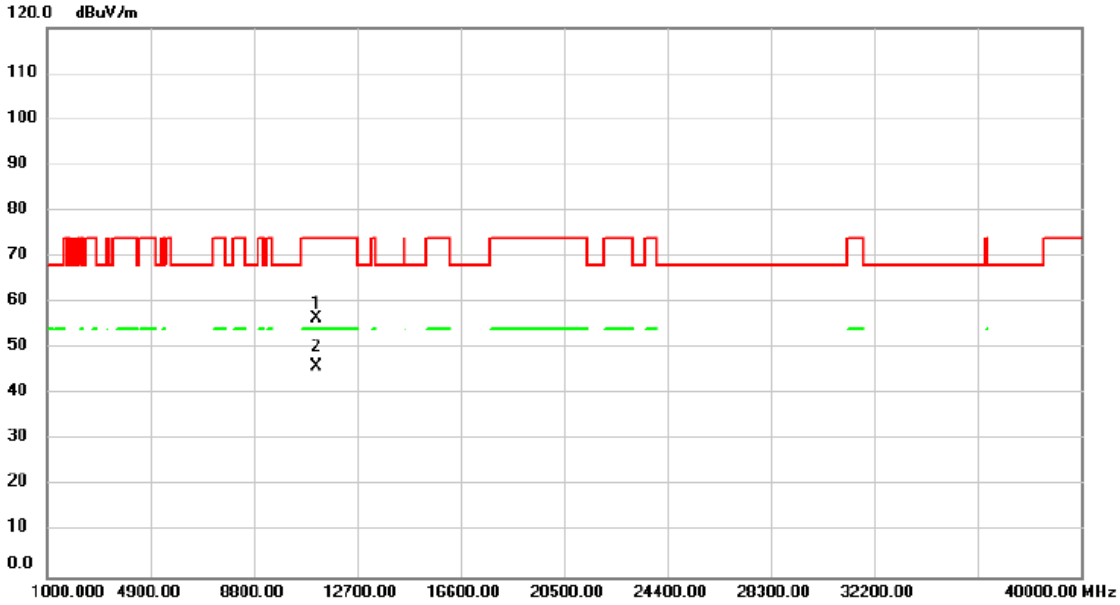
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5500MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 10984.00 | 53.81 | -0.28 | 53.53 | 74.00 | -20.47 | peak | | | |
| 2 | * | 10984.00 | 43.08 | -0.28 | 42.80 | 54.00 | -11.20 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

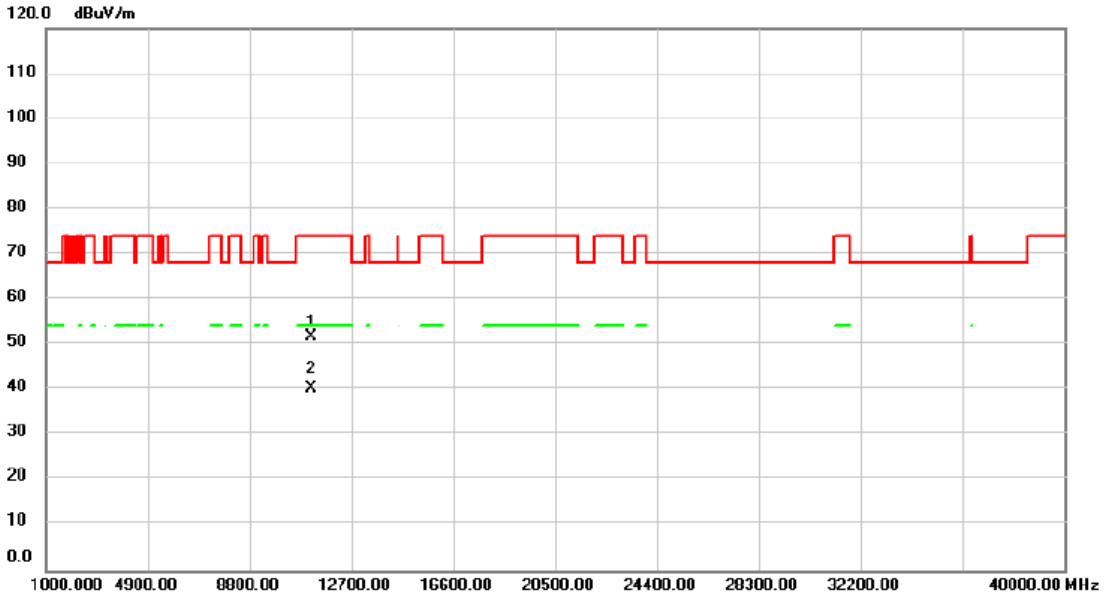
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5580MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11160.00 | 56.58 | 0.08 | 56.66 | 74.00 | -17.34 | peak | | | |
| 2 | * | 11160.00 | 45.90 | 0.08 | 45.98 | 54.00 | -8.02 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

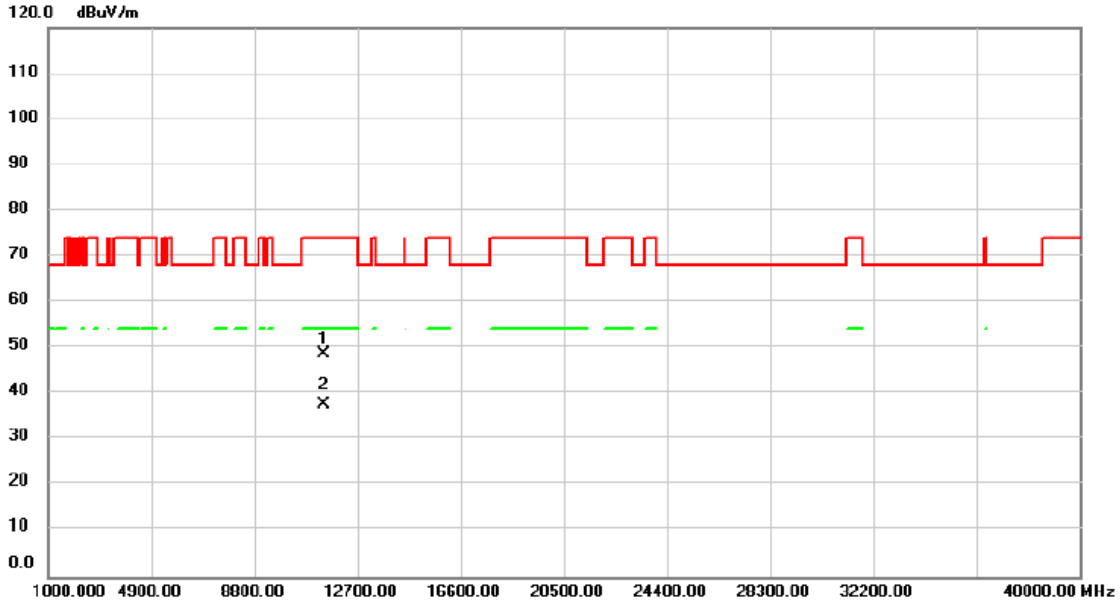
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5580MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11179.00 | 51.78 | 0.12 | 51.90 | 74.00 | -22.10 | peak | | | |
| 2 | * | 11179.00 | 40.38 | 0.12 | 40.50 | 54.00 | -13.50 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

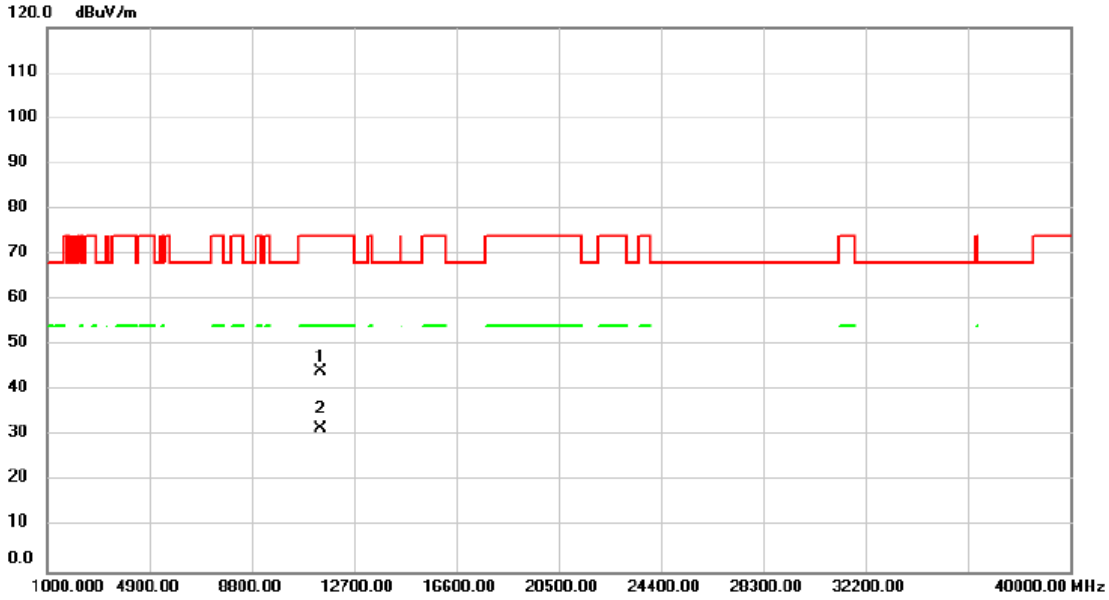
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5700MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11400.00 | 48.24 | 0.61 | 48.85 | 74.00 | -25.15 | peak | | | |
| 2 | * | 11400.00 | 36.94 | 0.61 | 37.55 | 54.00 | -16.45 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

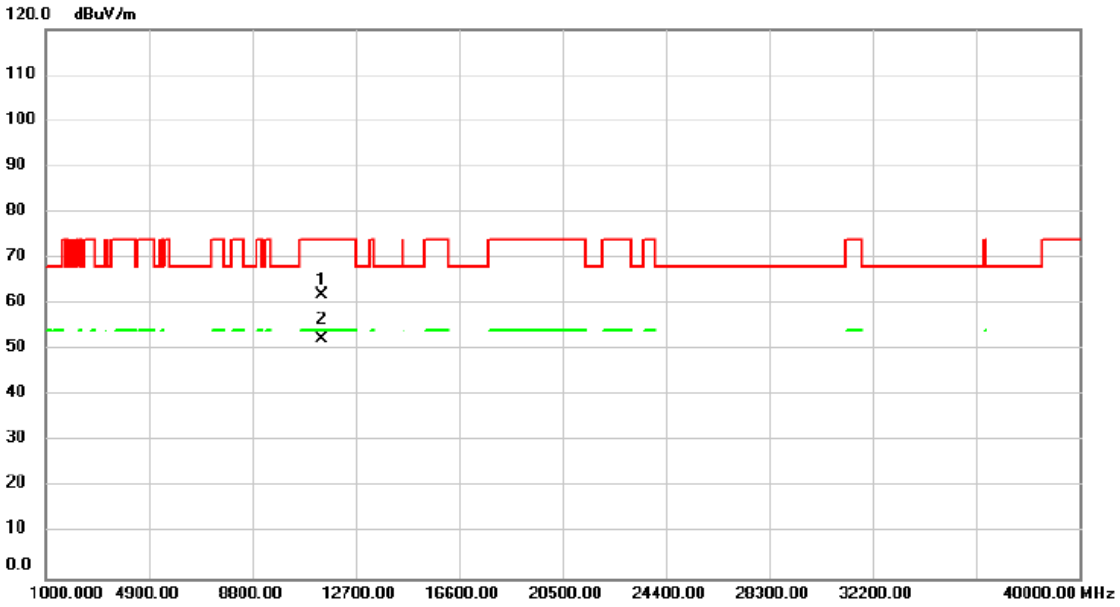
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5700MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11413.00 | 43.63 | 0.64 | 44.27 | 74.00 | -29.73 | peak | | | |
| 2 | * | 11413.00 | 31.11 | 0.64 | 31.75 | 54.00 | -22.25 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

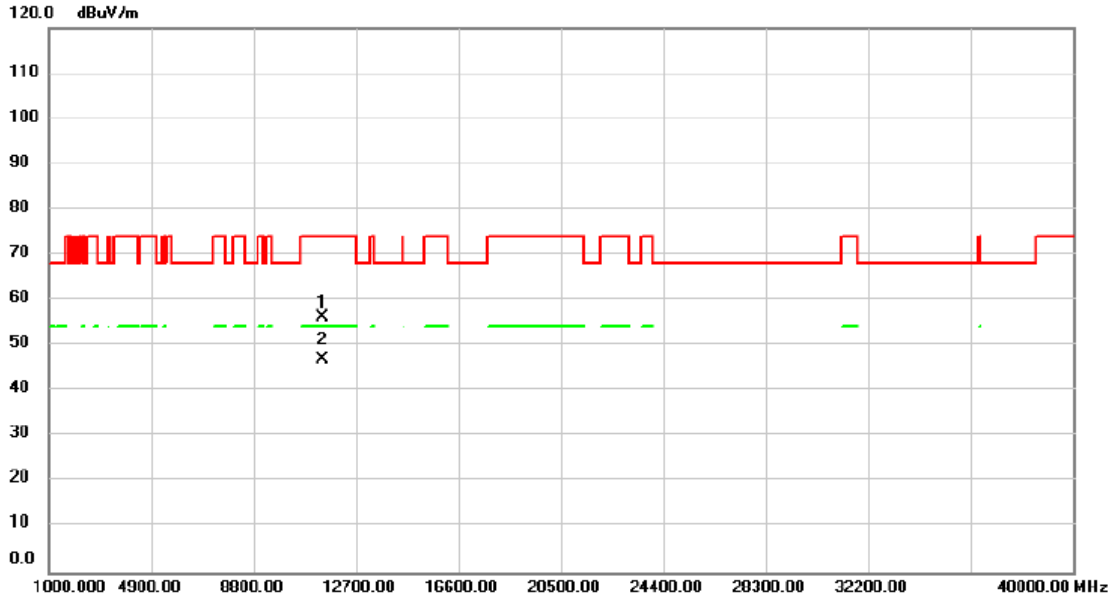
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/7/19 |
|---|---|---|---|
| Test Frequency | 5720MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11440.00 | 51.16 | 10.70 | 61.86 | 74.00 | -12.14 | peak | | | |
| 2 | * | 11440.00 | 41.75 | 10.70 | 52.45 | 54.00 | -1.55 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

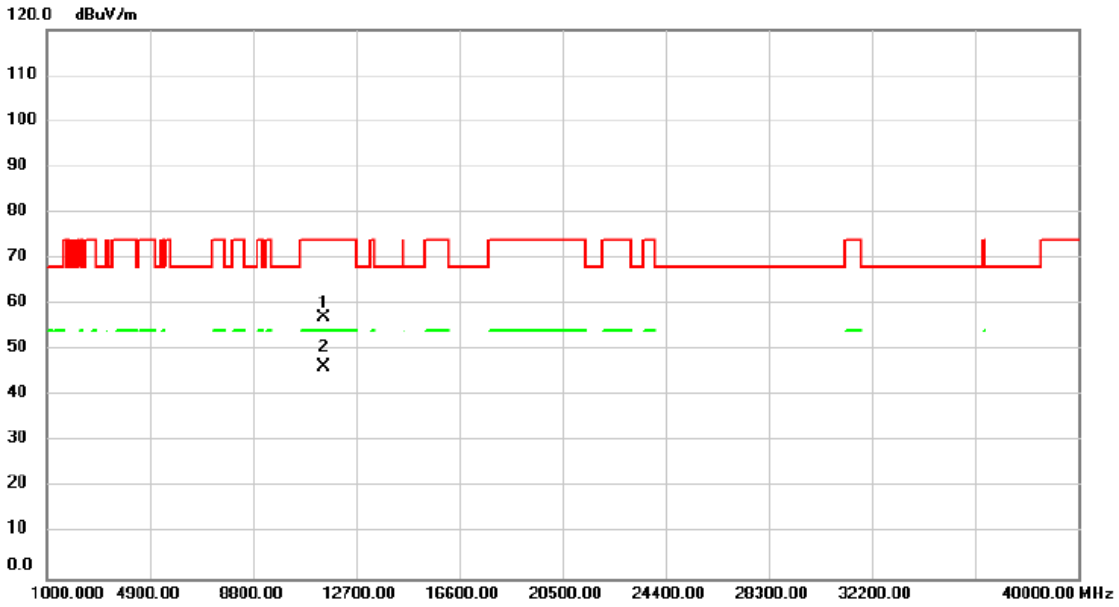
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/7/19 |
|---|---|---|---|
| Test Frequency | 5720MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11440.00 | 45.52 | 10.70 | 56.22 | 74.00 | -17.78 | peak | | | |
| 2 | * | 11440.00 | 36.26 | 10.70 | 46.96 | 54.00 | -7.04 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

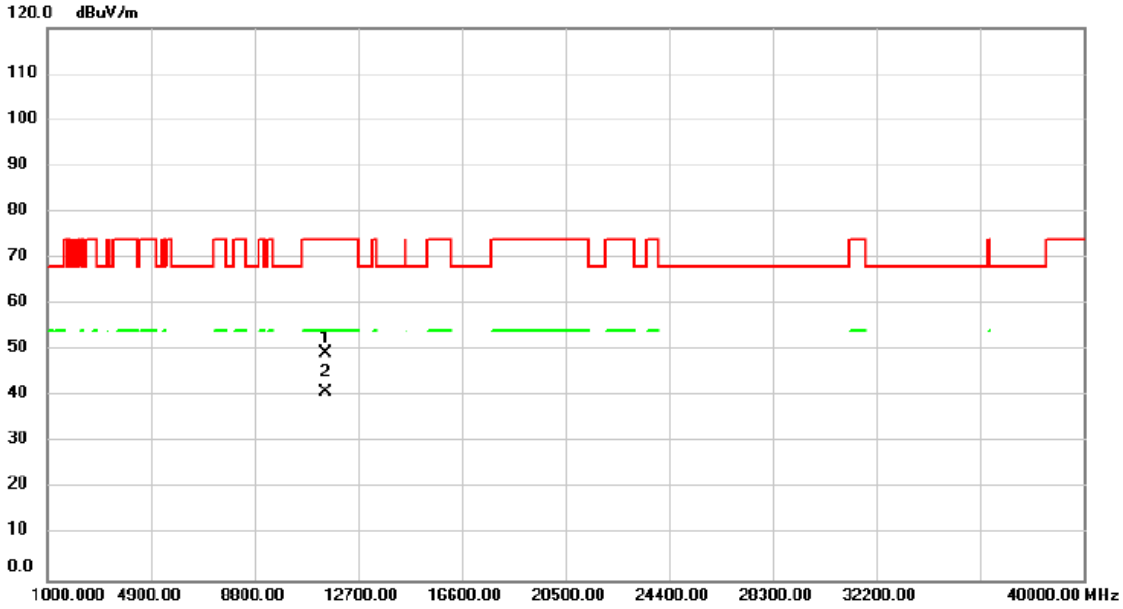
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5745MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11490.00 | 56.19 | 0.82 | 57.01 | 74.00 | -16.99 | peak | | | |
| 2 | * | 11490.00 | 45.39 | 0.82 | 46.21 | 54.00 | -7.79 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

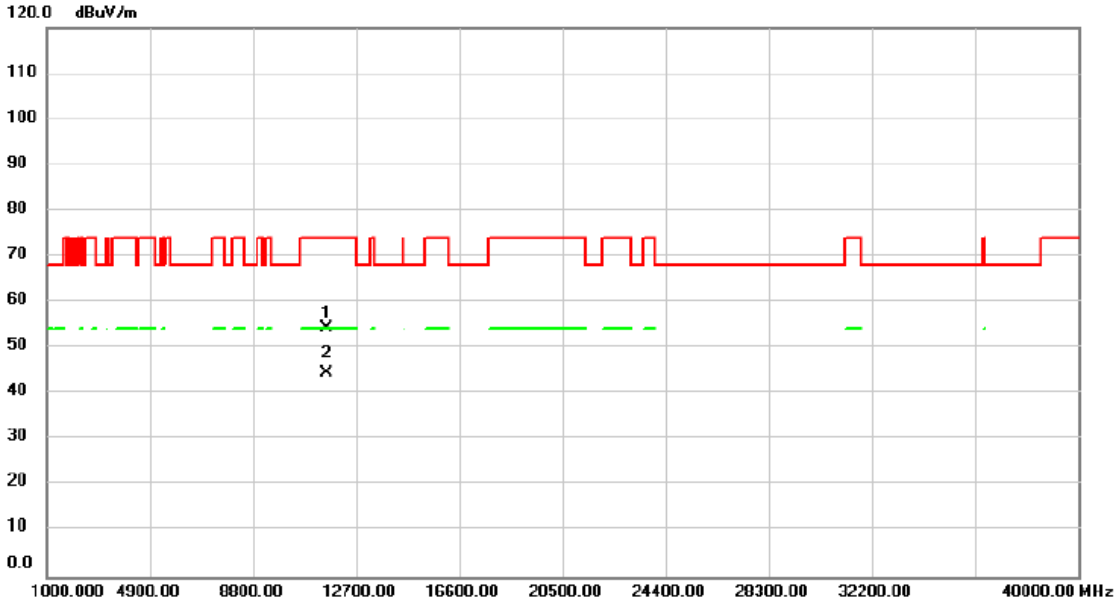
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5745MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11490.00 | 48.53 | 0.82 | 49.35 | 74.00 | -24.65 | peak | | | |
| 2 | * | 11490.00 | 40.02 | 0.82 | 40.84 | 54.00 | -13.16 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

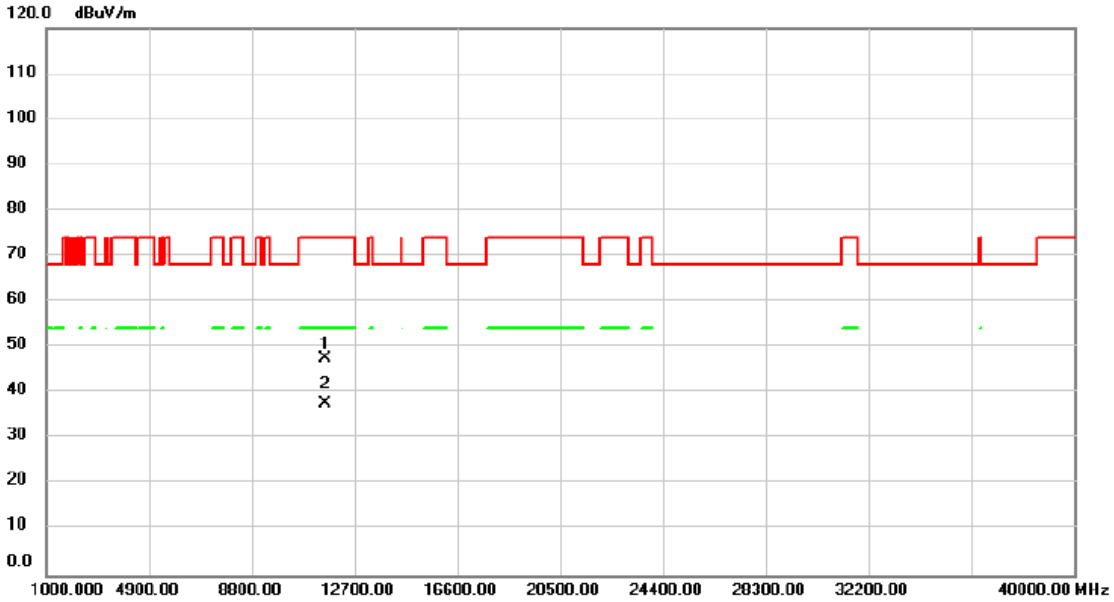
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5785MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11569.00 | 53.70 | 0.83 | 54.53 | 74.00 | -19.47 | peak | | | |
| 2 | * | 11569.00 | 43.77 | 0.83 | 44.60 | 54.00 | -9.40 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

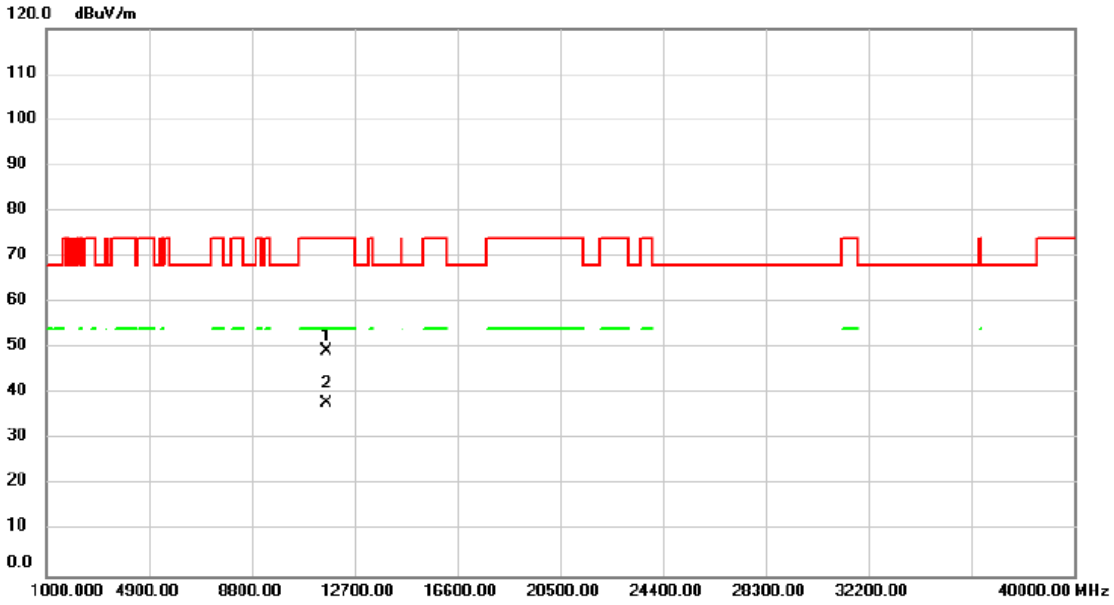
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5785MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11569.00 | 46.79 | 0.83 | 47.62 | 74.00 | -26.38 | peak | | | |
| 2 | * | 11569.00 | 36.69 | 0.83 | 37.52 | 54.00 | -16.48 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

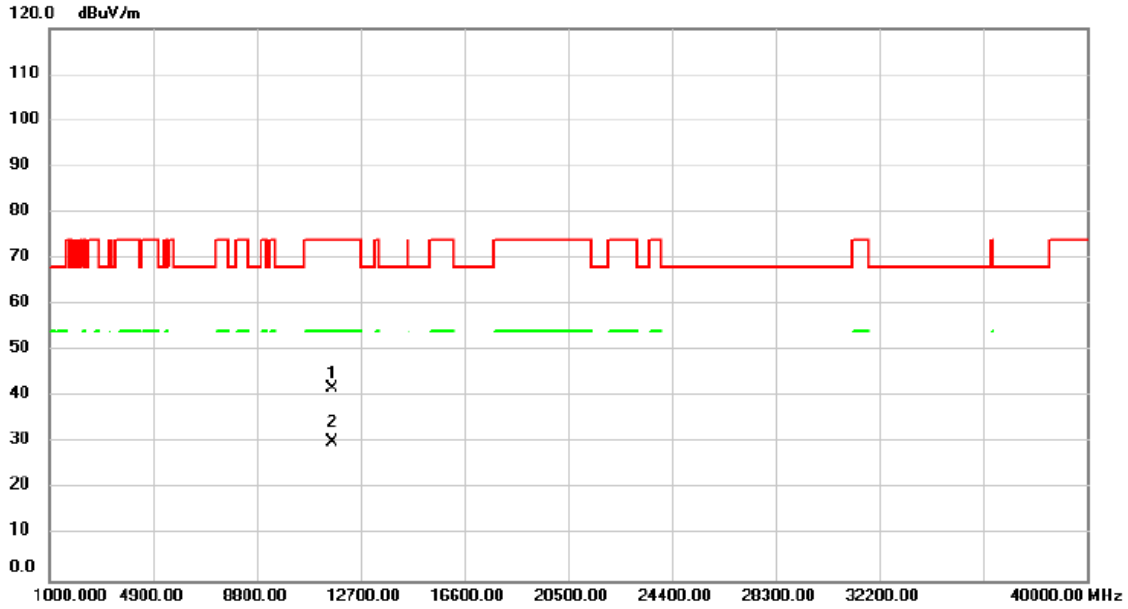
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5825MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11647.00 | 48.43 | 0.83 | 49.26 | 74.00 | -24.74 | peak | | | |
| 2 | * | 11647.00 | 37.25 | 0.83 | 38.08 | 54.00 | -15.92 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

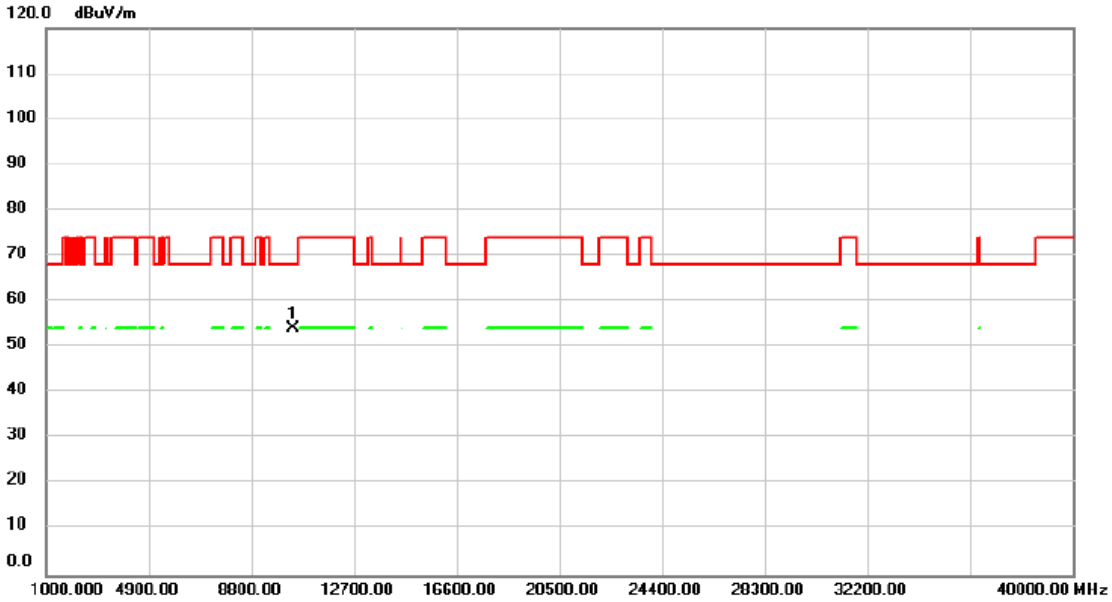
| Test Mode | IEEE 802.11ac (VHT20) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5825MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11647.00 | 40.92 | 0.83 | 41.75 | 74.00 | -32.25 | peak | | | |
| 2 | * | 11647.00 | 29.42 | 0.83 | 30.25 | 54.00 | -23.75 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

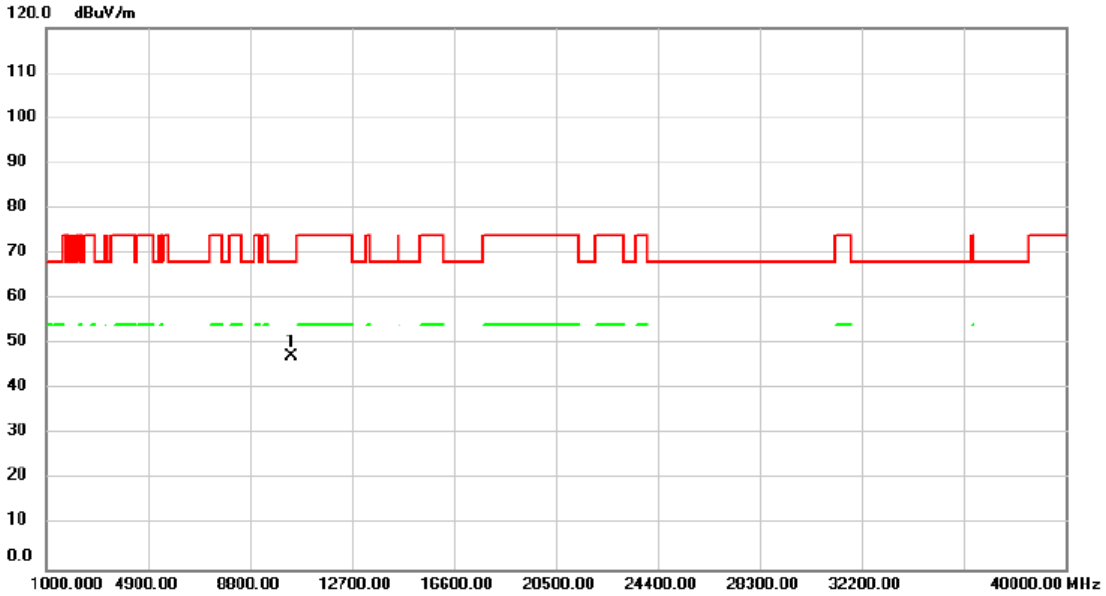
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5190MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10360.00 | 54.81 | -0.60 | 54.21 | 68.20 | -13.99 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

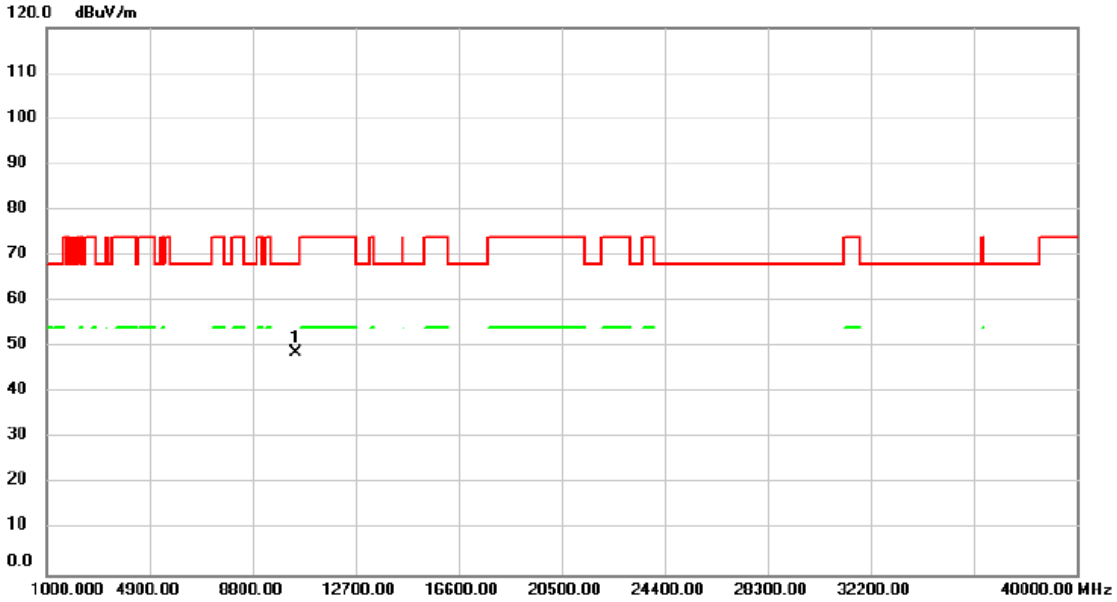
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5190MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10380.00 | 47.91 | -0.57 | 47.34 | 68.20 | -20.86 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

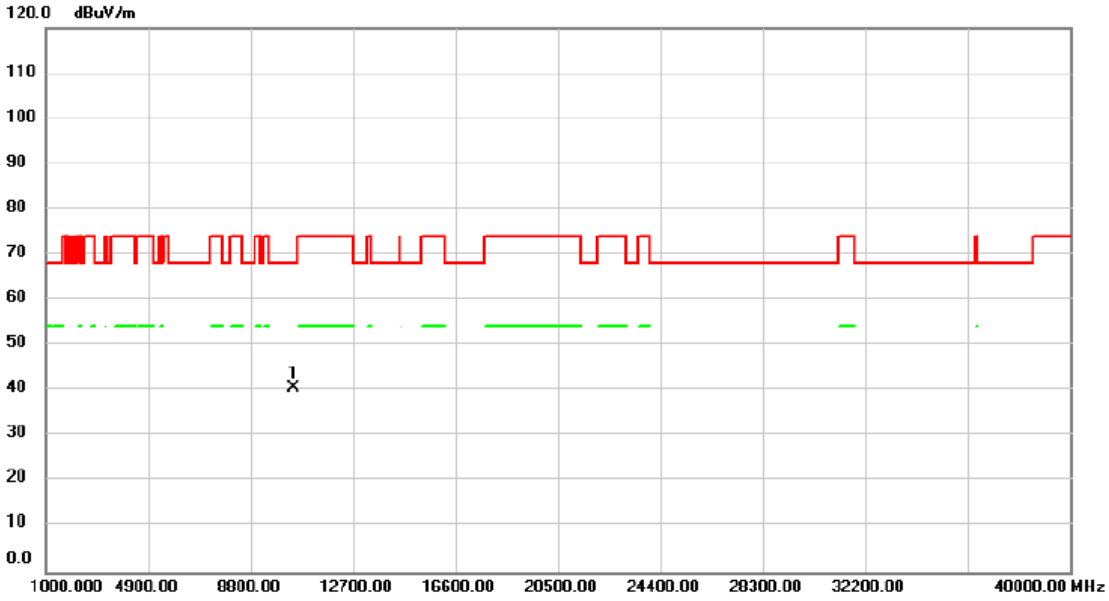
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5230MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10460.00 | 49.22 | -0.49 | 48.73 | 68.20 | -19.47 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

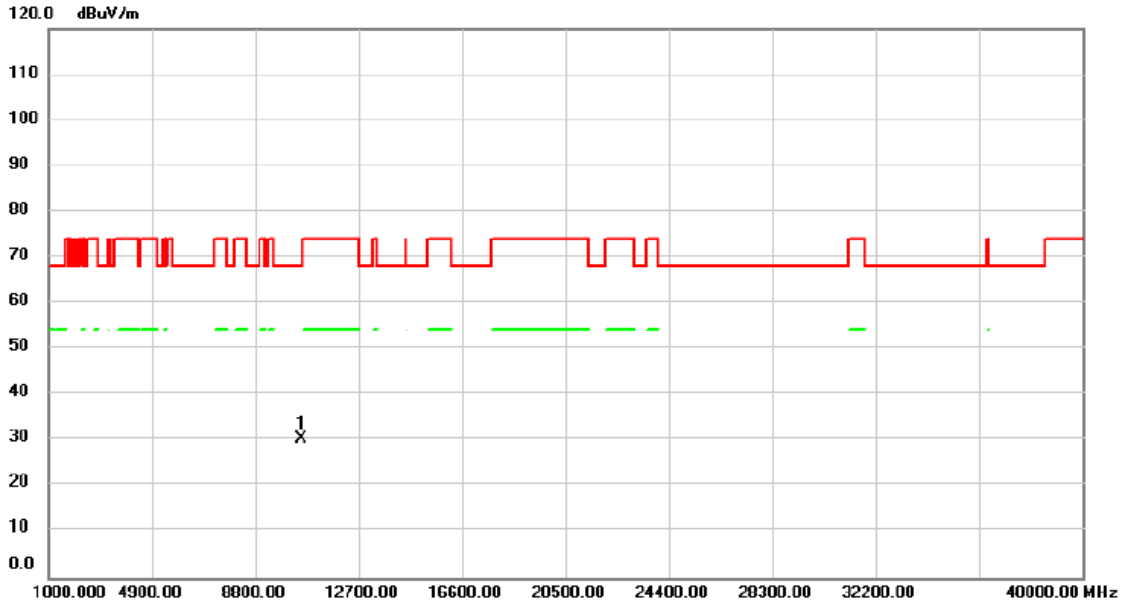
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5230MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10460.00 | 41.22 | -0.49 | 40.73 | 68.20 | -27.47 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

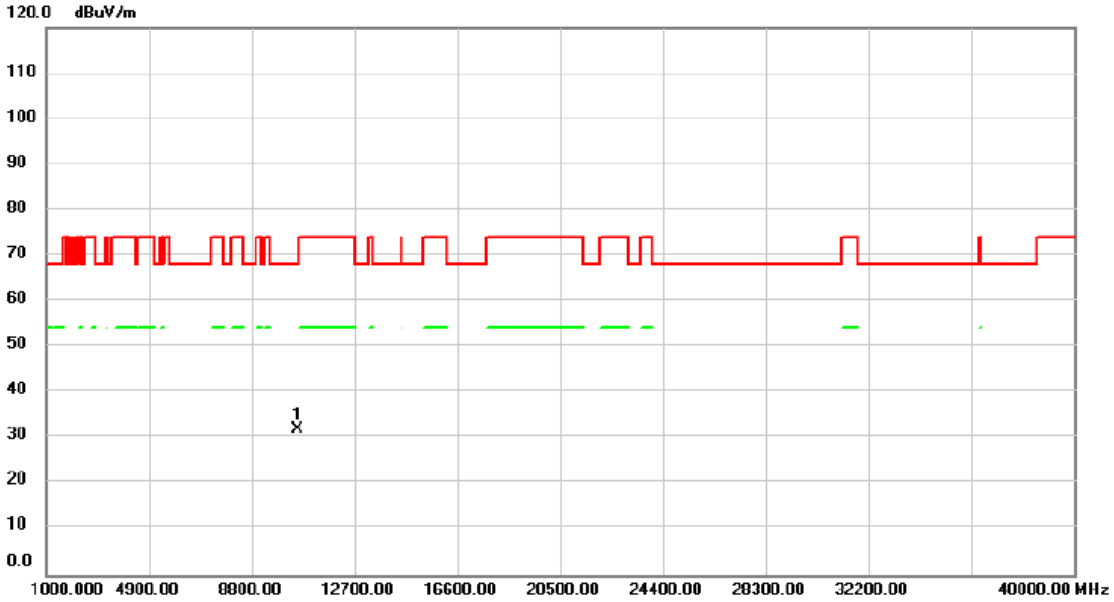
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5270MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10540.00 | 30.91 | -0.44 | 30.47 | 68.20 | -37.73 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

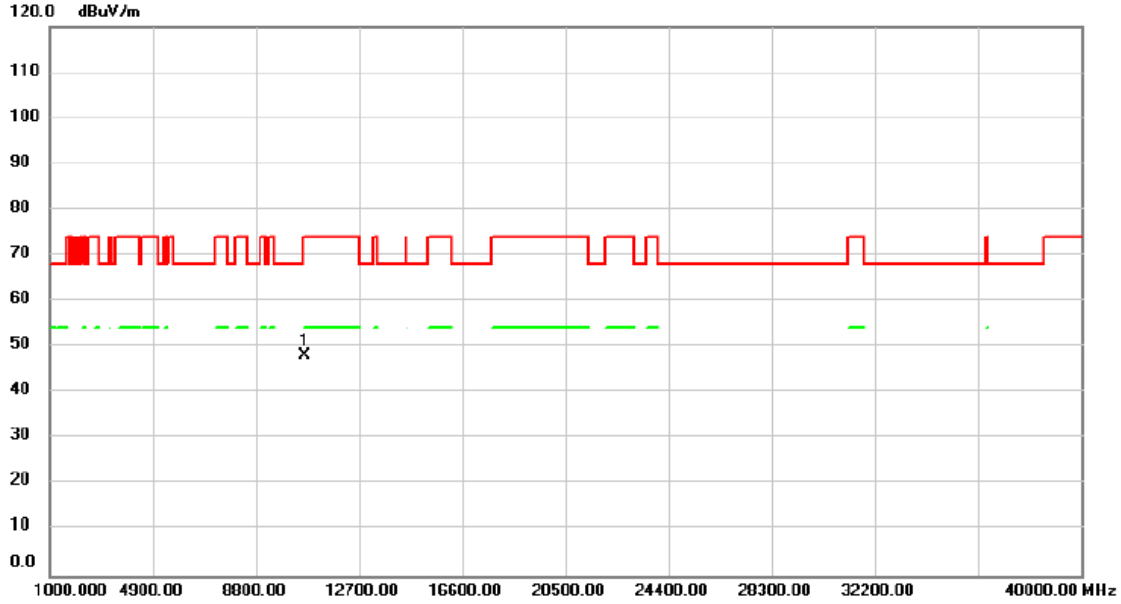
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5270MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10540.00 | 32.27 | -0.44 | 31.83 | 68.20 | -36.37 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

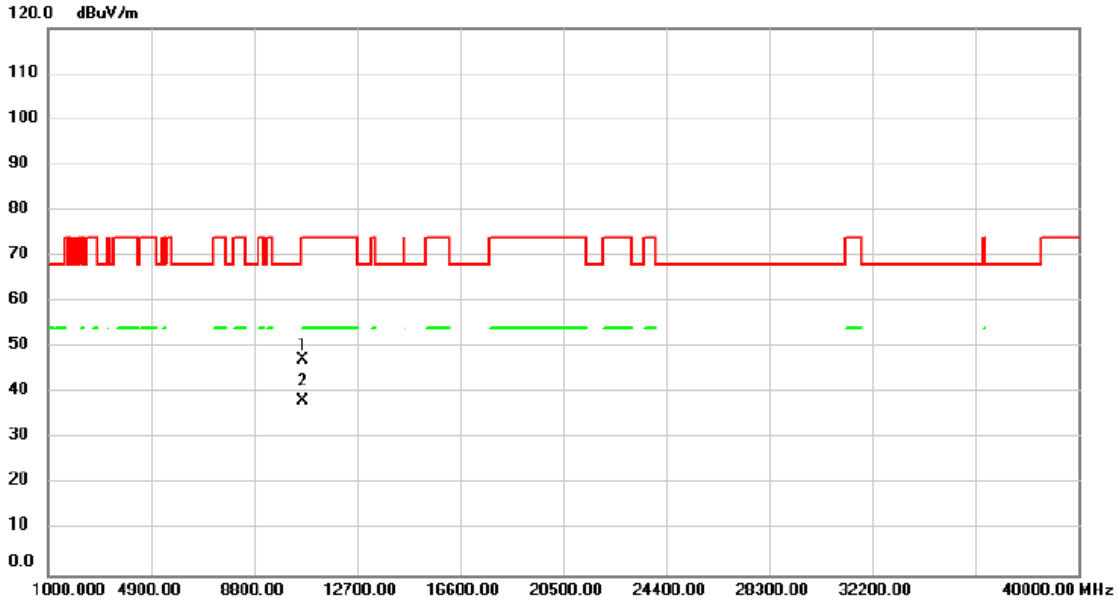
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5310MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10620.00 | 48.51 | -0.40 | 48.11 | 74.00 | -25.89 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

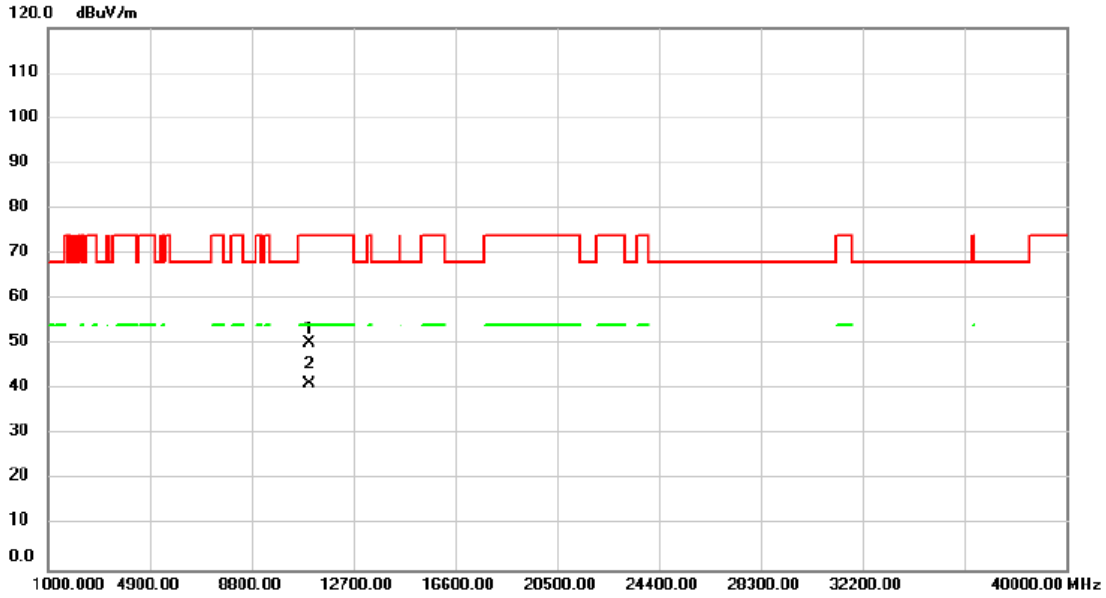
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5310MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 10633.00 | 47.57 | -0.40 | 47.17 | 74.00 | -26.83 | peak | | | |
| 2 | * | 10633.00 | 38.66 | -0.40 | 38.26 | 54.00 | -15.74 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

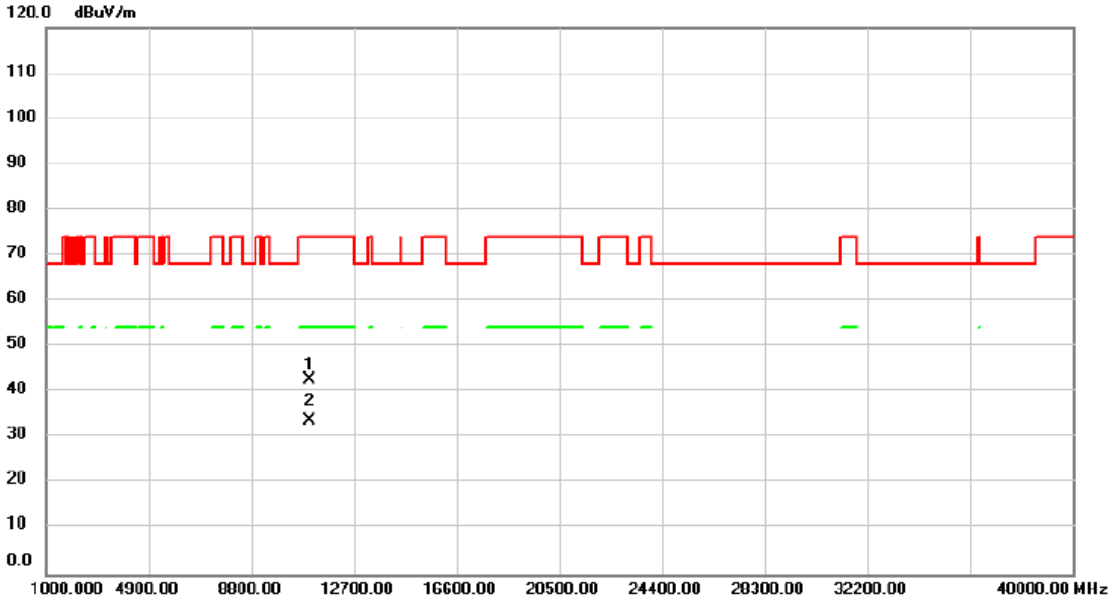
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5510MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11020.00 | 50.41 | -0.22 | 50.19 | 74.00 | -23.81 | peak | | | |
| 2 | * | 11020.00 | 41.58 | -0.22 | 41.36 | 54.00 | -12.64 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

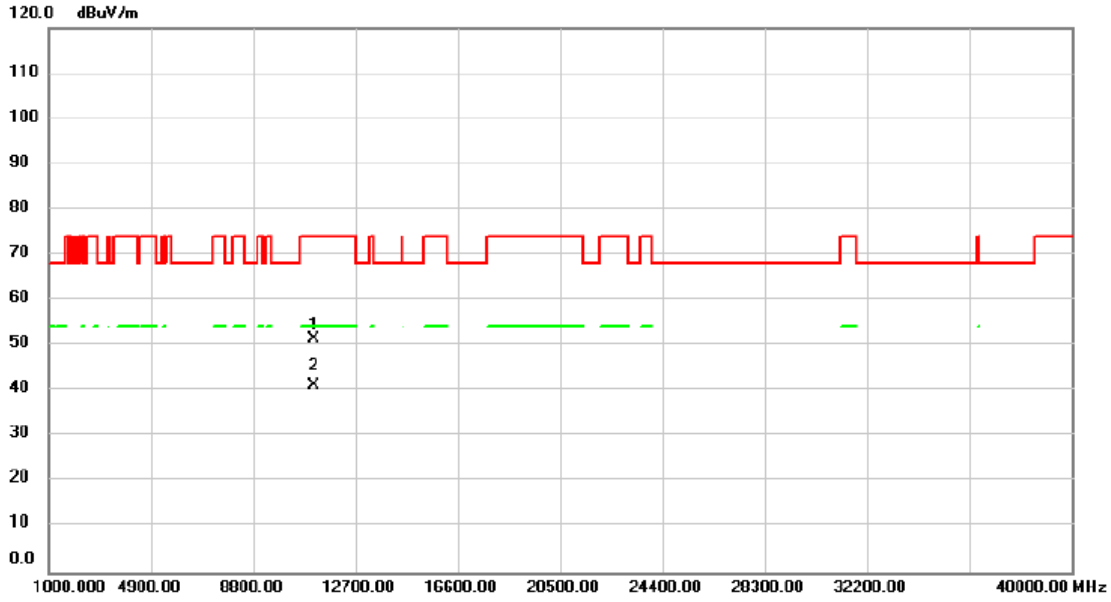
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5510MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11020.00 | 42.86 | -0.22 | 42.64 | 74.00 | -31.36 | peak | | | |
| 2 | * | 11020.00 | 33.84 | -0.22 | 33.62 | 54.00 | -20.38 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

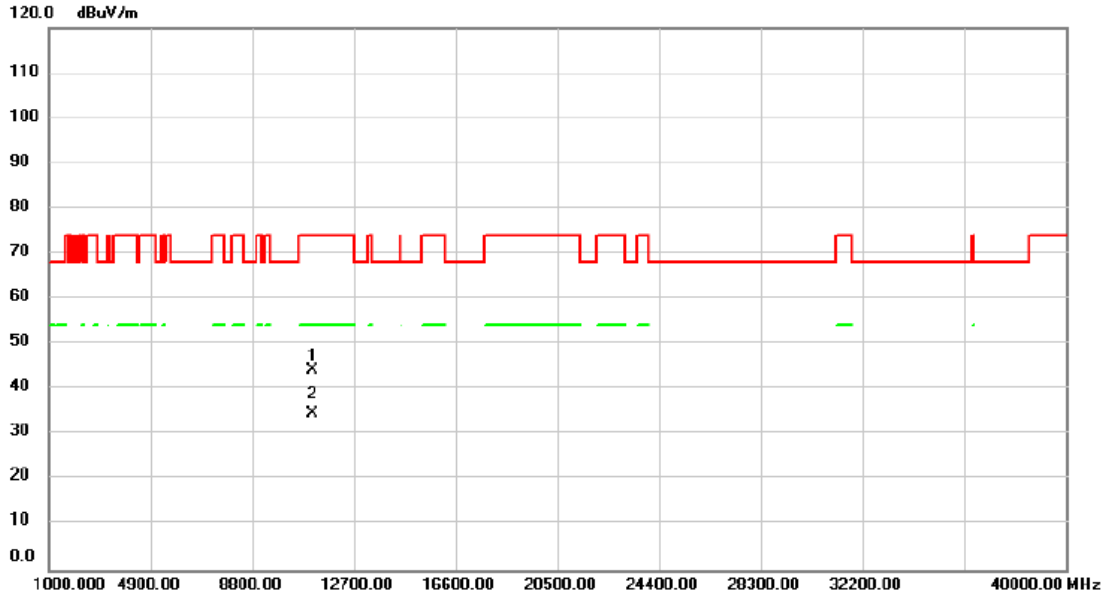
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5550MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11101.00 | 51.60 | -0.04 | 51.56 | 74.00 | -22.44 | peak | | | |
| 2 | * | 11101.00 | 41.42 | -0.04 | 41.38 | 54.00 | -12.62 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

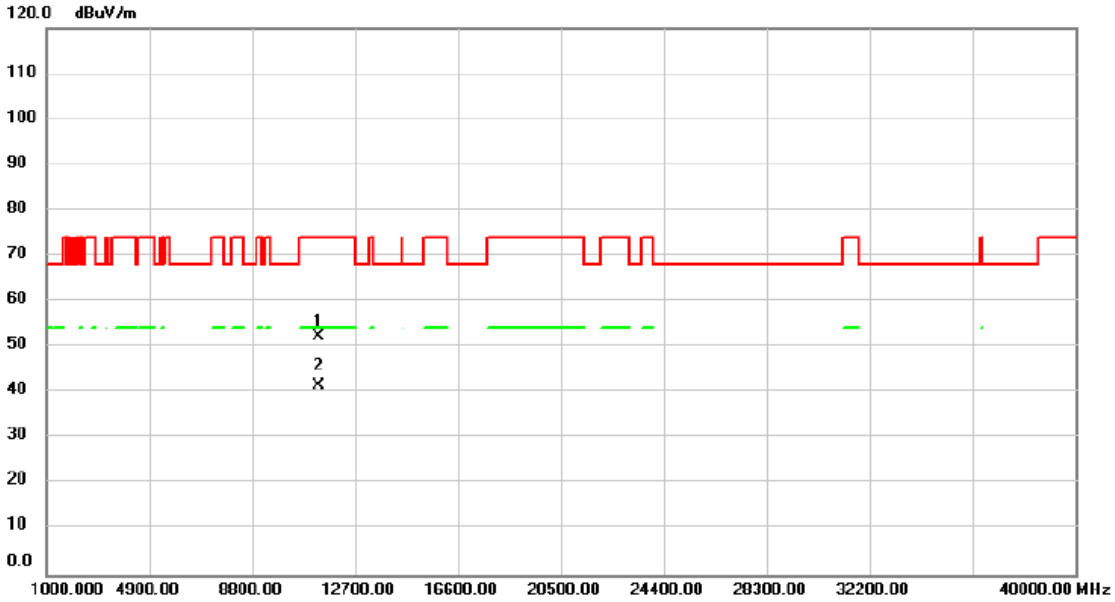
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5550MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11100.00 | 44.34 | -0.04 | 44.30 | 74.00 | -29.70 | peak | | | |
| 2 | * | 11100.00 | 34.84 | -0.04 | 34.80 | 54.00 | -19.20 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

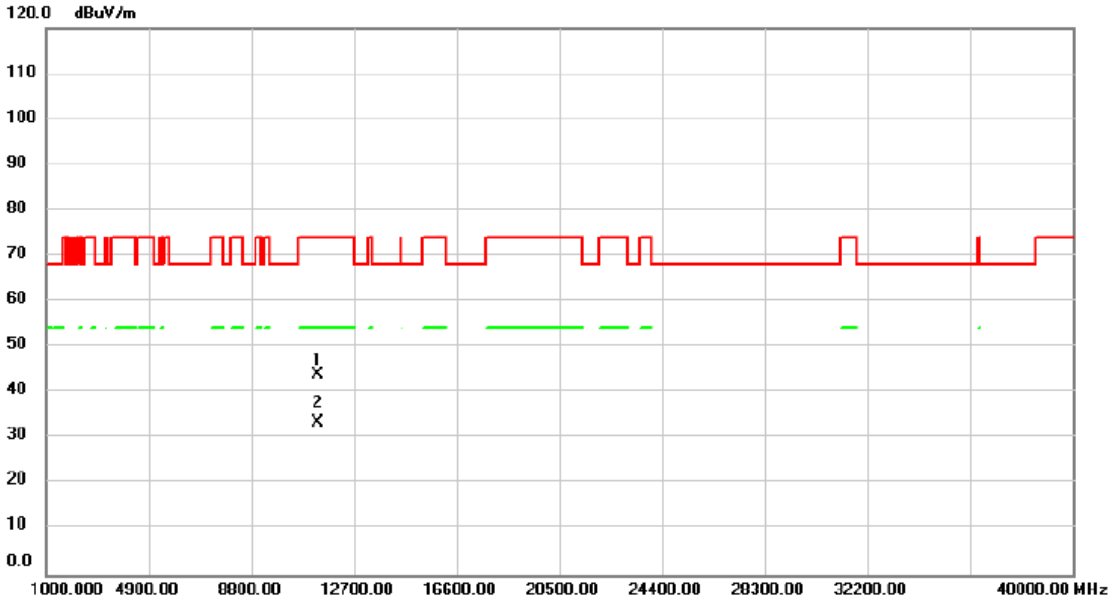
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5670MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11335.00 | 51.79 | 0.47 | 52.26 | 74.00 | -21.74 | peak | | | |
| 2 | * | 11335.00 | 41.13 | 0.47 | 41.60 | 54.00 | -12.40 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

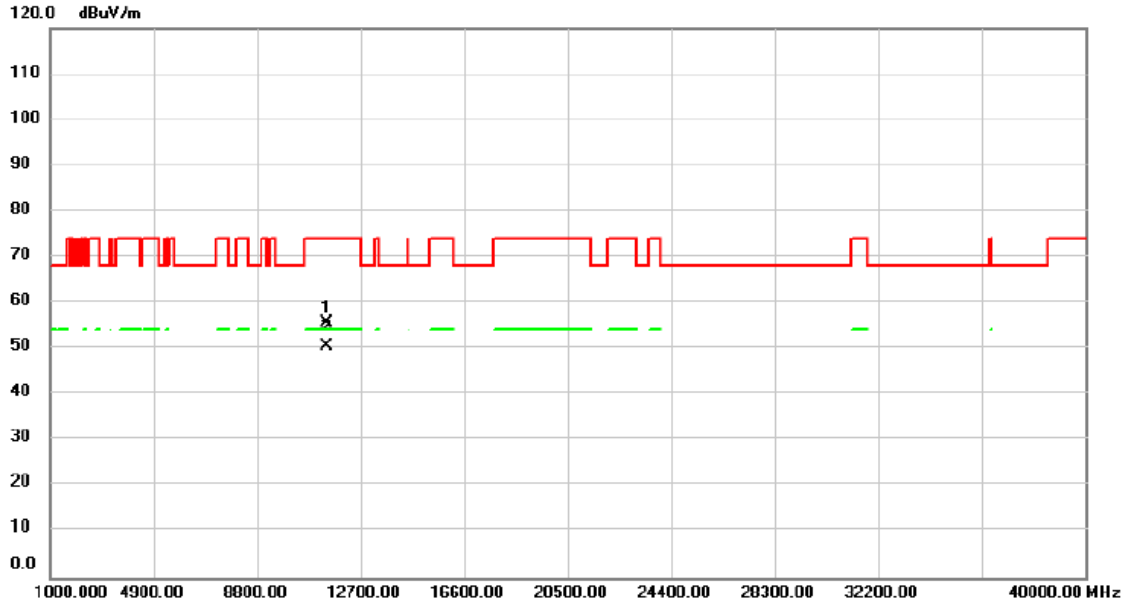
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5670MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11335.00 | 43.42 | 0.47 | 43.89 | 74.00 | -30.11 | peak | | | |
| 2 | * | 11335.00 | 33.07 | 0.47 | 33.54 | 54.00 | -20.46 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

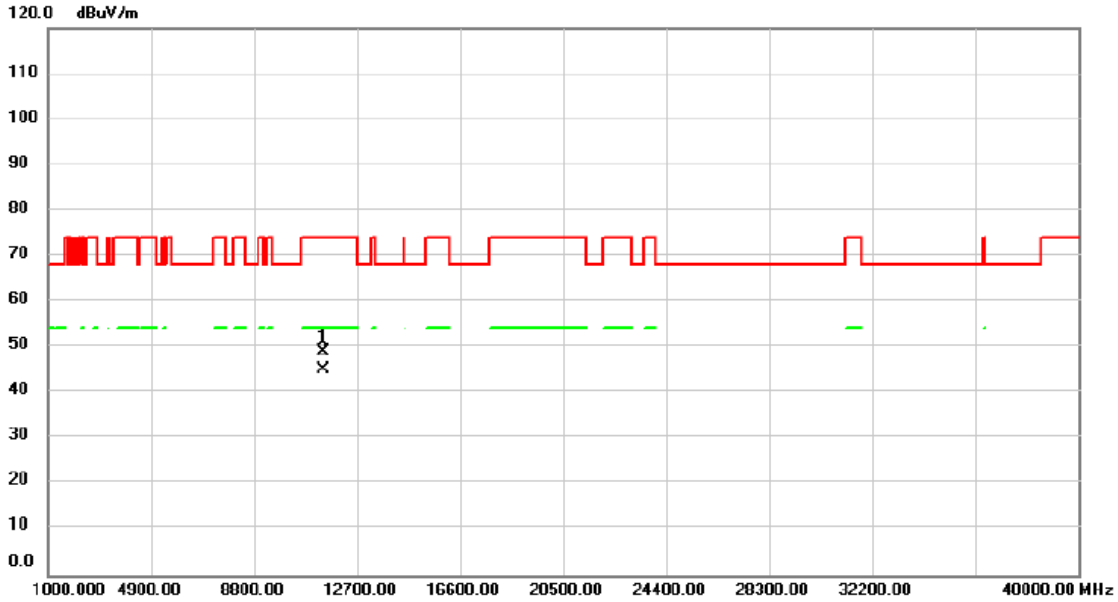
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/7/19 |
|---|---|---|---|
| Test Frequency | 5710MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11420.00 | 45.13 | 10.66 | 55.79 | 74.00 | -18.21 | peak | | | |
| 2 | * | 11420.00 | 39.84 | 10.66 | 50.50 | 54.00 | -3.50 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

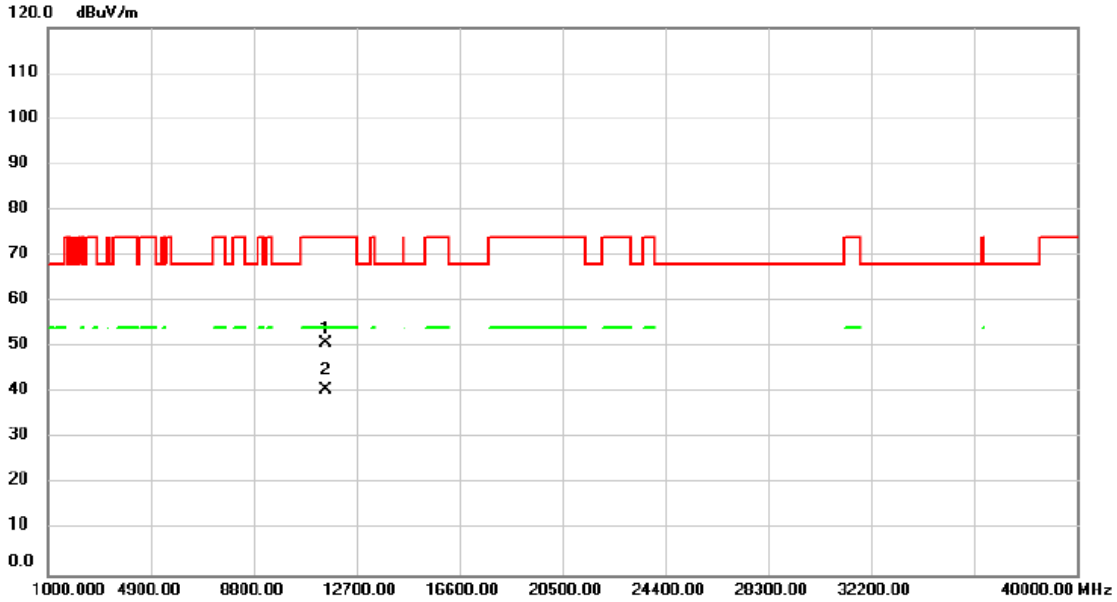
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/7/19 |
|---|---|---|---|
| Test Frequency | 5710MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11420.00 | 38.34 | 10.66 | 49.00 | 74.00 | -25.00 | peak | | | |
| 2 | * | 11420.00 | 34.36 | 10.66 | 45.02 | 54.00 | -8.98 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

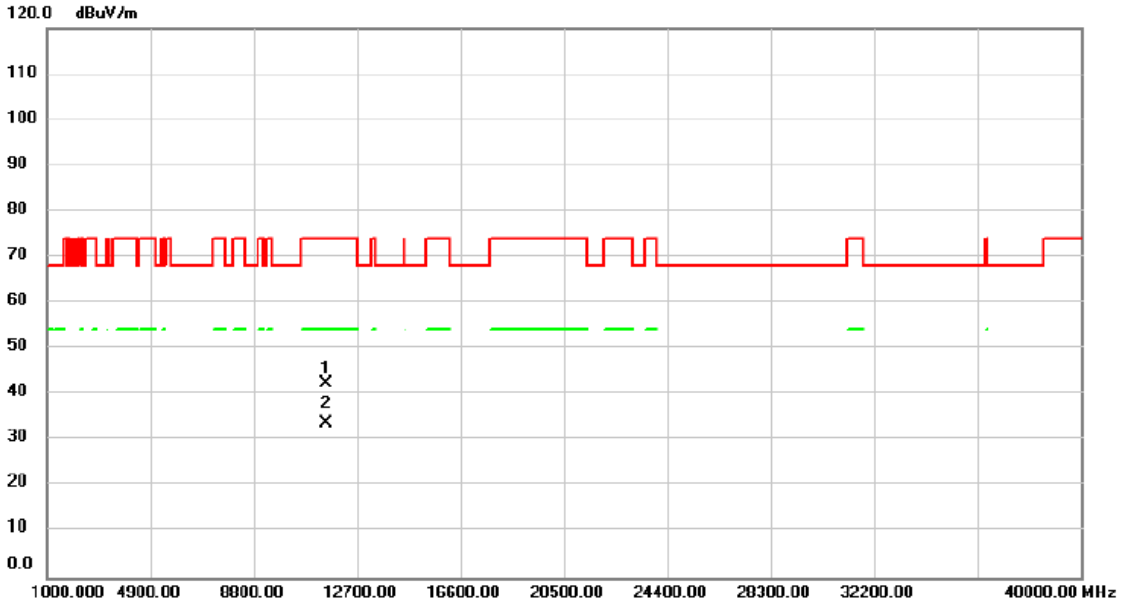
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5755MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11510.00 | 50.16 | 0.83 | 50.99 | 74.00 | -23.01 | peak | | | |
| 2 | * | 11510.00 | 39.95 | 0.83 | 40.78 | 54.00 | -13.22 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

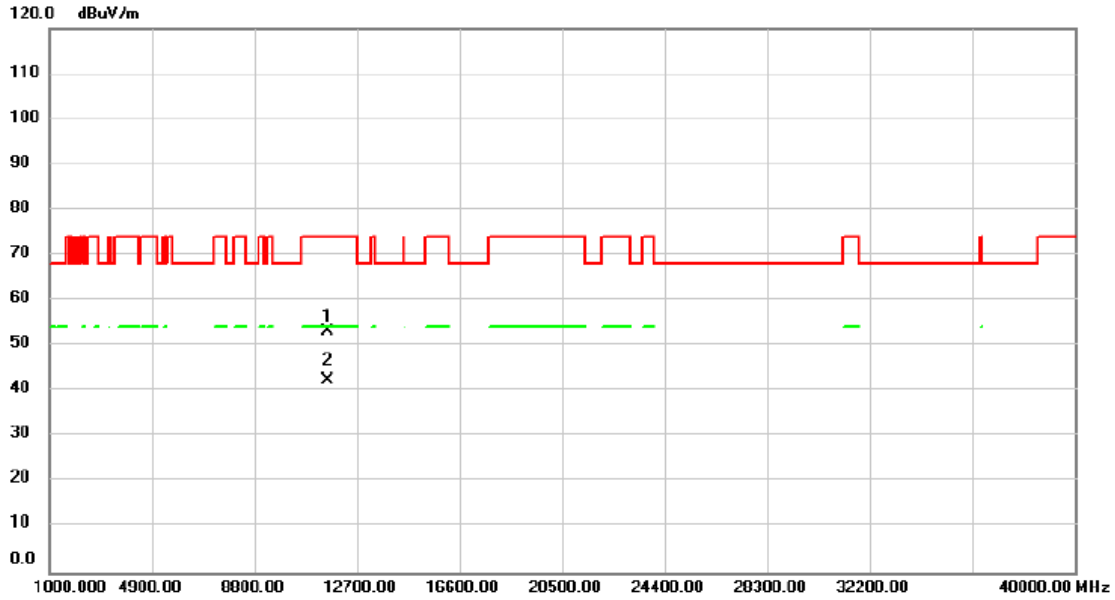
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5755MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11510.00 | 41.54 | 0.83 | 42.37 | 74.00 | -31.63 | peak | | | |
| 2 | * | 11510.00 | 32.91 | 0.83 | 33.74 | 54.00 | -20.26 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

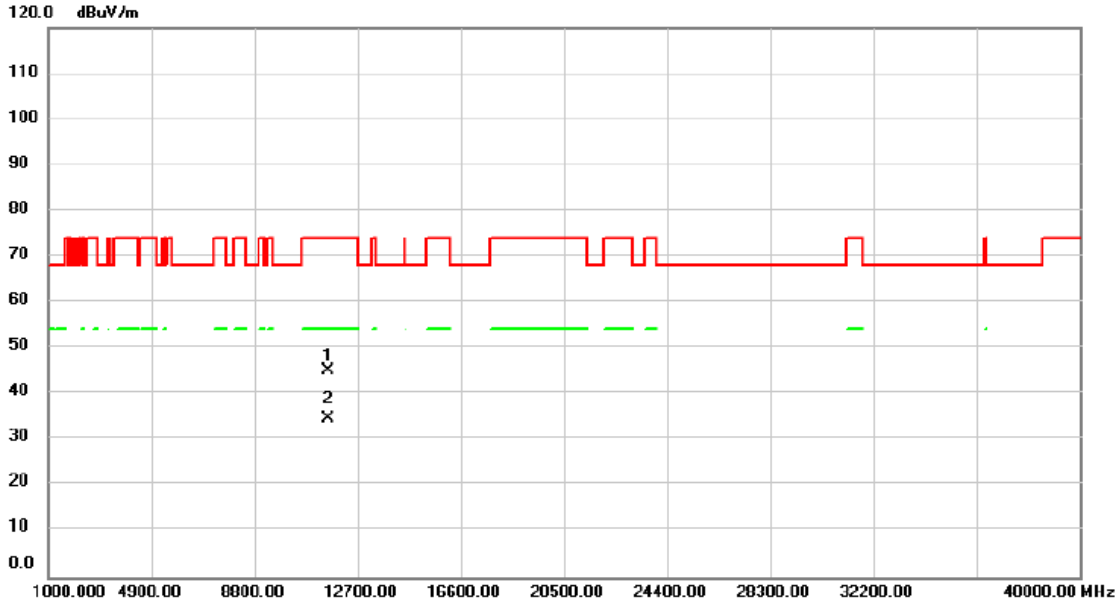
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5795MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11590.00 | 52.35 | 0.84 | 53.19 | 74.00 | -20.81 | peak | | | |
| 2 | * | 11590.00 | 41.63 | 0.84 | 42.47 | 54.00 | -11.53 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

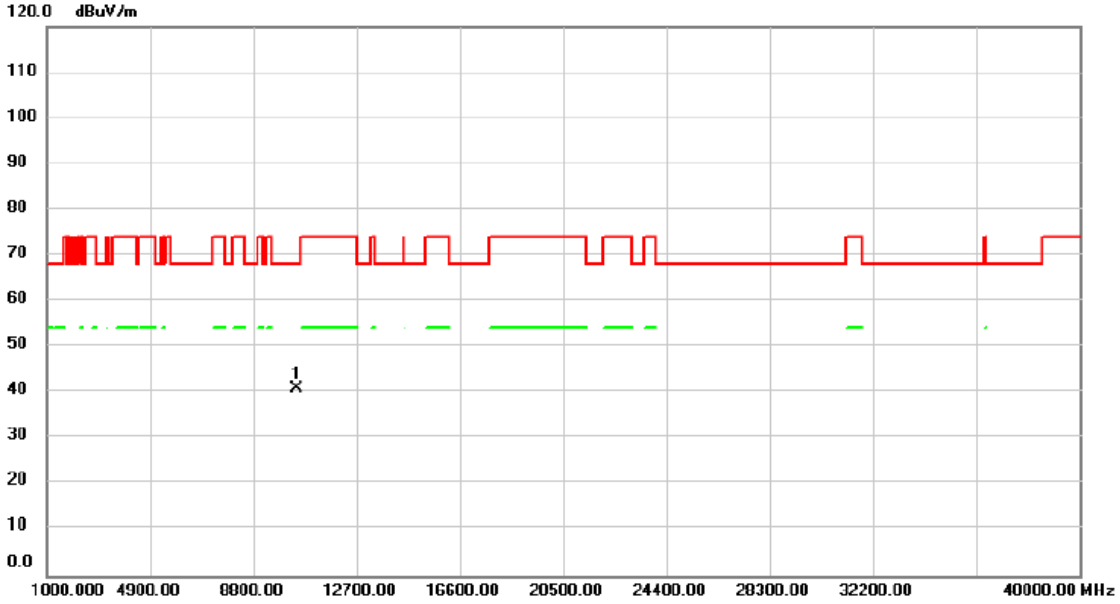
| Test Mode | IEEE 802.11ac (VHT40) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5795MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11590.00 | 44.38 | 0.84 | 45.22 | 74.00 | -28.78 | peak | | | |
| 2 | * | 11590.00 | 33.82 | 0.84 | 34.66 | 54.00 | -19.34 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

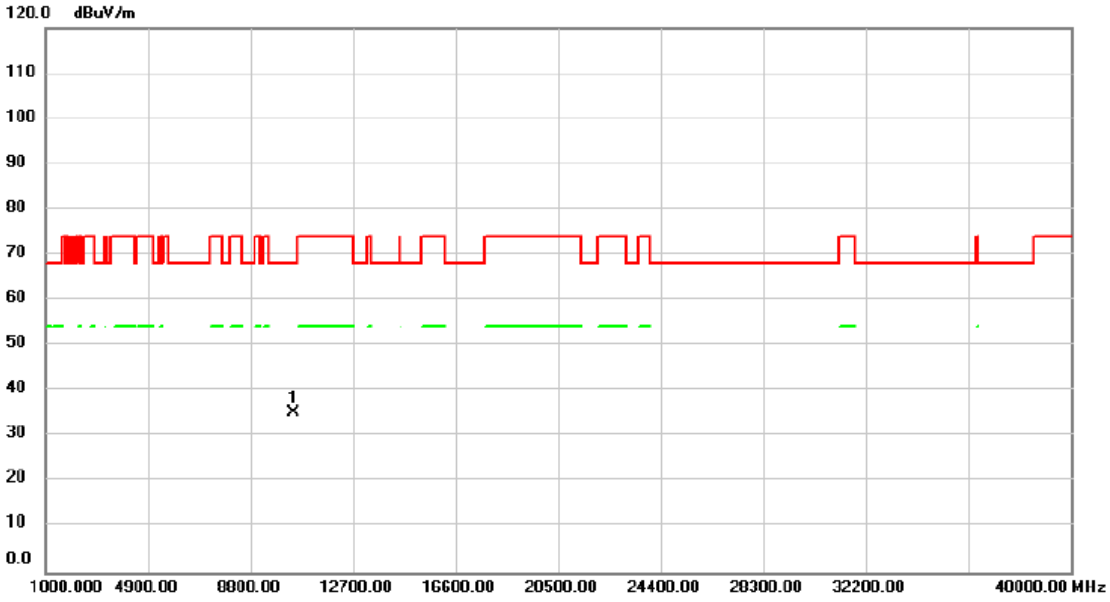
| Test Mode | IEEE 802.11ac (VHT80) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5210MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10420.00 | 41.64 | -0.54 | 41.10 | 68.20 | -27.10 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

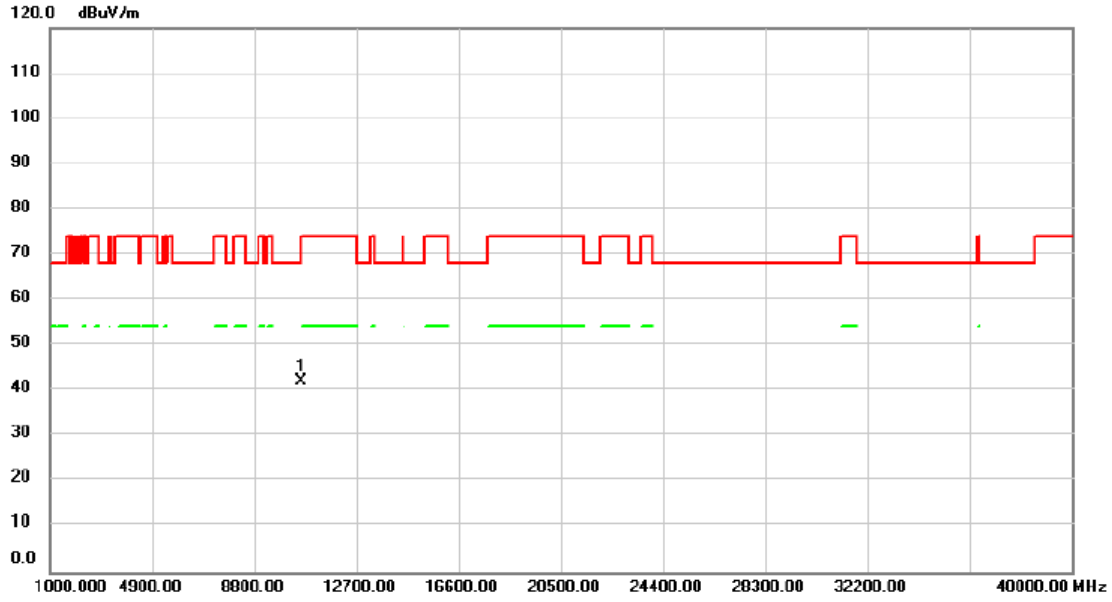
| Test Mode | IEEE 802.11ac (VHT80) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5210MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10420.00 | 35.93 | -0.54 | 35.39 | 68.20 | -32.81 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

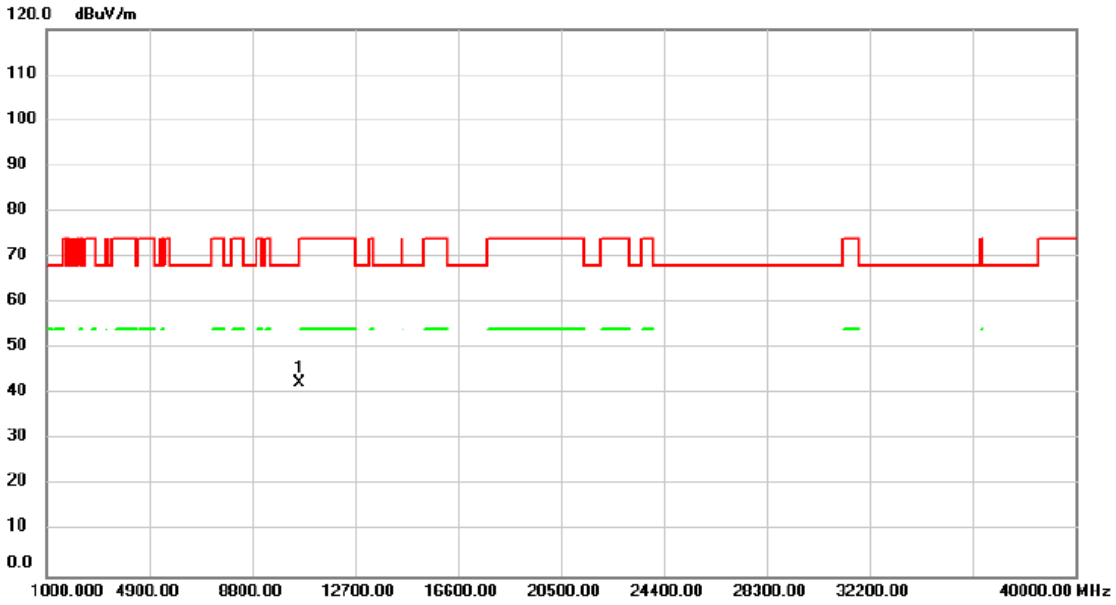
| Test Mode | IEEE 802.11ac (VHT80) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5290MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10580.00 | 42.72 | -0.42 | 42.30 | 68.20 | -25.90 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

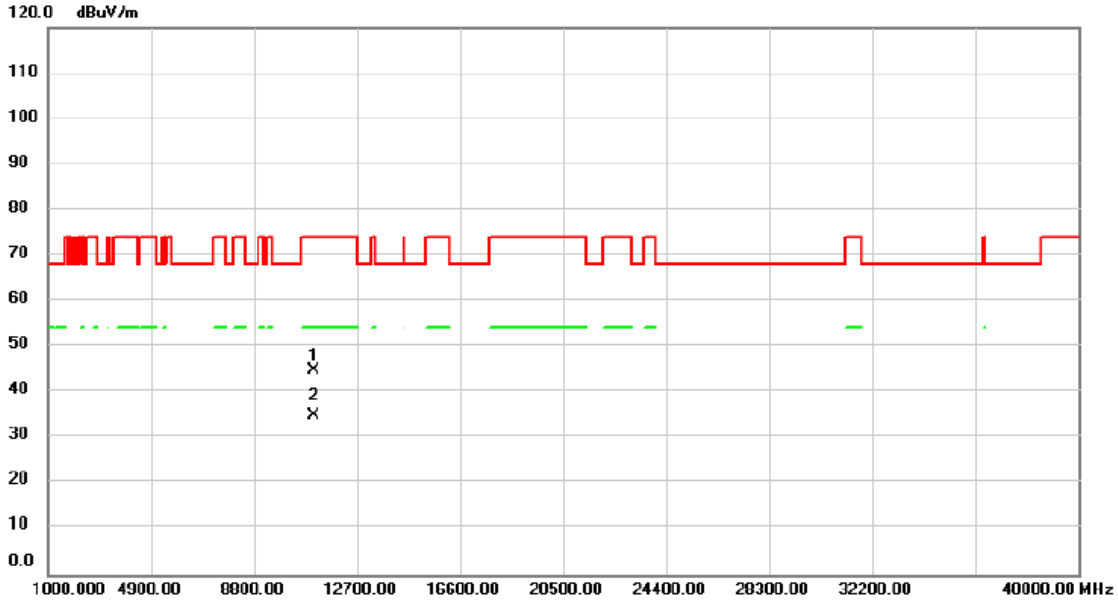
| Test Mode | IEEE 802.11ac (VHT80) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5290MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | * | 10580.00 | 42.96 | -0.42 | 42.54 | 68.20 | -25.66 | peak | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

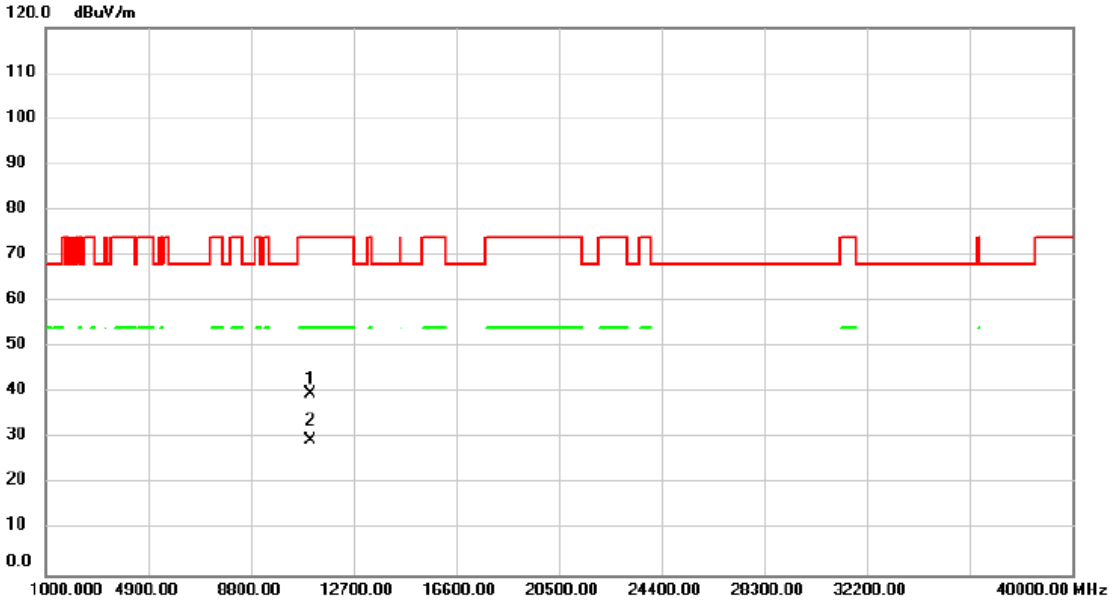
| Test Mode | IEEE 802.11ac (VHT80) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5530MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11060.00 | 44.98 | -0.13 | 44.85 | 74.00 | -29.15 | peak | | | |
| 2 | * | 11060.00 | 35.21 | -0.13 | 35.08 | 54.00 | -18.92 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

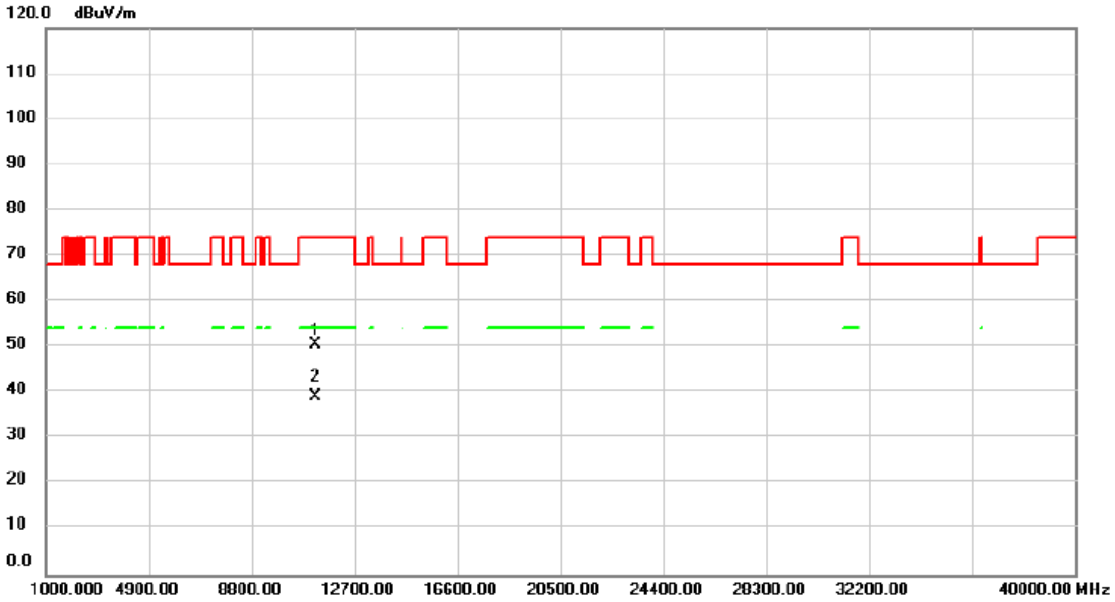
| Test Mode | IEEE 802.11ac (VHT80) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5530MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11060.00 | 39.97 | -0.13 | 39.84 | 74.00 | -34.16 | peak | | | |
| 2 | * | 11060.00 | 29.57 | -0.13 | 29.44 | 54.00 | -24.56 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

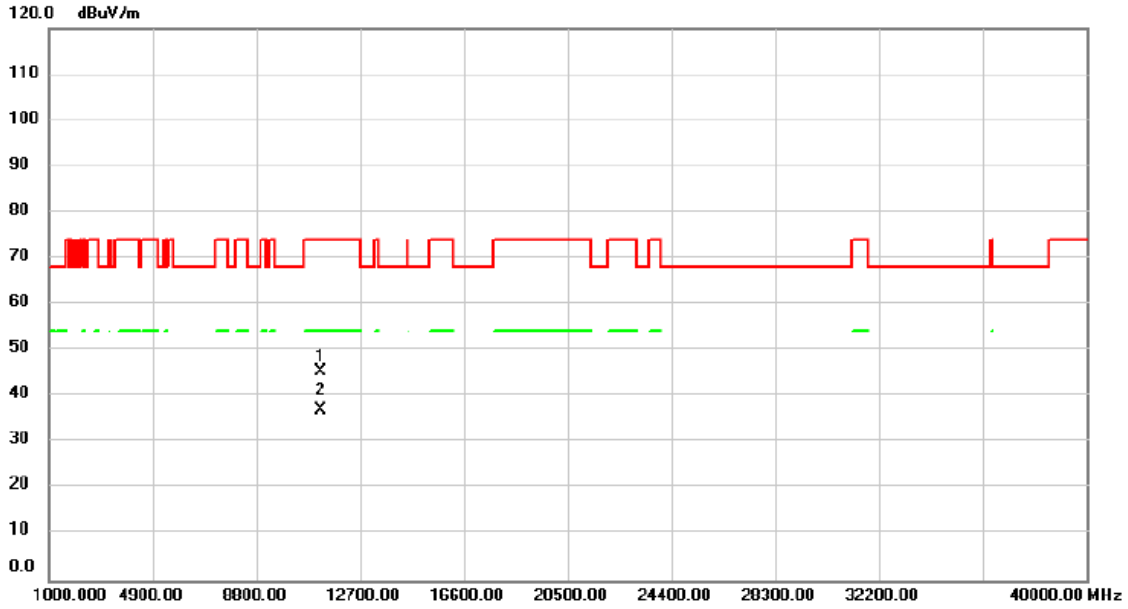
| Test Mode | IEEE 802.11ac (VHT80) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5610MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11220.00 | 50.37 | 0.22 | 50.59 | 74.00 | -23.41 | peak | | | |
| 2 | * | 11220.00 | 39.08 | 0.22 | 39.30 | 54.00 | -14.70 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

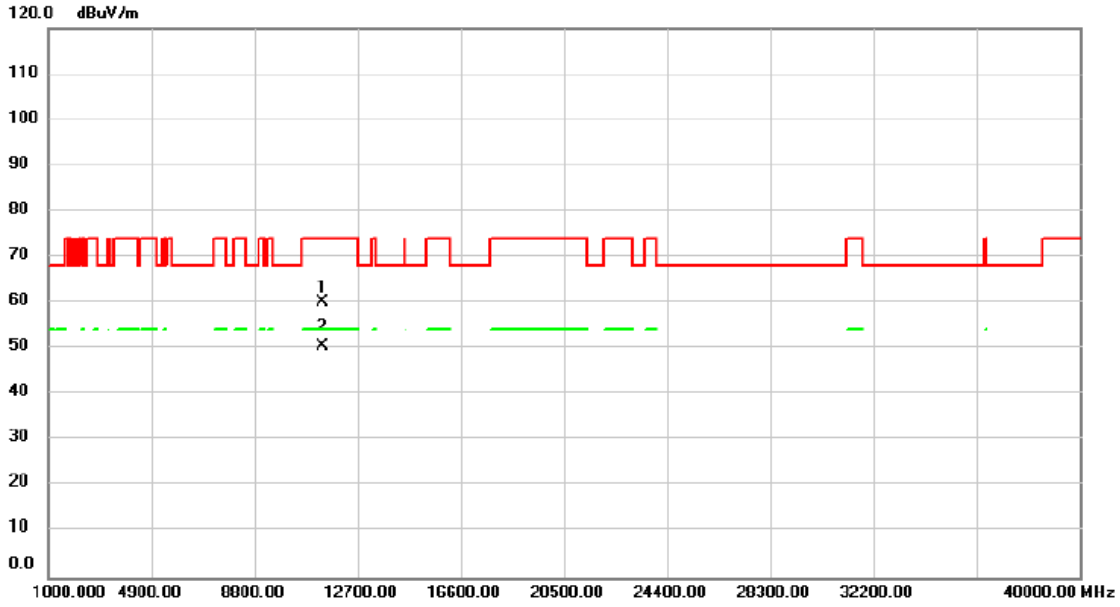
| Test Mode | IEEE 802.11ac (VHT80) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5610MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11220.00 | 45.26 | 0.22 | 45.48 | 74.00 | -28.52 | peak | | | |
| 2 | * | 11220.00 | 36.75 | 0.22 | 36.97 | 54.00 | -17.03 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

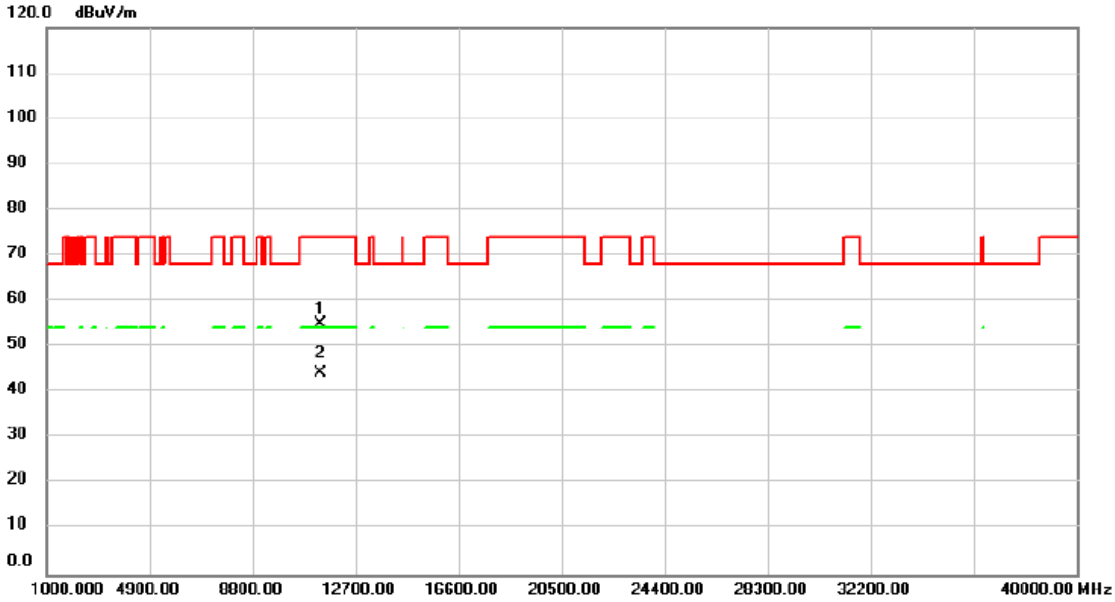
| Test Mode | IEEE 802.11ac (VHT80) | Test Date | 2024/7/19 |
|---|---|---|---|
| Test Frequency | 5690MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11380.00 | 49.45 | 10.56 | 60.01 | 74.00 | -13.99 | peak | | | |
| 2 | * | 11380.00 | 40.08 | 10.56 | 50.64 | 54.00 | -3.36 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

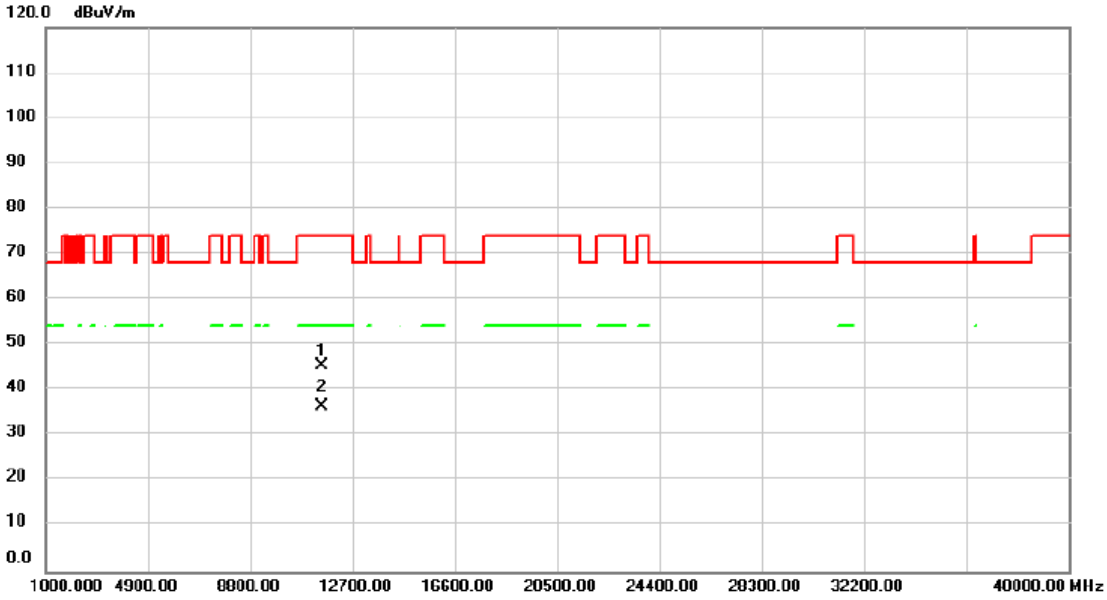
| Test Mode | IEEE 802.11ac (VHT80) | Test Date | 2024/7/19 |
|---|---|---|---|
| Test Frequency | 5690MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11380.00 | 44.48 | 10.56 | 55.04 | 74.00 | -18.96 | peak | | | |
| 2 | * | 11380.00 | 33.59 | 10.56 | 44.15 | 54.00 | -9.85 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

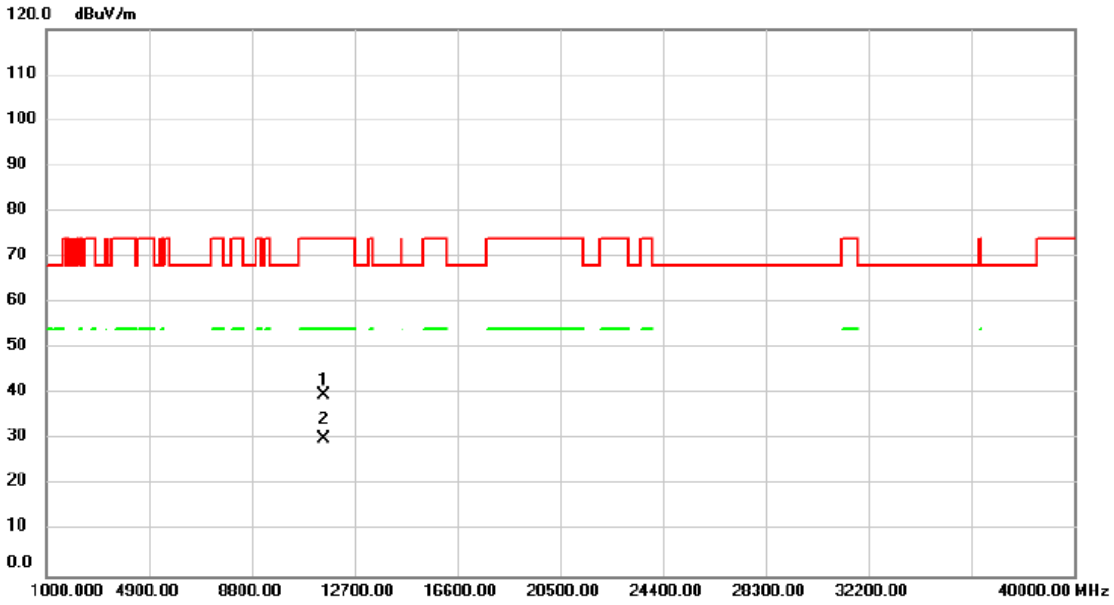
| Test Mode | IEEE 802.11ac (VHT80) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5775MHz | Polarization | Vertical |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11550.00 | 44.51 | 0.84 | 45.35 | 74.00 | -28.65 | peak | | | |
| 2 | * | 11550.00 | 35.56 | 0.84 | 36.40 | 54.00 | -17.60 | AVG | | | |

REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

| Test Mode | IEEE 802.11ac (VHT80) | Test Date | 2024/6/25 |
|---|---|---|---|
| Test Frequency | 5775MHz | Polarization | Horizontal |




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | Antenna Height | Table Degree | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | cm | degree | Comment |
| 1 | | 11550.00 | 38.94 | 0.84 | 39.78 | 74.00 | -34.22 | peak | | | |
| 2 | * | 11550.00 | 29.41 | 0.84 | 30.25 | 54.00 | -23.75 | AVG | | | |

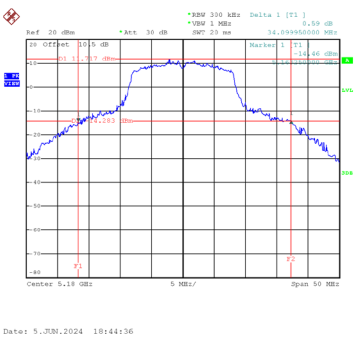
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

# APPENDIX D BANDWIDTH

| Test Mode | UNII-1_IEEE 802.11a_Ant.1 |
|---|---|

| Channel | Frequency (MHz) | 26 dB Bandwidth (MHz) | 99 % Occupied Bandwidth (MHz) |
|---|---|---|---|
| 36 | 5180 | 34.100 | 19.400 |
| 40 | 5200 | 38.498 | 25.200 |
| 48 | 5240 | 38.699 | 25.500 |

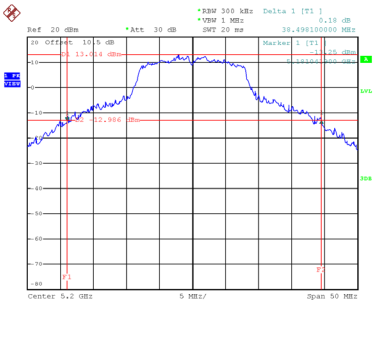
**CH36**



Date: 5.JUN.2024 18:44:36

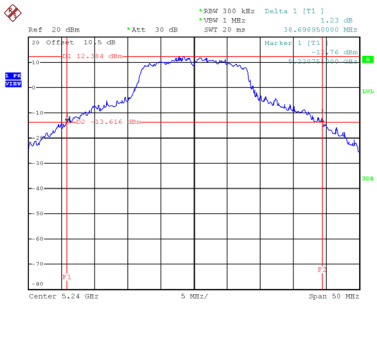
**CH40**

26 dB Bandwidth



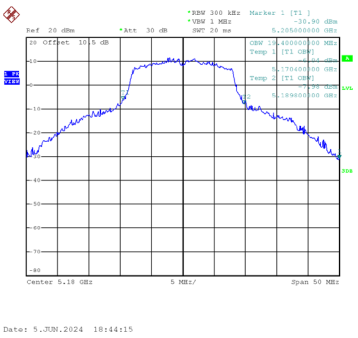
Date: 5.JUN.2024 18:47:41

**CH48**

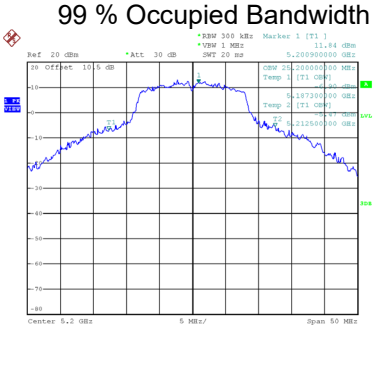


Date: 5.JUN.2024 18:49:45

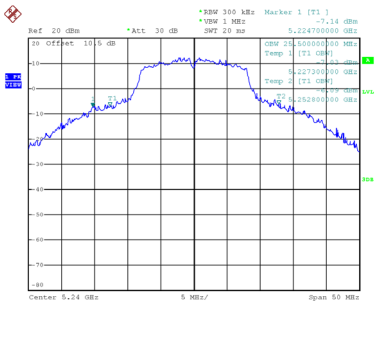
99 % Occupied Bandwidth



Date: 5.JUN.2024 18:44:15



Date: 5.JUN.2024 18:47:22

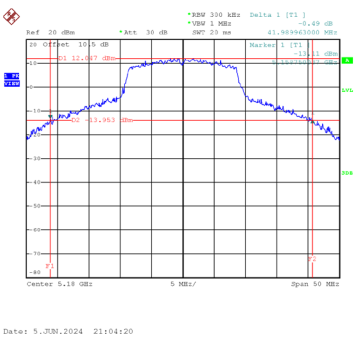


Date: 5.JUN.2024 18:49:26

| Test Mode | UNII-1_IEEE 802.11ac (VHT20)_Ant.1 |
|---|---|

| Channel | Frequency (MHz) | 26 dB Bandwidth (MHz) | 99 % Occupied Bandwidth (MHz) |
|---|---|---|---|
| 36 | 5180 | 41.990 | 26.300 |
| 40 | 5200 | 43.750 | 26.500 |
| 48 | 5240 | 39.450 | 20.400 |

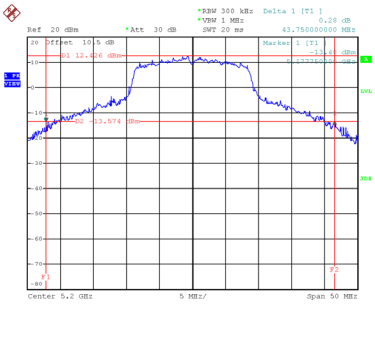
**CH36**



Date: 5.JUN.2024 21:04:20

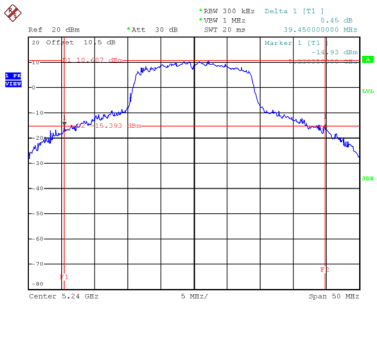
**CH40**

26 dB Bandwidth



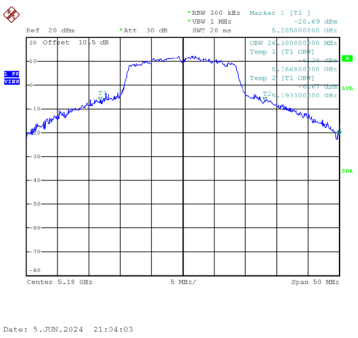
Date: 5.JUN.2024 21:10:48

**CH48**

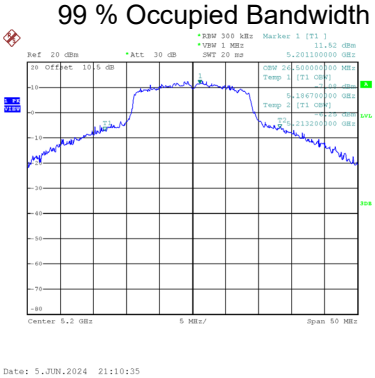


Date: 5.JUN.2024 21:13:50

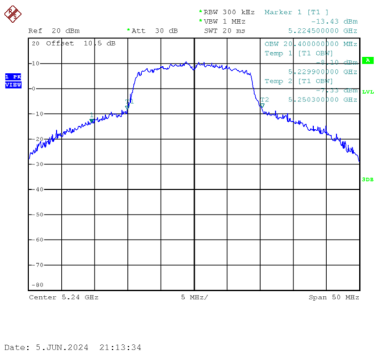
99 % Occupied Bandwidth



Date: 5.JUN.2024 21:04:03



Date: 5.JUN.2024 21:10:35

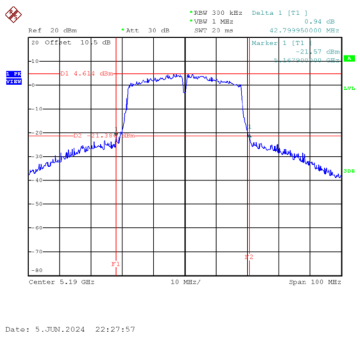


Date: 5.JUN.2024 21:13:34

| Test Mode | UNII-1_IEEE 802.11ac (VHT40)_Ant.1 |
|---|---|

| Channel | Frequency (MHz) | 26 dB Bandwidth (MHz) | 99 % Occupied Bandwidth (MHz) |
|---|---|---|---|
| 38 | 5190 | 42.800 | 62.000 |
| 46 | 5230 | 41.200 | 63.600 |

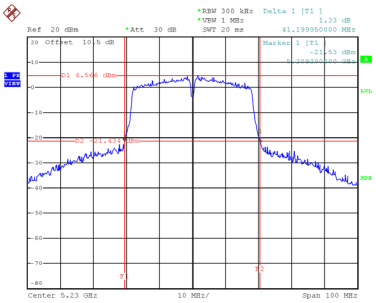
**CH38**



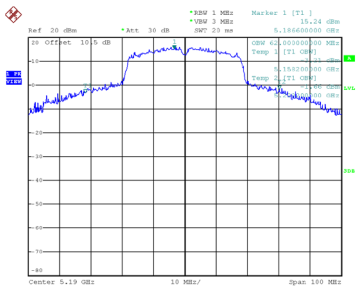
Date: 5.JUN.2024 22:27:57

**CH46**

26 dB Bandwidth

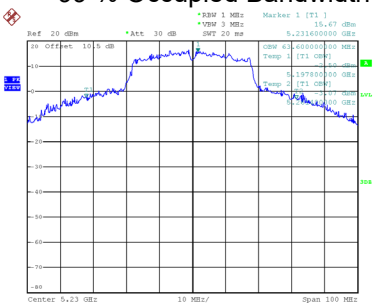


Date: 5.JUN.2024 22:30:49



Date: 5.JUN.2024 22:25:26

99 % Occupied Bandwidth



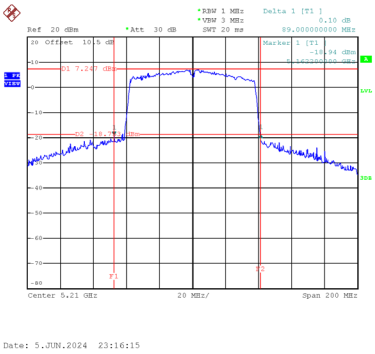
Date: 5.JUN.2024 22:28:56

| Test Mode | UNII-1_IEEE 802.11ac (VHT80)_Ant.1 |
|---|---|

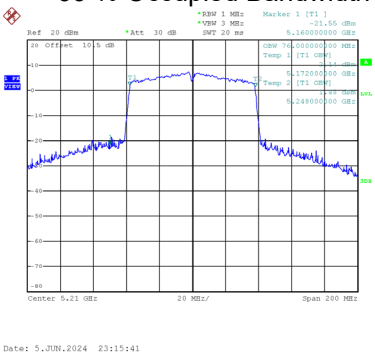
| Channel | Frequency (MHz) | 26 dB Bandwidth (MHz) | 99 % Occupied Bandwidth (MHz) |
|---|---|---|---|
| 42 | 5210 | 89.000 | 76.000 |

**CH42**

26 dB Bandwidth



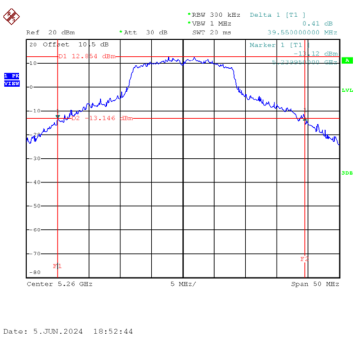

99 % Occupied Bandwidth



| Test Mode | UNII-2A_IEEE 802.11a_Ant.1 |
|---|---|

| Channel | Frequency (MHz) | 26 dB Bandwidth (MHz) | 99 % Occupied Bandwidth (MHz) |
|---|---|---|---|
| 52 | 5260 | 39.550 | 26.100 |
| 60 | 5300 | 39.690 | 26.000 |
| 64 | 5320 | 35.690 | 20.200 |

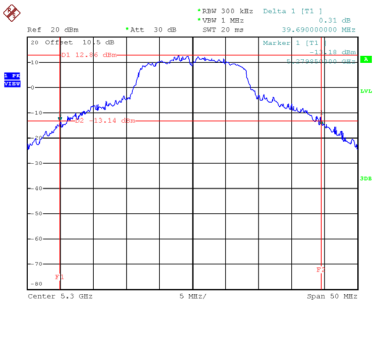
**CH52**



Date: 5.JUN.2024 18:52:44

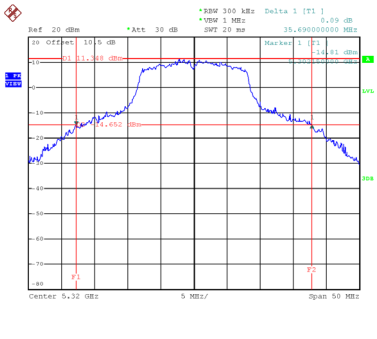
**CH60**

26 dB Bandwidth

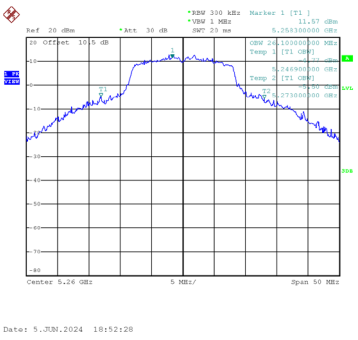


Date: 5.JUN.2024 19:18:01

**CH64**

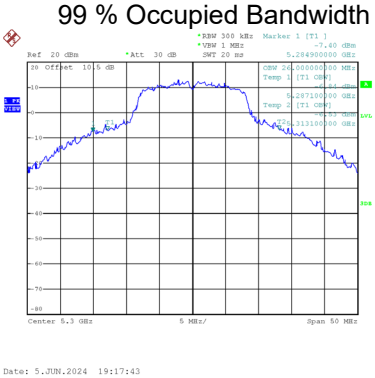


Date: 5.JUN.2024 19:26:30

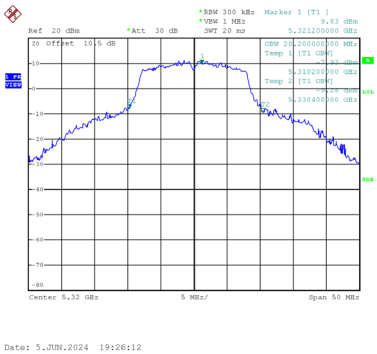


Date: 5.JUN.2024 18:52:28

99 % Occupied Bandwidth



Date: 5.JUN.2024 19:17:43

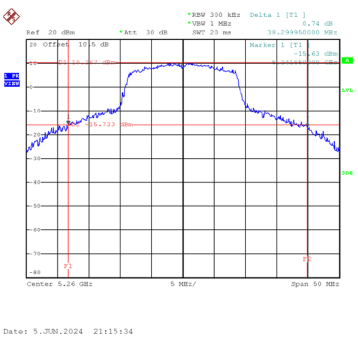


Date: 5.JUN.2024 19:26:12

| Test Mode | UNII-2A_IEEE 802.11ac (VHT20)_Ant.1 |
|---|---|

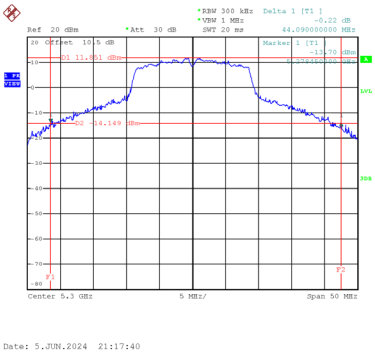
| Channel | Frequency (MHz) | 26 dB Bandwidth (MHz) | 99 % Occupied Bandwidth (MHz) |
|---|---|---|---|
| 52 | 5260 | 38.300 | 20.400 |
| 60 | 5300 | 44.090 | 27.500 |
| 64 | 5320 | 44.090 | 27.500 |

**CH52**

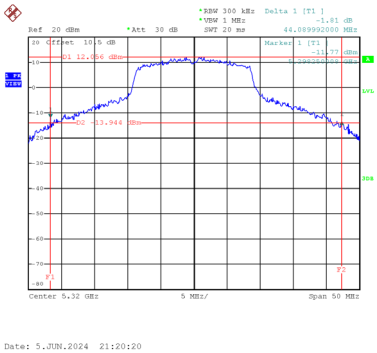


**CH60**

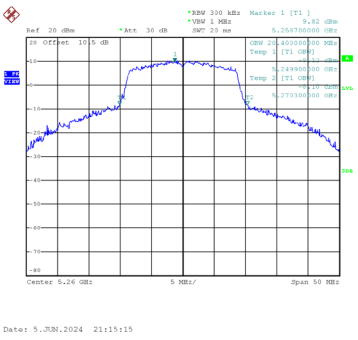
26 dB Bandwidth

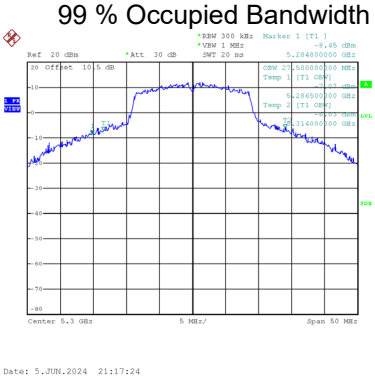


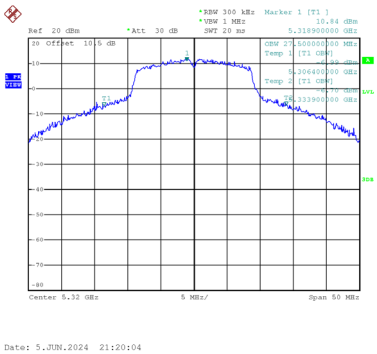
**CH64**



99 % Occupied Bandwidth



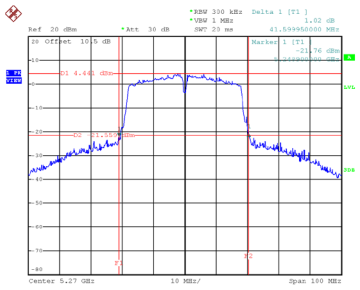




| Test Mode | UNII-2A_IEEE 802.11ac (VHT40)_Ant.1 |
|---|---|

| Channel | Frequency (MHz) | 26 dB Bandwidth (MHz) | 99 % Occupied Bandwidth (MHz) |
|---|---|---|---|
| 54 | 5270 | 41.600 | 64.400 |
| 62 | 5310 | 40.999 | 65.000 |

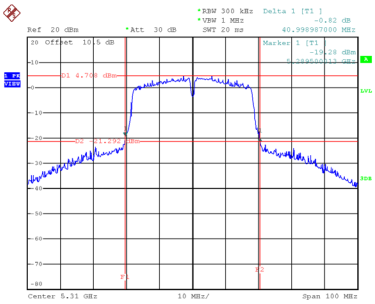
**CH54**



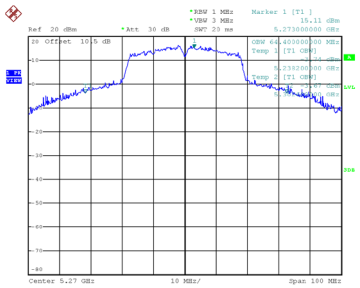
Date: 5.JUN.2024 22:34:10

**CH62**

26 dB Bandwidth

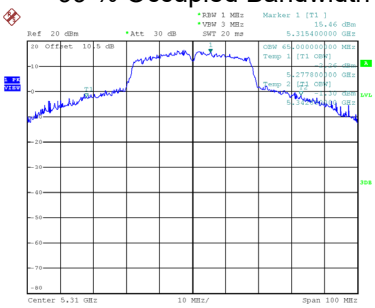


Date: 5.JUN.2024 22:37:45



Date: 5.JUN.2024 22:31:41

99 % Occupied Bandwidth



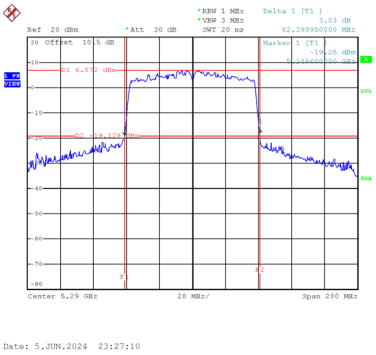
Date: 5.JUN.2024 22:35:33

| Test Mode | UNII-2A_IEEE 802.11ac (VHT80)_Ant.1 |
|---|---|

| Channel | Frequency (MHz) | 26 dB Bandwidth (MHz) | 99 % Occupied Bandwidth (MHz) |
|---|---|---|---|
| 58 | 5290 | 82.400 | 76.000 |

**CH42**

26 dB Bandwidth




99 % Occupied Bandwidth