# FCC Radio Test Report

## FCC ID: 2ABVH-OONA222W

**This report concerns: Original Grant**

| | | |
|---|---|---|
| **Project No.** | : | 2504G031 |
| **Equipment** | : | Kiosk |
| **Brand Name** | : | AAVA |
| **Test Model** | : | OONA22-2W |
| **Series Model** | : | N/A |
| **Applicant** | : | Aava Mobile Oy |
| **Address** | : | Nahkatehtaankatu 2, FI-90130 Oulu, Finland |
| **Manufacturer** | : | Aava Mobile Oy |
| **Address** | : | Nahkatehtaankatu 2, FI-90130 Oulu, Finland |
| **Factory** | : | Ennoconn (Suzhou) Technology Co.,Ltd |
| **Address** | : | BUILDING 1, 299 NANSONG RD, YU SHAN TOWN KUNSHAN 215300 JIANGSU CHINA |
| **Date of Receipt** | : | Apr. 29, 2025 |
| **Date of Test** | : | Apr. 29, 2025 ~ Jun. 10, 2025 |
| **Issued Date** | : | Jun. 18, 2025 |
| **Report Version** | : | R00 |
| **Test Sample** | : | Engineering Sample No.: DG2025042936 for conducted, DG2025042935 for others. |
| **Standard(s)** | : | FCC CFR Title 47, Part 15, Subpart E |

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc. (Dongguan)

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**Declaration**

**BTL** represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

**BTL**'s reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. BTL assumes no responsibility for the data provided by the customer, any statements, inferences or generalizations drawn by the customer or others from the reports issued by BTL.

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**BTL**'s laboratory quality assurance procedures are in compliance with the ISO/IEC 17025: 2017 requirements, and accredited by the conformity assessment authorities listed in this test report.

**BTL** is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

**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-6-2504G031 | R00 | Original Report. | Jun. 18, 2025 | Valid |

## 1. APPLICABLE STANDARDS

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:
ANSI C63.10-2013
The following reference test guidance is not within the scope of accreditation of A2LA:
KDB 987594 D02 U-NII 6GHz EMC Measurement v03
KDB 789033 D02 General UNII Test Procedures New Rules v02r01
KDB 662911 D01 Multiple Transmitter Output v02r01

## 2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

| FCC CFR Title 47, Part 15, Subpart E | | | | |
|---|---|---|---|---|
| **Standard(s) Section** | **Test Item** | **Test Result** | **Judgment** | **Remark** |
| 15.207<br>15.407(b) | AC Power Line Conducted Emissions | APPENDIX A | PASS | ------ |
| 15.407(b)<br>15.205(a)<br>15.209(a) | Radiated Emissions | APPENDIX B<br>APPENDIX C<br>APPENDIX D | PASS | ------ |
| 15.407(a) | Bandwidth | APPENDIX E | PASS | ------ |
| 15.407(a) | Maximum e.i.r.p. | APPENDIX F | PASS | ------ |
| 15.407(a) | Maximum Power Spectral Density (e.i.r.p.) | APPENDIX G | PASS | ------ |
| 15.407(b) | In-Band Emission (Mask) | APPENDIX H | PASS | ------ |
| 15.407(d) | Contention Based Protocol | APPENDIX I | PASS | ------ |
| 15.407(g) | Frequency Stability | APPENDIX J | PASS | ------ |
| 15.203 | Antenna Requirements | ------ | PASS | **NOTE (2)** |

Note:
(1) "N/A" denotes test is not applicable in this test report.
(2) The device what use a permanently attached antenna were considered sufficient to comply with the provisions of 15.203.
(3) Device Type:
☐ 6ID: Indoor access point
☐ 6PP: Subordinate device (operating under control of a low-power indoor access point)
☒ 6XD: Indoor client (operating under control of a low-power indoor access point)
☐ 6CD: Dual client (operating under control of either a low-power indoor access point or standard power access point)
☐ 6SD: Standard power access point
☐ 6FX: Standard client (operating under control of a Standard power access point)
☐ 6FC: Fixed client (operating under control of a Standard power access point)
(4) The report format version is TP.1.1.1.

## 2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of China.
BTL's Registration Number for FCC: 747969
BTL's Designation Number for FCC: CN1377

## 2.2 MEASUREMENT UNCERTAINTY

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95.45% confidence level (based on a coverage factor (k=2))
The BTL measurement uncertainty as below table:

A. AC power line conducted emissions test:

| Test Site | Method | Measurement Frequency Range | *U*,(dB) |
|---|---|---|---|
| DG-C02 | CISPR | 150kHz ~ 30MHz | 2.88 |

B. Radiated emissions test:

| Test Site | Method | Measurement Frequency Range | *U*,(dB) |
|---|---|---|---|
| DG-CB03 | CISPR | 9kHz ~ 30MHz | 2.36 |

| Test Site | Method | Measurement Frequency Range | Ant. H / V | *U*,(dB) |
|---|---|---|---|---|
| DG-CB03 (3m) | CISPR | 30MHz ~ 200MHz | V | 4.40 |
| | | 30MHz ~ 200MHz | H | 3.62 |
| | | 200MHz ~ 1,000MHz | V | 4.58 |
| | | 200MHz ~ 1,000MHz | H | 3.98 |

| Test Site | Method | Measurement Frequency Range | *U*,(dB) |
|---|---|---|---|
| DG-CB03 (3m) | CISPR | 1GHz ~ 6GHz | 4.08 |
| | | 6GHz ~ 18GHz | 4.62 |

| Test Site | Method | Measurement Frequency Range | *U*,(dB) |
|---|---|---|---|
| DG-CB03 (1m) | CISPR | 18 ~ 26.5 GHz | 3.36 |
| | | 26.5 ~ 40 GHz | 3.58 |

C. Other Measurement test:

| Test Item | Uncertainty |
|---|---|
| Bandwidth | 0.90 % |
| Maximum e.i.r.p. | 1.3 dB |
| Maximum Power Spectral Density (e.i.r.p.) | 1.4 dB |
| Frequency Stability | 2.7 ppm |
| Temperature | 0.8 °C |
| Humidity | 2.2 % |

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

## 2.3 TEST ENVIRONMENT CONDITIONS

| Test Item | Temperature | Humidity | Test Voltage | Tested By | Test Date |
|---|---|---|---|---|---|
| AC Power Line Conducted Emissions | 22°C | 55% | AC 120V/60Hz | Hayden Chen | May 16, 2025 |
| Radiated Emissions-9kHz to 30MHz | 23°C | 52% | AC 120V/60Hz | Hayden Chen | May 15, 2025 |
| Radiated Emissions-30MHz to 1000MHz | 23°C | 52% | AC 120V/60Hz | Calvin Wen | May 16, 2025 |
| Radiated Emissions-Above 1000 MHz | 23°C | 52% | AC 120V/60Hz | Drew Tan | May 22, 2025 |
| | 23°C | 52% | AC 120V/60Hz | Calvin Wen | May 21, 2025 |
| Bandwidth | 21°C | 52% | AC 120V/60Hz | Ilya Zhang | May 17, 2025 |
| Maximum e.i.r.p. | 23-25°C | 53-60% | AC 120V/60Hz | Alex Yin | May 19, 2025-May 30, 2025 |
| Maximum Power Spectral Density (e.i.r.p.) | 21°C | 52% | AC 120V/60Hz | Ilya Zhang | May 17, 2025 |
| In-Band Emission (Mask) | 21°C | 52% | AC 120V/60Hz | Ilya Zhang | May 17, 2025 |
| Contention Based Protocol | 22°C | 55% | AC 120V/60Hz | Ilya Zhang | May 23, 2025 |
| Frequency Stability | Normal & Extreme | 55% | Normal & Extreme | Ilya Zhang | May 21, 2025 |

# 3. GENERAL INFORMATION

## 3.1 GENERAL DESCRIPTION OF EUT

| | |
|---|---|
| Equipment | Kiosk |
| Brand Name | AAVA |
| Test Model | OONA22-2W |
| Series Model | N/A |
| Model Difference(s) | N/A |
| Hardware Version | PV |
| Software Version | Android |
| Power Source | DC voltage supplied from AC adapter.<br>Model: J652-2403000DI |
| Power Rating | I/P: 100-240V~ 50/60Hz 1.7A O/P: 24.0V ⎓ 3.0A |
| Frequency Range | U-NII 5: 5925 MHz ~ 6425 MHz<br>U-NII 6: 6425 MHz ~ 6525 MHz<br>U-NII 7: 6525 MHz ~ 6875 MHz<br>U-NII 8: 6875 MHz ~ 7125 MHz |
| Operation Frequency | UNII-5: 5955 MHz ~ 6415 MHz<br>UNII-6: 6425 MHz ~ 6515 MHz<br>UNII-7: 6525 MHz ~ 6875 MHz<br>UNII-8: 6895 MHz ~ 7115 MHz |
| Modulation Technology | IEEE 802.11ax: OFDMA |
| Transfer Rate | IEEE 802.11ax: up to 2402 Mbps |
| Maximum e.i.r.p._UNII-5 | IEEE 802.11ax(HE160): 16.15 dBm (0.0412 W) |
| Maximum e.i.r.p._UNII-6 | IEEE 802.11ax(HE160): 15.61 dBm (0.0364 W) |
| Maximum e.i.r.p._UNII-7 | IEEE 802.11ax(HE160): 15.78 dBm (0.0378 W) |
| Maximum e.i.r.p._UNII-8 | IEEE 802.11ax(HE160): 17.59 dBm (0.0574 W) |

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:

| UNII-5 | | | | | | | |
|---|---|---|---|---|---|---|---|
| IEEE 802.11ax(HE20) | | IEEE 802.11ax(HE40) | | IEEE 802.11ax(HE80) | | IEEE 802.11ax(HE160) | |
| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 1 | 5955 | 3 | 5965 | 7 | 5985 | 15 | 6025 |
| 5 | 5975 | 11 | 6005 | 23 | 6065 | 47 | 6185 |
| 9 | 5995 | 19 | 6045 | 39 | 6145 | 79 | 6345 |
| 13 | 6015 | 27 | 6085 | 55 | 6225 | | |
| 17 | 6035 | 35 | 6125 | 71 | 6305 | | |
| 21 | 6055 | 43 | 6165 | 87 | 6385 | | |
| 25 | 6075 | 51 | 6205 | | | | |
| 29 | 6095 | 59 | 6245 | | | | |
| 33 | 6115 | 67 | 6285 | | | | |
| 37 | 6135 | 75 | 6325 | | | | |
| 41 | 6155 | 83 | 6365 | | | | |
| 45 | 6175 | 91 | 6405 | | | | |
| 49 | 6195 | | | | | | |
| 53 | 6215 | | | | | | |
| 57 | 6235 | | | | | | |
| 61 | 6255 | | | | | | |
| 65 | 6275 | | | | | | |
| 69 | 6295 | | | | | | |
| 73 | 6315 | | | | | | |
| 77 | 6335 | | | | | | |
| 81 | 6355 | | | | | | |
| 85 | 6375 | | | | | | |
| 89 | 6395 | | | | | | |
| 93 | 6415 | | | | | | |

| UNII-6 | | | | | | | |
|---|---|---|---|---|---|---|---|
| IEEE 802.11ax(HE20) | | IEEE 802.11ax(HE40) | | IEEE 802.11ax(HE80) | | IEEE 802.11ax(HE160) | |
| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 97 | 6435 | 99 | 6445 | 103 | 6465 | 111 | 6505 |
| 101 | 6455 | 107 | 6485 | | | | |
| 105 | 6475 | 115 | 6525 | | | | |
| 109 | 6495 | | | | | | |
| 113 | 6515 | | | | | | |

| UNII-7 | | | | | | | |
|---|---|---|---|---|---|---|---|
| IEEE 802.11ax(HE20) | | IEEE 802.11ax(HE40) | | IEEE 802.11ax(HE80) | | IEEE 802.11ax(HE160) | |
| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 117 | 6535 | 123 | 6565 | 119 | 6545 | 143 | 6665 |
| 121 | 6555 | 131 | 6605 | 135 | 6625 | 175 | 6825 |
| 125 | 6575 | 139 | 6645 | 151 | 6705 | | |
| 129 | 6595 | 147 | 6685 | 167 | 6785 | | |
| 133 | 6615 | 155 | 6725 | 183 | 6865 | | |
| 137 | 6635 | 163 | 6765 | | | | |
| 141 | 6655 | 171 | 6805 | | | | |
| 145 | 6675 | 179 | 6845 | | | | |
| 149 | 6695 | | | | | | |
| 153 | 6715 | | | | | | |
| 157 | 6735 | | | | | | |
| 161 | 6755 | | | | | | |
| 165 | 6775 | | | | | | |
| 169 | 6795 | | | | | | |
| 173 | 6815 | | | | | | |
| 177 | 6835 | | | | | | |
| 181 | 6855 | | | | | | |

| UNII-8 | | | | | | | |
|---|---|---|---|---|---|---|---|
| IEEE 802.11ax(HE20) | | IEEE 802.11ax(HE40) | | IEEE 802.11ax(HE80) | | IEEE 802.11ax(HE160) | |
| Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) | Channel | Frequency (MHz) |
| 185 | 6875 | 187 | 6885 | 199 | 6945 | 207 | 6985 |
| 189 | 6895 | 195 | 6925 | 215 | 7025 | | |
| 193 | 6915 | 203 | 6965 | | | | |
| 197 | 6935 | 211 | 7005 | | | | |
| 201 | 6955 | 219 | 7045 | | | | |
| 205 | 6975 | 227 | 7085 | | | | |
| 209 | 6995 | | | | | | |
| 213 | 7015 | | | | | | |
| 217 | 7035 | | | | | | |
| 221 | 7055 | | | | | | |
| 225 | 7075 | | | | | | |
| 229 | 7095 | | | | | | |
| 233 | 7115 | | | | | | |

3. Antenna Specification:

| Ant. | Brand | P/N | Antenna Type | Connector | Frequency Range (MHz) | Gain (dBi) |
|---|---|---|---|---|---|---|
| 1 | | W3006 | Chip | N/A | 5925-6425 | 3.2 |
| | | | | | 5925-6425 | 3.2 |
| | | | | | 6525-6875 | 3.2 |
| | | | | | 6875-7125 | 3.2 |
| 2 | | W3006 | Chip | N/A | 5925-6425 | 3 |
| | | | | | 5925-6425 | 3 |
| | | | | | 6525-6875 | 3 |
| | | | | | 6875-7125 | 3 |

Note:
This EUT supports CDD, and all antenna gains are not equal, Directional gain = $G_{ANT}$+Array Gain
For power measurements, Array Gain=0dB ($N_{ANT}$≤4), so the Directional gain=3.2.
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=3.0+10log(2/1)dBi=6.03.

4. Operating Mode and Antenna Confguration:

| Operating Mode / TX Mode | 2TX |
|---|---|
| IEEE 802.11ax(HE20) | V (Ant. 1 + Ant. 2) |
| IEEE 802.11ax(HE40) | V (Ant. 1 + Ant. 2) |
| IEEE 802.11ax(HE80) | V (Ant. 1 + Ant. 2) |
| IEEE 802.11ax(HE160) | V (Ant. 1 + Ant. 2) |

## 3.2 TEST MODES

| Test Items | Test Mode | Channel | Note |
|---|---|---|---|
| AC Power Line Conducted Emissions | IEEE 802.11ax(HE160) | 207 | - |
| Radiated Emissions-9kHz to 30MHz | IEEE 802.11ax(HE160) | 207 | - |
| Radiated Emissions-30MHz to 1000MHz | IEEE 802.11ax(HE160) | 207 | - |
| Radiated Emissions-Above 1000 MHz | IEEE 802.11ax(HE20) | 1,233 | Bandedge |
| | IEEE 802.11ax(HE40) | 3,227 | |
| | IEEE 802.11ax(HE80) | 7,215 | |
| | IEEE 802.11ax(HE160) | 15,207 | |
| | IEEE 802.11ax(HE20) | 1/45/93, 97/105/113, 117/149/181, 185/209/233 | Harmonic |
| | IEEE 802.11ax(HE40) | 3/43/91, 99/107/115, 123/155/179, 187/211/227 | |
| | IEEE 802.11ax(HE80) | 7/39/87, 103, 119/151/183, 199/215 | |
| | IEEE 802.11ax(HE160) | 15/47/79, 111, 143/175, 207 | |
| Bandwidth. &<br>Maximum e.i.r.p. &<br>Maximum Power Spectral Density(e.i.r.p.) &<br>In - Band Emission(Mask) | IEEE 802.11ax(HE20) | 1/45/93, 97/105/113, 117/149/181, 185/209/233 | - |
| | IEEE 802.11ax(HE40) | 3/43/91, 99/107/115, 123/155/179, 187/211/227 | |
| | IEEE 802.11ax(HE80) | 7/39/87, 103, 119/151/183, 199/215 | |
| | IEEE 802.11ax(HE160) | 15/47/79, 111, 143/175, 207 | |
| Contention Based Protocol | IEEE 802.11be(EHT20) | 45, 105, 149, 213 | - |
| | IEEE 802.11be(EHT160) | 47, 111, 143, 207 | |
| | IEEE 802.11be(EHT320) | 63, 95, 159, 191 | |
| Frequency Stability | IEEE 802.11ax(HE20) | 1,97,117,189 | - |

Note:
(1) For AC power line conducted emissions and radiated emission below 1 GHz test, the IEEE 802.11ax(HE160) channel 207 is found to be the worst case and 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) For radiated emission above 1 GHz test, the polarization of Vertical and Horizontal are evaluated, the worst case is Vertical. In this report only recorded the worst case.
(6) For radiated emission test, every axis (X, Y, Z) was also verified. The Z axis is found to be the worst case and recorded.
(7) IEEE 802.11ax mode only support full RU and non support channel puncturing, so only the full RU is evaluated and measured inside report.

## 3.3 PARAMETERS OF TEST SOFTWARE

| UNII-5 | | | |
|---|---|---|---|
| Test Software Version | qdart_conn.win.1.0_installer_00097.1 | | |
| Frequency (MHz) | 5955 | 6175 | 6415 |
| IEEE 802.11ax(HE20) | 2.5 | 3.5 | 3 |
| Frequency (MHz) | 5965 | 6165 | 6405 |
| IEEE 802.11ax(HE40) | 6.5 | 7.5 | 7 |
| Frequency (MHz) | 5985 | 6145 | 6385 |
| IEEE 802.11ax(HE80) | 9 | 10.5 | 10.5 |
| Frequency (MHz) | 6025 | 6185 | 6345 |
| IEEE 802.11ax(HE160) | 12.5 | 13 | 12.5 |

| UNII-6 | | | |
|---|---|---|---|
| Test Software Version | qdart_conn.win.1.0_installer_00097.1 | | |
| Frequency (MHz) | 6435 | 6475 | 6515 |
| IEEE 802.11ax(HE20) | 1 | 3 | 3 |
| Frequency (MHz) | 6445 | 6485 | 6525 |
| IEEE 802.11ax(HE40) | 7 | 7.5 | 7 |
| Frequency (MHz) | 6465 | | |
| IEEE 802.11ax(HE80) | 10.5 | | |
| Frequency (MHz) | 6505 | | |
| IEEE 802.11ax(HE160) | 12.5 | | |

| UNII-7 | | | |
|---|---|---|---|
| Test Software Version | qdart_conn.win.1.0_installer_00097.1 | | |
| Frequency (MHz) | 6535 | 6695 | 6855 |
| IEEE 802.11ax(HE20) | 2.5 | 2 | 5 |
| Frequency (MHz) | 6565 | 6725 | 6845 |
| IEEE 802.11ax(HE40) | 7 | 6 | 8 |
| Frequency (MHz) | 6545 | 6705 | 6785 / 6865 |
| IEEE 802.11ax(HE80) | 10.5 | 9.5 | 11 |
| Frequency (MHz) | 6665 | 6825 | |
| IEEE 802.11ax(HE160) | 12.5 | 13.5 | |

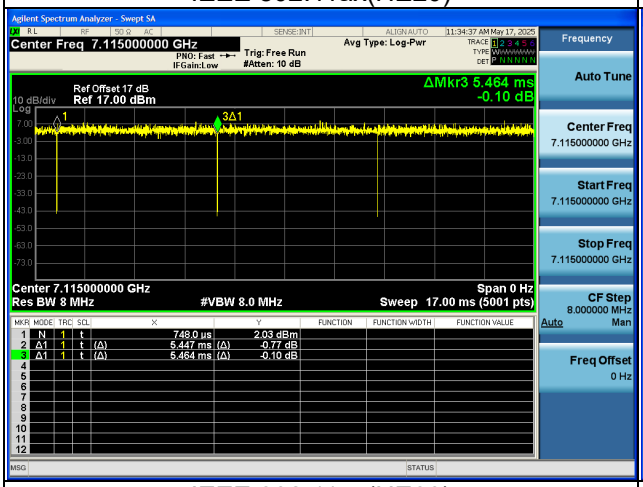
| UNII-8 | | | |
|---|---|---|---|
| Test Software Version | qdart_conn.win.1.0_installer_00097.1 | | |
| Frequency (MHz) | 6875 | 6995 | 7115 |
| IEEE 802.11ax(HE20) | 5 | 5.5 | -3 |
| Frequency (MHz) | 6925 | 7005 | 7085 |
| IEEE 802.11ax(HE40) | 7.5 | 8.5 | 8 |
| Frequency (MHz) | 6945 | 7025 | |
| IEEE 802.11ax(HE80) | 11.5 | 11.5 | |
| Frequency (MHz) | 6985 | | |
| IEEE 802.11ax(HE160) | 14.5 | | |

## 3.4 DUTY CYCLE

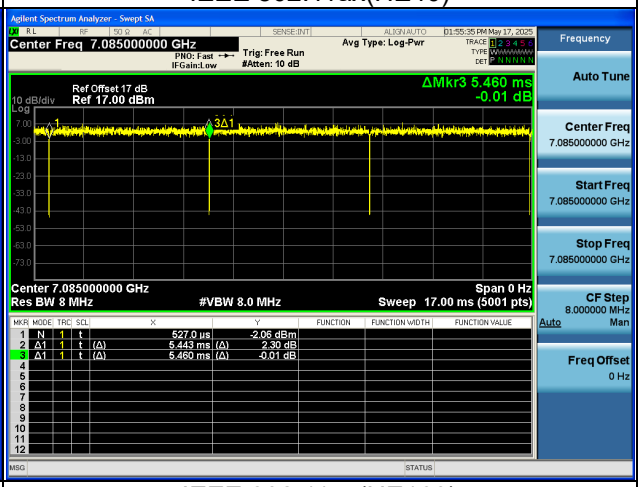
If duty cycle is ≥ 98 %, duty factor is not required.
If duty cycle is < 98 %, duty factor shall be considered.

| Remark | Delta 1 | | | Delta 2 | On Time/Period | 10 log(1/Duty Cycle) | 1/On Time (B) |
|---|---|---|---|---|---|---|---|
| Mode | ON (ms) | Numbers (ON) | On Time (B) (ms) | Period (ON+OFF) (ms) | Duty Cycle (%) | Duty Factor (dB) | 1/B Minimum VBW (kHz) |
| IEEE 802.11ax(HE20) | 5.447 | 1 | 5.447 | 5.464 | 99.69% | 0.01 | 0.010 |
| IEEE 802.11ax(HE40) | 5.443 | 1 | 5.443 | 5.460 | 99.69% | 0.01 | 0.010 |
| IEEE 802.11ax(HE80) | 5.443 | 1 | 5.443 | 5.460 | 99.69% | 0.01 | 0.010 |
| IEEE 802.11ax(HE160) | 5.443 | 1 | 5.443 | 5.460 | 99.69% | 0.01 | 0.010 |

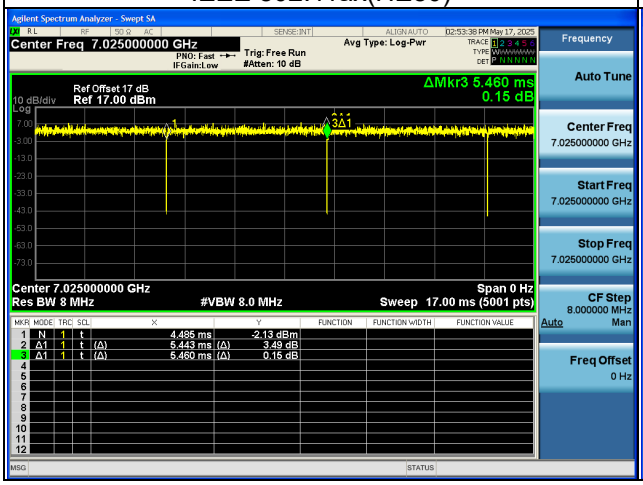
IEEE 802.11ax(HE20)



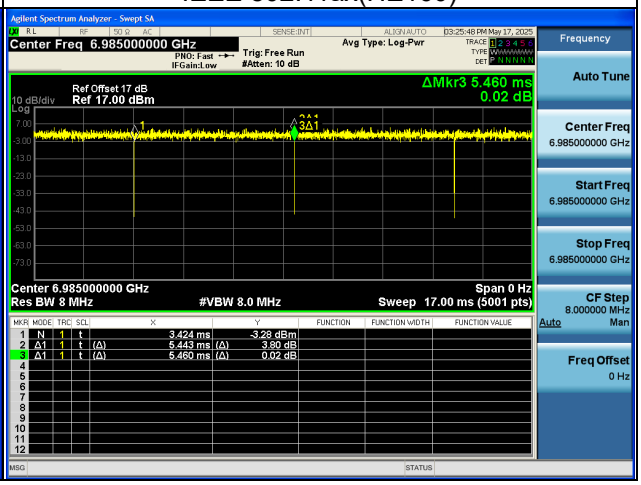

IEEE 802.11ax(HE40)




IEEE 802.11ax(HE80)

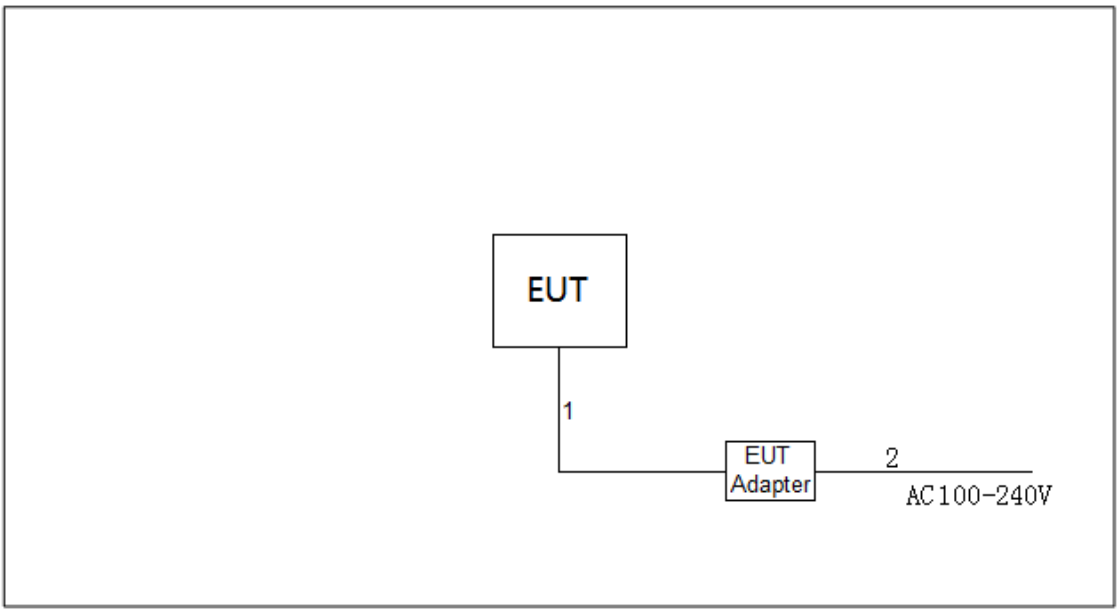



IEEE 802.11ax(HE160)



## 3.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Equipment letters and Cable numbers refer to item numbers described in the tables of clause 3.6.




## 3.6 SUPPORT UNITS

| Item | Equipment | Brand | Model No. | Series No. |
|---|---|---|---|---|
| - | - | - | - | - |

| Item | Cable Type | Shielded Type | Ferrite Core | Length |
|---|---|---|---|---|
| 1 | DC Cable | NO | NO | 1.2m |
| 2 | AC Cable | NO | NO | 1.5m |

## 3.7 CUSTOMER INFORMATION DESCRIPTION

1) The antenna gain is provided by the manufacturer.
2) Except for AC power line conducted emissions and radiated emissions, the results of all test items include cable losses. Part of the cable losses (0.5dB) are provided by the manufacturer, while the other parts of the cable losses are provided by the testing laboratory.

# 4. AC POWER LINE CONDUCTED EMISSIONS

## 4.1 LIMIT

| Frequency (MHz) | Limit (dBμV) | |
|---|---|---|
| | Quasi-peak | Average |
| 0.15 - 0.5 | 66 to 56* | 56 to 46* |
| 0.5 - 5.0 | 56 | 46 |
| 5.0 - 30.□ | 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

## 4.2 TEST PROCEDURE

a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling 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 30 to 40 cm long.
c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
d. LISN at least 80 cm from nearest part of EUT chassis.
e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

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.

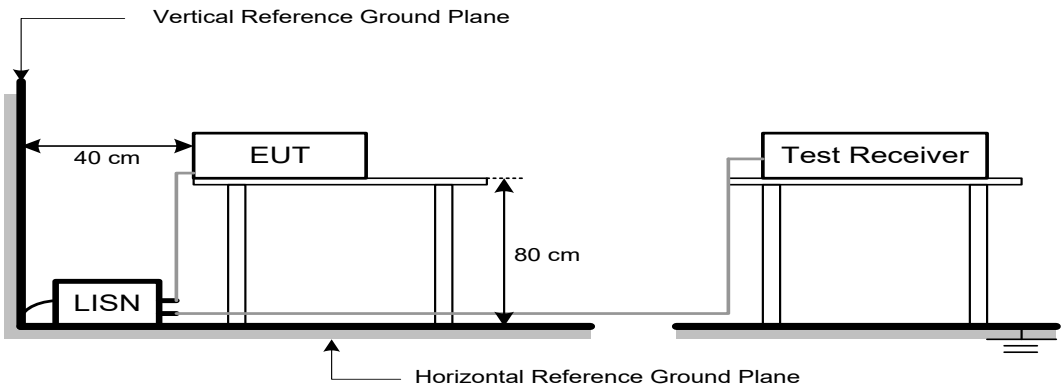
The following table is the setting of the receiver:

| Receiver Parameter | Setting |
|---|---|
| Start Frequency | 0.15 MHz |
| Stop Frequency | 30 MHz |
| IF Bandwidth | 9 kHz |

## 4.3 DEVIATION FROM TEST STANDARD

No deviation

## 4.4 TEST SETUP




## 4.5 EUT OPERATION CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.
The EUT was programmed to be in continuously transmitting/TX mode.

## 4.6 TEST RESULTS

Please refer to the APPENDIX A.

# 5. RADIATED EMISSIONS

## 5.1 LIMIT

According to 15.407(b)(6) the limits are as follows:
For transmitters operating within the 5.925-7.125 GHz band: Any emissions outside of the 5.925-7.125 GHz band must not exceed an e.i.r.p. of -27 dBm/MHz.

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

LIMITS OF RADIATED EMISSIONS MEASUREMENT (9 kHz to 1000 MHz) AND UNWANTED EMISSION WITHIN THE RESTRICTED BANDS (Above 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 |
| Above 960 | 500 | 3 |

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS (Above 1000 MHz)

| Frequency (MHz) | EIRP Limit (dBm/MHz) | Maximum field strength Limit at 3m (dBμV/m) | Maximum field strength Limit at 1m (dBμV/m) |
|---|---|---|---|
| 5925-7125 | Average: -27 | 68.2 | 77.7 (Note 2) |

NOTE:
(1) e.i.r.p. Limit (dBuV/m at 3m) = Power Limit(dBm) + 95.2. (Referring to FCC KDB 987594 D02, clause G.2.d)(iii))
(2)

$$FS_{\text{limit}} = FS_{\max} - 20\log\left(\frac{d_{\text{limit}}}{d_{\text{measure}}}\right)$$

20log ($d_{limit}/d_{measure}$)=20log (3/1)=9.5 dB.
$FS_{limit}$: Harmonic at 3m Peak and Average limit.
$FS_{max}$: Harmonic at 1m Peak and Average Maximum value.
$d_{limit}$: Harmonic at 3m test distance.
$d_{measure}$: Harmonic Actual test distance.
(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

## 5.2 TEST PROCEDURE

For measurements below 30 MHz:

a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
c. Parallel, perpendicular, and ground-parallel orientations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
e. The test-receiver system was set to Quasi-Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

For measurements 30 MHz to 40 GHz:

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.(30MHz to 1GHz)
b. The measuring distance of 3 m or 1m 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 0.8m or 1.5m; 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 1 GHz.
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. (30MHz to 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 1 GHz)
i. For the actual test configuration, please refer to the related Item –EUT Test Photos.

The following table is the setting of the receiver:

| Spectrum Parameters | Setting |
|---|---|
| Start ~ Stop Frequency | 9 kHz~150 kHz for RBW 200 Hz |
| Start ~ Stop Frequency | 0.15 MHz~30 MHz for RBW 9 kHz |
| Start ~ Stop Frequency | 30 MHz~1000 MHz for RBW 100 kHz |

| Spectrum Parameters | Setting |
|---|---|
| Start Frequency | 1000 MHz |
| Stop Frequency | 10th carrier harmonic or 40 GHz, whichever is lower |
| RBW / VBW<br>(Emission in restricted band) | 1 MHz / 3 MHz for PK value<br>1 MHz / 1/T Hz for AVG value |

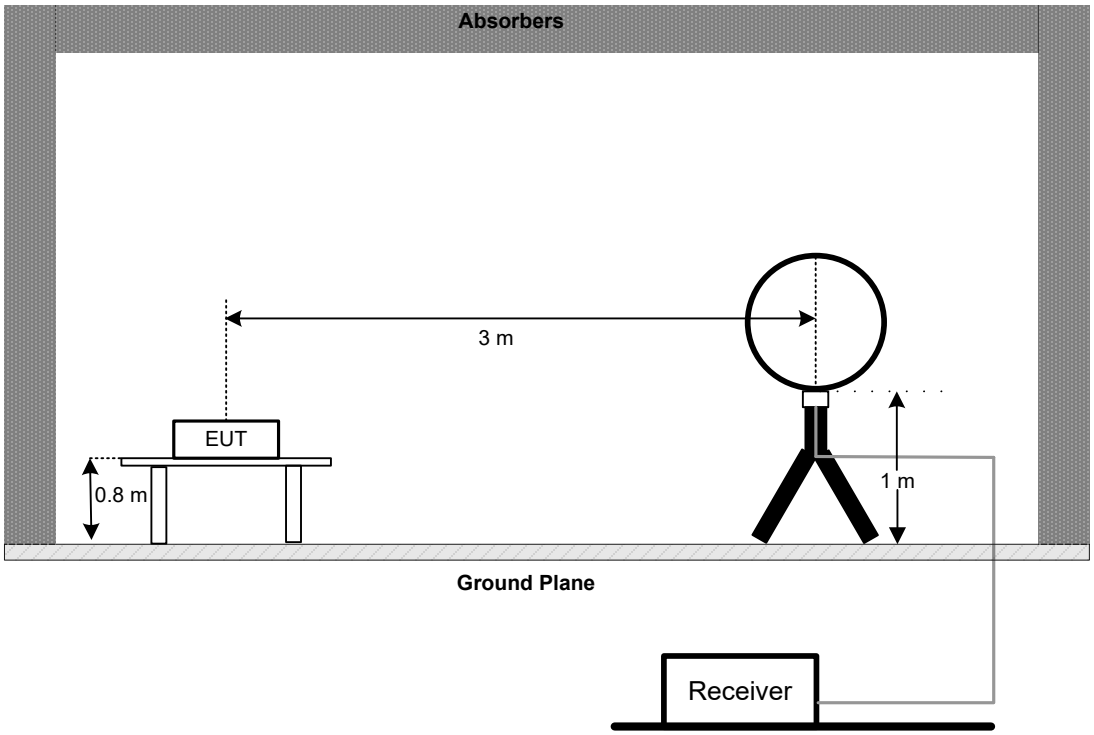
| Receiver Parameters | Setting |
|---|---|
| Start ~ Stop Frequency | 9 kHz~90 kHz for PK/AVG detector |
| Start ~ Stop Frequency | 90 kHz~110 kHz for QP detector |
| Start ~ Stop Frequency | 110 kHz~490 kHz for PK/AVG detector |
| Start ~ Stop Frequency | 490 kHz~30 MHz for QP detector |
| Start ~ Stop Frequency | 30 MHz~1000 MHz for QP detector |
| Start ~ Stop Frequency | 1 GHz~40 GHz for PK/AVG detector |

## 5.3 DEVIATION FROM TEST STANDARD

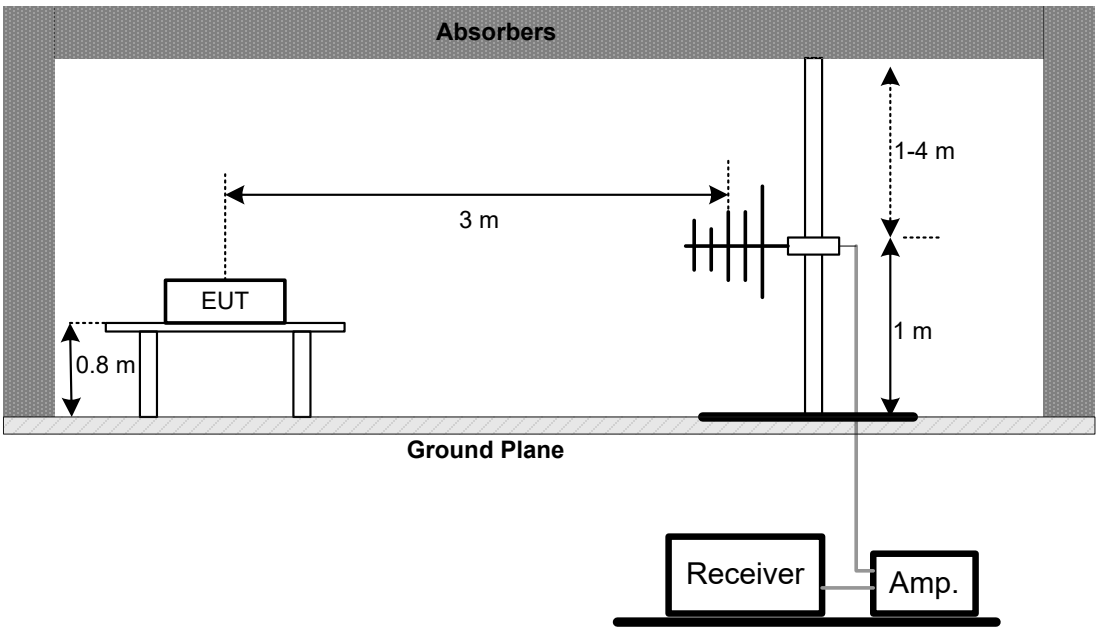
No deviation.

## 5.4 TEST SETUP

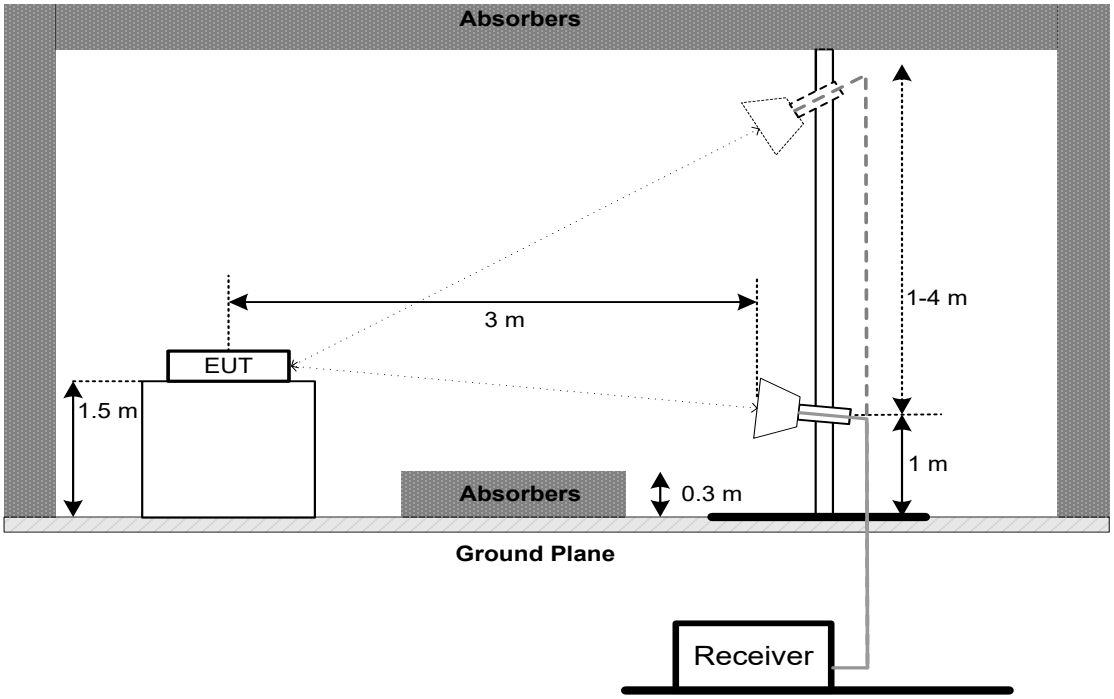
**9 kHz to 30 MHz**



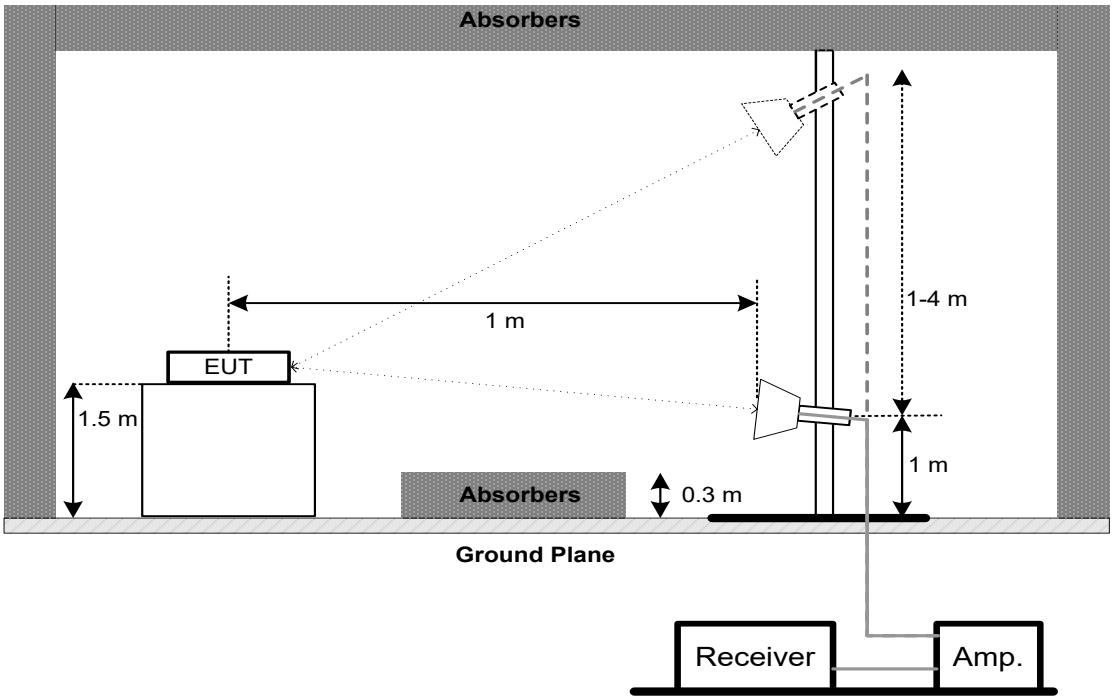

**30 MHz to 1 GHz**



**Above 1 GHz**
**Band edge & Harmonic (1 GHz to 18 GHz)**




**Harmonic (18 GHz to 40 GHz)**



## 5.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

## 5.6 TEST RESULTS - 9 KHZ TO 30 MHZ

Please refer to the APPENDIX B.

Remark:

(1) Distance extrapolation factor = 40 log (specific distance / test distance) (dB).
(2) Limit line = specific limits (dBuV) + distance extrapolation factor.

## 5.7 TEST RESULTS - 30 MHZ TO 1000 MHZ

Please refer to the APPENDIX C.

## 5.8 TEST RESULTS - ABOVE 1000 MHZ

Please refer to the APPENDIX D.

Remark:

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

# 6. BANDWIDTH

## 6.1 LIMIT

| Section | Test Item | Limit | Frequency Range (MHz) |
|---|---|---|---|
| FCC 15.407(a) | 26 dB Bandwidth | Maximum 320 MHz | 5925-7125 |

## 6.2 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:

For 26 dB Bandwidth:

| Spectrum Parameter | Setting |
|---|---|
| Span Frequency | > 26 dB Bandwidth |
| RBW | Appromiximately 1% of the emission bandwidth |
| VBW | > RBW |
| Detector | Peak |
| Trace | Max Hold |
| Sweep Time | Auto |

For 99% Occupied Bandwidth:

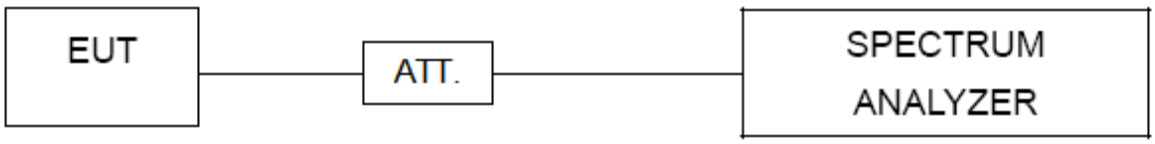
| Spectrum Parameter | Setting |
|---|---|
| Span Frequency | 1.5 times to 5 times the OBW |
| RBW | 1% to 5% of the OBW |
| VBW | ≥ 3*RBW |
| Detector | Peak |
| Trace | Max Hold |
| Sweep Time | Auto |

c. Measured the spectrum width with power higher than 26 dB below carrier.

## 6.3 DEVIATION FROM STANDARD

No deviation.

## 6.4 TEST SETUP




## 6.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

## 6.6 TEST RESULTS

Please refer to the APPENDIX E.

# 7. MAXIMUM E.I.R.P.

## 7.1 LIMIT

| Section | Test Item | Limit | Frequency Range (MHz) |
|---|---|---|---|
| FCC 15.407(a) | Maximum e.i.r.p. | Standard power access point and fixed client device<br>36 dBm | 5925-6425<br>6525-6875 |
| | | Indoor access point<br>30 dBm | |
| | | Subordinate device operating under the control of an indoor access point<br>30 dBm | |
| | | Client devices operating under the control of a standard power access point<br>30 dBm | |
| | | Client devices operating under the control of an indoor access point<br>24 dBm | |
| | | Indoor access point<br>30 dBm | 6425-6525<br>6875-7125 |
| | | Subordinate device operating under the control of an indoor access point<br>30 dBm | |
| | | Client devices operating under the control of an indoor access point<br>24 dBm | |

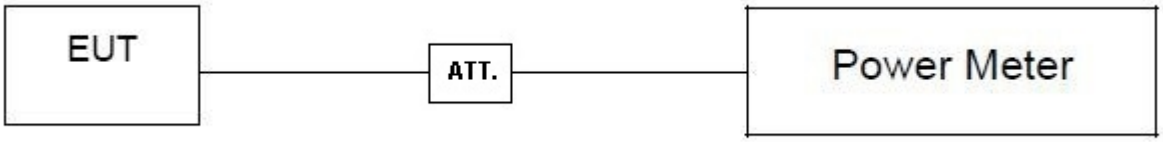
## 7.2 TEST PROCEDURE

a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
b. Test test was performed in accordance with method of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

## 7.3 DEVIATION FROM STANDARD

No deviation.

## 7.4 TEST SETUP




## 7.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

## 7.6 TEST RESULTS

Please refer to the APPENDIX F.

## 8. MAXIMUM POWER SPECTRAL DENSITY (E.I.R.P.)

### 8.1 LIMIT

| Section | Test Item | Limit | Frequency Range (MHz) |
|---|---|---|---|
| FCC 15.407(a) | Maximum Power Spectral Density (e.i.r.p.) | Standard power access point and fixed client device<br>23 dBm/MHz | 5925-6425<br>6525-6875 |
| | | Indoor access point<br>5 dBm/MHz | |
| | | Subordinate device operating under the control of an indoor access point<br>5 dBm/MHz | |
| | | Client devices operating under the control of a standard power access point<br>17 dBm/MHz | |
| | | Client devices operating under the control of an indoor access point<br>-1 dBm/MHz | |
| | | Indoor access point<br>5 dBm/MHz | 6425-6525<br>6875-7125 |
| | | Subordinate device operating under the control of an indoor access point<br>5 dBm/MHz | |
| | | Client devices operating under the control of an indoor access point<br>-1 dBm/MHz | |

### 8.2 TEST PROCEDURE

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

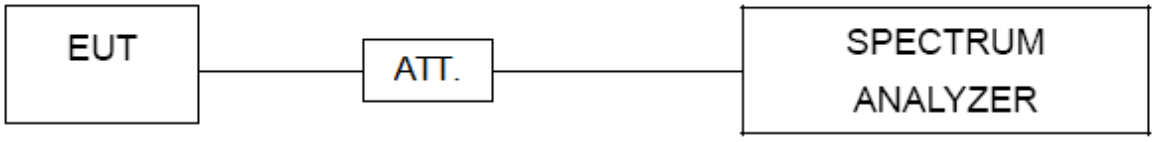
b. Spectrum Setting:

| Spectrum Parameter | Setting |
|---|---|
| Span Frequency | Encompass the entire emissions bandwidth (EBW) of the signal |
| RBW | 1 MHz |
| VBW | 3 MHz |
| Detector | RMS |
| Trace average | 100 trace |
| Sweep Time | Auto |

### 8.3 DEVIATION FROM STANDARD

No deviation.

## 8.4 TEST SETUP




## 8.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

## 8.6 TEST RESULTS

Please refer to the APPENDIX G.

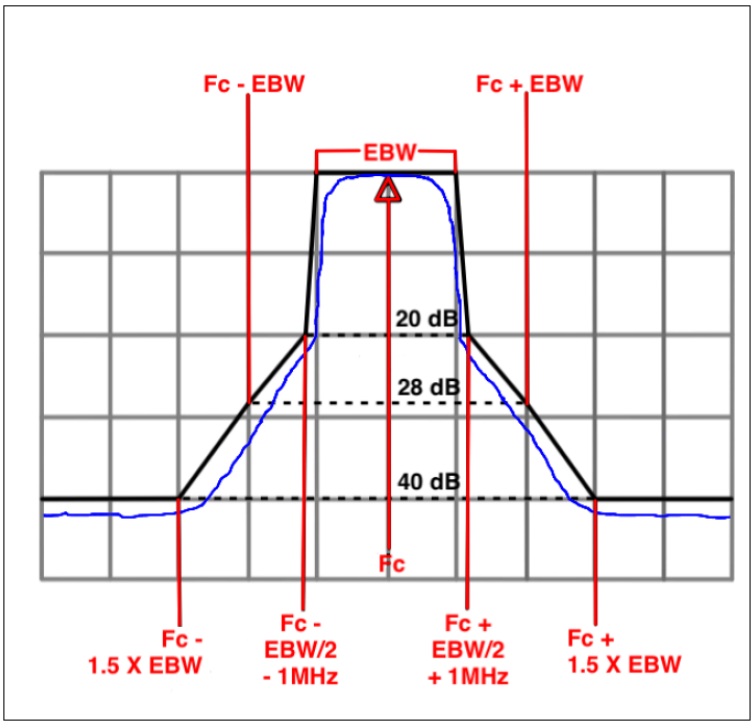
## 9. IN-BAND EMISSION (MASK)

### 9.1 LIMIT

| Section | Test Item | Frequency Range (MHz) | (X) dBc **(Note 1)** |
|---|---|---|---|
| FCC 15.407(b) | In-Band Emission (Mask) | At 1MHz outside of channel edge | 20 |
| | | At one channel bandwidth from the channel center **(Note 2)** | 28 |
| | | At one- and one-half times the channel bandwidth away from channel center **(Note 3)** | 40 |
| | | More than one- and one-half times the channel bandwidth | 40 |

Note:

1. The power spectral density must be suppressed by “X” dB.
2. At frequencies between one megahertz outside an unlicensed device’s channel edge and one channel bandwidth from the center of the channel, the limits must be linearly interpolated between 20 dB and 28 dB suppression.
3. At frequencies between one and one- and one-half times an unlicensed device’s channel bandwidth, the limits must be linearly interpolated between 28 dB and 40 dB suppression.



## 9.2 TEST PROCEDURE

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

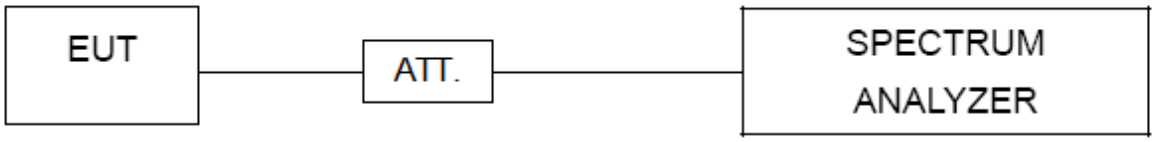
b. Spectrum Setting:

| Spectrum Parameter | Setting |
|---|---|
| Span Frequency | > 26 dB Bandwidth |
| RBW | Appromiximately 1% of the emission bandwidth |
| VBW | ≥3xRBW |
| Detector | RMS |
| Trace average | 100 trace |
| Sweep Time | Auto |

## 9.3 DEVIATION FROM STANDARD

No deviation.

## 9.4 TEST SETUP




## 9.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

## 9.6 TEST RESULTS

Please refer to the APPENDIX H.

# 10. CONTENTION BASED PROTOCOL

## 10.1 LIMIT

Indoor access points, subordinate devices and client devices operating in the 5.925-7.125 GHz band (herein referred to as unlicensed devices) are required to use technologies that include a contention-based protocol to avoid co-channel interference with incumbent devices sharing the band. To ensure incumbent co-channel operations are detected in a technology-agnostic manner, unlicensed devices are required to detect co-channel radio frequency energy (energy detect) and avoid simultaneous transmission.
Unlicensed low-power indoor devices must detect co-channel radio frequency power that is at least -62 dBm or lower. Upon detection of energy in the band, unlicensed low power indoor devices must vacate the channel and stay off the channel as long as detected radio frequency power is equal to or greater than the threshold (-62 dBm). The -62 dBm (or lower) threshold is referenced to a 0 dBi antenna gain. (See note)
To ensure incumbent operations are reliably detected in the band, low power indoor devices must detect RF energy throughout their intended operating channel. For example, an 802.11 device that plans to transmit a 40 MHz- wide signal (on a primary 20 MHz channel and a secondary 20 MHz channel) must detect energy throughout the entire 40 MHz channel. Additionally, low-power indoor devices must detect co-channel energy with 90% or greater certainty.

## 10.2 TEST PROCEDURE

Number of times detection threshold:

| If | Number of Tests | Placement of Incumbent Transmission |
|---|---|---|
| $BW_{EUT} \leqslant BW_{Inc}$ | Once | Tune incumbent and EUT transmissions ($f_{c1}=f_{c2}$) |
| $BW_{Inc} < BW_{EUT} \leqslant 2BW_{Inc}$ | Once | Incumbent transmission is contained within $BW_{EUT}$ |
| $2BW_{Inc} < BW_{EUT} \leqslant 4BW_{Inc}$ | Twice. Incumbent transmission is contained within $BW_{EUT}$ | Incumbent transmission is located as closely as possible to the lower edge and upper edge, respectively, of the EUT channel |
| $BW_{EUT} > 4BW_{Inc}$ | Three times | Incumbent transmission is located as closely as possible to the lower edge of the EUT channel, in the middle of EUT channel, and as closely as possible to the upper edge of the EUT channel |

Where:
$BW_{EUT}$: Transmission bandwidth of EUT signal.
$BW_{Inc}$: Transmission bandwidth of the simulated incumbent signal (10 MHz wide AWGN signal).
$f_{c1}$: Center frequency of EUT transmission.
$f_{c2}$: Center frequency of simulated incumbent signal.

**For Conducted measurement:**

a. Configure the EUT to transmit with a constant duty cycle.
b. Set the operating parameters of the EUT including power level, operating frequency, modulation and bandwidth.
c. Set the signal analyzer center frequency to the nominal EUT channel center frequency. The span range of the signal analyzer shall be between two times and five times the OBW of the EUT. Connect the output port of the EUT to the signal analyzer 2. Ensure that the attenuator 2 provides enough attenuation to not overload the signal analyzer 2 receiver.
d. Monitoring the signal analyzer 2, verify the EUT is operating and transmitting with the parameters set at step b.
e. Using an AWGN signal source, generate (but do not transmit, i.e., RF OFF) a 10 MHz-wide AWGN signal. Use Table 1 to determine the center frequency of the 10 MHz AWGN signal relative to the EUT's channel bandwidth and center frequency.
f. Set the AWGN signal power to an extremely low level (more than 20 dB below the -62 dBm threshold). Connect the AWGN signal source, via a 3-dB splitter, to the signal analyzer 1 and the EUT.
g. Transmit the AWGN signal (RF ON) and verify its characteristics on the signal analyzer 1.
h. Monitor the signal analyzer 2 to verify if the AWGN signal has been detected and the EUT has ceased transmission. If the EUT continues to transmit, then incrementally increase the AWGN signal power level until the EUT stops transmitting.
i. (Including all losses in the RF paths) Determine and record the AWGN signal power level (at the EUT's antenna port) at which the EUT ceased transmission. Repeat the procedure at least 10 times to verify the EUT can detect an AWGN signal with 90% (or better) level of certainty.
j. Refer to Table 1 to determine number of times the detection threshold testing needs to be repeated. If testing is required more than once, then go back to step e, choose a different center frequency for the AWGN signal and repeat the process.

## 10.3 DEVIATION FROM STANDARD

No deviation.

## 10.4 TEST SETUP

**For Conducted measurement:**

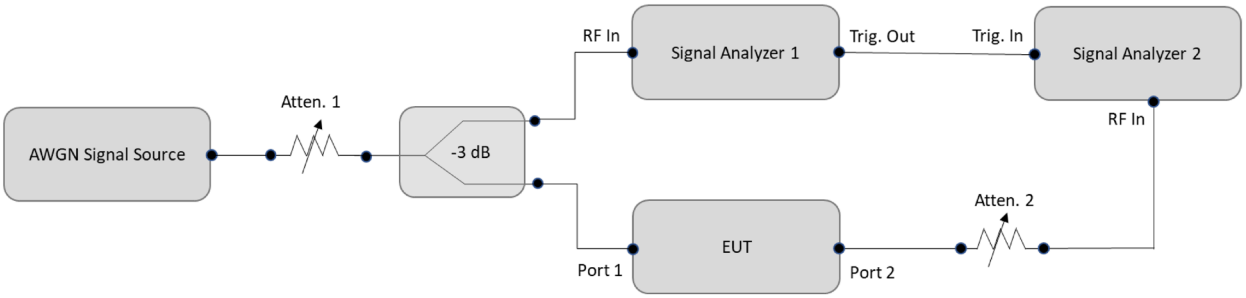



**Figure 2. Contention-based protocol test setup, conducted method Step-by-Step Procedure, Conducted Setup**

## 10.5 EUT OPERATION CONDITIONS

The EUT was Configured to be in normally transmitting mode with a constant duty cycle.

## 10.6 TEST RESULTS

Please refer to the APPENDIX I.

## 11. FREQUENCY STABILITY

### 11.1 LIMIT

| Section | Test Item | Limit | Frequency Range (MHz) |
|---|---|---|---|
| FCC 15.407(g) | Frequency Stability | An emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual. | 5925-6425 |
| | | | 6425-6525 |
| | | | 6525-6875 |
| | | | 6875-7125 |

### 11.2 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:

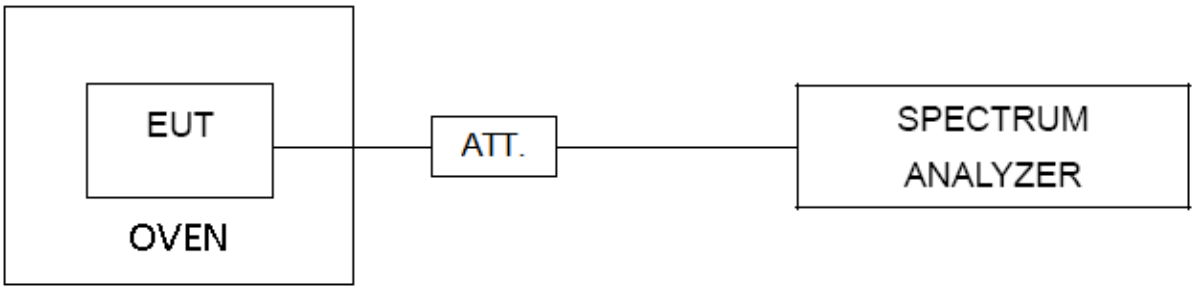
| Spectrum Parameter | Setting |
|---|---|
| Span Frequency | Entire absence of modulation emissions bandwidth |
| RBW | 10 kHz |
| VBW | 10 kHz |
| Detector | Peak |
| Trace | Max Hold |
| Sweep Time | Auto |

c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.
d. User manual temperature is -10°C~50°C.

### 11.3 DEVIATION FROM STANDARD

No deviation.

### 11.4 TEST SETUP




### 11.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

### 11.6 TEST RESULTS

Please refer to the APPENDIX J.

## 12. LIST OF MEASURING EQUIPMENTS

| AC Power Line Conducted Emissions | | | | | | |
|---|---|---|---|---|---|---|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated Date | Calibrated Until |
| 1 | EMI TEST RECEIVER | R&S | ESCI | 100382 | Dec. 06, 2025 | Dec. 07, 2024 |
| 2 | TWO-LINE V-NETWORK | R&S | ENV216 | 101447 | Dec. 06, 2025 | Dec. 07, 2024 |
| 3 | Measurement Software | Farad | EZ-EMC Ver.NB-03A1-01 | N/A | N/A | N/A |
| 4 | Cable | N/A | SFT205-NMNM-9M-001 | 9M | Nov. 11, 2025 | Nov. 12, 2024 |
| 5 | 643 Shield Room | ETS | 6*4*3 | N/A | N/A | N/A |

| Radiated Emissions - 9 kHz to 30 MHz | | | | | | |
|---|---|---|---|---|---|---|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated Date | Calibrated Until |
| 1 | Active Loop Antenna | Schwarzbeck | FMZB 1513-60 | 00025 | Mar. 01, 2026 | Mar. 02, 2025 |
| 2 | Receiver | Agilent | N9038A | MY52130039 | Jan. 10, 2026 | Jan. 11, 2025 |
| 3 | Cable | RegalWay | LMR400-NM NM-6m | N/A | Apr. 26, 2026 | Apr. 27, 2025 |
| 4 | Cable | RegalWay | LMR400-NM RANM-3.5m | N/A | Apr. 26, 2026 | Apr. 27, 2025 |
| 5 | 966 Chamber room | CM | 9*6*6 | N/A | May 09, 2026 | May 10, 2025 |

| Radiated Emissions - 30 MHz to 1 GHz | | | | | | |
|---|---|---|---|---|---|---|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated Date | Calibrated Until |
| 1 | Trilog-Broadband Antenna | Schwarzbeck | VULB 9168 | 01462 | Dec. 14, 2025 | Dec. 15, 2024 |
| 2 | Attenuator | EMC INSTRUMENT | EMCI-N-6-06 | AT-06009 | Dec. 14, 2025 | Dec. 15, 2024 |
| 3 | Preamplifier | EMC INSTRUMENT | EMC001330 | 980998 | May 31, 2025 | Jun. 01, 2024 |
| 4 | Cable | RegalWay | LMR400-NM NM-12.5m | N/A | Jun. 06, 2025 | Jun. 07, 2024 |
| 5 | Cable | RegalWay | LMR400-NM NM-3m | N/A | Jun. 06, 2025 | Jun. 07, 2024 |
| 6 | Cable | RegalWay | LMR400-NM NM-0.5m | N/A | Jun. 06, 2025 | Jun. 07, 2024 |
| 7 | Receiver | Agilent | N9038A | MY52130039 | Jan. 10, 2026 | Jan. 11, 2025 |
| 8 | Positioning Controller | MF | MF-7802 | N/A | N/A | N/A |
| 9 | Measurement Software | Farad | EZ-EMC Ver.NB-03A1-01 | N/A | N/A | N/A |
| 10 | 966 Chamber room | CM | 9*6*6 | N/A | May 9, 2026 | May 10, 2025 |

| Radiated Emissions - 1 GHz to 18 GHz | | | | | | |
|---|---|---|---|---|---|---|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated Date | Calibrated Until |
| 1 | Receiver | Agilent | N9038A | MY52130039 | Jan. 10, 2026 | Jan. 11, 2025 |
| 2 | Preamplifier | EMC INSTRUMENT | EMC118A45SE | 980888 | Oct. 29, 2025 | Oct. 30, 2024 |
| 3 | Double Ridged Guide Antenna | ETS | 3115 | 75846 | Mar. 02, 2026 | Mar. 03, 2025 |
| 4 | Cable | RegalWay | RWLP50-4.0A-SMSM-12.5M | N/A | Jul. 03, 2025 | Jul. 04, 2024 |
| 5 | Cable | RegalWay | RWLP50-4.0A-NMRASM-2.5M | N/A | Jul. 03, 2025 | Jul. 04, 2024 |
| 6 | Cable | RegalWay | RWLP50-4.0A-NMRASMRA-0.8M | N/A | Jul. 03, 2025 | Jul. 04, 2024 |
| 7 | Attenuator | Talent Microwave | TA10A2-S-18 | N/A | N/A | N/A |
| 8 | Filter | COM-MW | ZHPF6-M8000 18000-1331 | N/A | Oct. 29, 2025 | Oct. 30, 2024 |
| 9 | Positioning Controller | MF | MF-7802 | N/A | N/A | N/A |
| 10 | Measurement Software | Farad | EZ-EMC Ver.NB-03A1-01 | N/A | N/A | N/A |
| 11 | 966 Chamber room | CM | 9*6*6 | N/A | May 16, 2026 | May 17, 2025 |

| Radiated Emissions - Above 18 GHz | | | | | | |
|---|---|---|---|---|---|---|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated Date | Calibrated Until |
| 1 | EXA Spectrum Analyzer | Keysight | N9010A | MY55150209 | Aug. 20, 2025 | Aug. 21, 2024 |
| 2 | Preamplifier | EMC INSTRUMENT | EMC184045SE | 980905 | Oct. 29, 2025 | Oct. 30, 2024 |
| 3 | Cable | RegalWay | RWLP50-2.6A-2.92M2.92M-1.1M | N/A | Jul. 25, 2025 | Jul. 26, 2024 |
| 4 | Cable | Tonscend | HF160-KMKM-3M | N/A | Jul. 25, 2025 | Jul. 26, 2024 |
| 5 | Broad-Band Horn Antenna | Schwarzbeck | BBHA9170(3m) | 9170-319 | Jun. 16, 2025 | Jun. 17, 2024 |
| 6 | 966 Chamber room | CM | 9*6*6 | N/A | May 09, 2026 | May 10, 2025 |
| 7 | Positioning Controller | MF | MF-7802 | N/A | N/A | N/A |
| 8 | Measurement Software | Farad | EZ-EMC Ver.NB-03A1-01 | N/A | N/A | N/A |

| Bandwidth & Maximum Power Spectral Density & In-Band Emission (Mask) | | | | | | |
|---|---|---|---|---|---|---|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated Date | Calibrated Until |
| 1 | EXA Spectrum Analyzer | Agilent | N9010A | MY50520044 | Dec. 06, 2025 | Dec. 07, 2024 |
| 2 | Isolation attenuator | Z-Link | ASMA-16-18-2W | N/A | N/A | N/A |
| 3 | Cable | RegalWay | 20210802 015 | RWP50-402-SMSM-1M | N/A | N/A |
| 4 | Measurement Software | BTL | WIFI6E TestSystem | N/A | N/A | N/A |

| Maximum e.i.r.p. | | | | | | |
|---|---|---|---|---|---|---|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated Date | Calibrated Until |
| 1 | Peak Power Analyzer | Keysight | 8990B | MY51000506 | May. 31, 2025 | Jun. 01, 2024 |
| 2 | Wideband power sensor | Keysight | N1923A | MY58310004 | May. 31, 2025 | Jun. 01, 2024 |
| 3 | Isolation attenuator | Z-Link | ASMA-10-18-2W | N/A | N/A | N/A |

| Contention Based Protocol | | | | | | |
|---|---|---|---|---|---|---|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated Date | Calibrated Until |
| 1 | MXA Signal Analyzer | KEYSIGHT | N9010A | MY56480488 | Apr. 25, 2026 | Apr. 26, 2025 |
| 2 | EXA Spectrum Analyzer | Agilent | N9010A | MY50520044 | Dec. 06, 2025 | Dec. 07, 2024 |
| 3 | Power Splitter | N/A | N/A | SZ201504789 | Dec. 06, 2025 | Dec. 07, 2024 |
| 4 | MXG Vector Signal Generator | Keysight | N5182B | MY57300568 | May 17, 2026 | May 18, 2025 |
| 5 | Frequency Extender | Keysight | N5182BX07 | MY59362506 | May 17, 2026 | May 18, 2025 |
| 6 | Cable | RegalWay | 20210802 015 | RWP50-402-SMSM-1M | N/A | N/A |
| 7 | Cable | RegalWay | 20210802 016 | RWP50-402-SMSM-1M | N/A | N/A |
| 8 | Cable | RegalWay | 20210802 002 | RWP50-402-SMSM-1M | N/A | N/A |
| 9 | Cable | RegalWay | 20210802 005 | RWP50-402-SMSM-1M | N/A | N/A |
| 10 | Measurement Software | BTL | WIFI6E TestSystem | N/A | N/A | N/A |
| 11 | Wifi Router | Tplink | BE9300 | N/A | N/A | N/A |

| Frequency Stability | | | | | | |
|---|---|---|---|---|---|---|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated Date | Calibrated Until |
| 1 | EXA Spectrum Analyzer | Agilent | N9010A | MY50520044 | Dec. 06, 2025 | Dec. 07, 2024 |
| 2 | Isolation attenuator | Z-Link | ASMA-16-18-2W | N/A | N/A | N/A |
| 3 | Cable | RegalWay | 20210802 015 | RWP50-402-SMSM-1M | N/A | N/A |
| 4 | Measurement Software | BTL | WIFI6E TestSystem | N/A | N/A | N/A |
| 5 | Desktop Constant Temperature Chamber | BELL | BTH-50C | 20170306001 | Jan. 10, 2026 | Jan. 11, 2025 |

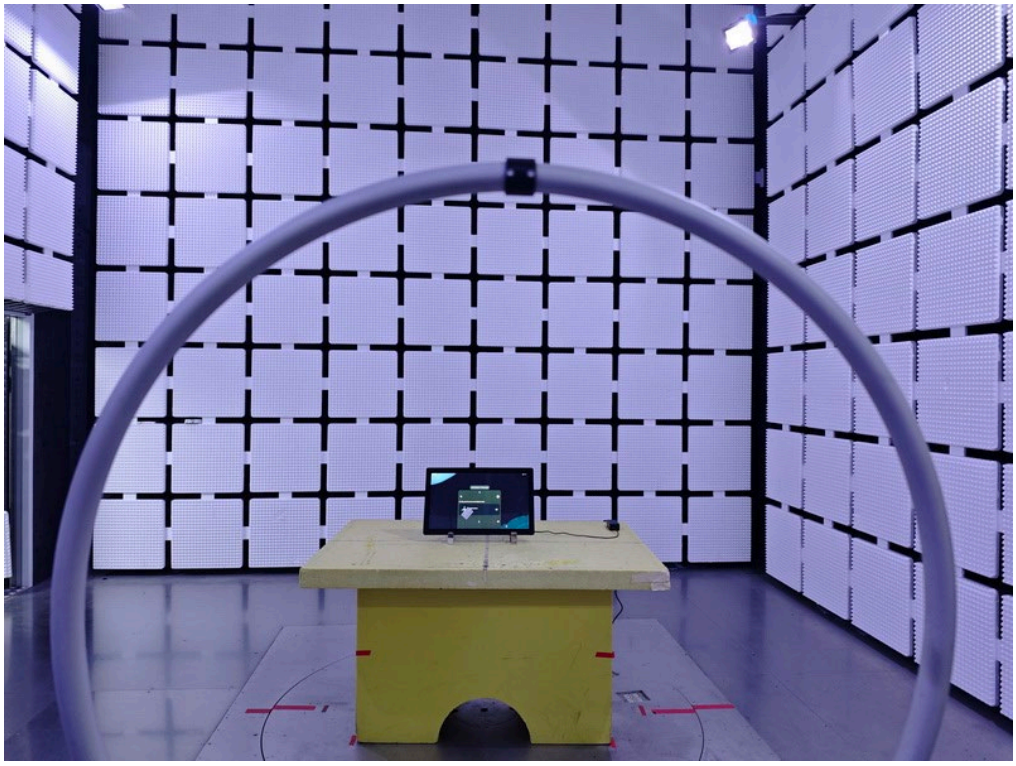
Remark: “N/A” denotes no model name, serial no. or calibration specified.
All calibration period of equipment list is one year.

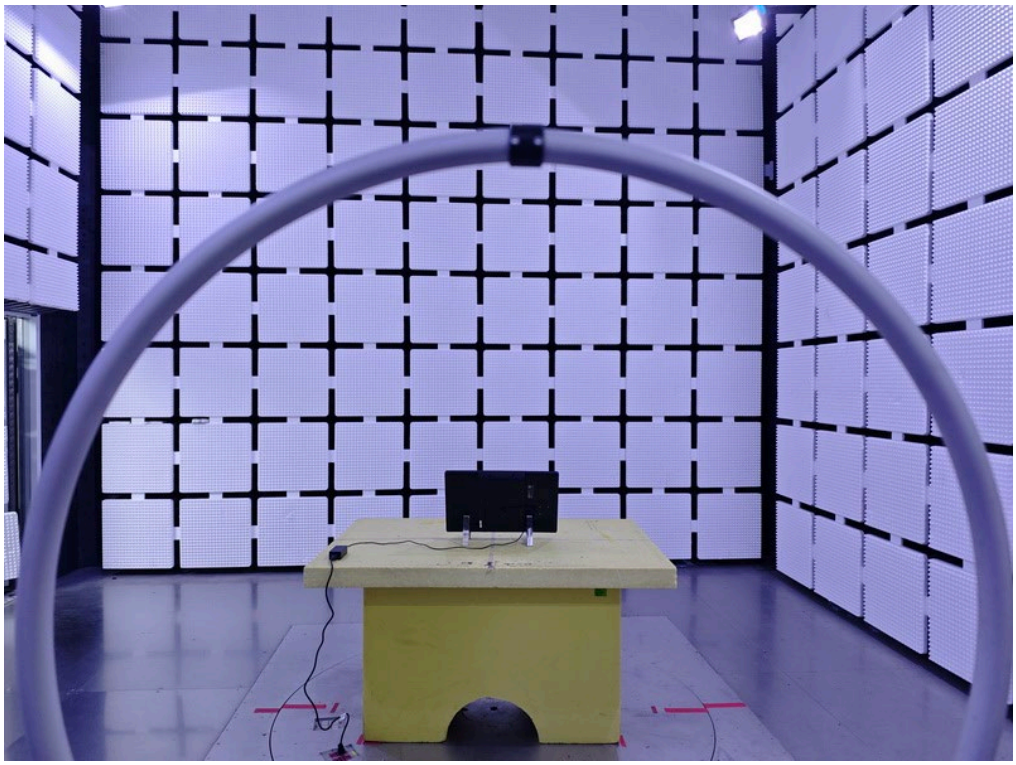
## 13. EUT TEST PHOTOS

**AC Power Line Conducted Emissions Test Photos**

**Radiated Emissions Test Photos**

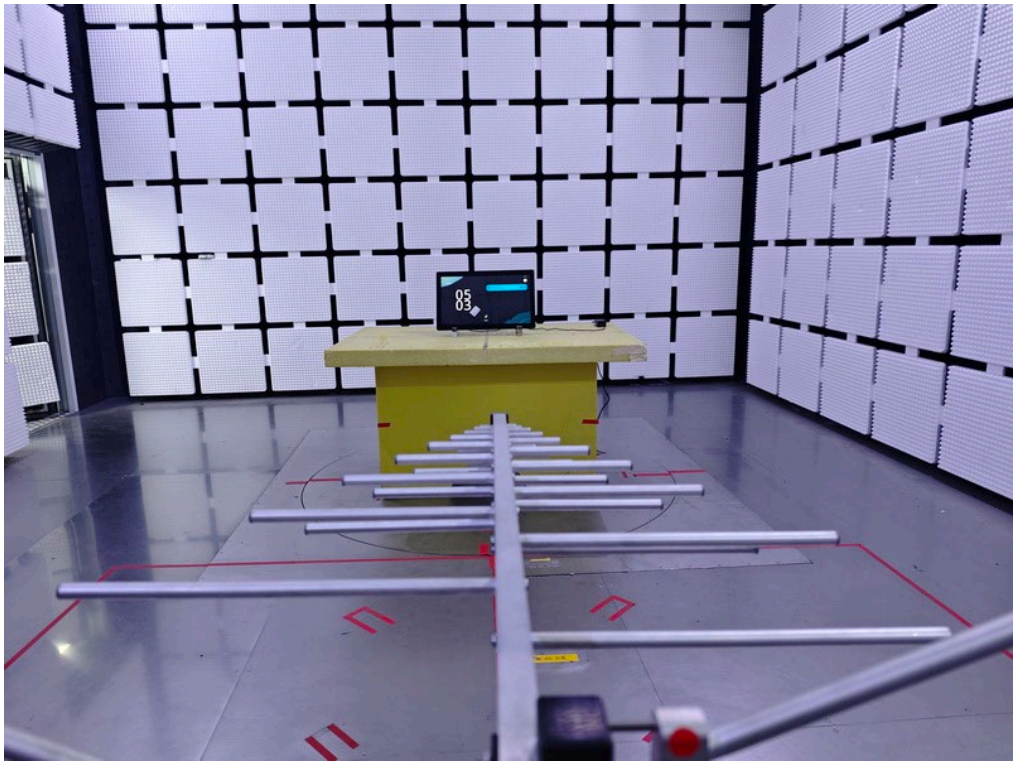
**9 kHz to 30 MHz**

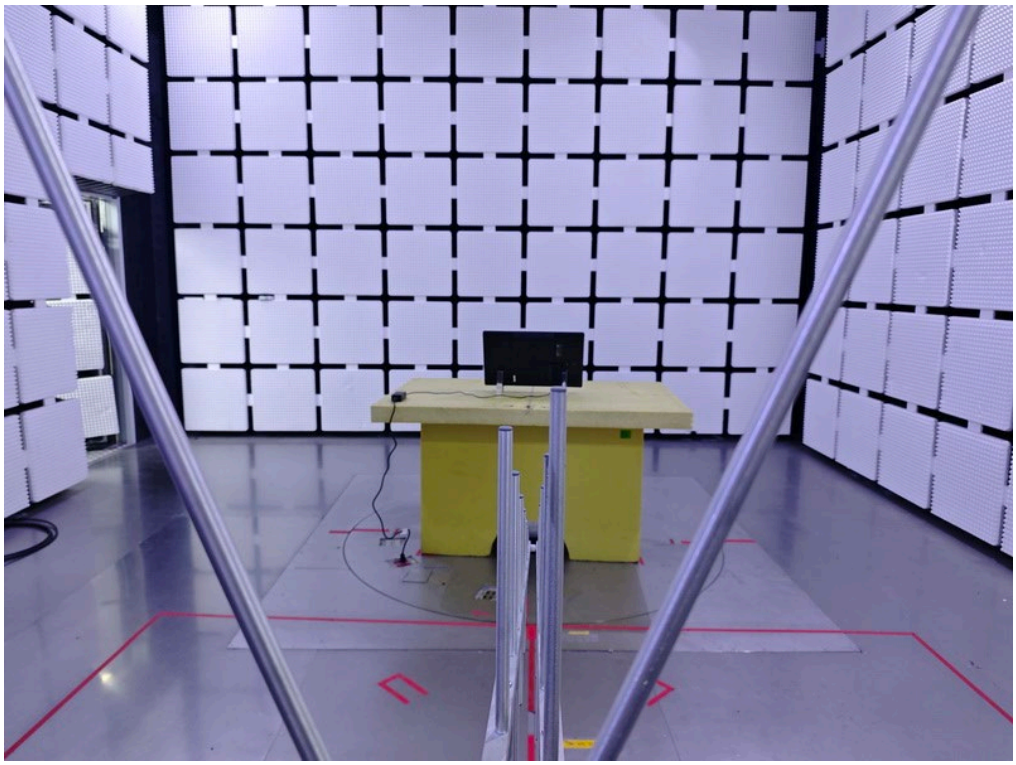




**Radiated Emissions Test Photos**

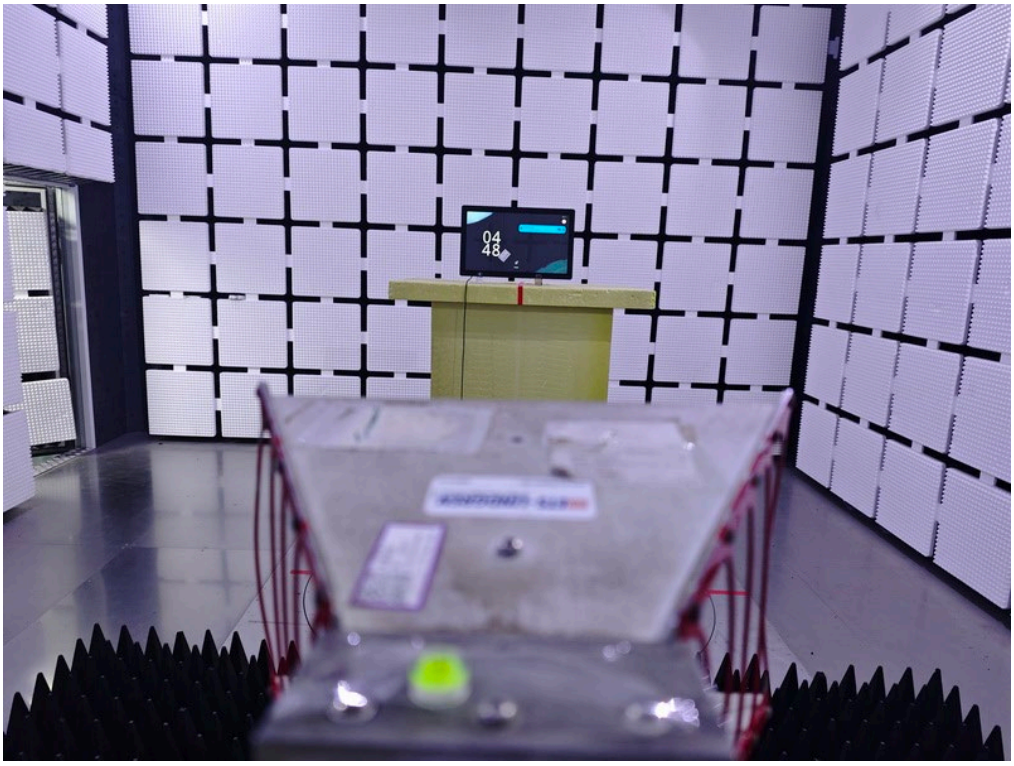
**30 MHz to 1000 MHz**

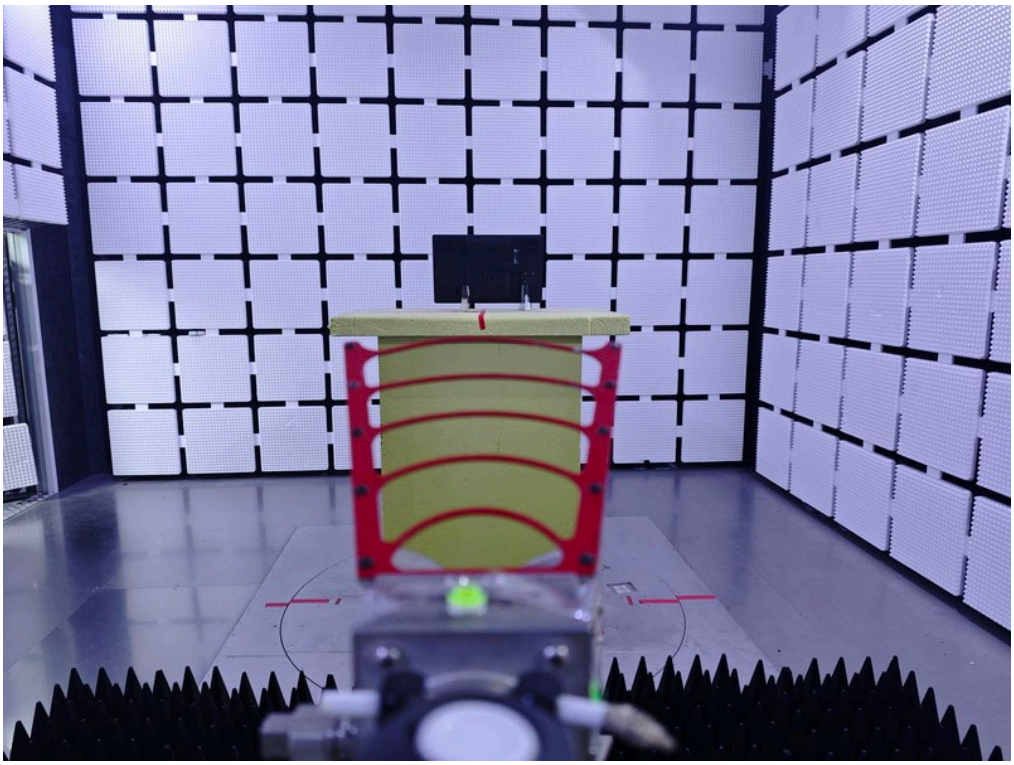




**Radiated Emissions Test Photos**

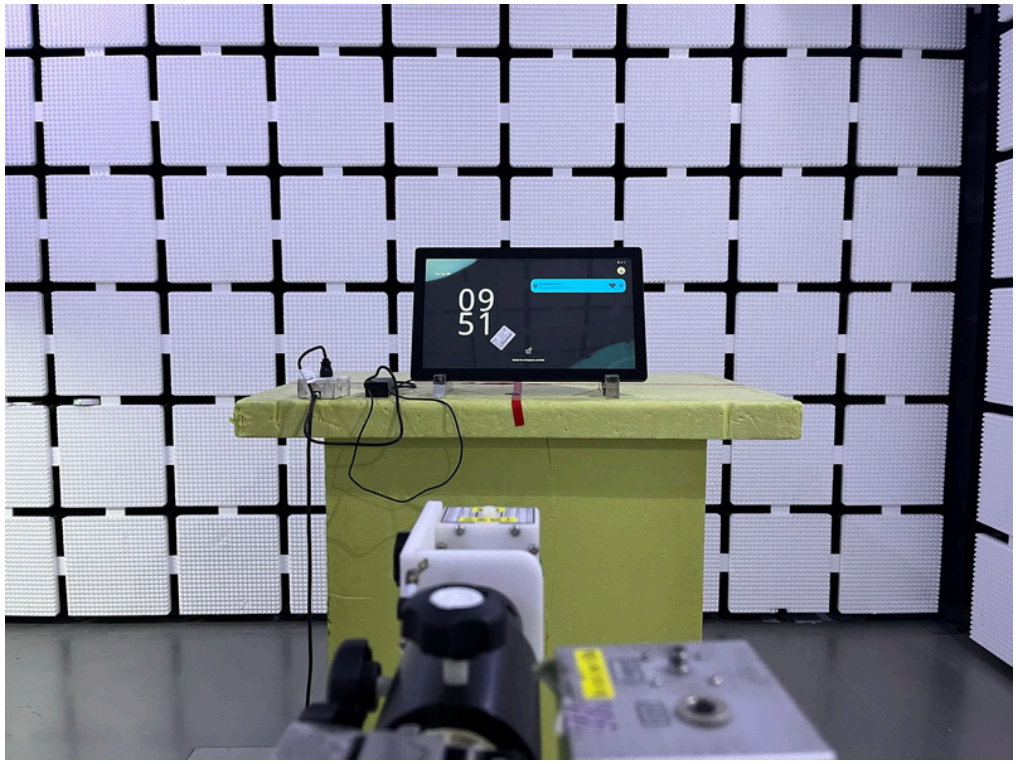
**1 GHz to 18 GHz**

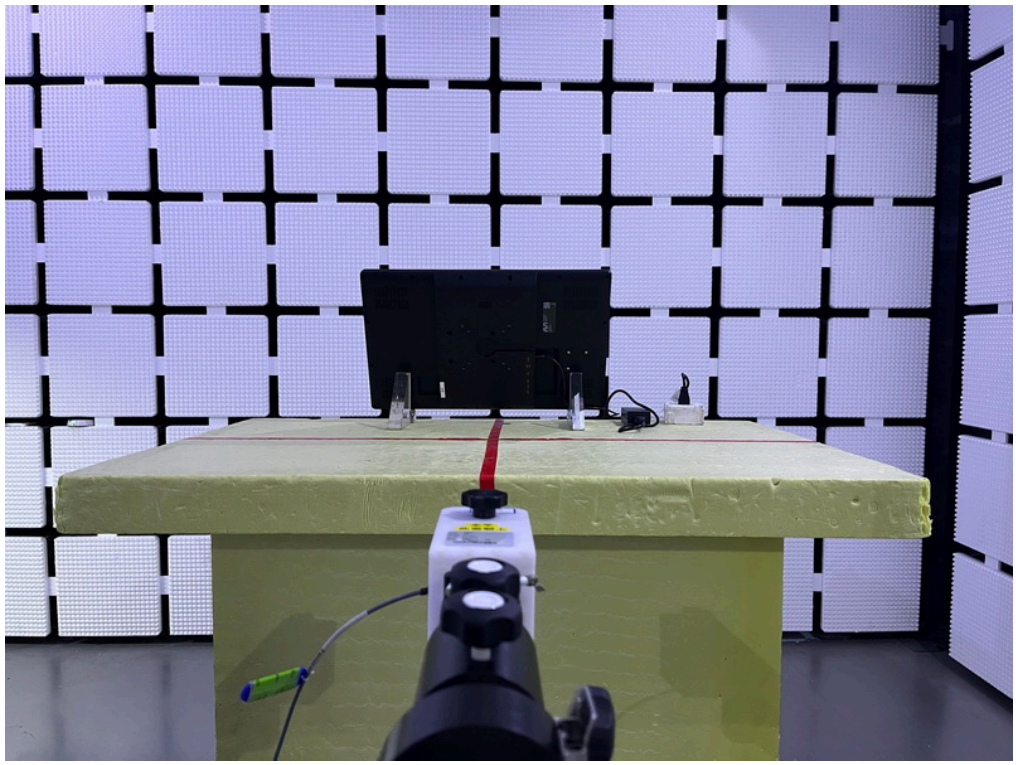




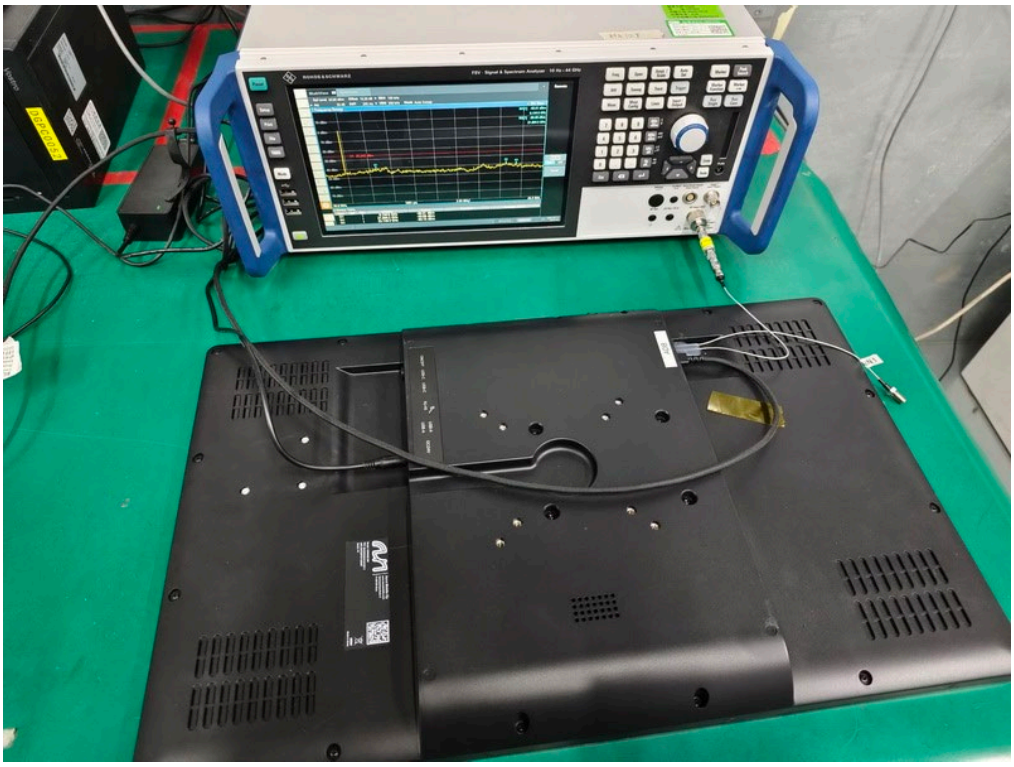
**Radiated Emissions Test Photos**

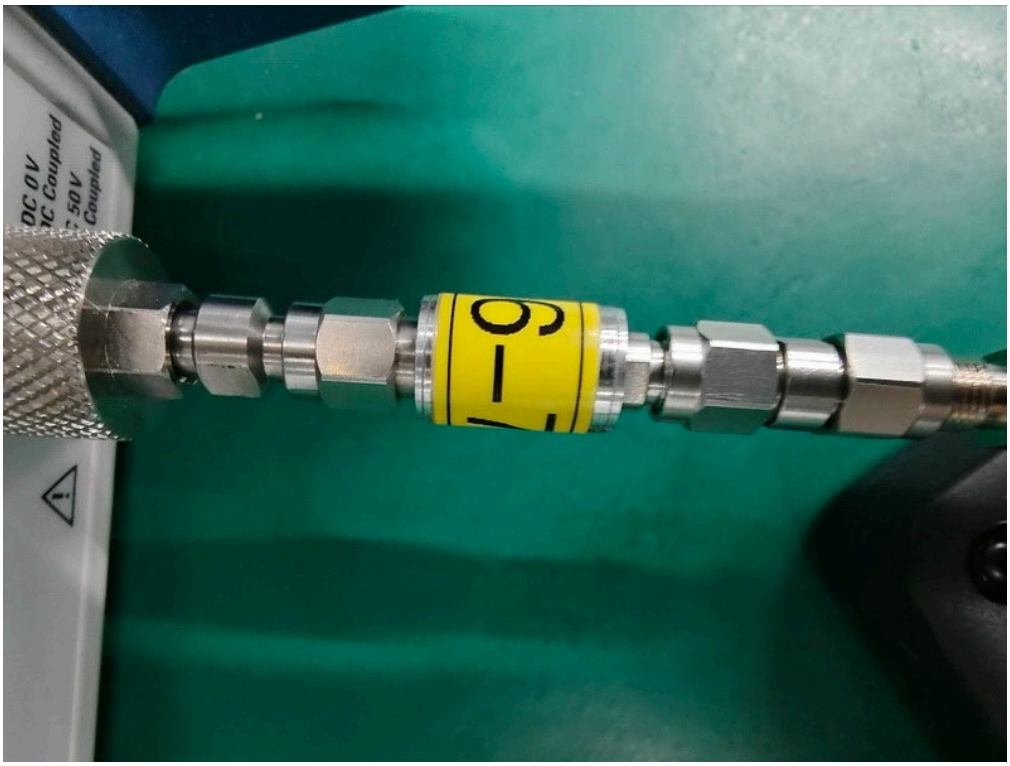
**Above 18 GHz**



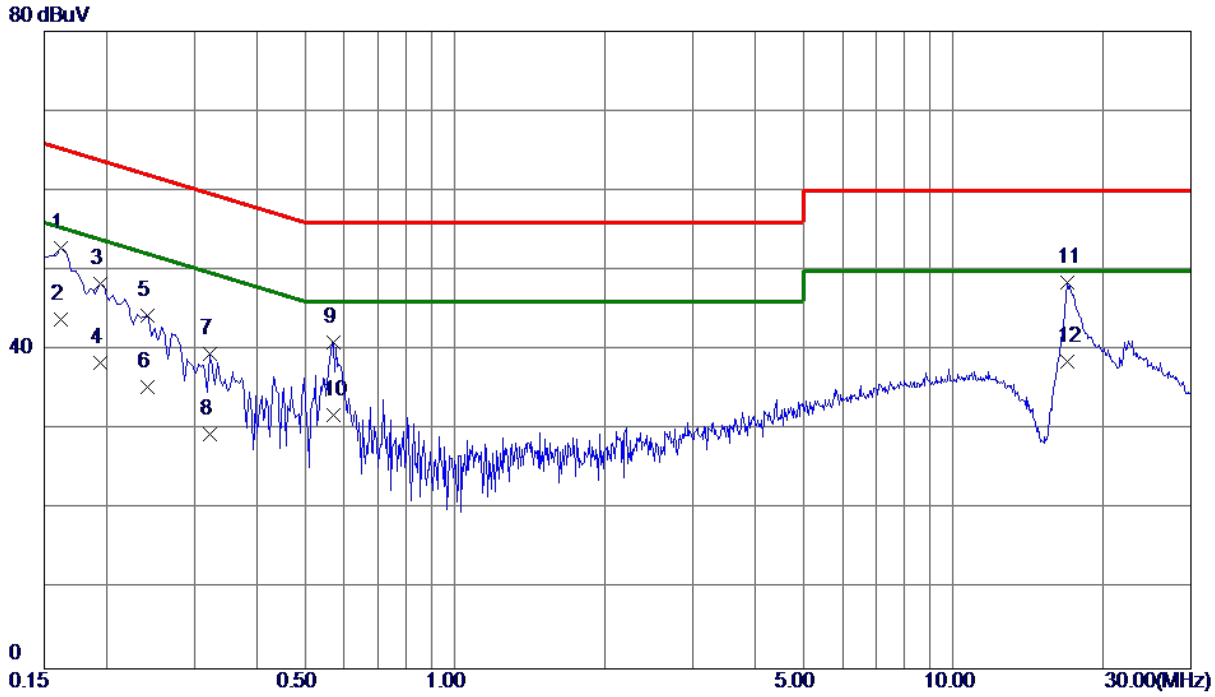
**Conducted Test Photos**





# APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

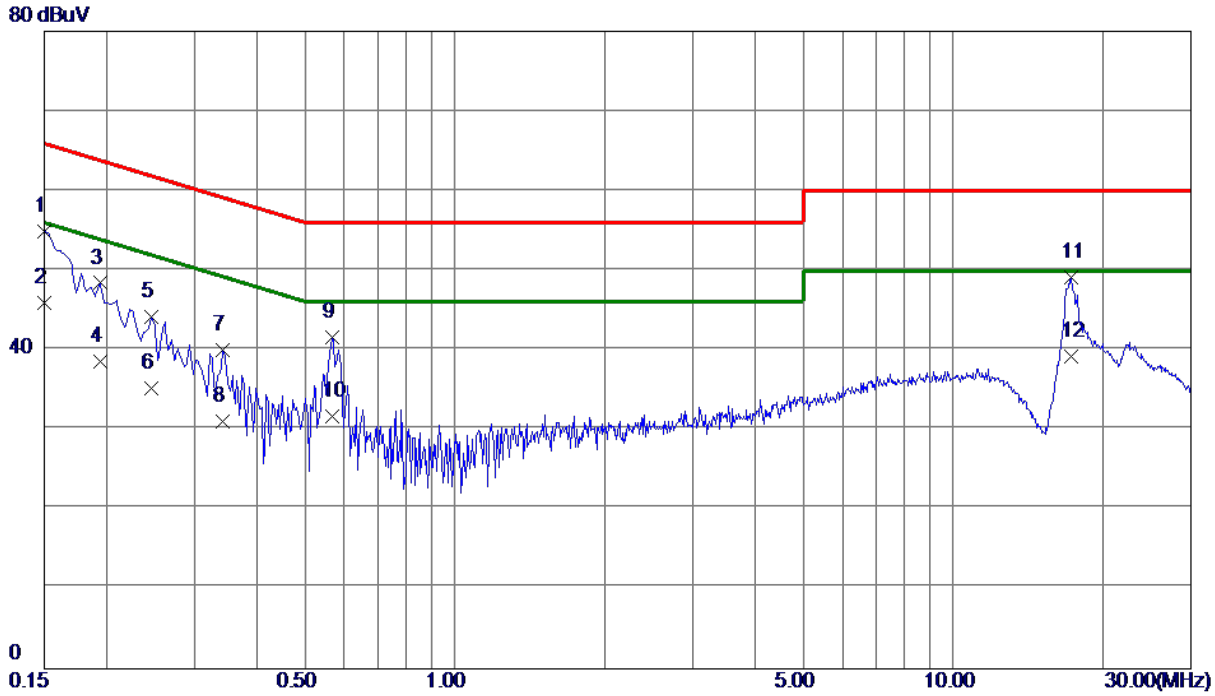
| Test Mode | TX AX(HE160) Mode Channel 207 | Phase | Line |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV | dB | dBuV | dBuV | dB | Detector | Comment |
| 1 | 0.1620 | 42.95 | 9.91 | 52.86 | 65.36 | -12.50 | QP | |
| 2 | 0.1620 | 33.91 | 9.91 | 43.82 | 55.36 | -11.54 | AVG | |
| 3 | 0.1940 | 38.48 | 9.91 | 48.39 | 63.86 | -15.47 | QP | |
| 4 | 0.1940 | 28.50 | 9.91 | 38.41 | 53.86 | -15.45 | AVG | |
| 5 | 0.2420 | 34.49 | 9.90 | 44.39 | 62.03 | -17.64 | QP | |
| 6 | 0.2420 | 25.50 | 9.90 | 35.40 | 52.03 | -16.63 | AVG | |
| 7 | 0.3220 | 29.52 | 9.93 | 39.45 | 59.66 | -20.21 | QP | |
| 8 | 0.3220 | 19.49 | 9.93 | 29.42 | 49.66 | -20.24 | AVG | |
| 9 | 0.5700 | 30.97 | 9.97 | 40.94 | 56.00 | -15.06 | QP | |
| 10 | 0.5700 | 21.91 | 9.97 | 31.88 | 46.00 | -14.12 | AVG | |
| 11 | 16.9700 | 34.23 | 14.27 | 48.50 | 60.00 | -11.50 | QP | |
| 12 * | 16.9700 | 24.30 | 14.27 | 38.57 | 50.00 | -11.43 | AVG | |

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

| Test Mode | TX AX(HE160) Mode Channel 207 | Phase | Neutral |
|---|---|---|---|

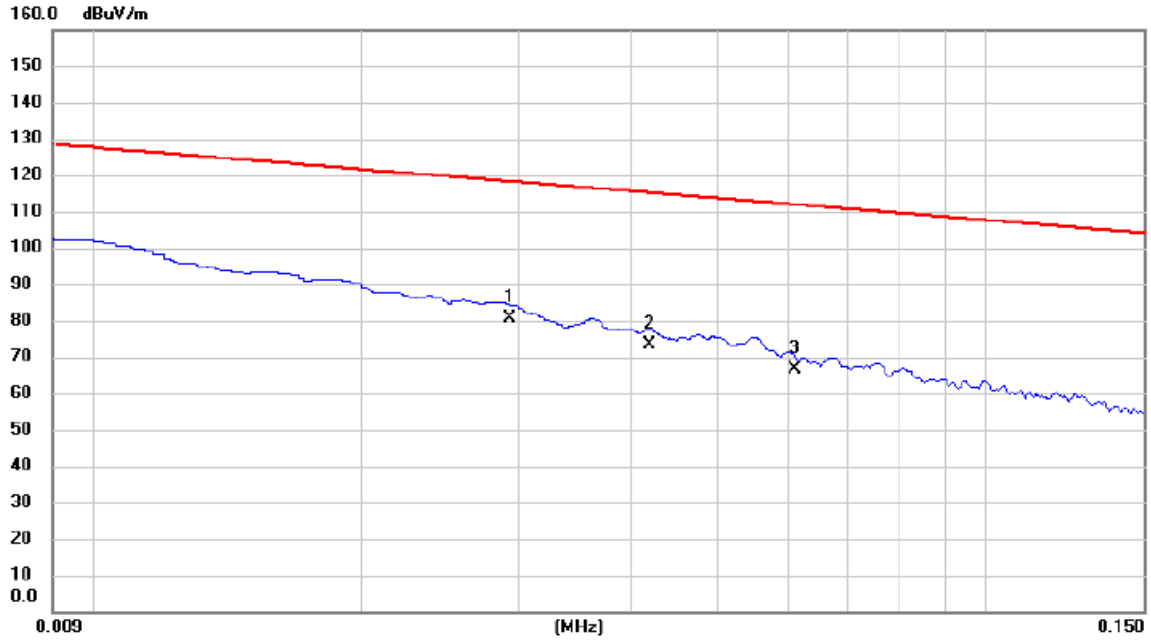



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV | dB | dBuV | dBuV | dB | Detector | Comment |
| 1 | 0.1500 | 44.92 | 9.97 | 54.89 | 66.00 | -11.11 | QP | |
| 2 * | 0.1500 | 35.90 | 9.97 | 45.87 | 56.00 | -10.13 | AVG | |
| 3 | 0.1940 | 38.43 | 9.97 | 48.40 | 63.86 | -15.46 | QP | |
| 4 | 0.1940 | 28.60 | 9.97 | 38.57 | 53.86 | -15.29 | AVG | |
| 5 | 0.2460 | 34.18 | 9.98 | 44.16 | 61.89 | -17.73 | QP | |
| 6 | 0.2460 | 25.20 | 9.98 | 35.18 | 51.89 | -16.71 | AVG | |
| 7 | 0.3420 | 30.00 | 9.98 | 39.98 | 59.15 | -19.17 | QP | |
| 8 | 0.3420 | 21.10 | 9.98 | 31.08 | 49.15 | -18.07 | AVG | |
| 9 | 0.5660 | 31.54 | 10.03 | 41.57 | 56.00 | -14.43 | QP | |
| 10 | 0.5660 | 21.61 | 10.03 | 31.64 | 46.00 | -14.36 | AVG | |
| 11 | 17.2060 | 34.92 | 14.25 | 49.17 | 60.00 | -10.83 | QP | |
| 12 | 17.2060 | 24.90 | 14.25 | 39.15 | 50.00 | -10.85 | AVG | |

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

# APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

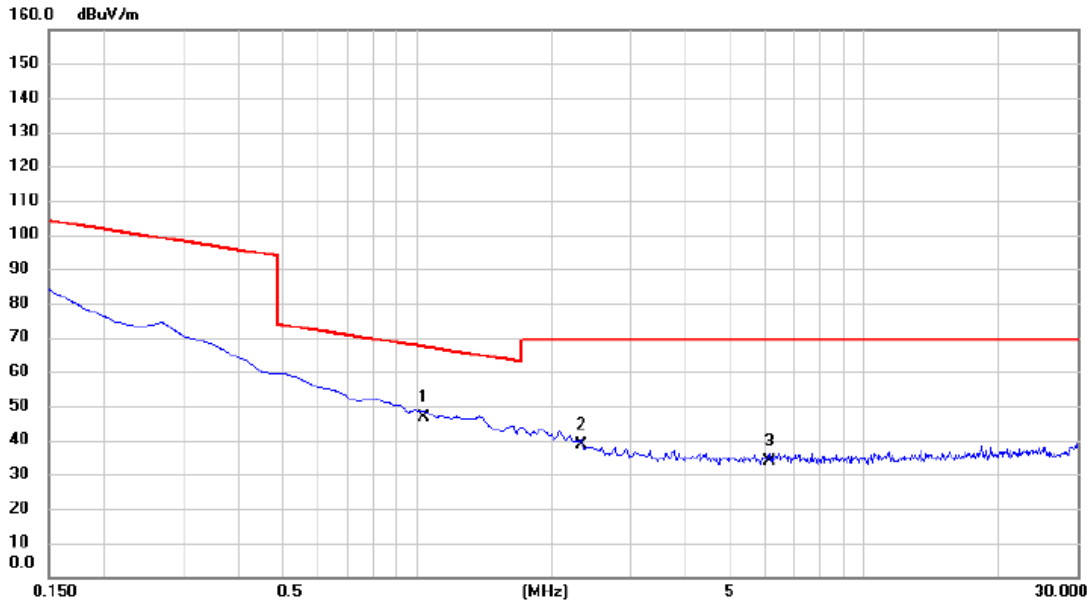
| Test Mode | TX AX(HE160) Mode Channel 207 | Polarization | Ant 0° |
|---|---|---|---|




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | * | 0.029 | 59.32 | 21.23 | 80.55 | 118.27 | -37.72 | AVG | |
| 2 | | 0.042 | 52.11 | 21.30 | 73.41 | 115.14 | -41.73 | AVG | |
| 3 | | 0.061 | 45.23 | 21.34 | 66.57 | 111.90 | -45.33 | AVG | |

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

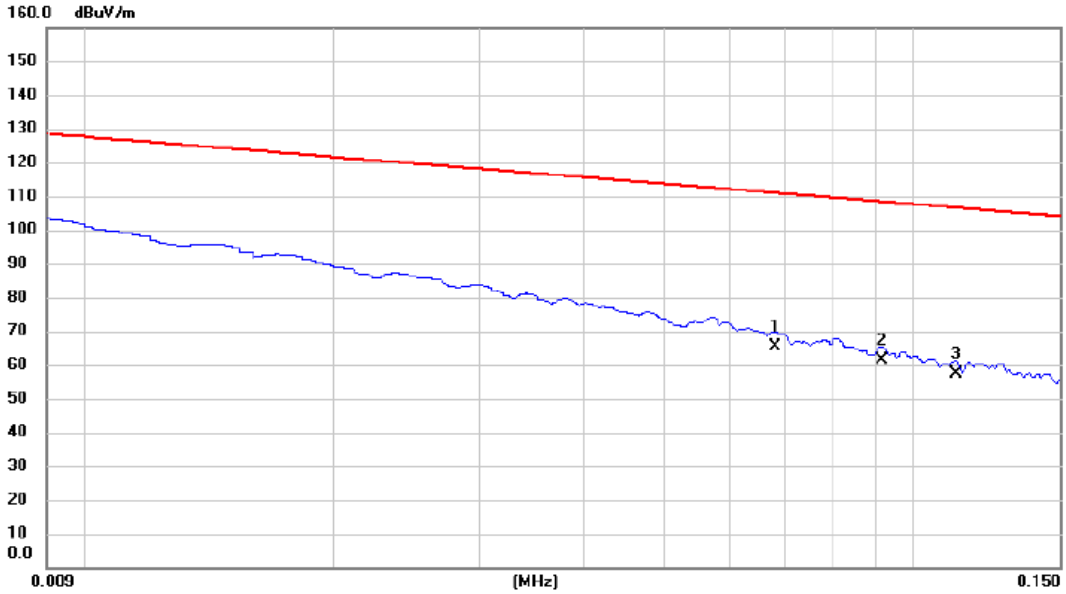
| Test Mode | TX AX(HE160) Mode Channel 207 | Polarization | Ant 0° |
|---|---|---|---|




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | * | 1.037 | 25.32 | 21.20 | 46.52 | 67.29 | -20.77 | QP | |
| 2 | | 2.329 | 17.55 | 21.23 | 38.78 | 69.54 | -30.76 | QP | |
| 3 | | 6.150 | 12.35 | 21.47 | 33.82 | 69.54 | -35.72 | QP | |

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

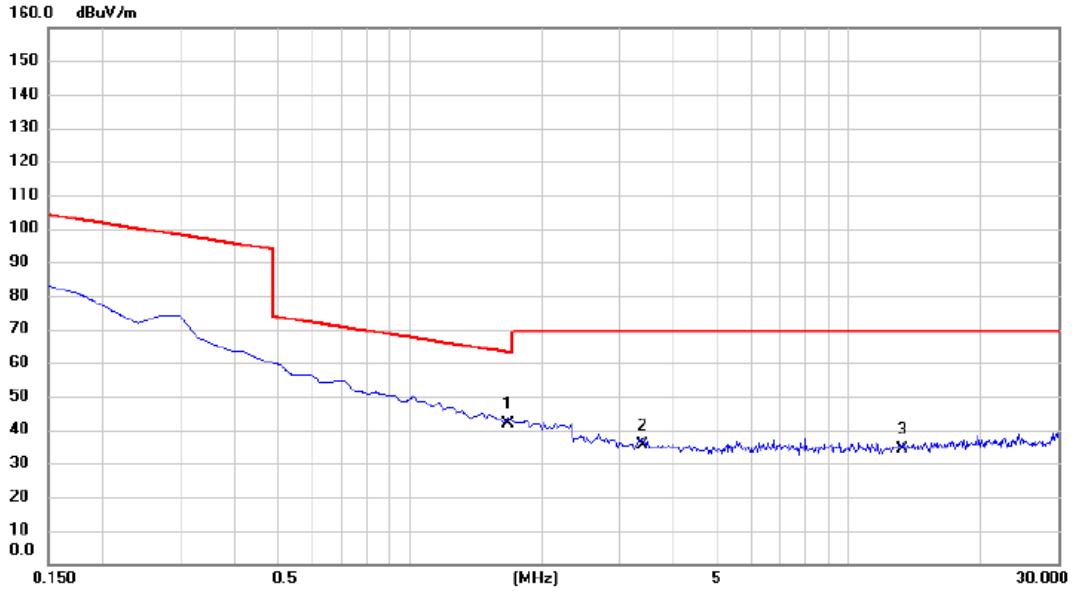
| Test Mode | TX AX(HE160) Mode Channel 207 | Polarization | Ant 90° |
|---|---|---|---|




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | * | 0.068 | 44.25 | 21.34 | 65.59 | 110.95 | -45.36 | AVG | |
| 2 | | 0.091 | 40.12 | 21.34 | 61.46 | 108.38 | -46.92 | QP | |
| 3 | | 0.112 | 36.23 | 21.32 | 57.55 | 106.59 | -49.04 | AVG | |

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

| Test Mode | TX AX(HE160) Mode Channel 207 | Polarization | Ant 90° |
|---|---|---|---|

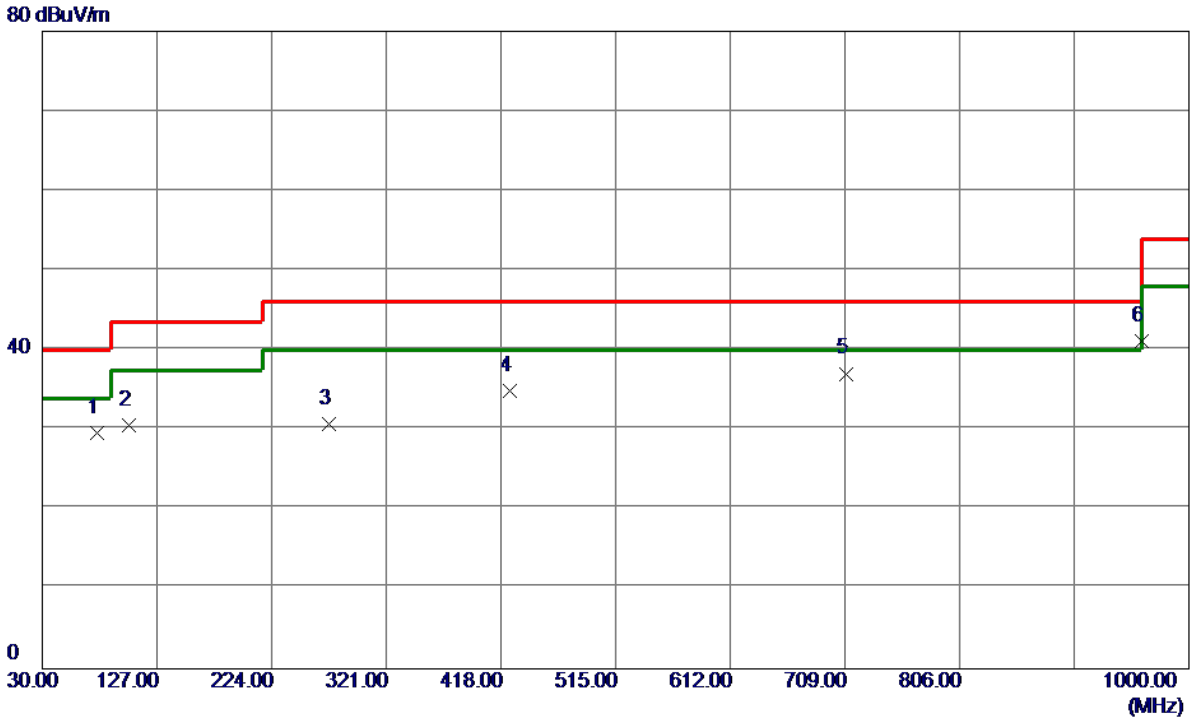



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | * | 1.672 | 20.50 | 21.21 | 41.71 | 63.14 | -21.43 | QP | |
| 2 | | 3.404 | 14.22 | 21.29 | 35.51 | 69.54 | -34.03 | QP | |
| 3 | | 13.224 | 12.54 | 21.62 | 34.16 | 69.54 | -35.38 | QP | |

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

# APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

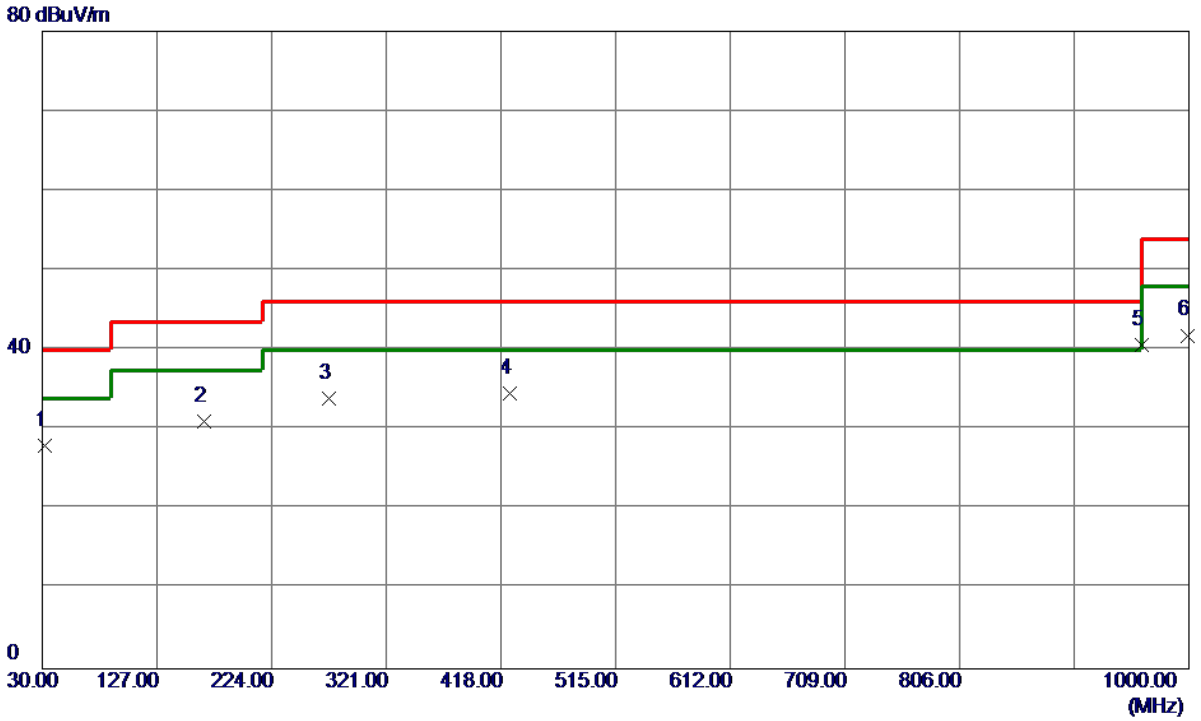
| Test Mode | TX AX(HE160) Mode Channel 207 | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 76.5600 | 44.23 | -14.63 | 29.60 | 40.00 | -10.40 | Peak | |
| 2 | 103.7200 | 45.79 | -15.26 | 30.53 | 43.52 | -12.99 | Peak | |
| 3 | 272.5000 | 42.01 | -11.32 | 30.69 | 46.02 | -15.33 | Peak | |
| 4 | 425.7600 | 42.14 | -7.30 | 34.84 | 46.02 | -11.18 | Peak | |
| 5 * | 709.9699 | 39.25 | -2.21 | 37.04 | 46.02 | -8.98 | Peak | |
| 6 | 960.2300 | 40.21 | 0.85 | 41.06 | 53.97 | -12.91 | Peak | |

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

| Test Mode | TX AX(HE160) Mode Channel 207 | Polarization | Horizontal |
|---|---|---|---|

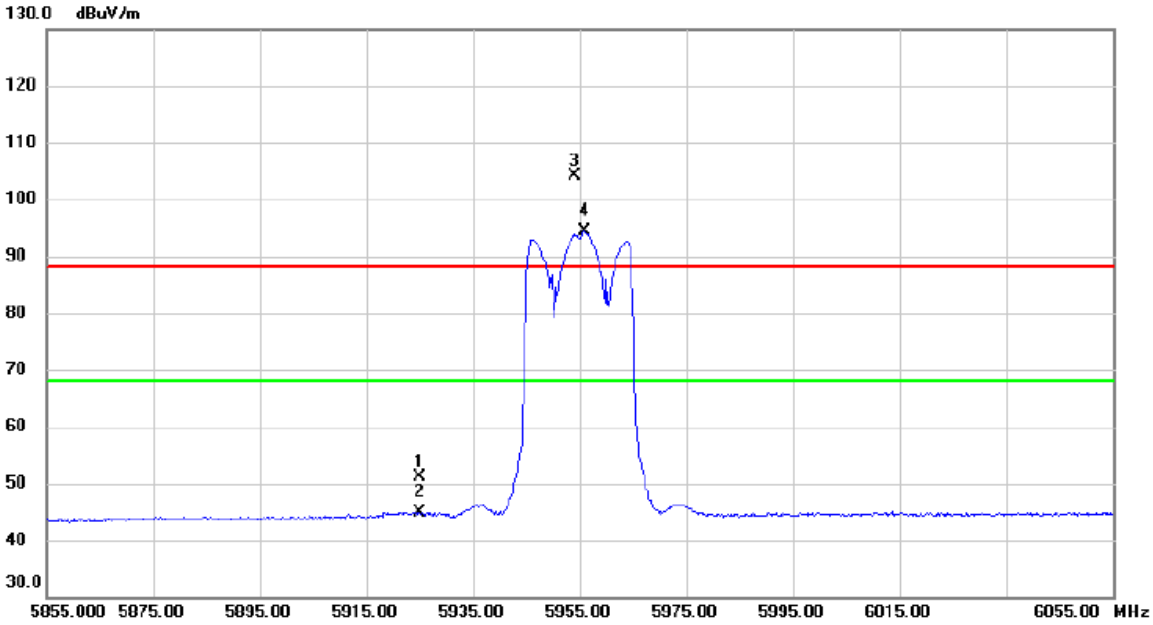



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 31.9400 | 40.87 | -12.87 | 28.00 | 40.00 | -12.00 | Peak | |
| 2 | 166.7700 | 42.40 | -11.32 | 31.08 | 43.52 | -12.44 | Peak | |
| 3 | 272.5000 | 45.25 | -11.32 | 33.93 | 46.02 | -12.09 | Peak | |
| 4 * | 425.7600 | 41.79 | -7.30 | 34.49 | 46.02 | -11.53 | Peak | |
| 5 | 960.2300 | 39.79 | 0.85 | 40.64 | 53.97 | -13.33 | Peak | |
| 6 | 999.0300 | 40.81 | 1.03 | 41.84 | 53.97 | -12.13 | Peak | |

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

# APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ

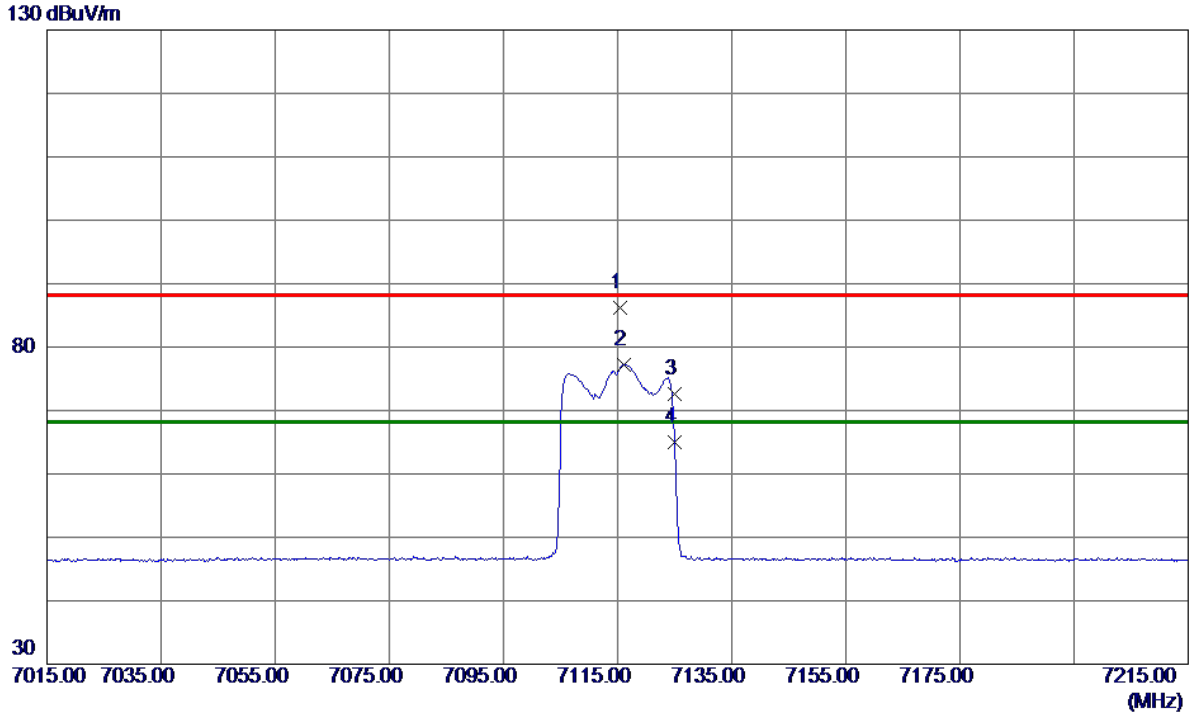
| Test Mode | UNII-5_TX AX20 Mode 5955 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | 5925.000 | 35.06 | 15.95 | 51.01 | 88.20 | -37.19 | peak | |
| 2 | | 5925.000 | 28.92 | 15.95 | 44.87 | 68.20 | -23.33 | AVG | |
| 3 | X | 5954.100 | 88.12 | 16.07 | 104.19 | 88.20 | 15.99 | peak | No Limit |
| 4 | * | 5955.800 | 78.36 | 16.08 | 94.44 | 68.20 | 26.24 | AVG | No Limit |

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

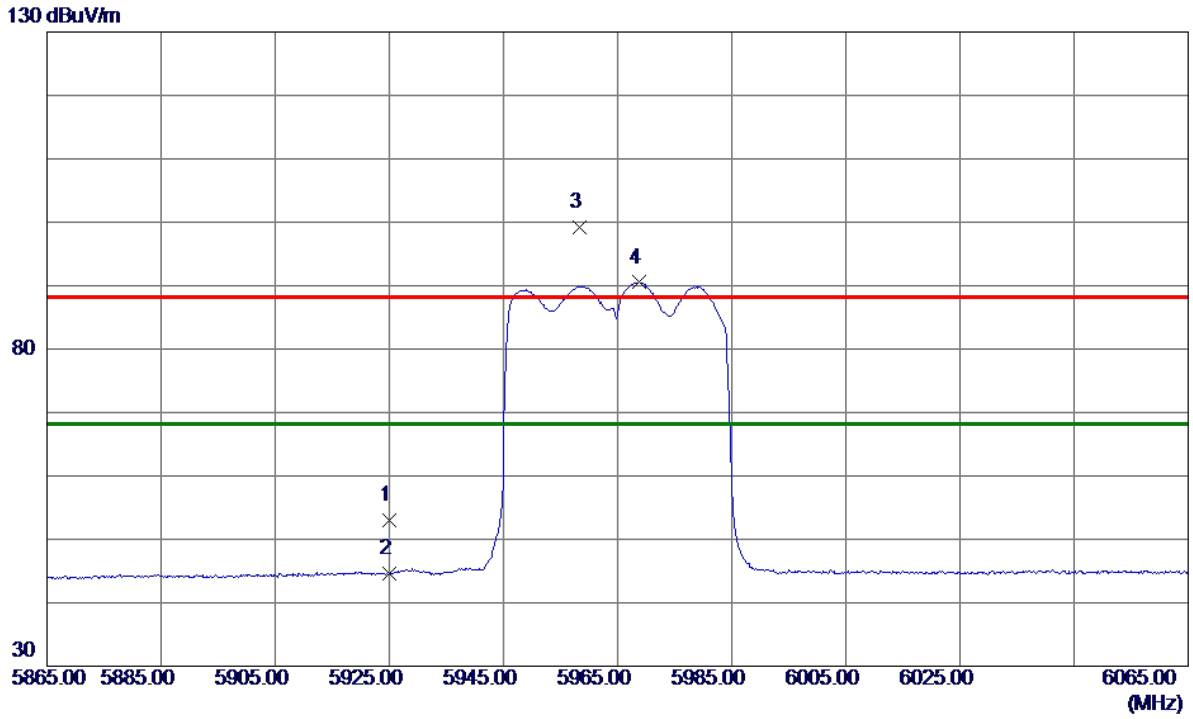
| Test Mode | UNII-8_TX AX20 Mode 7115 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 7115.5000 | 67.64 | 18.51 | 86.15 | 88.20 | -2.05 | Peak | No Limit |
| 2 * | 7116.2000 | 58.72 | 18.51 | 77.23 | 68.20 | 9.03 | AVG | No Limit |
| 3 | 7125.0000 | 54.06 | 18.51 | 72.57 | 88.20 | -15.63 | Peak | |
| 4 | 7125.0000 | 46.51 | 18.51 | 65.02 | 68.20 | -3.18 | AVG | |

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

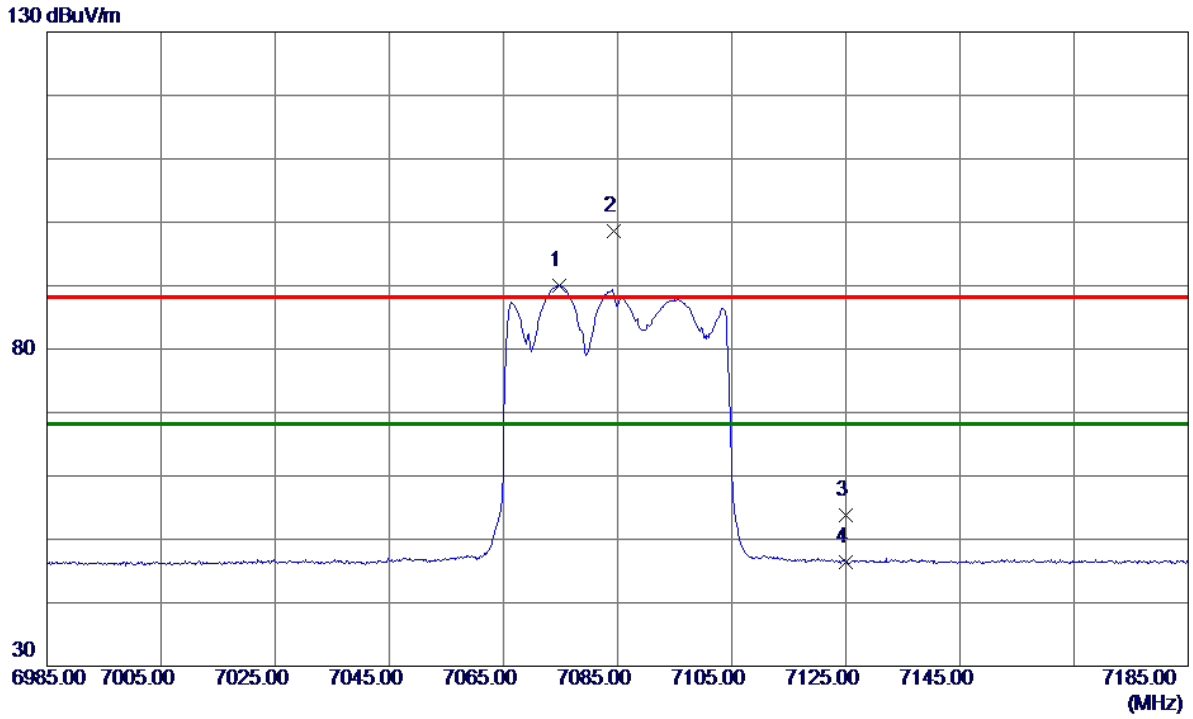
| Test Mode | UNII-5_TX AX40 Mode 5965 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5925.0000 | 37.06 | 15.96 | 53.02 | 88.20 | -35.18 | Peak | |
| 2 | 5925.0000 | 28.56 | 15.96 | 44.52 | 68.20 | -23.68 | AVG | |
| 3 | 5958.4000 | 83.04 | 16.09 | 99.13 | 88.20 | 10.93 | Peak | No Limit |
| 4 * | 5968.7000 | 74.37 | 16.13 | 90.50 | 68.20 | 22.30 | AVG | No Limit |

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

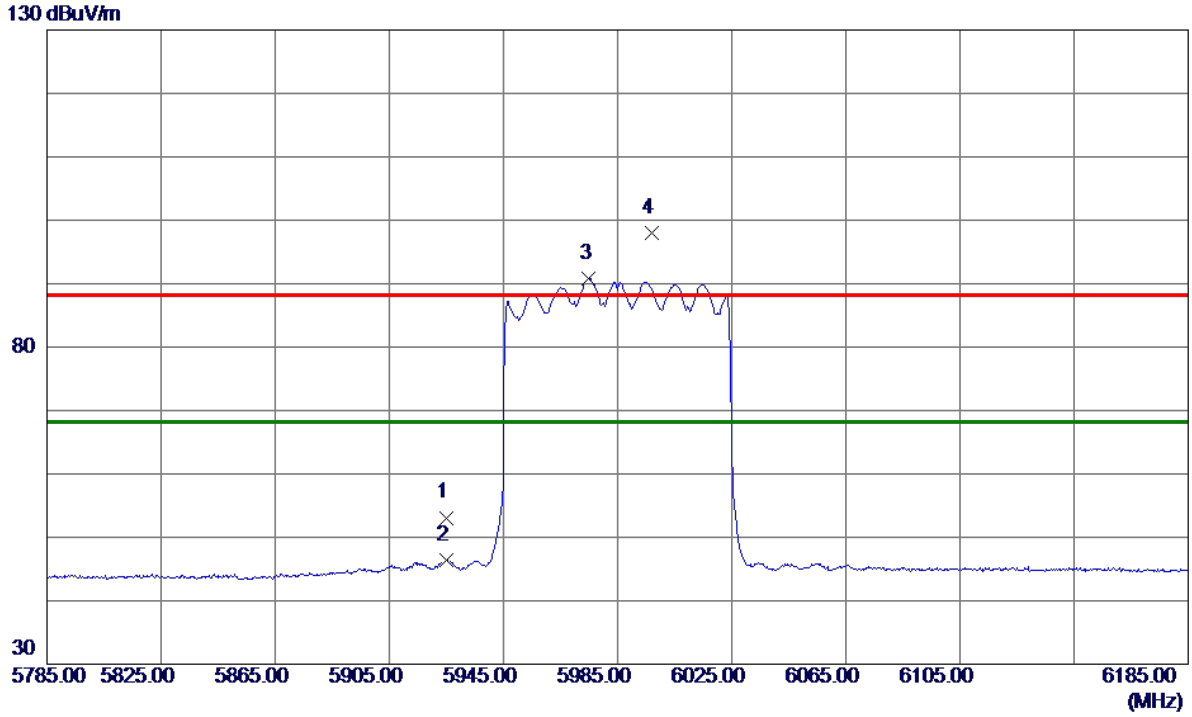
| Test Mode | UNII-8_TX AX40 Mode 7085 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 7074.7000 | 71.52 | 18.51 | 90.03 | 68.20 | 21.83 | AVG | No Limit |
| 2 | 7084.3000 | 80.02 | 18.51 | 98.53 | 88.20 | 10.33 | Peak | No Limit |
| 3 | 7125.0000 | 35.32 | 18.51 | 53.83 | 88.20 | -34.37 | Peak | |
| 4 | 7125.0000 | 27.95 | 18.51 | 46.46 | 68.20 | -21.74 | AVG | |

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

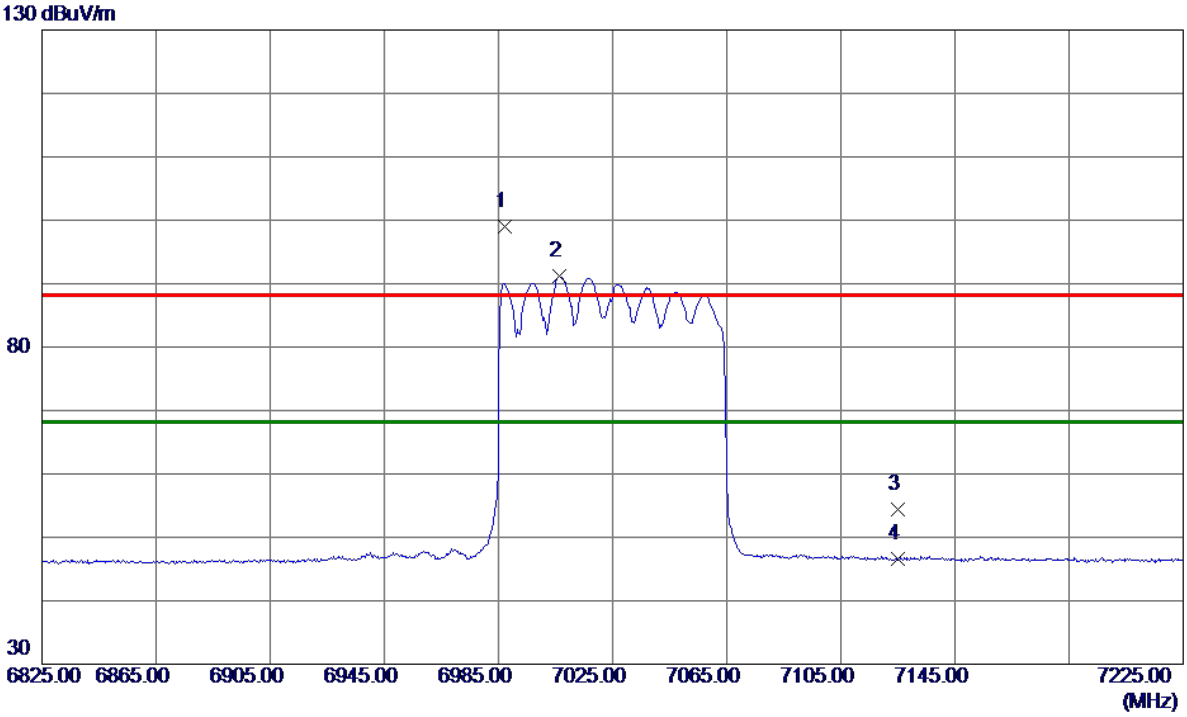
| Test Mode | UNII-5_TX AX80 Mode 5985 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5925.0000 | 37.14 | 15.96 | 53.10 | 88.20 | -35.10 | Peak | |
| 2 | 5925.0000 | 30.43 | 15.96 | 46.39 | 68.20 | -21.81 | AVG | |
| 3 * | 5975.0000 | 74.61 | 16.16 | 90.77 | 68.20 | 22.57 | AVG | No Limit |
| 4 | 5997.0000 | 81.67 | 16.25 | 97.92 | 88.20 | 9.72 | Peak | No Limit |

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

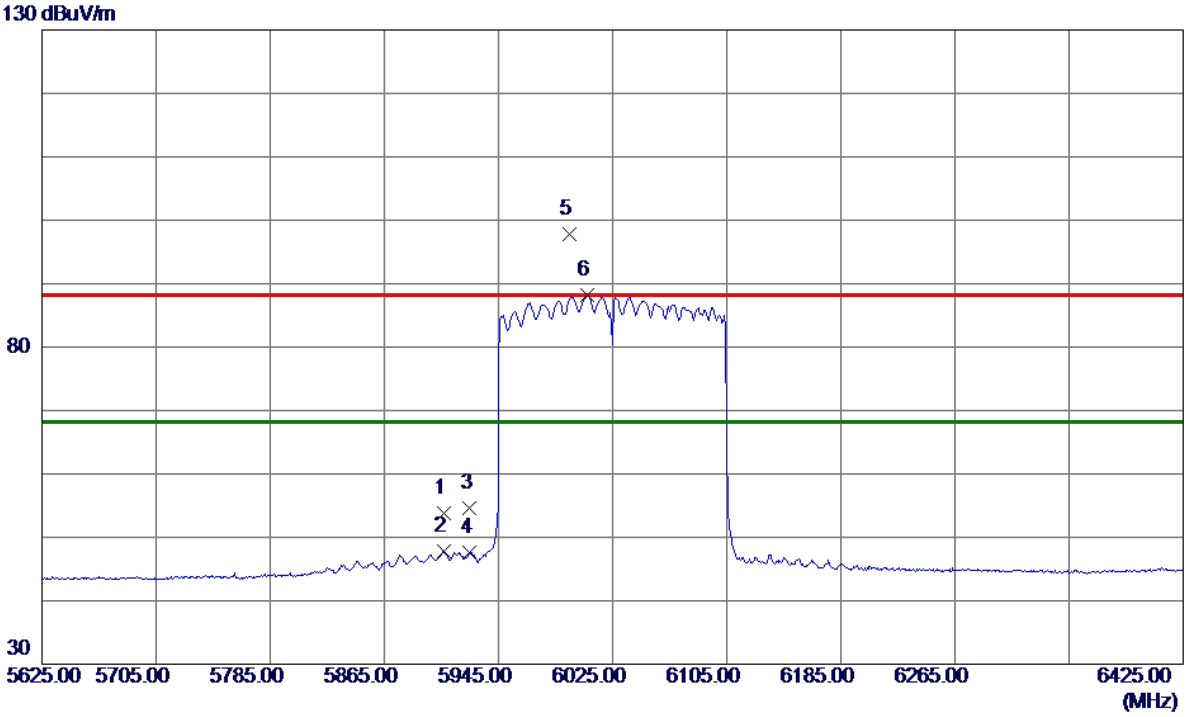
| Test Mode | UNII-8_TX AX80 Mode 7025 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 6987.4000 | 80.61 | 18.48 | 99.09 | 88.20 | 10.89 | Peak | No Limit |
| 2 * | 7006.4000 | 72.61 | 18.52 | 91.13 | 68.20 | 22.93 | AVG | No Limit |
| 3 | 7125.0000 | 35.83 | 18.51 | 54.34 | 88.20 | -33.86 | Peak | |
| 4 | 7125.0000 | 28.08 | 18.51 | 46.59 | 68.20 | -21.61 | AVG | |

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

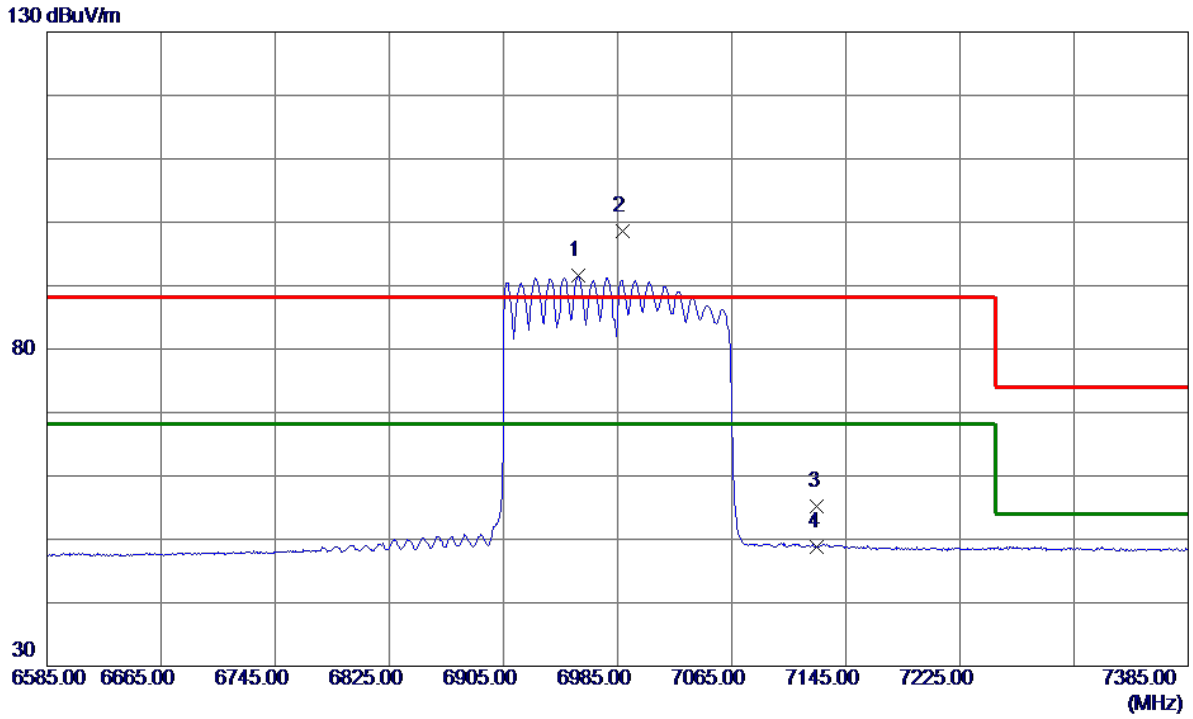
| Test Mode | UNII-5_TX AX160 Mode 6025 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5906.6000 | 37.84 | 15.88 | 53.72 | 88.20 | -34.48 | Peak | |
| 2 | 5906.6000 | 31.87 | 15.88 | 47.75 | 68.20 | -20.45 | AVG | |
| 3 | 5925.0000 | 38.63 | 15.96 | 54.59 | 88.20 | -33.61 | Peak | |
| 4 | 5925.0000 | 31.66 | 15.96 | 47.62 | 68.20 | -20.58 | AVG | |
| 5 | 5995.0000 | 81.52 | 16.24 | 97.76 | 88.20 | 9.56 | Peak | No Limit |
| 6 * | 6007.4000 | 71.86 | 16.27 | 88.13 | 68.20 | 19.93 | AVG | No Limit |

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

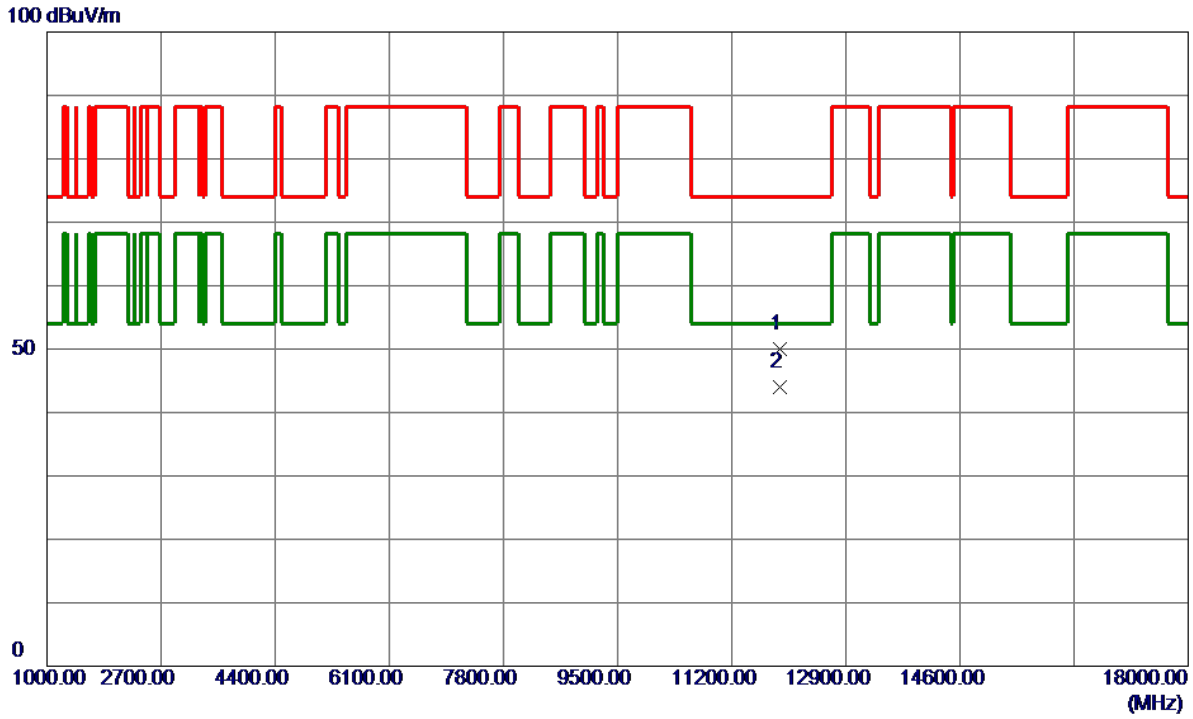
| Test Mode | UNII-8_TX AX160 Mode 6985 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 6957.4000 | 73.16 | 18.38 | 91.54 | 68.20 | 23.34 | AVG | No Limit |
| 2 | 6988.6000 | 80.13 | 18.48 | 98.61 | 88.20 | 10.41 | Peak | No Limit |
| 3 | 7125.0000 | 36.65 | 18.51 | 55.16 | 88.20 | -33.04 | Peak | |
| 4 | 7125.0000 | 30.29 | 18.51 | 48.80 | 68.20 | -19.40 | AVG | |

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

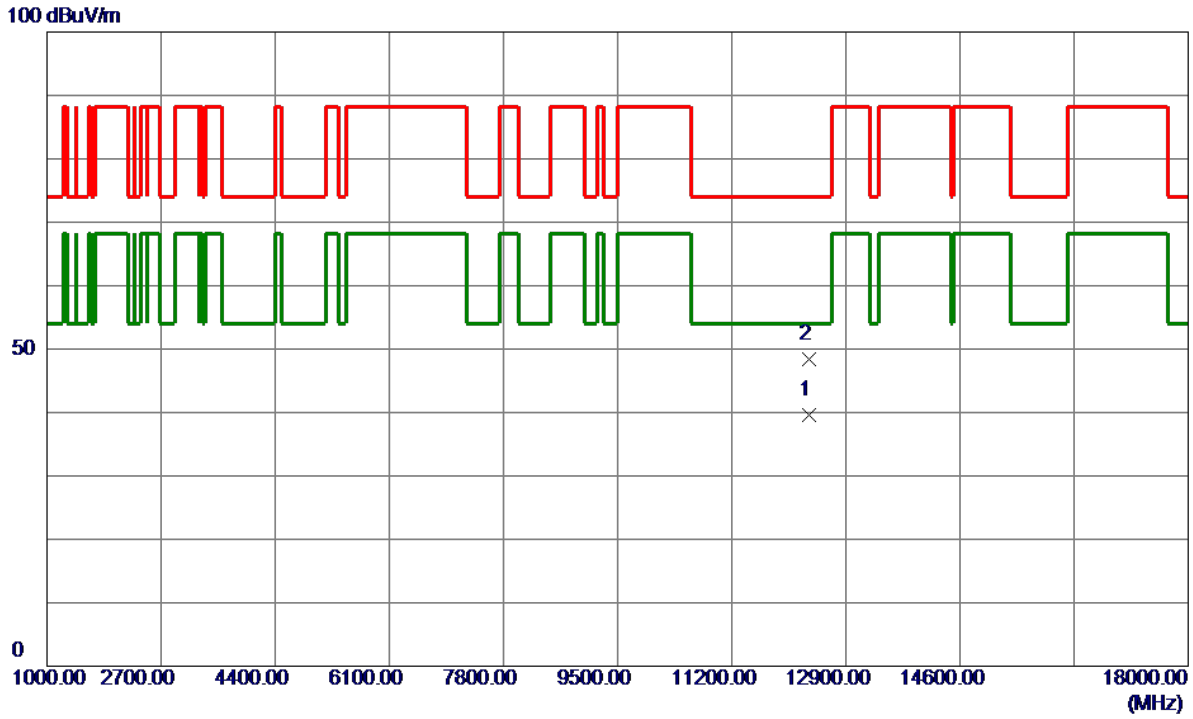
| Test Mode | UNII-5_TX AX20 Mode 5955 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 11909.8700 | 40.15 | 9.83 | 49.98 | 74.00 | -24.02 | Peak | |
| 2 * | 11909.8700 | 34.23 | 9.83 | 44.06 | 54.00 | -9.94 | AVG | |

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

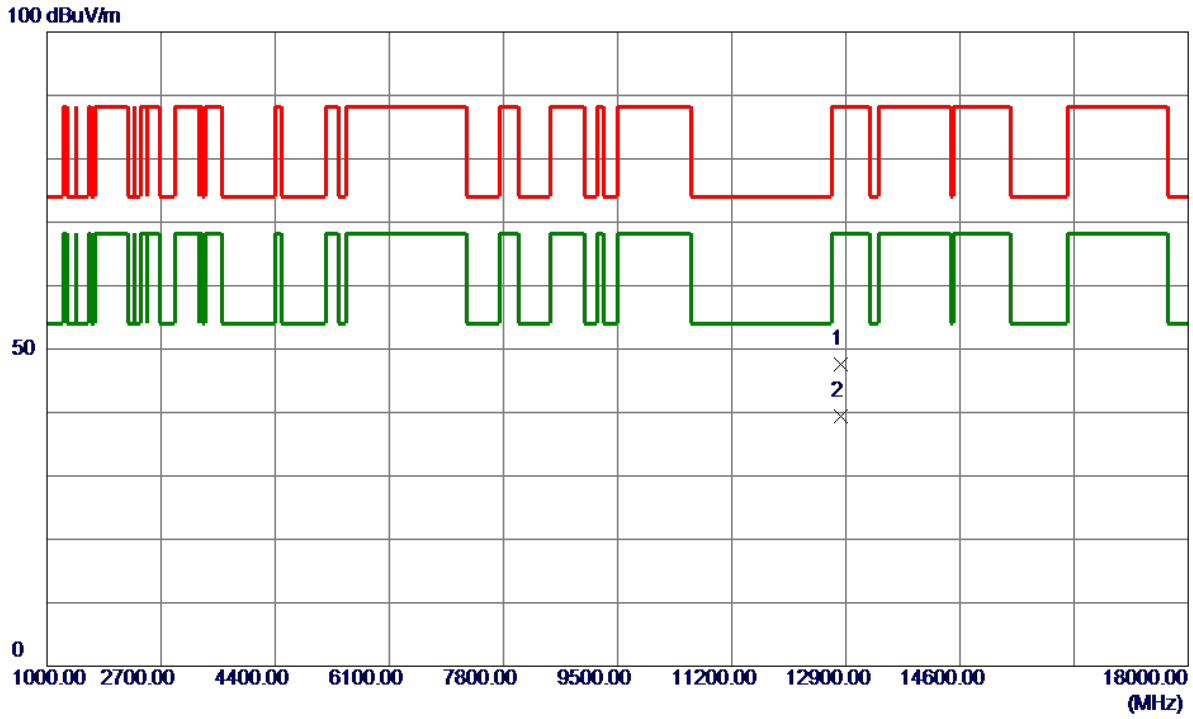
| Test Mode | UNII-5_TX AX20 Mode 6175 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 12349.8900 | 29.66 | 9.97 | 39.63 | 54.00 | -14.37 | AVG | |
| 2 | 12350.4600 | 38.34 | 9.97 | 48.31 | 74.00 | -25.69 | Peak | |

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

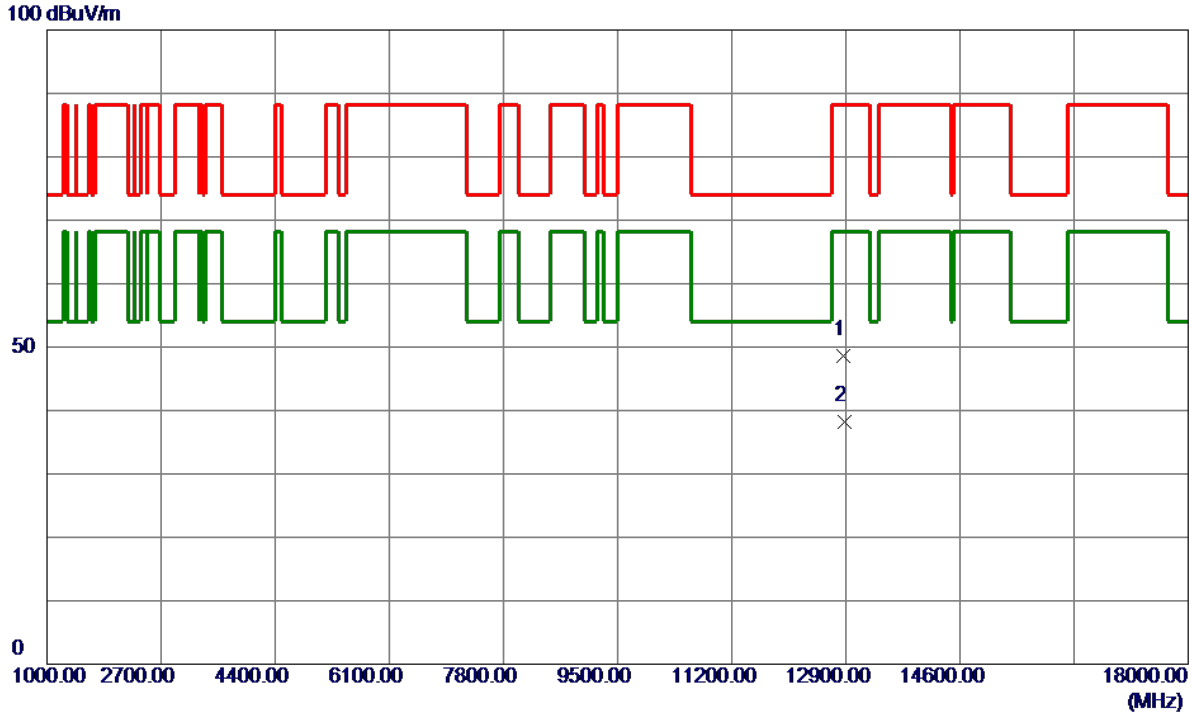
| Test Mode | UNII-5_TX AX20 Mode 6415 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 12821.1300 | 37.20 | 10.42 | 47.62 | 88.20 | -40.58 | Peak | |
| 2 * | 12822.6800 | 28.89 | 10.42 | 39.31 | 68.20 | -28.89 | AVG | |

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

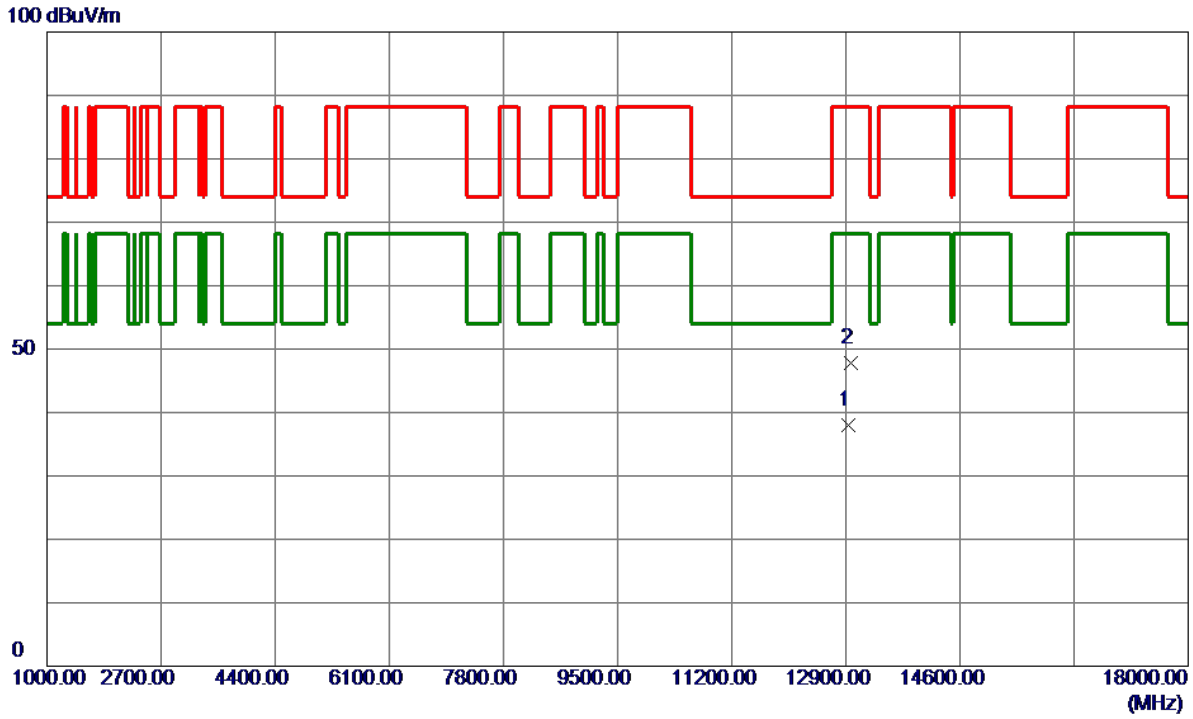
| Test Mode | UNII-6_TX AX20 Mode 6435 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 12854.8500 | 38.23 | 10.47 | 48.70 | 88.20 | -39.50 | Peak | |
| 2 * | 12876.2250 | 27.80 | 10.50 | 38.30 | 68.20 | -29.90 | AVG | |

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

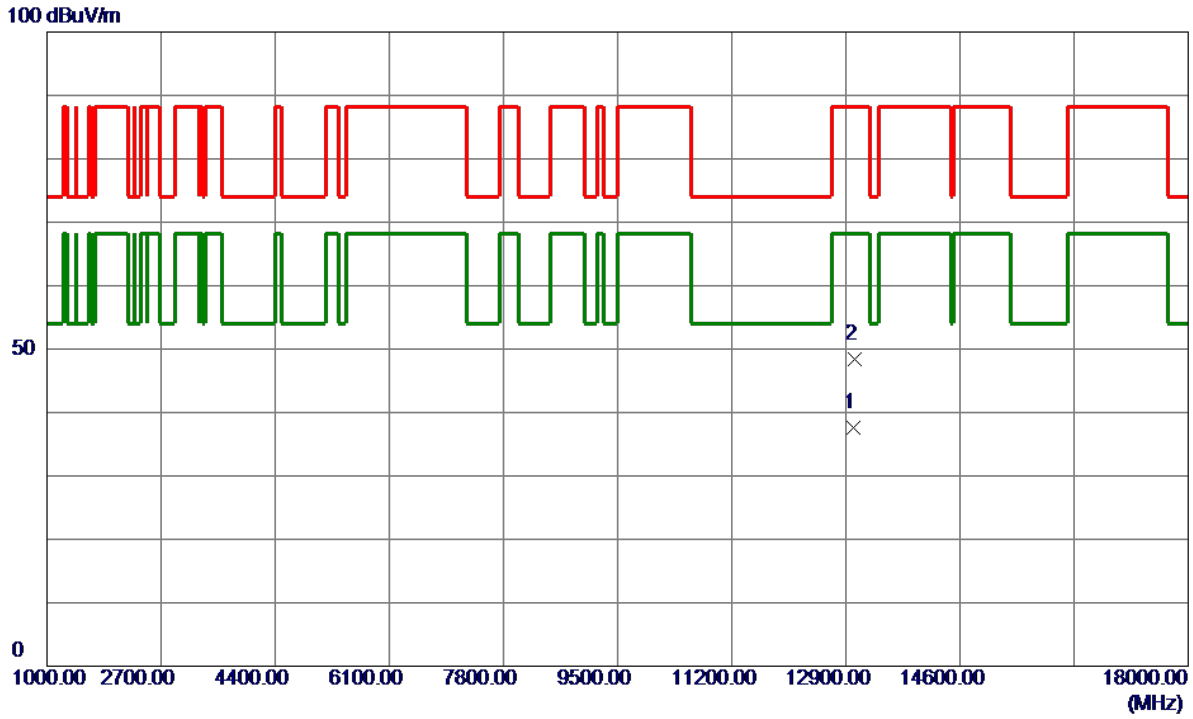
| Test Mode | UNII-6_TX AX20 Mode 6475 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 12938.5000 | 27.46 | 10.59 | 38.05 | 68.20 | -30.15 | AVG | |
| 2 | 12968.8500 | 37.20 | 10.63 | 47.83 | 88.20 | -40.37 | Peak | |

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

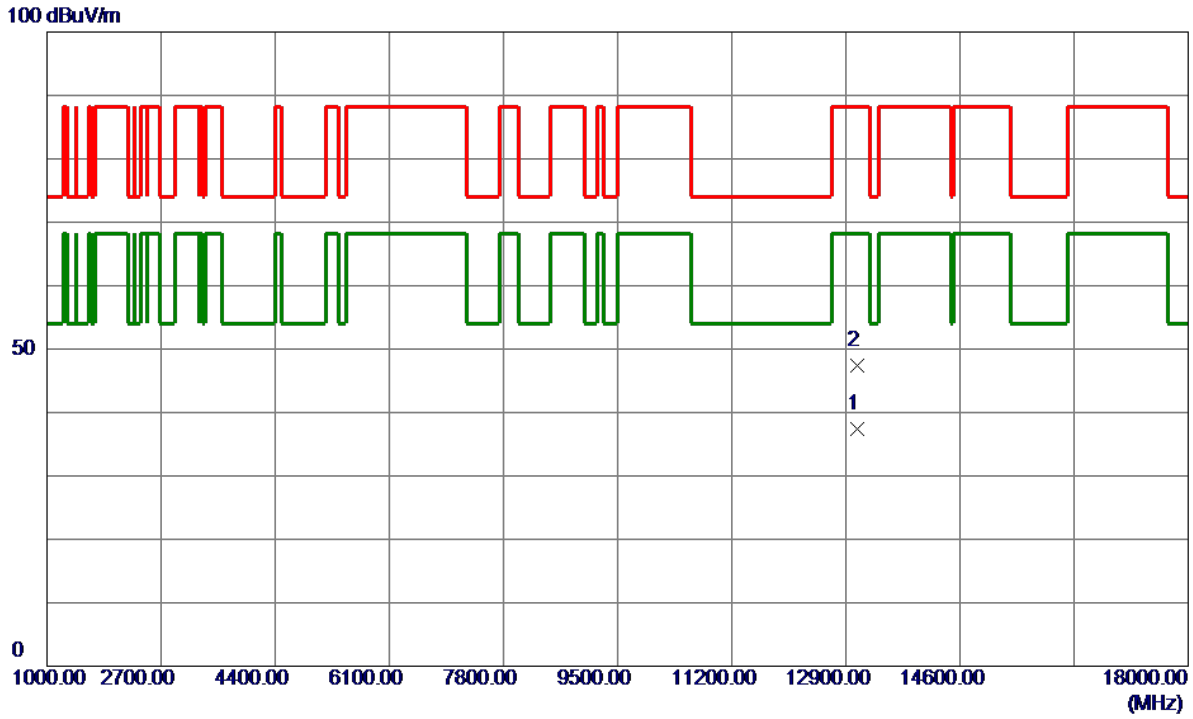
| Test Mode | UNII-6_TX AX20 Mode 6515 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 13009.5500 | 26.84 | 10.67 | 37.51 | 68.20 | -30.69 | AVG | |
| 2 | 13026.5100 | 37.75 | 10.66 | 48.41 | 88.20 | -39.79 | Peak | |

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

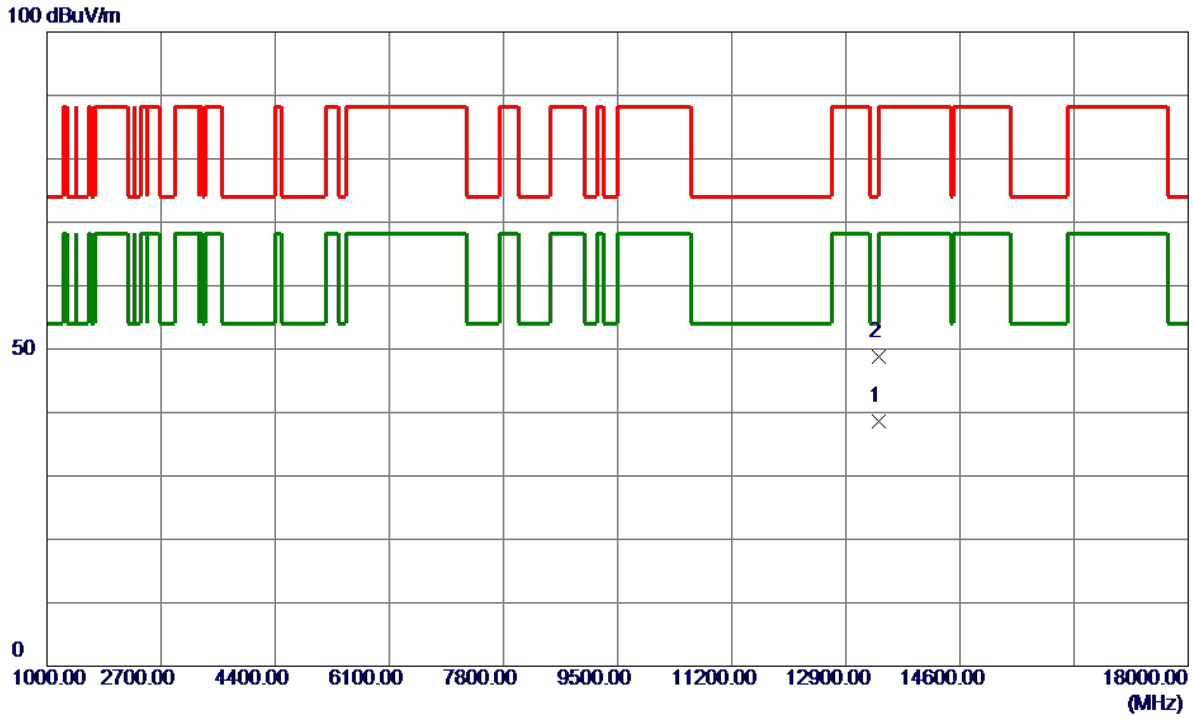
| Test Mode | UNII-7_TX AX20 Mode 6535 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 13074.2699 | 26.78 | 10.64 | 37.42 | 68.20 | -30.78 | AVG | |
| 2 | 13077.9300 | 36.79 | 10.63 | 47.42 | 88.20 | -40.78 | Peak | |

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

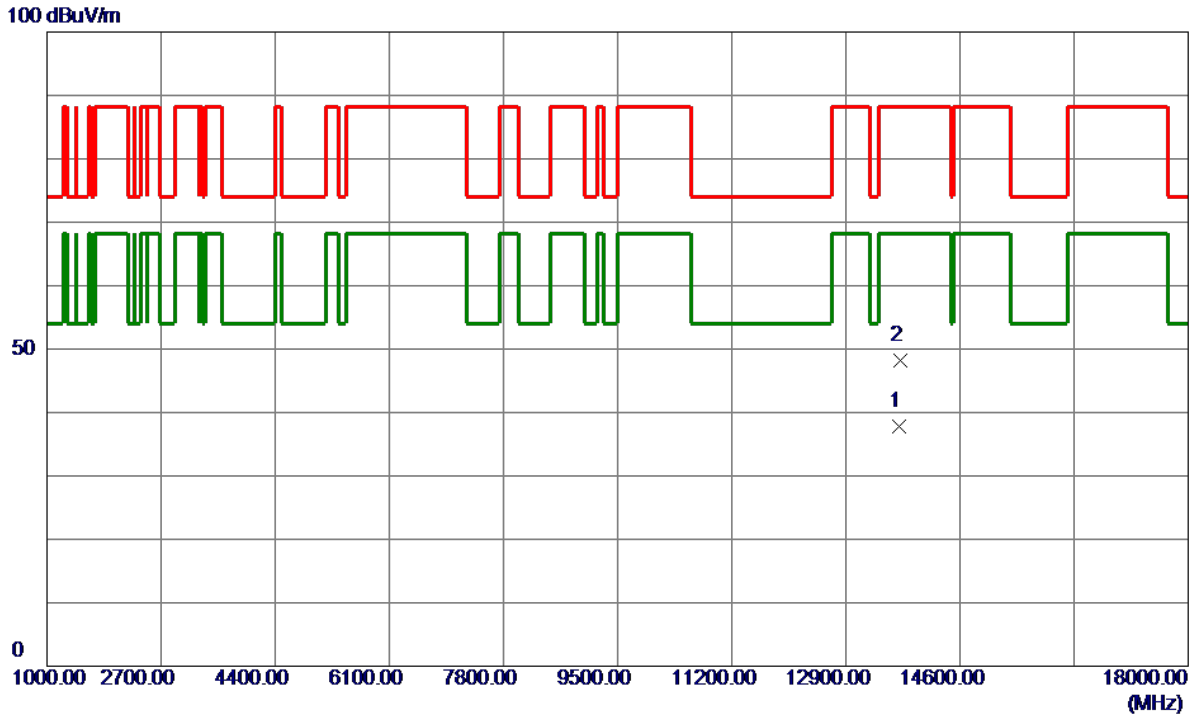
| Test Mode | UNII-7_TX AX20 Mode 6695 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 13389.9500 | 28.19 | 10.45 | 38.64 | 54.00 | -15.36 | AVG | |
| 2 | 13390.4100 | 38.30 | 10.45 | 48.75 | 74.00 | -25.25 | Peak | |

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

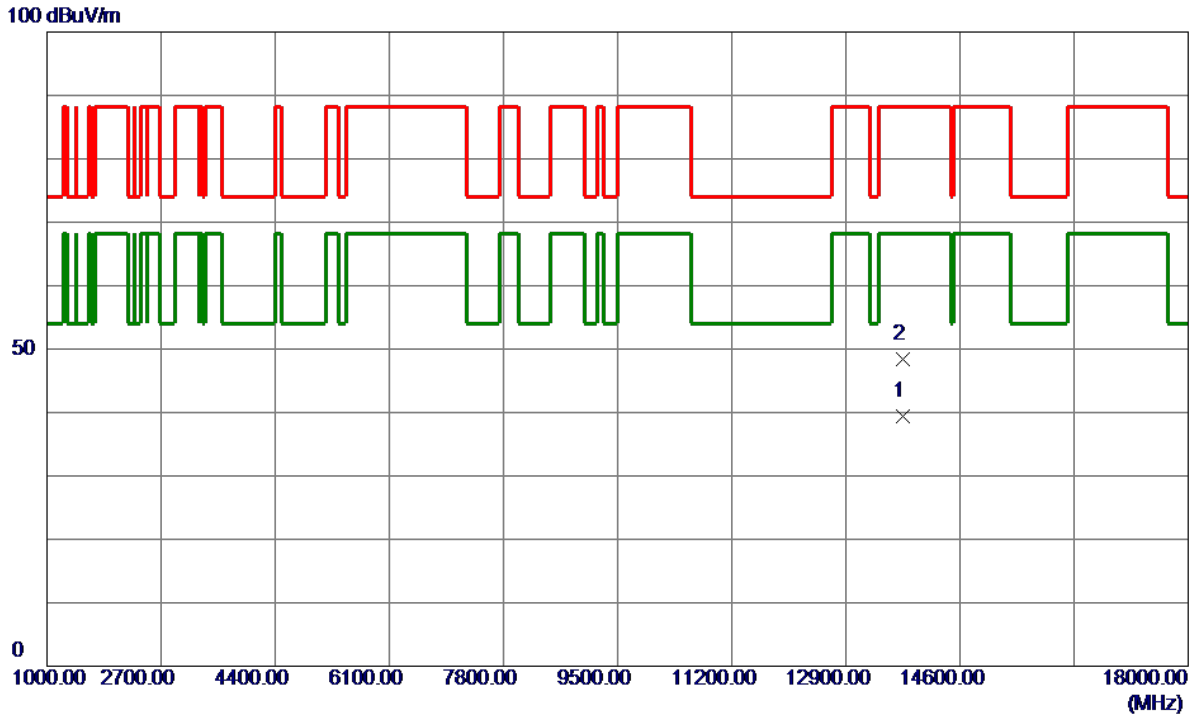
| Test Mode | UNII-7_TX AX20 Mode 6855 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 13702.3200 | 27.44 | 10.35 | 37.79 | 88.20 | -50.41 | Peak | |
| 2 * | 13710.0500 | 37.90 | 10.34 | 48.24 | 88.20 | -39.96 | Peak | |

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

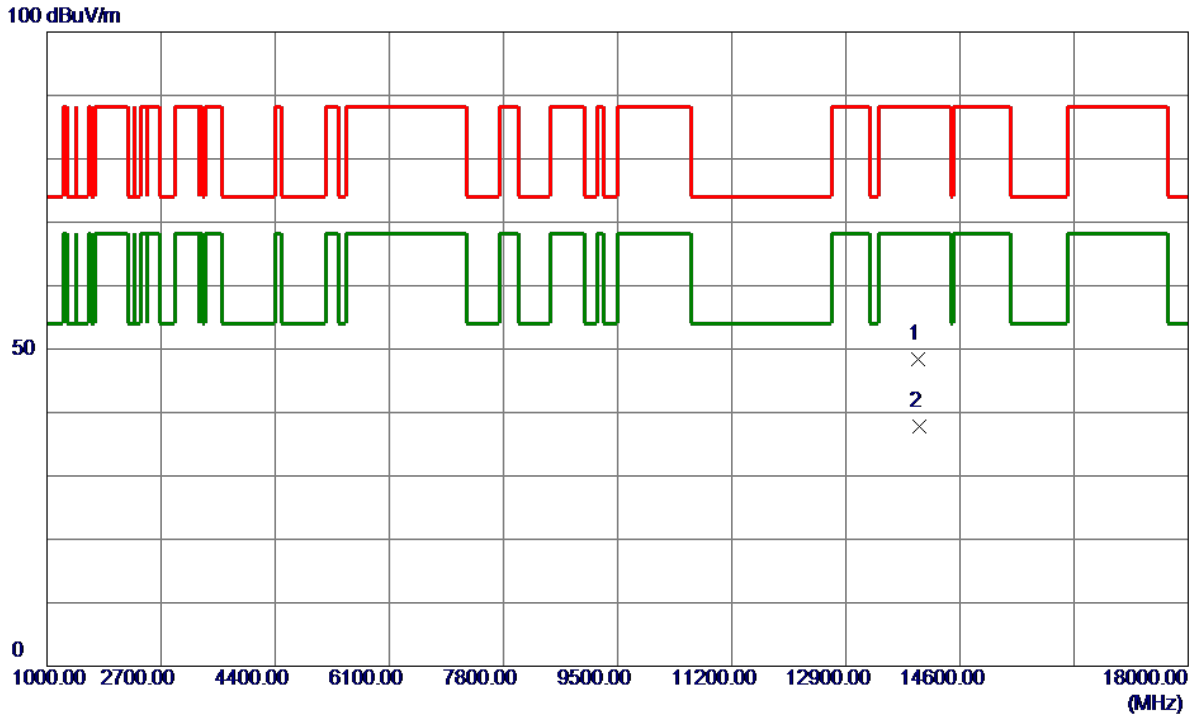
| Test Mode | UNII-8_TX AX20 Mode 6875 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 13749.9100 | 29.01 | 10.33 | 39.34 | 68.20 | -28.86 | AVG | |
| 2 | 13754.0800 | 37.98 | 10.33 | 48.31 | 88.20 | -39.89 | Peak | |

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

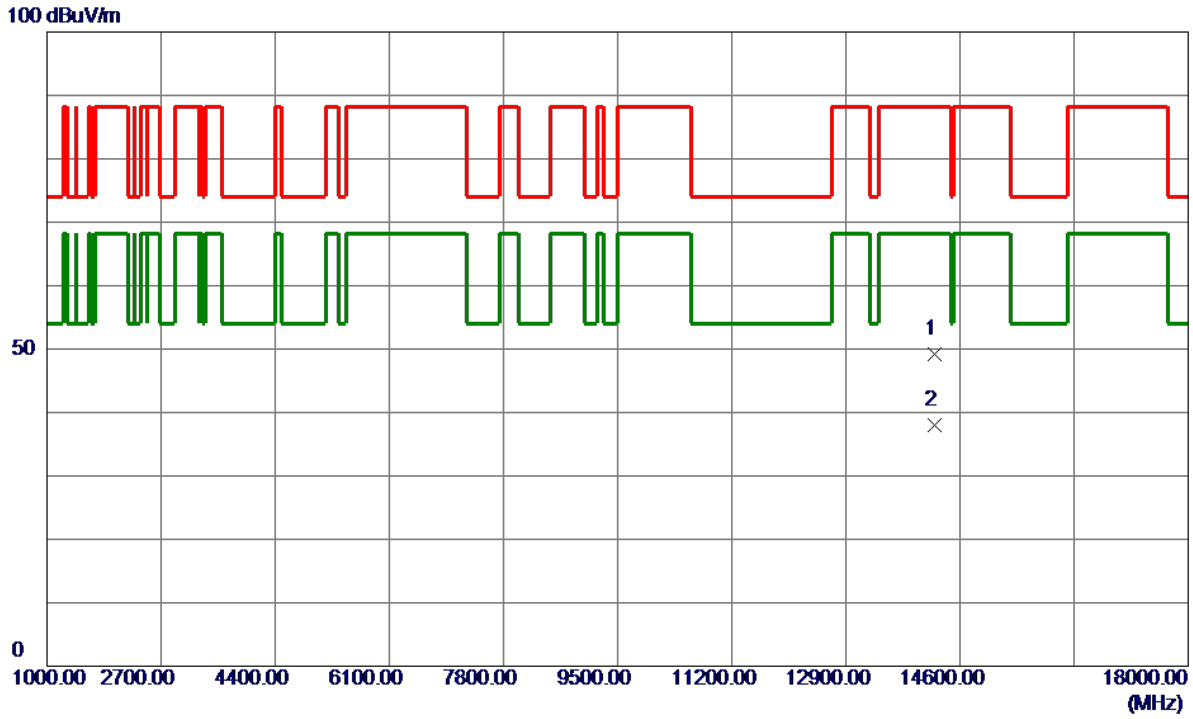
| Test Mode | UNII-8_TX AX20 Mode 6995 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 13983.4500 | 38.05 | 10.28 | 48.33 | 88.20 | -39.87 | Peak | |
| 2 | 13990.1200 | 27.45 | 10.28 | 37.73 | 88.20 | -50.47 | Peak | |

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

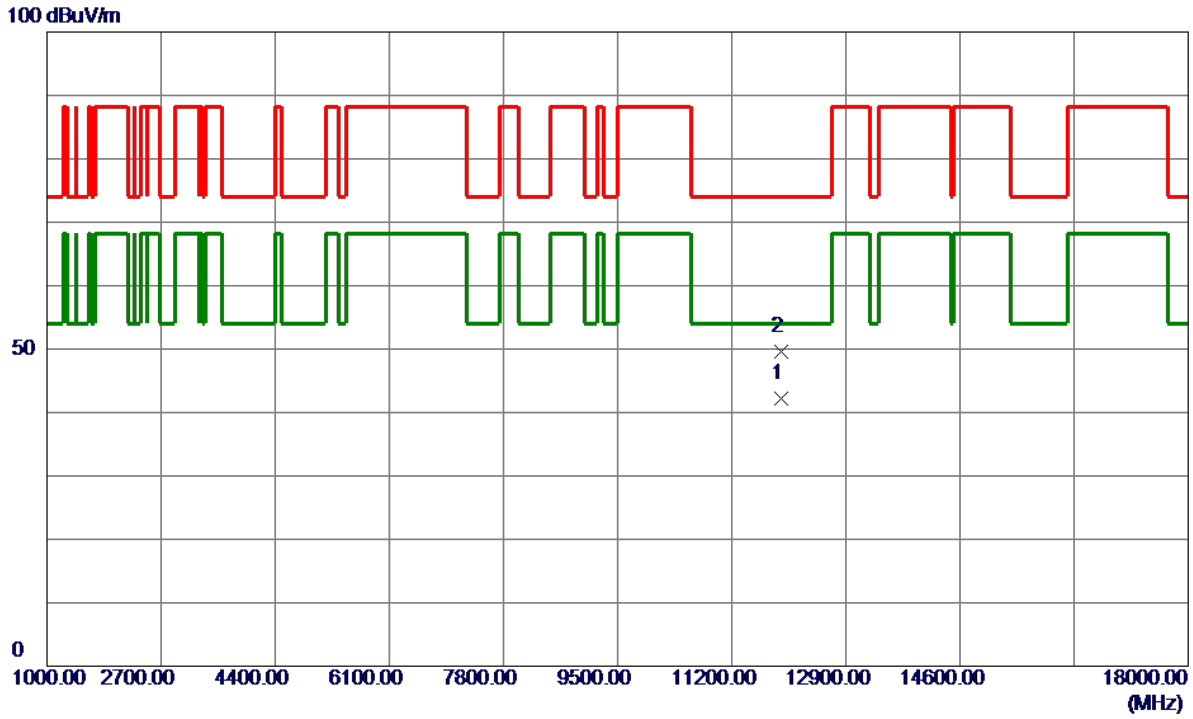
| Test Mode | UNII-8_TX AX20 Mode 7115 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 14226.7600 | 38.79 | 10.39 | 49.18 | 88.20 | -39.02 | Peak | |
| 2 * | 14229.9000 | 27.64 | 10.39 | 38.03 | 68.20 | -30.17 | AVG | |

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

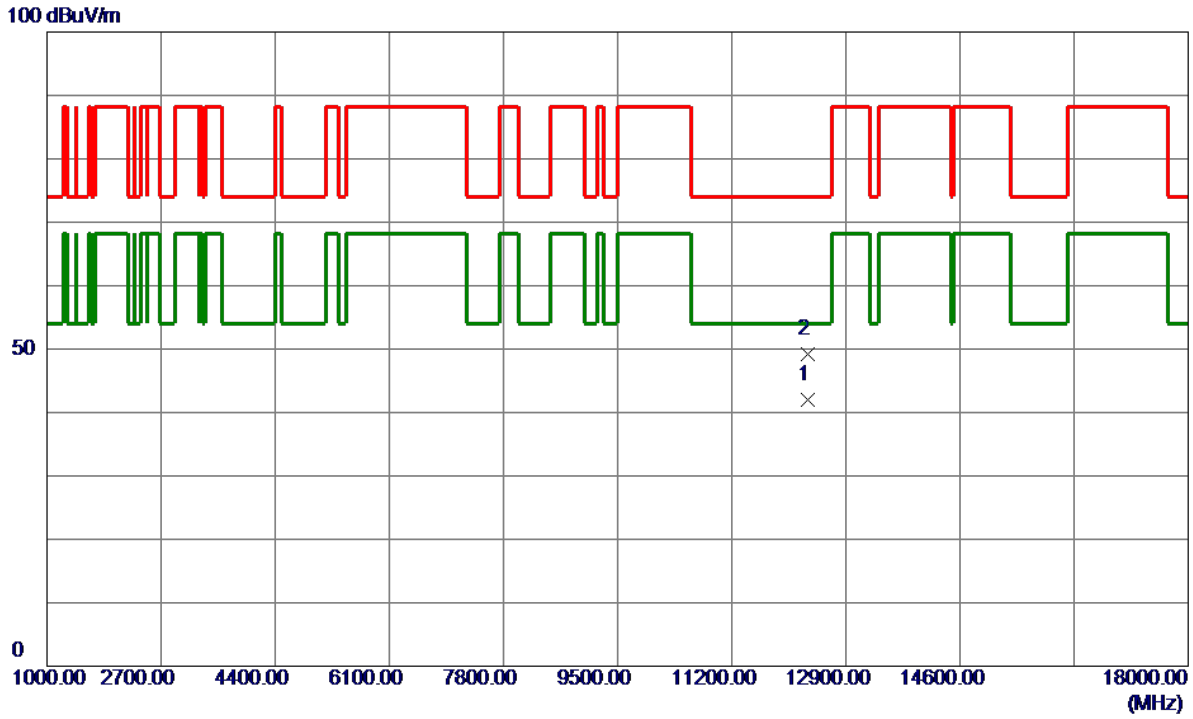
| Test Mode | UNII-5_TX AX40 Mode 5965 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 11929.8900 | 32.42 | 9.87 | 42.29 | 54.00 | -11.71 | AVG | |
| 2 | 11929.9700 | 39.77 | 9.87 | 49.64 | 74.00 | -24.36 | Peak | |

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

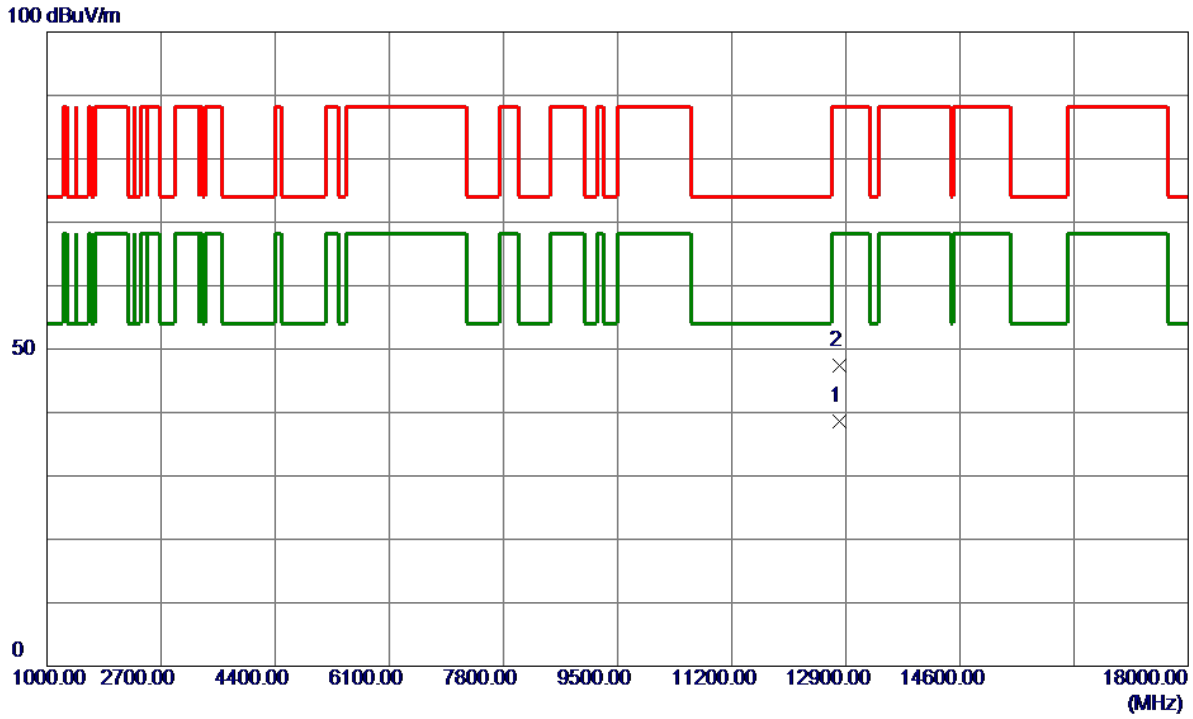
| Test Mode | UNII-5_TX AX40 Mode 6165 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 12329.9400 | 31.95 | 9.97 | 41.92 | 54.00 | -12.08 | AVG | |
| 2 | 12329.9900 | 39.19 | 9.97 | 49.16 | 74.00 | -24.84 | Peak | |

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

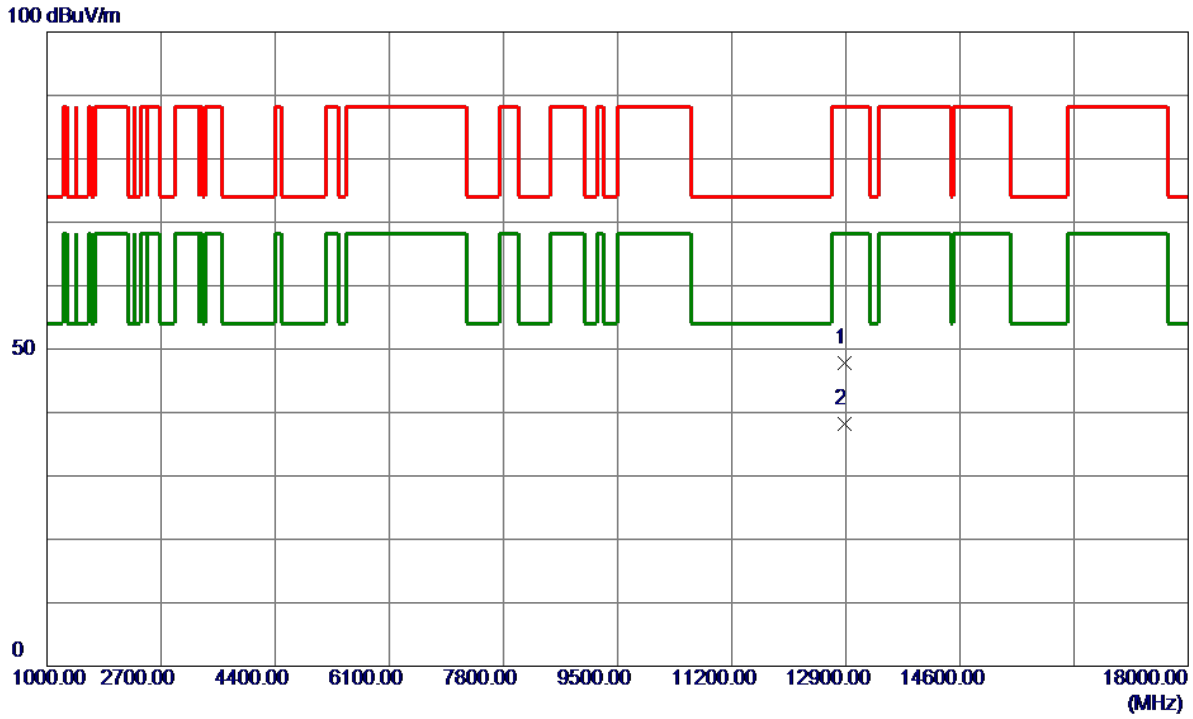
| Test Mode | UNII-5_TX AX40 Mode 6405 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 12809.8600 | 28.12 | 10.40 | 38.52 | 68.20 | -29.68 | AVG | |
| 2 | 12812.4900 | 37.06 | 10.41 | 47.47 | 88.20 | -40.73 | Peak | |

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

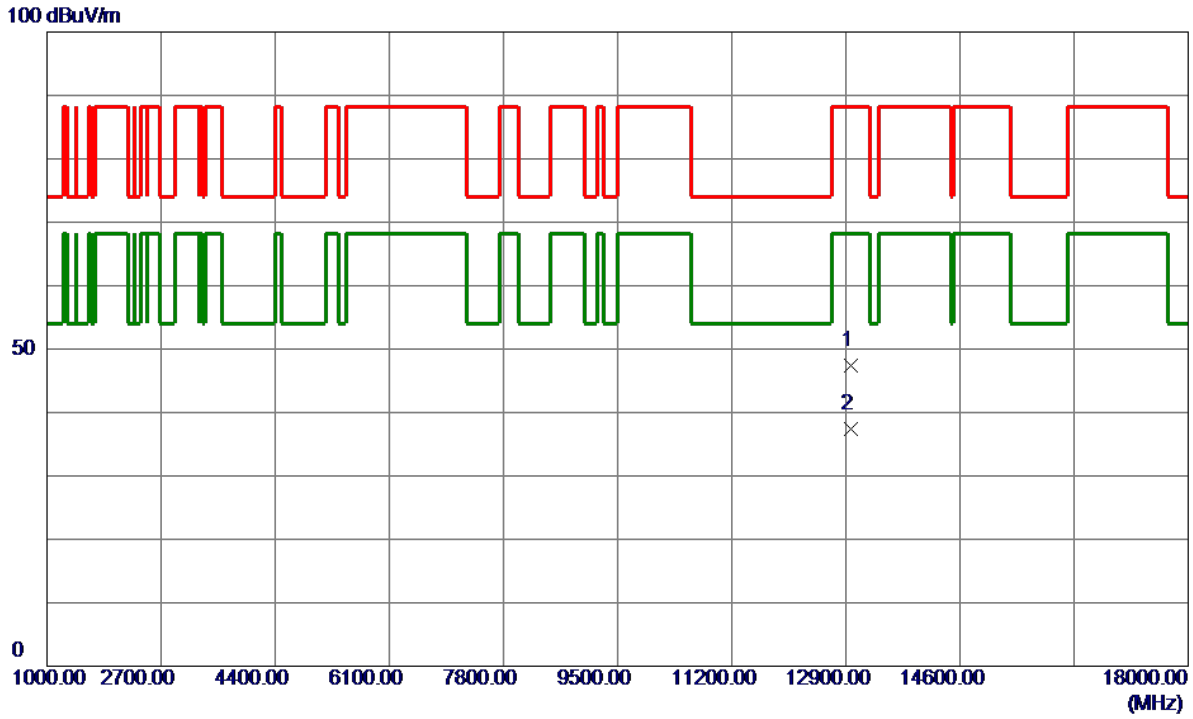
| Test Mode | UNII-6_TX AX40 Mode 6445 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 12889.5599 | 37.25 | 10.52 | 47.77 | 88.20 | -40.43 | Peak | |
| 2 * | 12889.8800 | 27.63 | 10.52 | 38.15 | 68.20 | -30.05 | AVG | |

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

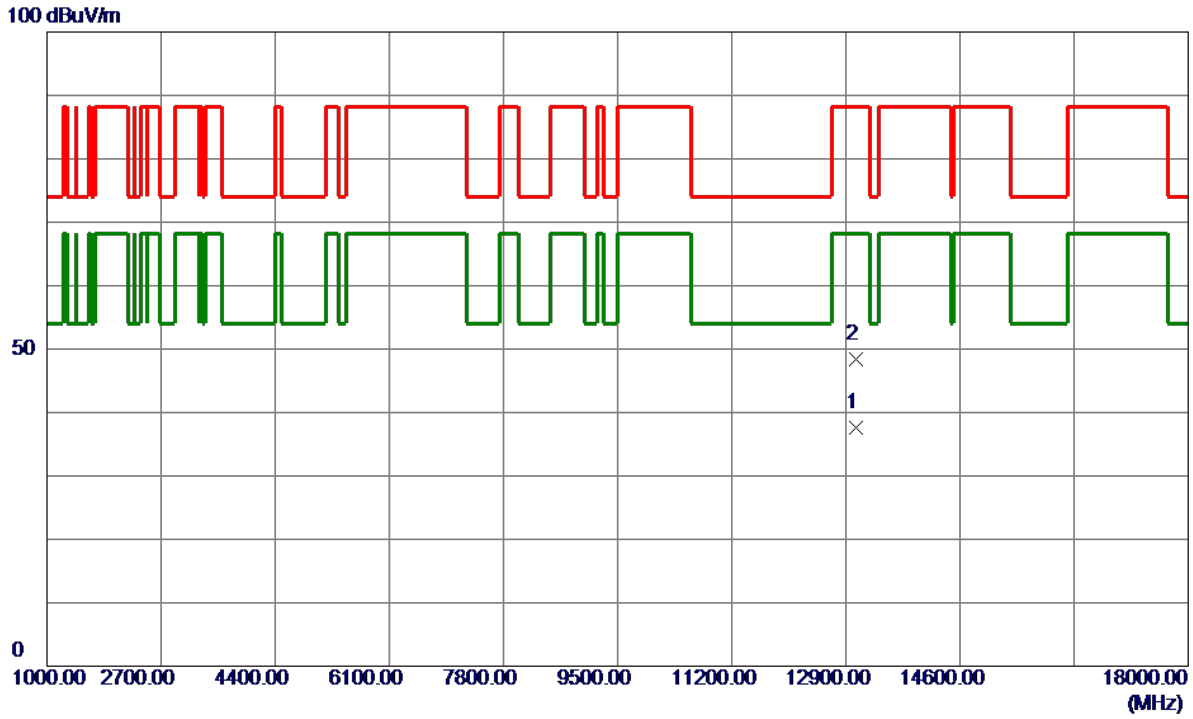
| Test Mode | UNII-6_TX AX40 Mode 6485 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 12966.2300 | 36.86 | 10.63 | 47.49 | 88.20 | -40.71 | Peak | |
| 2 * | 12969.9600 | 26.81 | 10.64 | 37.45 | 68.20 | -30.75 | AVG | |

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

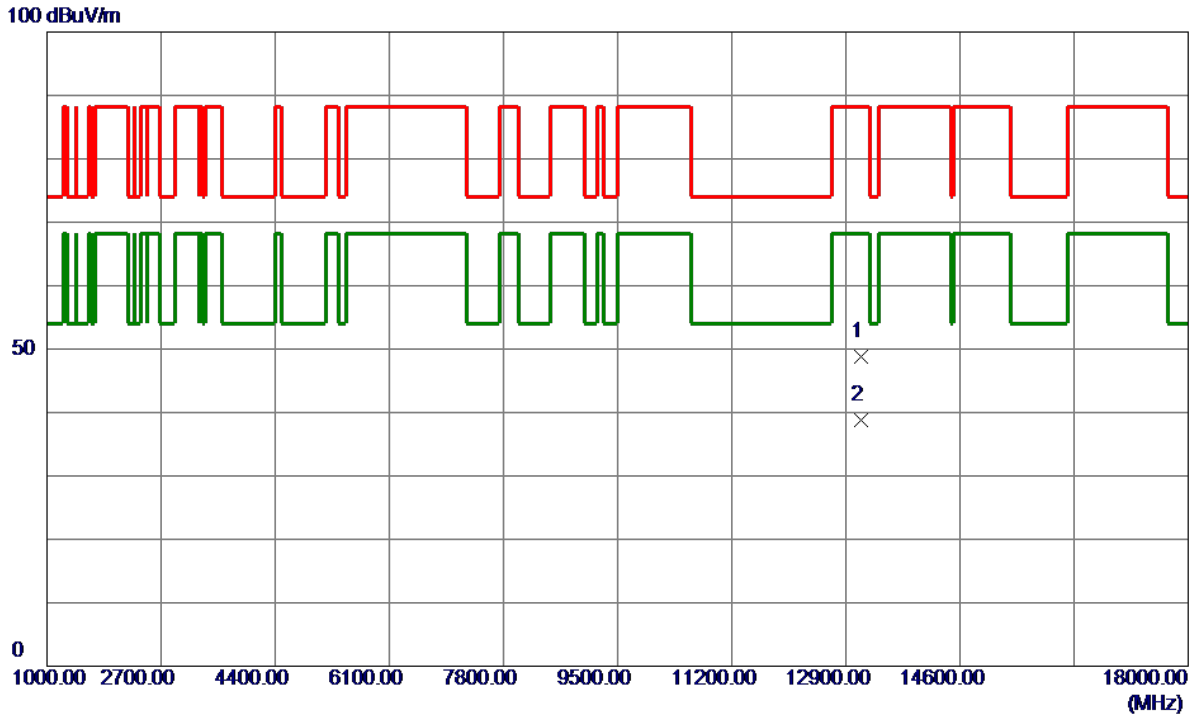
| Test Mode | UNII-6_TX AX40 Mode 6525 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 13043.4200 | 26.97 | 10.65 | 37.62 | 68.20 | -30.58 | AVG | |
| 2 | 13050.3099 | 37.75 | 10.65 | 48.40 | 88.20 | -39.80 | Peak | |

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

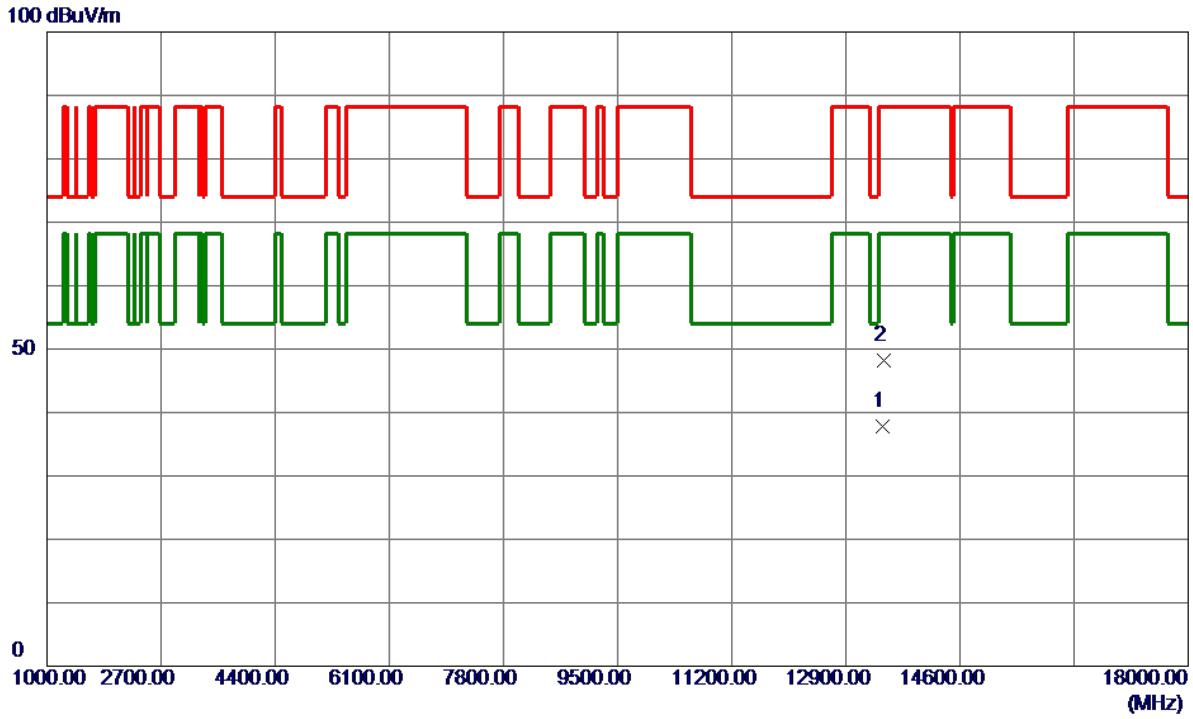
| Test Mode | UNII-7_TX AX40 Mode 6565 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 13123.4700 | 38.13 | 10.61 | 48.74 | 88.20 | -39.46 | Peak | |
| 2 * | 13129.8600 | 28.24 | 10.60 | 38.84 | 68.20 | -29.36 | AVG | |

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

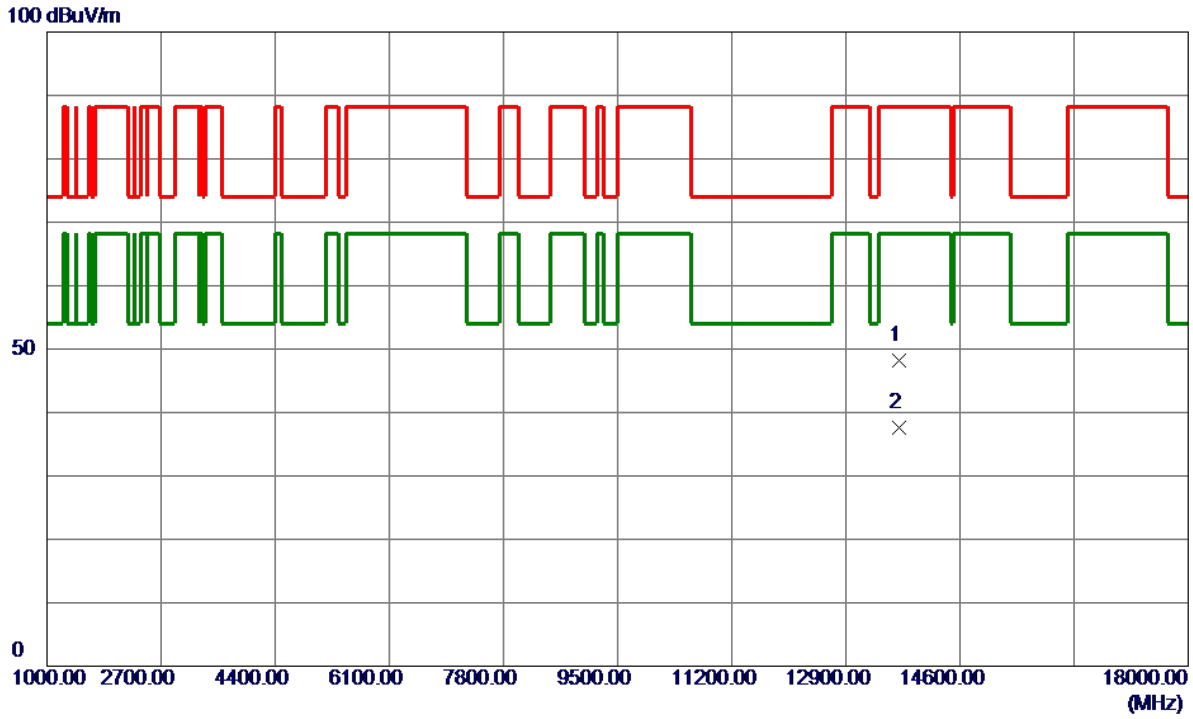
| Test Mode | UNII-7_TX AX40 Mode 6725 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 13449.9500 | 27.46 | 10.42 | 37.88 | 68.20 | -30.32 | AVG | |
| 2 | 13459.8300 | 37.70 | 10.41 | 48.11 | 88.20 | -40.09 | Peak | |

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

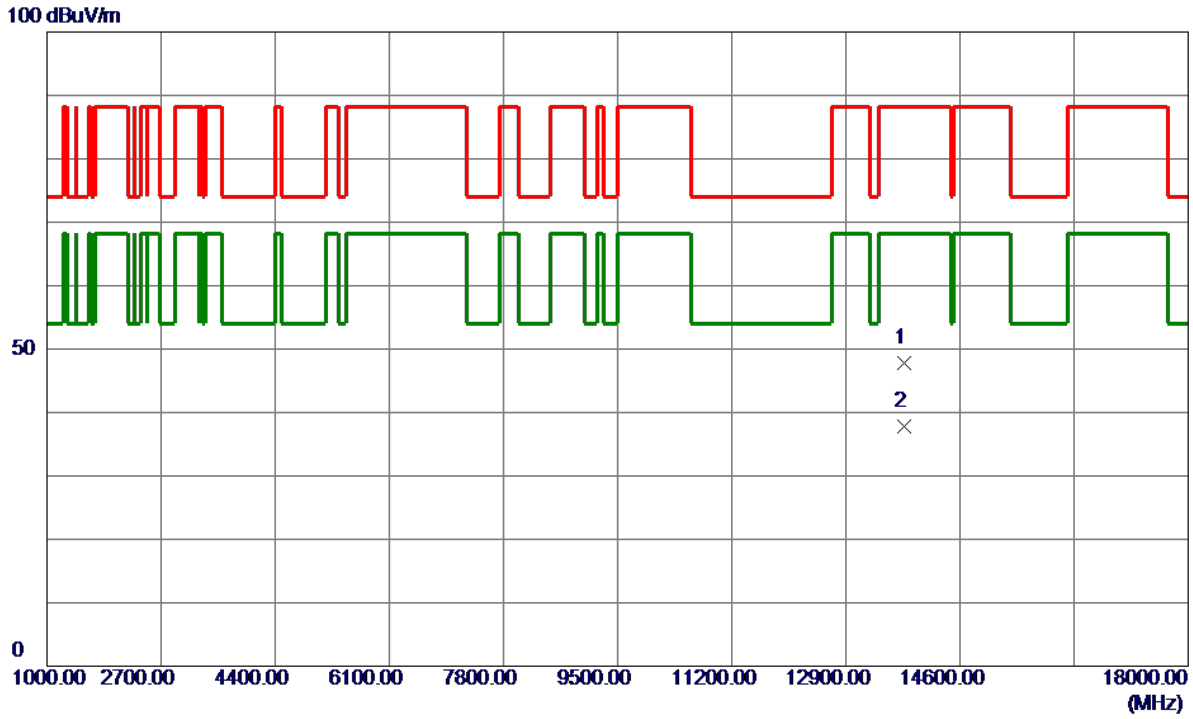
| Test Mode | UNII-7_TX AX40 Mode 6845 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 13685.2000 | 37.89 | 10.35 | 48.24 | 88.20 | -39.96 | Peak | |
| 2 * | 13696.7100 | 27.24 | 10.35 | 37.59 | 68.20 | -30.61 | AVG | |

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

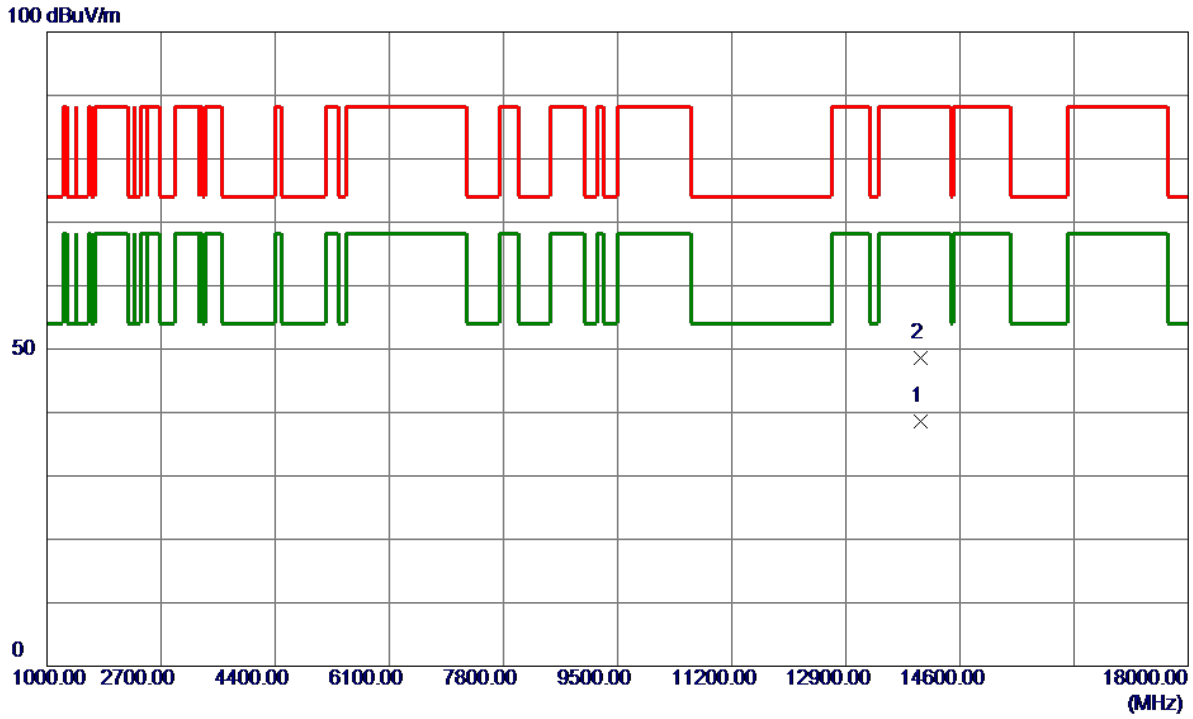
| Test Mode | UNII-8_TX AX40 Mode 6885 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 13773.1300 | 37.39 | 10.33 | 47.72 | 88.20 | -40.48 | Peak | |
| 2 * | 13775.6700 | 27.53 | 10.33 | 37.86 | 68.20 | -30.34 | AVG | |

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

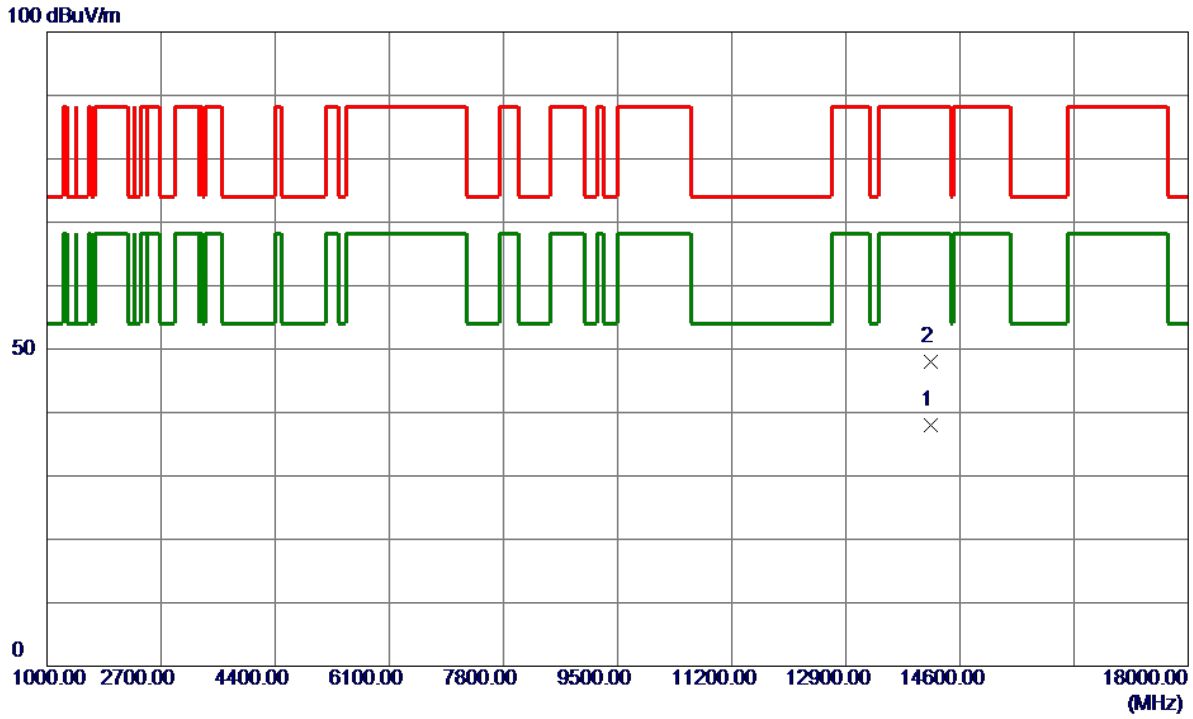
| Test Mode | UNII-8_TX AX40 Mode 7005 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 14016.0700 | 28.28 | 10.29 | 38.57 | 68.20 | -29.63 | AVG | |
| 2 | 14018.1100 | 38.40 | 10.29 | 48.69 | 88.20 | -39.51 | Peak | |

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

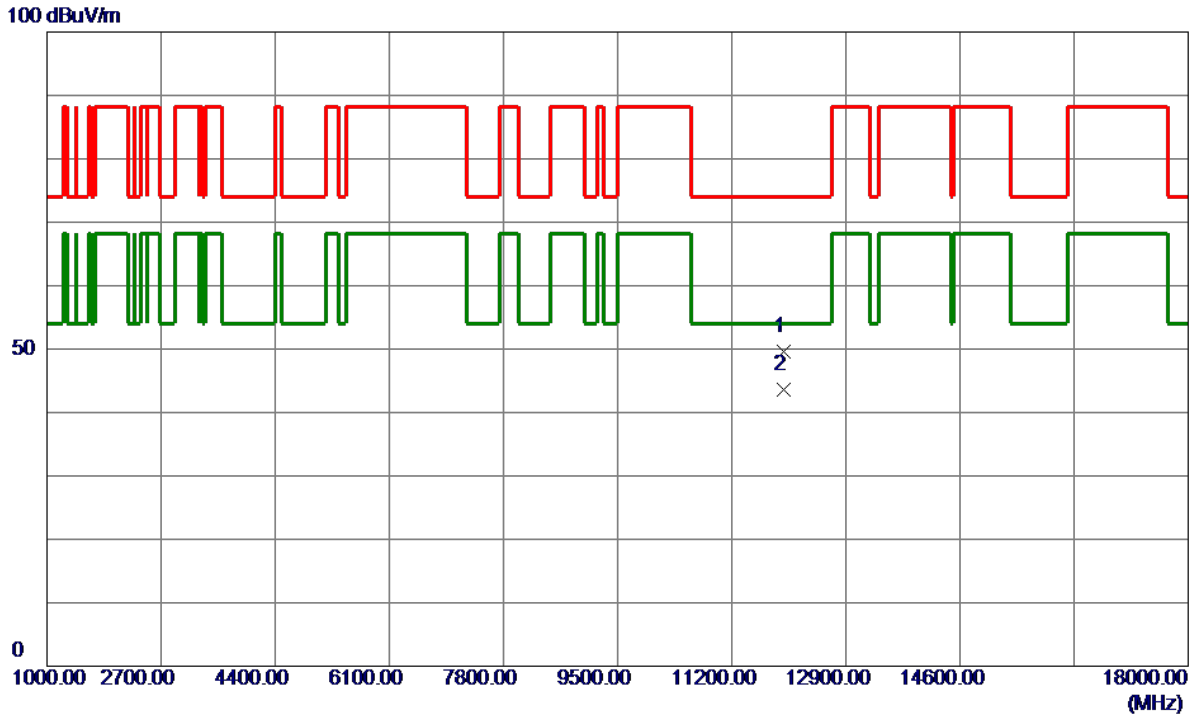
| Test Mode | UNII-8_TX AX40 Mode 7085 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 14165.7000 | 27.67 | 10.36 | 38.03 | 68.20 | -30.17 | AVG | |
| 2 | 14166.6300 | 37.57 | 10.36 | 47.93 | 88.20 | -40.27 | Peak | |

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

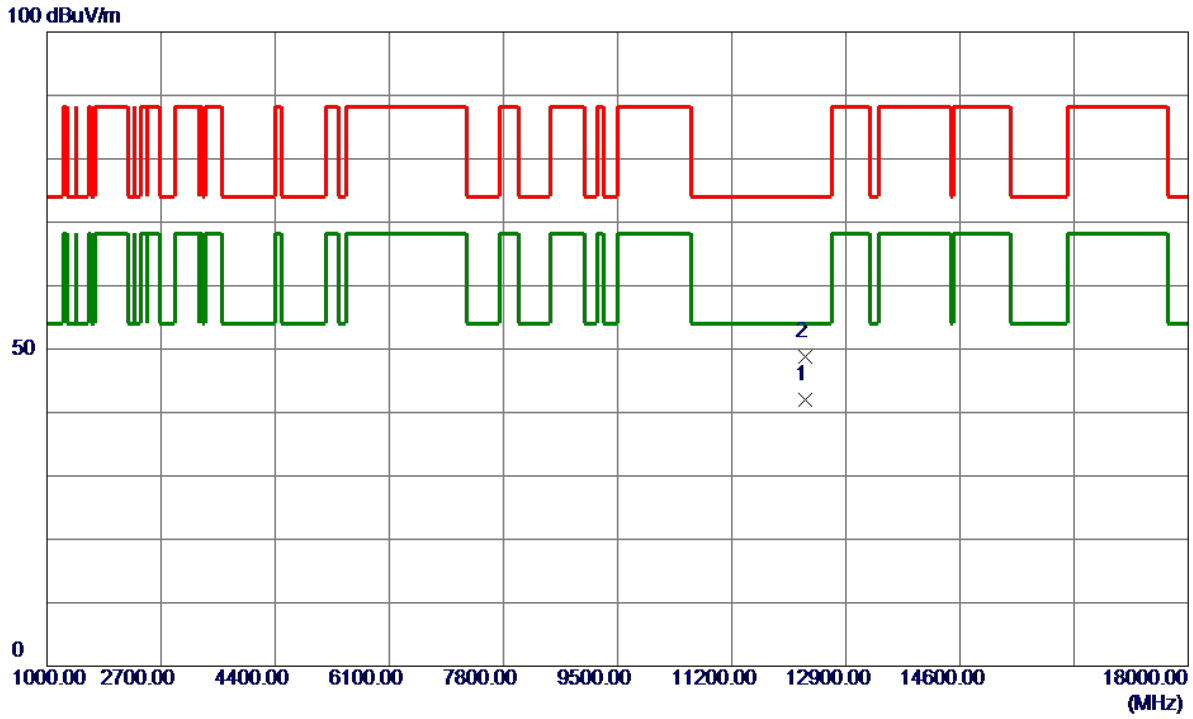
| Test Mode | UNII-5_TX AX80 Mode 5985 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 11969.5900 | 39.59 | 9.96 | 49.55 | 74.00 | -24.45 | Peak | |
| 2 * | 11969.9100 | 33.70 | 9.96 | 43.66 | 54.00 | -10.34 | AVG | |

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

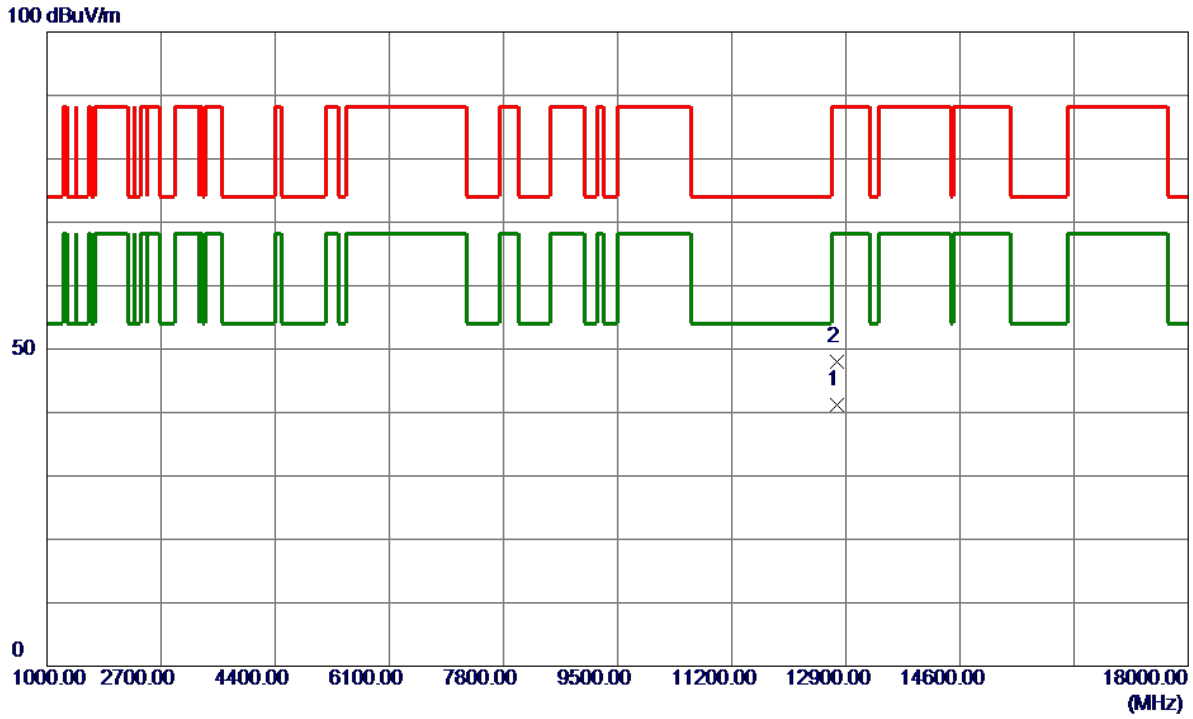
| Test Mode | UNII-5_TX AX80 Mode 6145 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 12289.9400 | 32.08 | 9.98 | 42.06 | 54.00 | -11.94 | AVG | |
| 2 | 12290.1800 | 38.73 | 9.98 | 48.71 | 74.00 | -25.29 | Peak | |

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

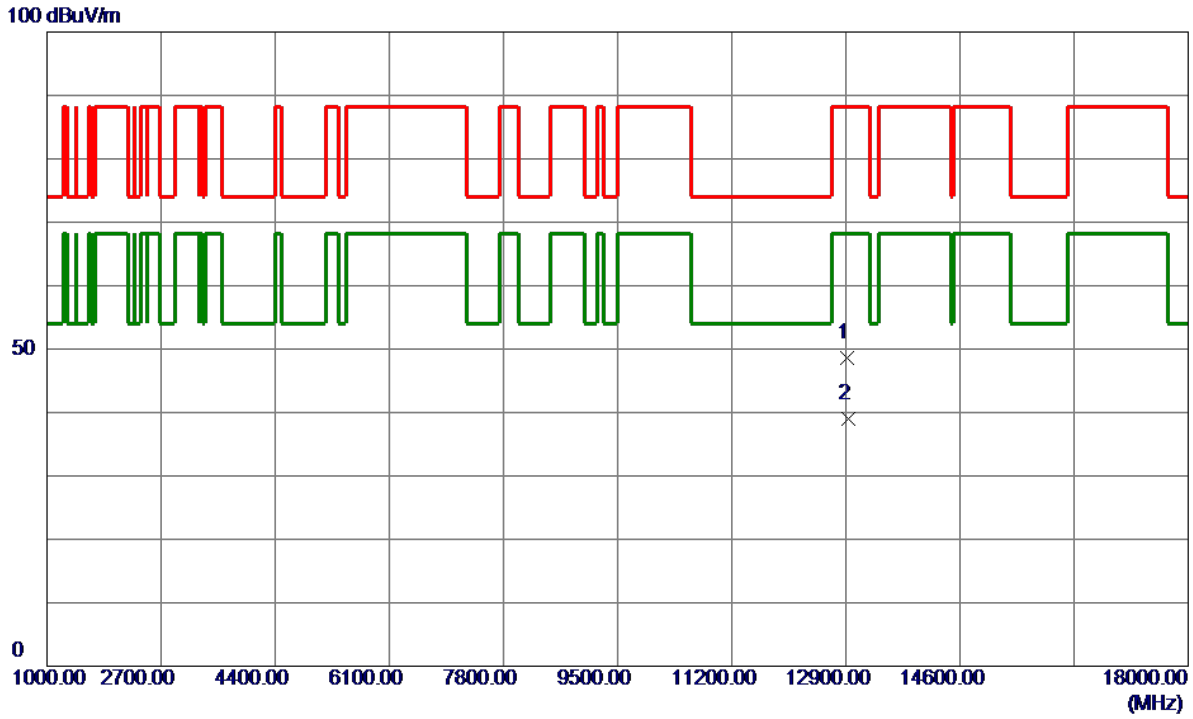
| Test Mode | UNII-5_TX AX80 Mode 6385 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 12769.8400 | 30.88 | 10.34 | 41.22 | 68.20 | -26.98 | AVG | |
| 2 | 12770.1500 | 37.70 | 10.34 | 48.04 | 88.20 | -40.16 | Peak | |

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

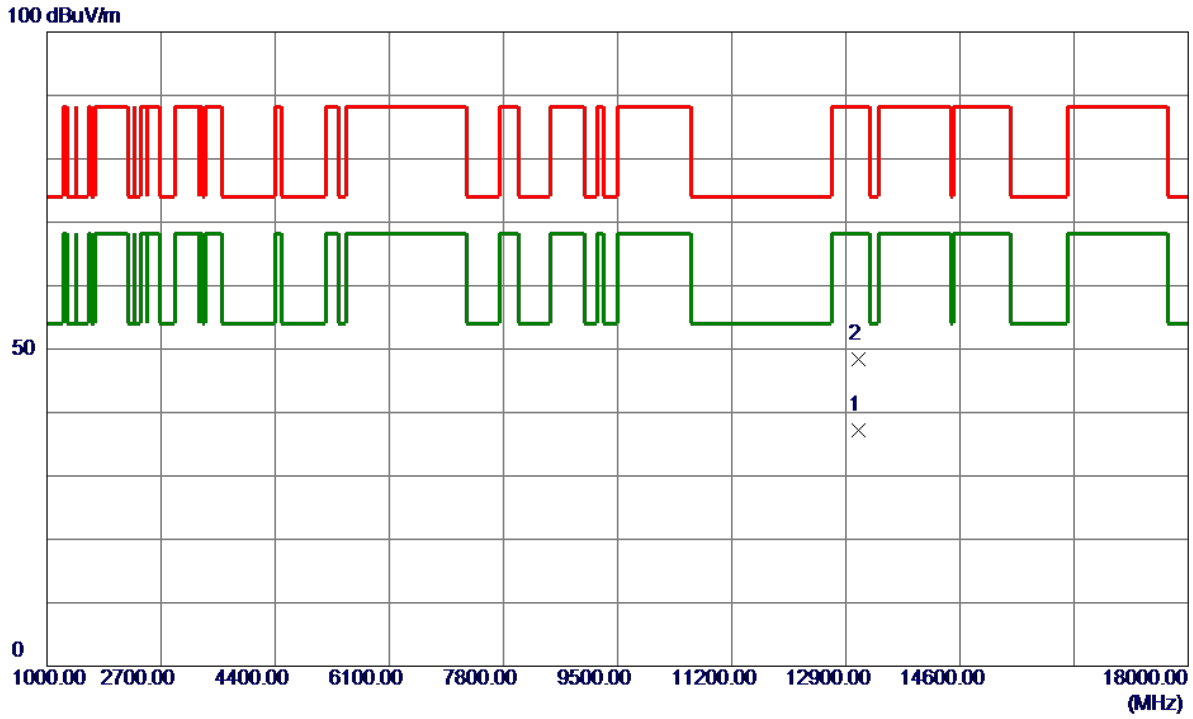
| Test Mode | UNII-6_TX AX80 Mode 6465 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 12920.9000 | 38.13 | 10.56 | 48.69 | 88.20 | -39.51 | Peak | |
| 2 * | 12937.2699 | 28.42 | 10.59 | 39.01 | 68.20 | -29.19 | AVG | |

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

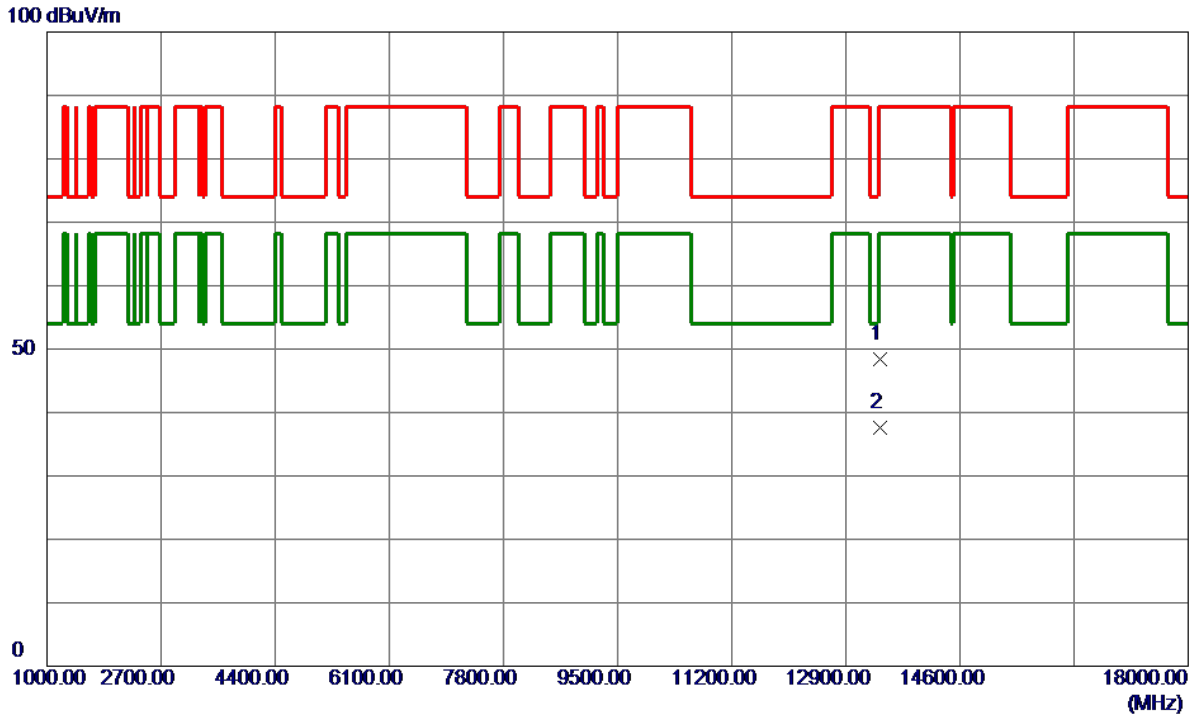
| Test Mode | UNII-7_TX AX80 Mode 6545 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 13081.6400 | 26.65 | 10.63 | 37.28 | 68.20 | -30.92 | AVG | |
| 2 | 13088.2400 | 37.82 | 10.63 | 48.45 | 88.20 | -39.75 | Peak | |

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

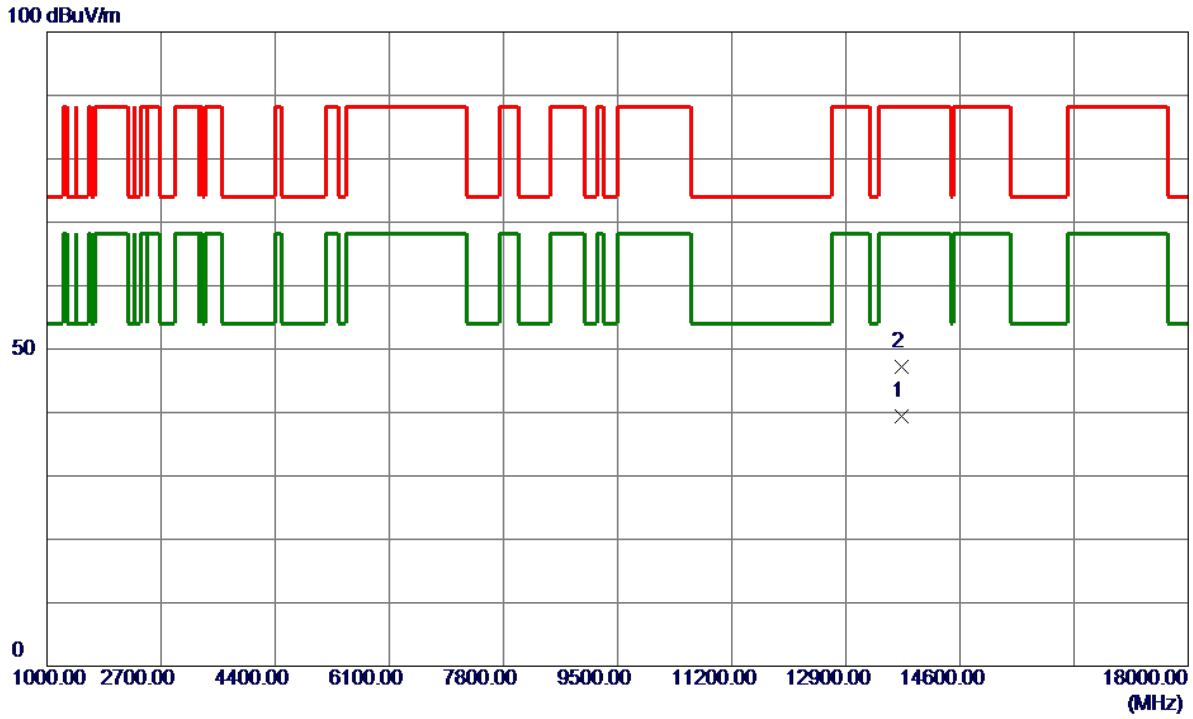
| Test Mode | UNII-7_TX AX80 Mode 6705 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 13404.2000 | 37.97 | 10.45 | 48.42 | 88.20 | -39.78 | Peak | |
| 2 * | 13409.8200 | 27.13 | 10.44 | 37.57 | 68.20 | -30.63 | AVG | |

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

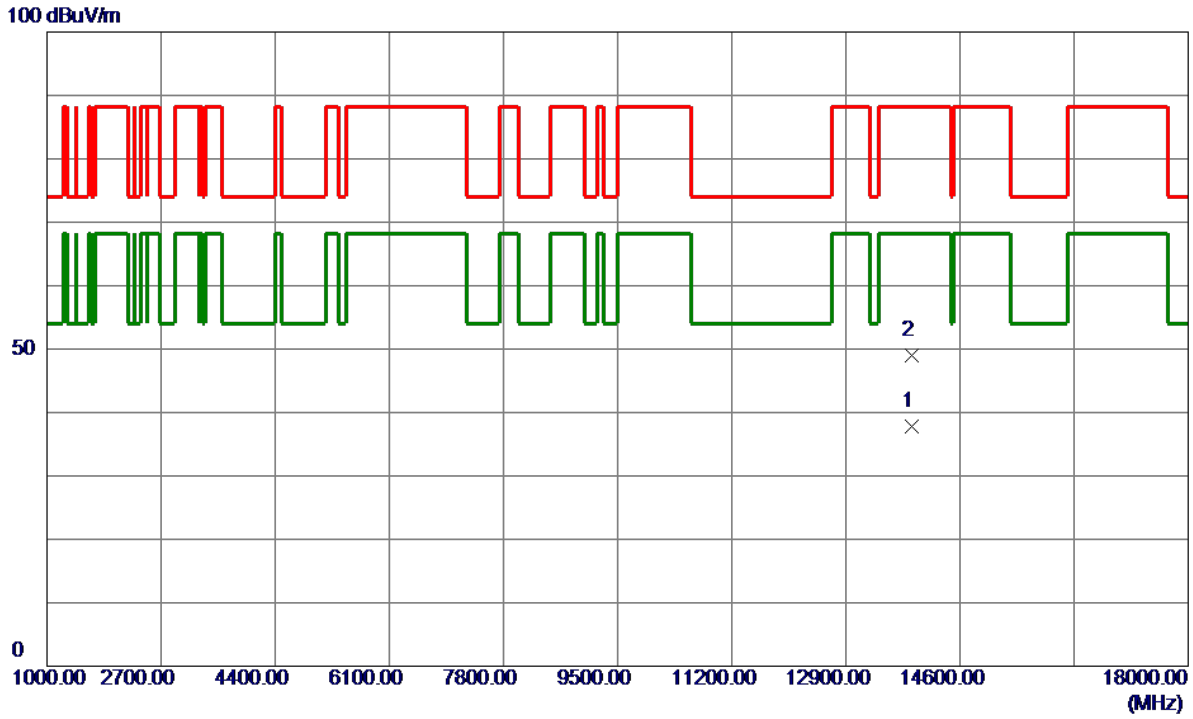
| Test Mode | UNII-7_TX AX80 Mode 6865 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 13722.1400 | 29.12 | 10.34 | 39.46 | 68.20 | -28.74 | AVG | |
| 2 | 13726.9600 | 36.88 | 10.34 | 47.22 | 88.20 | -40.98 | Peak | |

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

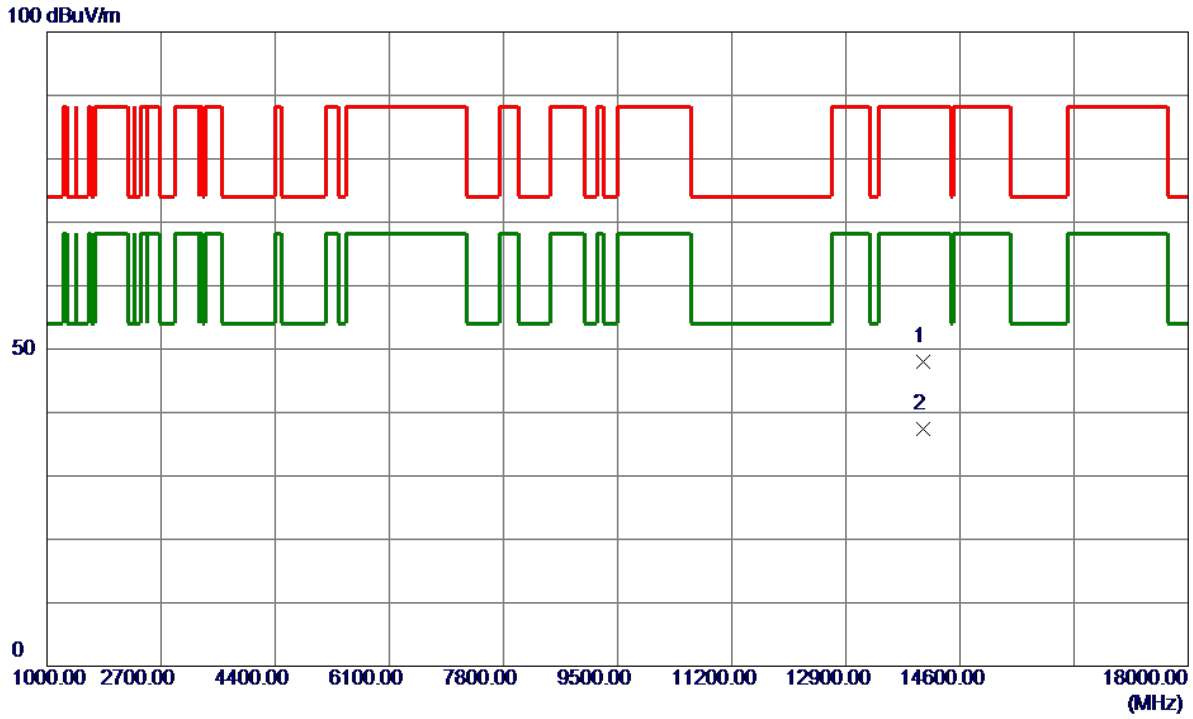
| Test Mode | UNII-8_TX AX80 Mode 6945 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 13884.1100 | 27.47 | 10.31 | 37.78 | 68.20 | -30.42 | AVG | |
| 2 | 13887.9300 | 38.63 | 10.30 | 48.93 | 88.20 | -39.27 | Peak | |

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

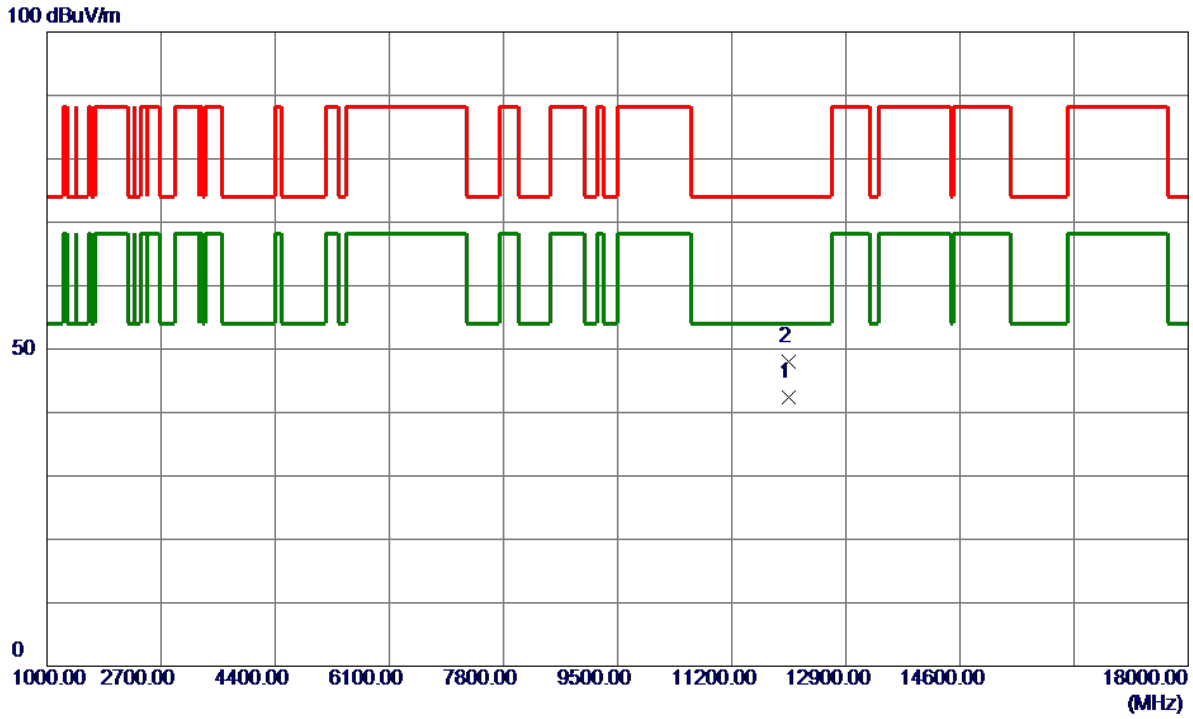
| Test Mode | UNII-8_TX AX80 Mode 7025 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 14049.7400 | 37.70 | 10.30 | 48.00 | 88.20 | -40.20 | Peak | |
| 2 * | 14049.8300 | 27.07 | 10.30 | 37.37 | 68.20 | -30.83 | AVG | |

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

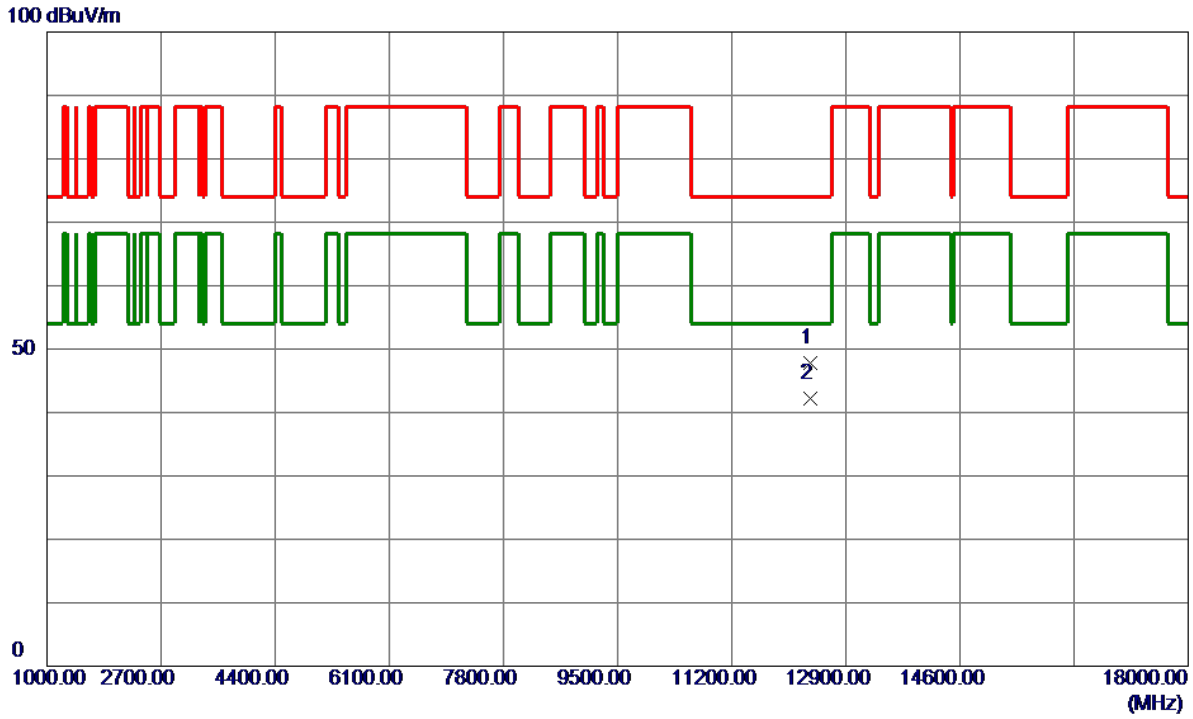
| Test Mode | UNII-5_TX AX160 Mode 6025 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 12049.9100 | 32.40 | 10.01 | 42.41 | 54.00 | -11.59 | AVG | |
| 2 | 12050.1200 | 38.06 | 10.01 | 48.07 | 74.00 | -25.93 | Peak | |

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

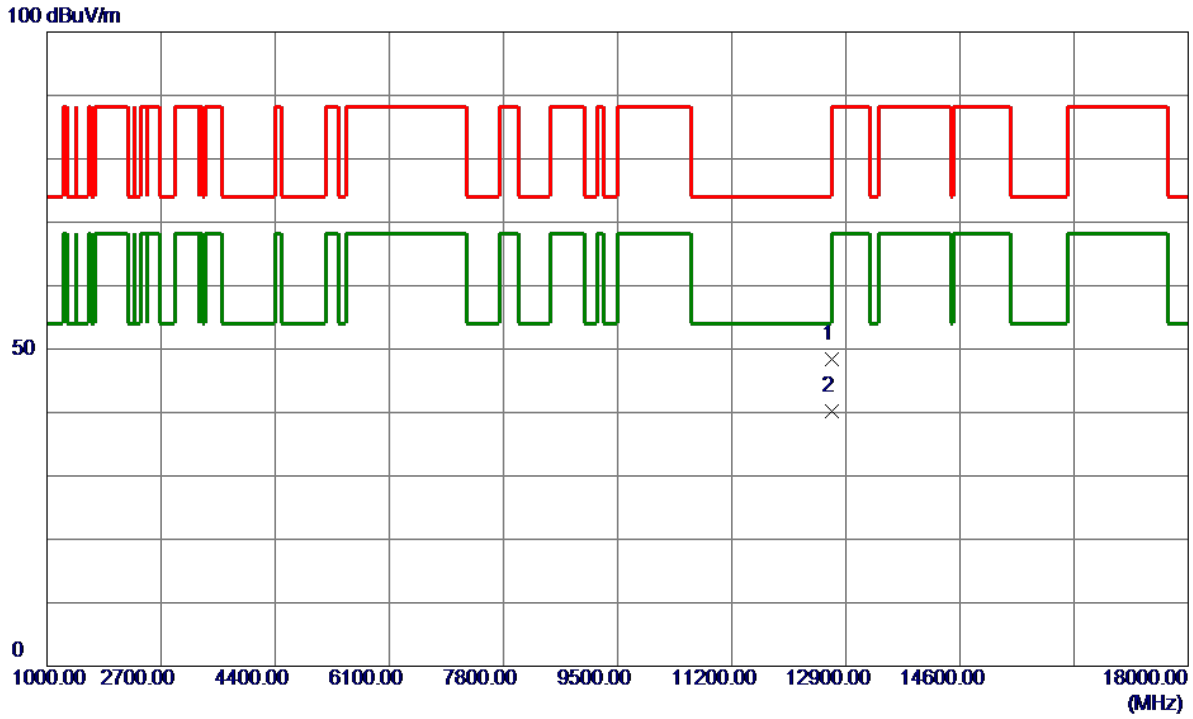
| Test Mode | UNII-5_TX AX160 Mode 6185 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 12369.7800 | 37.76 | 9.97 | 47.73 | 74.00 | -26.27 | Peak | |
| 2 * | 12369.9500 | 32.23 | 9.97 | 42.20 | 54.00 | -11.80 | AVG | |

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

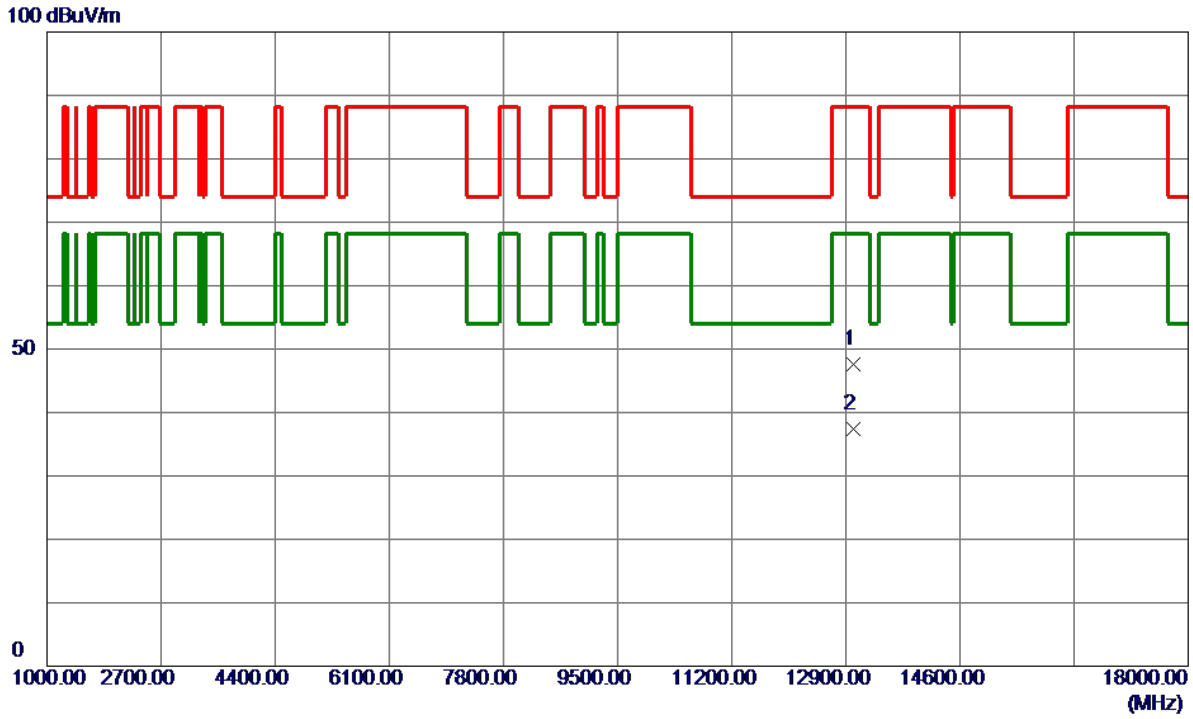
| Test Mode | UNII-5_TX AX160 Mode 6345 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 12689.5700 | 38.22 | 10.23 | 48.45 | 74.00 | -25.55 | Peak | |
| 2 * | 12689.9100 | 29.93 | 10.23 | 40.16 | 54.00 | -13.84 | AVG | |

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

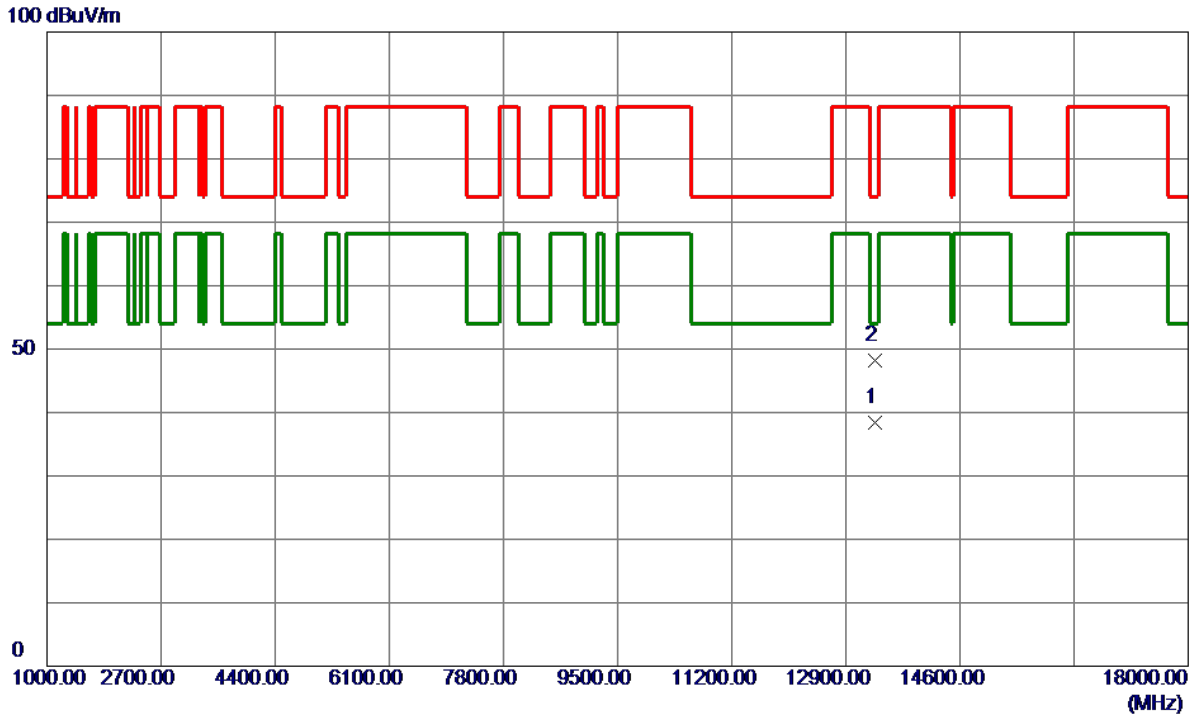
| Test Mode | UNII-6_TX AX160 Mode 6505 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 13007.2000 | 36.90 | 10.68 | 47.58 | 88.20 | -40.62 | Peak | |
| 2 * | 13009.8800 | 26.64 | 10.67 | 37.31 | 68.20 | -30.89 | AVG | |

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

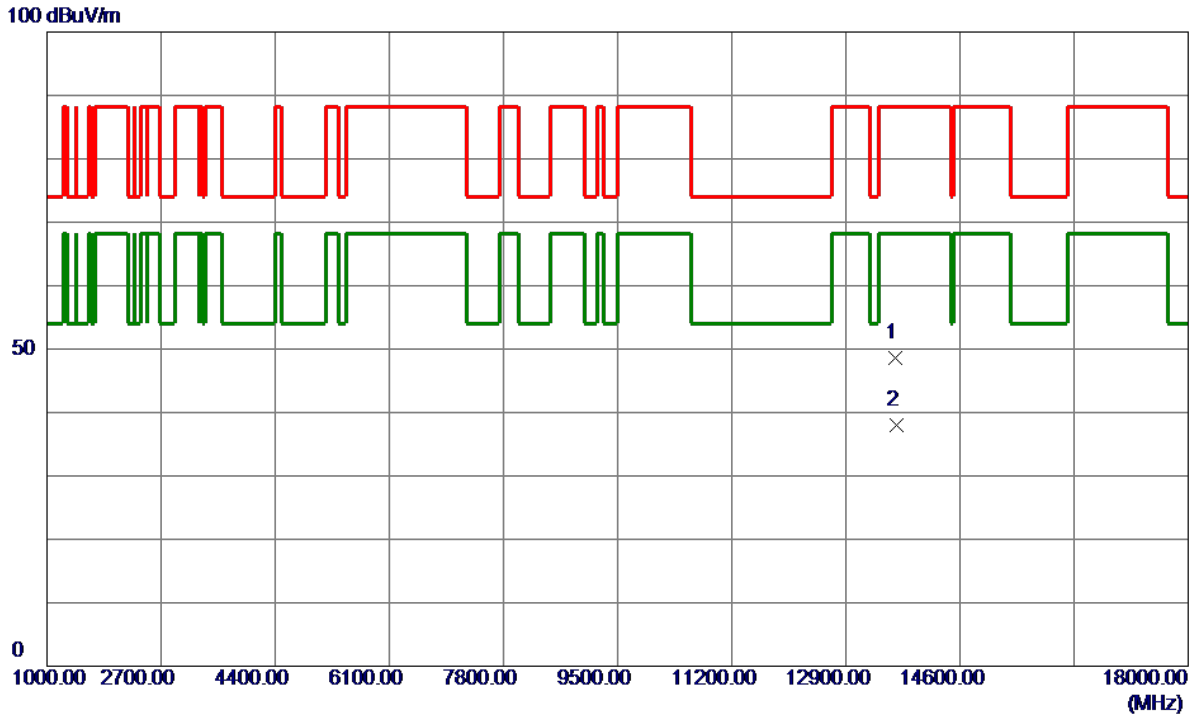
| Test Mode | UNII-7_TX AX160 Mode 6665 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 13329.8700 | 27.86 | 10.49 | 38.35 | 54.00 | -15.65 | AVG | |
| 2 | 13330.6400 | 37.71 | 10.49 | 48.20 | 74.00 | -25.80 | Peak | |

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

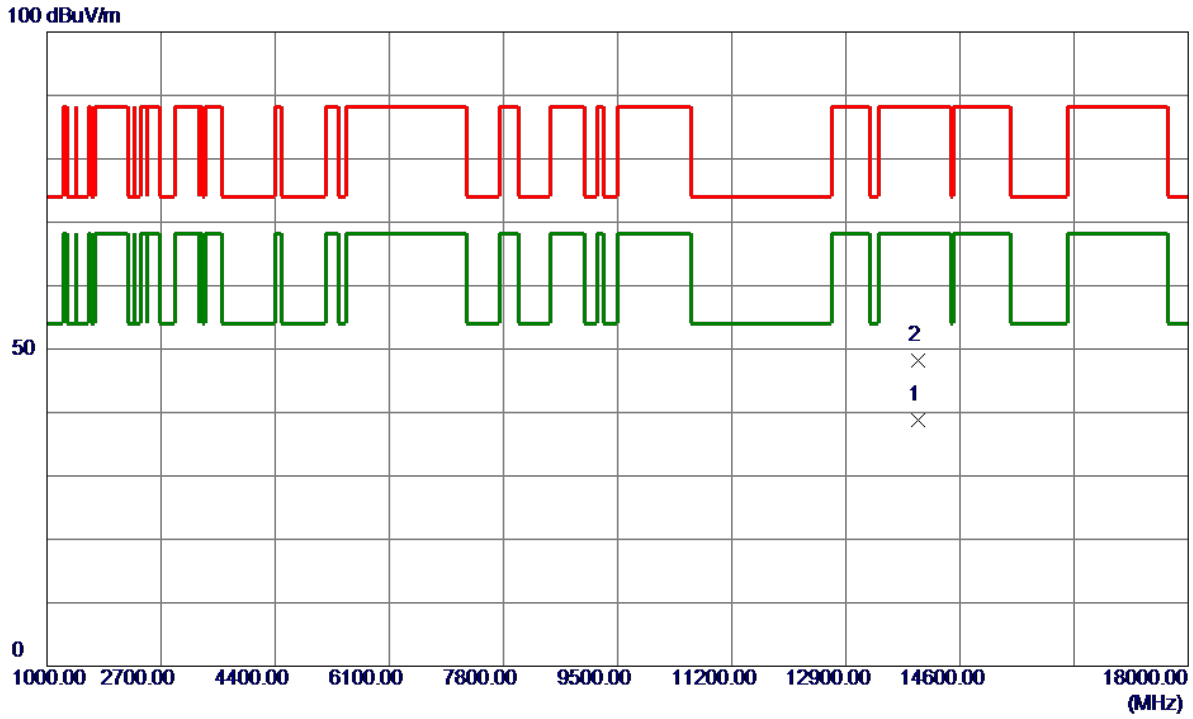
| Test Mode | UNII-7_TX AX160 Mode 6825 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 13643.9000 | 38.17 | 10.36 | 48.53 | 88.20 | -39.67 | Peak | |
| 2 * | 13651.0900 | 27.55 | 10.36 | 37.91 | 68.20 | -30.29 | AVG | |

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

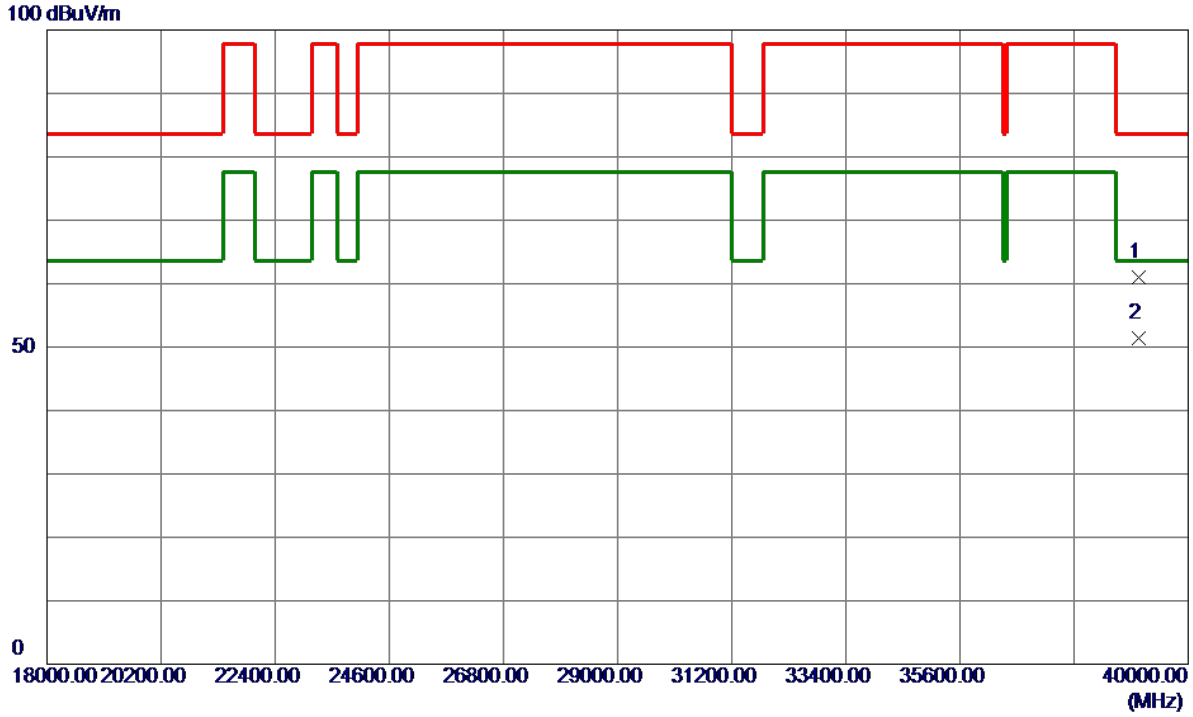
| Test Mode | UNII-8_TX AX160 Mode 6985 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 13969.3700 | 28.57 | 10.29 | 38.86 | 68.20 | -29.34 | AVG | |
| 2 | 13979.7600 | 37.86 | 10.28 | 48.14 | 88.20 | -40.06 | Peak | |

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

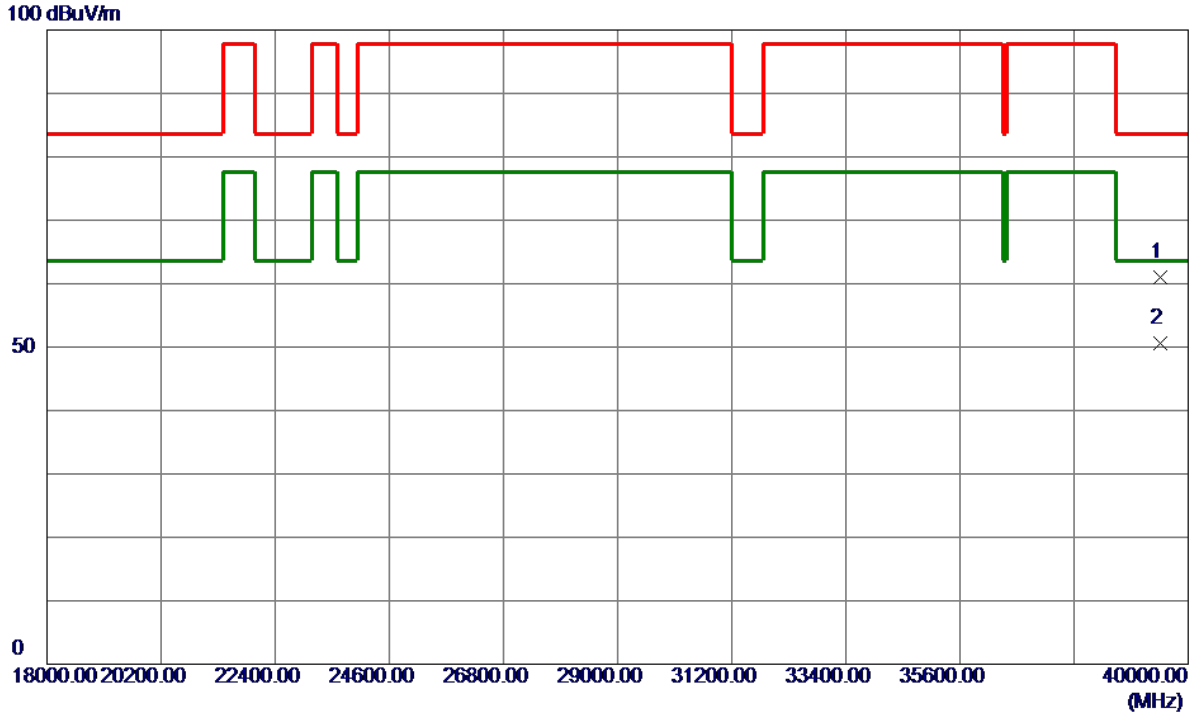
| Test Mode | UNII-8_TX AX160 Mode 6985 MHz | Polarization | Vertical |
|---|---|---|---|




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 39043.0000 | 50.69 | 10.29 | 60.98 | 83.50 | -22.52 | Peak | |
| 2 * | 39043.0000 | 41.20 | 10.29 | 51.49 | 63.50 | -12.01 | AVG | |

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

| Test Mode | UNII-8_TX AX160 Mode 6985 MHz | Polarization | Horizontal |
|---|---|---|---|



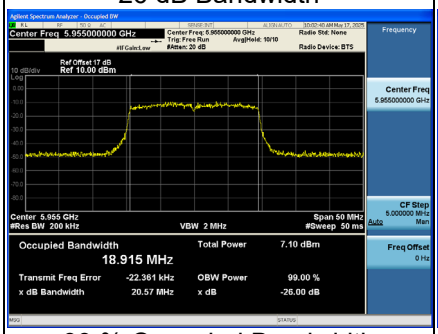
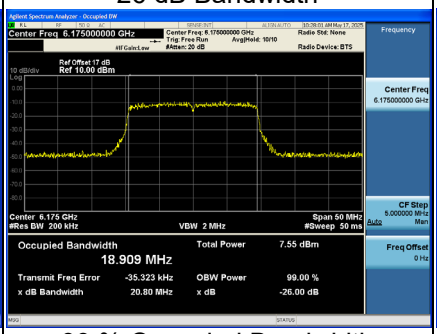
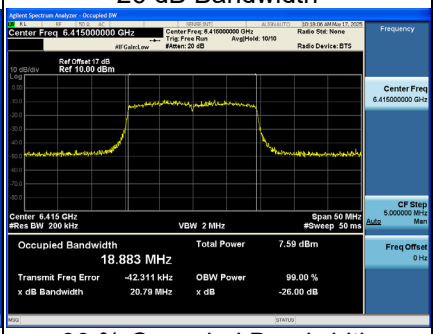
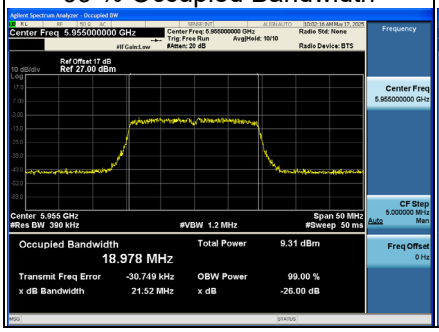
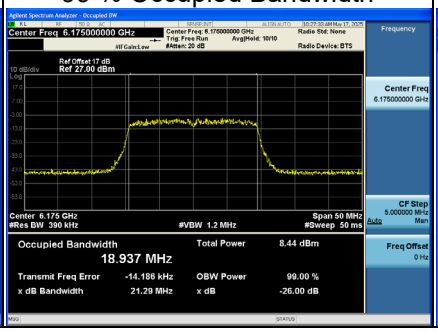
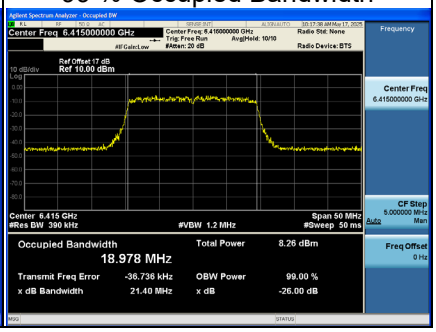

| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 39472.0000 | 50.73 | 10.36 | 61.09 | 83.50 | -22.41 | Peak | |
| 2 * | 39472.0000 | 40.20 | 10.36 | 50.56 | 63.50 | -12.94 | AVG | |

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

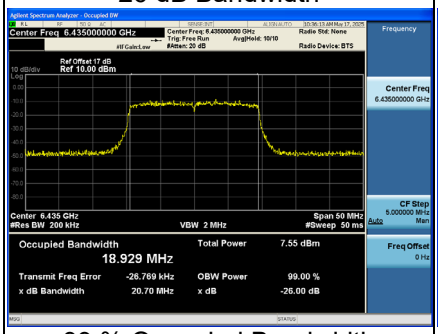
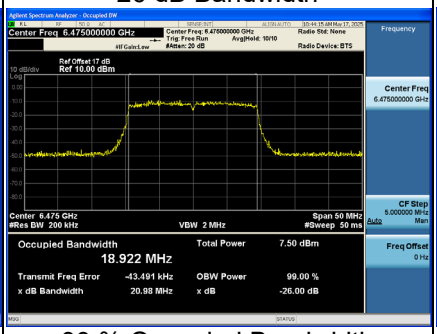
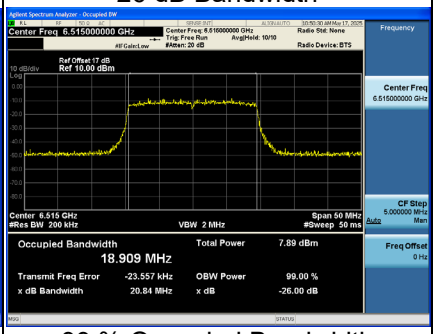
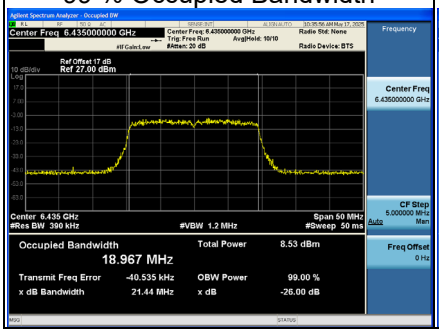
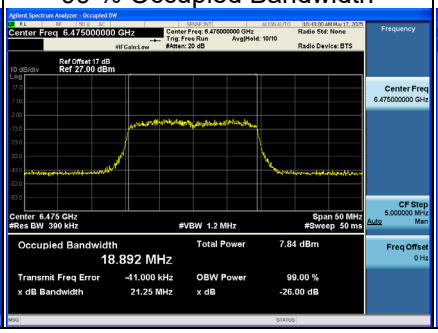
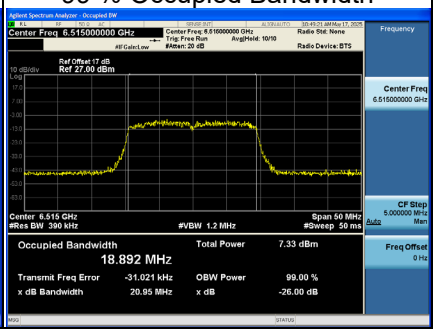
# APPENDIX E - BANDWIDTH

| Test Mode | IEEE 802.11ax(HE20)_Ant_1 |
|---|---|

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) | 99 % Occupied Bandwidth (MHz) | Limit (MHz) | Result |
|---|---|---|---|---|
| 5955 | 20.57 | 18.98 | 320 | Pass |
| 6175 | 20.80 | 18.94 | 320 | Pass |
| 6415 | 20.79 | 18.98 | 320 | Pass |

| 5955 | 6175 | 6415 |
|---|---|---|
| 26 dB Bandwidth | 26 dB Bandwidth | 26 dB Bandwidth |
|  |  |  |
| 99 % Occupied Bandwidth | 99 % Occupied Bandwidth | 99 % Occupied Bandwidth |
|  |  |  |

| Test Frequency (MHz) | 26 dB Bandwidth (MHz) | 99 % Occupied Bandwidth (MHz) | Limit (MHz) | Result |
|---|---|---|---|---|
| 6435 | 20.70 | 18.97 | 320 | Pass |
| 6475 | 20.98 | 18.89 | 320 | Pass |
| 6515 | 20.84 | 18.89 | 320 | Pass |

| 6435 | 6475 | 6515 |
|---|---|---|
| 26 dB Bandwidth | 26 dB Bandwidth | 26 dB Bandwidth |
|  |  |  |
| 99 % Occupied Bandwidth | 99 % Occupied Bandwidth | 99 % Occupied Bandwidth |
|  |  |  |