# FCC Radio Test Report

## FCC ID: TE7T2UPLUS

**This report concerns: Original Grant**

| | | |
|---|---|---|
| **Project No.** | : | 1812C004 |
| **Equipment** | : | AC600 High Gain Wireless Dual Band USB Adapter |
| **Test Model** | : | Archer T2U Plus |
| **Series Model** | : | N/A |
| **Applicant** | : | TP-Link Technologies Co., Ltd. |
| **Address** | : | Building 24 (floors 1,3,4,5) and 28 (floors1-4), Central Science and Technology Park,Nanshan Shenzhen, 518057 China |
| **Date of Receipt** | : | Dec. 04, 2018 |
| **Date of Test** | : | Dec. 05, 2018 ~ Feb. 28, 2019 |
| **Issued Date** | : | Mar. 13, 2019 |
| **Tested by** | : | BTL Inc. |

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Certificate #5123.02

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**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).

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**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.

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## REPORT ISSUED HISTORY

| Report Version | Description | Issued Date |
|---|---|---|
| R00 | Original Issue. | Mar. 13, 2019 |

## 1. GENERAL SUMMARY

| | | |
|---|---|---|
| Equipment | : | AC600 High Gain Wireless Dual Band USB Adapter |
| Brand Name | : | tp-link |
| Test Model | : | Archer T2U Plus |
| Series Model | : | N/A |
| Applicant | : | TP-Link Technologies Co., Ltd. |
| Manufacturer | : | TP-Link Technologies Co., Ltd. |
| Address | : | Building 24 (floors 1,3,4,5) and 28 (floors1-4), Central Science and Technology Park,Nanshan Shenzhen, 518057 China |
| Date of Test | : | Dec. 05, 2018 ~ Feb. 28, 2019 |
| Test Sample | : | Engineering Sample No.: D181211067 for conducted, D181211064 for radiated. |
| Standard(s) | : | FCC Part15, Subpart E(15.407)<br>ANSI C63.10-2013 |

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc..
The test data, data evaluation, and equipment configuration contained in our test report (Ref No. BTL-FCCP-2-1812C004) were obtained utilizing the test procedures, test instruments, test sites that has been accredited by the Authority of A2LA according to the ISO/IEC 17025 quality assessment standard and technical standard(s).

**Test results included in this report are only for the UNII-1, UNII-2A, UNII-2C and UNII-3 part.**

## 2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

| Applied Standard(s): FCC Part15, Subpart E(15.407) | | | | |
|---|---|---|---|---|
| **Standard(s) Section** | **Test Item** | **Test Result** | **Judgement** | **Remark** |
| 15.207<br>15.407(b) | AC Power Line Conducted Emissions | APPENDIX A | PASS | ------ |
| 15.205<br>15.209(a)<br>15.407(b) | Radiated Emissions | APPENDIX B<br>APPENDIX C<br>APPENDIX D | PASS | ------ |
| 15.407(a)<br>15.407(e) | Spectrum Bandwidth | APPENDIX E | PASS | ------ |
| 15.407(a) | Maximum Conducted Output Power | APPENDIX F | PASS | ------ |
| 15.407(a) | Power Spectral Density | APPENDIX G | PASS | ------ |
| 15.407(g) | Frequency Stability | APPENDIX H | PASS | ------ |
| 15.203 | Antenna Requirements | ------ | PASS | ------ |
| 15.407(c) | Automatically Discontinue Transmission | ------ | PASS | **NOTE (2)** |

Note:

(1) "N/A" denotes test is not applicable in this test report.

(2) During no any information transmission, the EUT can automatically discontinue transmission and become standby mode for power saving. the EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

(3) For UNII-1 this device was functioned as a

☐ Access point device ☒ Client device

## 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, Shixia, Dalang Town, Dongguan, Guangdong, China.
BTL's Test Firm Registration Number for FCC: 357015
BTL's Designation Number for FCC: CN1240

## 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% 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 | 150 KHz ~ 30 MHz | 2.32 |

B. Radiated emissions test:

| Test Site | Method | Measurement Frequency Range | Ant. H / V | U, (dB) |
|---|---|---|---|---|
| DG-CB03 | CISPR | 9 kHz~30 MHz | V | 3.79 |
| | | 9 kHz~30 MHz | H | 3.57 |
| | | 30 MHz~200 MHz | V | 3.82 |
| | | 30 MHz~200 MHz | H | 3.60 |
| | | 200 MHz~1,000 MHz | V | 3.86 |
| | | 200 MHz~1,000 MHz | H | 3.94 |
| | | 1 GHz~18 GHz | V | 3.12 |
| | | 1 GHz~18 GHz | H | 3.68 |
| | | 18 GHz~40 GHz | V | 4.15 |
| | | 18 GHz~40 GHz | H | 4.14 |

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

# 3. GENERAL INFORMATION

## 3.1 GENERAL DESCRIPTION OF EUT

| | |
|---|---|
| Equipment | AC600 High Gain Wireless Dual Band USB Adapter |
| Brand Name | tp-link |
| Test Model | Archer T2U Plus |
| Series Model | N/A |
| Model Difference(s) | N/A |
| Power Source | Supplied from USB port. |
| Power Rating | DC 5V |
| Operation Frequency | UNII-1: 5150 MHz~5250 MHz<br>UNII-2A: 5250 MHz~5350 MHz<br>UNII-2C: 5470 MHz~5725 MHz<br>UNII-3: 5725 MHz~5850 MHz |
| Modulation Type | OFDM |
| Bit Rate of Transmitter | Up to 433.3 Mbps |
| Maximum Conducted Output Power for UNII-1 | IEEE 802.11a: 16.64 dBm (0.0461 W)<br>IEEE 802.11n (HT20): 16.64 dBm (0.0461 W)<br>IEEE 802.11n (HT40): 16.71 dBm (0.0469 W)<br>IEEE 802.11ac (VHT20): 16.33 dBm (0.0430 W)<br>IEEE 802.11ac (VHT40): 16.74 dBm (0.0472 W)<br>IEEE 802.11ac (VHT80): 15.31 dBm (0.0340 W) |
| Maximum Conducted Output Power for UNII-2A | IEEE 802.11a: 16.88 dBm (0.0488 W)<br>IEEE 802.11n (HT20): 16.82 dBm (0.0481 W)<br>IEEE 802.11n (HT40): 16.88 dBm (0.0488 W)<br>IEEE 802.11ac (VHT20):16.77 dBm (0.0475 W)<br>IEEE 802.11ac (VHT40): 16.62 dBm (0.0459 W)<br>IEEE 802.11ac (VHT80): 15.25 dBm (0.0335 W) |
| Maximum Conducted Output Power for UNII-2C | IEEE 802.11a: 17.36 dBm (0.0545 W)<br>IEEE 802.11n (HT20): 17.17 dBm (0.0521 W)<br>IEEE 802.11n (HT40): 17.44 dBm (0.0555 W)<br>IEEE 802.11ac (VHT20): 17.47 dBm (0.0558 W)<br>IEEE 802.11ac (VHT40): 17.33 dBm (0.0541 W)<br>IEEE 802.11ac (VHT80): 17.35 dBm (0.0543 W) |
| Maximum Conducted Output Power for UNII-3 | IEEE 802.11a: 17.88 dBm (0.0614 W)<br>IEEE 802.11n (HT20): 17.84 dBm (0.0608 W)<br>IEEE 802.11n (HT40): 17.86 dBm (0.0611 W)<br>IEEE 802.11ac (VHT20): 17.81 dBm (0.0604 W)<br>IEEE 802.11ac (VHT40): 17.86 dBm (0.0611 W)<br>IEEE 802.11ac (VHT80): 17.79 dBm (0.0601 W) |

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.

2. Channel List:

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

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

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

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

3. Antenna Specification:

| Ant. | Brand | Model Name | Antenna Type | Connector | Gain (dBi) |
|---|---|---|---|---|---|
| 1 | TP-LINK | 3101502256 | Dipole | I-PEX | 4.45 |

## 3.2 TEST MODES

The test system was pre-tested based on the consideration of all possible combinations of EUT operation mode.

| Pretest Mode | Description |
|---|---|
| Mode 1 | TX A Mode / CH36, CH40, CH48 (UNII-1) |
| Mode 2 | TX N (HT20) Mode / CH36, CH40, CH48 (UNII-1) |
| Mode 3 | TX N (HT40) Mode / CH38, CH46 (UNII-1) |
| Mode 4 | TX AC (VHT20) Mode / CH36, CH40, CH48 (UNII-1) |
| Mode 5 | TX AC (VHT40) Mode / CH38, CH46 (UNII-1) |
| Mode 6 | TX AC (VHT80) Mode / CH42 (UNII-1) |
| Mode 7 | TX A Mode / CH52, CH60, CH64 (UNII-2A) |
| Mode 8 | TX N (HT20) Mode / CH52, CH60, CH64 (UNII-2A) |
| Mode 9 | TX N (HT40) Mode / CH54, CH62 (UNII-2A) |
| Mode 10 | TX AC (VHT20) Mode / CH52, CH60, CH64 (UNII-2A) |
| Mode 11 | TX AC (VHT40) Mode / CH54, CH62 (UNII-2A) |
| Mode 12 | TX AC (VHT80) Mode / CH58 (UNII-2A) |
| Mode 13 | TX A Mode / CH100, CH116, CH140 (UNII-2C) |
| Mode 14 | TX N (HT20) Mode / CH100, CH116, CH140 (UNII-2C) |
| Mode 15 | TX N (HT40) Mode / CH102, CH110, CH134 (UNII-2C) |
| Mode 16 | TX AC (VHT20) Mode / CH100, CH116, CH140 (UNII-2C) |
| Mode 17 | TX AC (VHT40) Mode / CH102, CH110, CH134 (UNII-2C) |
| Mode 18 | TX AC (VHT80) Mode / CH106, CH122 (UNII-2C) |
| Mode 19 | TX A Mode / CH149,CH157,CH165 (UNII-3) |
| Mode 20 | TX N (HT20) Mode / CH149,CH157,CH165 (UNII-3) |
| Mode 21 | TX N (HT40) Mode / CH151,CH159 (UNII-3) |
| Mode 22 | TX AC (VHT20) Mode / CH149,CH157,CH165 (UNII-3) |
| Mode 23 | TX AC (VHT40) Mode / CH151,CH159 (UNII-3) |
| Mode 24 | TX AC (VHT80) Mode / CH155 (UNII-3) |
| Mode 25 | TX A Mode / CH165 (UNII-3) |

Following mode(s) as (were) found to be the worst case(s) and selected for the final test.

| **AC power line conducted emissions test** | |
|---|---|
| Final Test Mode | Description |
| Mode 25 | TX A Mode / CH165 (UNII-3) |

| Radiated emissions test | |
|---|---|
| Final Test Mode | Description |
| Mode 1 | TX A Mode / CH36, CH40, CH48 (UNII-1) |
| Mode 2 | TX N (HT20) Mode / CH36, CH40, CH48 (UNII-1) |
| Mode 3 | TX N (HT40) Mode / CH38, CH46 (UNII-1) |
| Mode 4 | TX AC (VHT20) Mode / CH36, CH40, CH48 (UNII-1) |
| Mode 5 | TX AC (VHT40) Mode / CH38, CH46 (UNII-1) |
| Mode 6 | TX AC (VHT80) Mode / CH42 (UNII-1) |
| Mode 7 | TX A Mode / CH52, CH60, CH64 (UNII-2A) |
| Mode 8 | TX N (HT20) Mode / CH52, CH60, CH64 (UNII-2A) |
| Mode 9 | TX N (HT40) Mode / CH54, CH62 (UNII-2A) |
| Mode 10 | TX AC (VHT20) Mode / CH52, CH60, CH64 (UNII-2A) |
| Mode 11 | TX AC (VHT40) Mode / CH54, CH62 (UNII-2A) |
| Mode 12 | TX AC (VHT80) Mode / CH58 (UNII-2A) |
| Mode 13 | TX A Mode / CH100, CH116, CH140 (UNII-2C) |
| Mode 14 | TX N (HT20) Mode / CH100, CH116, CH140 (UNII-2C) |
| Mode 15 | TX N (HT40) Mode / CH102, CH110, CH134 (UNII-2C) |
| Mode 16 | TX AC (VHT20) Mode / CH100, CH116, CH140 (UNII-2C) |
| Mode 17 | TX AC (VHT40) Mode / CH102, CH110, CH134 (UNII-2C) |
| Mode 18 | TX AC (VHT80) Mode / CH106, CH122 (UNII-2C) |
| Mode 19 | TX A Mode / CH149,CH157,CH165 (UNII-3) |
| Mode 20 | TX N (HT20) Mode / CH149,CH157,CH165 (UNII-3) |
| Mode 21 | TX N (HT40) Mode / CH151,CH159 (UNII-3) |
| Mode 22 | TX AC (VHT20) Mode / CH149,CH157,CH165 (UNII-3) |
| Mode 23 | TX AC (VHT40) Mode / CH151,CH159 (UNII-3) |
| Mode 24 | TX AC (VHT80) Mode / CH155 (UNII-3) |

| Conducted test | |
|---|---|
| Test Mode | Description |
| Mode 1 | TX A Mode / CH36, CH40, CH48 (UNII-1) |
| Mode 2 | TX N (HT20) Mode / CH36, CH40, CH48 (UNII-1) |
| Mode 3 | TX N (HT40) Mode / CH38, CH46 (UNII-1) |
| Mode 4 | TX AC (VHT20) Mode / CH36, CH40, CH48 (UNII-1) |
| Mode 5 | TX AC (VHT40) Mode / CH38, CH46 (UNII-1) |
| Mode 6 | TX AC (VHT80) Mode / CH42 (UNII-1) |
| Mode 7 | TX A Mode / CH52, CH60, CH64 (UNII-2A) |
| Mode 8 | TX N (HT20) Mode / CH52, CH60, CH64 (UNII-2A) |
| Mode 9 | TX N (HT40) Mode / CH54, CH62 (UNII-2A) |
| Mode 10 | TX AC (VHT20) Mode / CH52, CH60, CH64 (UNII-2A) |
| Mode 11 | TX AC (VHT40) Mode / CH54, CH62 (UNII-2A) |
| Mode 12 | TX AC (VHT80) Mode / CH58 (UNII-2A) |
| Mode 13 | TX A Mode / CH100, CH116, CH140 (UNII-2C) |
| Mode 14 | TX N (HT20) Mode / CH100, CH116, CH140 (UNII-2C) |
| Mode 15 | TX N (HT40) Mode / CH102, CH110, CH134 (UNII-2C) |
| Mode 16 | TX AC (VHT20) Mode / CH100, CH116, CH140 (UNII-2C) |
| Mode 17 | TX AC (VHT40) Mode / CH102, CH110, CH134 (UNII-2C) |
| Mode 18 | TX AC (VHT80) Mode / CH106, CH122 (UNII-2C) |
| Mode 19 | TX A Mode / CH149,CH157,CH165 (UNII-3) |
| Mode 20 | TX N (HT20) Mode / CH149,CH157,CH165 (UNII-3) |
| Mode 21 | TX N (HT40) Mode / CH151,CH159 (UNII-3) |
| Mode 22 | TX AC (VHT20) Mode / CH149,CH157,CH165 (UNII-3) |
| Mode 23 | TX AC (VHT40) Mode / CH151,CH159 (UNII-3) |
| Mode 24 | TX AC (VHT80) Mode / CH155 (UNII-3) |

Note：

(1) For radiated emission below 1 GHz test, the IEEE 802.11ac(VHT80) is found to be the worst case and recorded.

(2) For radiated emission above 1 GHz test, 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.

## 3.3 PARAMETERS OF TEST SOFTWARE

| UNII-1 | | | |
|---|---|---|---|
| Test Software Version | REALTEK 11ac 8821AU USB WLAN v42.17 | | |
| Test Frequency (MHz) | 5180 | 5200 | 5240 |
| IEEE 802.11a | 35 | 33 | 36 |
| IEEE 802.11n (HT20) | 35 | 35 | 35 |
| IEEE 802.11ac (VHT20) | 35 | 35 | 36 |
| Test Frequency (MHz) | 5190 | 5230 | |
| IEEE 802.11n (HT40) | 36 | 35 | |
| IEEE 802.11ac (VHT40) | 35 | 35 | |
| Test Frequency (MHz) | 5210 | | |
| IEEE 802.11ac (VHT80) | 33 | | |

| UNII-2A | | | |
|---|---|---|---|
| Test Software Version | REALTEK 11ac 8821AU USB WLAN v42.17 | | |
| Test Frequency (MHz) | 5260 | 5300 | 5320 |
| IEEE 802.11a | 33 | 32 | 32 |
| IEEE 802.11n (HT20) | 33 | 32 | 32 |
| IEEE 802.11ac (VHT20) | 33 | 32 | 32 |
| Test Frequency (MHz) | 5270 | 5310 | |
| IEEE 802.11n (HT40) | 35 | 33 | |
| IEEE 802.11ac (VHT40) | 35 | 34 | |
| Test Frequency (MHz) | 5290 | | |
| IEEE 802.11ac (VHT80) | 32 | | |

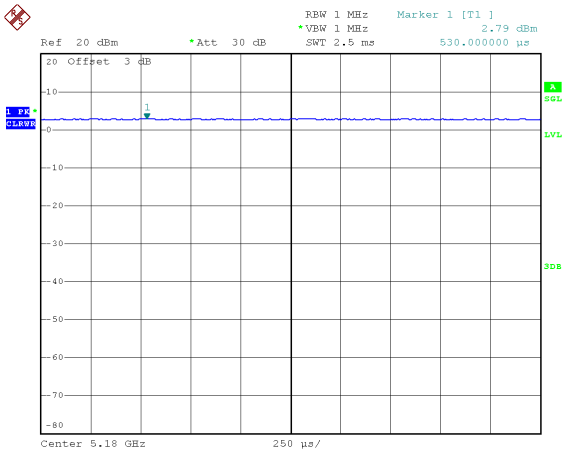
| UNII-2C | | | |
|---|---|---|---|
| Test Software Version | REALTEK 11ac 8821AU USB WLAN v42.17 | | |
| Test Frequency (MHz) | 5500 | 5580 | 5700 |
| IEEE 802.11a | 35 | 32 | 30 |
| IEEE 802.11n (HT20) | 37 | 33 | 30 |
| IEEE 802.11ac (VHT20) | 35 | 32 | 30 |
| Test Frequency (MHz) | 5510 | 5550 | 5670 |
| IEEE 802.11n (HT40) | 37 | 35 | 32 |
| IEEE 802.11ac (VHT40) | 37 | 36 | 33 |
| Test Frequency (MHz) | 5530 | 5610 | |
| IEEE 802.11ac (VHT80) | 36 | 36 | |

| UNII-3 | | | |
|---|---|---|---|
| Test Software Version | REALTEK 11ac 8821AU USB WLAN v42.17 | | |
| Test Frequency (MHz) | 5745 | 5785 | 5825 |
| IEEE 802.11a | 32 | 32 | 32 |
| IEEE 802.11n (HT20) | 33 | 33 | 33 |
| IEEE 802.11ac (VHT20) | 33 | 33 | 33 |
| Test Frequency (MHz) | 5755 | 5795 | |
| IEEE 802.11n (HT40) | 34 | 34 | |
| IEEE 802.11ac (VHT40) | 34 | 35 | |
| Test Frequency (MHz) | 5775 | | |
| IEEE 802.11ac (VHT80) | 37 | | |

## 3.4 DUTY CYCLE

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

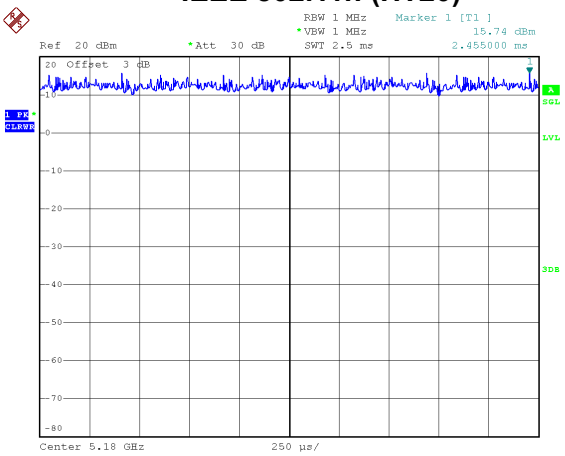
### IEEE 802.11a




Date: 7.DEC.2018 18:24:26

Duty cycle = 2.500 ms / 2.500 ms = 100%
Duty Factor = 10 * log(1 / 100%) = 0.00 dB

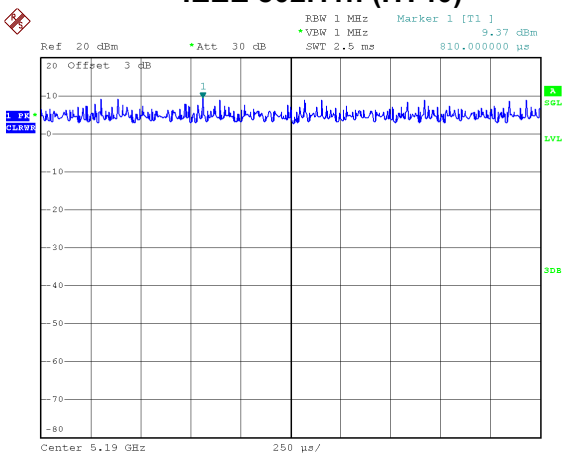
### IEEE 802.11n (HT20)




Date: 7.DEC.2018 18:25:05

Duty cycle = 2.500 ms / 2.500 ms = 100%
Duty Factor = 10 * log(1 / 100%) = 0.00 dB

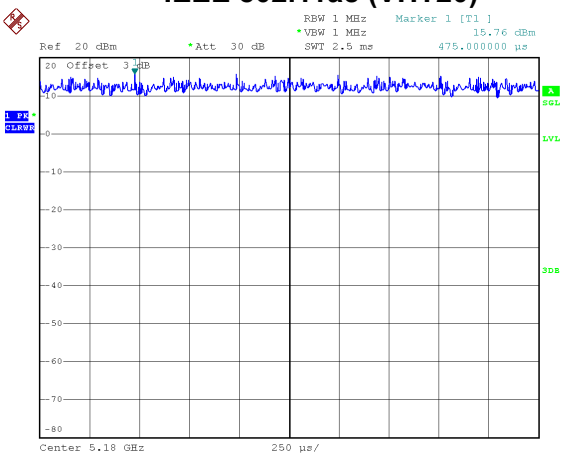
### IEEE 802.11n (HT40)




Date: 7.DEC.2018 18:25:47

Duty cycle = 2.500 ms / 2.500 ms = 100%
Duty Factor = 10 * log(1 / 100%) = 0.00 dB

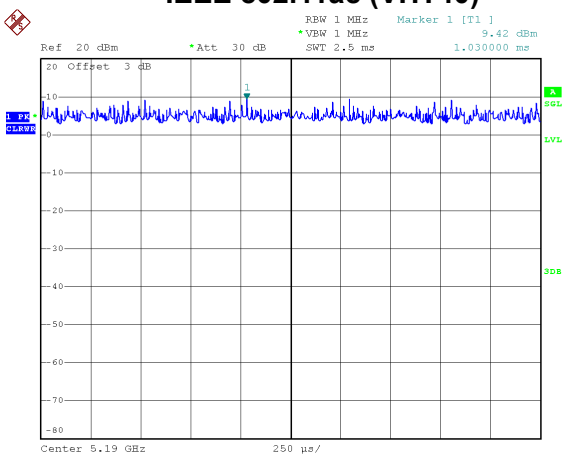
### IEEE 802.11ac (VHT20)




Date: 7.DEC.2018 18:25:28

Duty cycle = 2.500 ms / 2.500 ms = 100%
Duty Factor = 10 * log(1 / 100%) = 0.00 dB

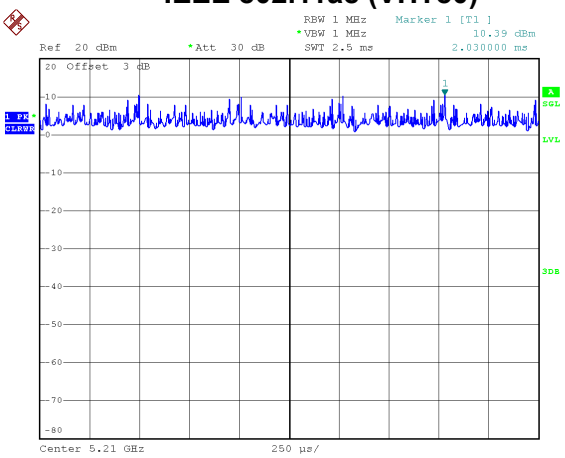
## IEEE 802.11ac (VHT40)




Date: 7.DEC.2018 18:26:04

Duty cycle = 2.500 ms / 2.500 ms = 100%
Duty Factor = 10 * log(1 / 100%) = 0.00 dB

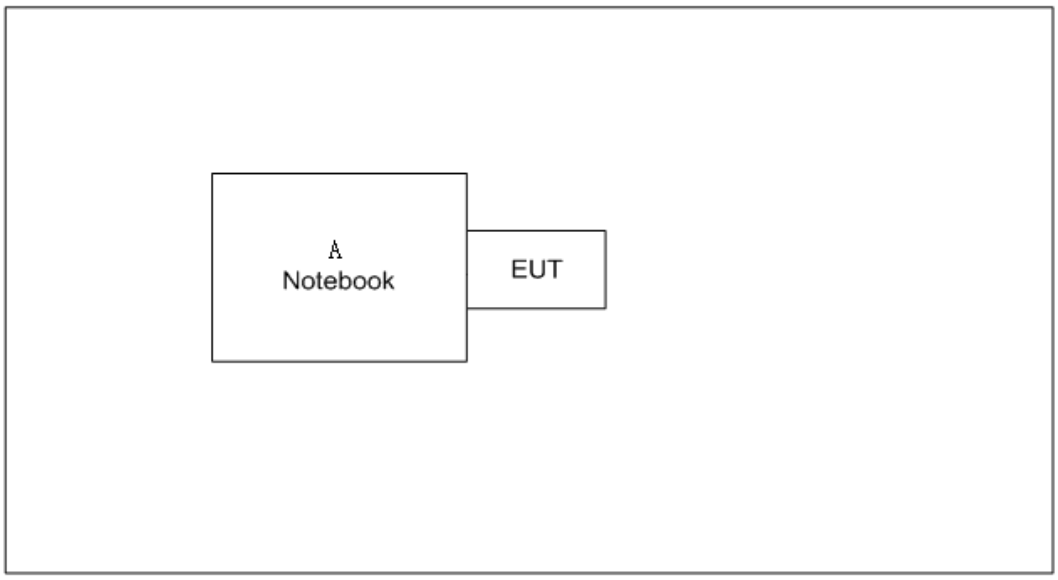
## IEEE 802.11ac (VHT80)




Date: 7.DEC.2018 18:26:21

Duty cycle = 2.500 ms / 2.500 ms = 100%
Duty Factor = 10 * log(1 / 100%) = 0.00 dB

## 3.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED




## 3.6 SUPPORT UNITS

| Item | Equipment | Mfr/Brand | Model/Type No. | Series No. |
|---|---|---|---|---|
| A | Notebook | Lenovo | V310-14ISK | LR07GZNB |

| Item | Shielded Type | Ferrite Core | Length | Note |
|---|---|---|---|---|
| - | - | - | - | - |

## 4. AC POWER LINE CONDUCTED EMISSIONS TEST

### 4.1 LIMIT

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

NOTE:
(1) The tighter limit applies at the band edges.
(2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.
(3) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor (if use)
Margin Level = Measurement Value – Limit Value
Sample calculations: (Refer to page 41, test result No.1.)

| Reading Level | | Correct Factor | | Measurement Value |
|---|---|---|---|---|
| 35.24 | + | 9.82 | = | 45.06 |

| Measurement Value | | Limit Value | | Margin Level |
|---|---|---|---|---|
| 45.06 | - | 62.41 | = | -17.35 |

The following table is the setting of the receiver

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

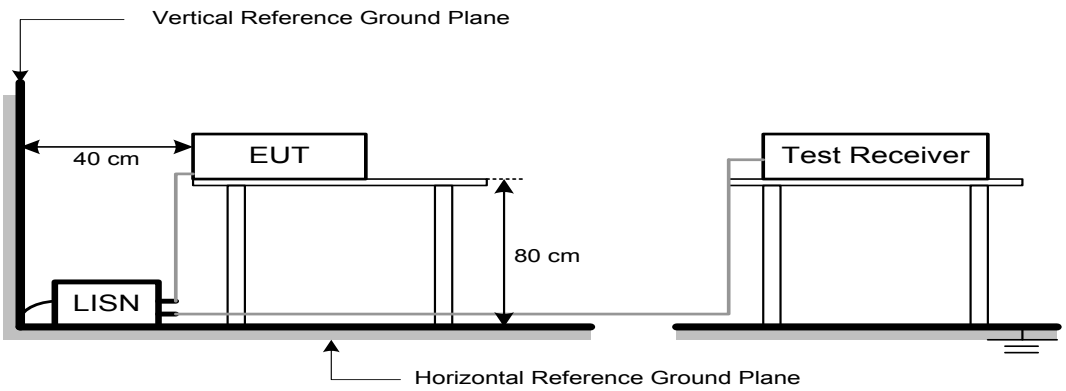
### 4.2 TEST PROCEDURE

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.

### 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 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 53% Test Voltage: AC 120V/60Hz

## 4.7 TEST RESULTS

Please refer to the APPENDIX A.

## 5. RADIATED EMISSIONS TEST

### 5.1 LIMIT

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)

| 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

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

NOTE:

(1) The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength: $E = \frac{1000000\sqrt{30P}}{3}$ μV/m, where P is the eirp (Watts)

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

(3) The test result calculated as following:
Measurement Value = Reading Level + Correct Factor
Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor (if use)
Margin Level = Measurement Value – Limit Value
Sample calculations: (Refer to page 44, test result No.1.)

| Reading Level | | Correct Factor | | Measurement Value |
|---|---|---|---|---|
| 35.30 | + | 20.43 | = | 55.73 |

| Measurement Value | | Limit Value | | Margin Level |
|---|---|---|---|---|
| 55.73 | - | 122.94 | = | -67.21 |

## 5.2 TEST PROCEDURE

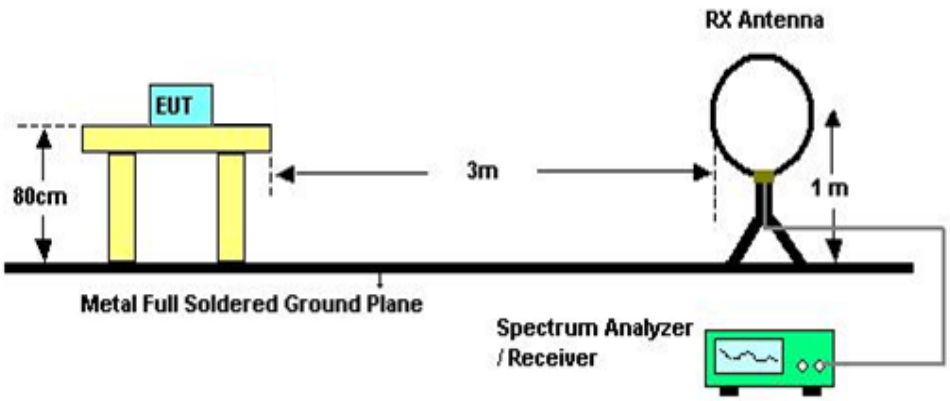
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8m 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. (below 1 GHz)
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.

## 5.3 DEVIATION FROM TEST STANDARD

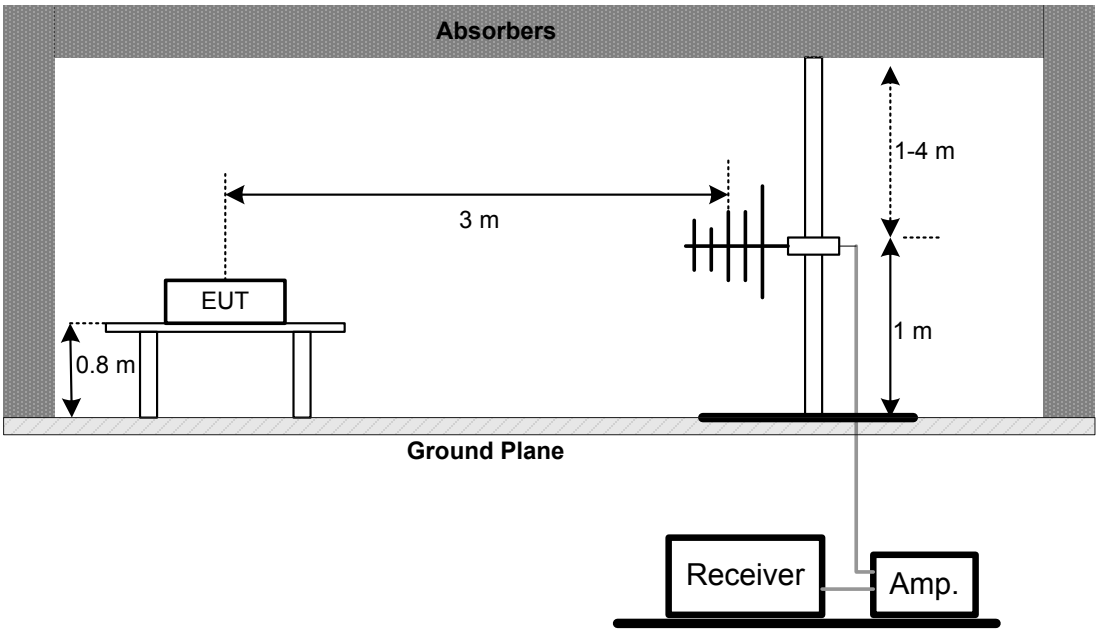
No deviation

## 5.4 TEST SETUP

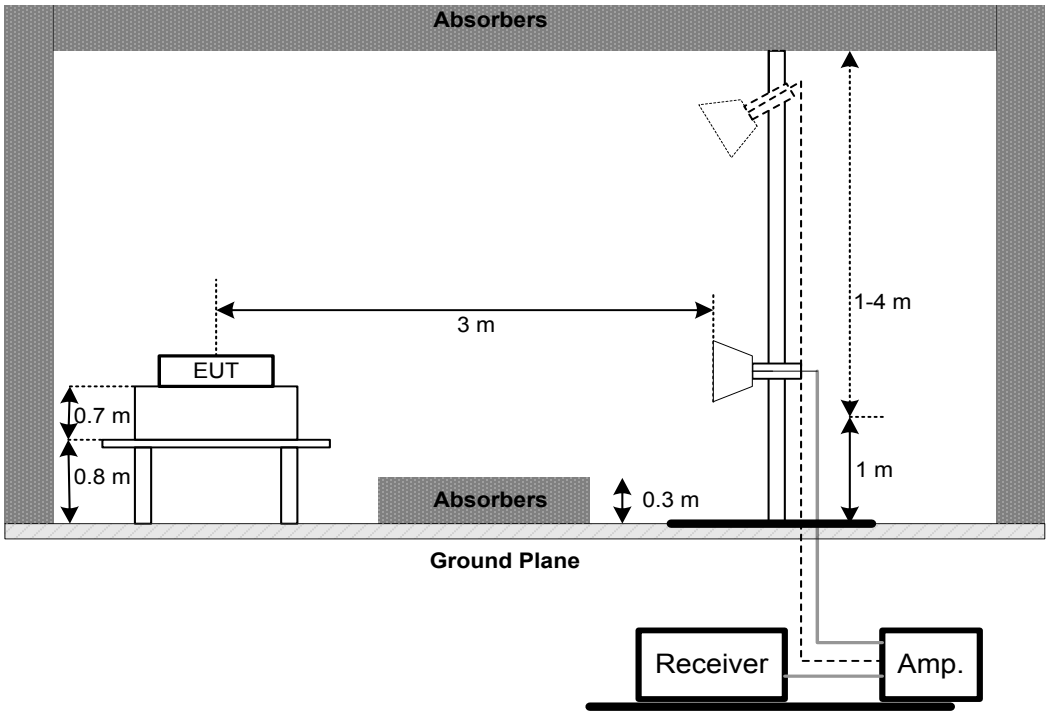
**9 kHz to 30 MHz**



**30 MHz to 1 GHz**




**Above 1 GHz**



## 5.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 4.5 unless otherwise a special operating condition is specified in the follows during the testing.

## 5.6 EUT TEST CONDITIONS

Temperature: 25°C Relative Humidity: 60% Test Voltage: DC 5V

## 5.7 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.

## 5.8 TEST RESULTS - 30 MHz TO 1000 MHz

Please refer to the APPENDIX C.

## 5.9 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 TEST

## 6.1 LIMIT

| FCC Part15, Subpart E (15.407) | | | |
|---|---|---|---|
| Section | Test Item | Limit | Frequency Range (MHz) |
| 15.407(a)<br>15.407(e) | 26 dB Bandwidth | - | 5150-5250 |
| | 26 dB Bandwidth | - | 5250-5350 |
| | 26 dB Bandwidth | - | 5470-5725 |
| | 6 dB Bandwidth | Minimum 500 kHz | 5725-5850 |

## 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. a. Spectrum Setting:
For UNII-1, UNII-2A, UNII-2C:

| Spectrum Parameter | Setting |
|---|---|
| Attenuation | Auto |
| Span Frequency | > 26 dB Bandwidth |
| RBW | 300 kHz (Bandwidth 20 MHz)<br>1 MHz (Bandwidth 40 MHz and 80 MHz) |
| VBW | 1 MHz (Bandwidth 20 MHz)<br>3 MHz (Bandwidth 40 MHz and 80 MHz) |
| Detector | Peak |
| Trace | Max Hold |
| Sweep Time | Auto |

For UNII-3:

| Spectrum Parameter | Setting |
|---|---|
| Attenuation | Auto |
| Span Frequency | 6 dB Bandwidth |
| RBW | 100 kHz |
| VBW | 300 kHz |
| Detector | Peak |
| Trace | Max Hold |
| Sweep Time | Auto |

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

## 6.3 TEST PROCEDURE

No deviation.

## 6.4 TEST SETUP


## 6.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

## 6.6 EUT TEST CONDITIONS

Temperature: 24°C Relative Humidity: 33% Test Voltage: DC 5V

## 6.7 TEST RESULTS

Please refer to the APPENDIX E.

# 7. MAXIMUM CONDUCTED OUTPUT POWER TEST

## 7.1 LIMIT

| FCC Part15, Subpart E (15.407) | | | |
|---|---|---|---|
| Section | Test Item | Limit | Frequency Range (MHz) |
| 15.407(a) | Conducted Output Power | AP device: 1 Watt (30 dBm) Client device: 250 mW (24 dBm) | 5150-5250 |
| | | 250 mW (24 dBm) | 5250-5350 |
| | | 250 mW (24 dBm) | 5470-5725 |
| | | 1 Watt (30dBm) | 5725-5850 |

Note:

a. For an outdoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi. The maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

b. For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10log B, where B is the 26dB Bandwidth in megahertz.

## 7.2 TEST PROCEDURE

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

b. Used spectrum analyzer band power measurement function.

c. Spectrum Setting

| Spectrum Parameter | Setting |
|---|---|
| Attenuation | Auto |
| Span Frequency | Encompass the entire emissions bandwidth (EBW) of the signal |
| RBW | = 1 MHz. |
| VBW | ≥ 3 MHz. |
| Sweep points | ≥ 2 x span / RBW |
| Detector | RMS |
| Trace | Trace average at least 100 traces in power averaging(rms) mode. |
| Sweep Time | auto |

c. 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 EUT TEST CONDITIONS

Temperature: 24°C Relative Humidity: 33% Test Voltage: DC 5V

## 7.7 TEST RESULTS

Please refer to the APPENDIX F.

# 8. POWER SPECTRAL DENSITY TEST

## 8.1 LIMIT

| FCC Part15, Subpart E (15.407) | | | |
|---|---|---|---|
| Section | Test Item | Limit | Frequency Range (MHz) |
| 15.407(a) | Power Spectral Density | AP device: 17 dBm/MHz<br>Client device: 11 dBm/MHz | 5150-5250 |
| | | 11 dBm/MHz | 5250-5350 |
| | | 11 dBm/MHz | 5470-5725 |
| | | 30 dBm/500 kHz | 5725-5850 |

## 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 |
|---|---|
| Attenuation | Auto |
| 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 |

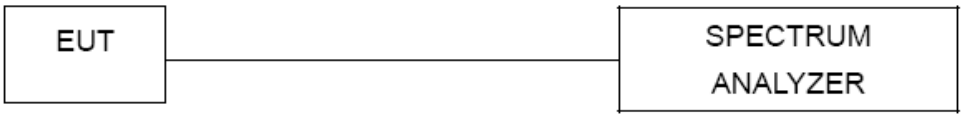
Note:

1. For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v02r01, section II.F.5., it is acceptable to set RBW at 1 MHz and VBW at 3 MHz if the spectrum analyzer does not have 500 kHz RBW.
2. The value measured with RBW=1 MHz is to be added with 10log(500 kHz/1 MHz) which is -3 dB. For example, if the measured value is +10dBm using RBW=1 MHz (that is +10 dBm/MHz), then the converted value will be +7dBm/500kHz.

## 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 UT TEST CONDITIONS

Temperature: 24°C Relative Humidity: 33% Test Voltage: DC 5V

## 8.7 TEST RESULTS

Please refer to the APPENDIX H.

# 9. FREQUENCY STABILITY MEASUREMENT

## 9.1 LIMIT

| FCC Part15, Subpart E (15.407) | | | |
|---|---|---|---|
| Section | Test Item | Limit | Frequency Range (MHz) |
| 15.407(g) | Frequency Stability | Specified in the user's manual | 5150-5250 |
| | | | 5250-5350 |
| | | | 5470-5725 |
| | | | 5725-5850 |

## 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 |
|---|---|
| Attenuation | Auto |
| Span Frequency | Entire absence of modulation emissions bandwidth |
| RBW | 10 kHz |
| VBW | 10 kHz |
| Sweep Time | Auto |

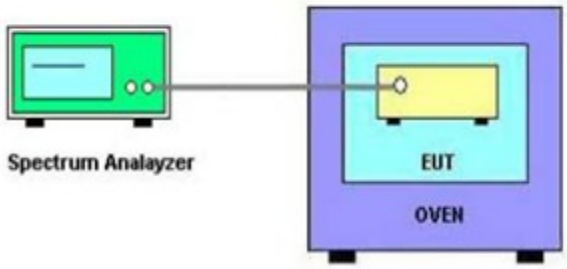
c. The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.

d. User manual temperature is 0°C~40°C.

## 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 EUT TEST CONDITIONS

Temperature: 24°C Relative Humidity: 33% Test Voltage: DC 5V

## 9.7 TEST RESULTS

Please refer to the APPENDIX I.

## 10. MEASUREMENT INSTRUMENTS LIST

| AC Power Line Conducted Emissions | | | | | |
|---|---|---|---|---|---|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
| 1 | EMI Test Receiver | R&S | ESCI | 100382 | Mar. 11, 2019 |
| 2 | LISN | EMCO | 3816/2 | 52765 | Mar. 11, 2019 |
| 3 | 50Ω Terminator | SHX | TF2-3G-A | 8122901 | Mar. 11, 2019 |
| 4 | TWO-LINE V-NETWORK | R&S | ENV216 | 101447 | Mar. 11, 2019 |
| 5 | Measurement Software | Farad | EZ-EMC Ver.NB-03A1-01 | N/A | N/A |
| 6 | Cable | N/A | RG223 | 12m | Mar. 23, 2019 |

| Radiated Emissions - 9 kHz to 30 MHz | | | | | |
|---|---|---|---|---|---|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
| 1 | Loop Antenna | EM | EM-6876-1 | 230 | Jan. 15, 2020 |
| 2 | Cable | N/A | RG 213/U | C-102 | Jun. 01, 2019 |
| 3 | EMI Test Receiver | R&S | ESCI | 100382 | Mar. 11, 2019 |
| 4 | Measurement Software | Farad | EZ-EMC Ver.NB-03A1-01 | N/A | N/A |

| Radiated Emissions - 30 MHz to 1 GHz | | | | | |
|---|---|---|---|---|---|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
| 1 | Antenna | Schwarzbeck | VULB9160 | 9160-3232 | Mar. 11, 2019 |
| 2 | Amplifier | HP | 8447D | 2944A09673 | Aug. 11, 2019 |
| 3 | Receiver | Agilent | N9038A | MY52130039 | Aug. 11, 2019 |
| 4 | Cable | emci | LMR-400(30MHz-1GHz)(8m+5m) | N/A | May 25, 2019 |
| 5 | Controller | CT | SC100 | N/A | N/A |
| 6 | Controller | MF | MF-7802 | MF780208416 | N/A |
| 7 | Measurement Software | Farad | EZ-EMC Ver.NB-03A1-01 | N/A | N/A |

| Radiated Emissions - Above 1 GHz | | | | | |
|---|---|---|---|---|---|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
| 1 | Double Ridged Guide Antenna | ETS | 3115 | 75789 | Mar. 11, 2019 |
| 2 | Broad-Band Horn Antenna | Schwarzbeck | BBHA 9170 | 9170319 | Jun. 30, 2019 |
| 3 | Amplifier | Agilent | 8449B | 3008A02274 | Mar. 11, 2019 |
| 4 | Microwave Preamplifier With Adaptor | EMC INSTRUMENT | EMC2654045 | 980039 & HA01 | Mar. 11, 2019 |
| 5 | Receiver | Agilent | N9038A | MY52130039 | Aug. 11, 2019 |
| 6 | Controller | CT | SC100 | N/A | N/A |
| 7 | Controller | MF | MF-7802 | MF780208416 | N/A |
| 8 | Cable | mitron | B10-01-01-12M | 18072744 | Jul. 30, 2019 |
| 9 | Measurement Software | Farad | EZ-EMC Ver.NB-03A1-01 | N/A | N/A |

| Bandwidth | | | | | |
|---|---|---|---|---|---|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
| 1 | Spectrum Analyzer | R&S | FSP40 | 100185 | Aug. 11, 2019 |

| Maximum Conducted Output Power | | | | | |
|---|---|---|---|---|---|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
| 1 | Spectrum Analyzer | R&S | FSP40 | 100185 | Aug. 11, 2019 |

| Power Spectral Density | | | | | |
|---|---|---|---|---|---|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
| 1 | Spectrum Analyzer | R&S | FSP40 | 100185 | Aug. 11, 2019 |

| Frequency Stability | | | | | |
|---|---|---|---|---|---|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until |
| 1 | Spectrum Analyzer | R&S | FSP40 | 100185 | Aug. 11, 2019 |
| 2 | Precision Oven Tester | Bell | BTH-50C | 20170306001 | Mar. 11, 2019 |

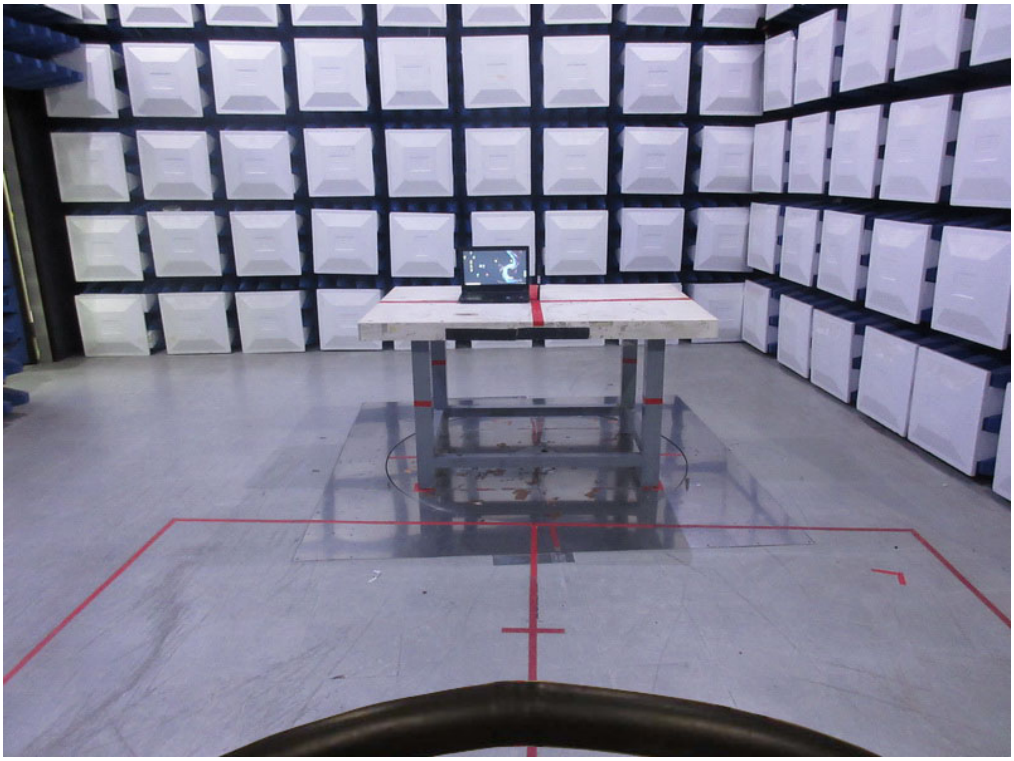
REMARK: "N/A" denotes no model name, no serial no. or no calibration specified.
All calibration period of equipment list is one year.

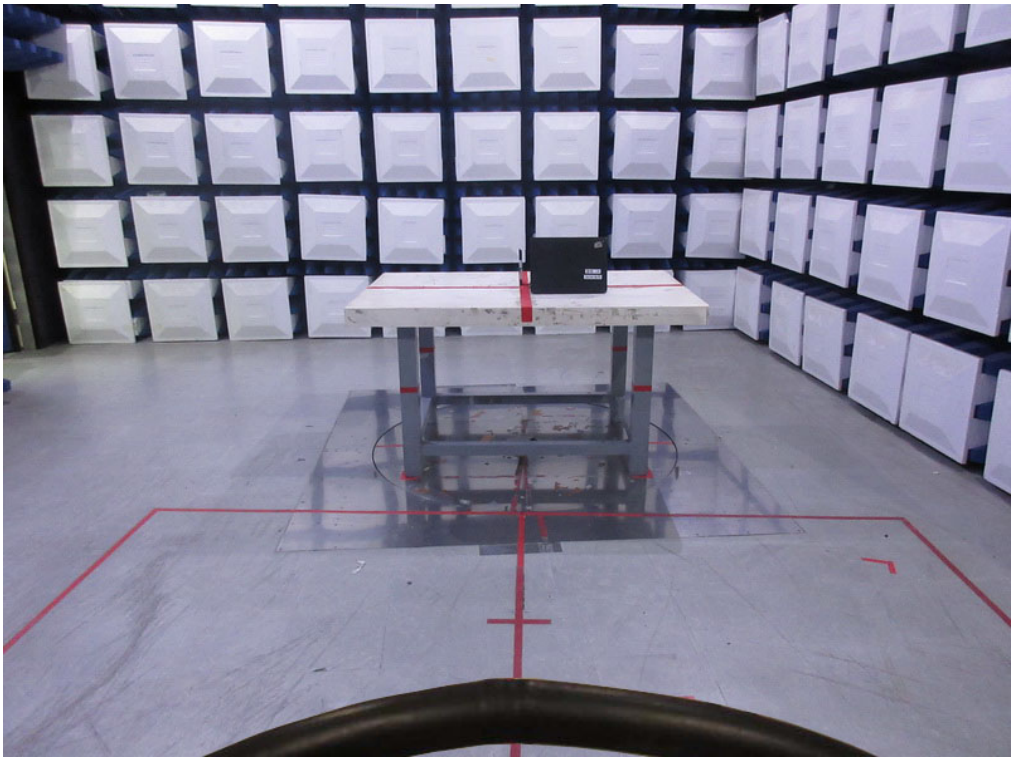
## 11. EUT TEST PHOTOS

**AC Power Line Conducted Emissions Test Photos**

## Radiated Emissions Test Photos

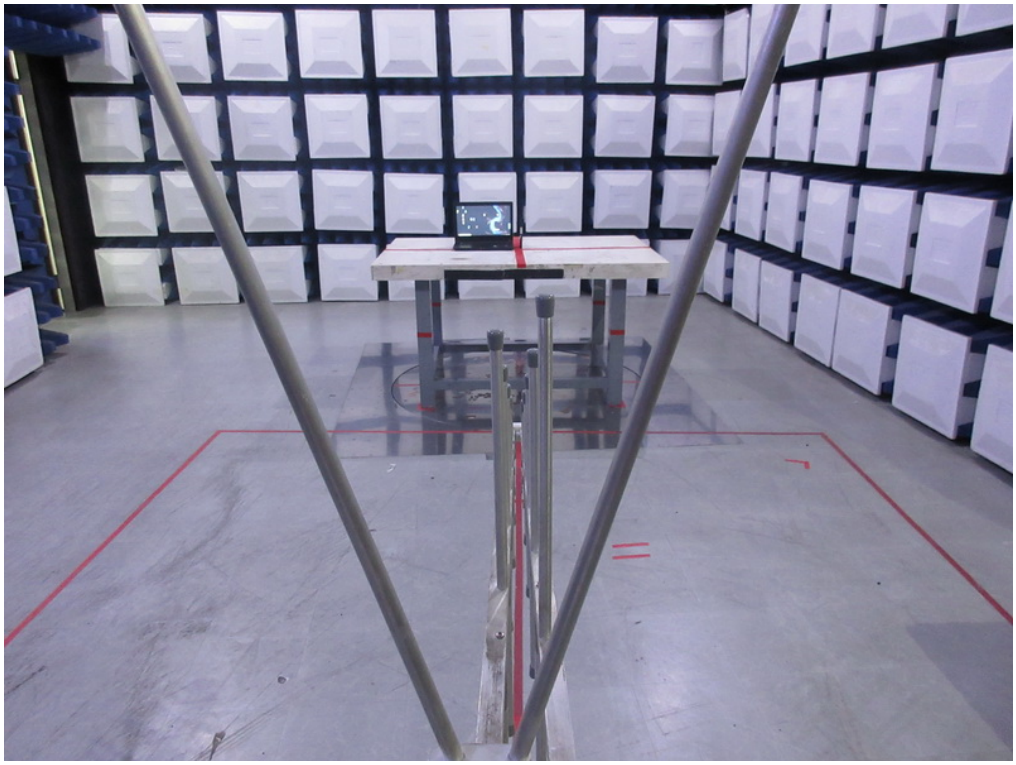
### 9 kHz to 30 MHz

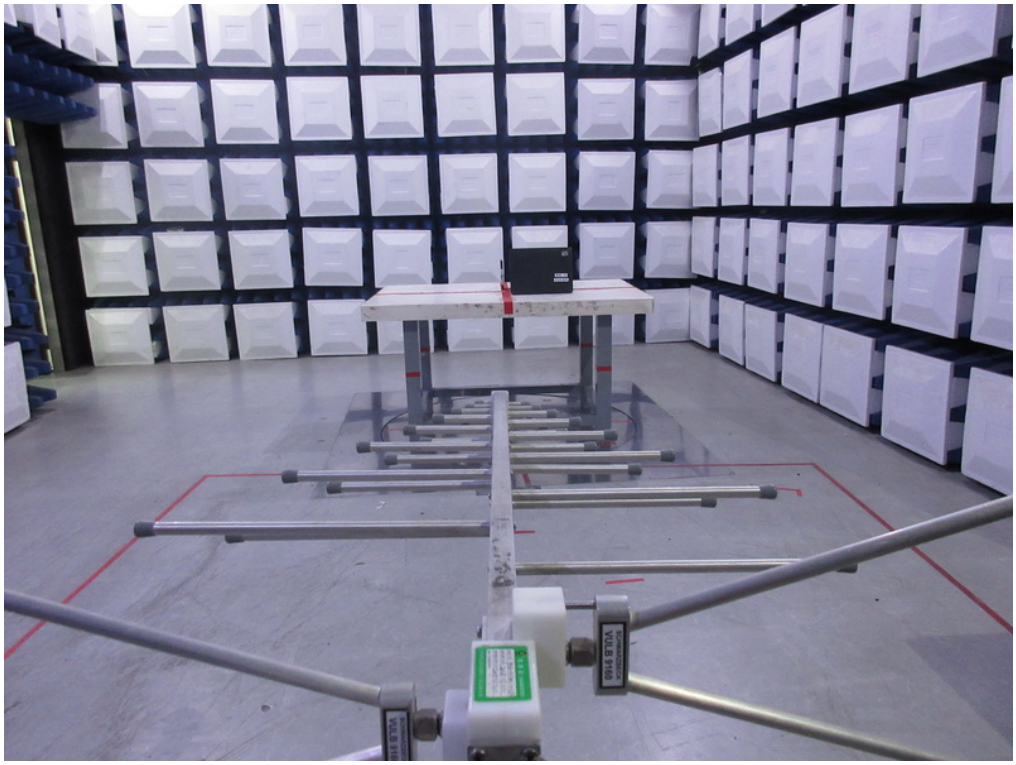




## Radiated Emissions Test Photos

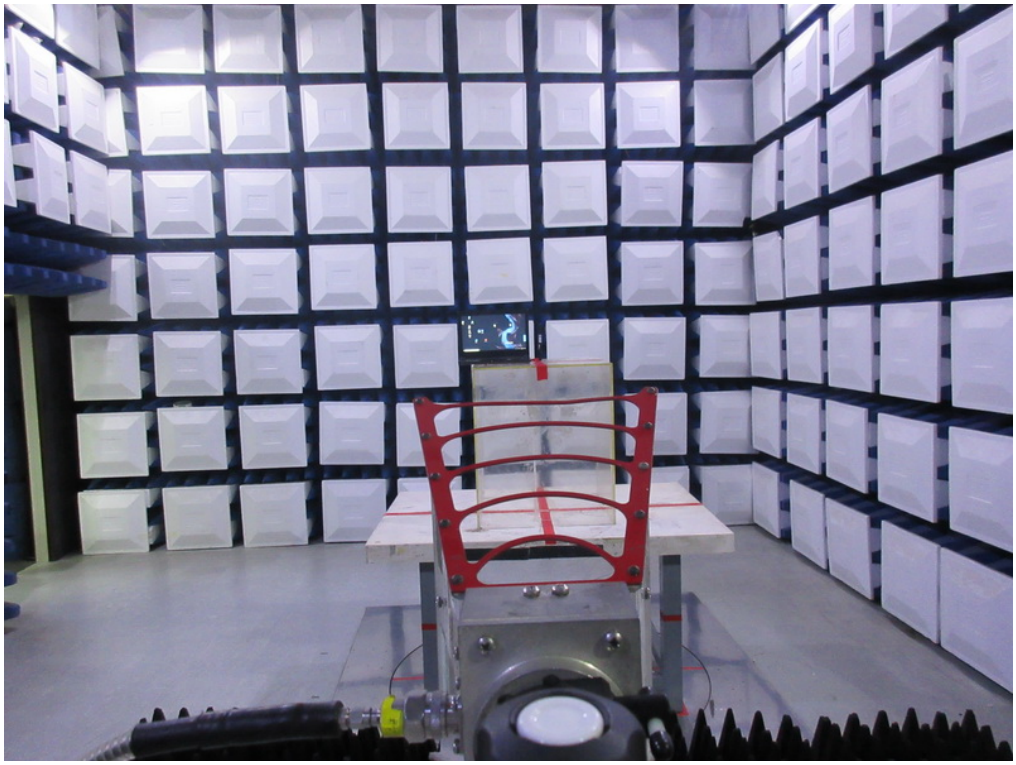
### 30 MHz to 1 GHz

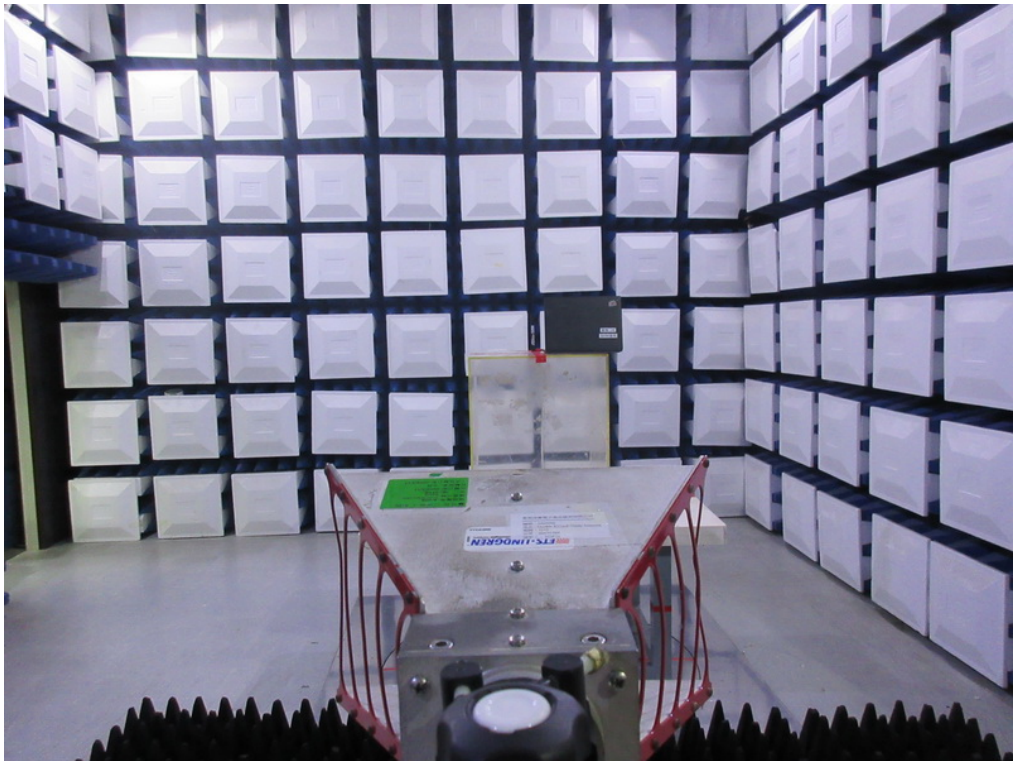




## Radiated Emissions Test Photos

## Above 1 GHz

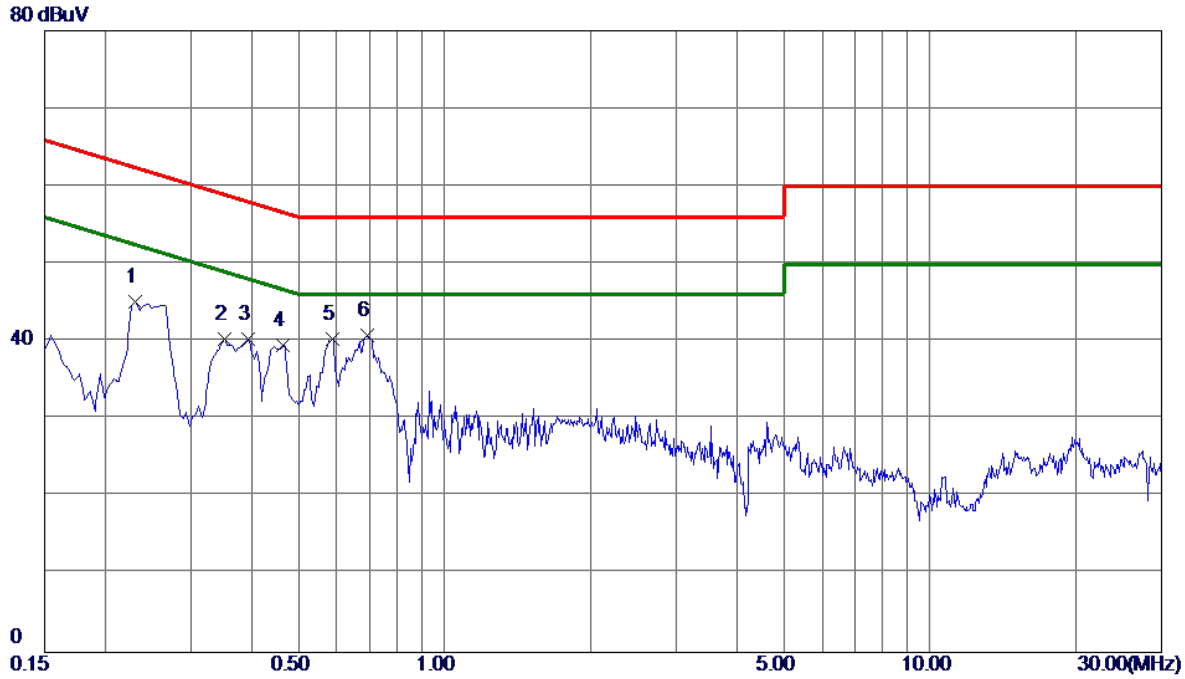




# APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

| Test Mode: | TX A MODE CHANNEL 165 |
|---|---|

**Line**



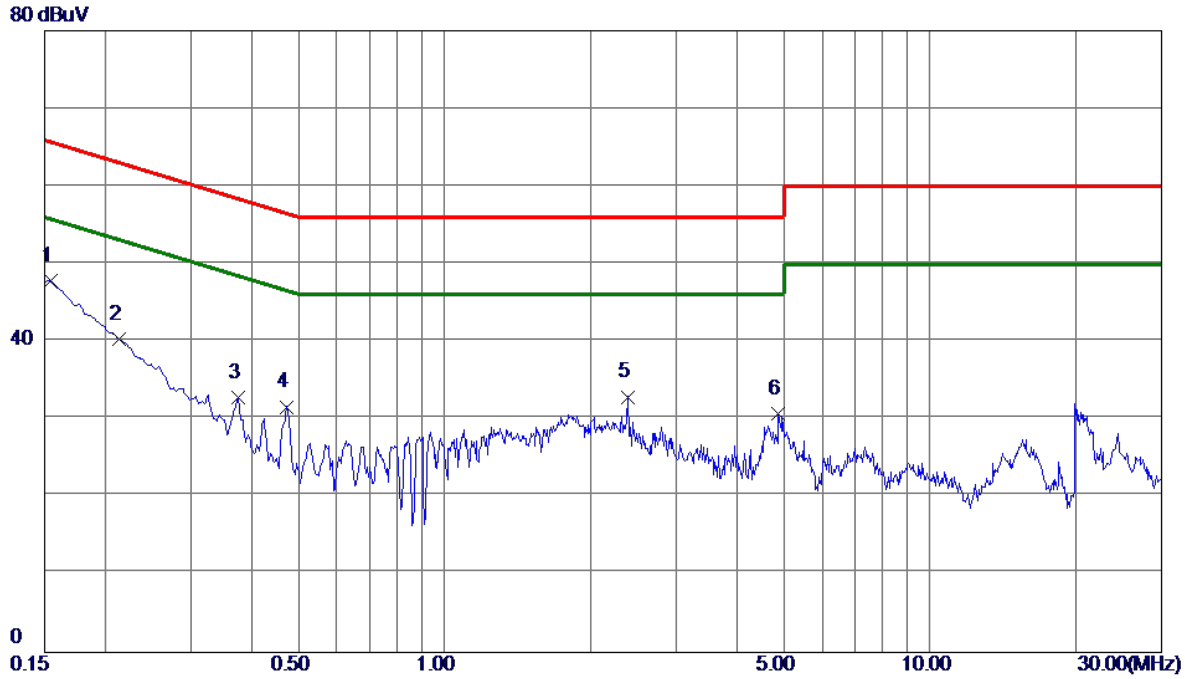

| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV | dB | dBuV | dBuV | dB | Detector | Comment |
| 1 | 0.2310 | 35.24 | 9.82 | 45.06 | 62.41 | -17.35 | Peak | |
| 2 | 0.3525 | 30.55 | 9.81 | 40.36 | 58.90 | -18.54 | Peak | |
| 3 | 0.3930 | 30.46 | 9.81 | 40.27 | 58.00 | -17.73 | Peak | |
| 4 | 0.4650 | 29.79 | 9.80 | 39.59 | 56.60 | -17.01 | Peak | |
| 5 | 0.5865 | 30.51 | 9.82 | 40.33 | 56.00 | -15.67 | Peak | |
| 6 * | 0.6945 | 30.86 | 9.87 | 40.73 | 56.00 | -15.27 | Peak | |

Note:The test result has included the cable loss.

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

| Test Mode: | TX A MODE CHANNEL 165 |
|---|---|

**Neutral**




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV | dB | dBuV | dBuV | dB | Detector | Comment |
| 1 * | 0.1545 | 37.92 | 9.91 | 47.83 | 65.75 | -17.92 | Peak | |
| 2 | 0.2130 | 30.43 | 9.91 | 40.34 | 63.09 | -22.75 | Peak | |
| 3 | 0.3750 | 22.78 | 9.95 | 32.73 | 58.39 | -25.66 | Peak | |
| 4 | 0.4740 | 21.66 | 9.94 | 31.60 | 56.44 | -24.84 | Peak | |
| 5 | 2.3909 | 22.67 | 10.21 | 32.88 | 56.00 | -23.12 | Peak | |
| 6 | 4.8795 | 20.38 | 10.39 | 30.77 | 56.00 | -25.23 | Peak | |

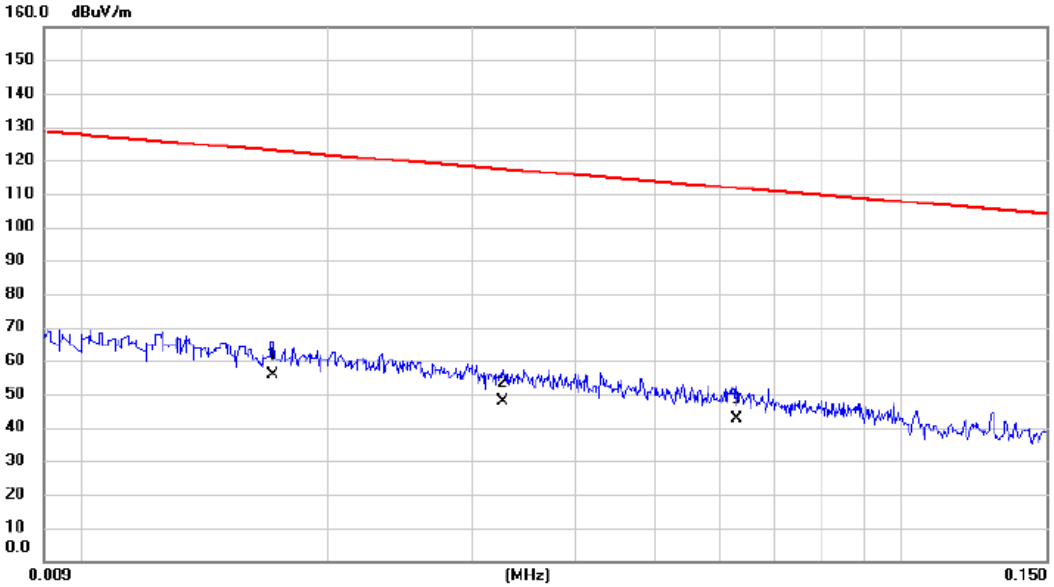
Note:The test result has included the cable loss.

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 AC (VHT80) MODE CHANNEL 122 |
|---|---|

**Ant 0°**

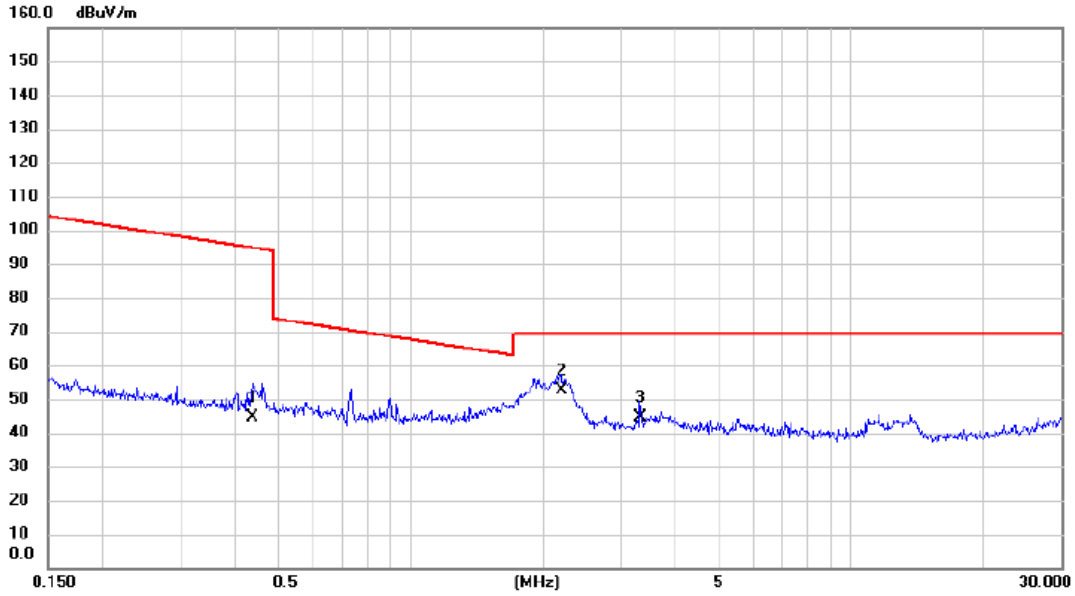



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | * | 0.0171 | 35.30 | 20.43 | 55.73 | 122.94 | -67.21 | AVG | |
| 2 | | 0.0326 | 27.80 | 19.82 | 47.62 | 117.34 | -69.72 | AVG | |
| 3 | | 0.0630 | 23.30 | 19.27 | 42.57 | 111.62 | -69.05 | AVG | |

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

| Test Mode: | TX AC (VHT80) MODE CHANNEL 122 |
|---|---|

**Ant 0°**

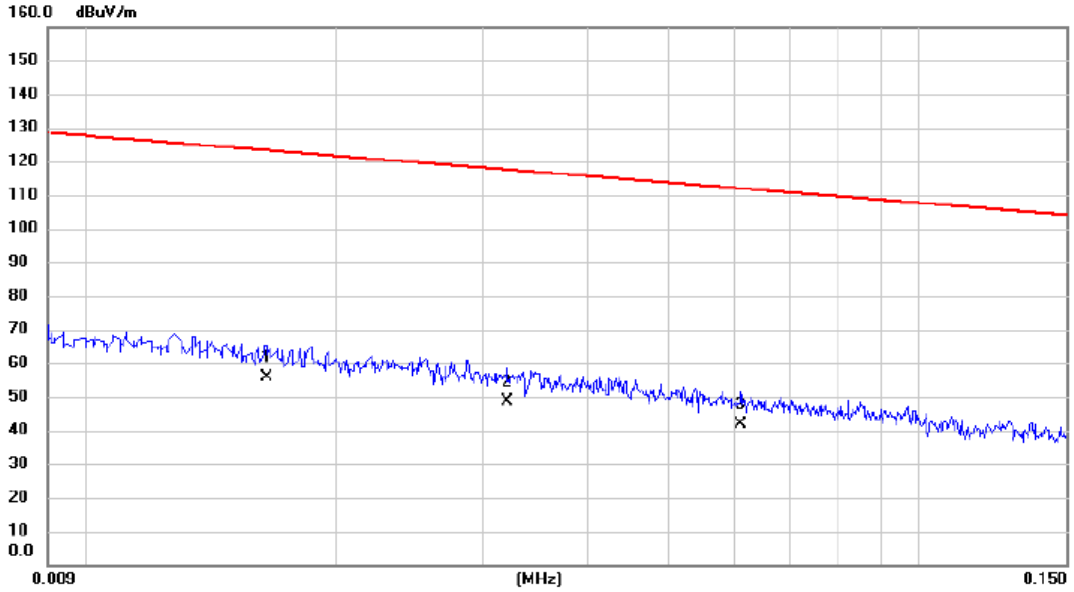



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | 0.4374 | 27.80 | 16.99 | 44.79 | 94.79 | -50.00 | AVG | |
| 2 | * | 2.2015 | 35.50 | 17.00 | 52.50 | 69.54 | -17.04 | QP | |
| 3 | | 3.3105 | 28.20 | 16.28 | 44.48 | 69.54 | -25.06 | QP | |

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

| Test Mode: | TX AC (VHT80) MODE CHANNEL 122 |
|---|---|

**Ant 90°**

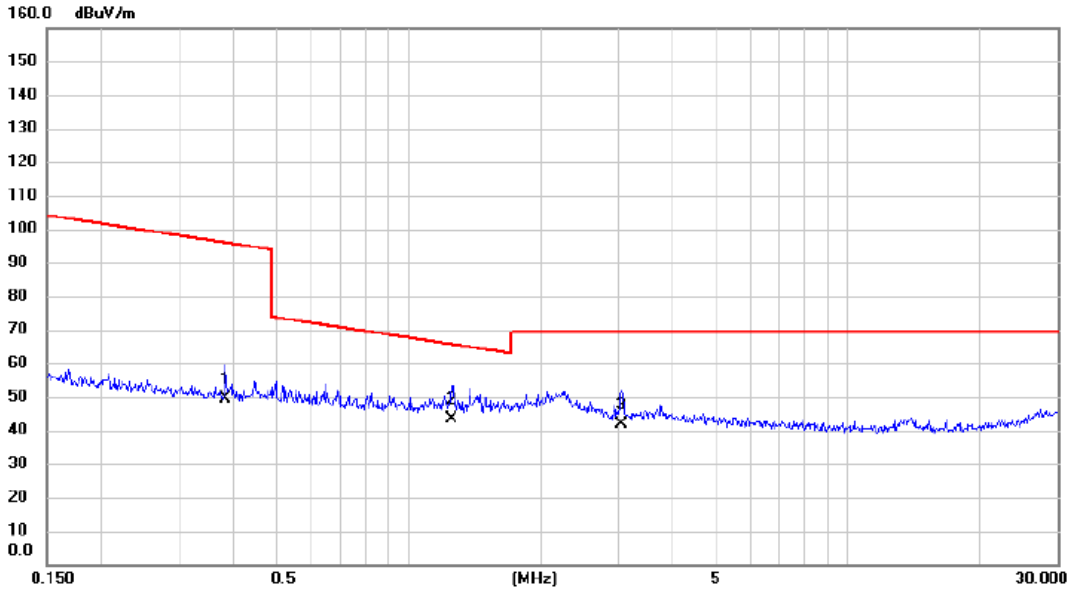



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | * | 0.0165 | 35.10 | 20.51 | 55.61 | 123.26 | -67.65 | AVG | |
| 2 | | 0.0320 | 28.60 | 19.83 | 48.43 | 117.50 | -69.07 | AVG | |
| 3 | | 0.0611 | 22.30 | 19.31 | 41.61 | 111.88 | -70.27 | AVG | |

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

| Test Mode: | TX AC (VHT80) MODE CHANNEL 122 |
|---|---|

**Ant 90°**



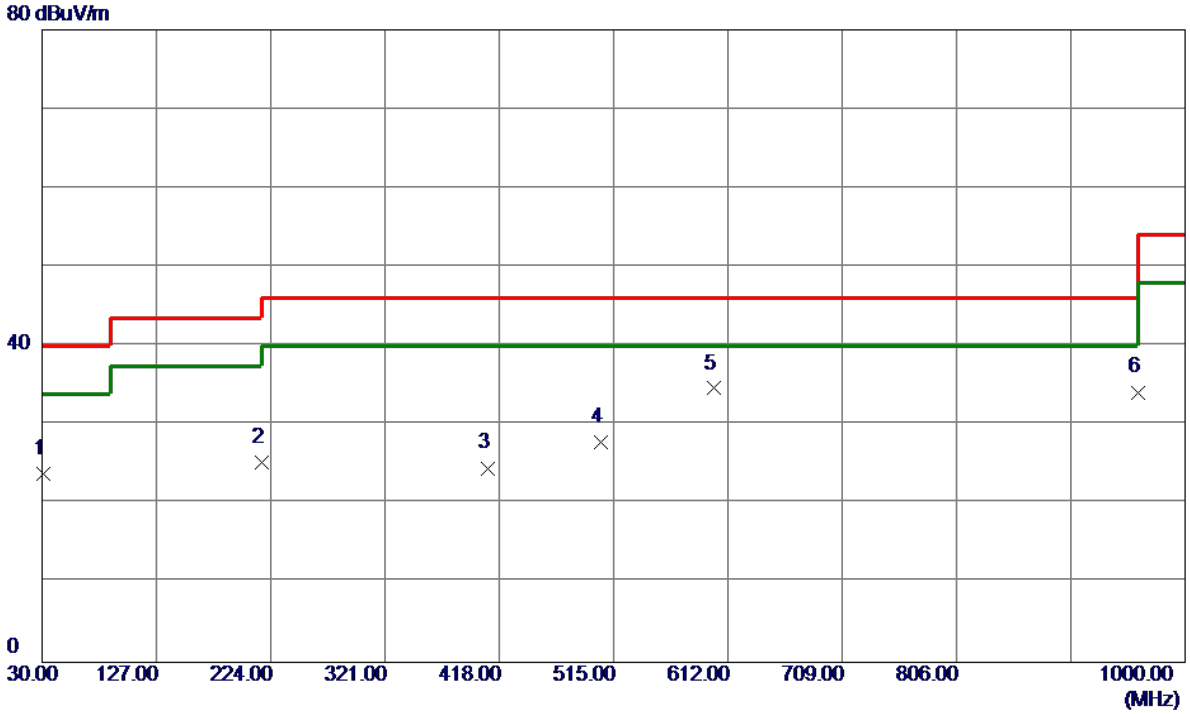

| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | 0.3832 | 32.30 | 17.01 | 49.31 | 95.94 | -46.63 | AVG | |
| 2 | * | 1.2555 | 26.80 | 16.73 | 43.53 | 65.63 | -22.10 | QP | |
| 3 | | 3.0576 | 25.20 | 16.48 | 41.68 | 69.54 | -27.86 | QP | |

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

# APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1 GHZ

| Test Mode: | TX AC (VHT80) MODE CHANNEL 122 |
|---|---|

**Vertical**

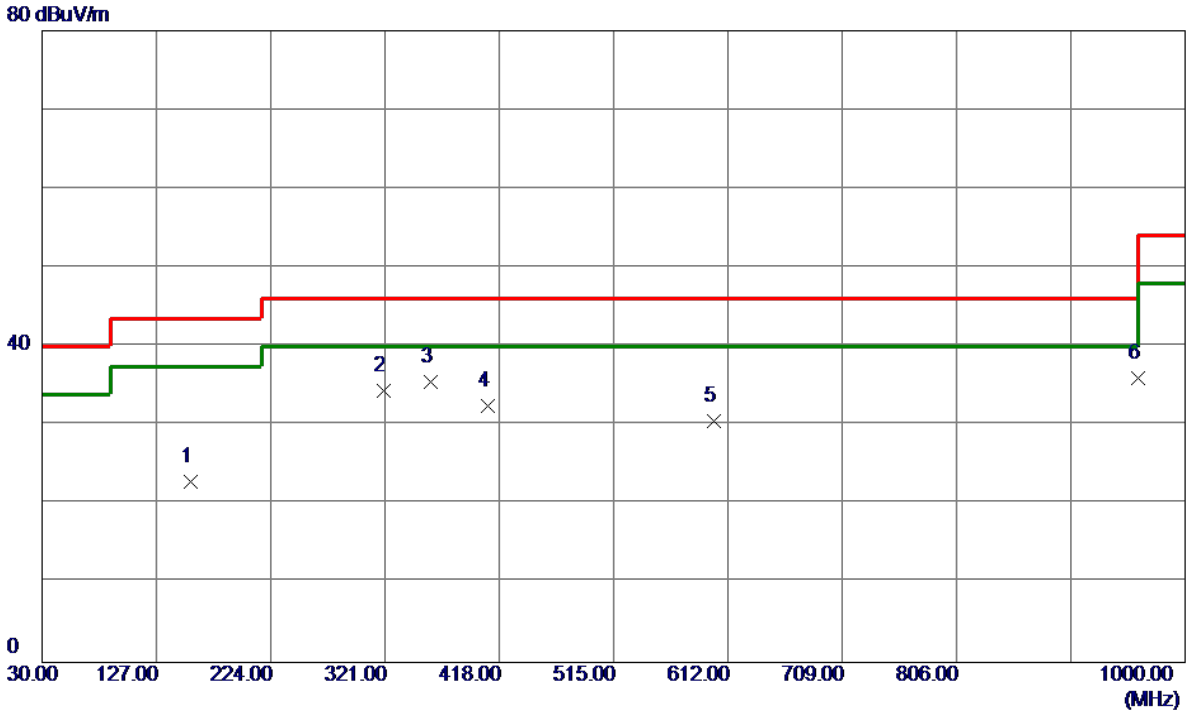



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 31.4550 | 38.84 | -15.02 | 23.82 | 40.00 | -16.18 | Peak | |
| 2 | 216.2400 | 40.28 | -14.99 | 25.29 | 46.00 | -20.71 | Peak | |
| 3 | 407.8150 | 33.63 | -9.07 | 24.56 | 46.00 | -21.44 | Peak | |
| 4 | 503.8450 | 36.14 | -8.29 | 27.85 | 46.00 | -18.15 | Peak | |
| 5 * | 599.8750 | 40.94 | -6.30 | 34.64 | 46.00 | -11.36 | Peak | |
| 6 | 960.2300 | 32.99 | 1.17 | 34.16 | 54.00 | -19.84 | Peak | |

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

| Test Mode: | TX AC (VHT80) MODE CHANNEL 122 |
|---|---|

**Horizontal**



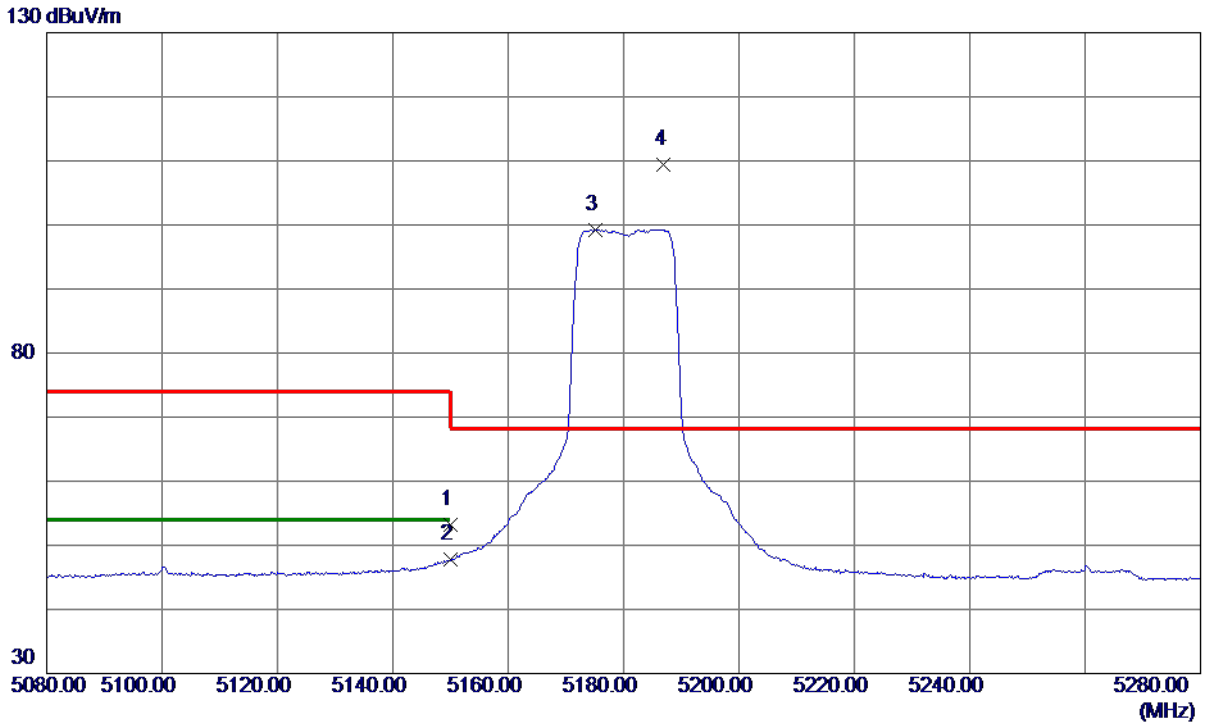

| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 156.5850 | 33.72 | -10.90 | 22.82 | 43.50 | -20.68 | Peak | |
| 2 | 320.0300 | 45.00 | -10.65 | 34.35 | 46.00 | -11.65 | Peak | |
| 3 | 359.8000 | 46.24 | -10.74 | 35.50 | 46.00 | -10.50 | Peak | |
| 4 | 407.8150 | 41.61 | -9.07 | 32.54 | 46.00 | -13.46 | Peak | |
| 5 | 599.8750 | 36.86 | -6.30 | 30.56 | 46.00 | -15.44 | Peak | |
| 6 * | 959.7450 | 34.77 | 1.18 | 35.95 | 46.00 | -10.05 | Peak | |

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

# APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX A Mode 5180 MHz |

**Vertical**

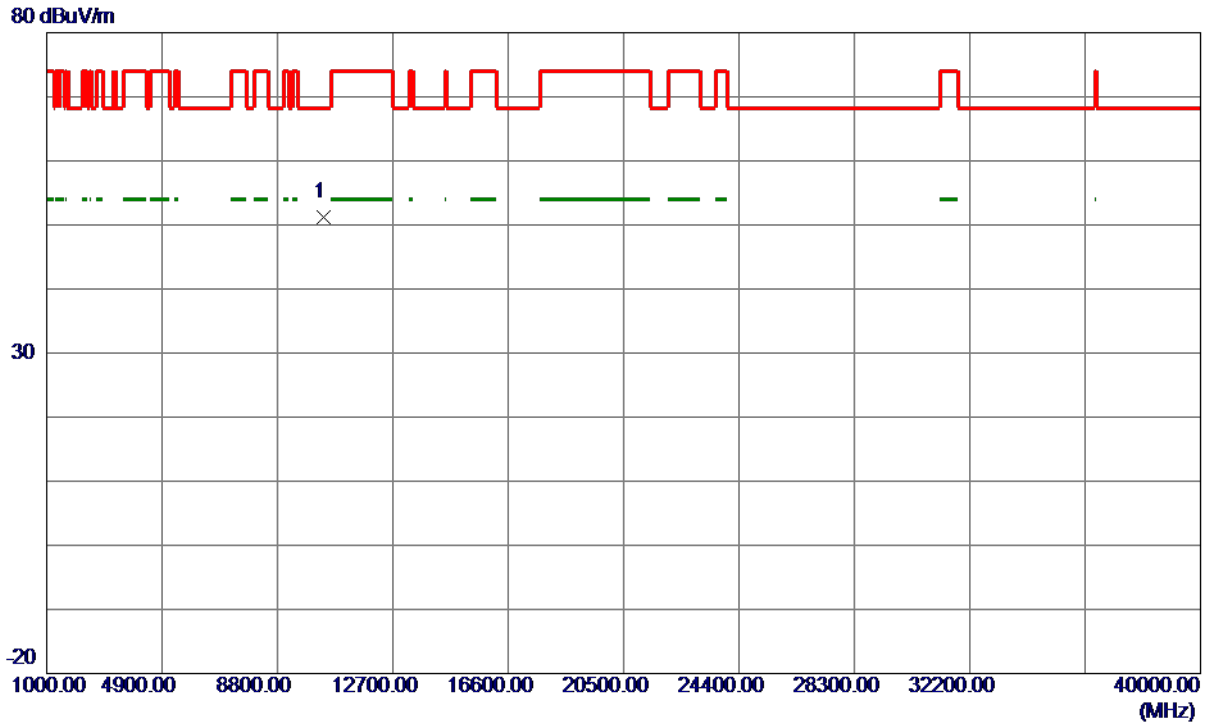



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5150.0000 | 38.45 | 14.70 | 53.15 | 74.00 | -20.85 | Peak | |
| 2 | 5150.0000 | 33.06 | 14.70 | 47.76 | 54.00 | -6.24 | AVG | |
| 3 | 5175.1000 | 84.55 | 14.74 | 99.29 | 999.00 | -899.71 | AVG | No Limit |
| 4 * | 5187.0000 | 94.60 | 14.75 | 109.35 | 68.30 | 41.05 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX A Mode 5180 MHz |

**Vertical**

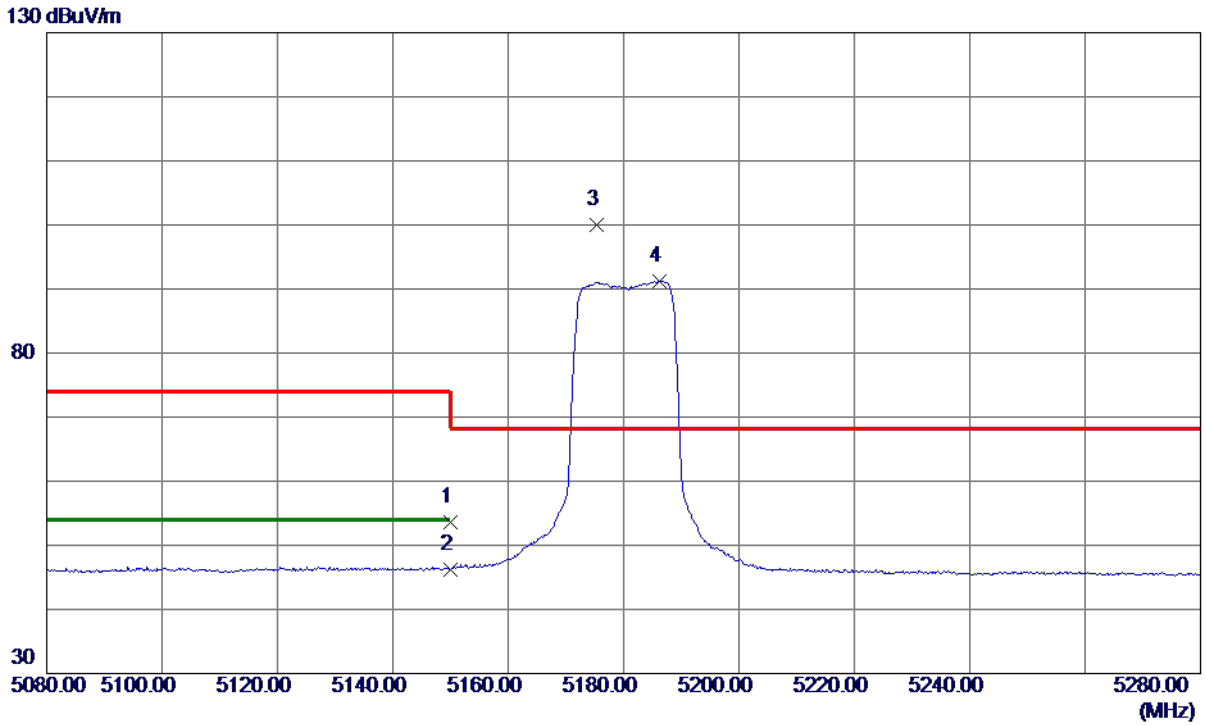



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10360.4300 | 40.59 | 10.63 | 51.22 | 68.30 | -17.08 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX A Mode 5180 MHz |

**Horizontal**

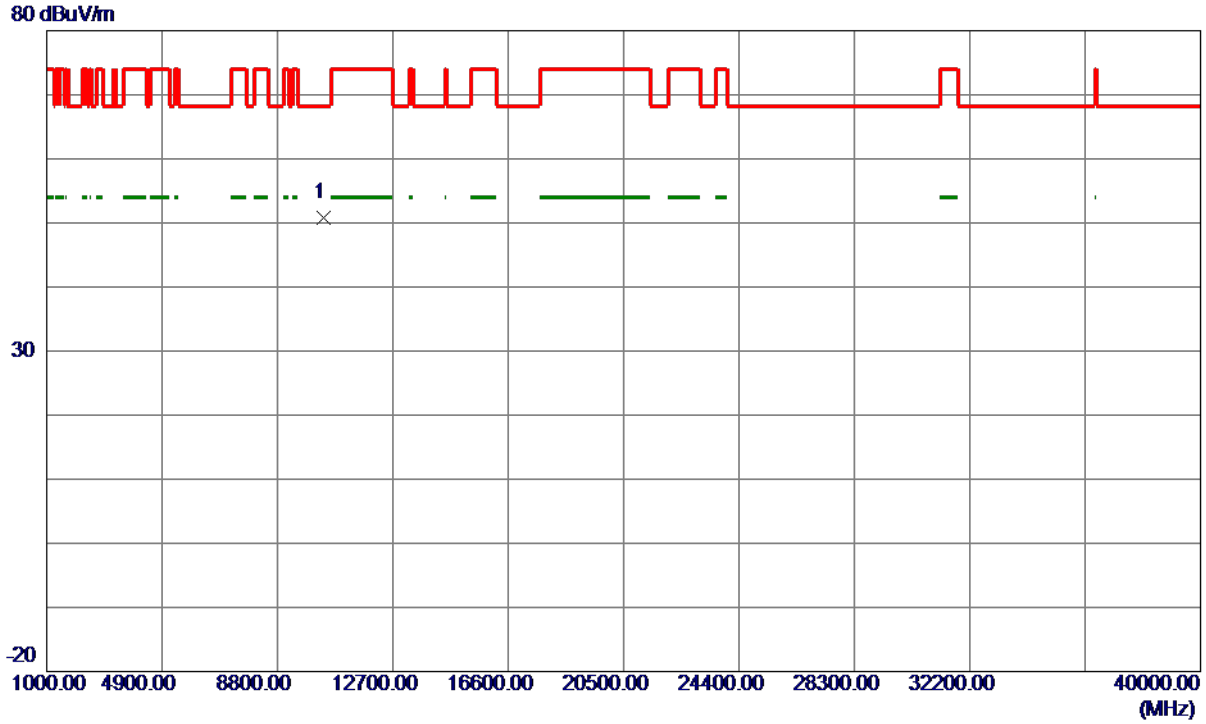



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5150.0000 | 37.94 | 15.74 | 53.68 | 74.00 | -20.32 | Peak | |
| 2 | 5150.0000 | 30.49 | 15.74 | 46.23 | 54.00 | -7.77 | AVG | |
| 3 * | 5175.4000 | 84.31 | 15.79 | 100.10 | 68.30 | 31.80 | Peak | No Limit |
| 4 | 5186.3000 | 75.43 | 15.81 | 91.24 | 999.00 | -907.76 | AVG | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX A Mode 5180 MHz |

**Horizontal**

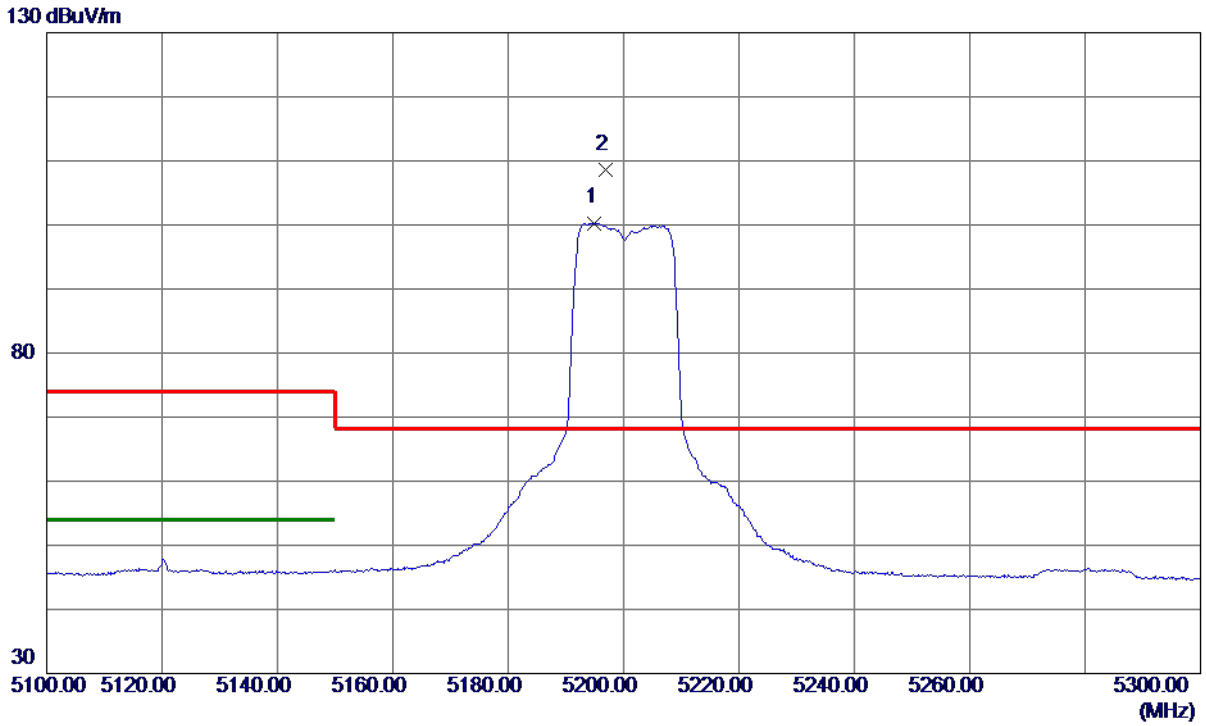



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10360.3580 | 40.17 | 10.63 | 50.80 | 68.30 | -17.50 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX A Mode 5200 MHz |

**Vertical**

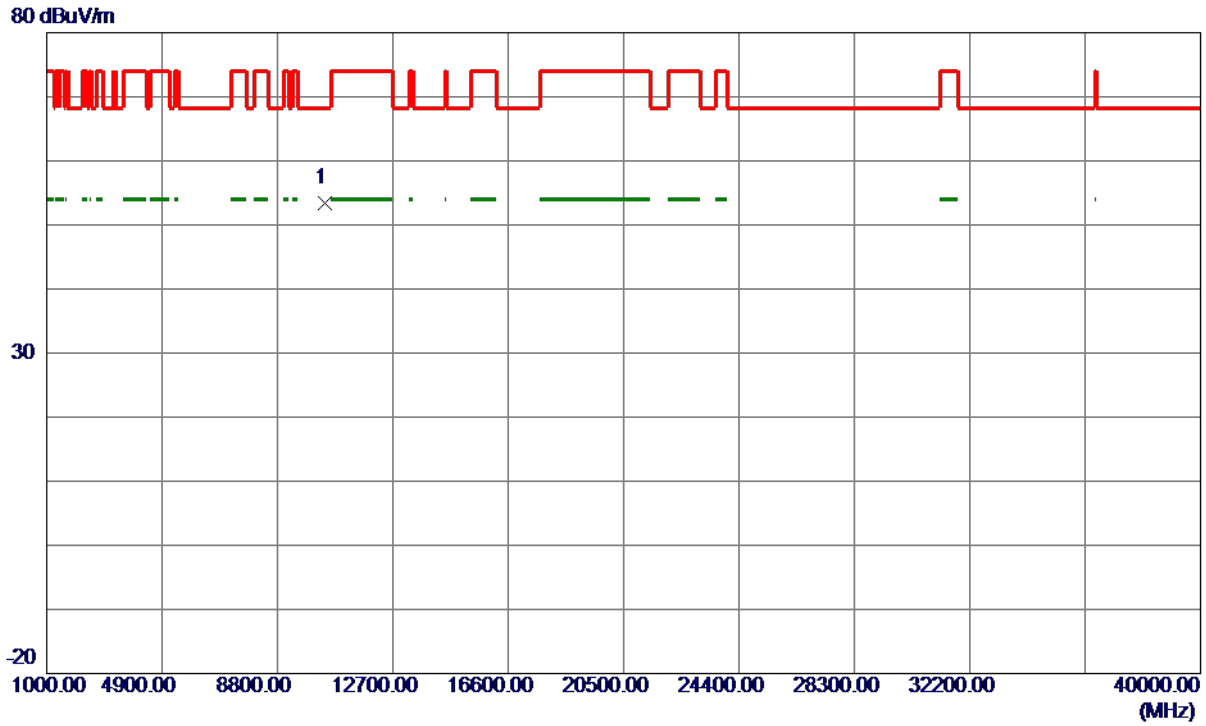



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5195.0000 | 85.54 | 14.76 | 100.30 | 999.00 | -898.70 | AVG | No Limit |
| 2 * | 5196.8000 | 93.81 | 14.77 | 108.58 | 68.30 | 40.28 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX A Mode 5200 MHz |

**Vertical**

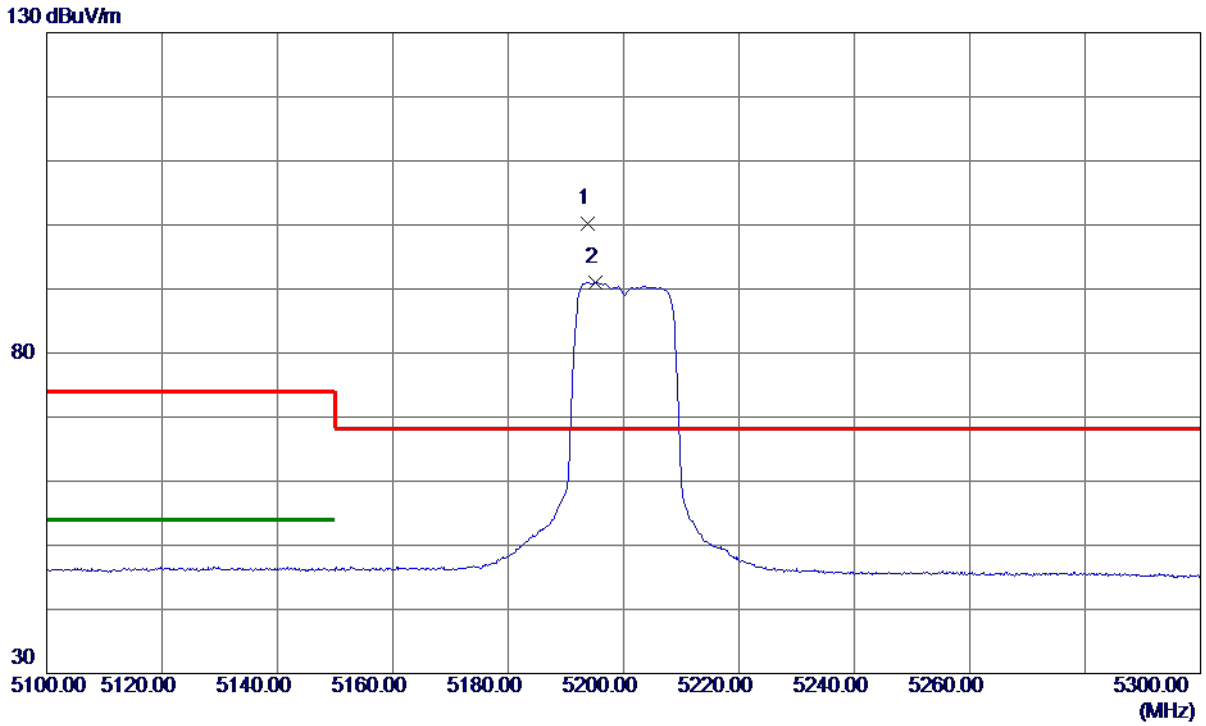



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10400.2820 | 42.67 | 10.69 | 53.36 | 68.30 | -14.94 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX A Mode 5200 MHz |

**Horizontal**

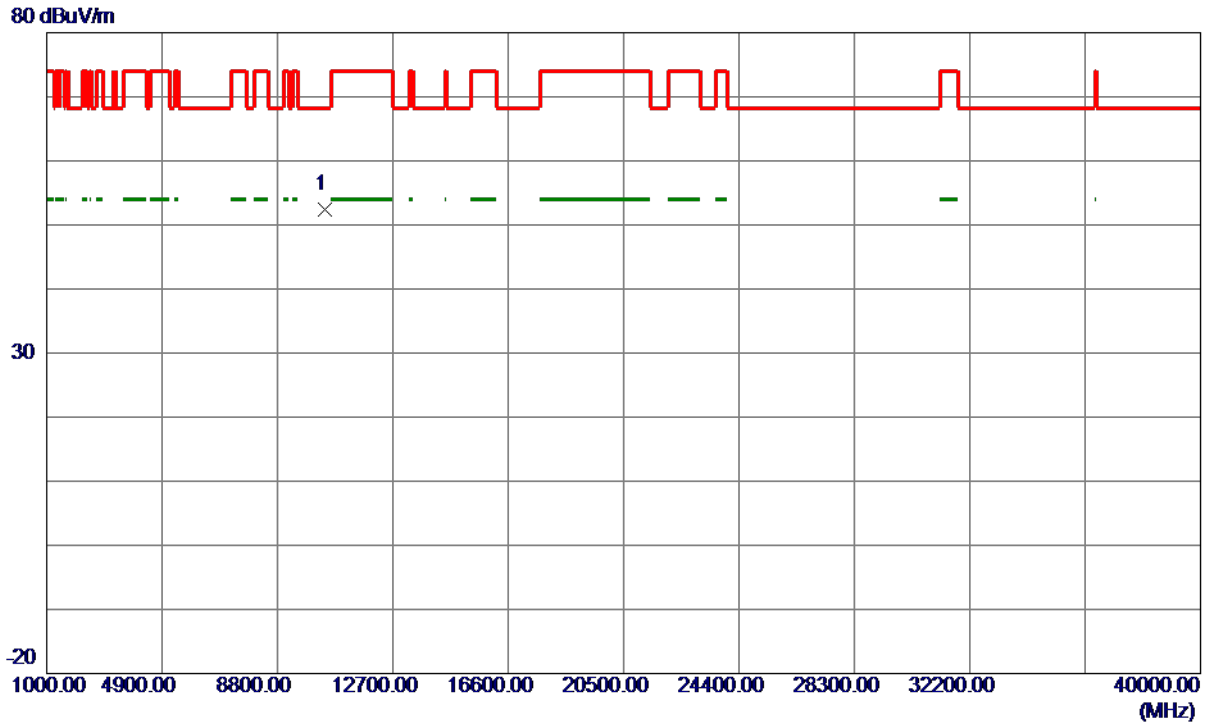



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5193.8000 | 84.31 | 15.82 | 100.13 | 68.30 | 31.83 | Peak | No Limit |
| 2 | 5195.1000 | 75.21 | 15.83 | 91.04 | 999.00 | -907.96 | AVG | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX A Mode 5200 MHz |

**Horizontal**

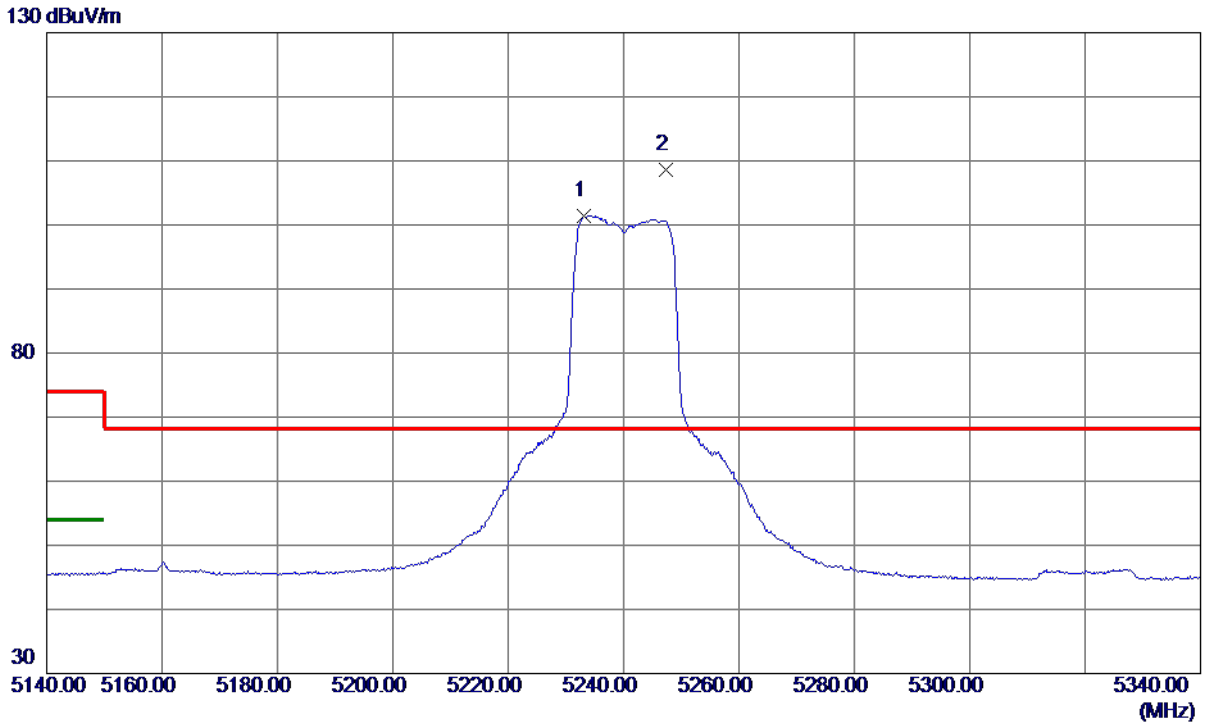



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10399.9349 | 41.73 | 10.69 | 52.42 | 68.30 | -15.88 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX A Mode 5240 MHz |

**Vertical**

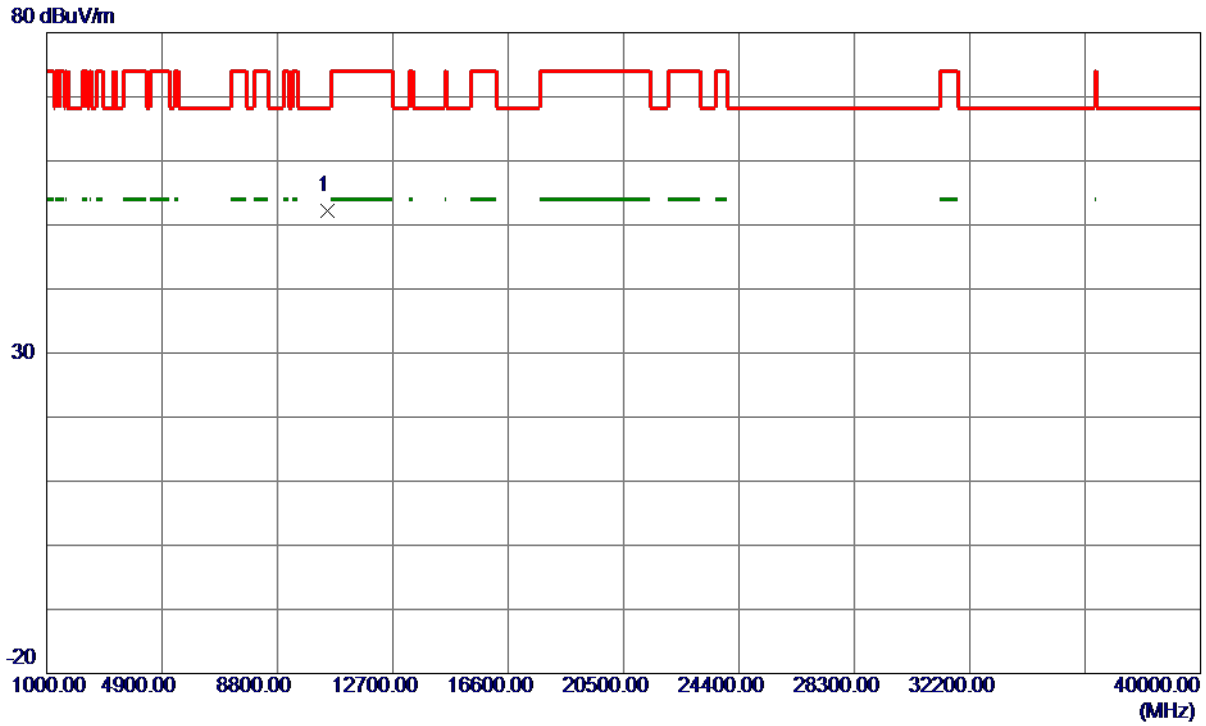



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5233.2000 | 86.61 | 14.81 | 101.42 | 999.00 | -897.58 | AVG | No Limit |
| 2 * | 5247.4000 | 93.79 | 14.83 | 108.62 | 68.30 | 40.32 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX A Mode 5240 MHz |

**Vertical**

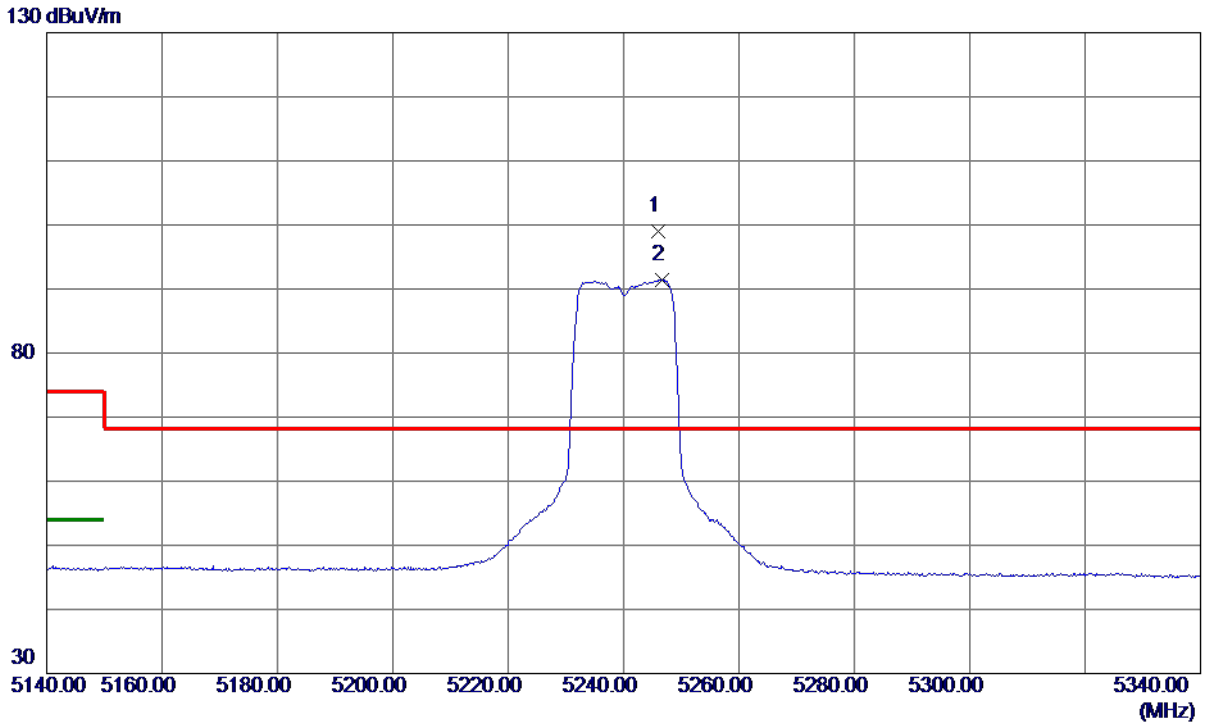



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10480.6880 | 41.44 | 10.83 | 52.27 | 68.30 | -16.03 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX A Mode 5240 MHz |

**Horizontal**




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5246.0000 | 83.02 | 15.93 | 98.95 | 68.30 | 30.65 | Peak | No Limit |
| 2 | 5246.6000 | 75.55 | 15.93 | 91.48 | 999.00 | -907.52 | AVG | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX A Mode 5240 MHz |

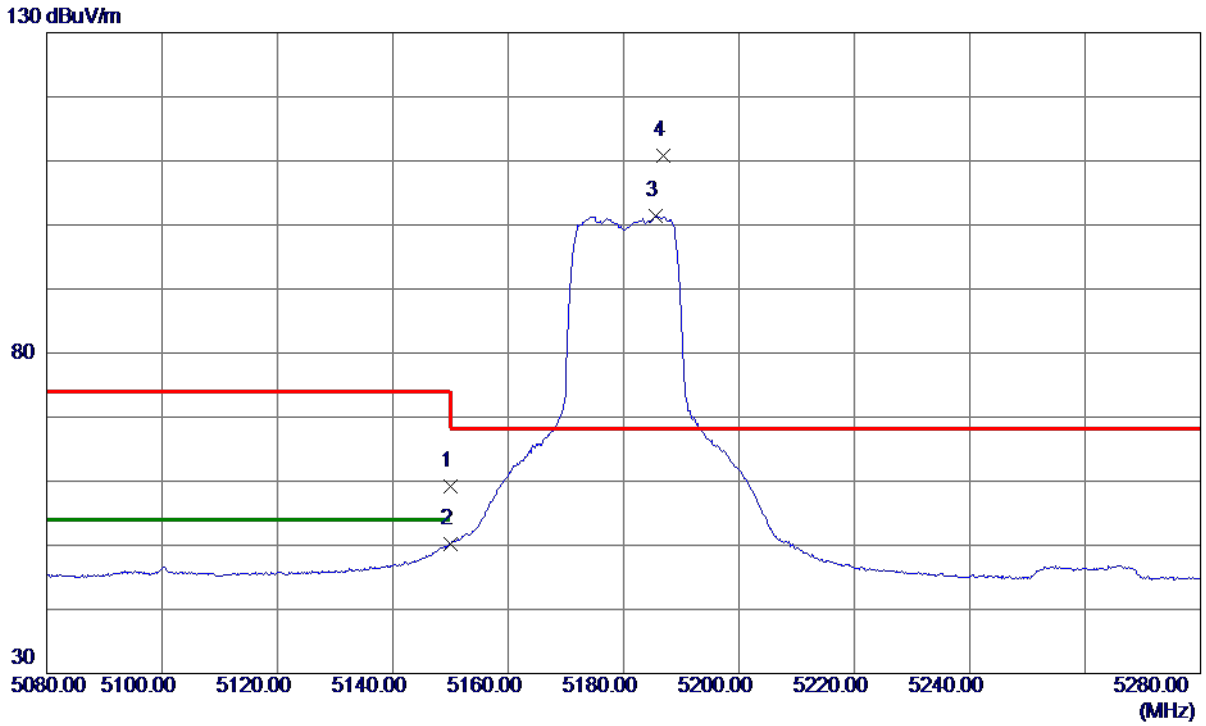
**Horizontal**


| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10480.8580 | 40.34 | 10.83 | 51.17 | 68.30 | -17.13 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX N (HT20) Mode 5180 MHz |

**Vertical**

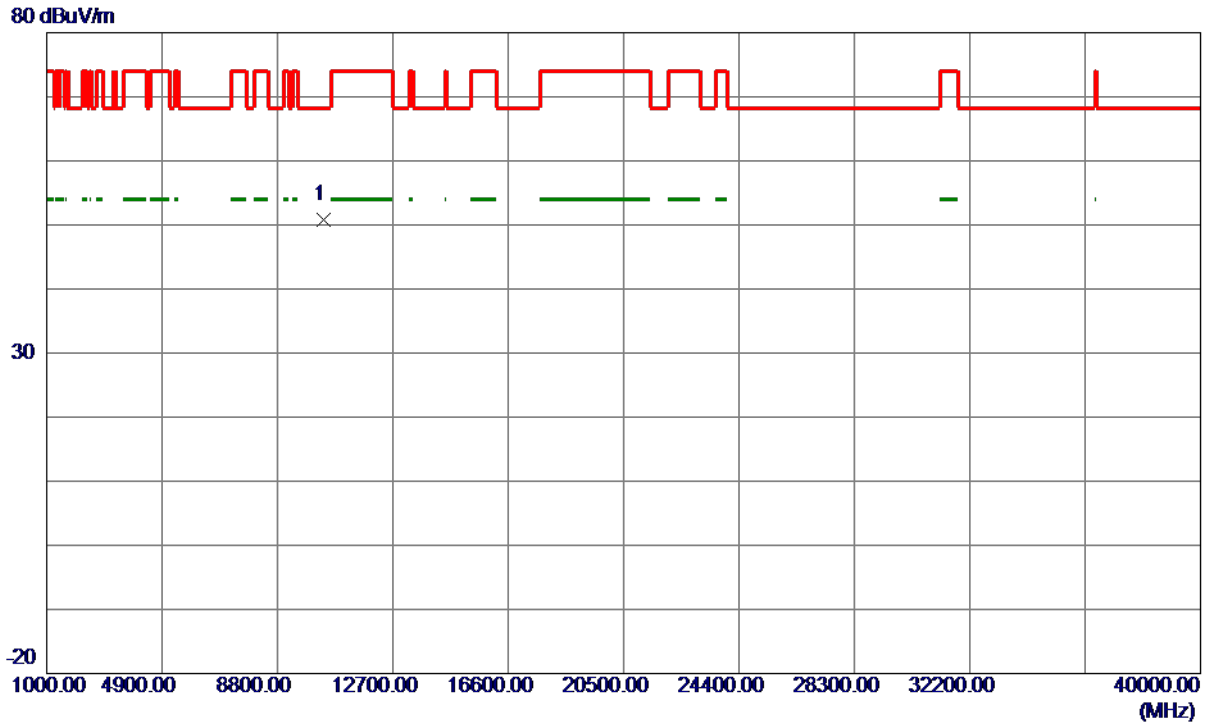



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5150.0000 | 44.57 | 14.70 | 59.27 | 74.00 | -14.73 | Peak | |
| 2 | 5150.0000 | 35.47 | 14.70 | 50.17 | 54.00 | -3.83 | AVG | |
| 3 | 5185.6000 | 86.60 | 14.75 | 101.35 | 999.00 | -897.65 | AVG | No Limit |
| 4 * | 5186.9000 | 96.02 | 14.75 | 110.77 | 68.30 | 42.47 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX N (HT20) Mode 5180 MHz |

**Vertical**

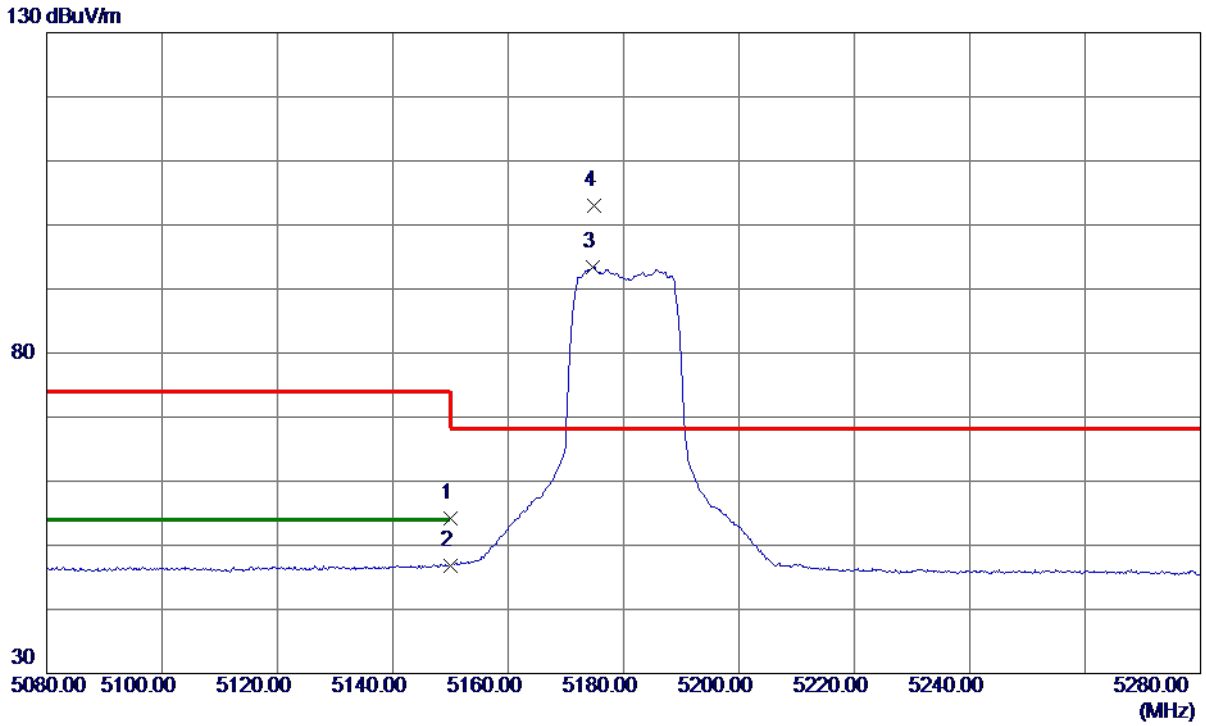



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10356.8150 | 40.25 | 10.62 | 50.87 | 68.30 | -17.43 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX N (HT20) Mode 5180 MHz |

**Horizontal**

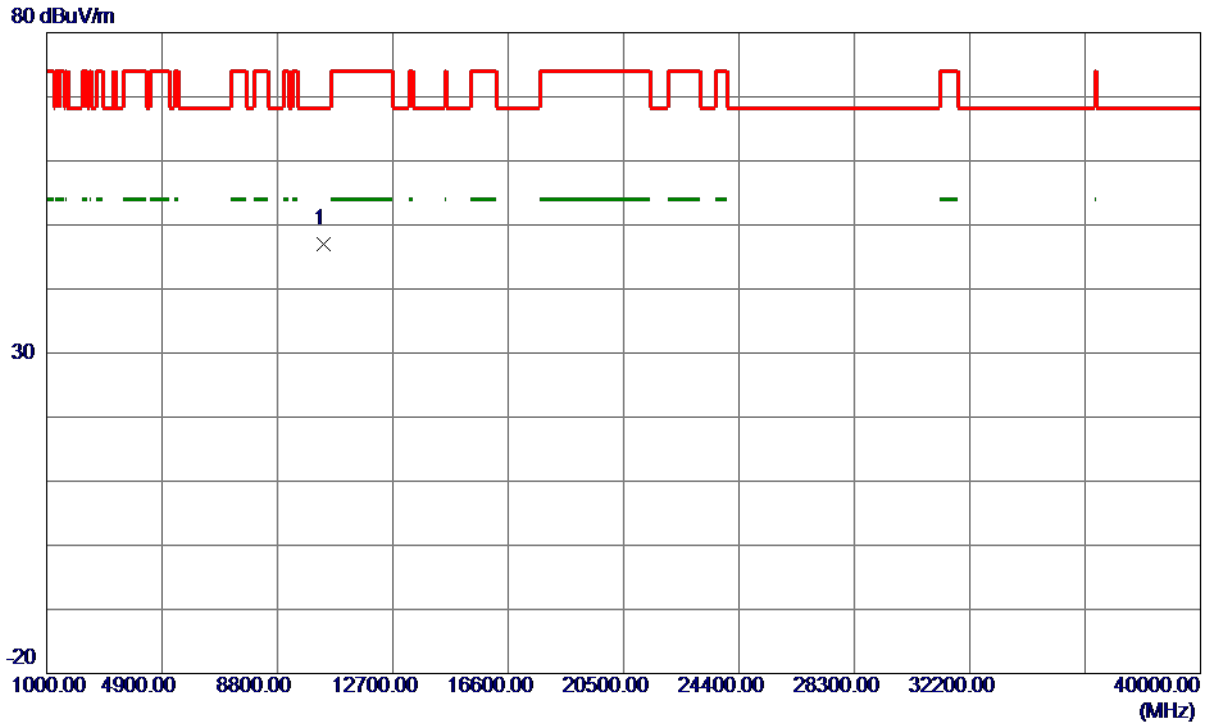



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5150.0000 | 38.50 | 15.74 | 54.24 | 74.00 | -19.76 | Peak | |
| 2 | 5150.0000 | 31.14 | 15.74 | 46.88 | 54.00 | -7.12 | AVG | |
| 3 | 5174.7000 | 77.61 | 15.79 | 93.40 | 999.00 | -905.60 | AVG | No Limit |
| 4 * | 5174.9000 | 87.15 | 15.79 | 102.94 | 68.30 | 34.64 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX N (HT20) Mode 5180 MHz |

**Horizontal**

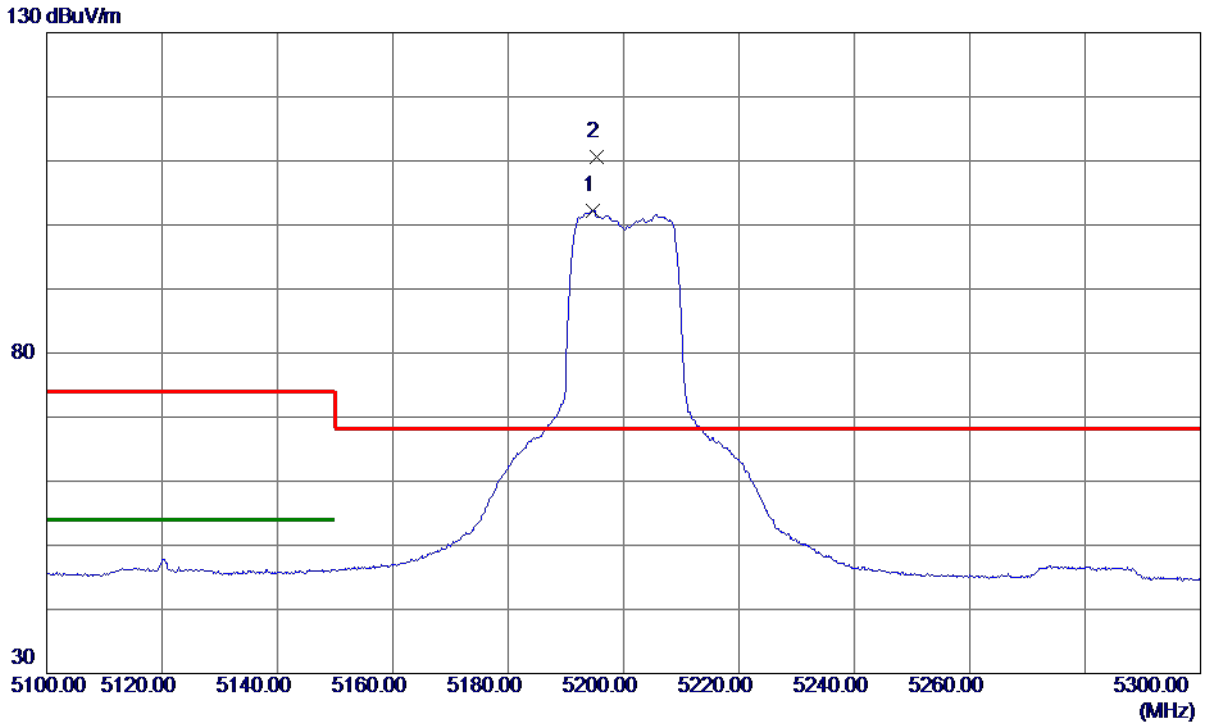



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10359.2300 | 36.35 | 10.62 | 46.97 | 68.30 | -21.33 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX N (HT20) Mode 5200 MHz |

**Vertical**

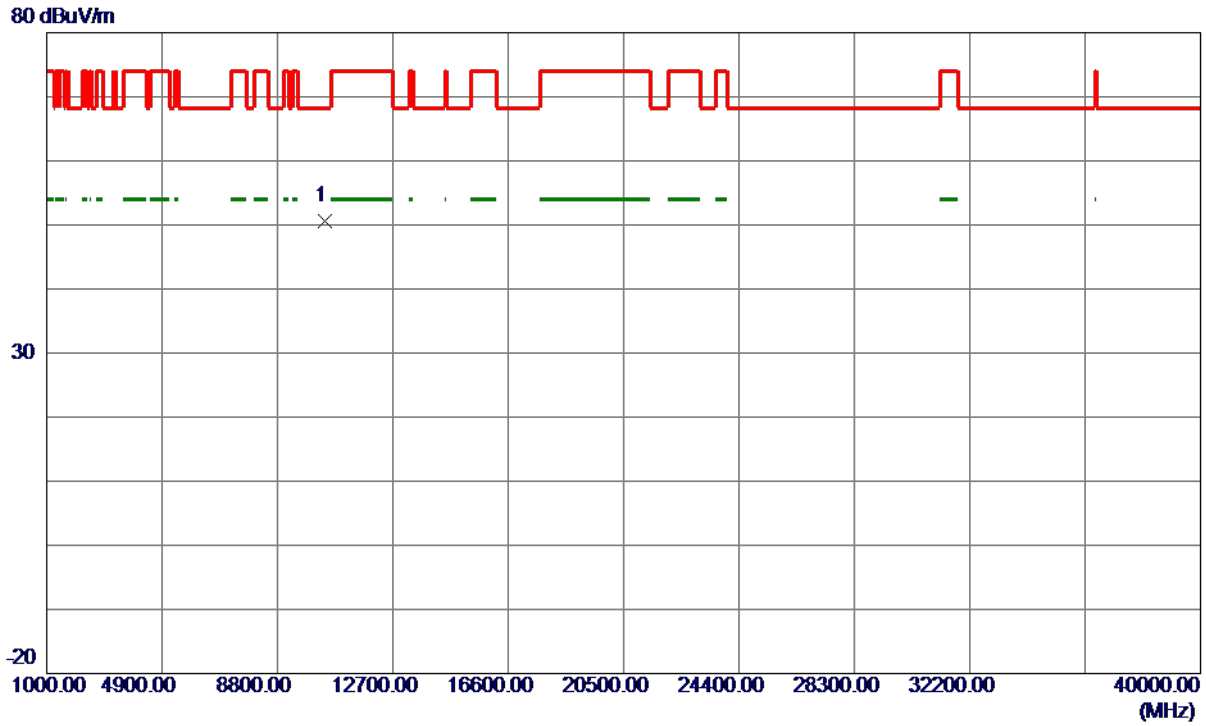



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5194.6000 | 87.52 | 14.76 | 102.28 | 999.00 | -896.72 | AVG | No Limit |
| 2 * | 5195.4000 | 95.79 | 14.76 | 110.55 | 68.30 | 42.25 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX N (HT20) Mode 5200 MHz |

**Vertical**

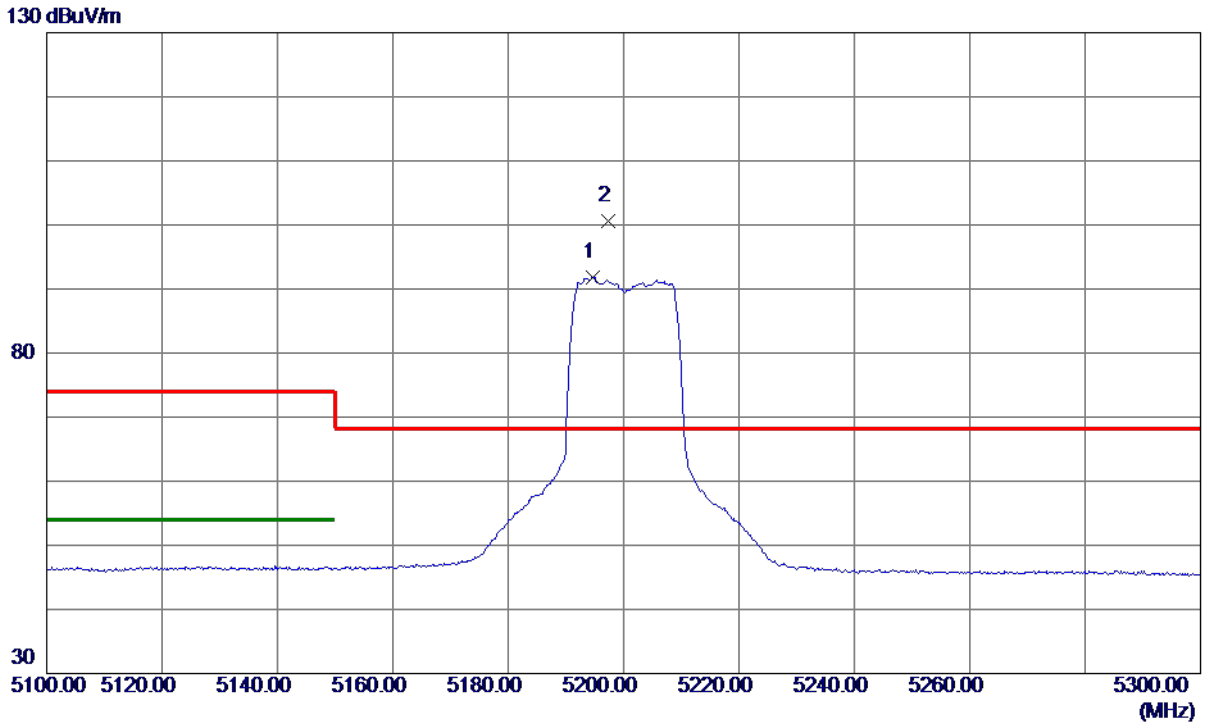



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10397.2000 | 39.89 | 10.69 | 50.58 | 68.30 | -17.72 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX N (HT20) Mode 5200 MHz |

**Horizontal**

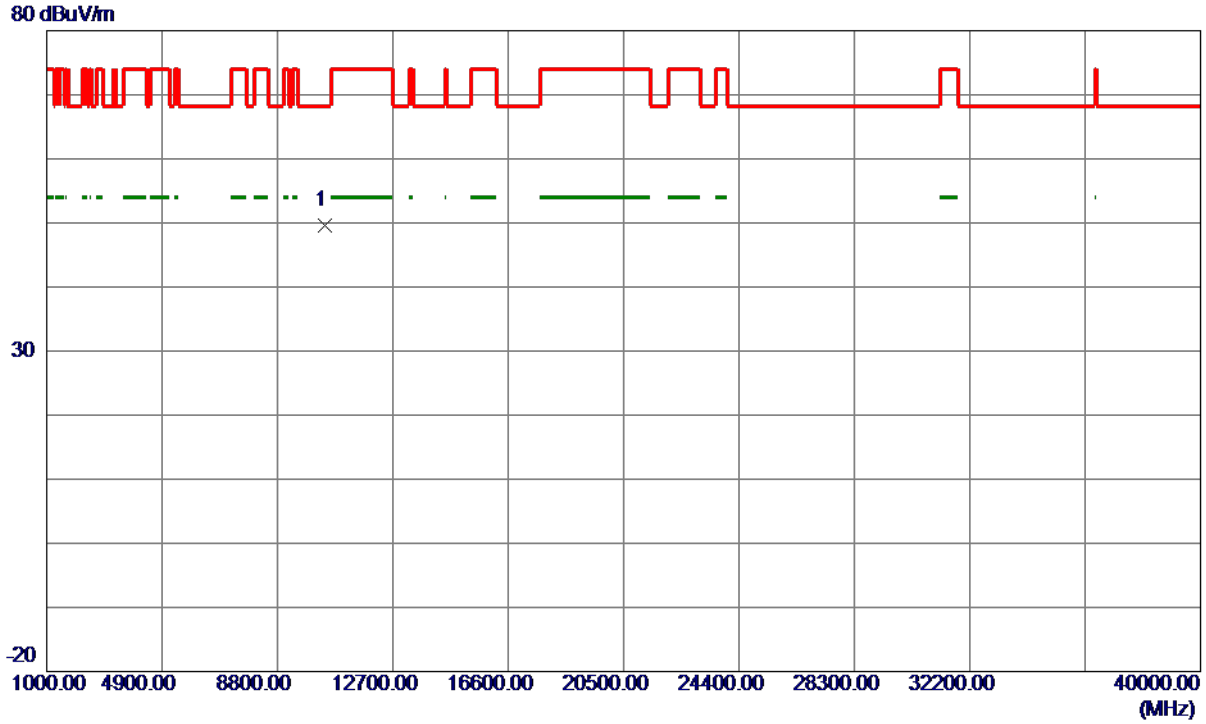



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5194.6000 | 75.99 | 15.83 | 91.82 | 999.00 | -907.18 | AVG | No Limit |
| 2 * | 5197.3000 | 84.78 | 15.83 | 100.61 | 68.30 | 32.31 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX N (HT20) Mode 5200 MHz |

**Horizontal**

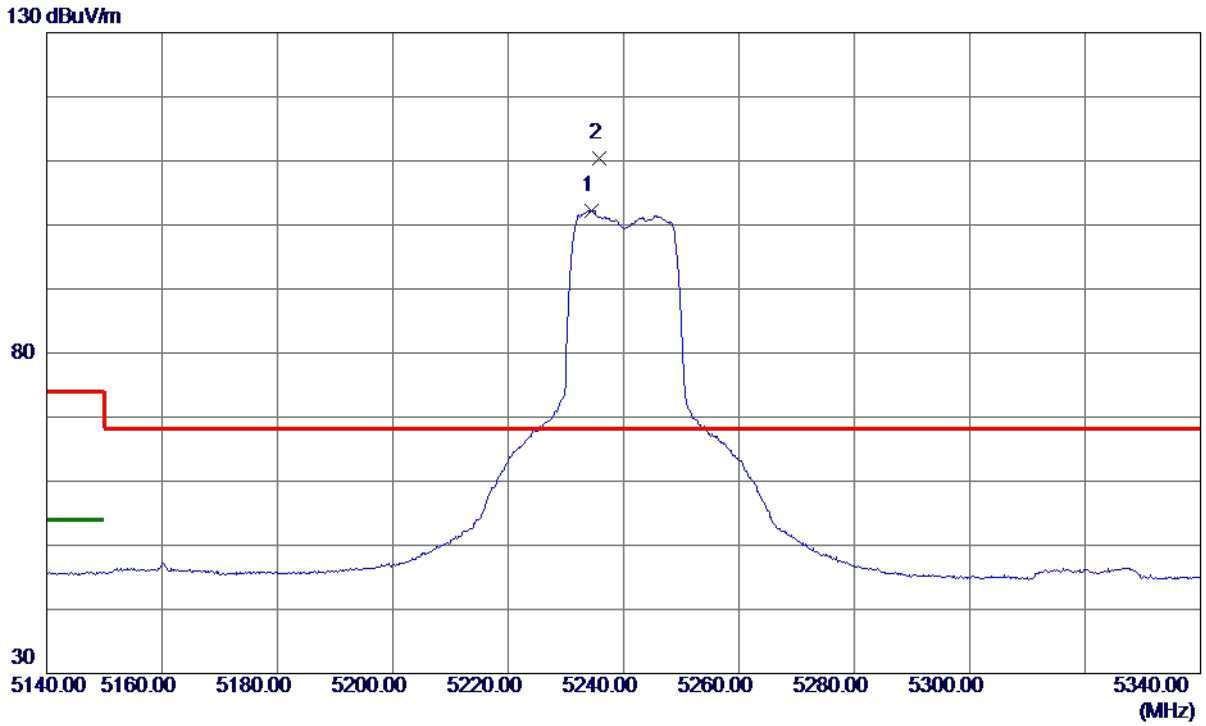



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10396.1750 | 38.86 | 10.69 | 49.55 | 68.30 | -18.75 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX N (HT20) Mode 5240 MHz |

**Vertical**

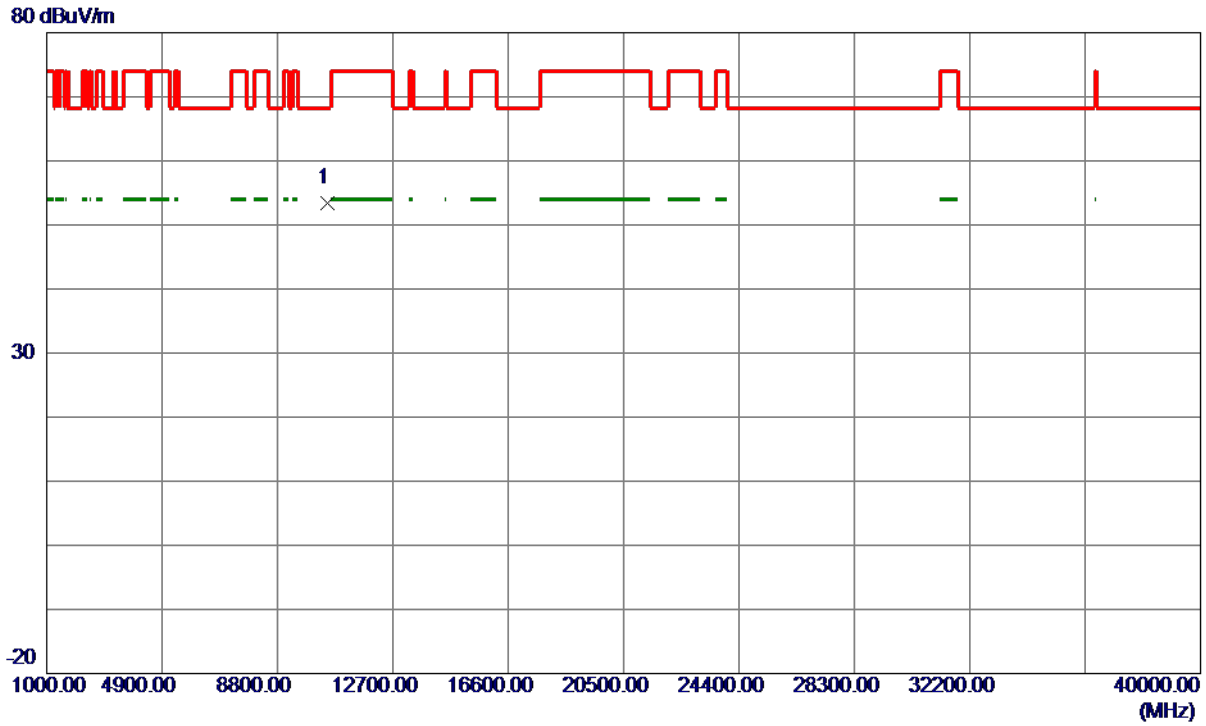



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5234.5000 | 87.44 | 14.81 | 102.25 | 999.00 | -896.75 | AVG | No Limit |
| 2 * | 5235.8000 | 95.52 | 14.82 | 110.34 | 68.30 | 42.04 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX N (HT20) Mode 5240 MHz |

**Vertical**

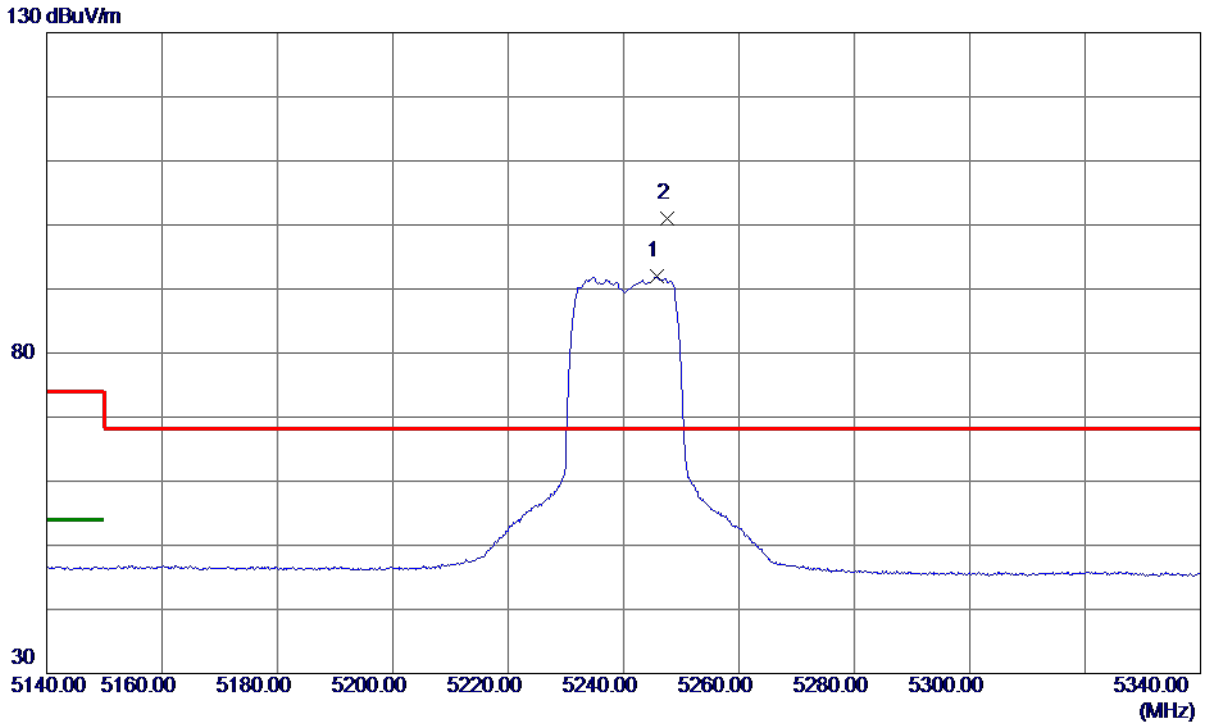



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10481.9200 | 42.65 | 10.83 | 53.48 | 68.30 | -14.82 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX N (HT20) Mode 5240 MHz |

**Horizontal**

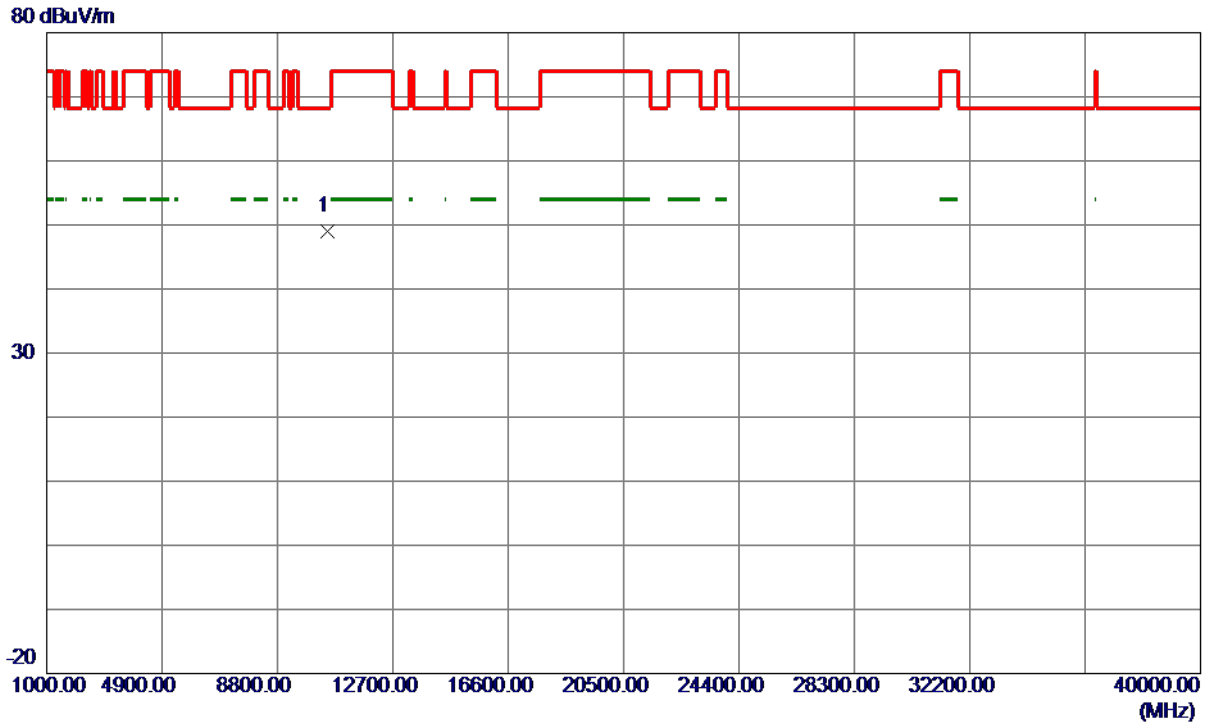



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5245.7000 | 76.02 | 15.93 | 91.95 | 999.00 | -907.05 | AVG | No Limit |
| 2 * | 5247.6000 | 85.02 | 15.93 | 100.95 | 68.30 | 32.65 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX N (HT20) Mode 5240 MHz |

**Horizontal**

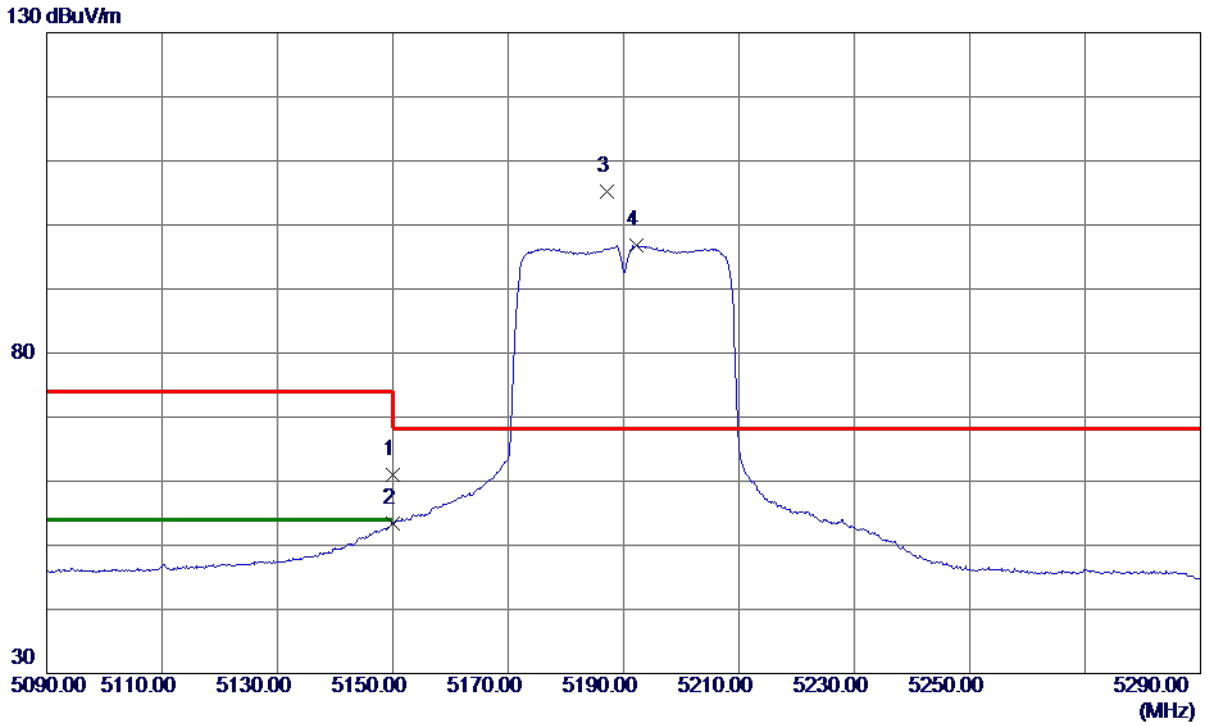



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10480.5500 | 38.15 | 10.83 | 48.98 | 68.30 | -19.32 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX N (HT40) Mode 5190 MHz |

**Vertical**

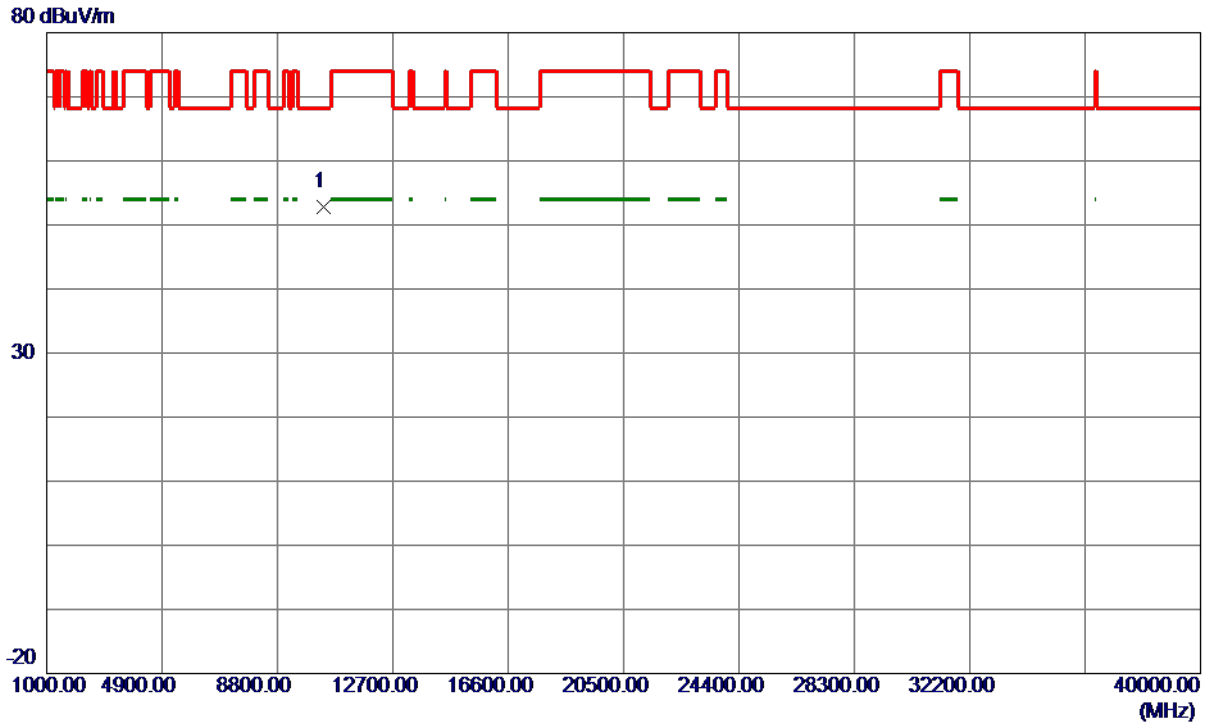



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5150.0000 | 46.21 | 14.70 | 60.91 | 74.00 | -13.09 | Peak | |
| 2 | 5150.0000 | 38.63 | 14.70 | 53.33 | 54.00 | -0.67 | AVG | |
| 3 * | 5187.1000 | 90.44 | 14.75 | 105.19 | 68.30 | 36.89 | Peak | No Limit |
| 4 | 5192.3000 | 82.05 | 14.76 | 96.81 | 999.00 | -902.19 | AVG | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX N (HT40) Mode 5190 MHz |

**Vertical**

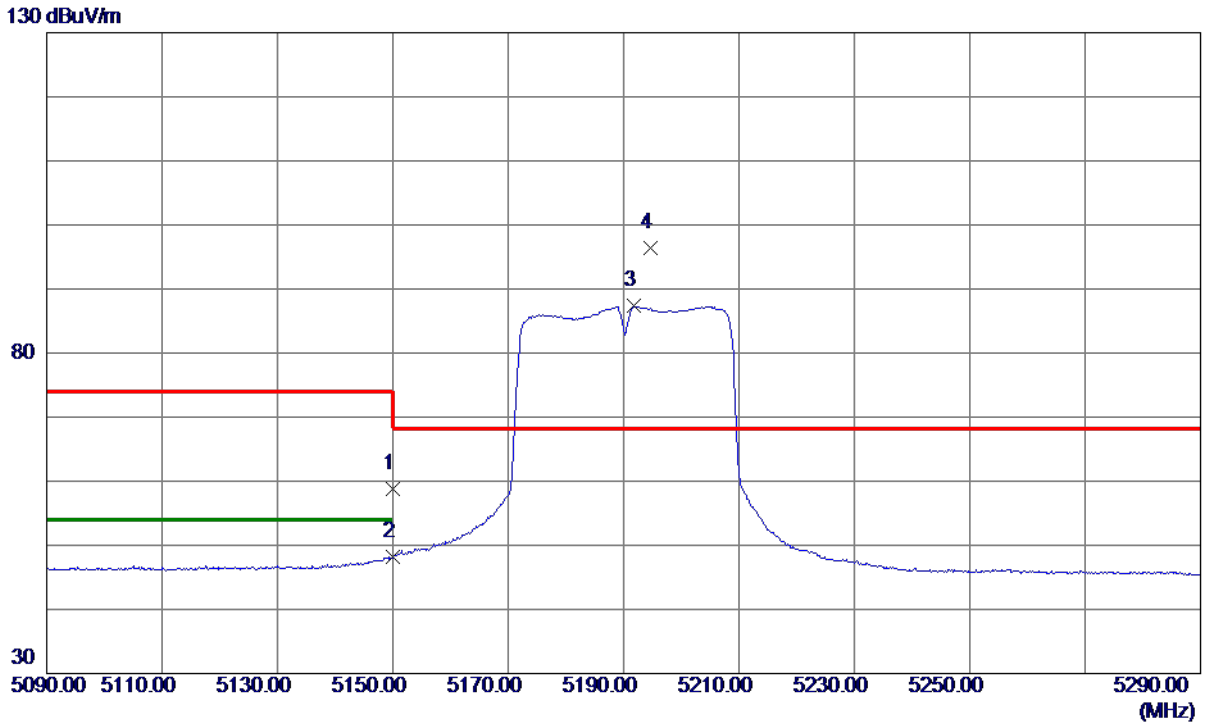



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10380.1650 | 42.09 | 10.66 | 52.75 | 68.30 | -15.55 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX N (HT40) Mode 5190 MHz |

**Horizontal**

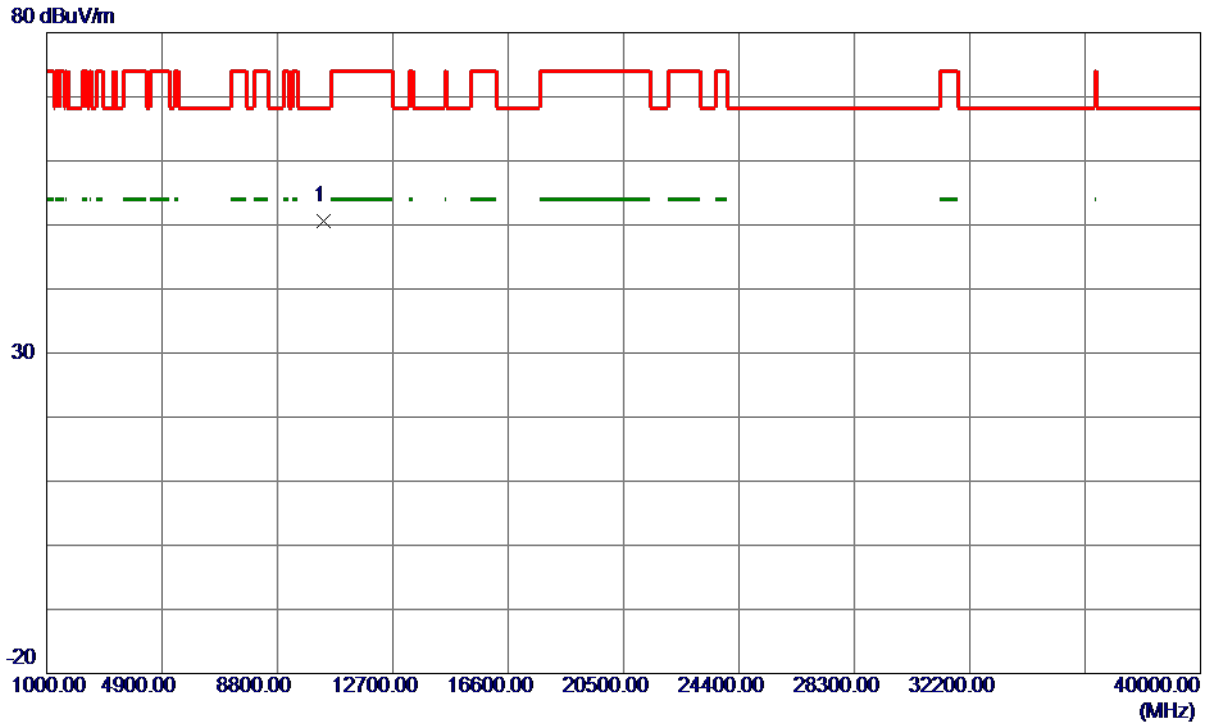



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5150.0000 | 43.00 | 15.74 | 58.74 | 74.00 | -15.26 | Peak | |
| 2 | 5150.0000 | 32.39 | 15.74 | 48.13 | 54.00 | -5.87 | AVG | |
| 3 | 5191.8000 | 71.49 | 15.82 | 87.31 | 999.00 | -911.69 | AVG | No Limit |
| 4 * | 5194.6000 | 80.48 | 15.83 | 96.31 | 68.30 | 28.01 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX N (HT40) Mode 5190 MHz |

**Horizontal**

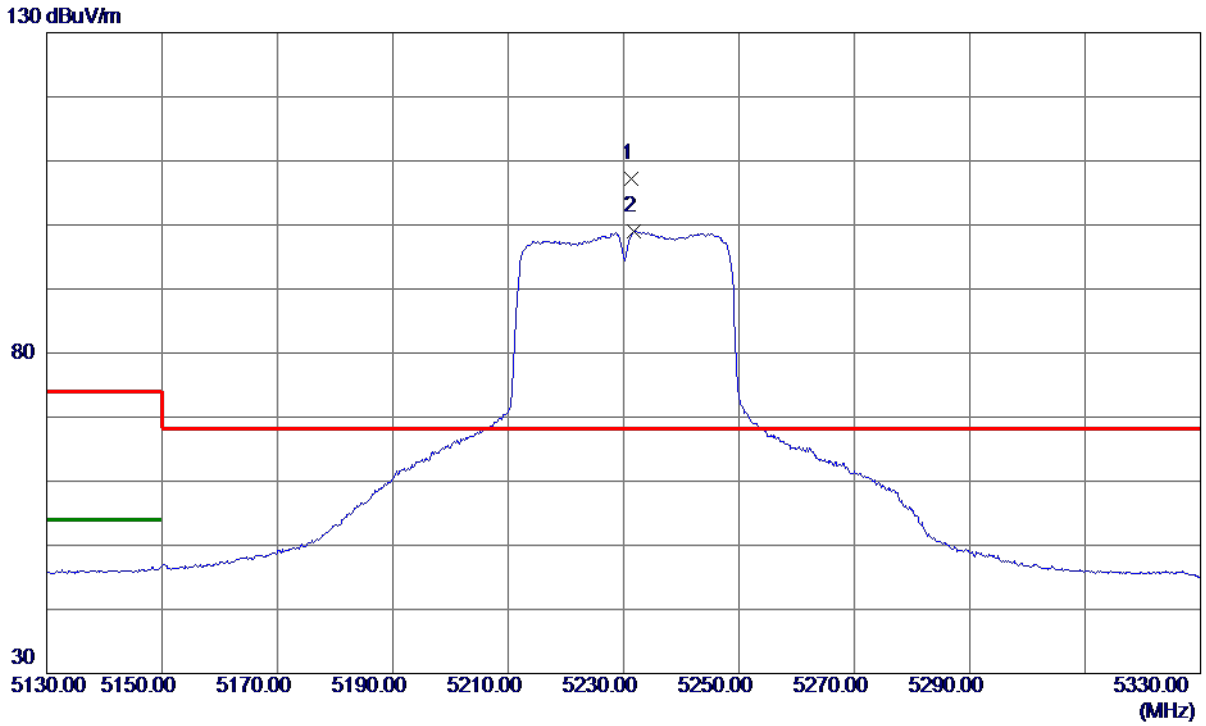



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10379.7250 | 39.98 | 10.66 | 50.64 | 68.30 | -17.66 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX N (HT40) Mode 5230 MHz |

**Vertical**

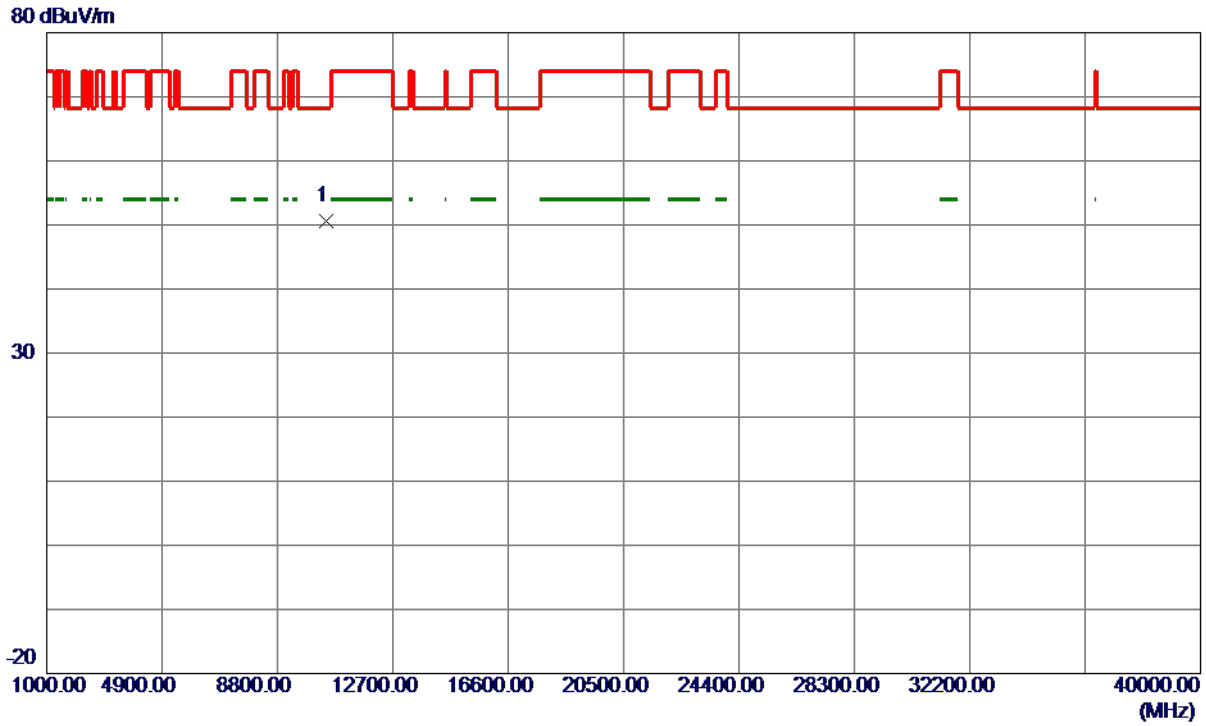



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5231.4000 | 92.35 | 14.81 | 107.16 | 68.30 | 38.86 | Peak | No Limit |
| 2 | 5231.7000 | 84.26 | 14.81 | 99.07 | 999.00 | -899.93 | AVG | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX N (HT40) Mode 5230 MHz |

**Vertical**

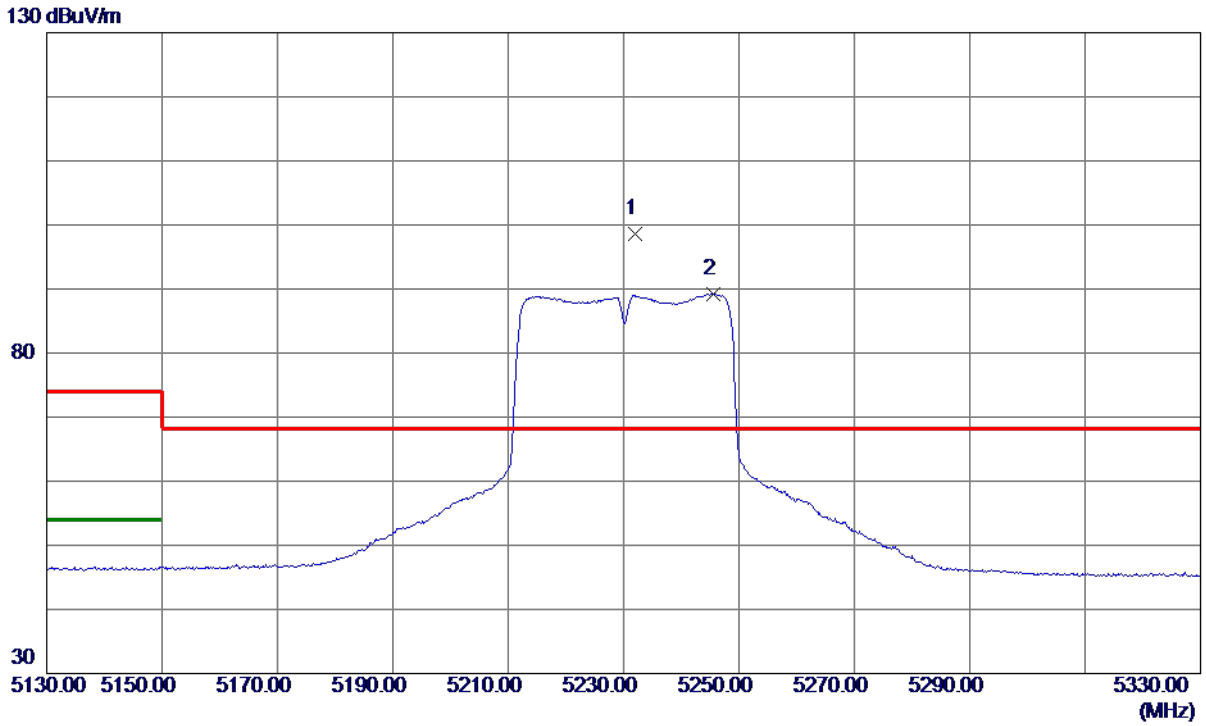



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10460.1700 | 39.82 | 10.79 | 50.61 | 68.30 | -17.69 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX N (HT40) Mode 5230 MHz |

**Horizontal**

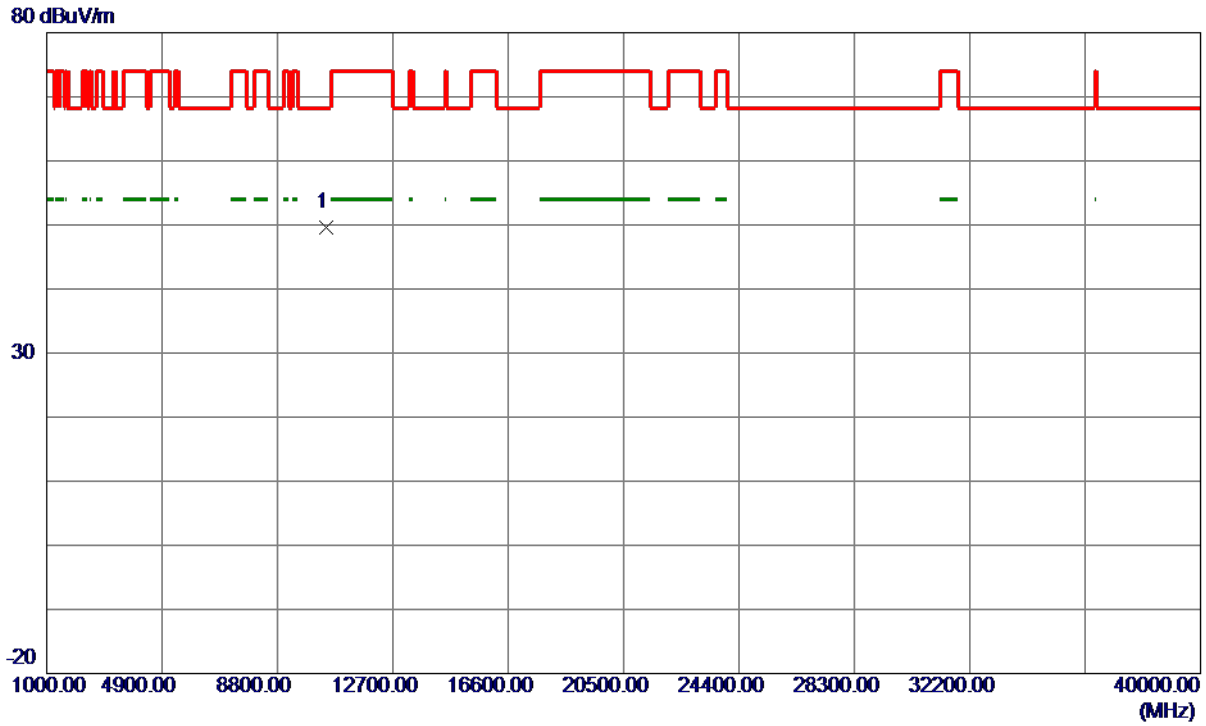



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5231.9000 | 82.75 | 15.90 | 98.65 | 68.30 | 30.35 | Peak | No Limit |
| 2 | 5245.5000 | 73.34 | 15.93 | 89.27 | 999.00 | -909.73 | AVG | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-1_TX N (HT40) Mode 5230 MHz |

**Horizontal**

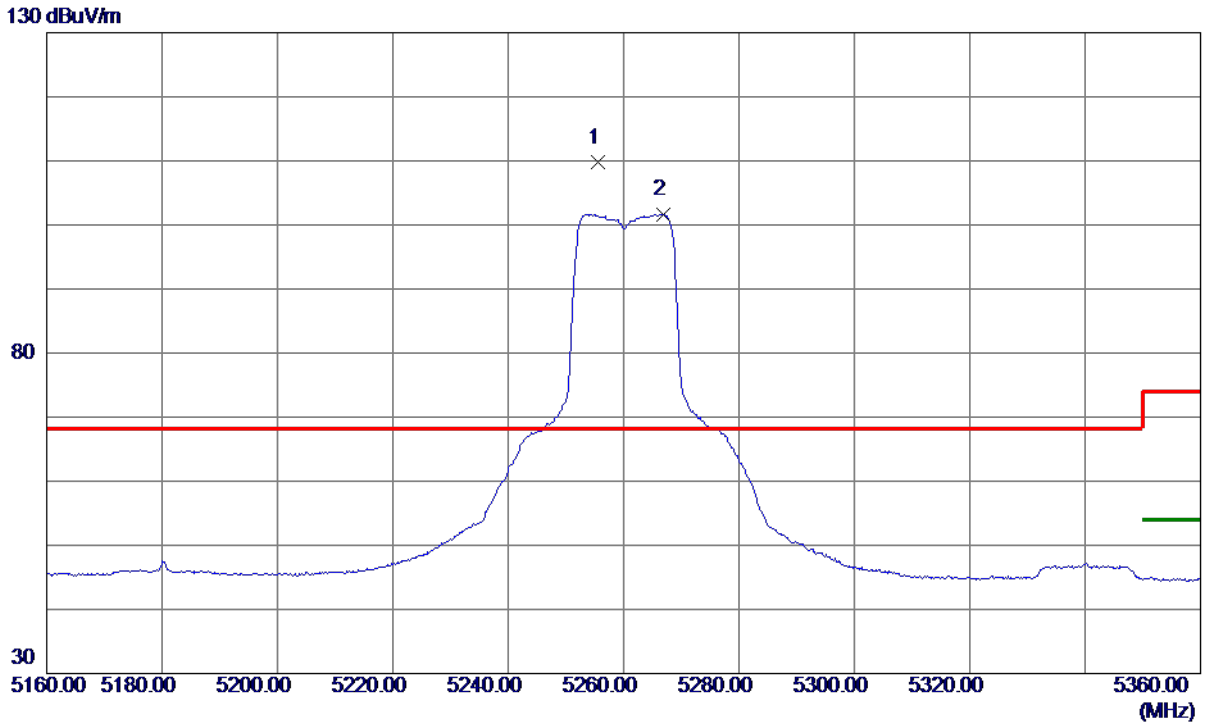



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10460.0100 | 38.89 | 10.79 | 49.68 | 68.30 | -18.62 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX A Mode 5260 MHz |

**Vertical**




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5255.5000 | 94.86 | 14.84 | 109.70 | 68.30 | 41.40 | Peak | No Limit |
| 2 | 5266.9000 | 86.81 | 14.86 | 101.67 | 999.00 | -897.33 | AVG | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX A Mode 5260 MHz |

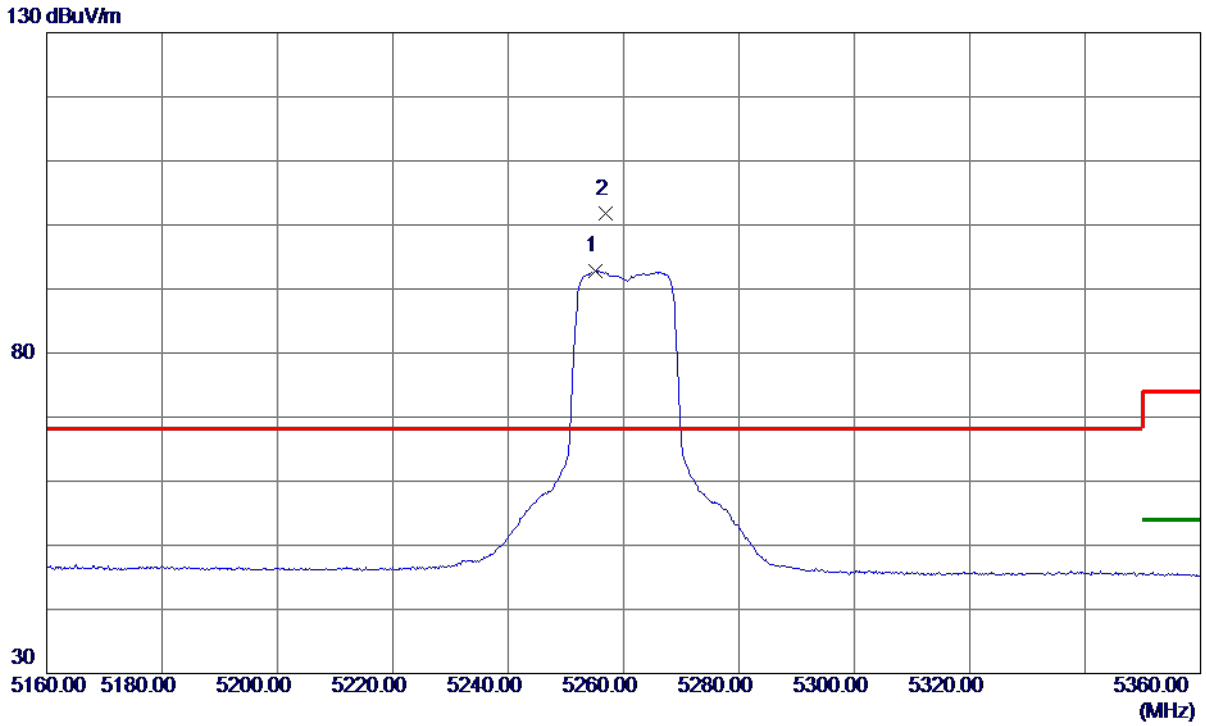
**Vertical**


| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10520.7750 | 40.62 | 10.87 | 51.49 | 68.30 | -16.81 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX A Mode 5260 MHz |

**Horizontal**




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5255.2000 | 76.82 | 15.95 | 92.77 | 999.00 | -906.23 | AVG | No Limit |
| 2 * | 5256.8000 | 85.75 | 15.95 | 101.70 | 68.30 | 33.40 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX A Mode 5260 MHz |

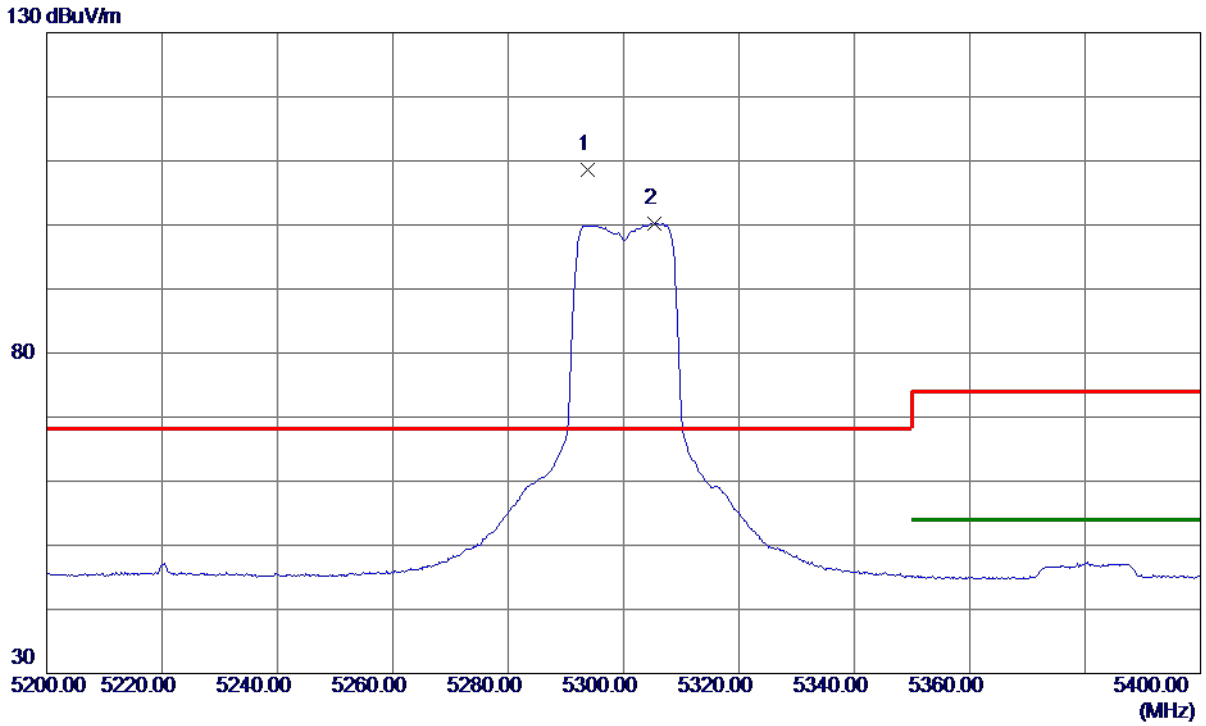
**Horizontal**


| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10520.9000 | 40.46 | 10.87 | 51.33 | 68.30 | -16.97 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX A Mode 5300 MHz |

**Vertical**

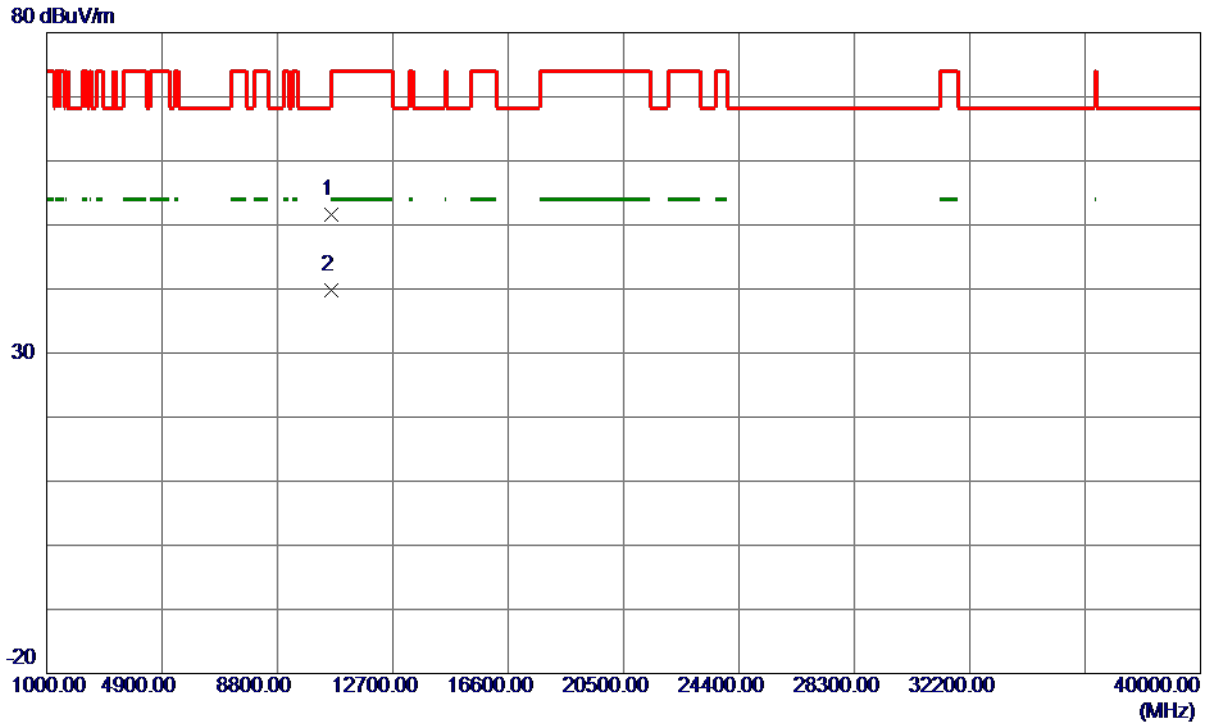



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5293.7000 | 93.70 | 14.89 | 108.59 | 68.30 | 40.29 | Peak | No Limit |
| 2 | 5305.4000 | 85.37 | 14.91 | 100.28 | 999.00 | -898.72 | AVG | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX A Mode 5300 MHz |

**Vertical**

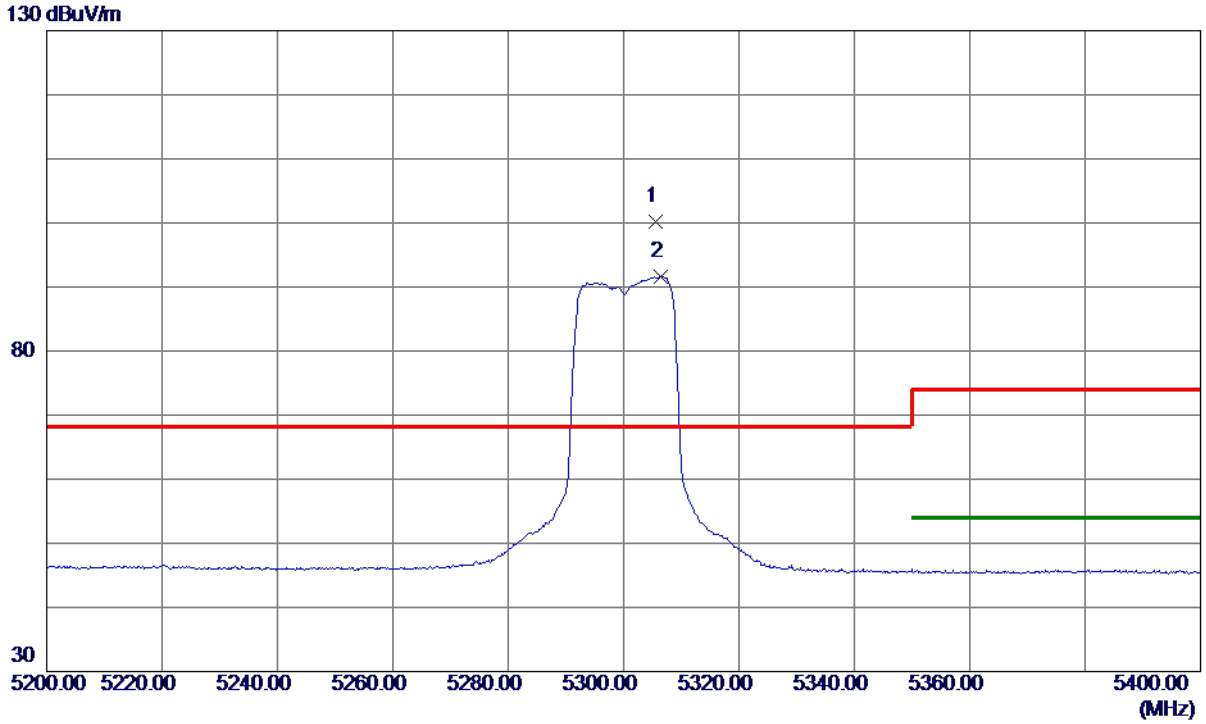



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 10600.3949 | 40.68 | 10.91 | 51.59 | 74.00 | -22.41 | Peak | |
| 2 * | 10600.5250 | 28.82 | 10.91 | 39.73 | 54.00 | -14.27 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX A Mode 5300 MHz |

**Horizontal**

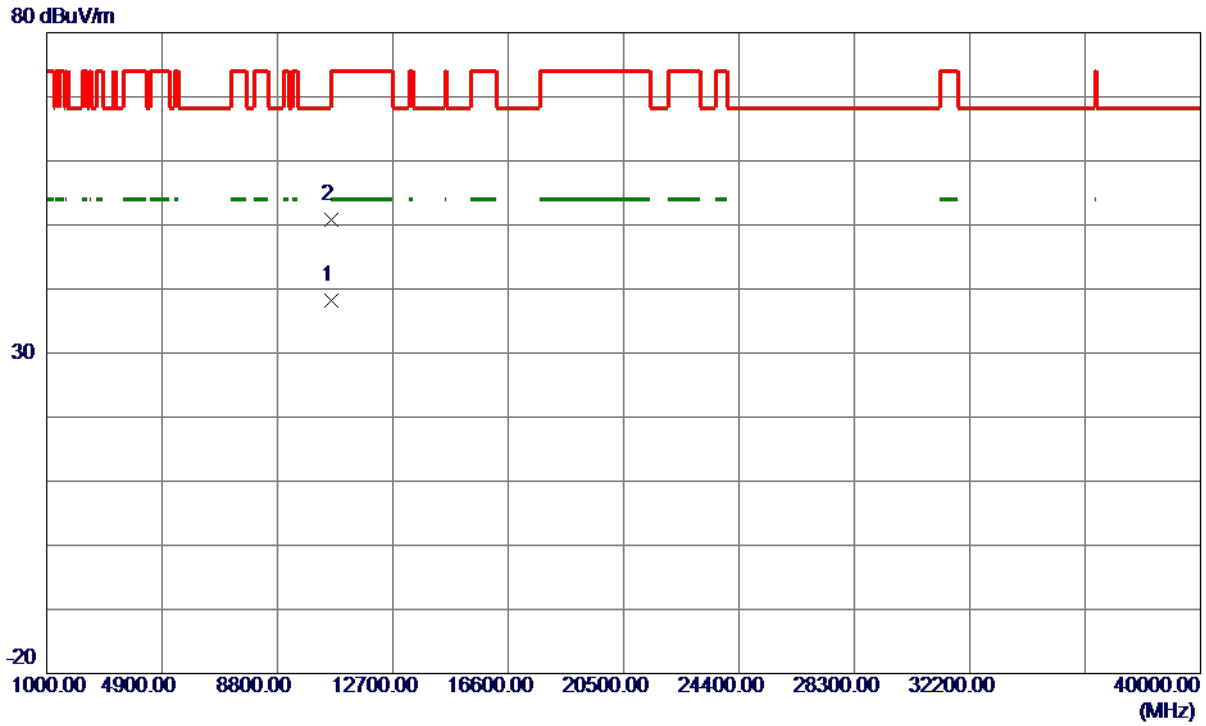



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5305.5000 | 84.23 | 16.04 | 100.27 | 68.30 | 31.97 | Peak | No Limit |
| 2 | 5306.4000 | 75.50 | 16.05 | 91.55 | 999.00 | -907.45 | AVG | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX A Mode 5300 MHz |

**Horizontal**

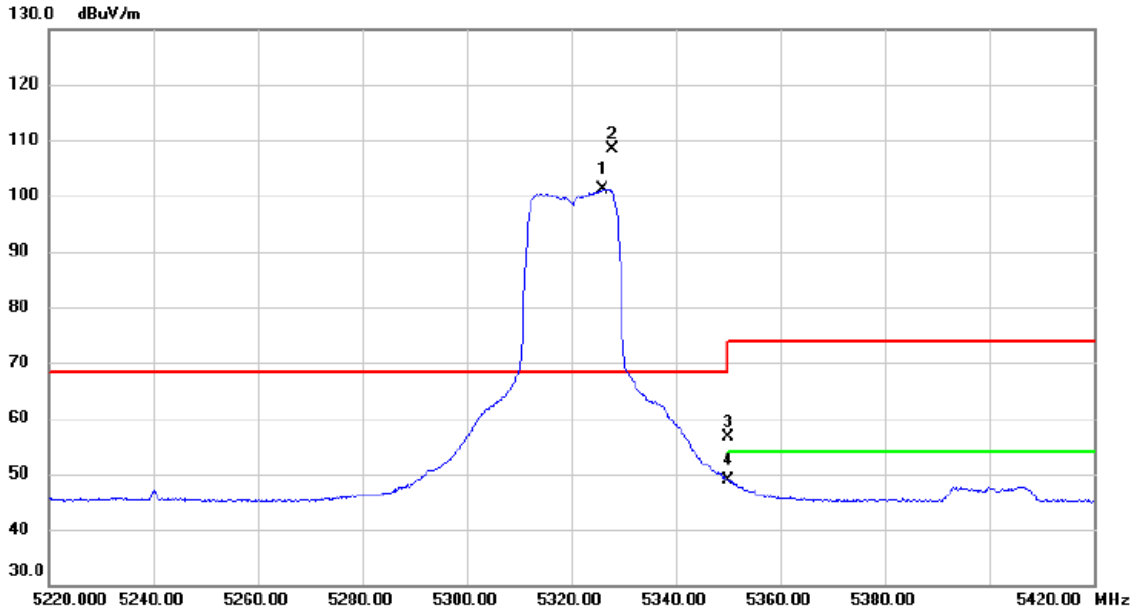



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10600.2330 | 27.36 | 10.91 | 38.27 | 54.00 | -15.73 | AVG | |
| 2 | 10602.3130 | 39.94 | 10.91 | 50.85 | 74.00 | -23.15 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX A Mode 5320 MHz |

**Vertical**

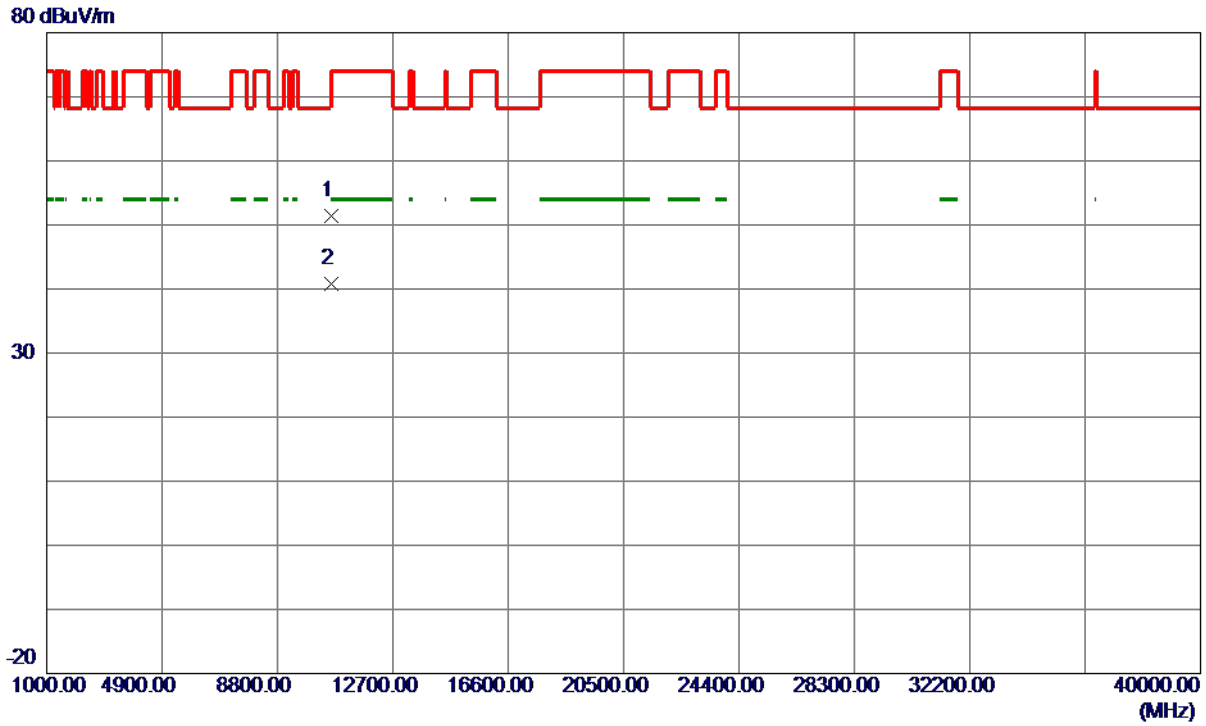



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | X | 5326.100 | 86.31 | 14.94 | 101.25 | 68.30 | 32.95 | AVG | No Limit |
| 2 | * | 5327.800 | 93.40 | 14.94 | 108.34 | 68.30 | 40.04 | peak | No Limit |
| 3 | | 5350.000 | 41.66 | 14.96 | 56.62 | 74.00 | -17.38 | peak | |
| 4 | | 5350.000 | 33.94 | 14.96 | 48.90 | 54.00 | -5.10 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX A Mode 5320 MHz |

**Vertical**

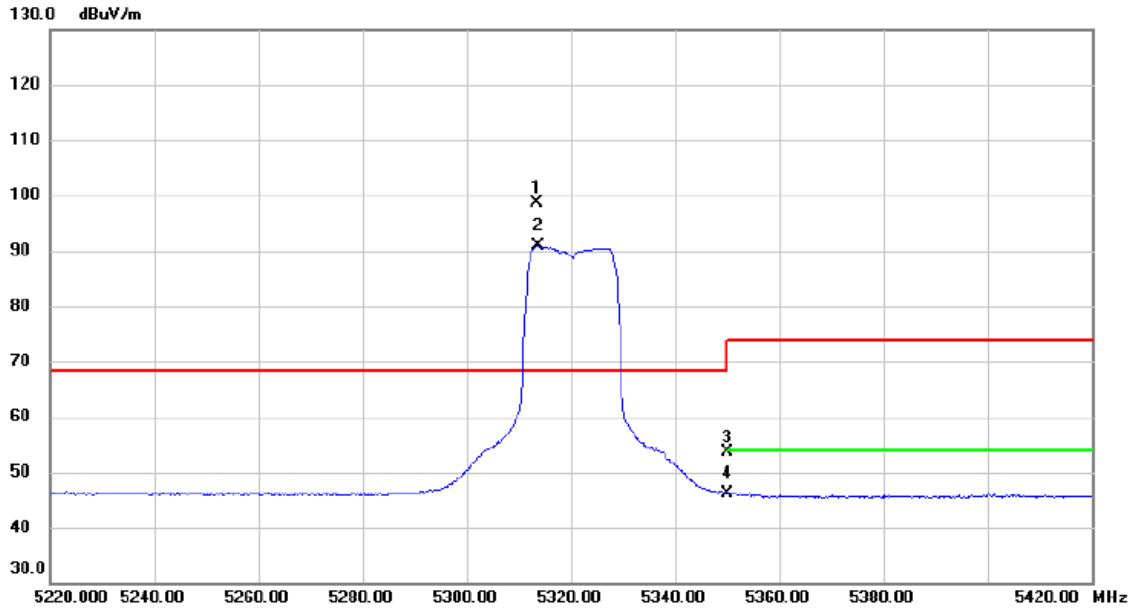



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 10638.2699 | 40.50 | 10.93 | 51.43 | 74.00 | -22.57 | Peak | |
| 2 * | 10640.7650 | 29.87 | 10.93 | 40.80 | 54.00 | -13.20 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX A Mode 5320 MHz |

**Horizontal**

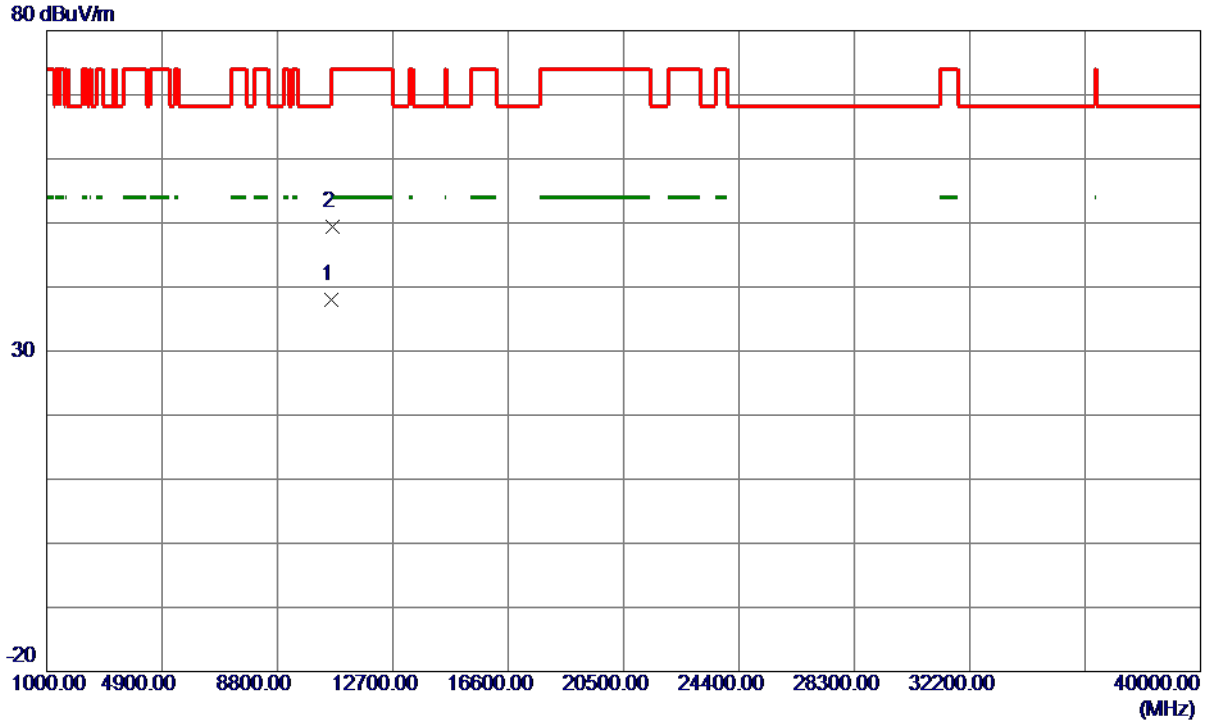



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | * | 5313.500 | 82.68 | 16.06 | 98.74 | 68.30 | 30.44 | peak | No Limit |
| 2 | X | 5313.600 | 74.79 | 16.06 | 90.85 | 68.30 | 22.55 | AVG | No Limit |
| 3 | | 5350.000 | 37.44 | 16.13 | 53.57 | 74.00 | -20.43 | peak | |
| 4 | | 5350.000 | 29.89 | 16.13 | 46.02 | 54.00 | -7.98 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX A Mode 5320 MHz |

**Horizontal**

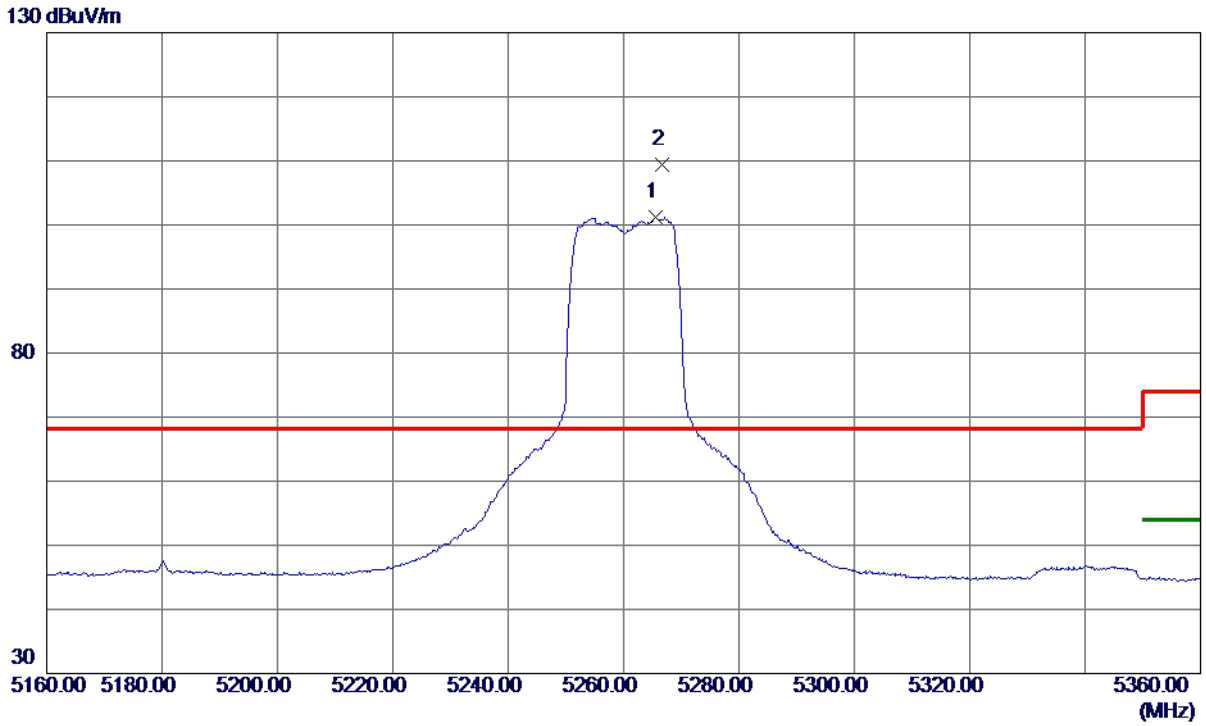



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10640.6200 | 27.12 | 10.93 | 38.05 | 54.00 | -15.95 | AVG | |
| 2 | 10642.1900 | 38.39 | 10.93 | 49.32 | 74.00 | -24.68 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX N (HT20) Mode 5260 MHz |

**Vertical**

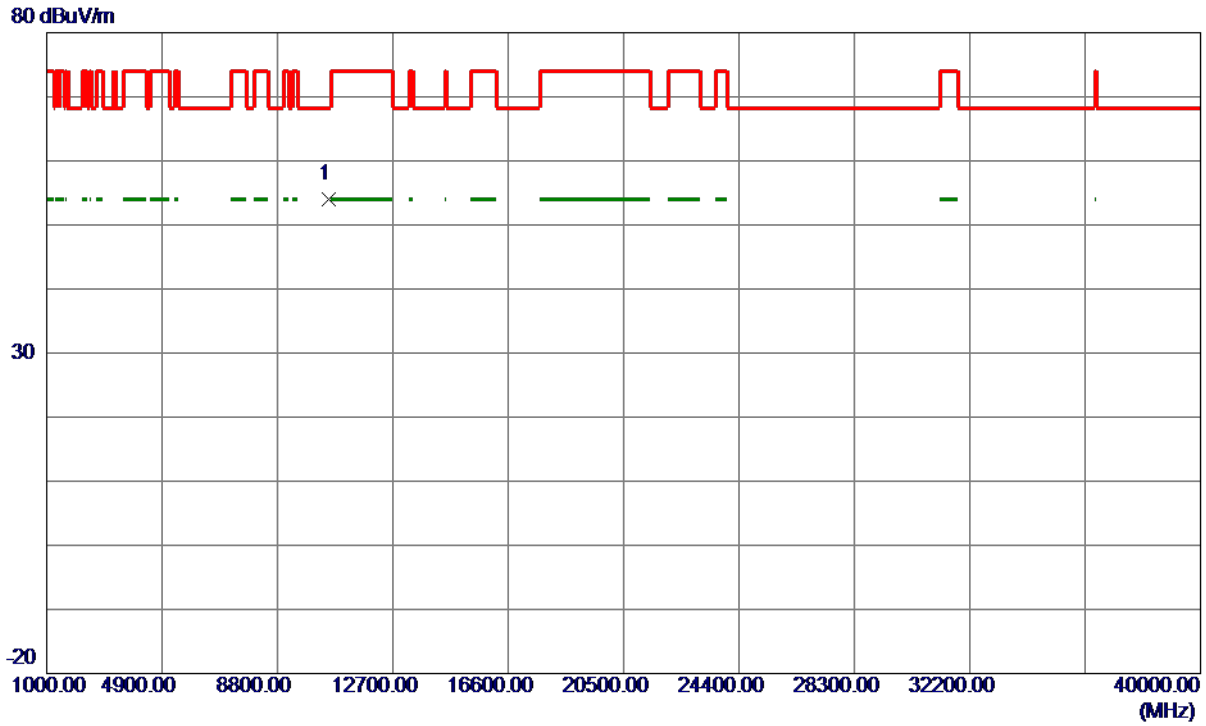



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5265.5000 | 86.40 | 14.86 | 101.26 | 999.00 | -897.74 | AVG | No Limit |
| 2 * | 5266.7000 | 94.45 | 14.86 | 109.31 | 68.30 | 41.01 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX N (HT20) Mode 5260 MHz |

**Vertical**

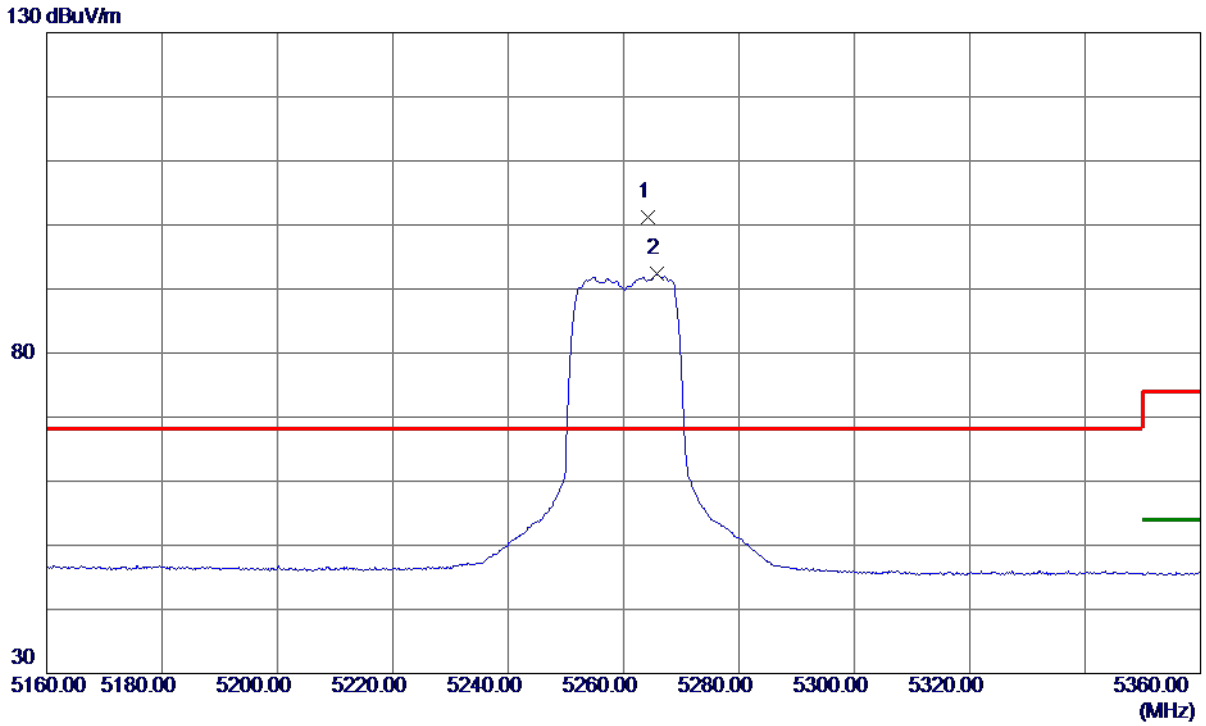



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10523.4300 | 43.04 | 10.87 | 53.91 | 68.30 | -14.39 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX N (HT20) Mode 5260 MHz |

**Horizontal**

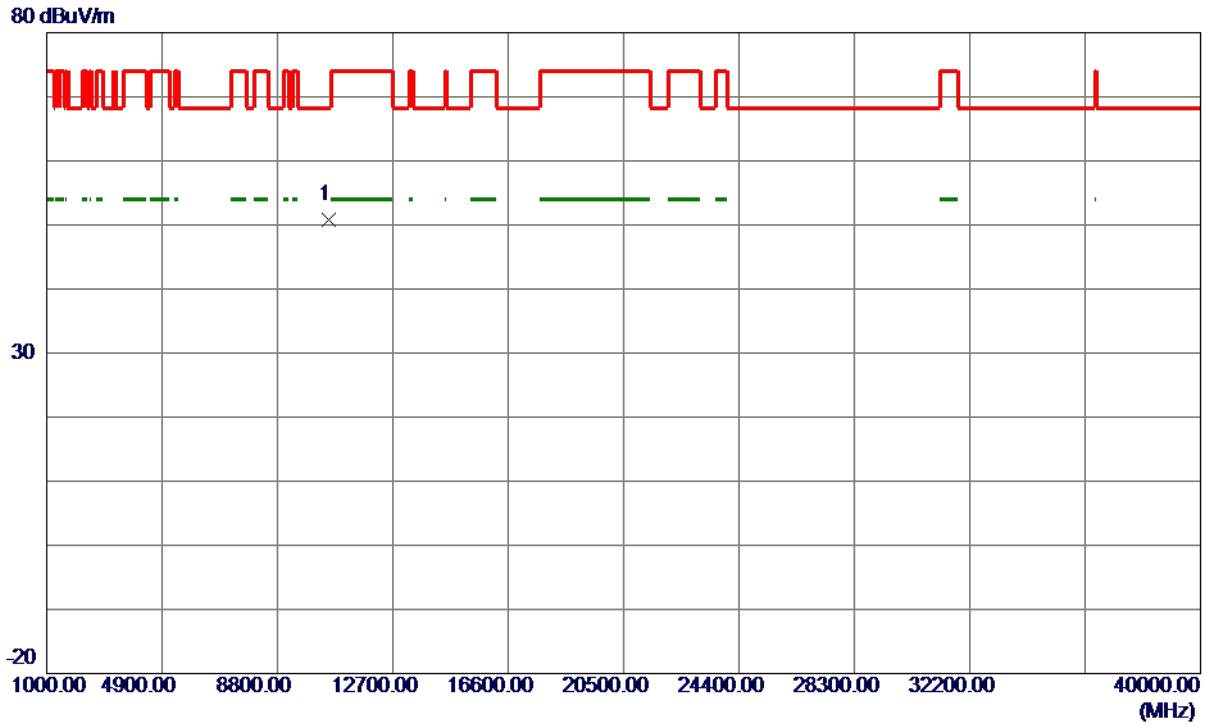



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5264.3000 | 85.21 | 15.96 | 101.17 | 68.30 | 32.87 | Peak | No Limit |
| 2 | 5265.7000 | 76.37 | 15.97 | 92.34 | 999.00 | -906.66 | AVG | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX N (HT20) Mode 5260 MHz |

**Horizontal**

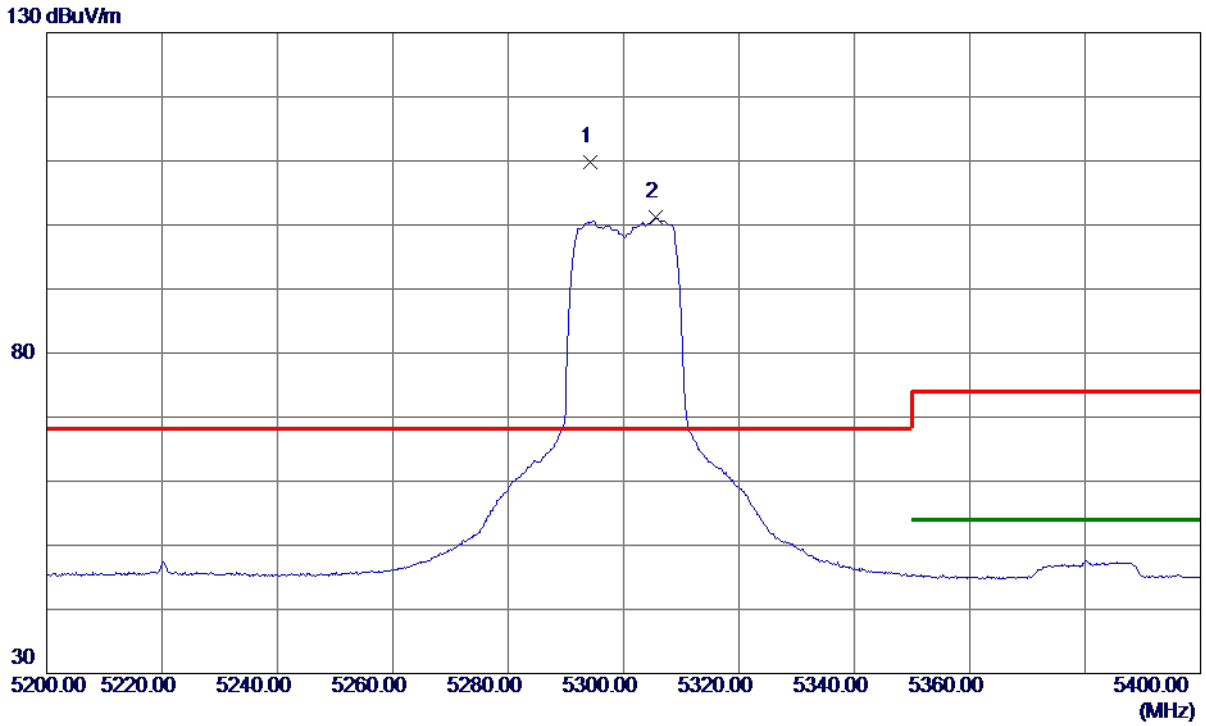



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10520.2900 | 39.92 | 10.87 | 50.79 | 68.30 | -17.51 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX N (HT20) Mode 5300 MHz |

**Vertical**

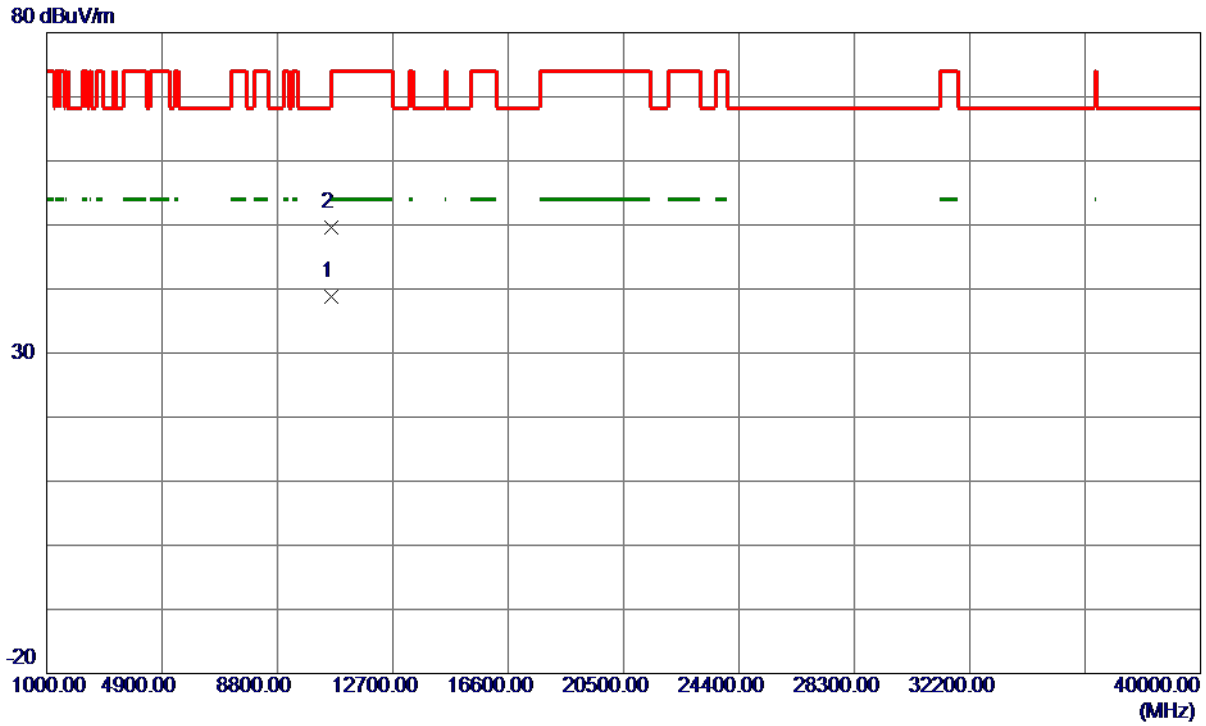



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5294.3000 | 94.99 | 14.89 | 109.88 | 68.30 | 41.58 | Peak | No Limit |
| 2 | 5305.6000 | 86.27 | 14.91 | 101.18 | 999.00 | -897.82 | AVG | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX N (HT20) Mode 5300 MHz |

**Vertical**

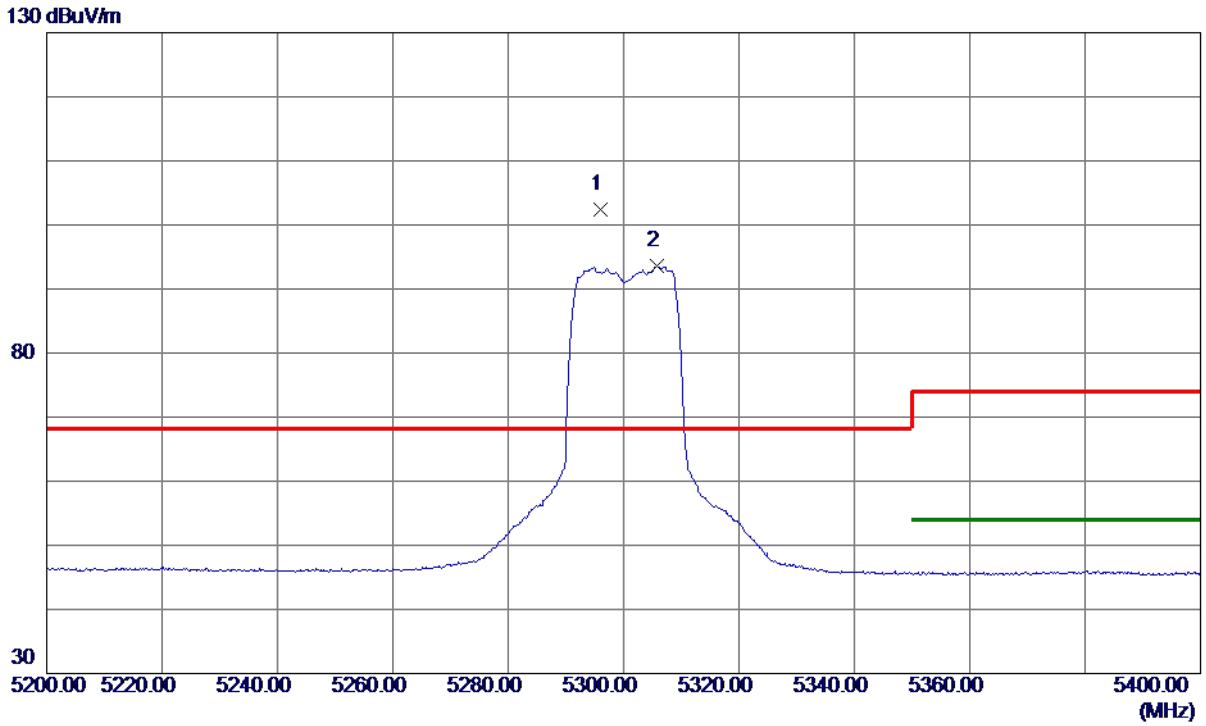



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10600.5800 | 27.95 | 10.91 | 38.86 | 54.00 | -15.14 | AVG | |
| 2 | 10600.9500 | 38.72 | 10.91 | 49.63 | 74.00 | -24.37 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX N (HT20) Mode 5300 MHz |

**Horizontal**

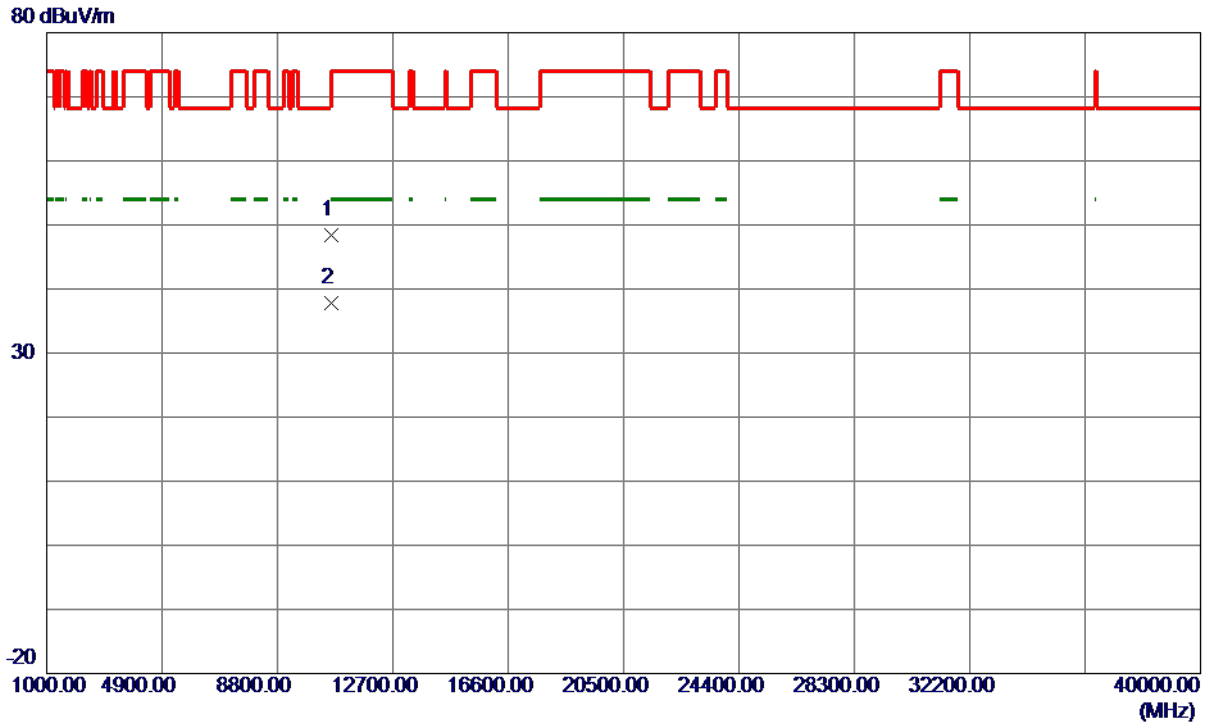



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5296.1000 | 86.30 | 16.03 | 102.33 | 68.30 | 34.03 | Peak | No Limit |
| 2 | 5305.7000 | 77.56 | 16.05 | 93.61 | 999.00 | -905.39 | AVG | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX N (HT20) Mode 5300 MHz |

**Horizontal**

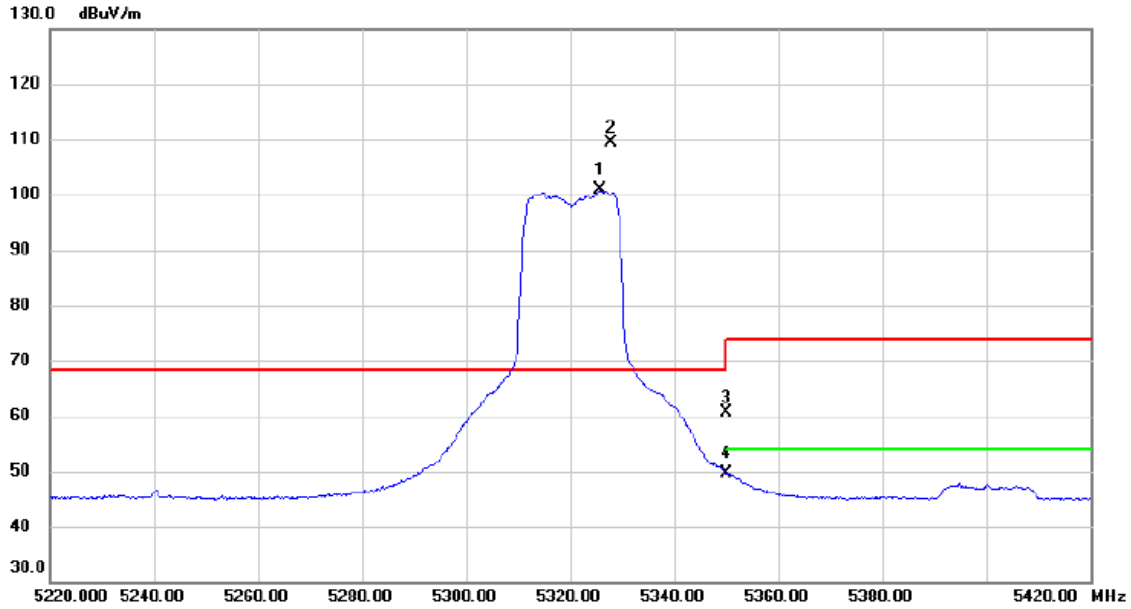



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 10600.5900 | 37.51 | 10.91 | 48.42 | 74.00 | -25.58 | Peak | |
| 2 * | 10600.7000 | 26.85 | 10.91 | 37.76 | 54.00 | -16.24 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX N (HT20) Mode 5320 MHz |

**Vertical**

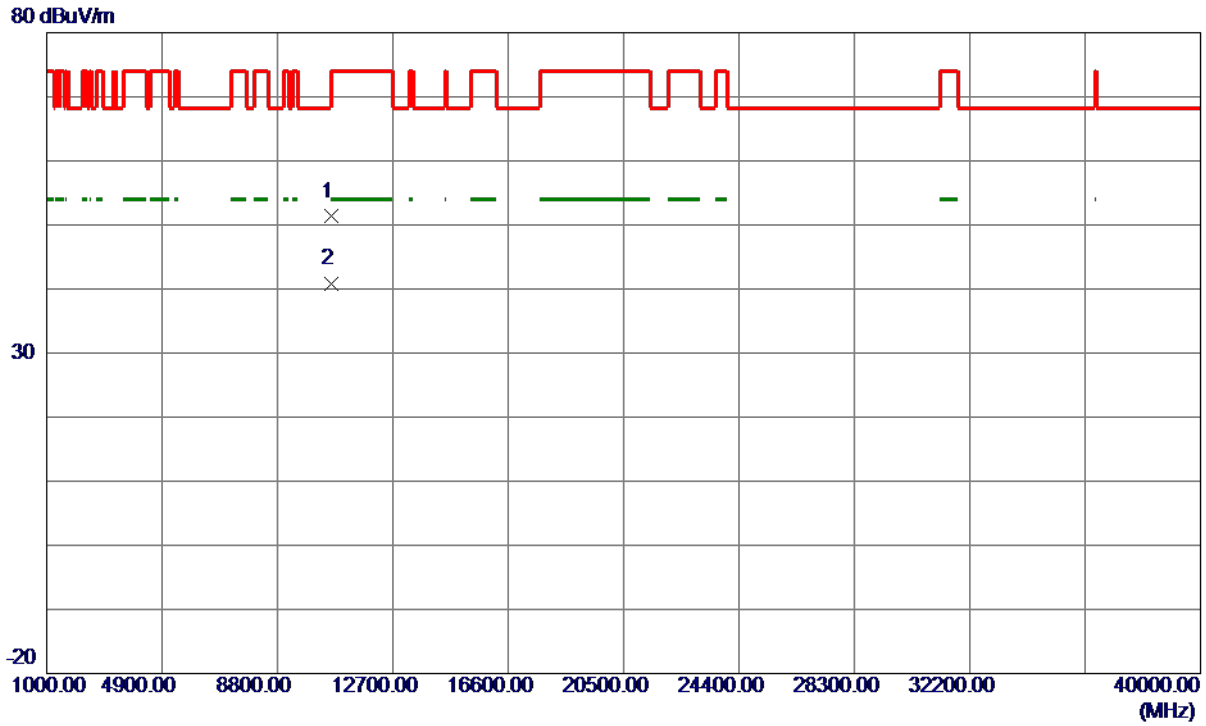



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | X | 5325.700 | 85.85 | 14.94 | 100.79 | 68.30 | 32.49 | AVG | No Limit |
| 2 | * | 5327.800 | 94.54 | 14.94 | 109.48 | 68.30 | 41.18 | peak | No Limit |
| 3 | | 5350.000 | 45.61 | 14.96 | 60.57 | 74.00 | -13.43 | peak | |
| 4 | | 5350.000 | 34.66 | 14.96 | 49.62 | 54.00 | -4.38 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX N (HT20) Mode 5320 MHz |

**Vertical**

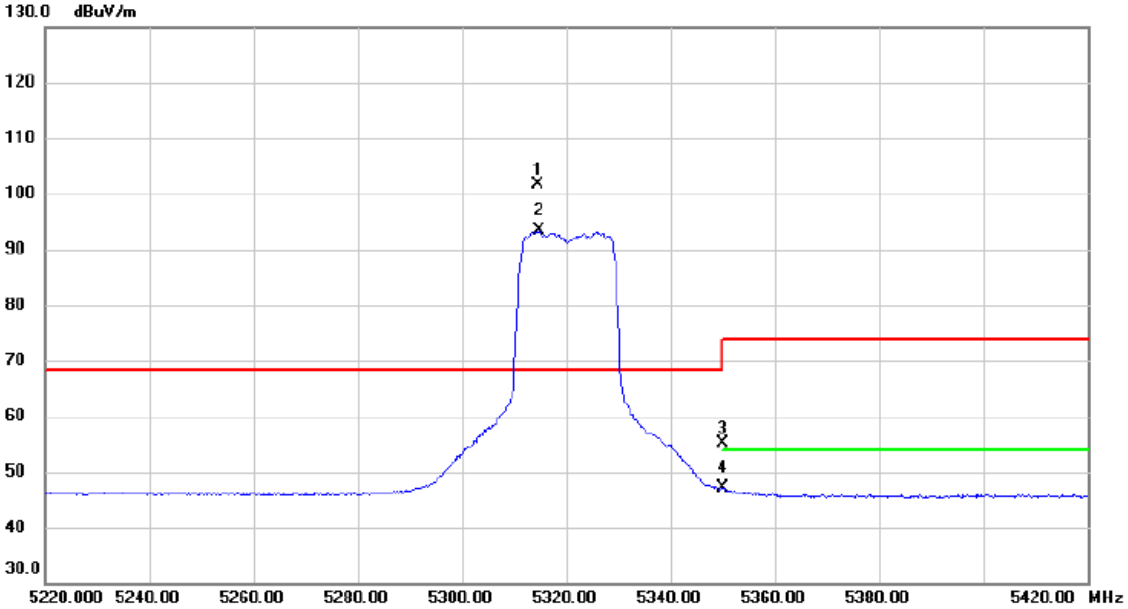



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 10640.5950 | 40.37 | 10.93 | 51.30 | 74.00 | -22.70 | Peak | |
| 2 * | 10640.6350 | 29.92 | 10.93 | 40.85 | 54.00 | -13.15 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX N (HT20) Mode 5320 MHz |

**Horizontal**

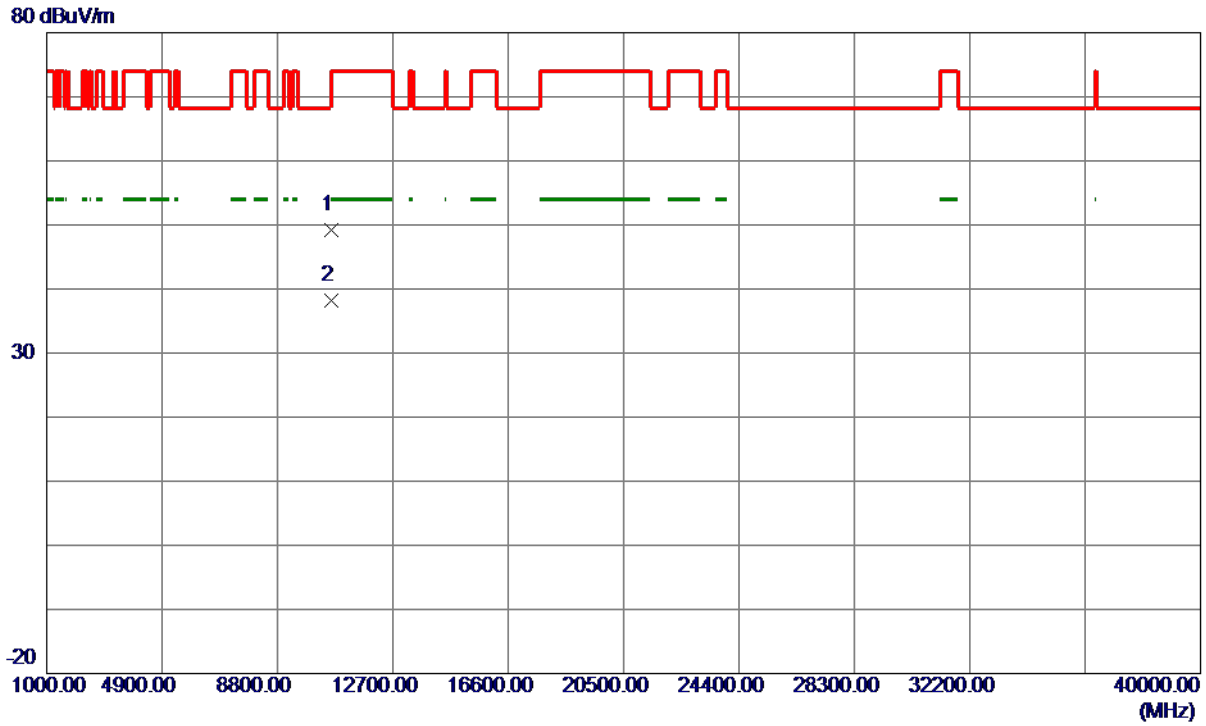



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | * | 5314.600 | 85.69 | 16.06 | 101.75 | 68.30 | 33.45 | peak | No Limit |
| 2 | X | 5314.800 | 77.25 | 16.06 | 93.31 | 68.30 | 25.01 | AVG | No Limit |
| 3 | | 5350.000 | 39.00 | 16.13 | 55.13 | 74.00 | -18.87 | peak | |
| 4 | | 5350.000 | 31.03 | 16.13 | 47.16 | 54.00 | -6.84 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX N (HT20) Mode 5320 MHz |

**Horizontal**

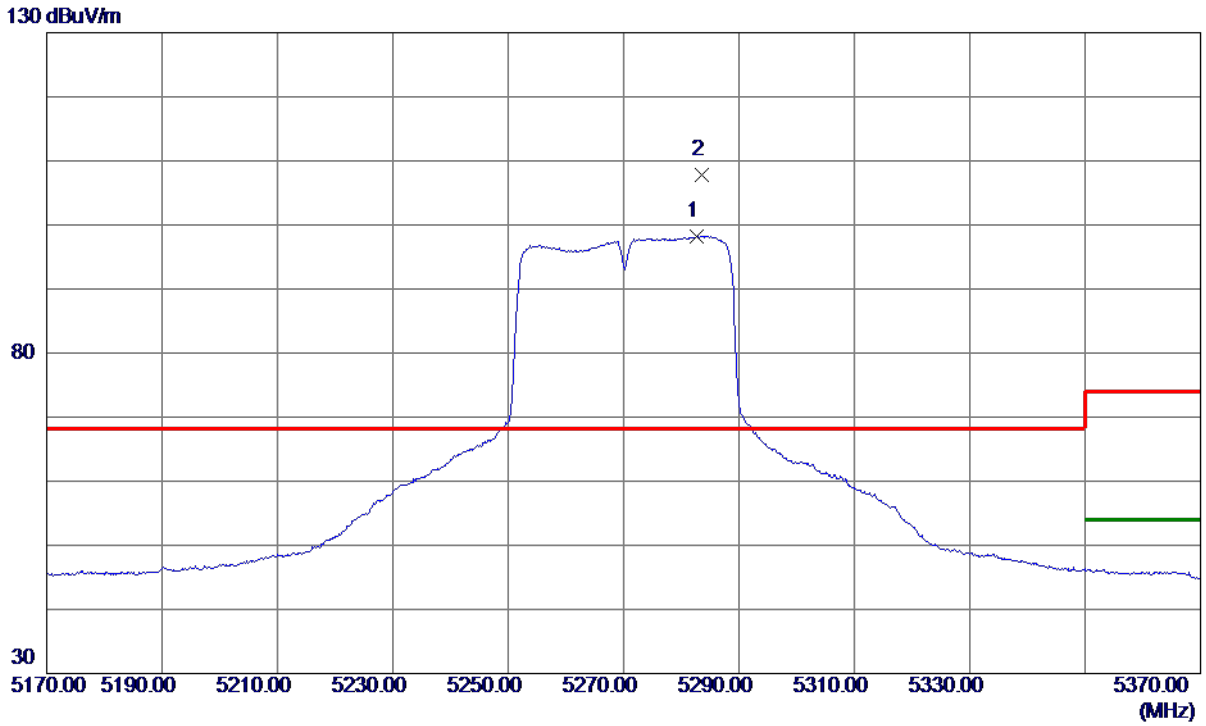



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 10638.9950 | 38.35 | 10.93 | 49.28 | 74.00 | -24.72 | Peak | |
| 2 * | 10640.4750 | 27.36 | 10.93 | 38.29 | 54.00 | -15.71 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX N (HT40) Mode 5270 MHz |

**Vertical**

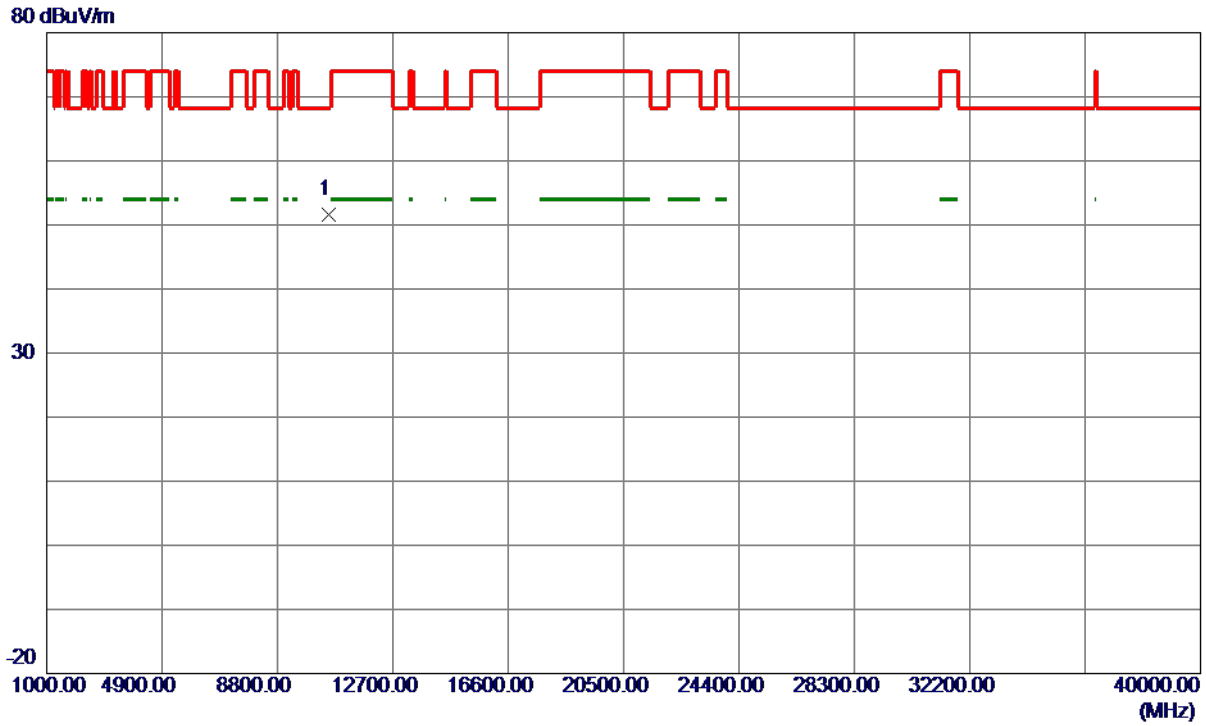



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5282.6000 | 83.36 | 14.88 | 98.24 | 999.00 | -900.76 | AVG | No Limit |
| 2 * | 5283.5000 | 92.83 | 14.88 | 107.71 | 68.30 | 39.41 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX N (HT40) Mode 5270 MHz |

**Vertical**

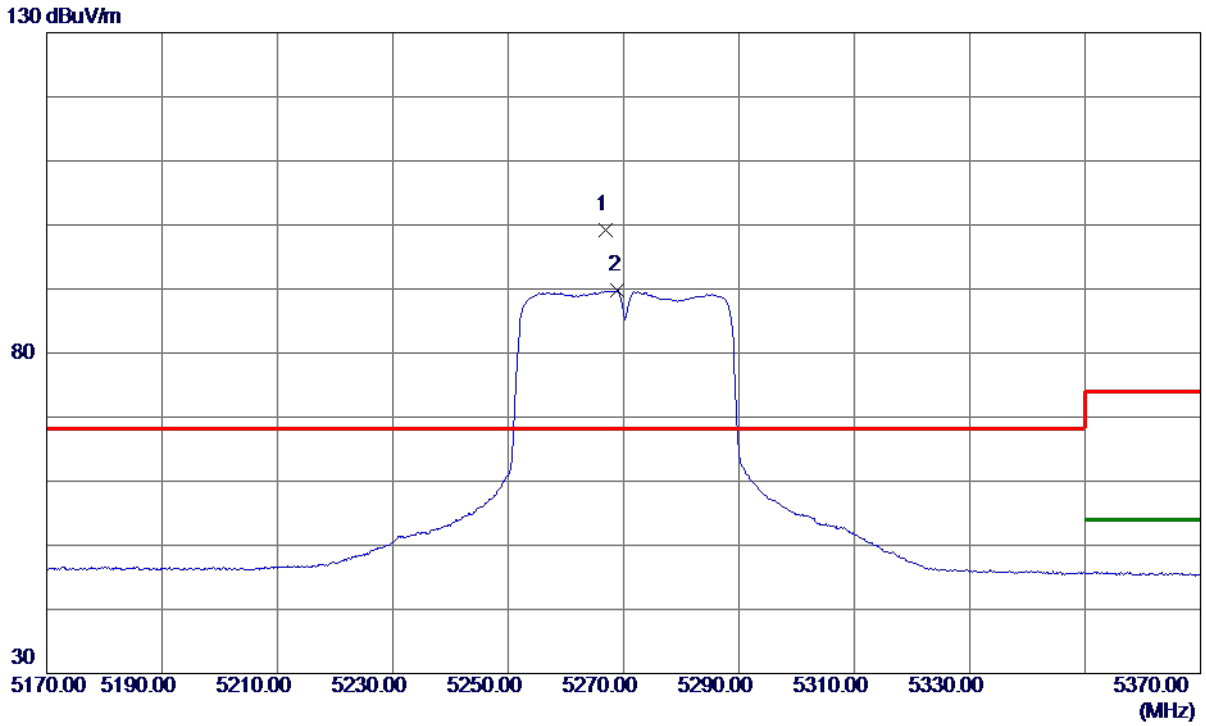



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10543.3600 | 40.75 | 10.88 | 51.63 | 68.30 | -16.67 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX N (HT40) Mode 5270 MHz |

**Horizontal**

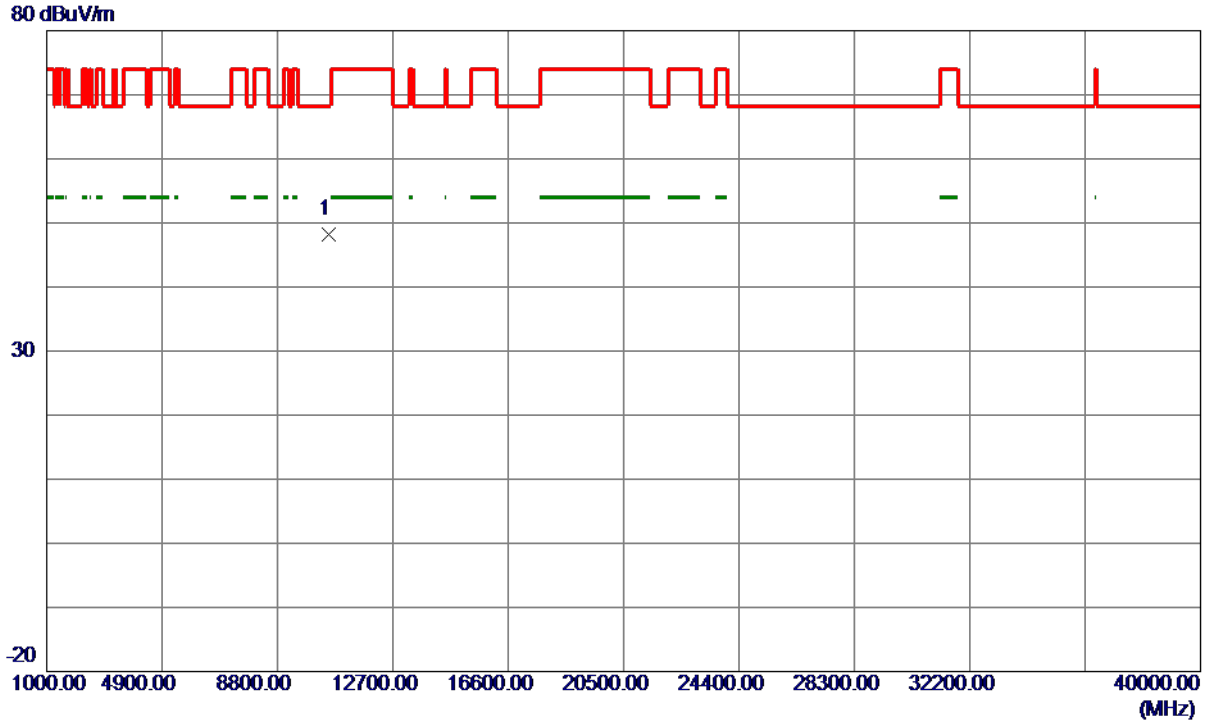



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5266.8000 | 83.14 | 15.97 | 99.11 | 68.30 | 30.81 | Peak | No Limit |
| 2 | 5269.0000 | 73.75 | 15.97 | 89.72 | 999.00 | -909.28 | AVG | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX N (HT40) Mode 5270 MHz |

**Horizontal**

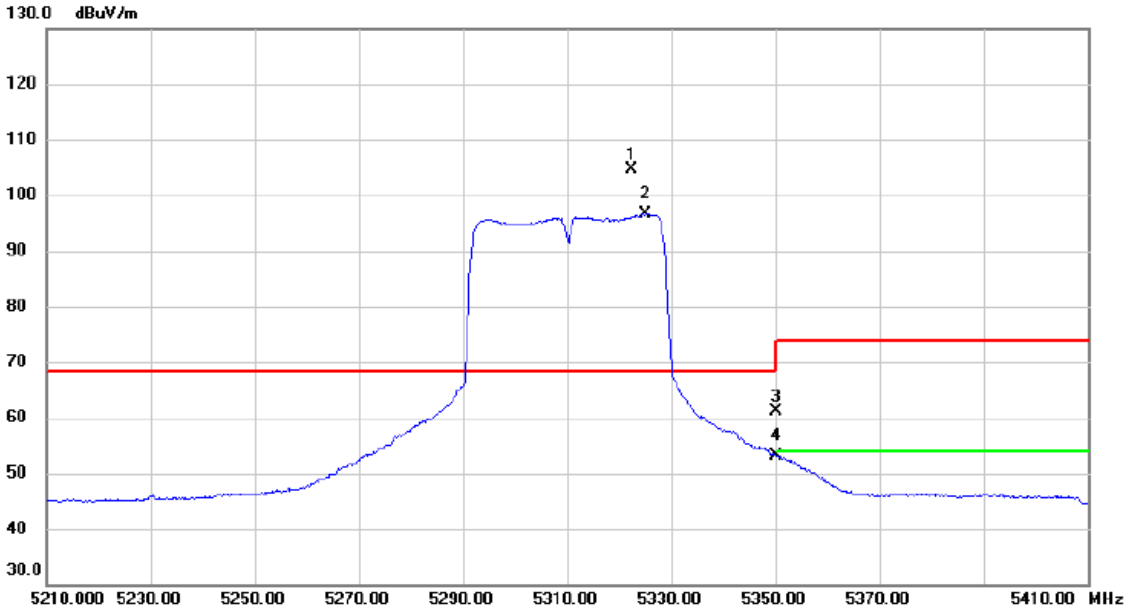



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10539.7150 | 37.25 | 10.88 | 48.13 | 68.30 | -20.17 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX N (HT40) Mode 5310 MHz |

**Vertical**

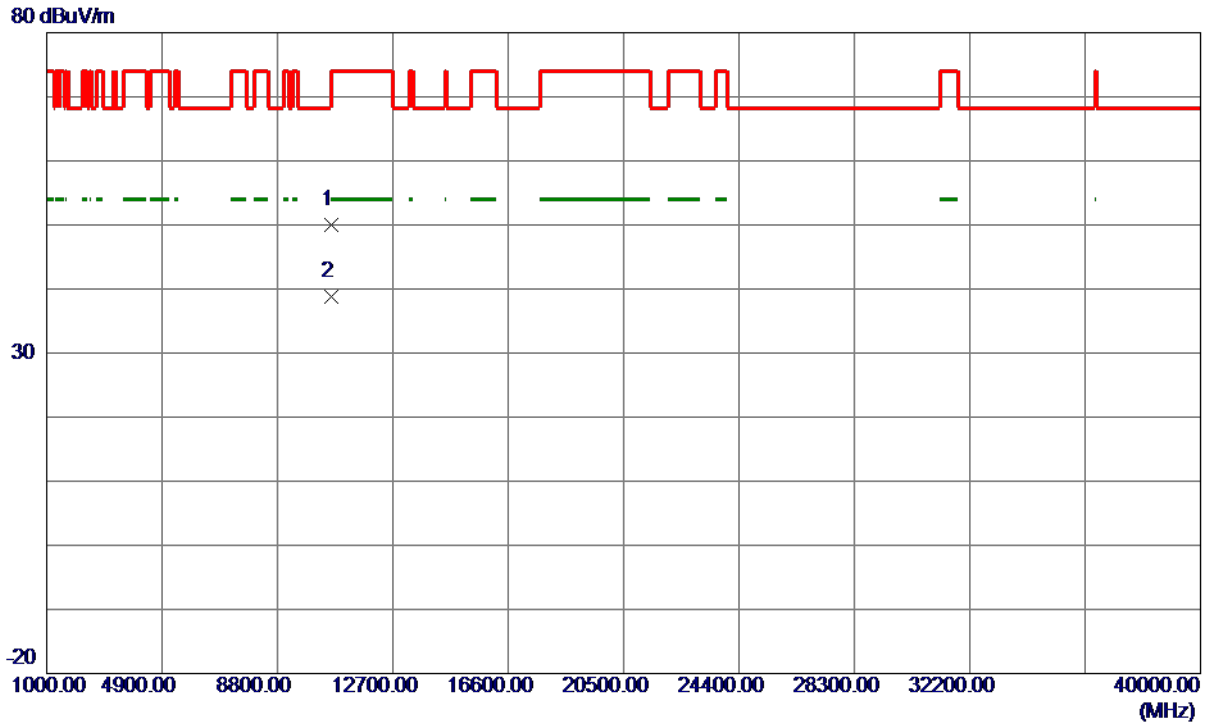



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | * | 5322.300 | 89.68 | 14.93 | 104.61 | 68.30 | 36.31 | peak | No Limit |
| 2 | X | 5325.200 | 81.72 | 14.94 | 96.66 | 68.30 | 28.36 | AVG | No Limit |
| 3 | | 5350.000 | 46.18 | 14.96 | 61.14 | 74.00 | -12.86 | peak | |
| 4 | | 5350.000 | 38.13 | 14.96 | 53.09 | 54.00 | -0.91 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX N (HT40) Mode 5310 MHz |

**Vertical**

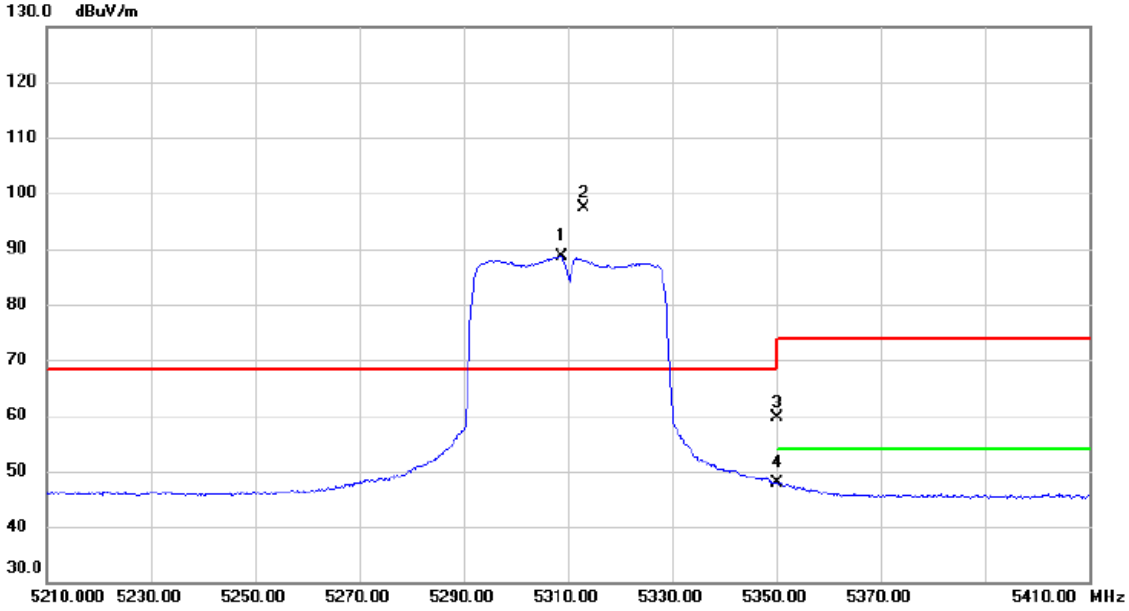



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 10615.7100 | 39.15 | 10.92 | 50.07 | 74.00 | -23.93 | Peak | |
| 2 * | 10616.7750 | 27.89 | 10.92 | 38.81 | 54.00 | -15.19 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX N (HT40) Mode 5310 MHz |

**Horizontal**

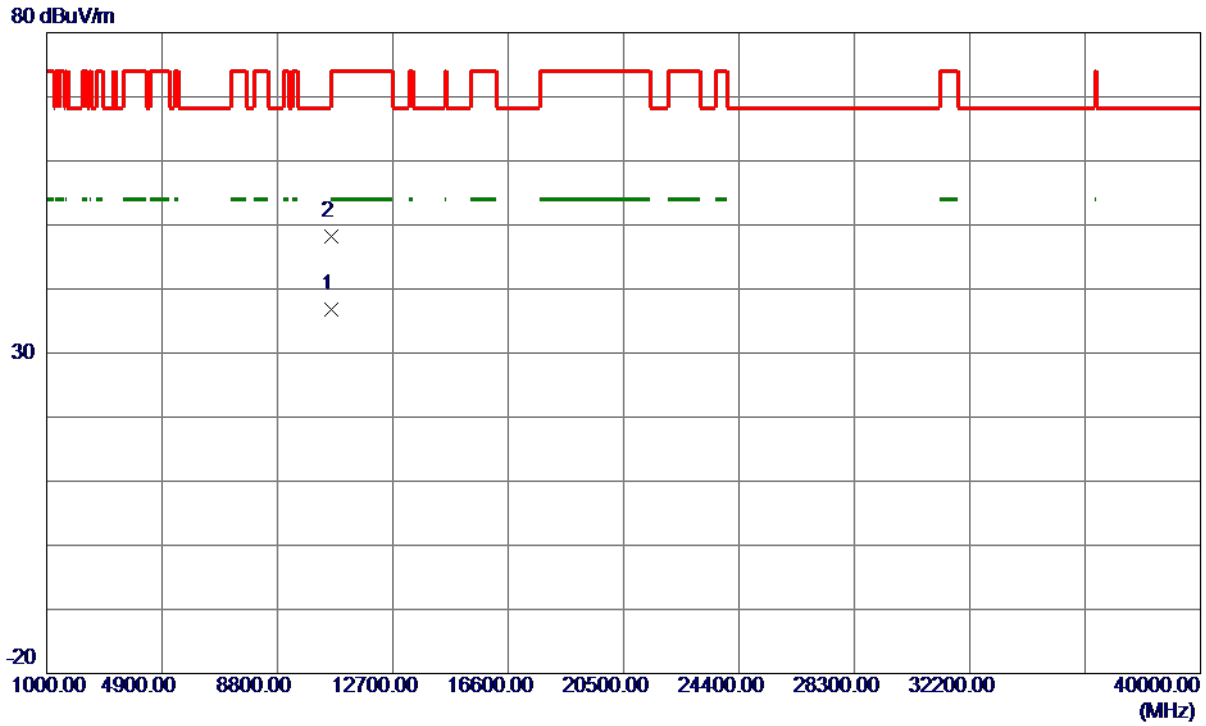



| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure-ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|---|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | X | 5308.900 | 72.46 | 16.06 | 88.52 | 68.30 | 20.22 | AVG | No Limit |
| 2 | * | 5313.200 | 81.22 | 16.06 | 97.28 | 68.30 | 28.98 | peak | No Limit |
| 3 | | 5350.000 | 43.54 | 16.13 | 59.67 | 74.00 | -14.33 | peak | |
| 4 | | 5350.000 | 31.78 | 16.13 | 47.91 | 54.00 | -6.09 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2A_TX N (HT40) Mode 5310 MHz |

**Horizontal**

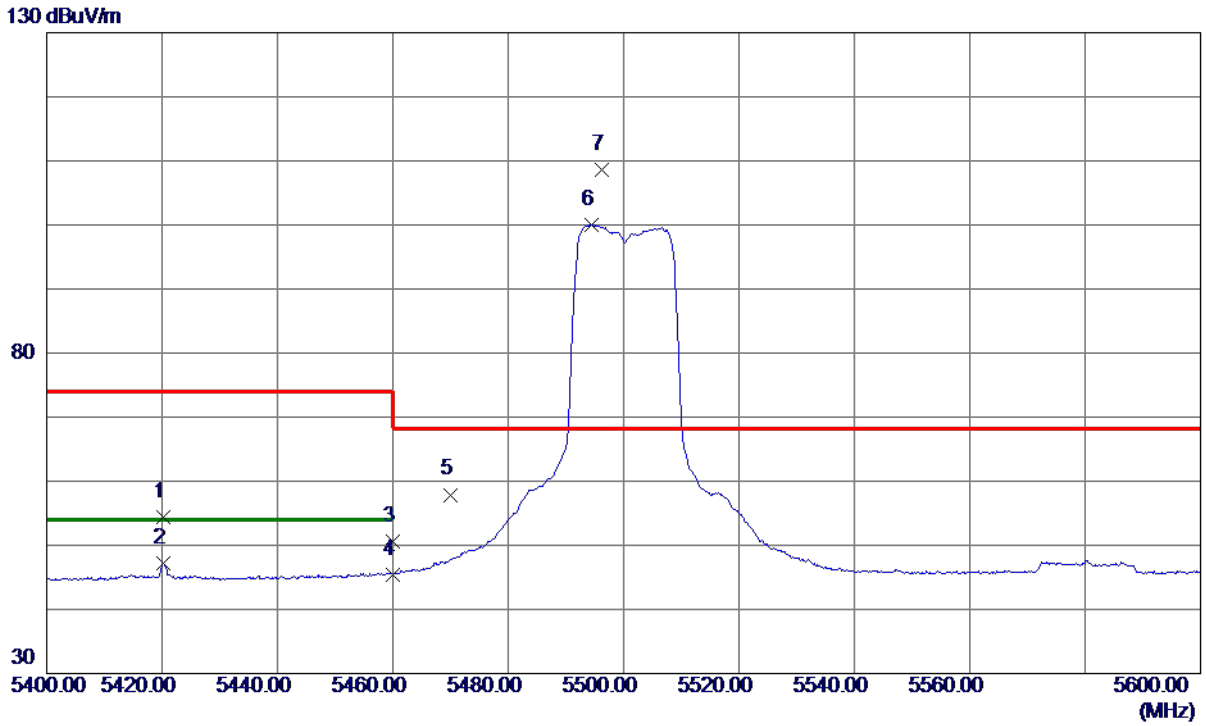



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 10616.8099 | 25.86 | 10.92 | 36.78 | 54.00 | -17.22 | AVG | |
| 2 | 10623.1550 | 37.21 | 10.92 | 48.13 | 74.00 | -25.87 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX A Mode 5500 MHz |

**Vertical**

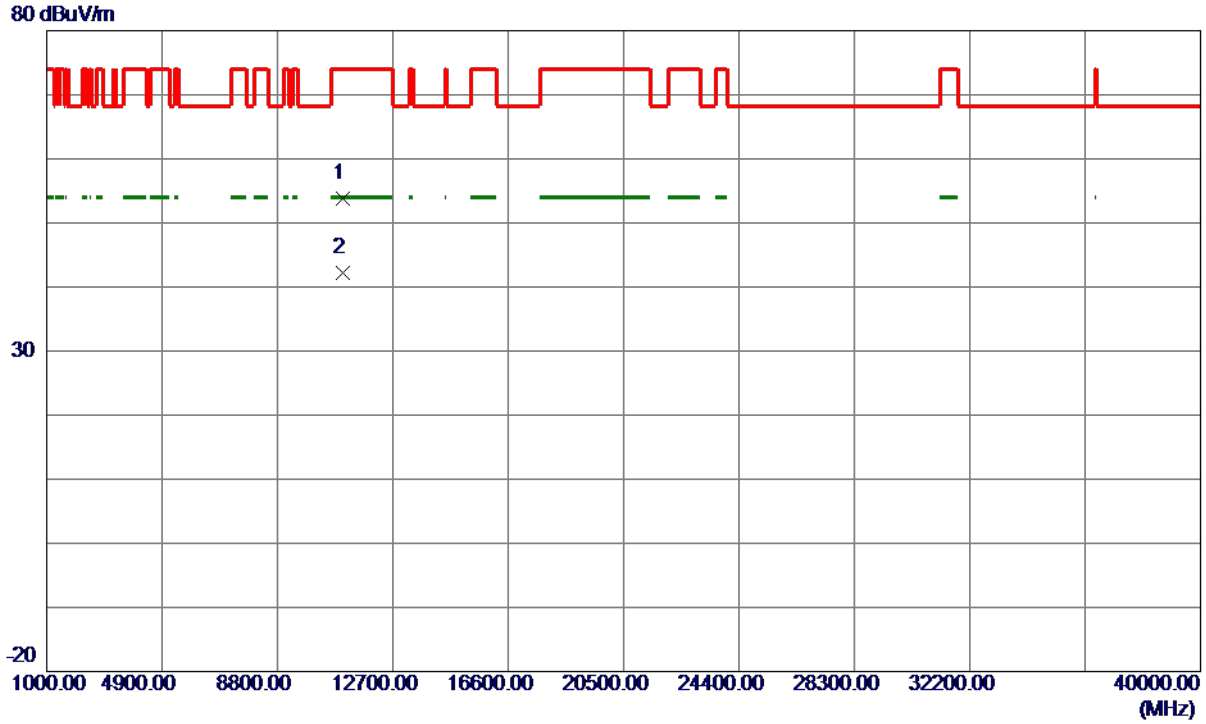



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5420.2000 | 39.35 | 15.06 | 54.41 | 74.00 | -19.59 | Peak | |
| 2 | 5420.2000 | 32.19 | 15.06 | 47.25 | 54.00 | -6.75 | AVG | |
| 3 | 5460.0000 | 35.49 | 15.11 | 50.60 | 74.00 | -23.40 | Peak | |
| 4 | 5460.0000 | 30.33 | 15.11 | 45.44 | 54.00 | -8.56 | AVG | |
| 5 | 5470.0000 | 42.78 | 15.12 | 57.90 | 68.30 | -10.40 | Peak | |
| 6 | 5494.4000 | 84.92 | 15.15 | 100.07 | 999.00 | -898.93 | AVG | No Limit |
| 7 * | 5496.2000 | 93.50 | 15.15 | 108.65 | 68.30 | 40.35 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX A Mode 5500 MHz |

**Vertical**

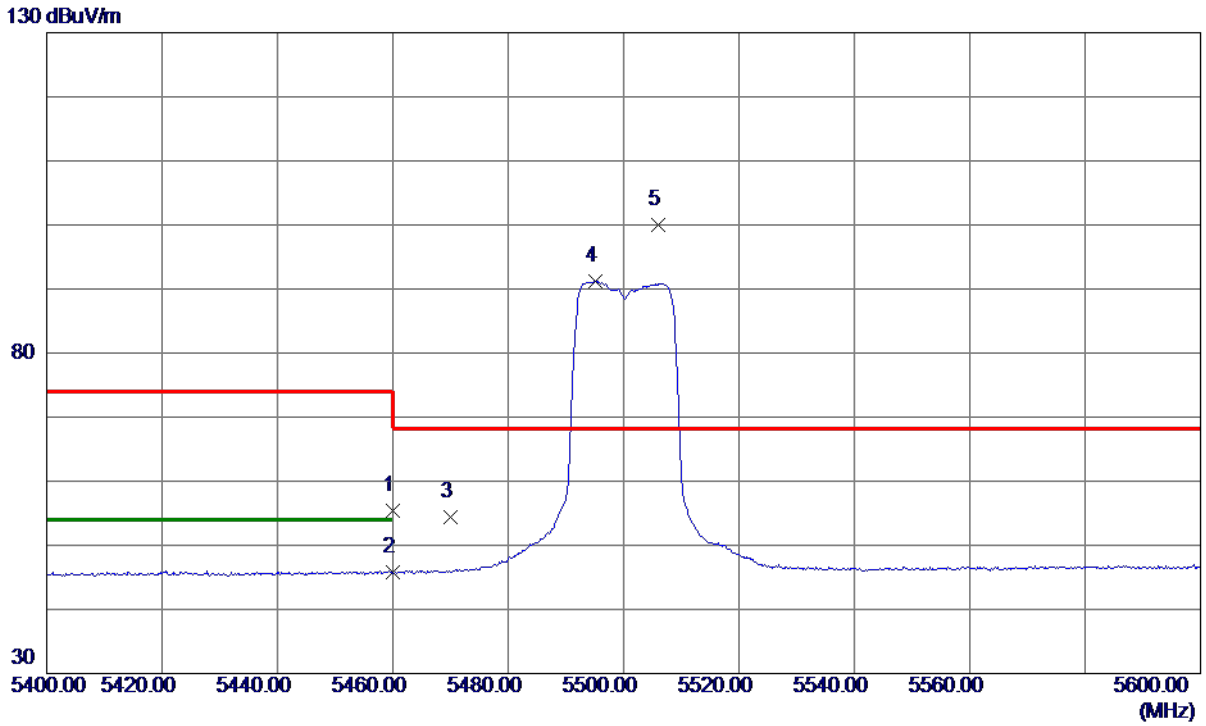



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 11000.0599 | 42.61 | 11.12 | 53.73 | 74.00 | -20.27 | Peak | |
| 2 * | 11000.1600 | 31.03 | 11.12 | 42.15 | 54.00 | -11.85 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX A Mode 5500 MHz |

**Horizontal**

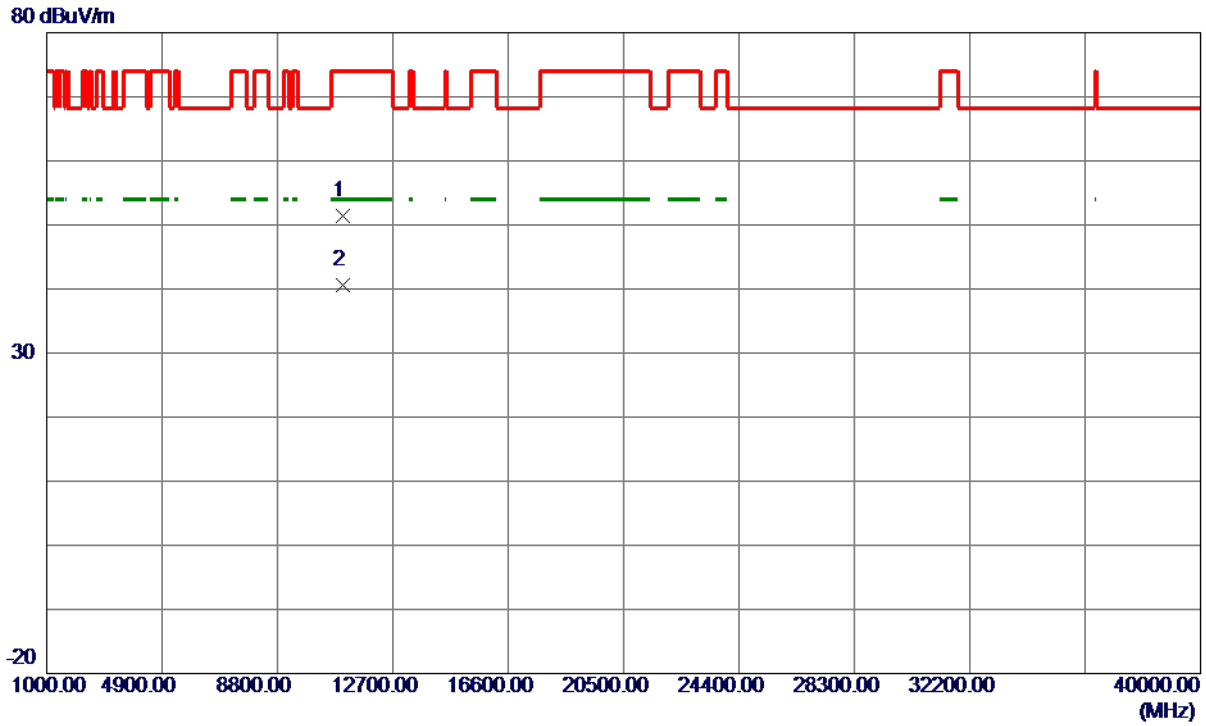



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5460.0000 | 39.08 | 16.35 | 55.43 | 74.00 | -18.57 | Peak | |
| 2 | 5460.0000 | 29.52 | 16.35 | 45.87 | 54.00 | -8.13 | AVG | |
| 3 | 5470.0000 | 37.98 | 16.37 | 54.35 | 68.30 | -13.95 | Peak | |
| 4 | 5495.1000 | 74.77 | 16.42 | 91.19 | 999.00 | -907.81 | AVG | No Limit |
| 5 * | 5505.9000 | 83.61 | 16.44 | 100.05 | 68.30 | 31.75 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX A Mode 5500 MHz |

**Horizontal**

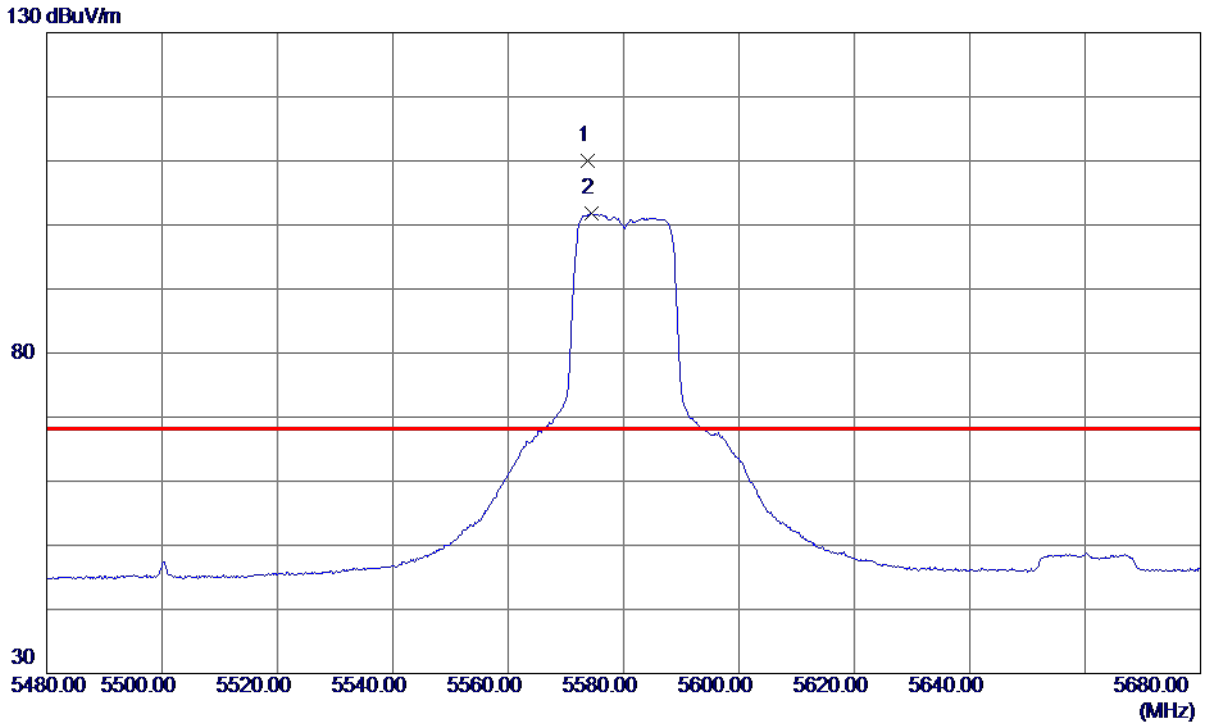



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 10999.9550 | 40.25 | 11.12 | 51.37 | 74.00 | -22.63 | Peak | |
| 2 * | 11000.4150 | 29.51 | 11.12 | 40.63 | 54.00 | -13.37 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX A Mode 5580 MHz |

**Vertical**

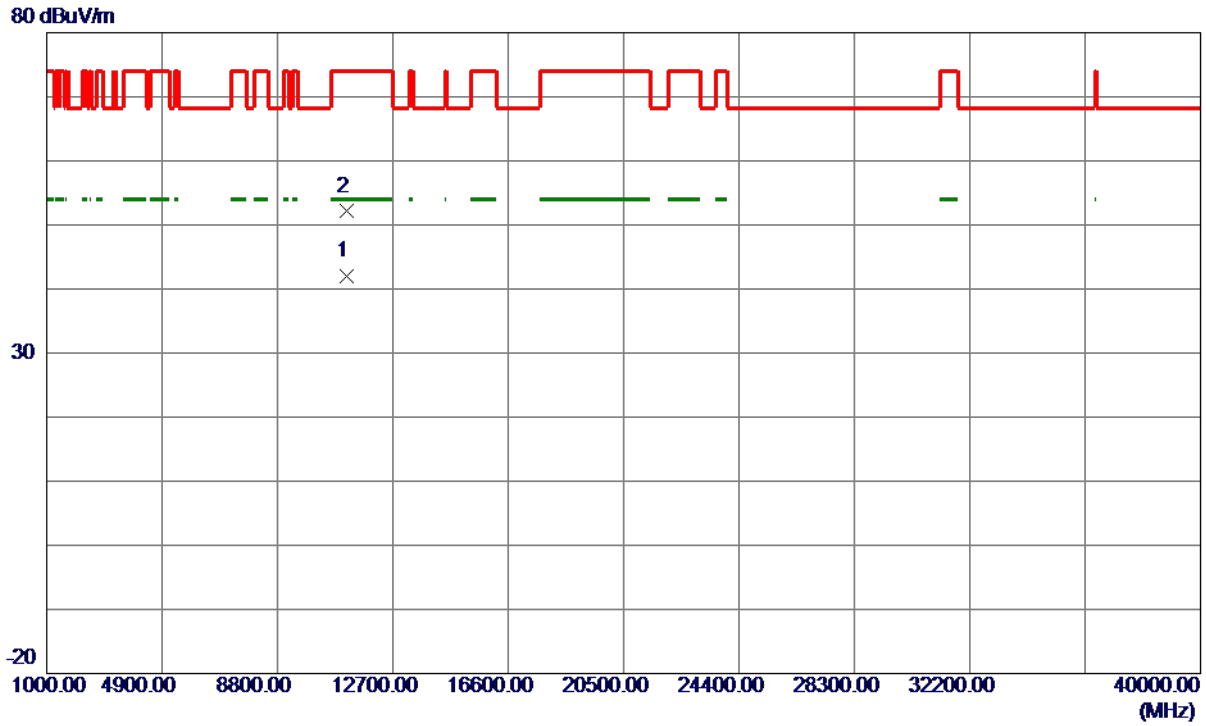



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5573.8000 | 94.81 | 15.26 | 110.07 | 68.30 | 41.77 | Peak | No Limit |
| 2 | 5574.4000 | 86.45 | 15.27 | 101.72 | 999.00 | -897.28 | AVG | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX A Mode 5580 MHz |

**Vertical**

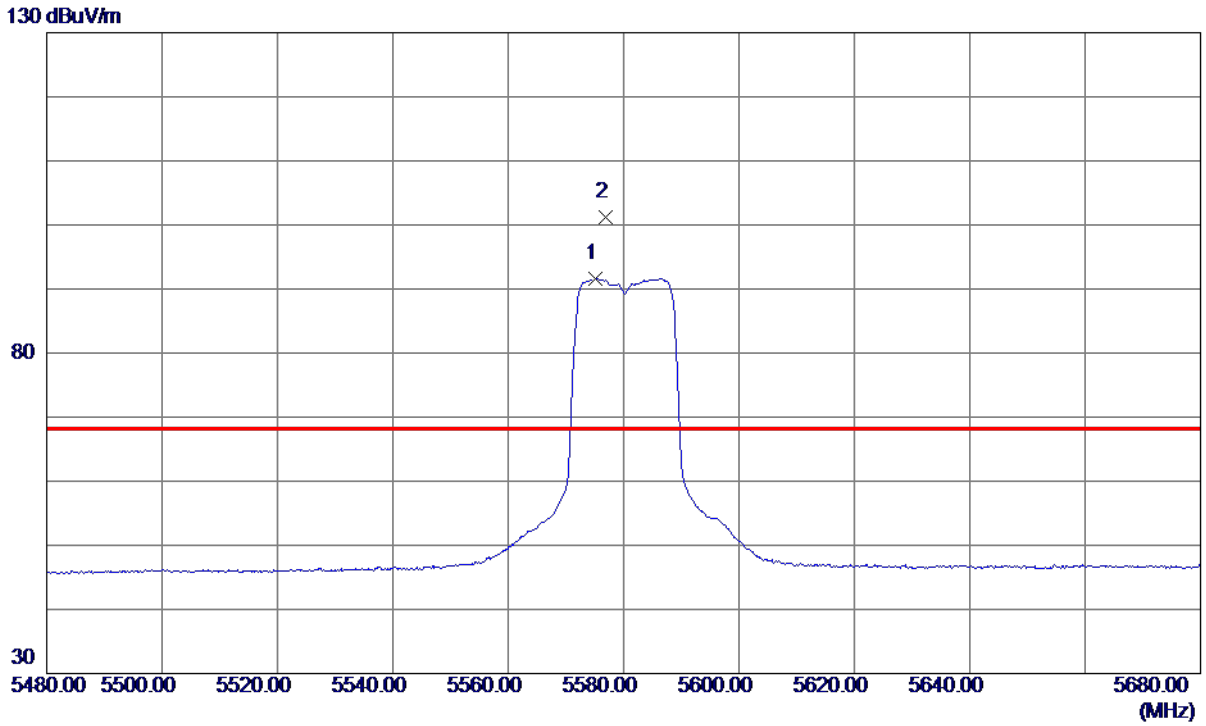



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 11160.2750 | 30.75 | 11.27 | 42.02 | 54.00 | -11.98 | AVG | |
| 2 | 11160.5000 | 40.83 | 11.27 | 52.10 | 74.00 | -21.90 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX A Mode 5580 MHz |

**Horizontal**

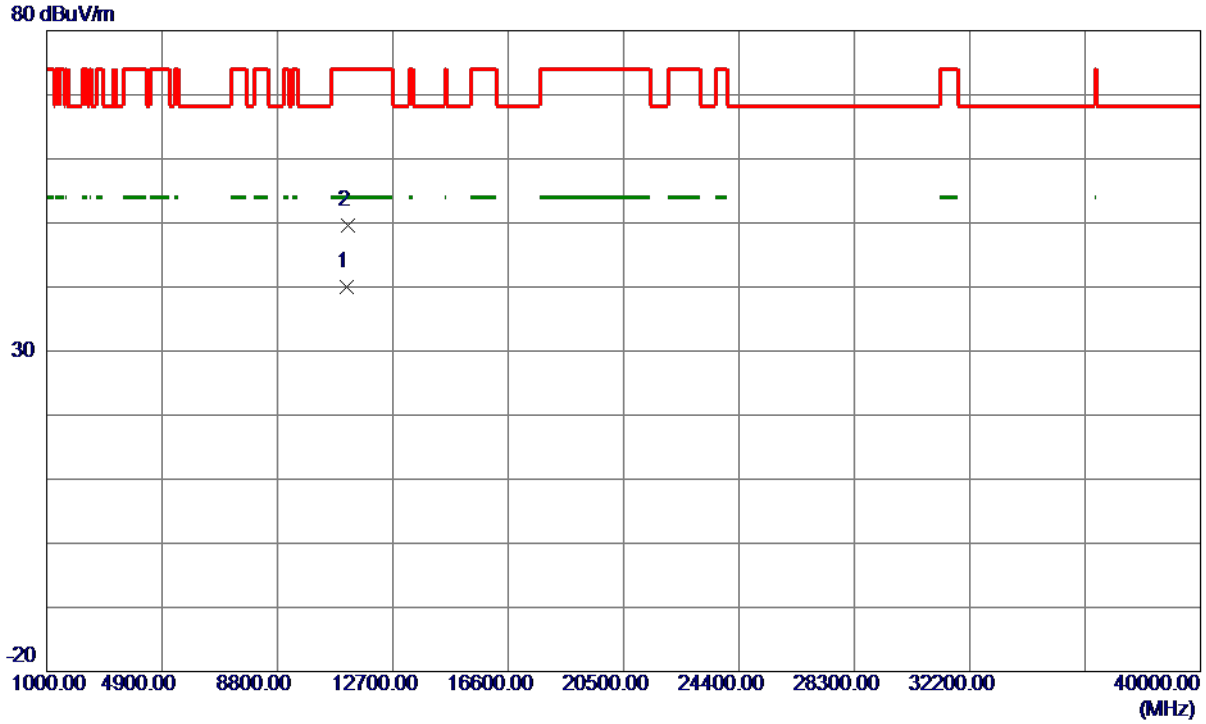



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5575.1000 | 75.05 | 16.50 | 91.55 | 999.00 | -907.45 | AVG | No Limit |
| 2 * | 5576.9000 | 84.65 | 16.50 | 101.15 | 68.30 | 32.85 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX A Mode 5580 MHz |

**Horizontal**

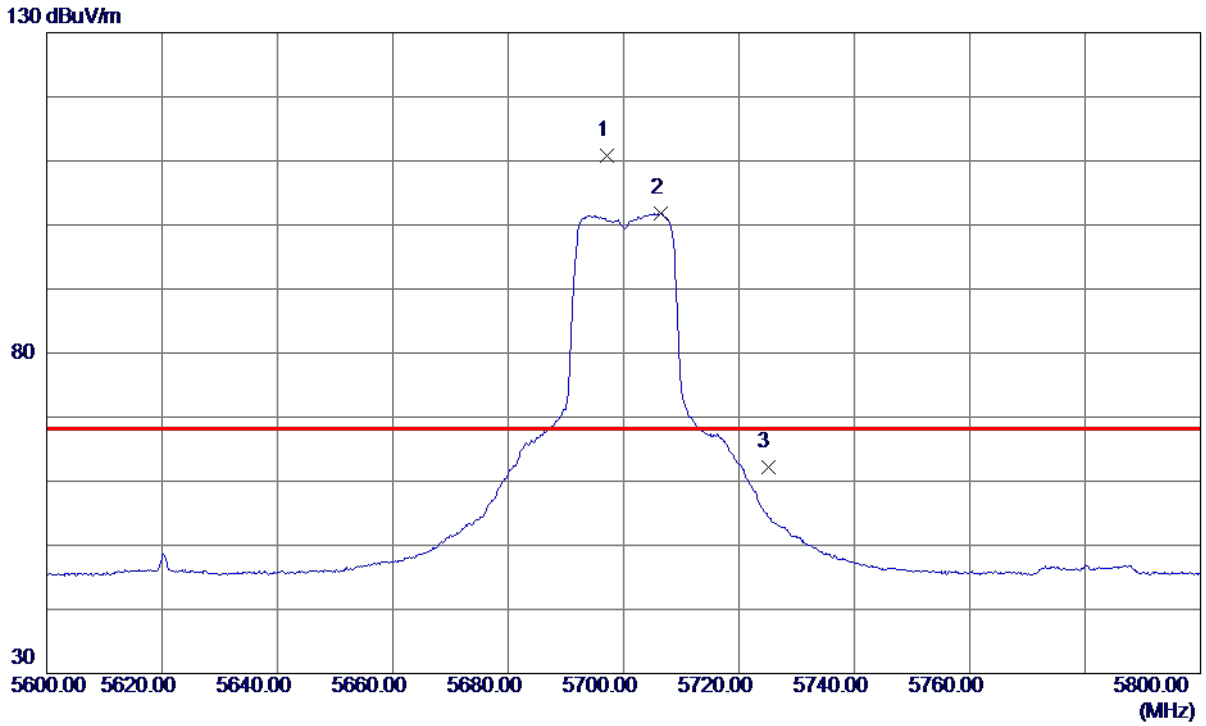



| No. | Freq. | Reading Level | Correct Factor | Measurement | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 11160.1950 | 28.64 | 11.27 | 39.91 | 54.00 | -14.09 | AVG | |
| 2 | 11163.4050 | 38.24 | 11.27 | 49.51 | 74.00 | -24.49 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX A Mode 5700 MHz |

**Vertical**

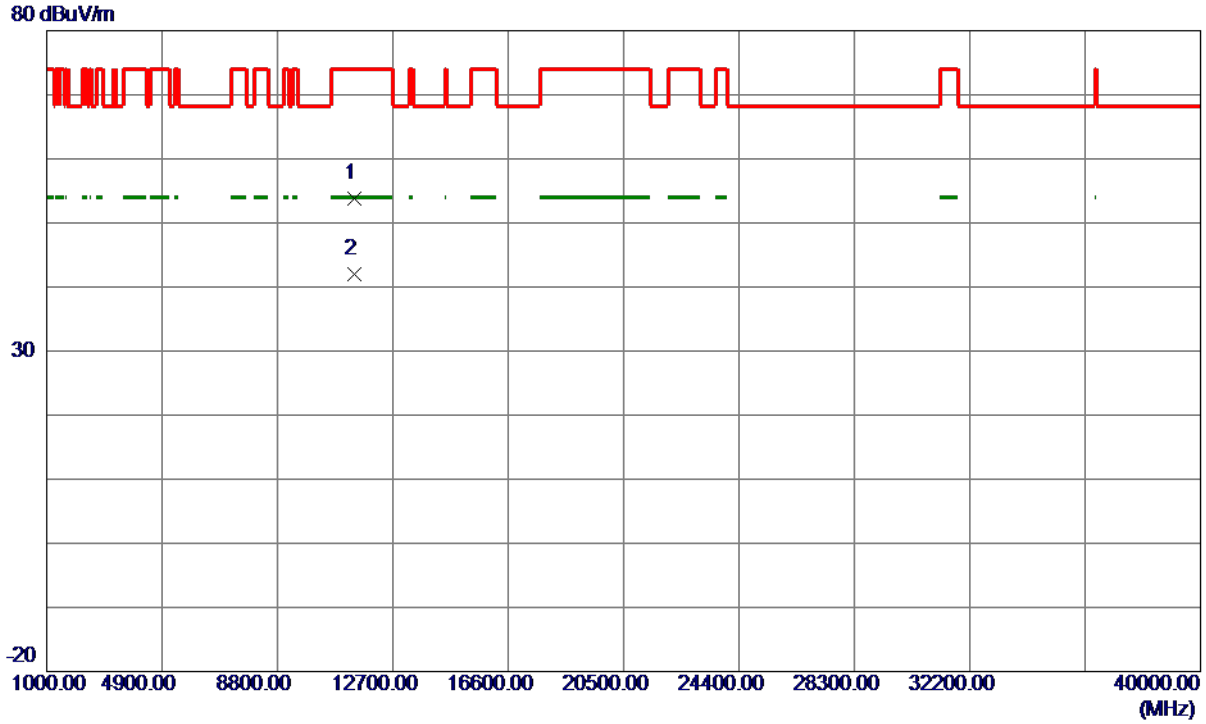



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5697.1000 | 95.31 | 15.44 | 110.75 | 68.30 | 42.45 | Peak | No Limit |
| 2 | 5706.5000 | 86.36 | 15.45 | 101.81 | 999.00 | -897.19 | AVG | No Limit |
| 3 | 5725.0000 | 46.72 | 15.48 | 62.20 | 68.30 | -6.10 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX A Mode 5700 MHz |

**Vertical**

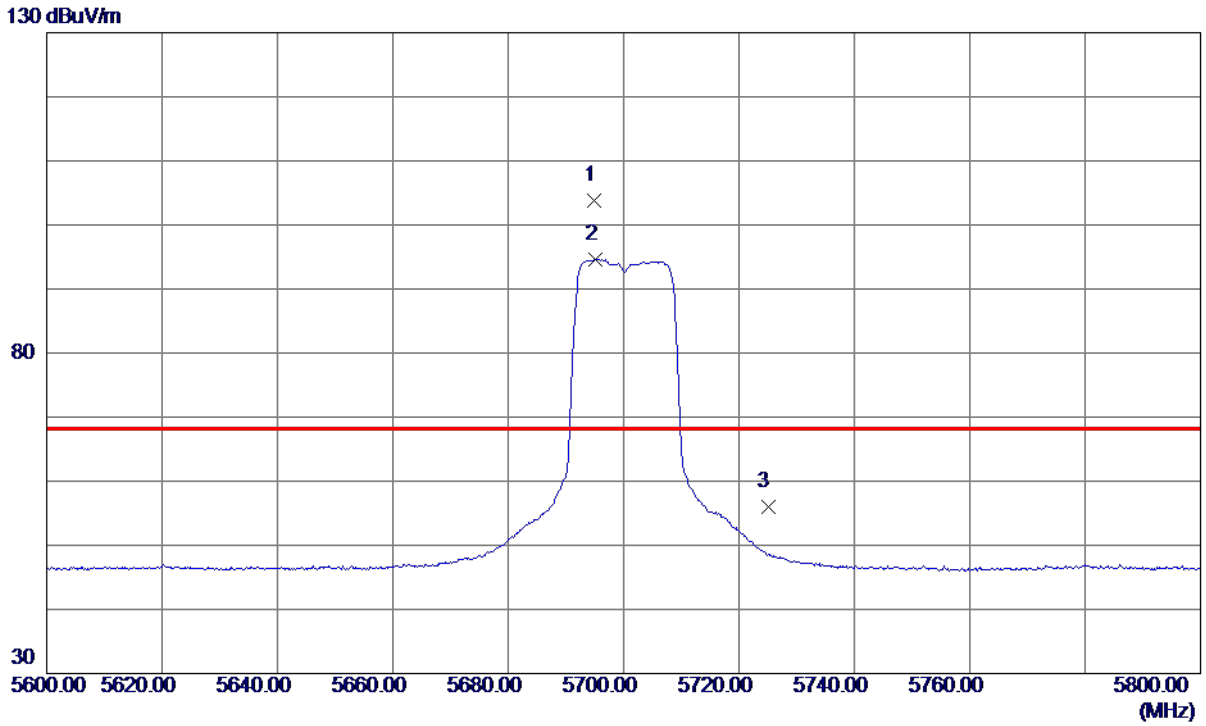



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 11399.8650 | 42.25 | 11.49 | 53.74 | 74.00 | -20.26 | Peak | |
| 2 * | 11400.2400 | 30.55 | 11.49 | 42.04 | 54.00 | -11.96 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX A Mode 5700 MHz |

**Horizontal**

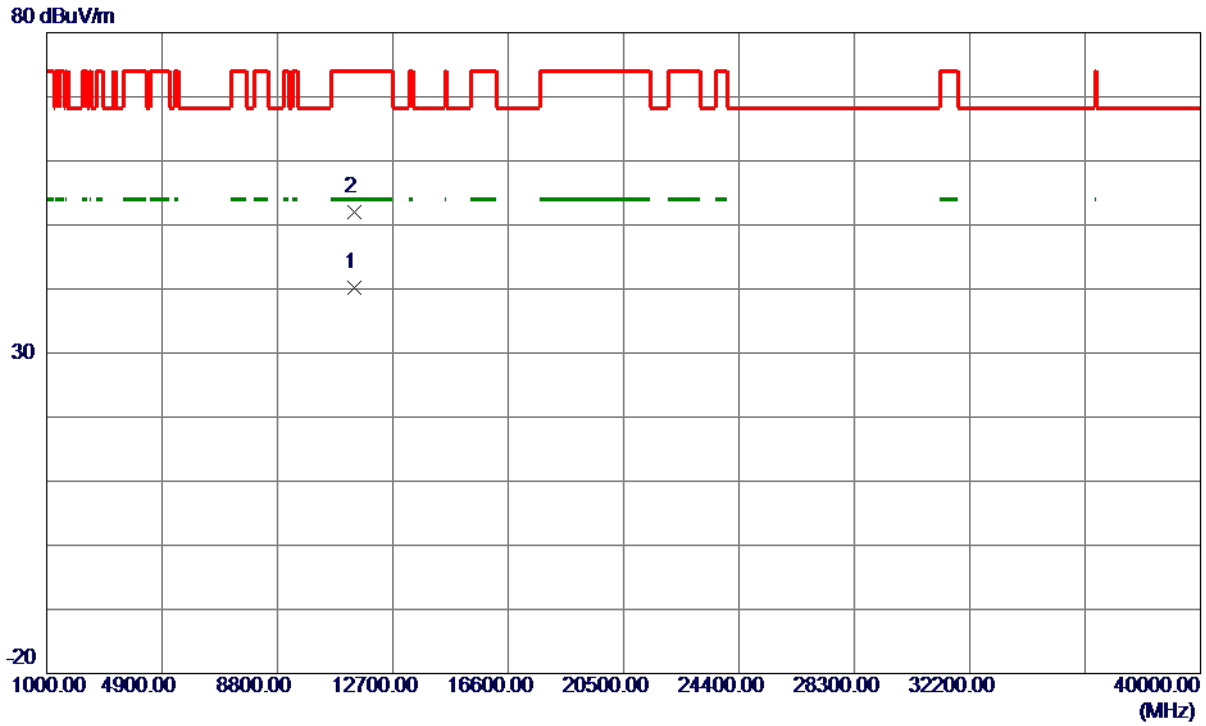



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5694.9000 | 87.13 | 16.61 | 103.74 | 68.30 | 35.44 | Peak | No Limit |
| 2 | 5695.1000 | 78.02 | 16.61 | 94.63 | 999.00 | -904.37 | AVG | No Limit |
| 3 | 5725.0000 | 39.28 | 16.64 | 55.92 | 68.30 | -12.38 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX A Mode 5700 MHz |

**Horizontal**

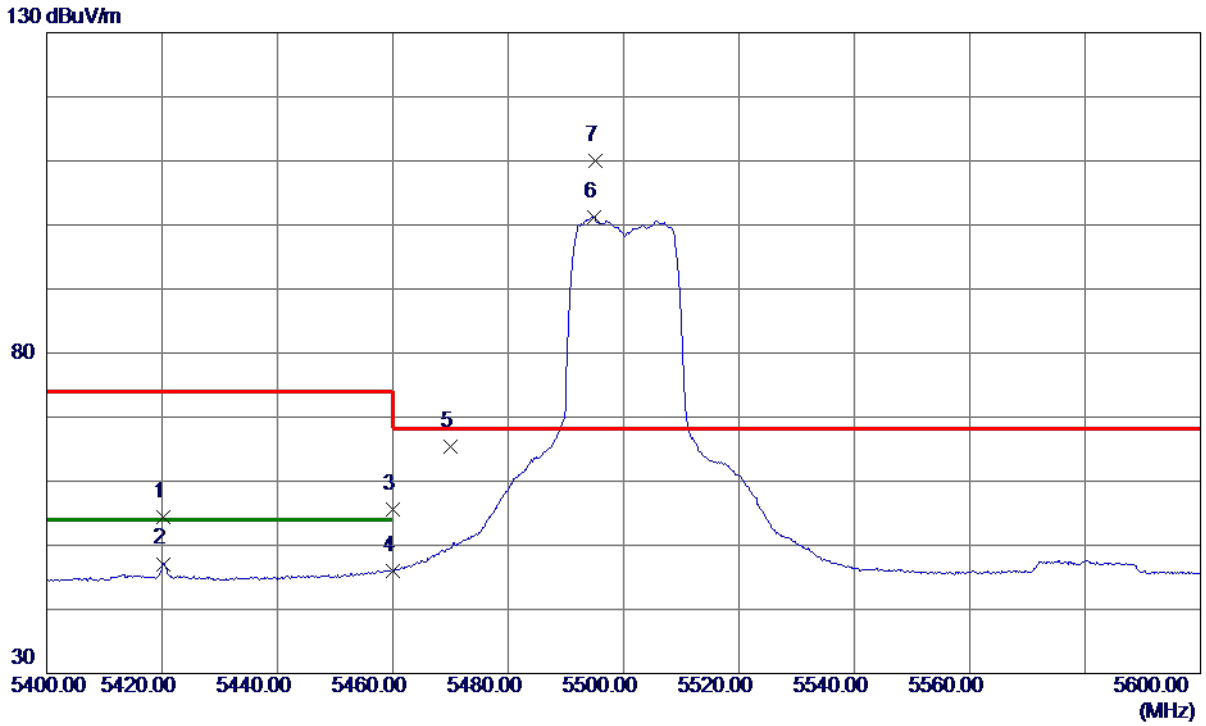



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 11400.4100 | 28.65 | 11.49 | 40.14 | 54.00 | -13.86 | AVG | |
| 2 | 11400.4650 | 40.53 | 11.49 | 52.02 | 74.00 | -21.98 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT20) Mode 5500 MHz |

**Vertical**

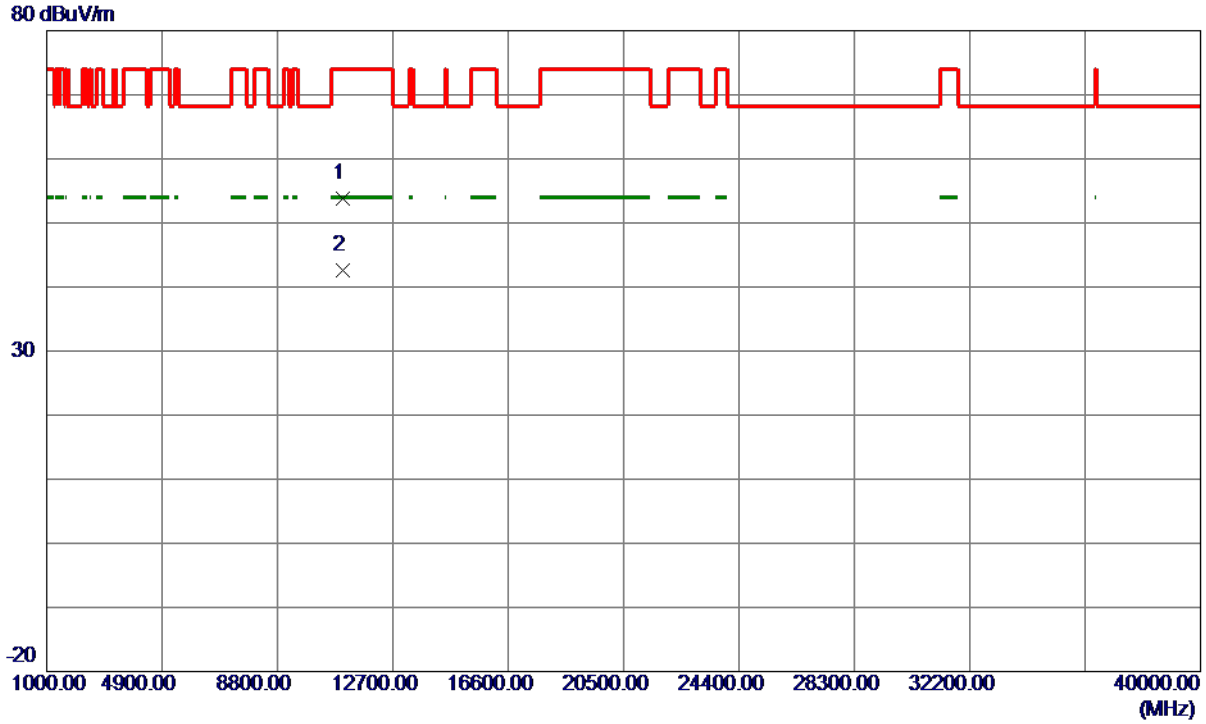



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5420.3000 | 39.42 | 15.06 | 54.48 | 74.00 | -19.52 | Peak | |
| 2 | 5420.3000 | 32.04 | 15.06 | 47.10 | 54.00 | -6.90 | AVG | |
| 3 | 5460.0000 | 40.52 | 15.11 | 55.63 | 74.00 | -18.37 | Peak | |
| 4 | 5460.0000 | 30.93 | 15.11 | 46.04 | 54.00 | -7.96 | AVG | |
| 5 | 5470.0000 | 50.26 | 15.12 | 65.38 | 68.30 | -2.92 | Peak | |
| 6 | 5494.8000 | 86.05 | 15.15 | 101.20 | 999.00 | -897.80 | AVG | No Limit |
| 7 * | 5495.1000 | 94.88 | 15.15 | 110.03 | 68.30 | 41.73 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT20) Mode 5500 MHz |

**Vertical**

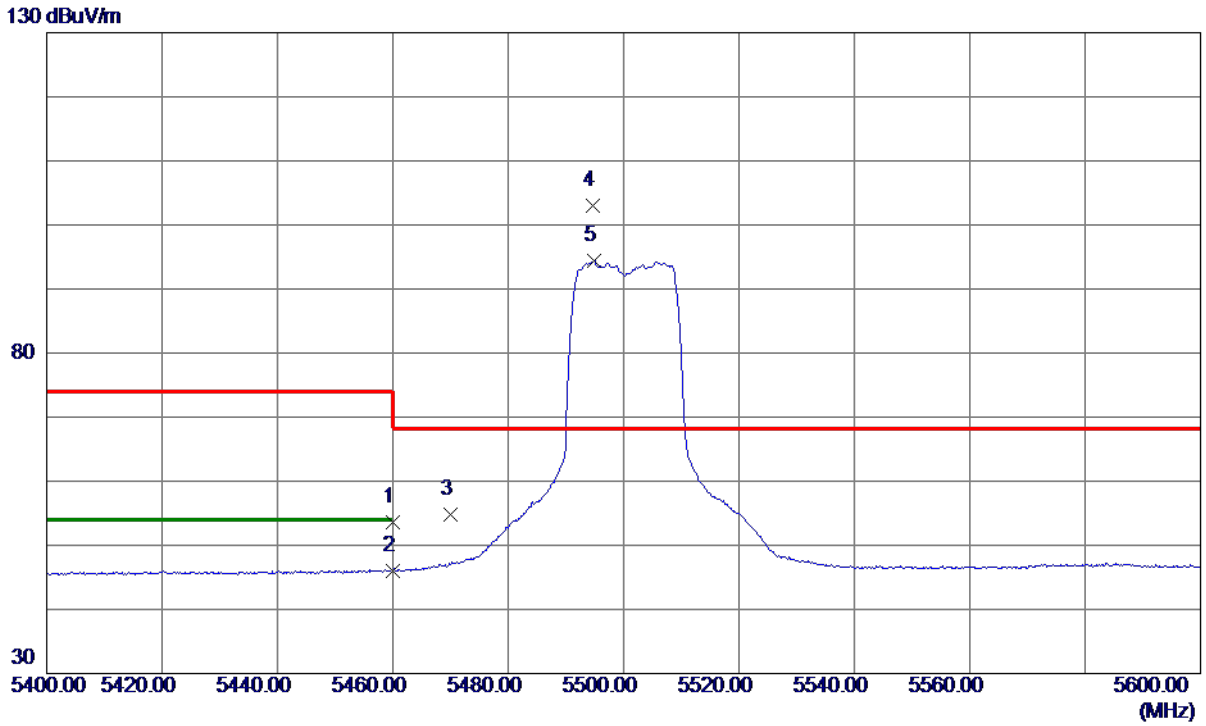



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 10999.3900 | 42.60 | 11.12 | 53.72 | 74.00 | -20.28 | Peak | |
| 2 * | 11000.4700 | 31.48 | 11.12 | 42.60 | 54.00 | -11.40 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT20) Mode 5500 MHz |

**Horizontal**

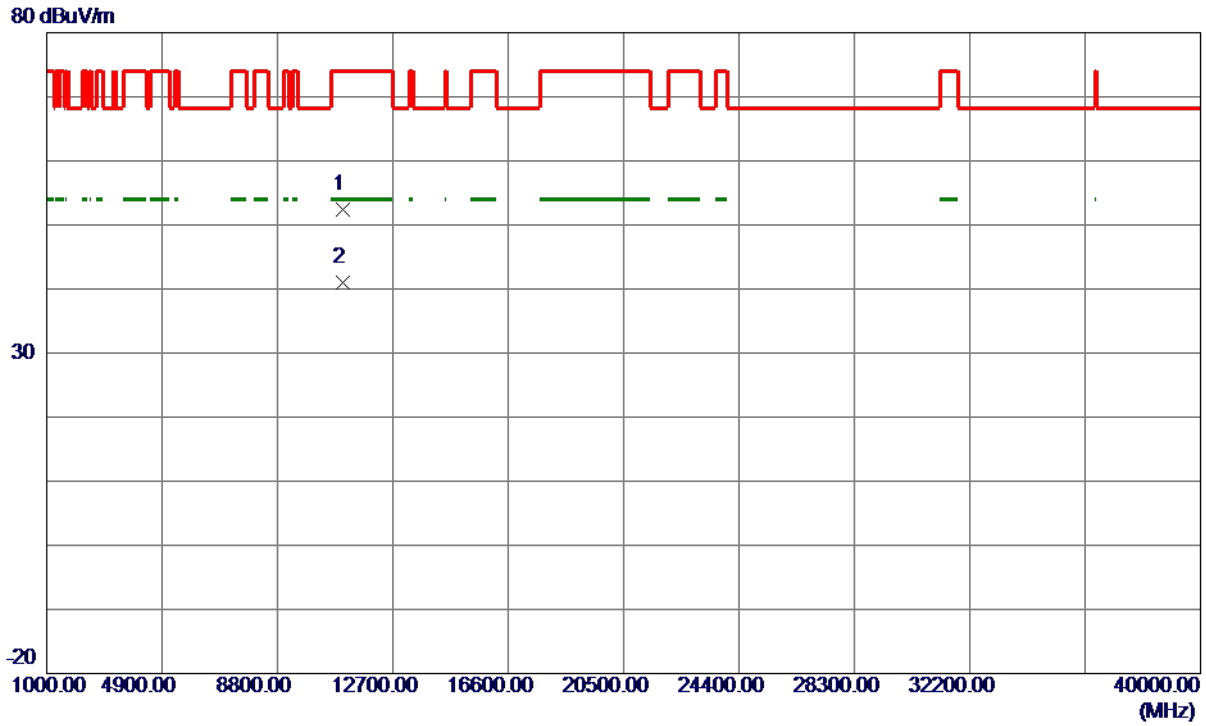



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5460.0000 | 37.21 | 16.35 | 53.56 | 74.00 | -20.44 | Peak | |
| 2 | 5460.0000 | 29.74 | 16.35 | 46.09 | 54.00 | -7.91 | AVG | |
| 3 | 5470.0000 | 38.40 | 16.37 | 54.77 | 68.30 | -13.53 | Peak | |
| 4 * | 5494.6000 | 86.65 | 16.42 | 103.07 | 68.30 | 34.77 | Peak | No Limit |
| 5 | 5494.8000 | 77.90 | 16.42 | 94.32 | 999.00 | -904.68 | AVG | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT20) Mode 5500 MHz |

**Horizontal**

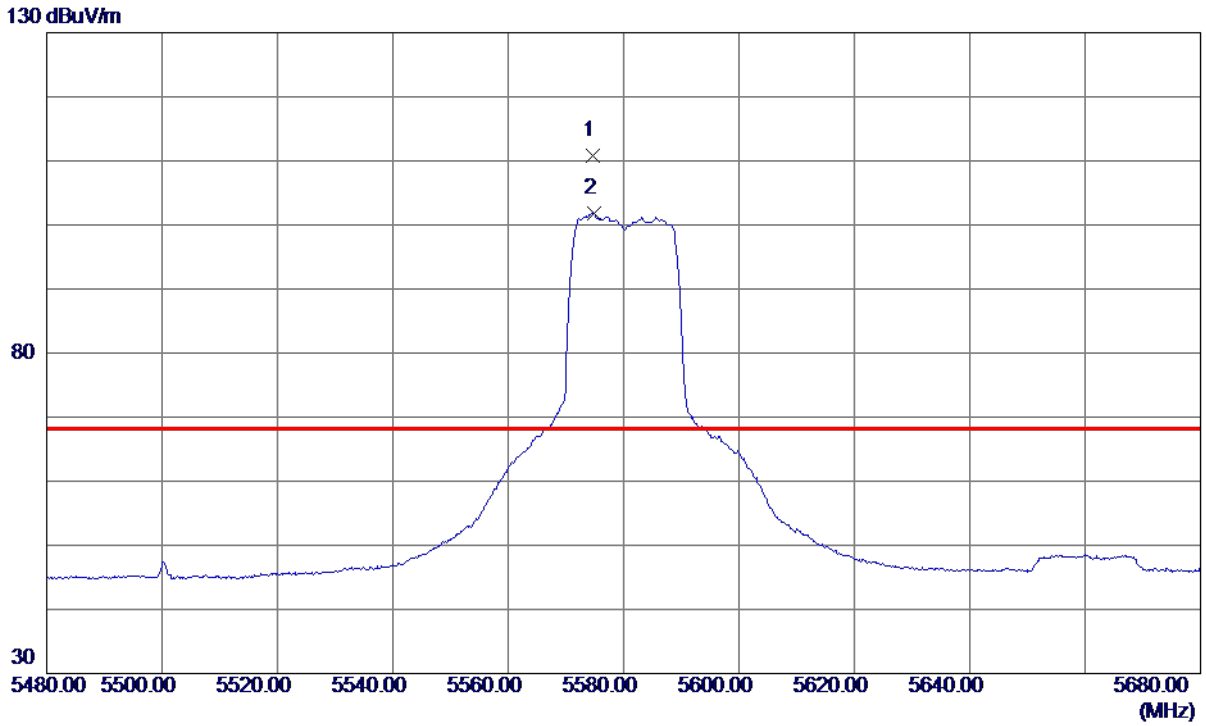



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 10995.5650 | 41.31 | 11.12 | 52.43 | 74.00 | -21.57 | Peak | |
| 2 * | 11000.2500 | 29.95 | 11.12 | 41.07 | 54.00 | -12.93 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT20) Mode 5580 MHz |

**Vertical**

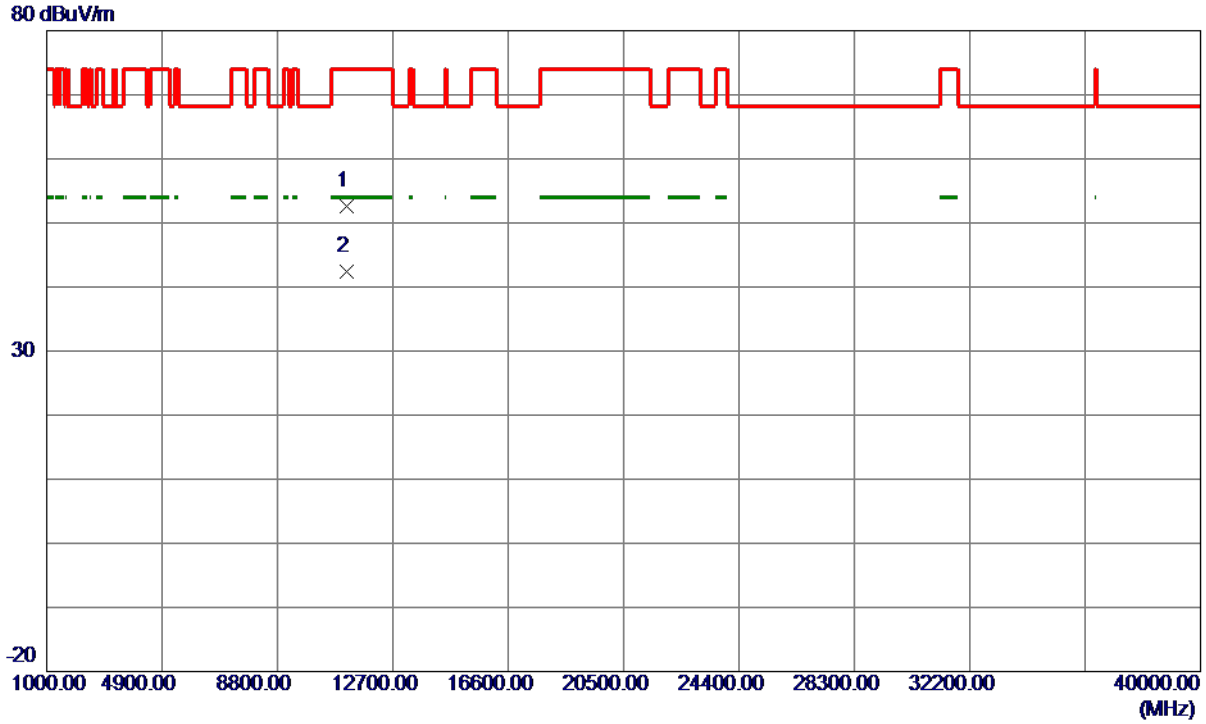



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5574.6000 | 95.54 | 15.27 | 110.81 | 68.30 | 42.51 | Peak | No Limit |
| 2 | 5574.8000 | 86.57 | 15.27 | 101.84 | 999.00 | -897.16 | AVG | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT20) Mode 5580 MHz |

**Vertical**

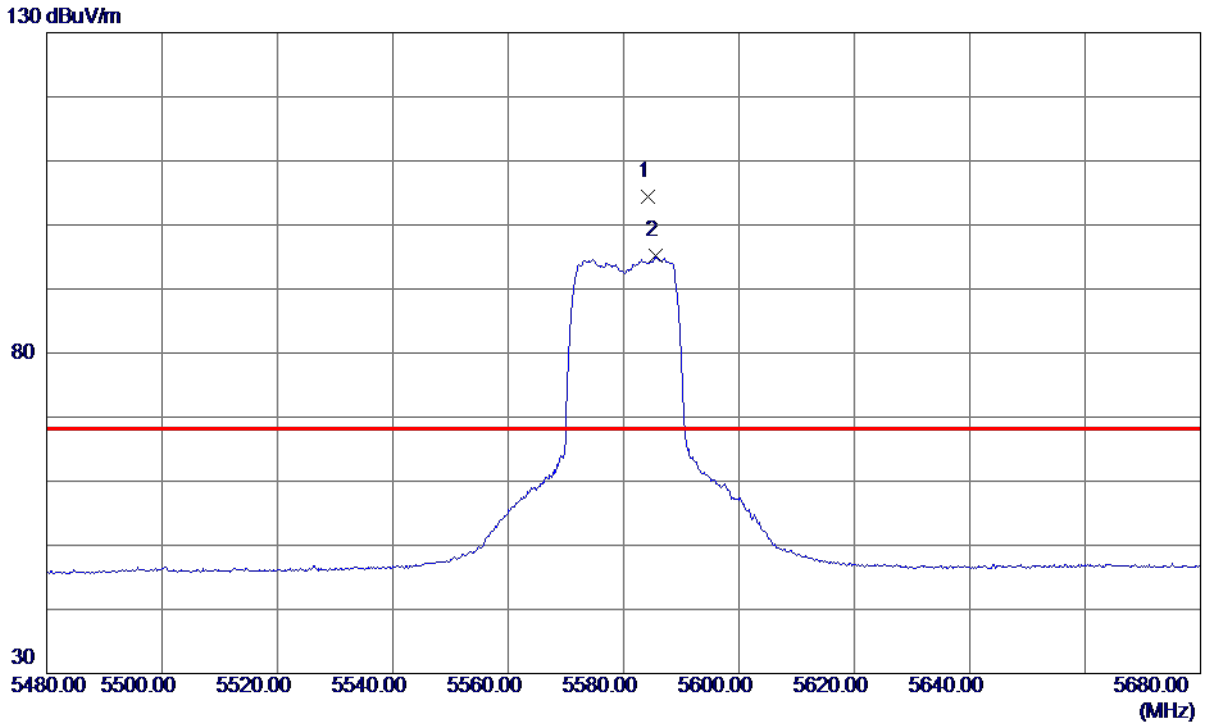



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 11160.4500 | 41.38 | 11.27 | 52.65 | 74.00 | -21.35 | Peak | |
| 2 * | 11160.4900 | 31.13 | 11.27 | 42.40 | 54.00 | -11.60 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT20) Mode 5580 MHz |

**Horizontal**

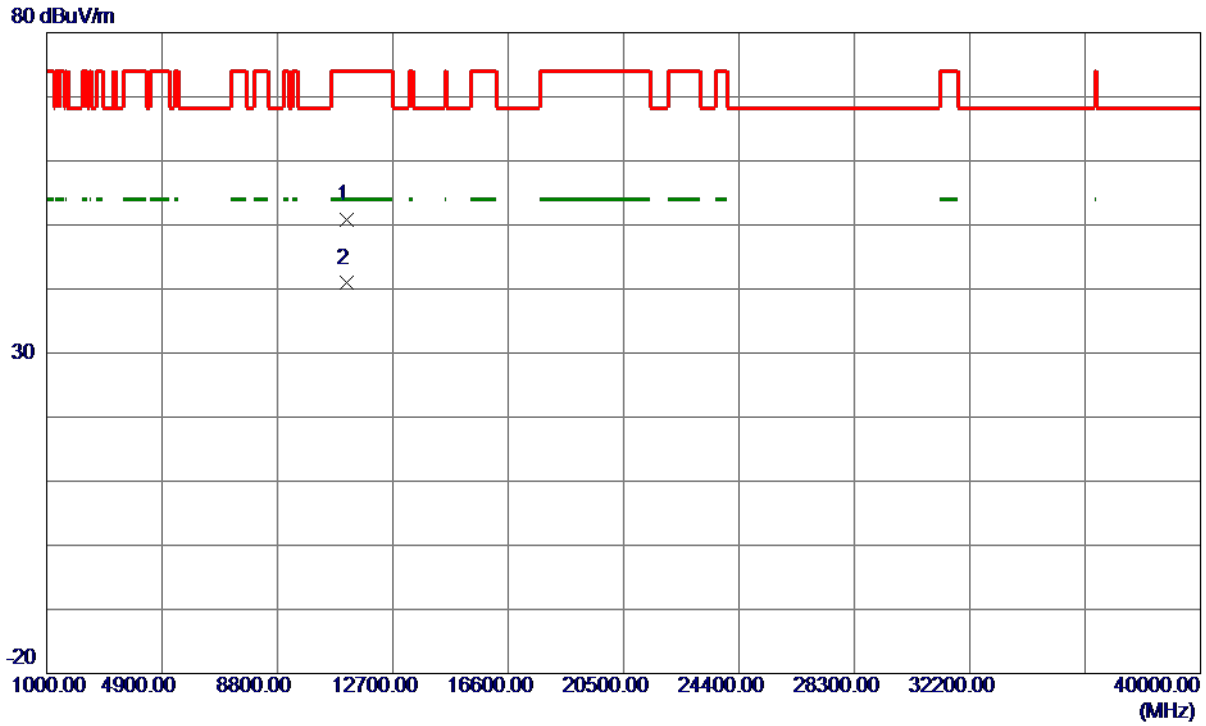



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5584.2000 | 87.84 | 16.51 | 104.35 | 68.30 | 36.05 | Peak | No Limit |
| 2 | 5585.5000 | 78.68 | 16.51 | 95.19 | 999.00 | -903.81 | AVG | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT20) Mode 5580 MHz |

**Horizontal**

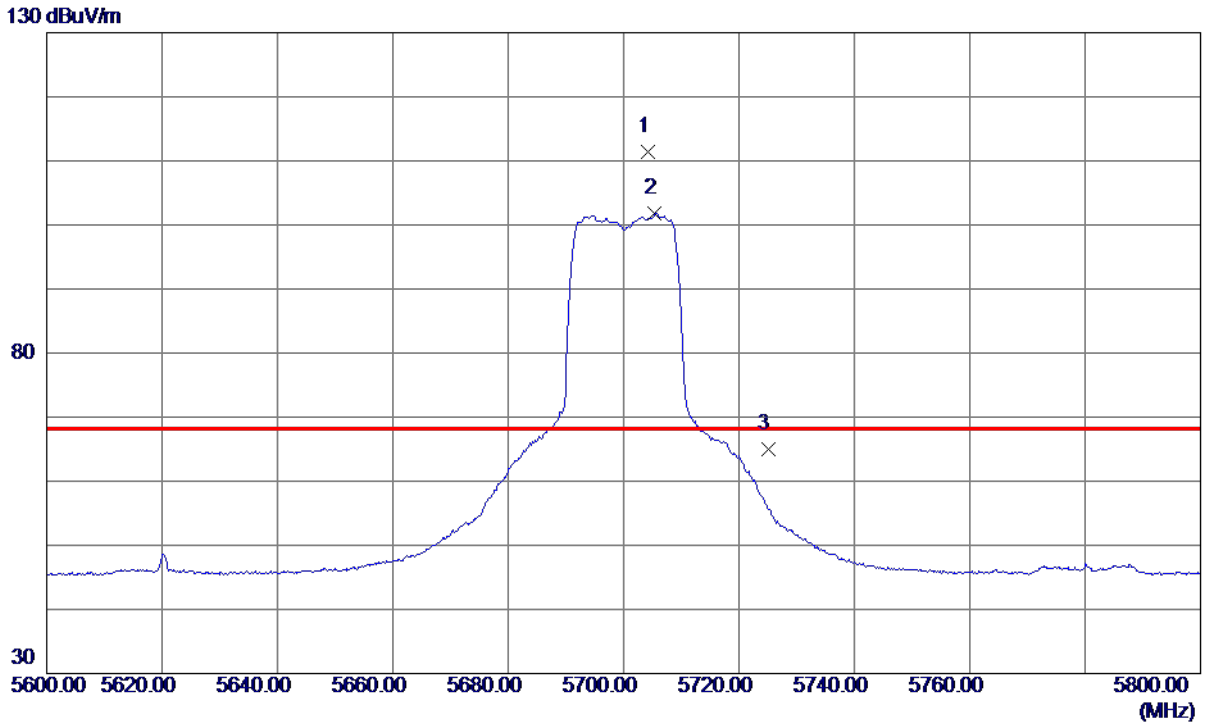



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 11157.8750 | 39.52 | 11.27 | 50.79 | 74.00 | -23.21 | Peak | |
| 2 * | 11160.6300 | 29.63 | 11.27 | 40.90 | 54.00 | -13.10 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT20) Mode 5700 MHz |

**Vertical**

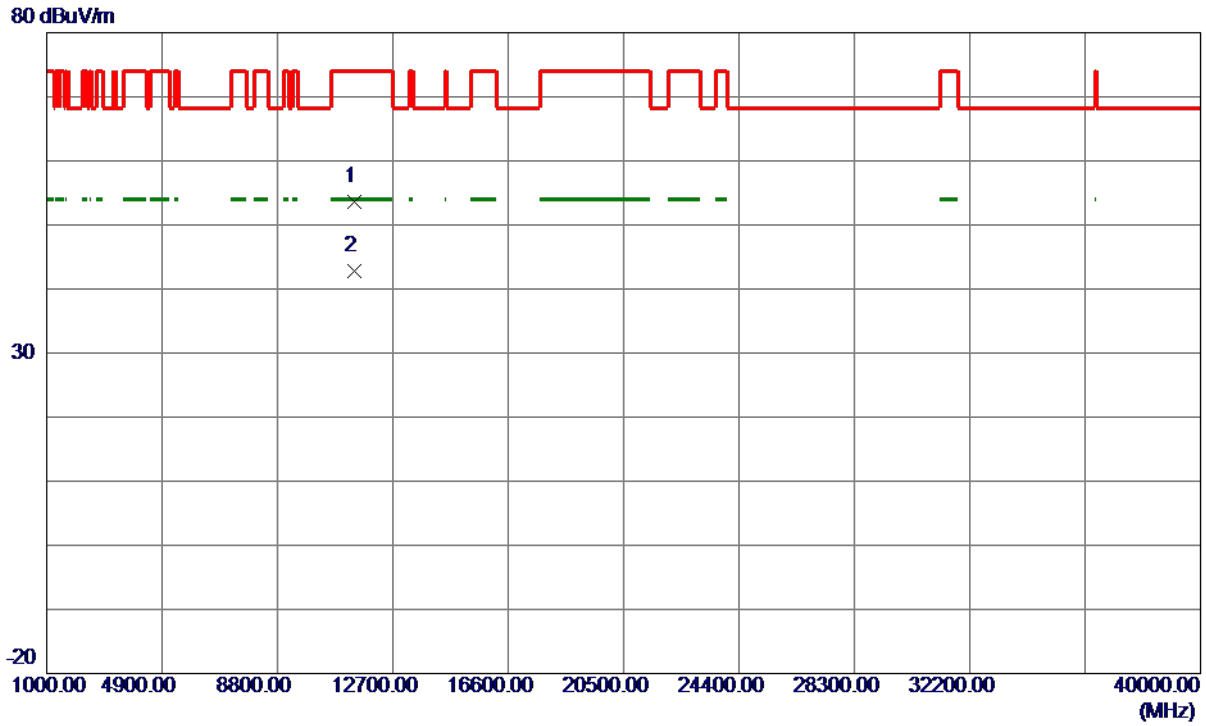



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5704.2000 | 96.00 | 15.45 | 111.45 | 68.30 | 43.15 | Peak | No Limit |
| 2 | 5705.4000 | 86.36 | 15.45 | 101.81 | 999.00 | -897.19 | AVG | No Limit |
| 3 | 5725.0000 | 49.50 | 15.48 | 64.98 | 68.30 | -3.32 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT20) Mode 5700 MHz |

**Vertical**

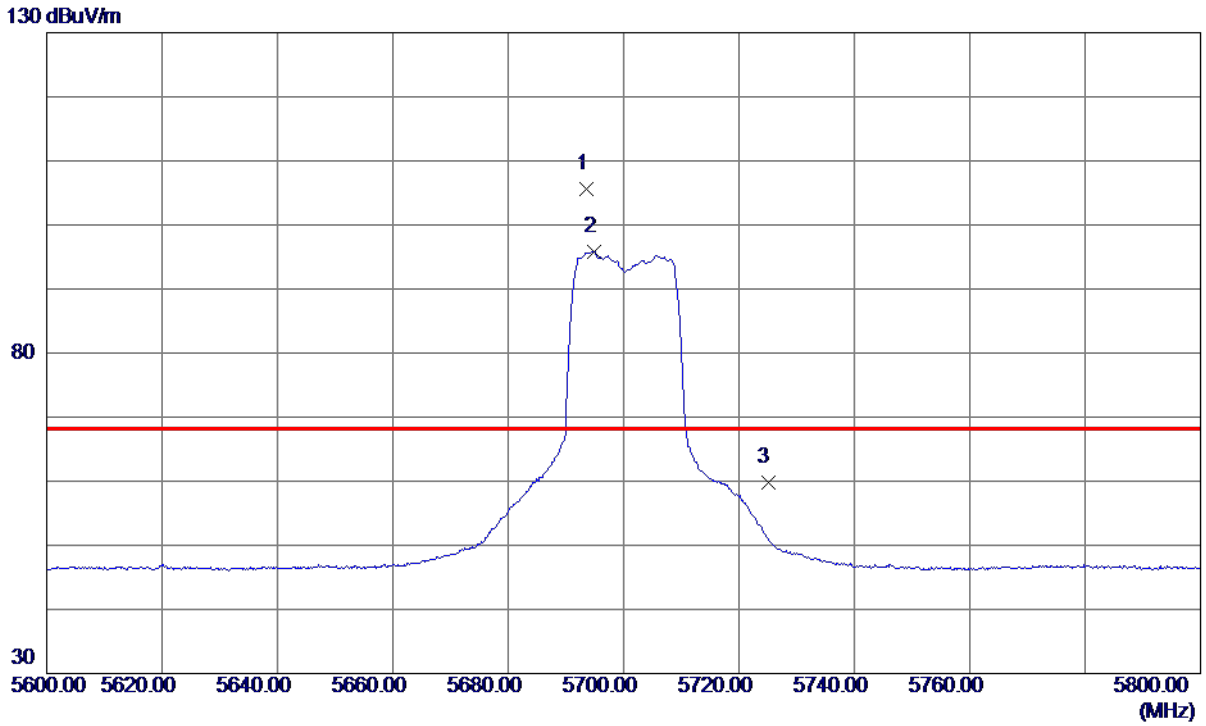



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 11400.1950 | 42.14 | 11.49 | 53.63 | 74.00 | -20.37 | Peak | |
| 2 * | 11400.5950 | 31.25 | 11.49 | 42.74 | 54.00 | -11.26 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT20) Mode 5700 MHz |

**Horizontal**

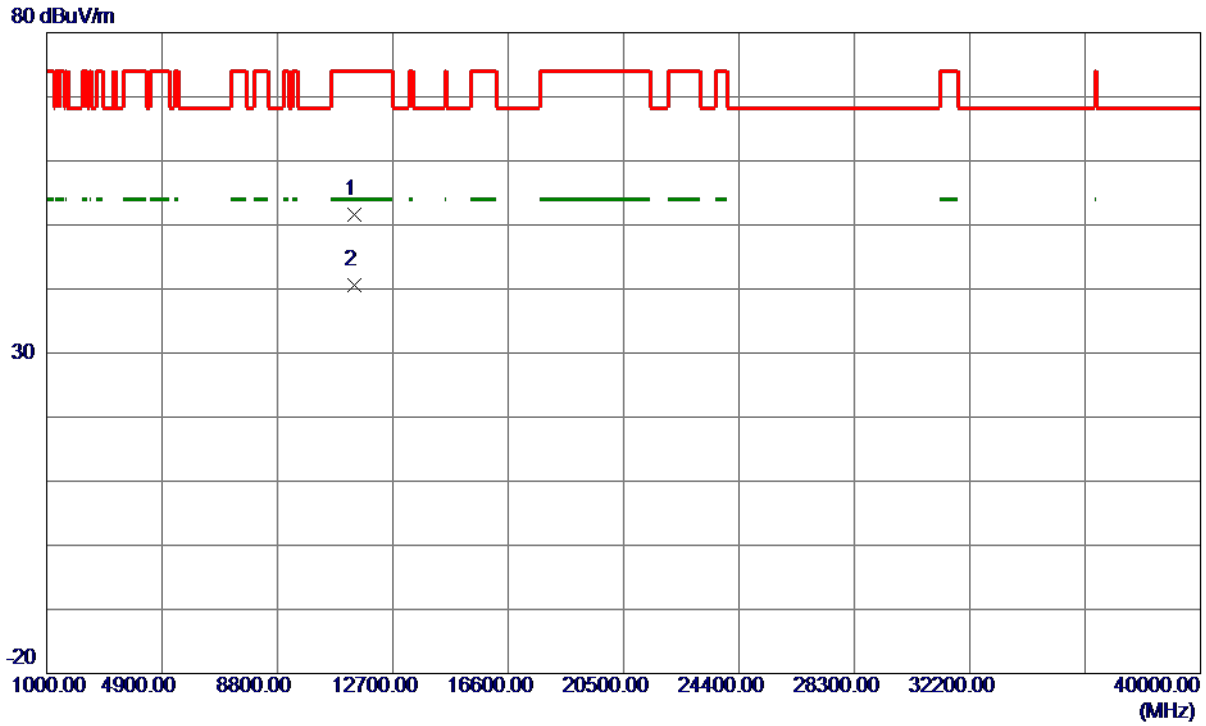



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5693.6000 | 88.96 | 16.61 | 105.57 | 68.30 | 37.27 | Peak | No Limit |
| 2 | 5694.8000 | 79.24 | 16.61 | 95.85 | 999.00 | -903.15 | AVG | No Limit |
| 3 | 5725.0000 | 43.09 | 16.64 | 59.73 | 68.30 | -8.57 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT20) Mode 5700 MHz |

**Horizontal**

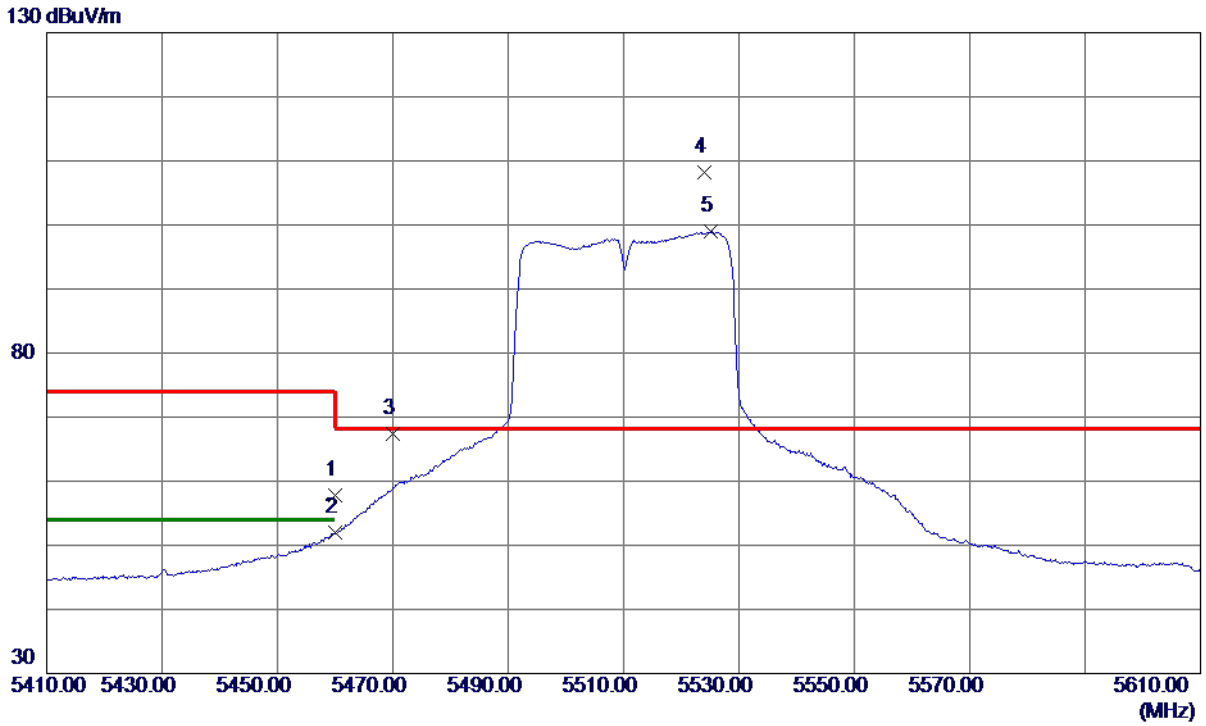



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 11398.1150 | 40.05 | 11.49 | 51.54 | 74.00 | -22.46 | Peak | |
| 2 * | 11400.5150 | 29.19 | 11.49 | 40.68 | 54.00 | -13.32 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT40) Mode 5510 MHz |

**Vertical**

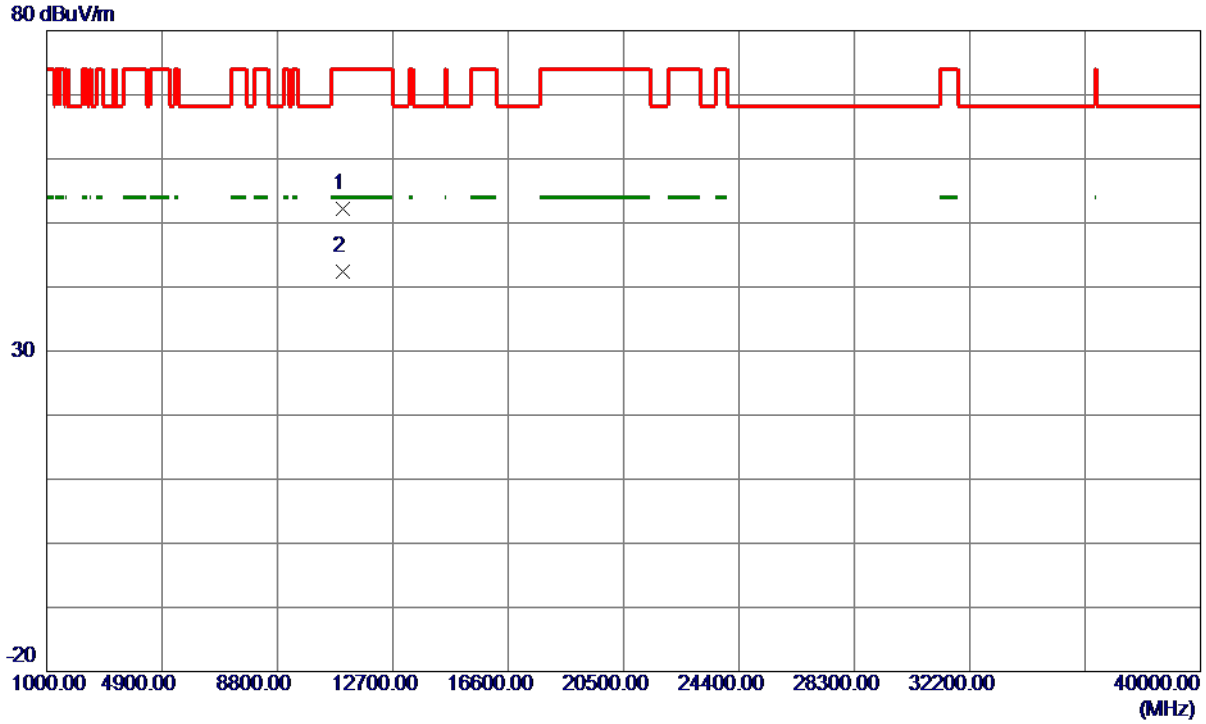



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5460.0000 | 42.69 | 15.11 | 57.80 | 74.00 | -16.20 | Peak | |
| 2 | 5460.0000 | 36.86 | 15.11 | 51.97 | 54.00 | -2.03 | AVG | |
| 3 | 5470.0000 | 52.31 | 15.12 | 67.43 | 68.30 | -0.87 | Peak | |
| 4 * | 5523.9000 | 92.99 | 15.19 | 108.18 | 68.30 | 39.88 | Peak | No Limit |
| 5 | 5525.2000 | 83.70 | 15.20 | 98.90 | 999.00 | -900.10 | AVG | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT40) Mode 5510 MHz |

**Vertical**

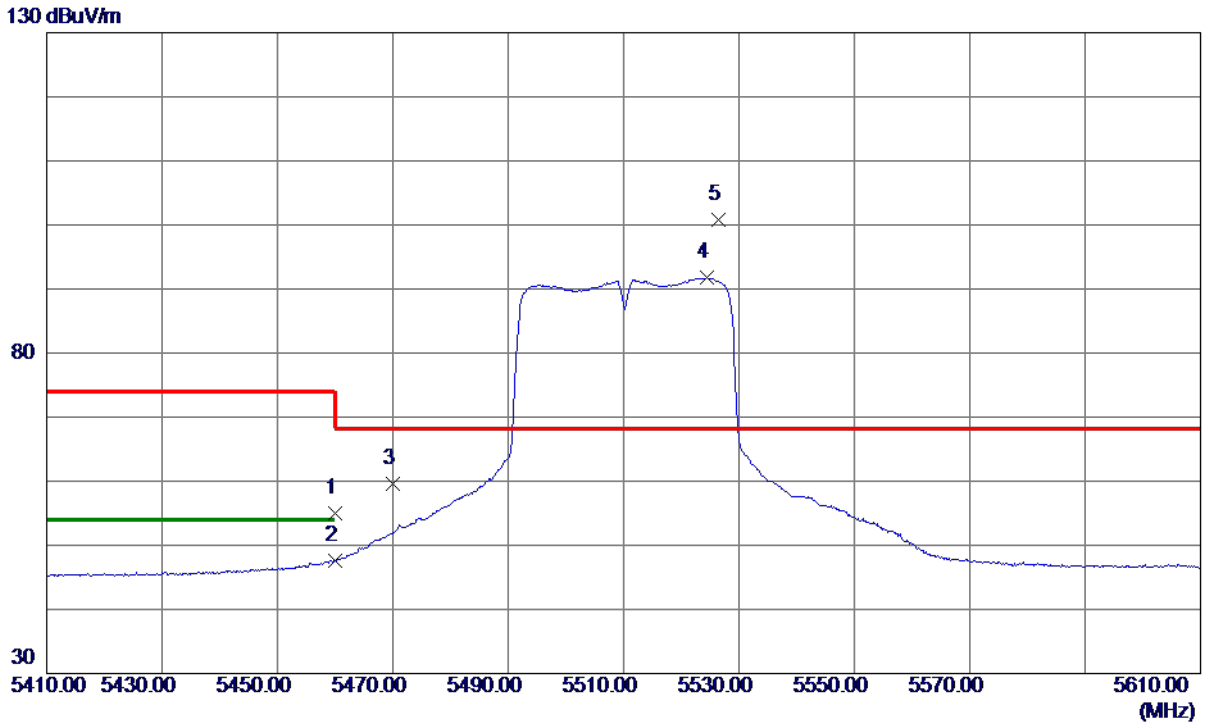



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 11020.2699 | 41.05 | 11.14 | 52.19 | 74.00 | -21.81 | Peak | |
| 2 * | 11020.3300 | 31.30 | 11.14 | 42.44 | 54.00 | -11.56 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT40) Mode 5510 MHz |

**Horizontal**

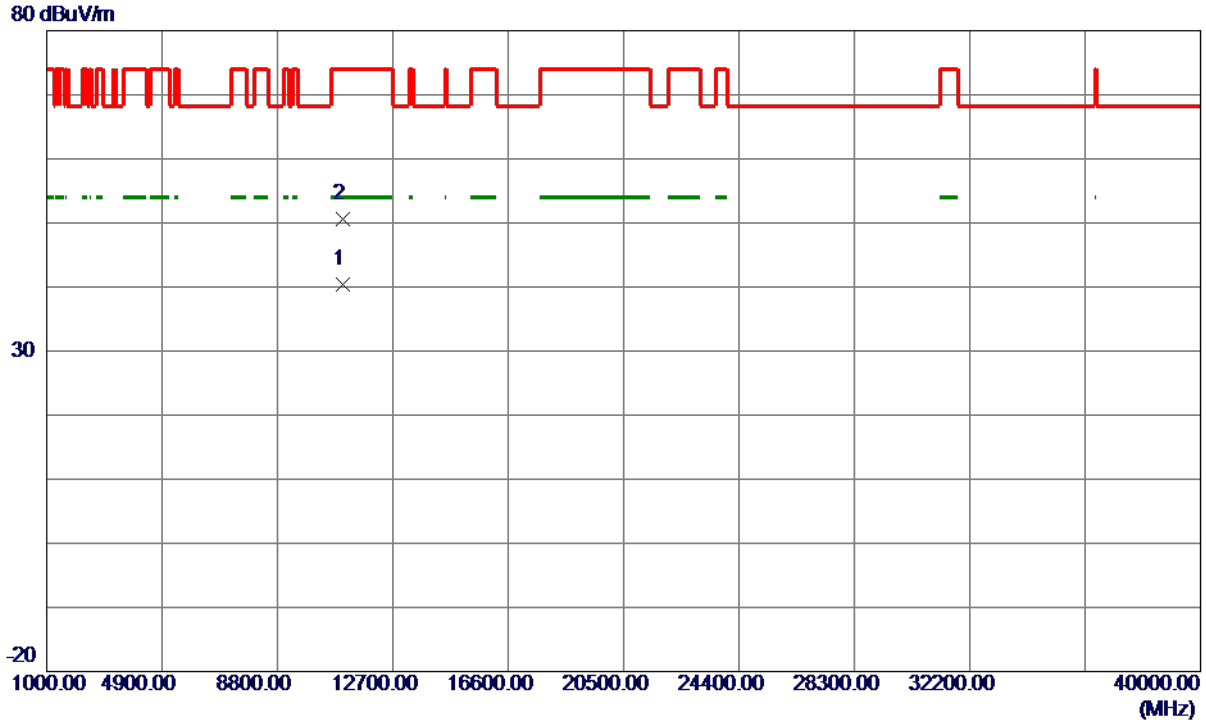



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5460.0000 | 38.60 | 16.35 | 54.95 | 74.00 | -19.05 | Peak | |
| 2 | 5460.0000 | 31.30 | 16.35 | 47.65 | 54.00 | -6.35 | AVG | |
| 3 | 5470.0000 | 43.23 | 16.37 | 59.60 | 68.30 | -8.70 | Peak | |
| 4 | 5524.4000 | 75.28 | 16.45 | 91.73 | 999.00 | -907.27 | AVG | No Limit |
| 5 * | 5526.5000 | 84.31 | 16.45 | 100.76 | 68.30 | 32.46 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT40) Mode 5510 MHz |

**Horizontal**

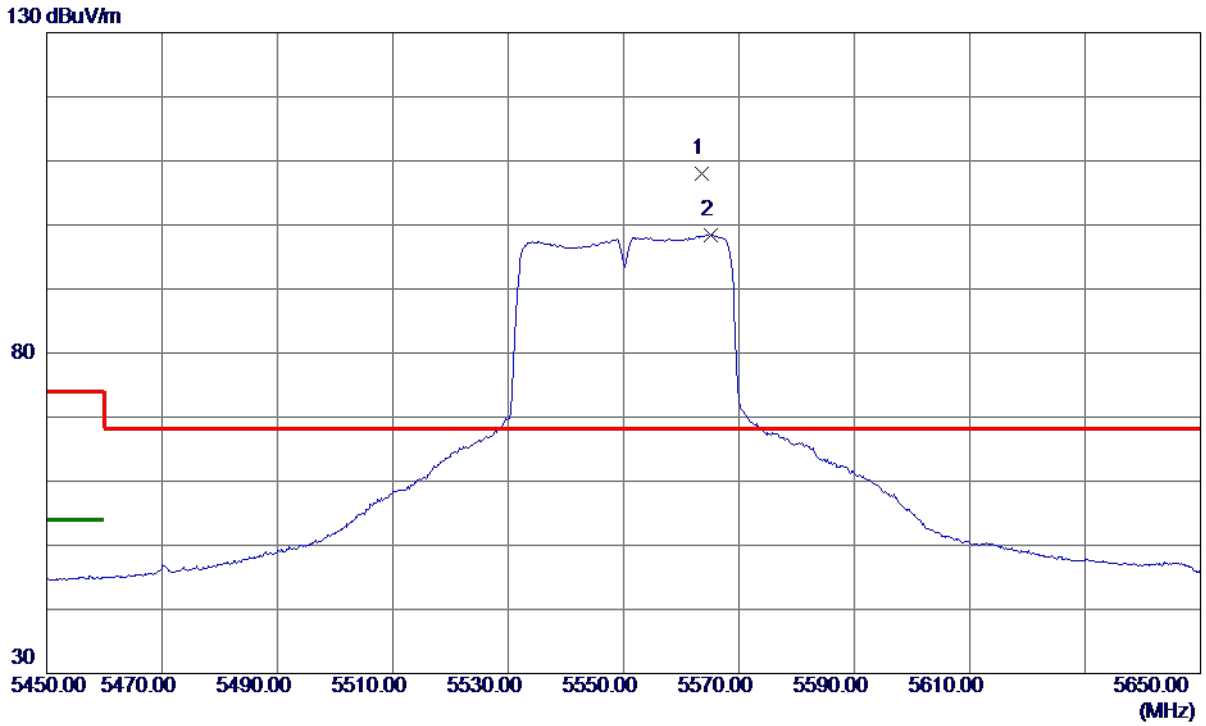



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 11019.9000 | 29.34 | 11.14 | 40.48 | 54.00 | -13.52 | AVG | |
| 2 | 11022.7200 | 39.54 | 11.14 | 50.68 | 74.00 | -23.32 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT40) Mode 5550 MHz |

**Vertical**

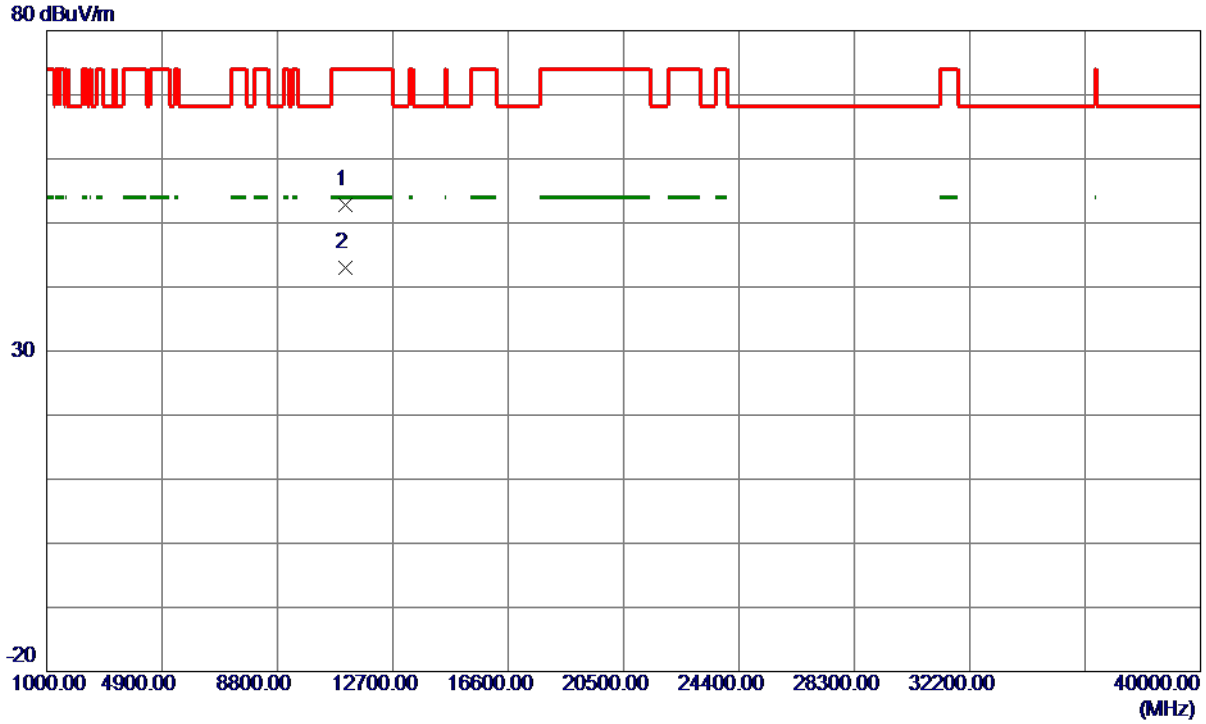



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5563.5000 | 92.79 | 15.25 | 108.04 | 68.30 | 39.74 | Peak | No Limit |
| 2 | 5565.1000 | 83.20 | 15.25 | 98.45 | 999.00 | -900.55 | AVG | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT40) Mode 5550 MHz |

**Vertical**

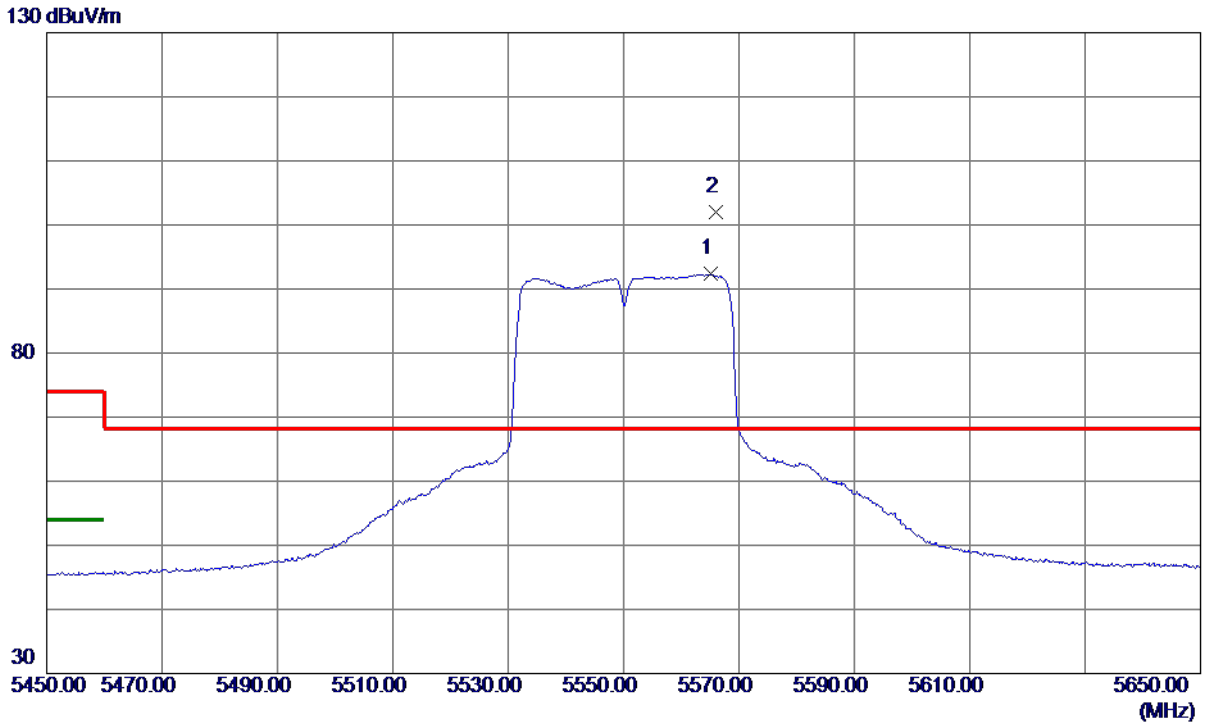



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 11100.3500 | 41.58 | 11.21 | 52.79 | 74.00 | -21.21 | Peak | |
| 2 * | 11100.4000 | 31.77 | 11.21 | 42.98 | 54.00 | -11.02 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT40) Mode 5550 MHz |

**Horizontal**




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5565.1000 | 75.83 | 16.49 | 92.32 | 999.00 | -906.68 | AVG | No Limit |
| 2 * | 5565.9000 | 85.60 | 16.49 | 102.09 | 68.30 | 33.79 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT40) Mode 5550 MHz |

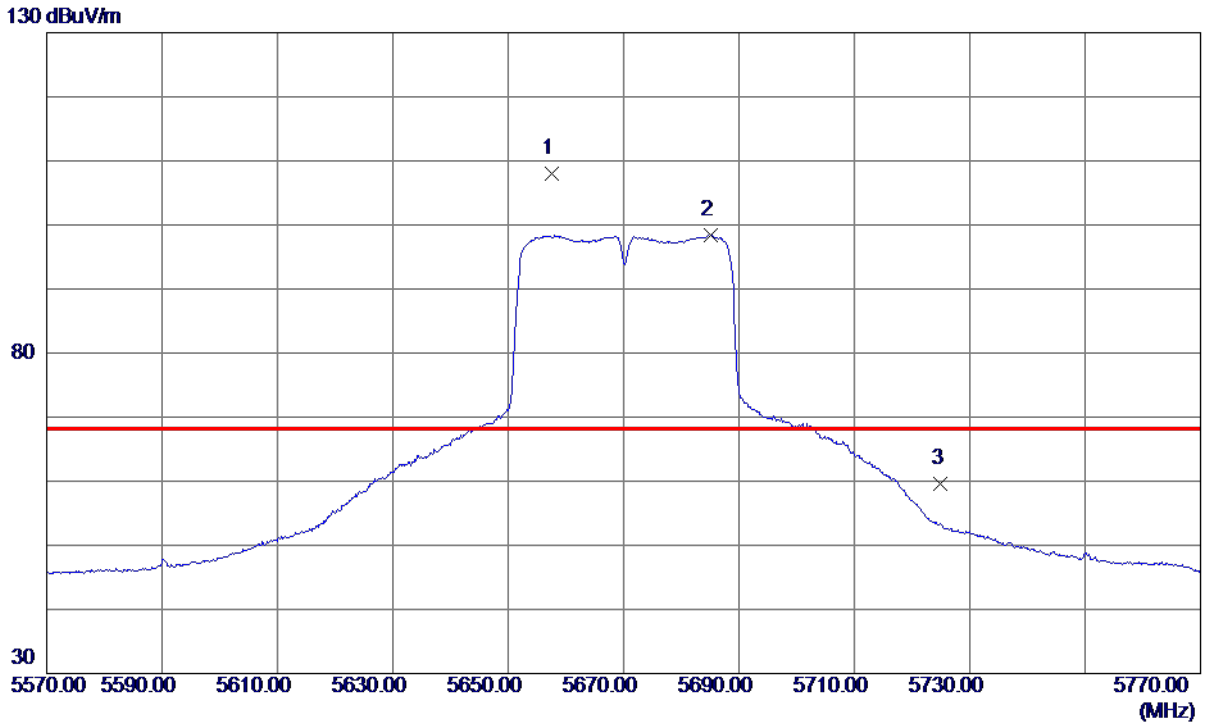
**Horizontal**


| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 11095.7850 | 28.83 | 11.21 | 40.04 | 54.00 | -13.96 | AVG | |
| 2 | 11103.1849 | 38.98 | 11.21 | 50.19 | 74.00 | -23.81 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT40) Mode 5670 MHz |

**Vertical**

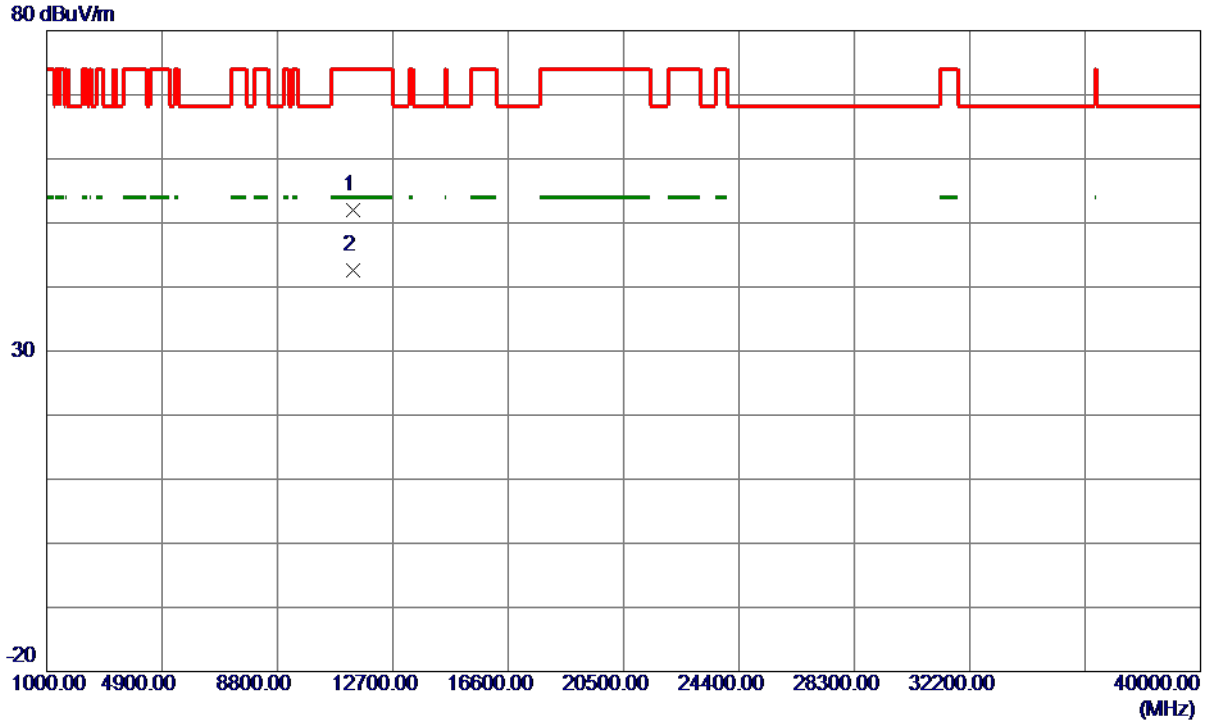



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5657.5000 | 92.61 | 15.38 | 107.99 | 68.30 | 39.69 | Peak | No Limit |
| 2 | 5685.2000 | 82.96 | 15.42 | 98.38 | 999.00 | -900.62 | AVG | No Limit |
| 3 | 5725.0000 | 44.12 | 15.48 | 59.60 | 68.30 | -8.70 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT40) Mode 5670 MHz |

**Vertical**

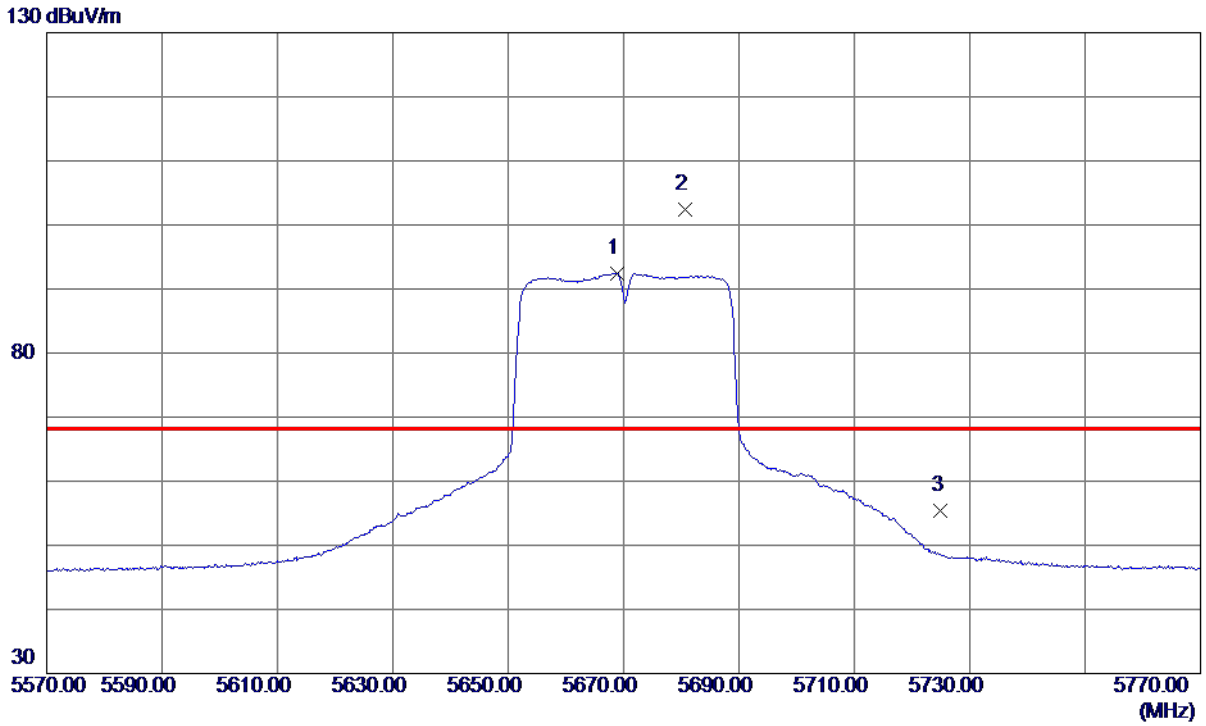



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 11340.3700 | 40.50 | 11.43 | 51.93 | 74.00 | -22.07 | Peak | |
| 2 * | 11340.5199 | 31.20 | 11.43 | 42.63 | 54.00 | -11.37 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT40) Mode 5670 MHz |

**Horizontal**

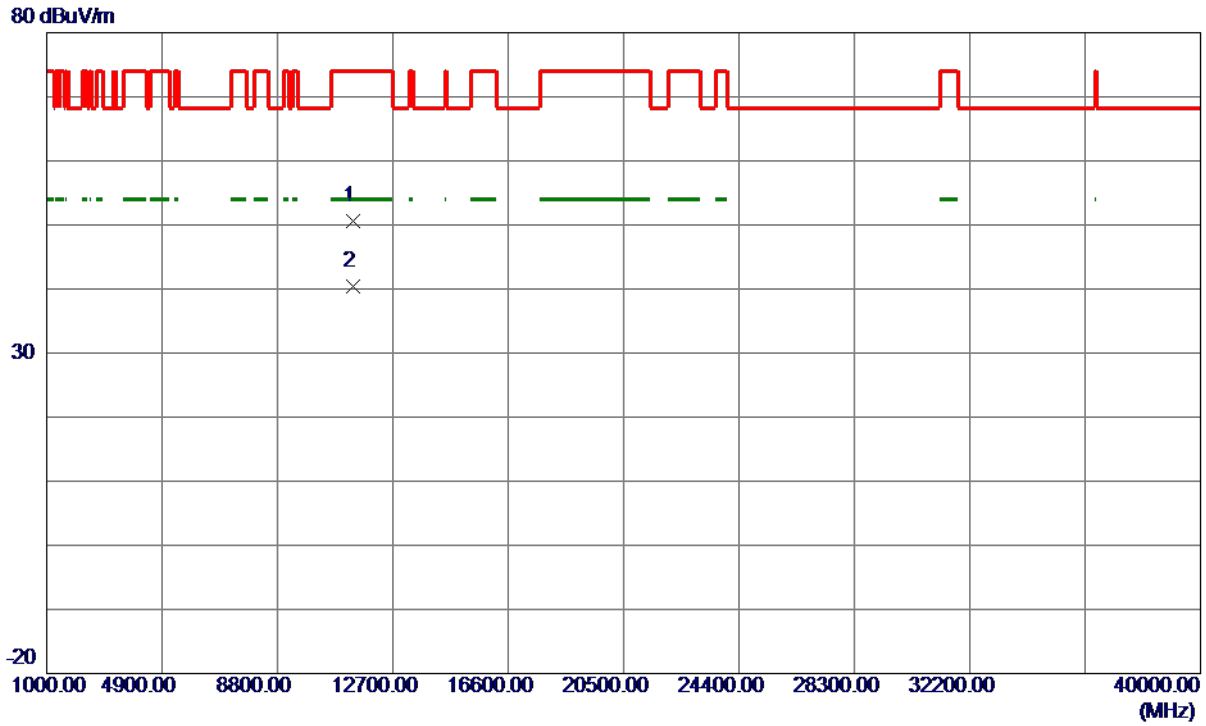



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5668.9000 | 75.83 | 16.59 | 92.42 | 999.00 | -906.58 | AVG | No Limit |
| 2 * | 5680.7000 | 85.75 | 16.60 | 102.35 | 68.30 | 34.05 | Peak | No Limit |
| 3 | 5725.0000 | 38.72 | 16.64 | 55.36 | 68.30 | -12.94 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-2C_TX N (HT40) Mode 5670 MHz |

**Horizontal**

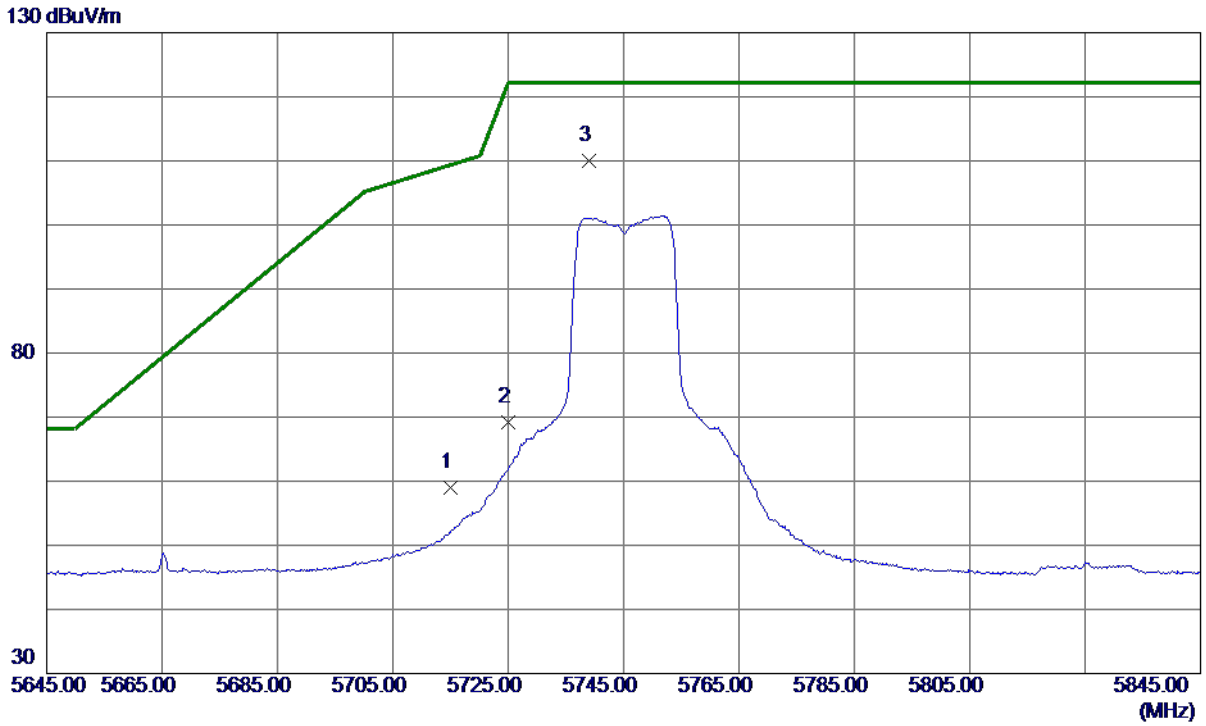



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 11339.5150 | 39.26 | 11.43 | 50.69 | 74.00 | -23.31 | Peak | |
| 2 * | 11340.8700 | 29.05 | 11.43 | 40.48 | 54.00 | -13.52 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX A Mode 5745 MHz |

**Vertical**

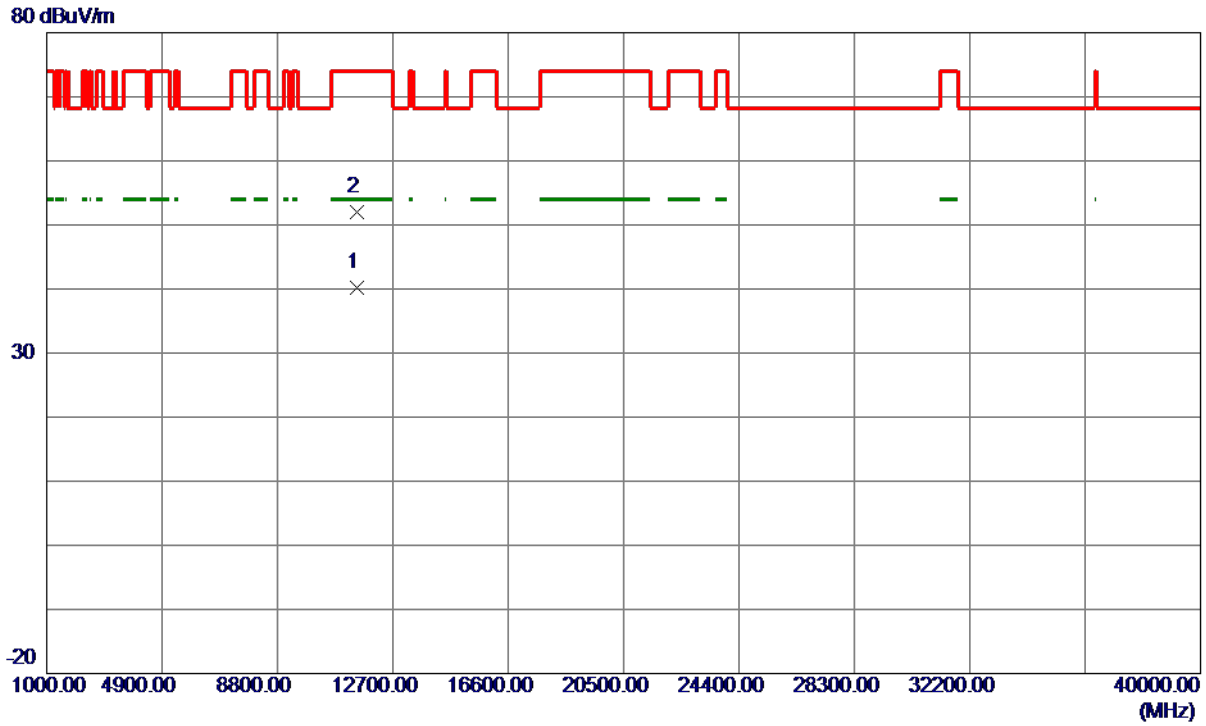



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5715.0000 | 43.55 | 15.47 | 59.02 | 109.40 | -50.38 | Peak | |
| 2 | 5725.0000 | 53.70 | 15.48 | 69.18 | 122.20 | -53.02 | Peak | |
| 3 * | 5738.9000 | 94.60 | 15.50 | 110.10 | 122.20 | -12.10 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX A Mode 5745 MHz |

**Vertical**

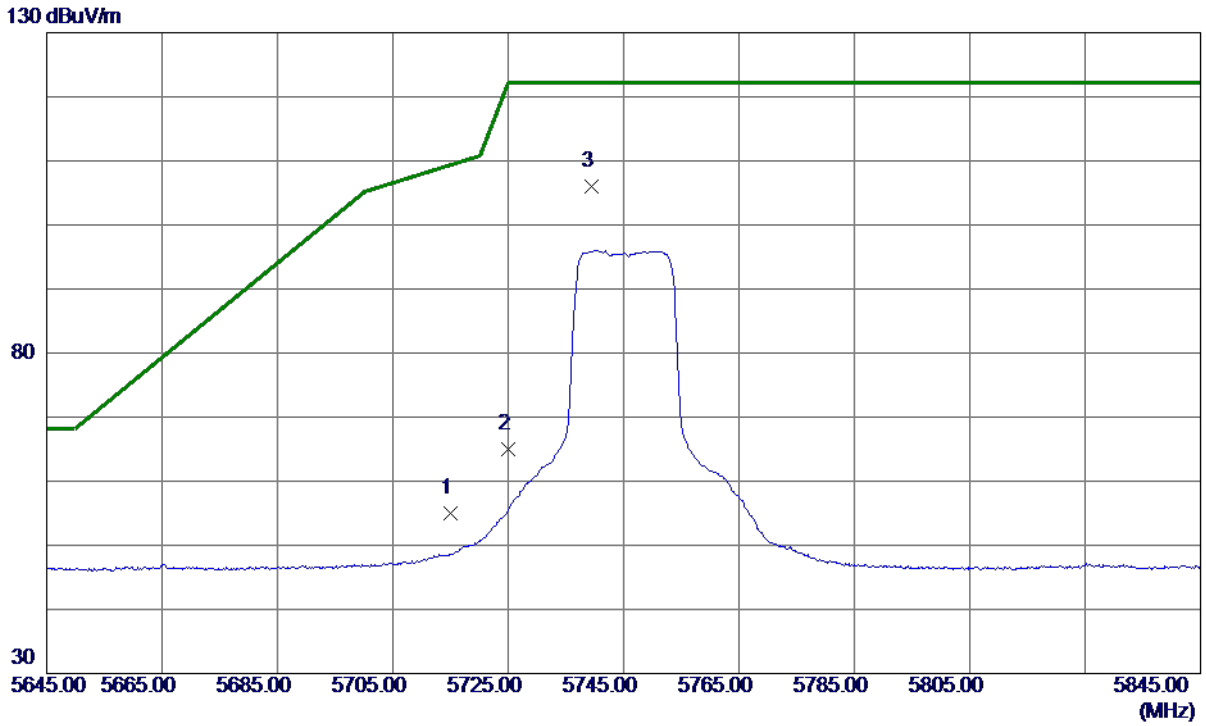



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 11487.8000 | 28.63 | 11.57 | 40.20 | 54.00 | -13.80 | AVG | |
| 2 | 11491.3450 | 40.45 | 11.57 | 52.02 | 74.00 | -21.98 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX A Mode 5745 MHz |

**Horizontal**

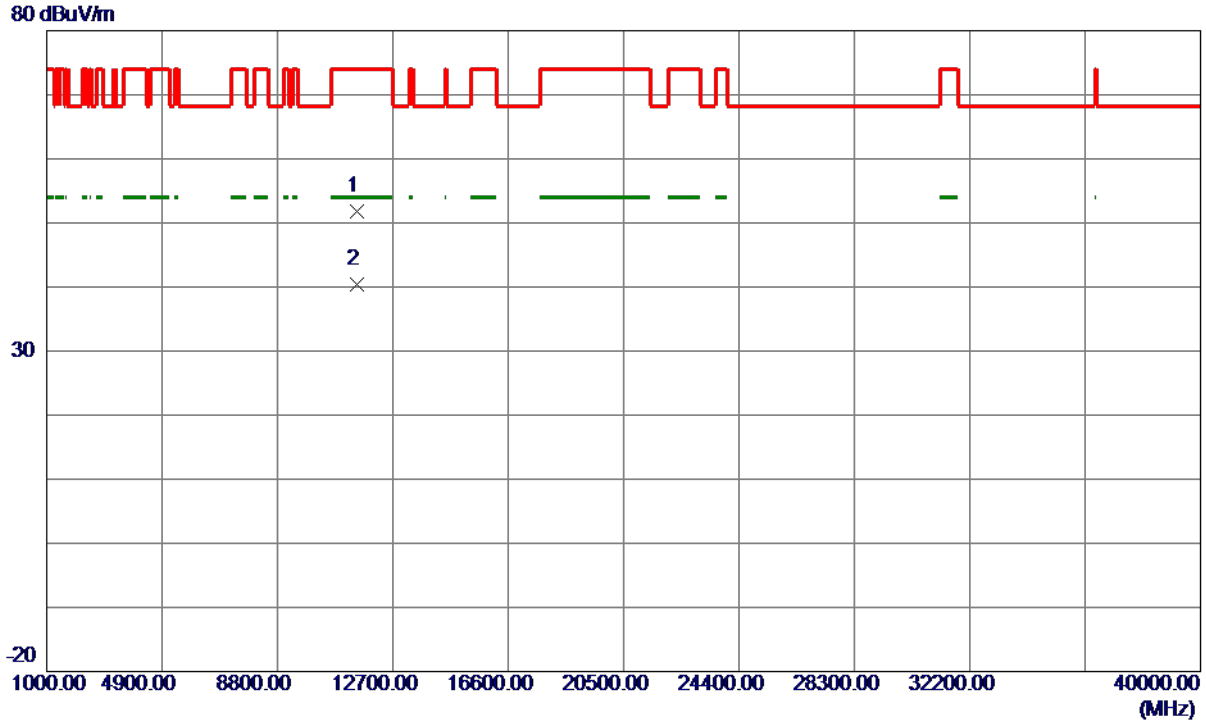



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5715.0000 | 38.42 | 16.63 | 55.05 | 109.40 | -54.35 | Peak | |
| 2 | 5725.0000 | 48.28 | 16.64 | 64.92 | 122.20 | -57.28 | Peak | |
| 3 * | 5739.4000 | 89.43 | 16.66 | 106.09 | 122.20 | -16.11 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX A Mode 5745 MHz |

**Horizontal**

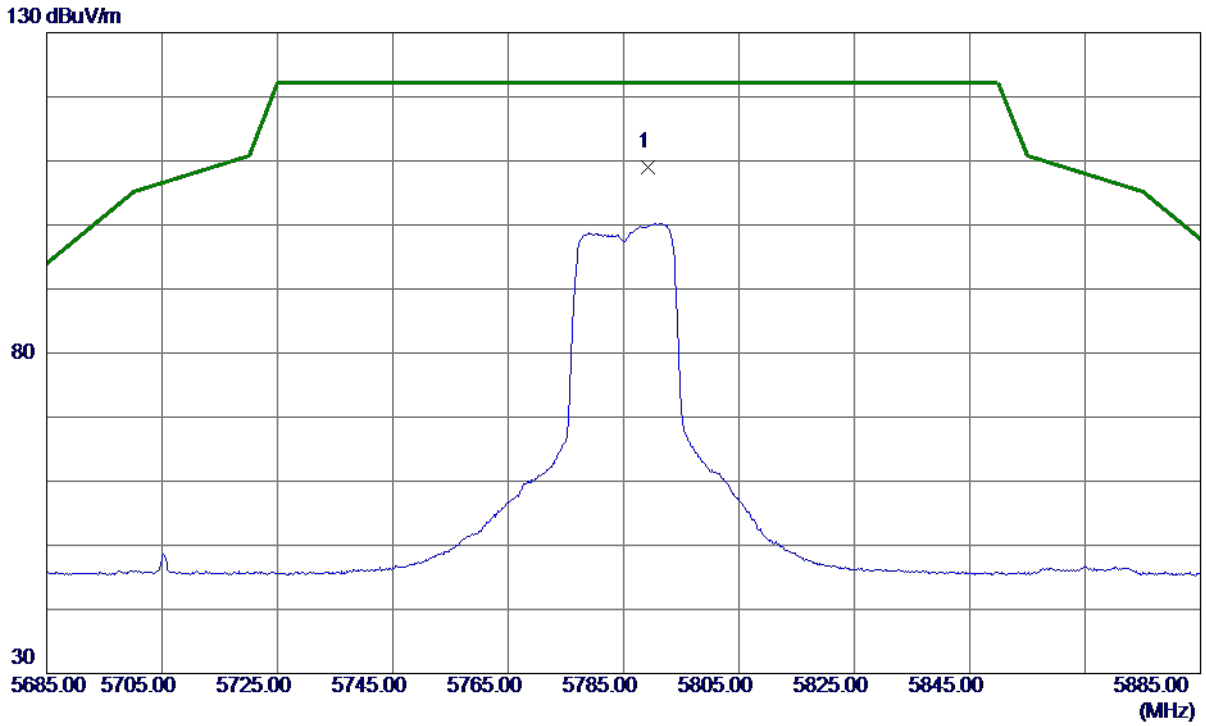



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 11486.5199 | 40.31 | 11.57 | 51.88 | 74.00 | -22.12 | Peak | |
| 2 * | 11488.4150 | 28.76 | 11.57 | 40.33 | 54.00 | -13.67 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX A Mode 5785 MHz |

**Vertical**

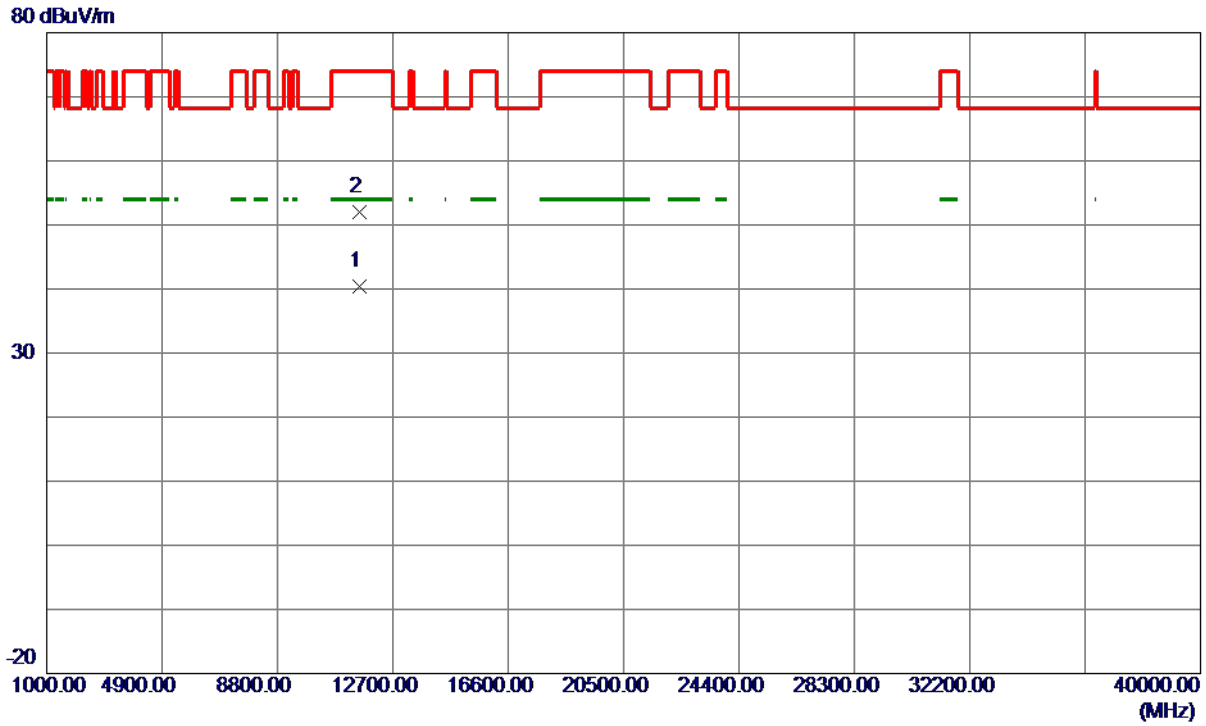



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5789.3000 | 93.49 | 15.57 | 109.06 | 122.20 | -13.14 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX A Mode 5785 MHz |

**Vertical**

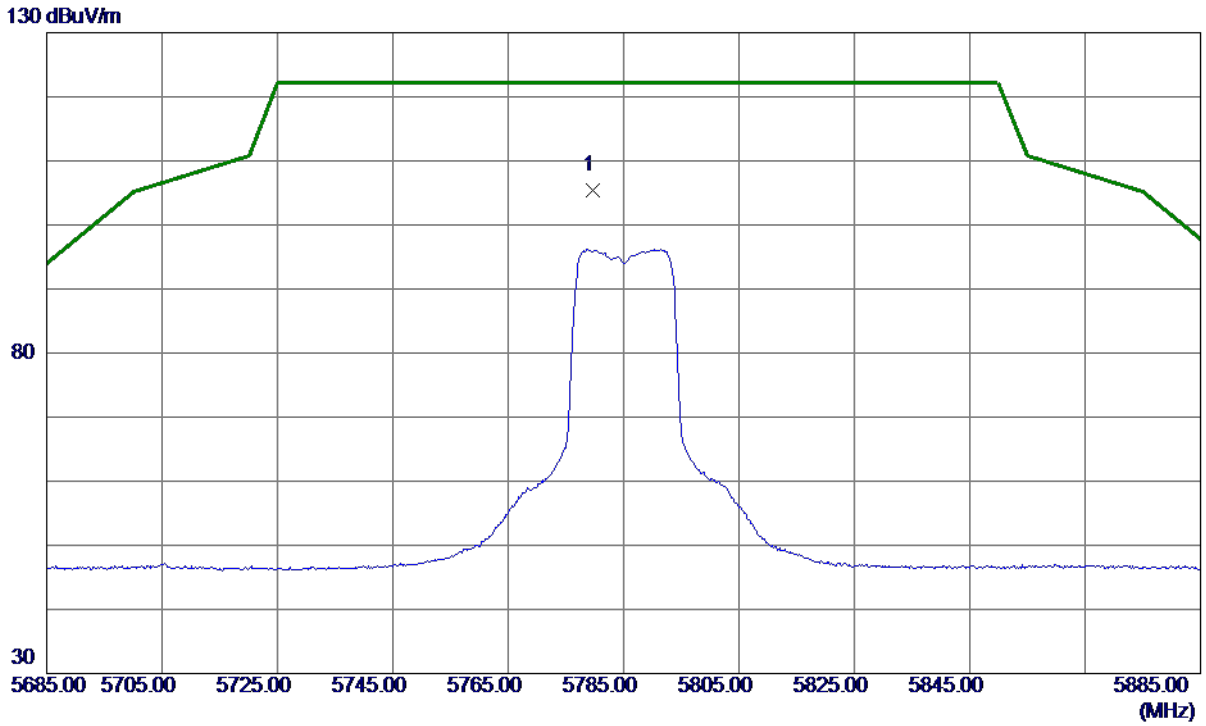



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 11565.0800 | 28.80 | 11.62 | 40.42 | 54.00 | -13.58 | AVG | |
| 2 | 11571.7350 | 40.43 | 11.62 | 52.05 | 74.00 | -21.95 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX A Mode 5785 MHz |

**Horizontal**

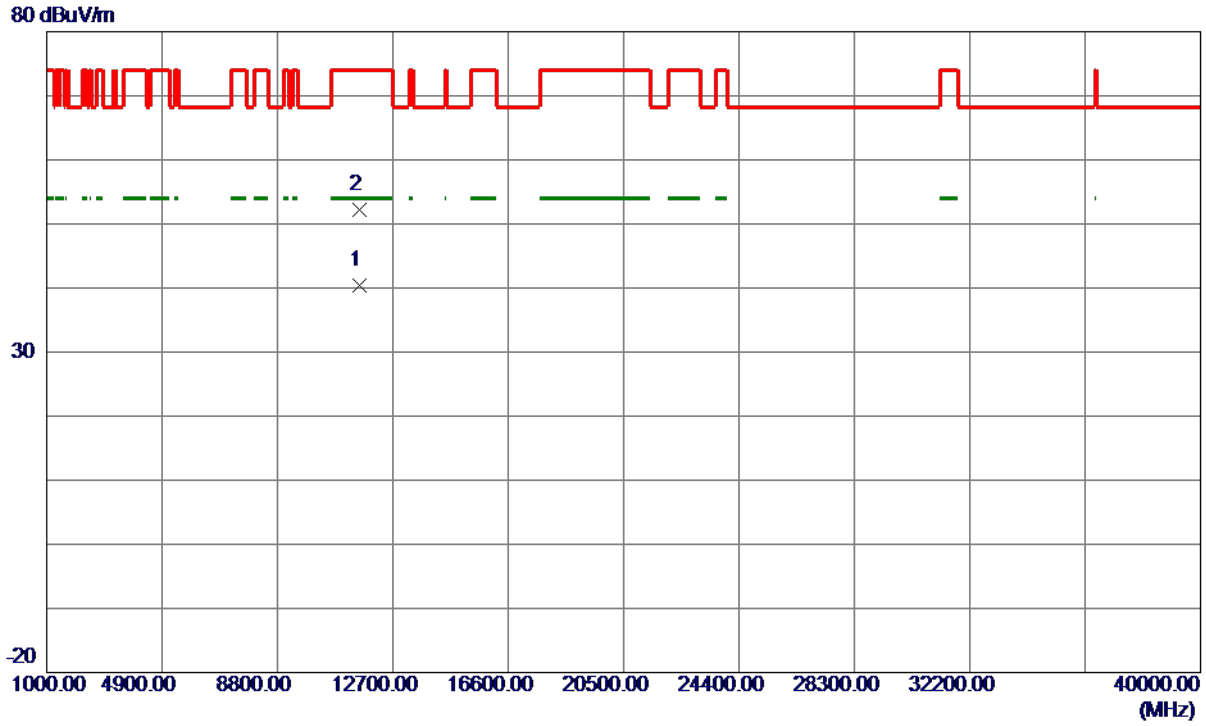



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5779.7000 | 88.63 | 16.69 | 105.32 | 122.20 | -16.88 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX A Mode 5785 MHz |

**Horizontal**

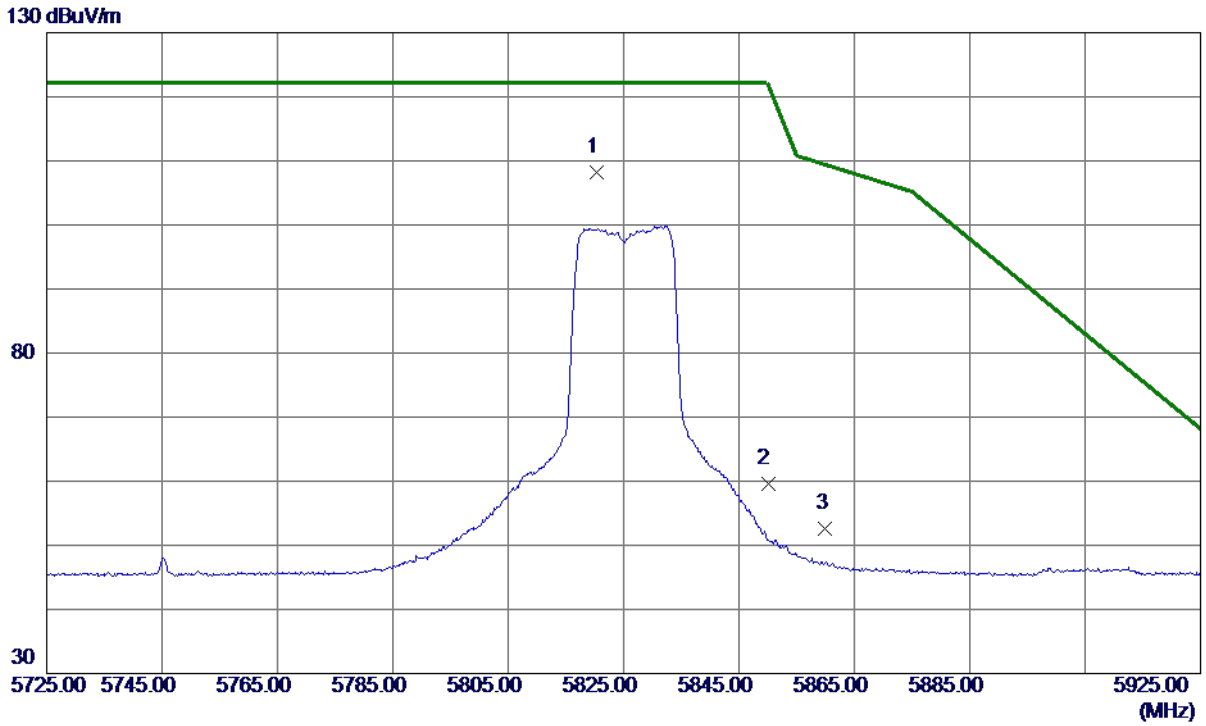



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 11567.4250 | 28.87 | 11.62 | 40.49 | 54.00 | -13.51 | AVG | |
| 2 | 11567.9750 | 40.65 | 11.62 | 52.27 | 74.00 | -21.73 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX A Mode 5825 MHz |

**Vertical**

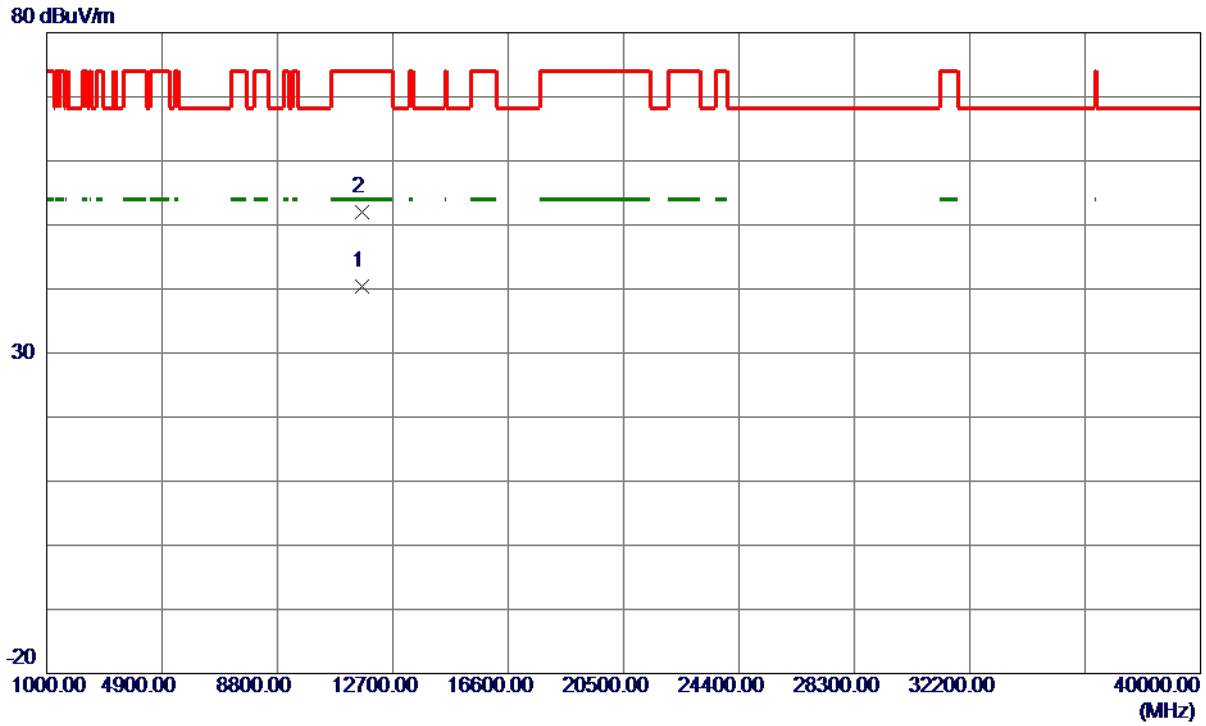



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5820.3000 | 92.60 | 15.61 | 108.21 | 122.20 | -13.99 | Peak | No Limit |
| 2 | 5850.0000 | 43.88 | 15.66 | 59.54 | 122.20 | -62.66 | Peak | |
| 3 | 5860.0000 | 36.86 | 15.67 | 52.53 | 109.40 | -56.87 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX A Mode 5825 MHz |

**Vertical**

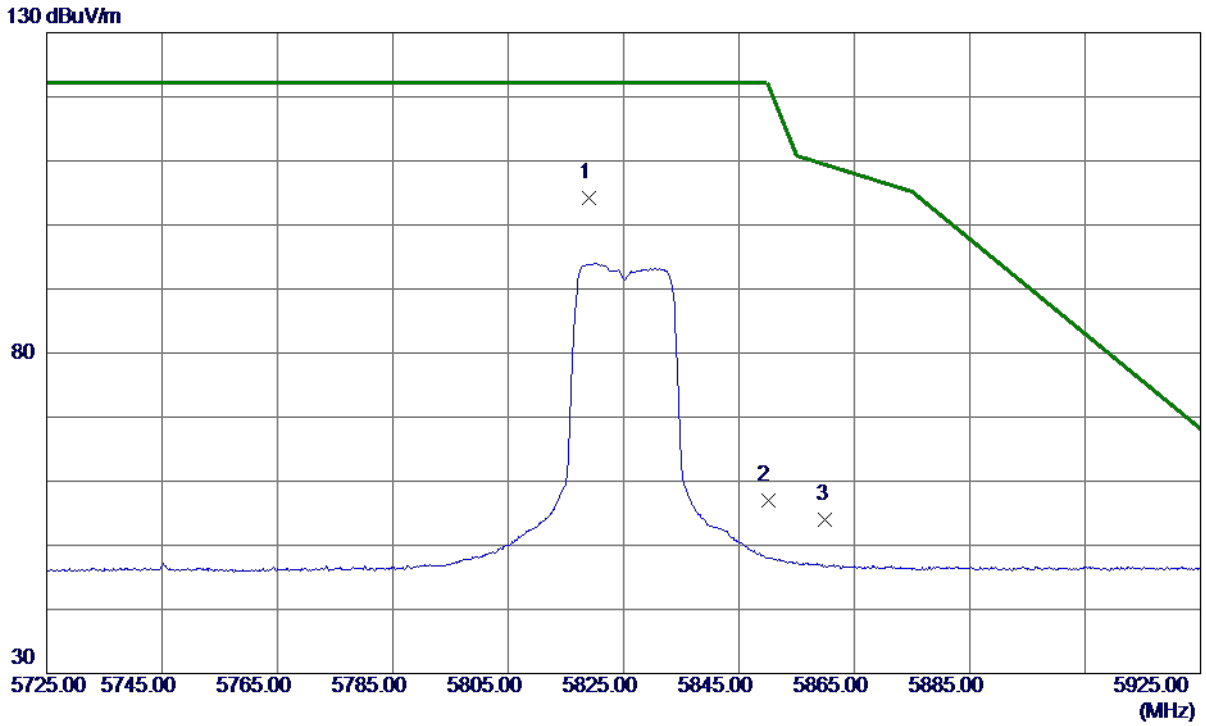



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 11648.0599 | 28.77 | 11.67 | 40.44 | 54.00 | -13.56 | AVG | |
| 2 | 11653.8800 | 40.32 | 11.67 | 51.99 | 74.00 | -22.01 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX A Mode 5825 MHz |

**Horizontal**

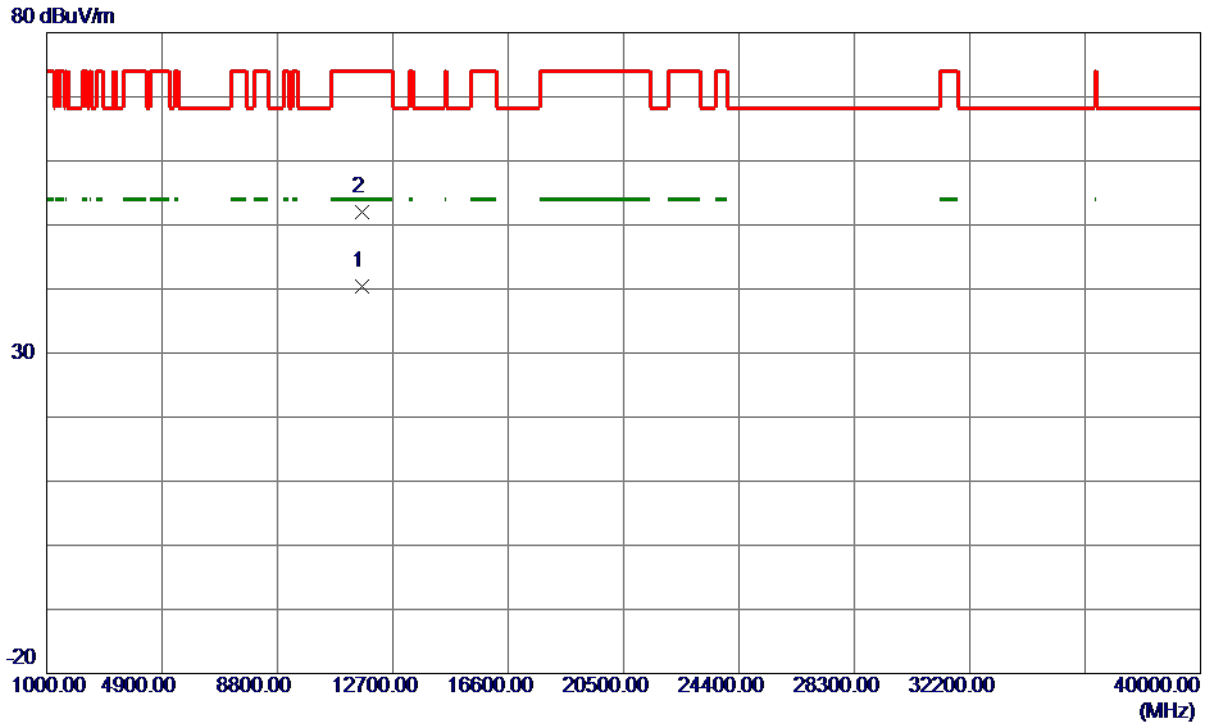



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5818.9000 | 87.42 | 16.73 | 104.15 | 122.20 | -18.05 | Peak | No Limit |
| 2 | 5850.0000 | 40.32 | 16.76 | 57.08 | 122.20 | -65.12 | Peak | |
| 3 | 5860.0000 | 37.20 | 16.77 | 53.97 | 109.40 | -55.43 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX A Mode 5825 MHz |

**Horizontal**

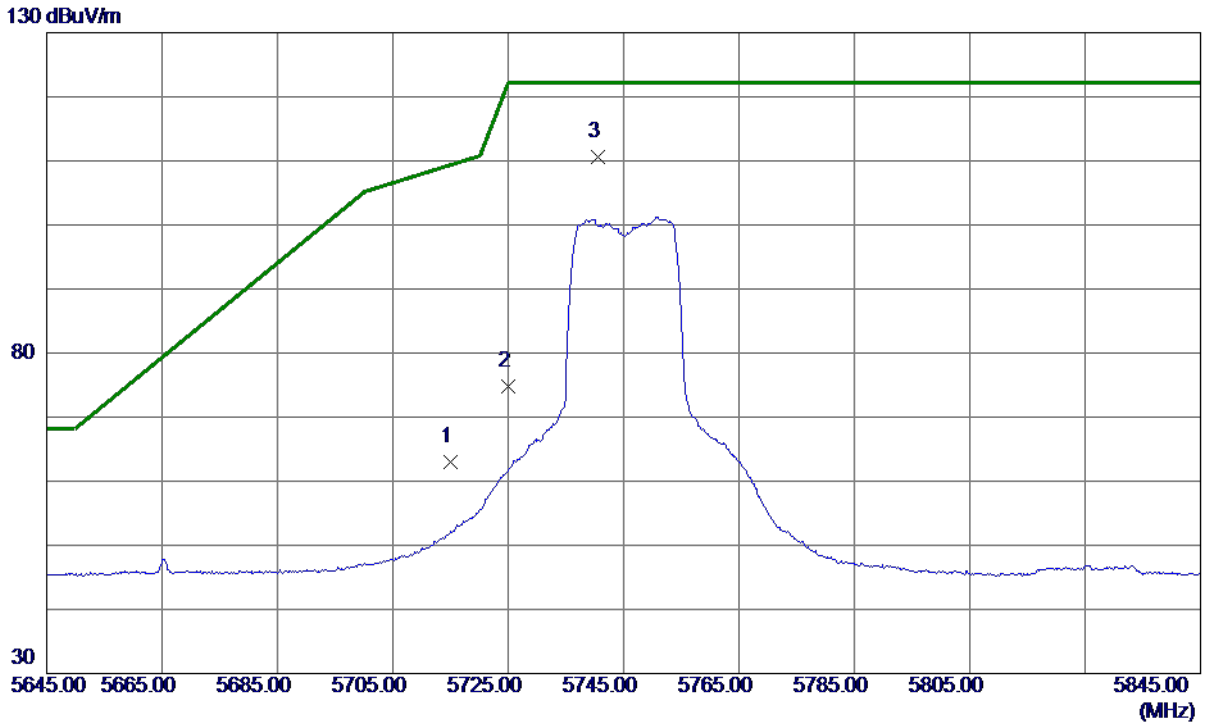



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 11650.2050 | 28.74 | 11.67 | 40.41 | 54.00 | -13.59 | AVG | |
| 2 | 11651.3650 | 40.41 | 11.67 | 52.08 | 74.00 | -21.92 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX N (HT20) Mode 5745 MHz |

**Vertical**

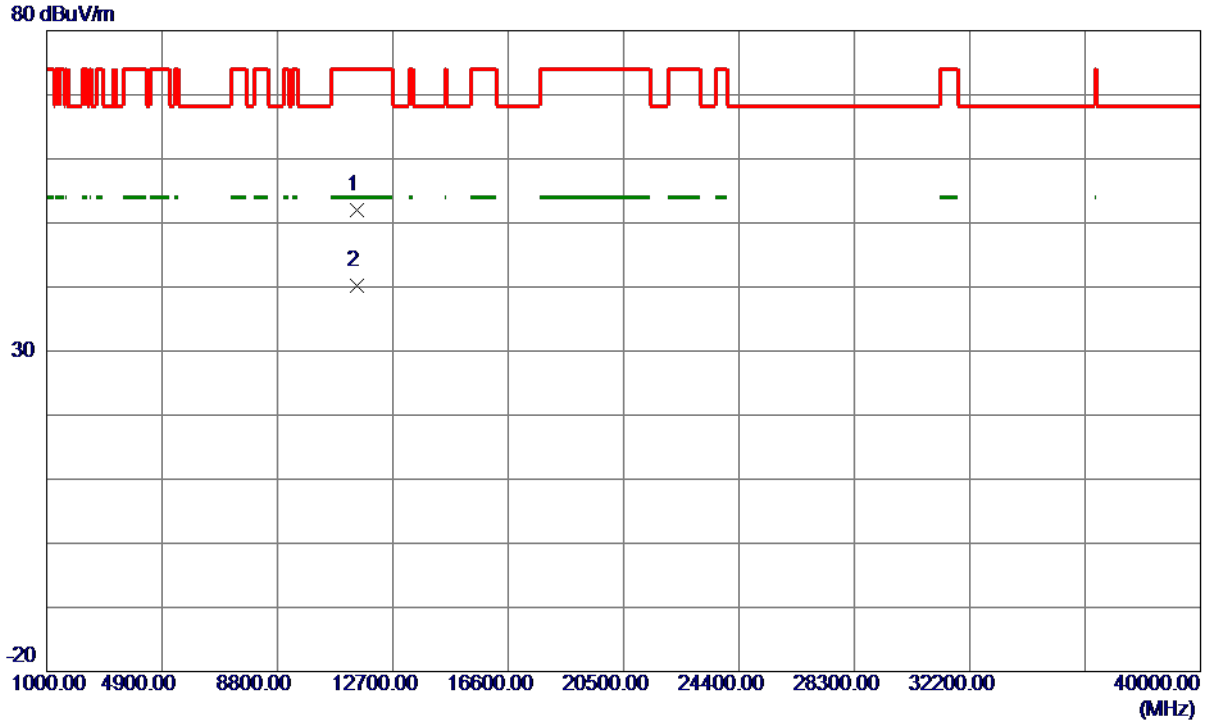



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5715.0000 | 47.57 | 15.47 | 63.04 | 109.40 | -46.36 | Peak | |
| 2 | 5725.0000 | 59.23 | 15.48 | 74.71 | 122.20 | -47.49 | Peak | |
| 3 * | 5740.6000 | 95.02 | 15.50 | 110.52 | 122.20 | -11.68 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX N (HT20) Mode 5745 MHz |

**Vertical**

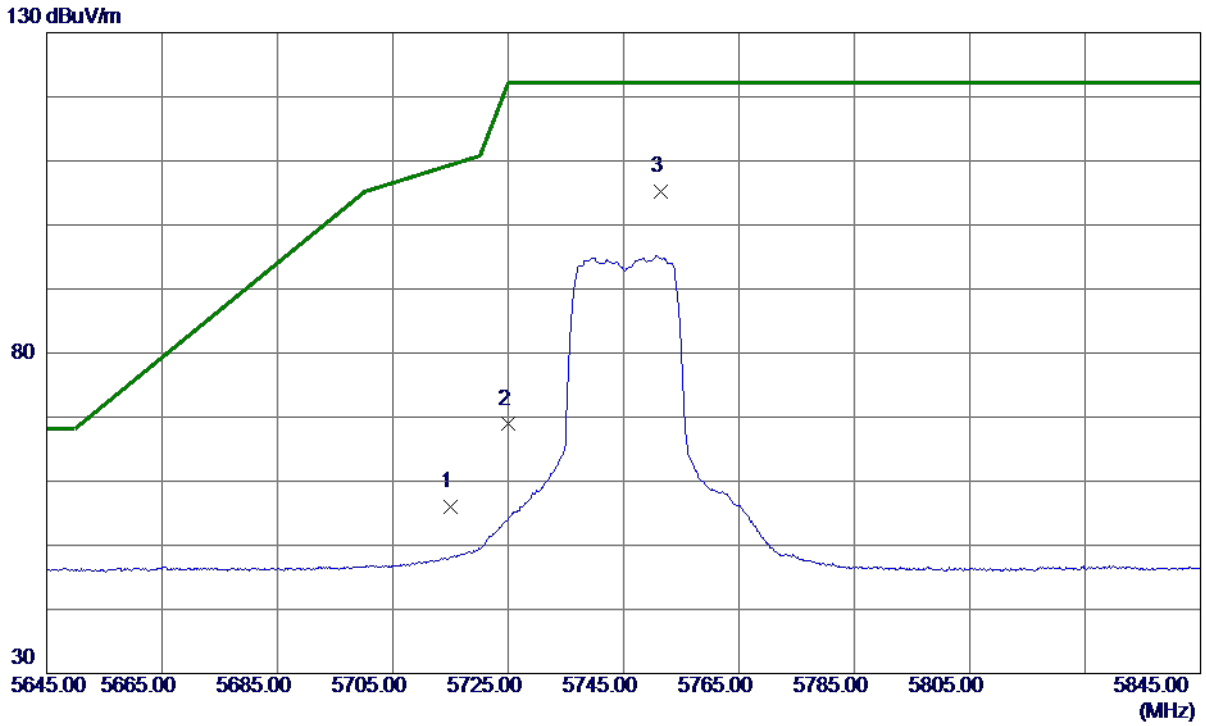



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 11489.4250 | 40.39 | 11.57 | 51.96 | 74.00 | -22.04 | Peak | |
| 2 * | 11492.2150 | 28.61 | 11.57 | 40.18 | 54.00 | -13.82 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX N (HT20) Mode 5745 MHz |

**Horizontal**

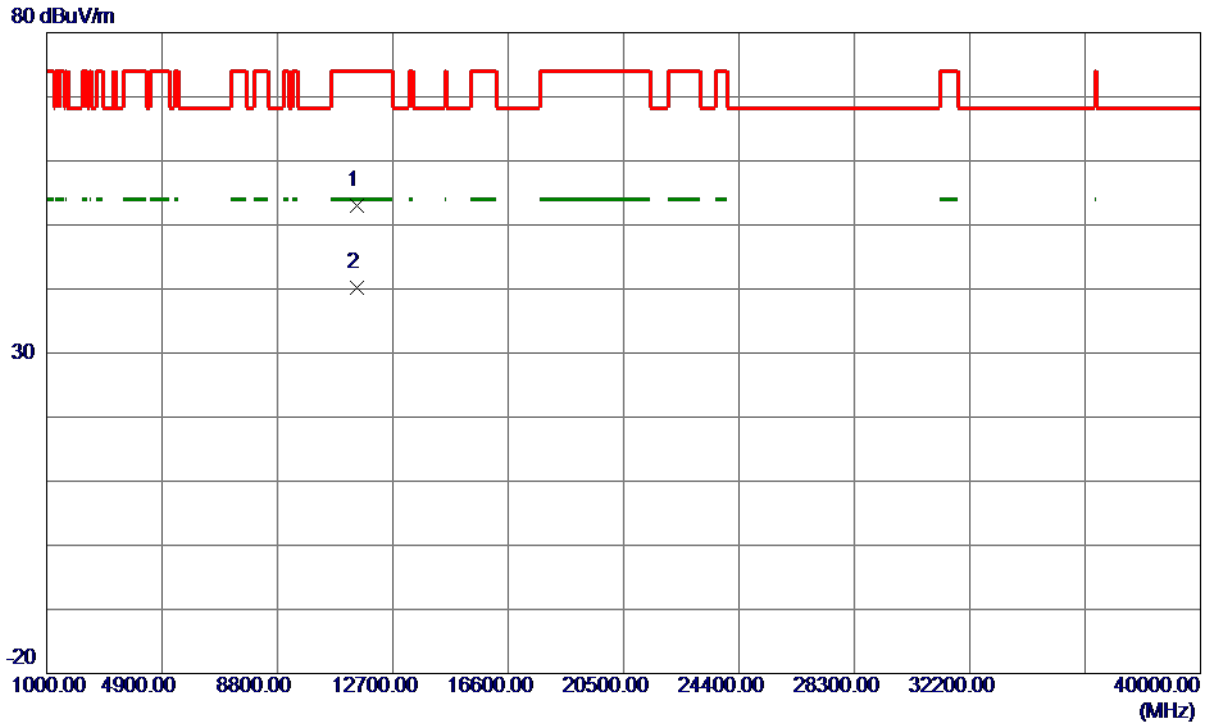



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5715.0000 | 39.41 | 16.63 | 56.04 | 109.40 | -53.36 | Peak | |
| 2 | 5725.0000 | 52.26 | 16.64 | 68.90 | 122.20 | -53.30 | Peak | |
| 3 * | 5751.5000 | 88.47 | 16.67 | 105.14 | 122.20 | -17.06 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX N (HT20) Mode 5745 MHz |

**Horizontal**

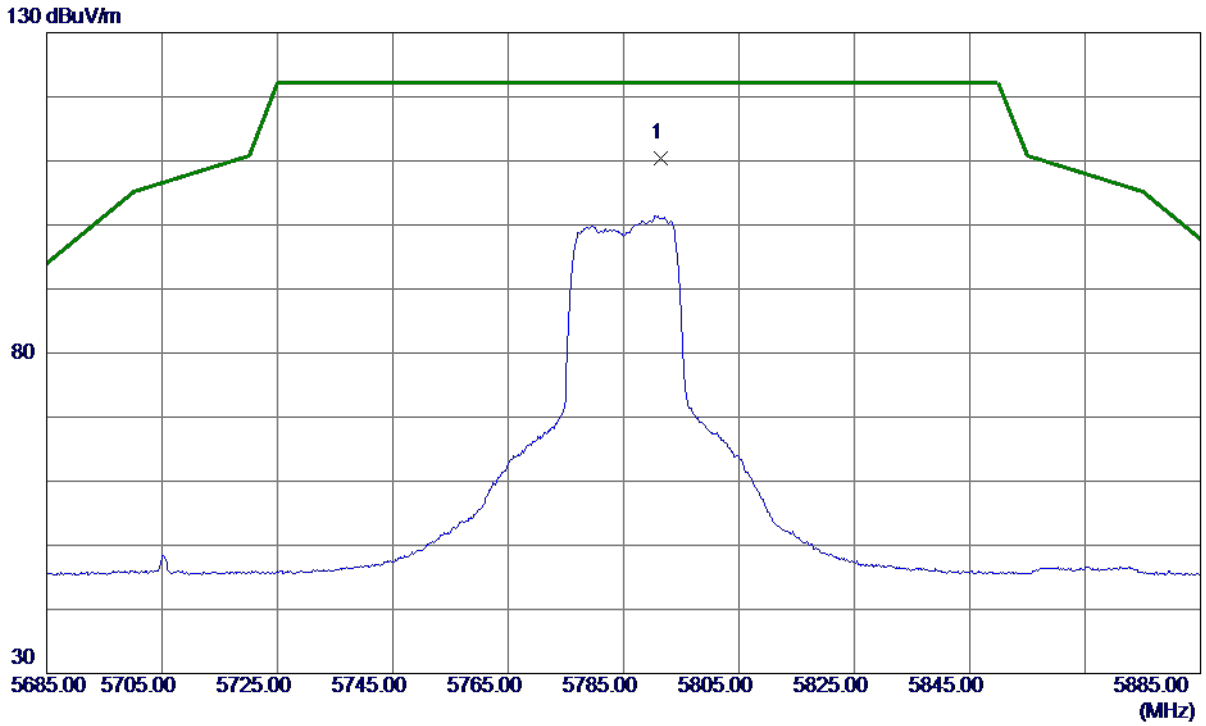



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 11486.6700 | 41.43 | 11.57 | 53.00 | 74.00 | -21.00 | Peak | |
| 2 * | 11494.6750 | 28.64 | 11.58 | 40.22 | 54.00 | -13.78 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX N (HT20) Mode 5785 MHz |

**Vertical**

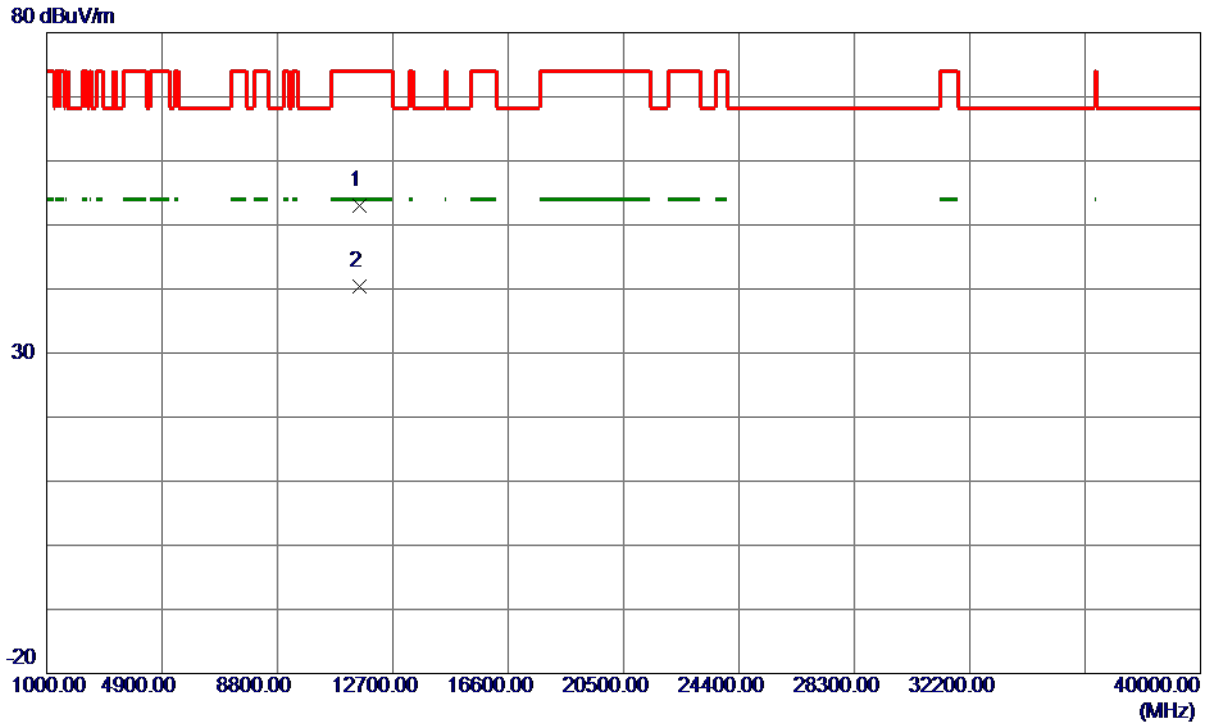



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5791.5000 | 94.78 | 15.57 | 110.35 | 122.20 | -11.85 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX N (HT20) Mode 5785 MHz |

**Vertical**

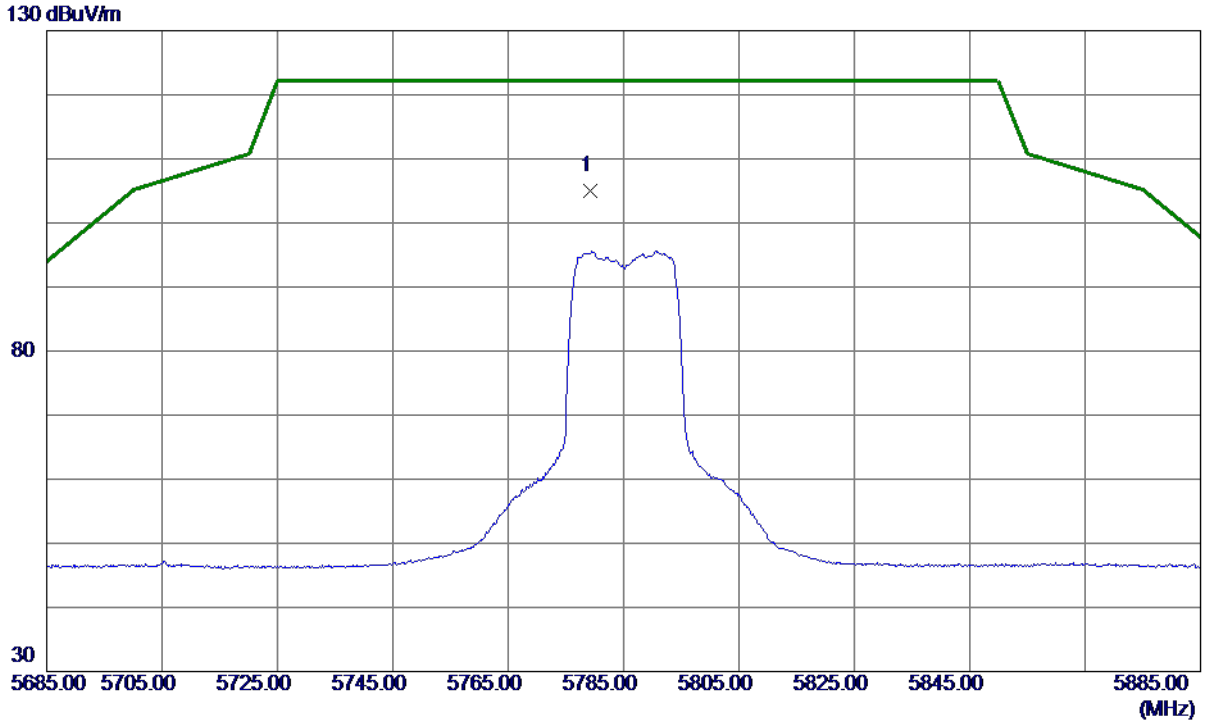



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 11572.3050 | 41.30 | 11.62 | 52.92 | 74.00 | -21.08 | Peak | |
| 2 * | 11572.8050 | 28.83 | 11.62 | 40.45 | 54.00 | -13.55 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX N (HT20) Mode 5785 MHz |

**Horizontal**

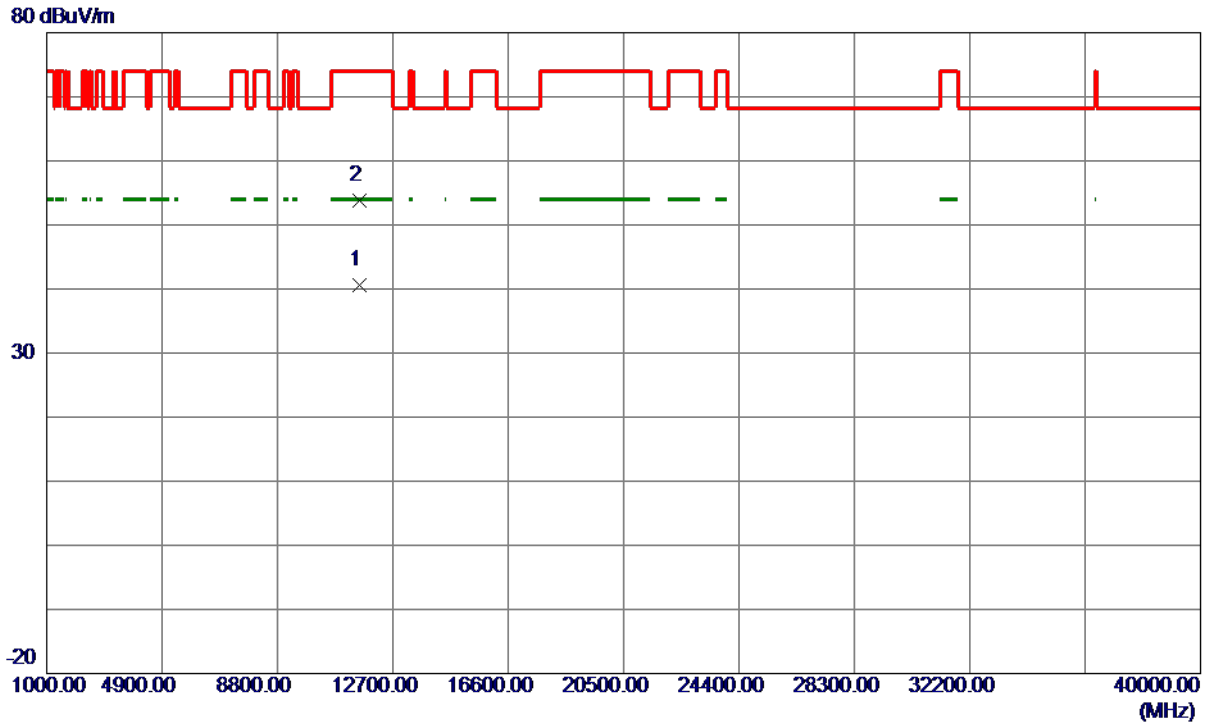



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5779.3000 | 88.37 | 16.69 | 105.06 | 122.20 | -17.14 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX N (HT20) Mode 5785 MHz |

**Horizontal**

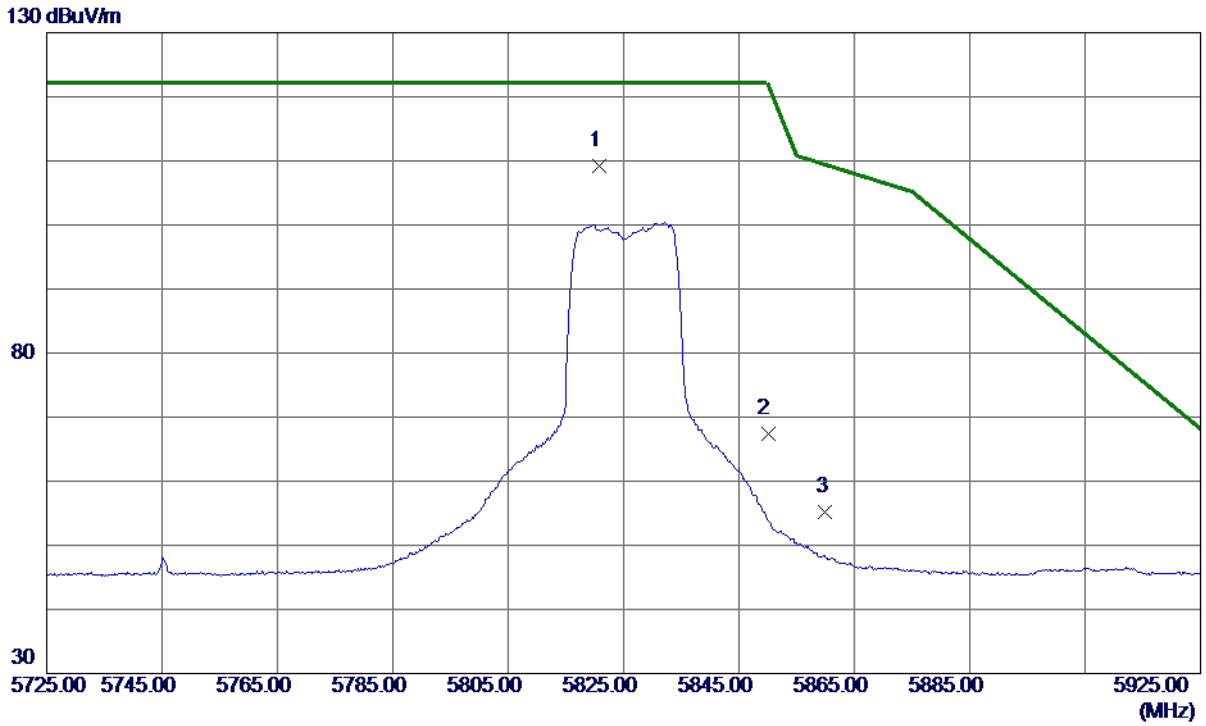



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 11569.5100 | 28.91 | 11.62 | 40.53 | 54.00 | -13.47 | AVG | |
| 2 | 11571.1950 | 42.14 | 11.62 | 53.76 | 74.00 | -20.24 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX N (HT20) Mode 5825 MHz |

**Vertical**

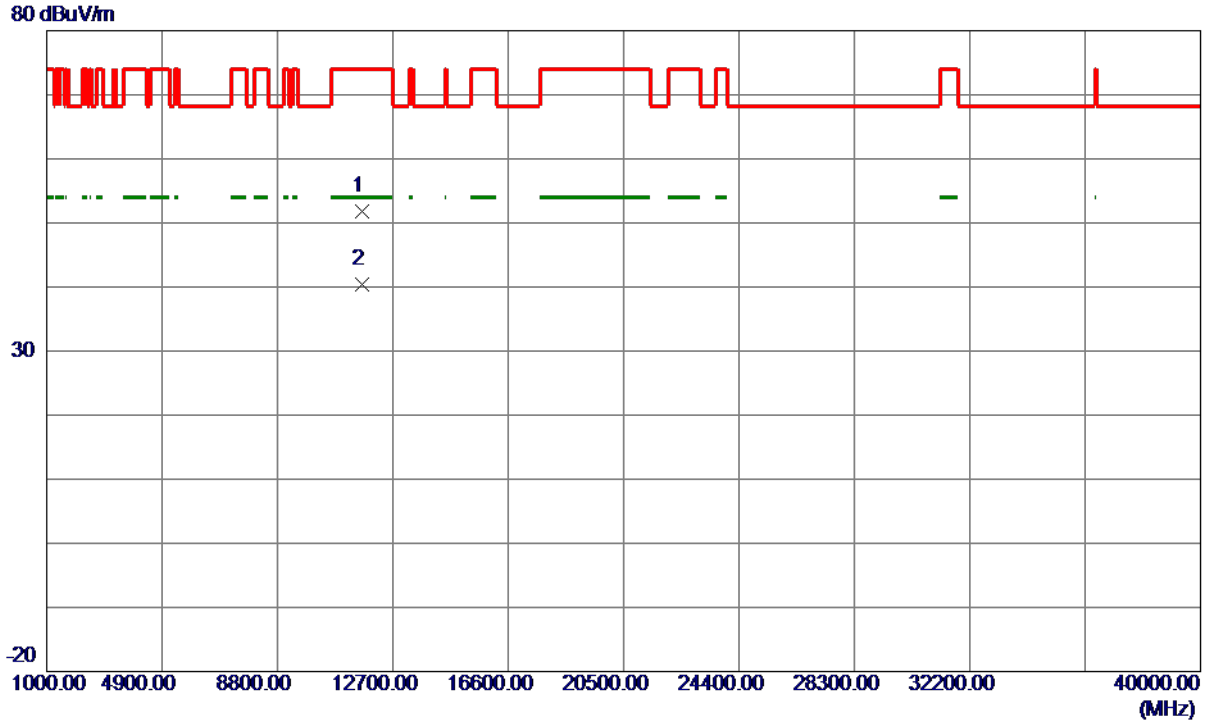



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5820.8000 | 93.61 | 15.62 | 109.23 | 122.20 | -12.97 | Peak | No Limit |
| 2 | 5850.0000 | 51.71 | 15.66 | 67.37 | 122.20 | -54.83 | Peak | |
| 3 | 5860.0000 | 39.59 | 15.67 | 55.26 | 109.40 | -54.14 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX N (HT20) Mode 5825 MHz |

**Vertical**

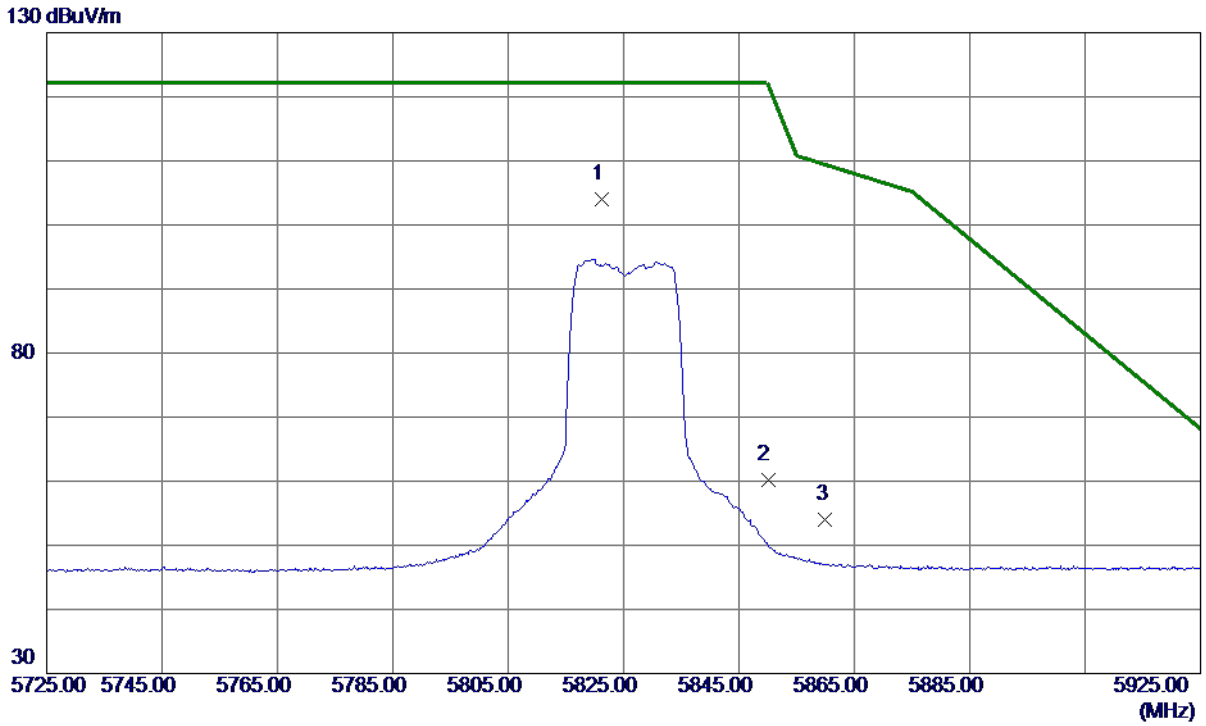



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 11649.3949 | 40.14 | 11.67 | 51.81 | 74.00 | -22.19 | Peak | |
| 2 * | 11652.7550 | 28.74 | 11.67 | 40.41 | 54.00 | -13.59 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX N (HT20) Mode 5825 MHz |

**Horizontal**

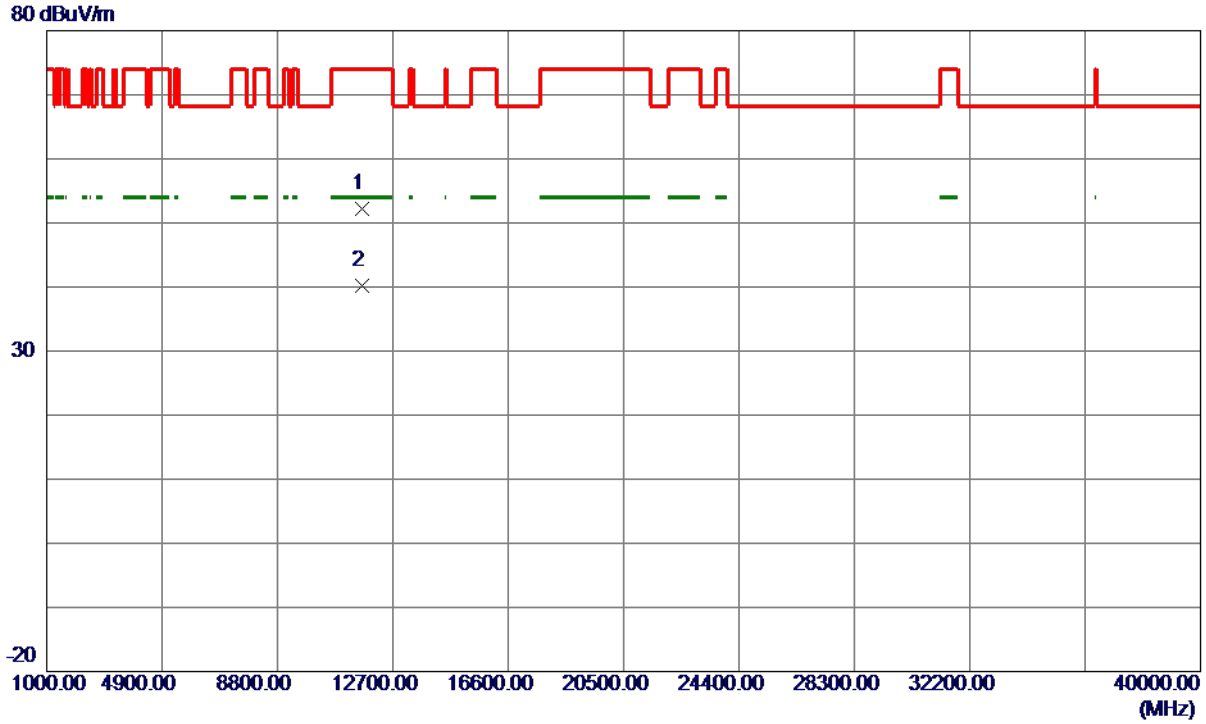



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 5821.2000 | 87.28 | 16.73 | 104.01 | 122.20 | -18.19 | Peak | No Limit |
| 2 | 5850.0000 | 43.47 | 16.76 | 60.23 | 122.20 | -61.97 | Peak | |
| 3 | 5860.0000 | 37.29 | 16.77 | 54.06 | 109.40 | -55.34 | Peak | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX N (HT20) Mode 5825 MHz |

**Horizontal**

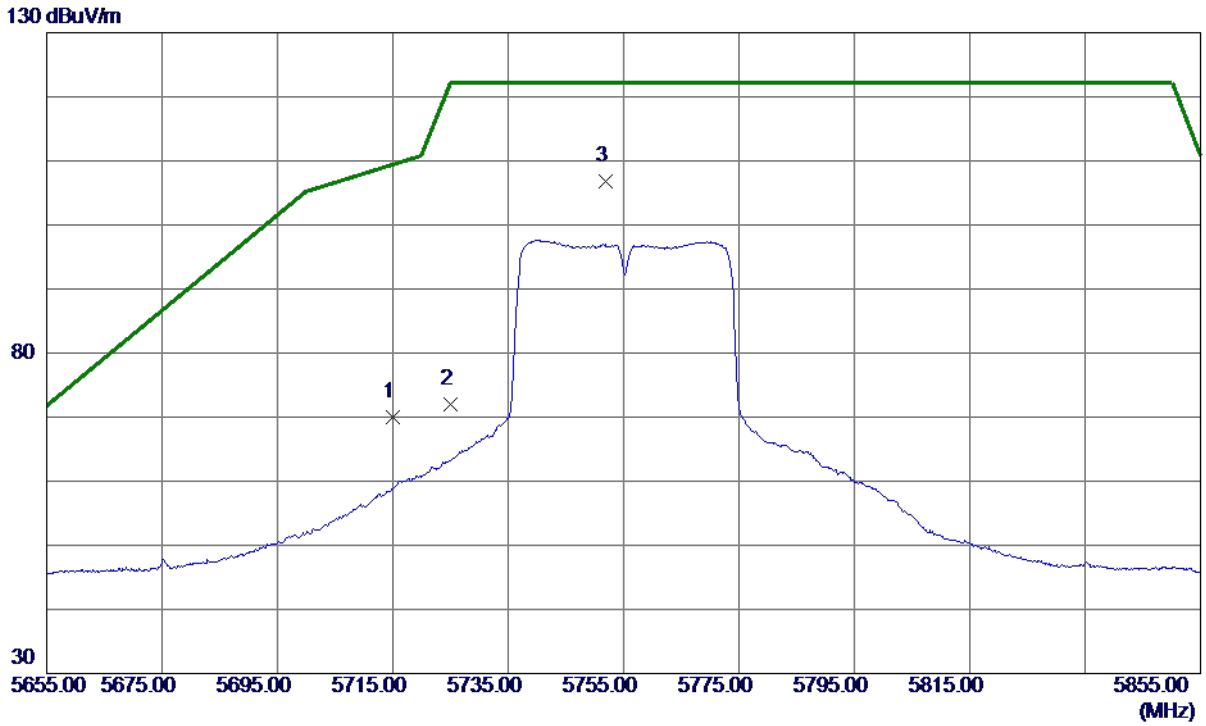



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 11646.0050 | 40.49 | 11.67 | 52.16 | 74.00 | -21.84 | Peak | |
| 2 * | 11648.2900 | 28.61 | 11.67 | 40.28 | 54.00 | -13.72 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX N (HT40) Mode 5755 MHz |

**Vertical**

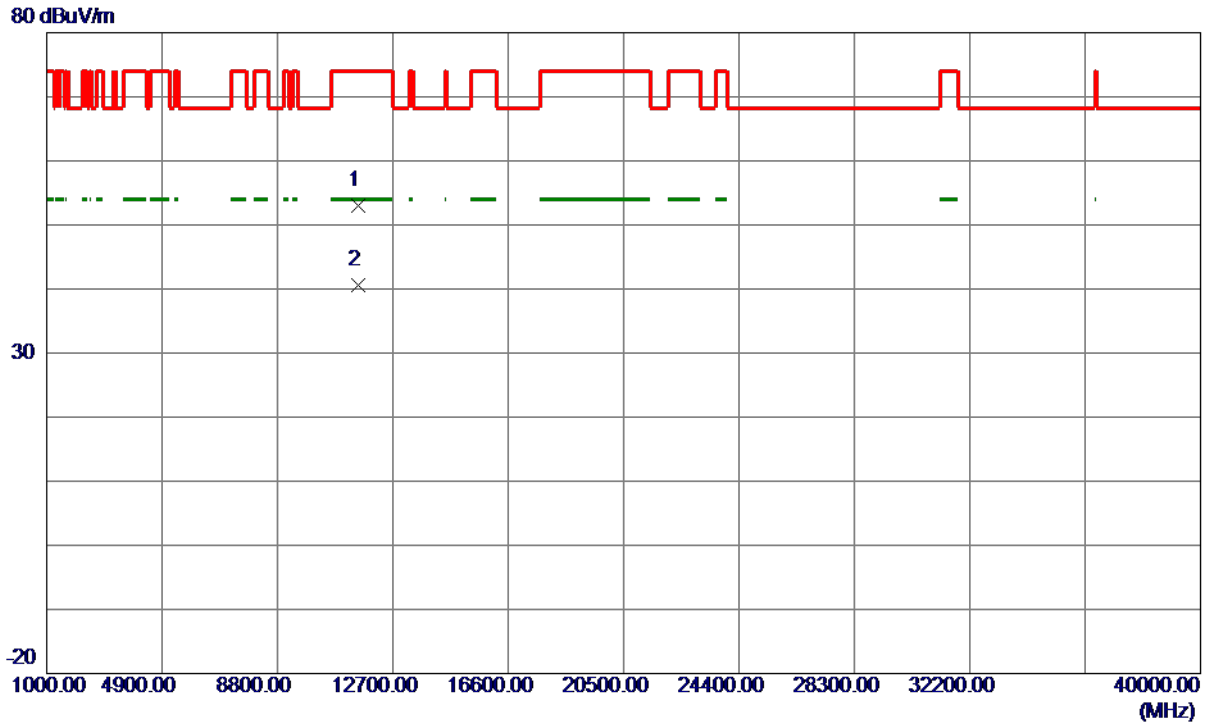



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5715.0000 | 54.56 | 15.47 | 70.03 | 109.40 | -39.37 | Peak | |
| 2 | 5725.0000 | 56.47 | 15.48 | 71.95 | 122.20 | -50.25 | Peak | |
| 3 * | 5751.9000 | 91.20 | 15.52 | 106.72 | 122.20 | -15.48 | Peak | No Limit |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX N (HT40) Mode 5755 MHz |

**Vertical**

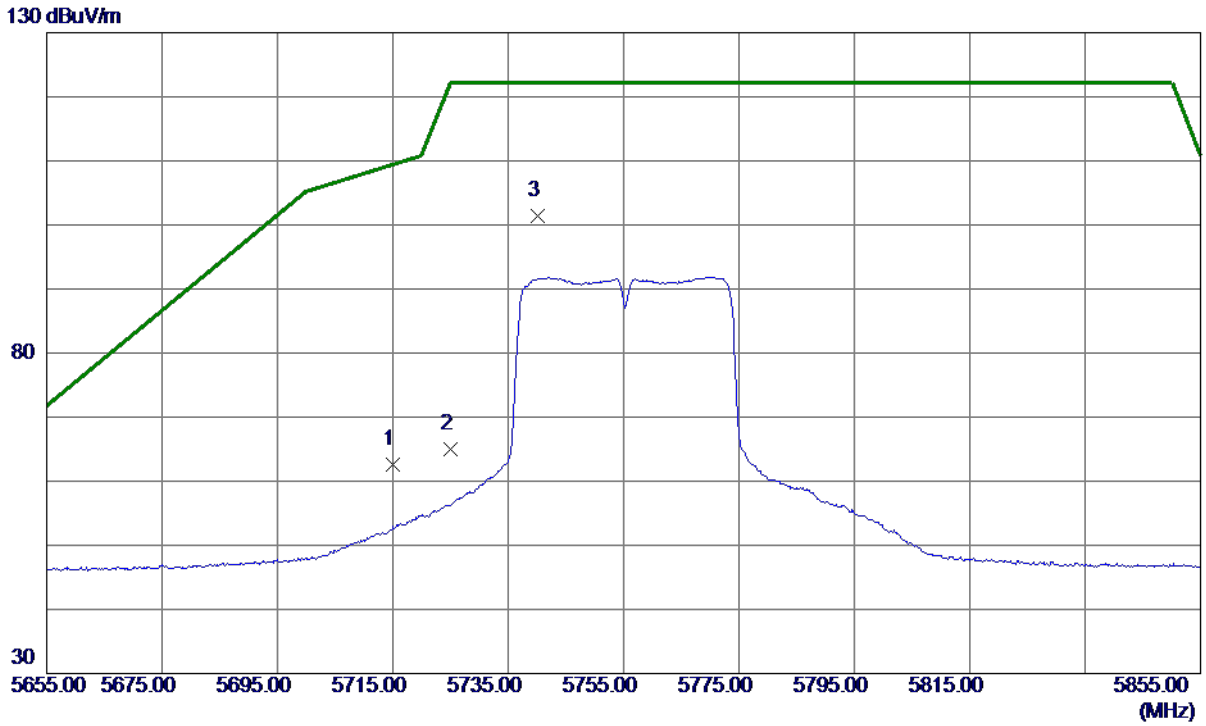



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 11510.0100 | 41.46 | 11.59 | 53.05 | 74.00 | -20.95 | Peak | |
| 2 * | 11511.7950 | 28.93 | 11.59 | 40.52 | 54.00 | -13.48 | AVG | |

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

| | |
|---|---|
| Orthogonal Axis | X |
| Test Mode | UNII-3_TX N (HT40) Mode 5755 MHz |

**Horizontal**




| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|---|---|---|---|---|---|---|---|---|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 5715.0000 | 45.92 | 16.63 | 62.55 | 109.40 | -46.85 | Peak | |
| 2 | 5725.0000 | 48.31 | 16.64 | 64.95 | 122.20 | -57.25 | Peak | |
| 3 * | 5740.2000 | 84.83 | 16.66 | 101.49 | 122.20 | -20.71 | Peak | No Limit |

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