

**47 CFR PART 15 SUBPART C TEST REPORT**

**for**

**Personal Transport System for the MPU5**

**Model No.: WR-PT5-0001**

**FCC ID: 2AG3J-WRPT50001**

**of**

**Applicant: Persistent systems LLC**

**Address: 601 W 26th St Suite 905 New York 10001 United States**

**Tested and Prepared**

**By**

**Worldwide Testing Services (Taiwan) Co., Ltd.**

**FCC Registration No.: TW1072, TW1140, TW1146, TW1477, TW0037**

**Industry Canada filed test laboratory Reg. No.: 20037, 31634**



**Report No.: W6M22405-23479-C-55**

6F., No. 58, Ln. 188, Rueiguang Rd., Neihu Dist., Taipei City, Taiwan (R.O.C.)  
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Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

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# **Worldwide Testing Services(Taiwan) Co., Ltd.**

Registration number: W6M22405-23479-C-55  
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## **1 General Information**

### **1.1 Notes**

The purpose of conformity testing is to increase the probability of adherence to the essential requirements or conformity specifications, as appropriate.

The complexity of the technical specifications, however, means that full and thorough testing is impractical for both technical and economic reasons.

Furthermore, there is no guarantee that a test sample which has passed all the relevant tests conforms to a specification.

Neither is there any guarantee that such a test sample will interwork with other genuinely open systems. The existence of the tests nevertheless provides the confidence that the test sample possesses the qualities as maintained and that its performance generally conforms to representative cases of communications equipment.

Laboratory disclaimer-

1. The test results of this test report relate exclusively to the item tested as specified in 1.5.
2. The test report may only be reproduced or published in full.
3. Reproduction or publication of extracts from the report requires the prior written approval of the Worldwide Testing Services(Taiwan) Co., Ltd.
4. Antenna gain is provided by applicant and laboratory issue relevant data and results.

Specific Conditions:

Usage of the hereunder tested device in combination with other integrated or external antennas requires at least additional output power measurements, spurious emission measurements, conducted emission measurements (AC supply lines) and radio frequency exposure evaluations for each individual configuration performed, for certification by FCC.

Tester:

March 05, 2025

Sora Kuo

Date

WTS-Lab.

Name

Signature

**Technical responsibility for area of testing:**

March 05, 2025

Kevin Wang

Date

WTS

Name

Signature



# **Worldwide Testing Services(Taiwan) Co., Ltd.**

Registration number: W6M22405-23479-C-55

FCC ID: 2AG3J-WRPT50001

## **1.2 Testing laboratory**

### **1.2.1 Location**

10m OATS

No.5-1, Lishui, Shuang Sing Village, Wanli Dist.,  
New Taipei City 207, Taiwan (R.O.C.)

3 meter semi-anechoic chamber

No. 99, Sec. 1, Balian Rd., Xizhi Dist.,  
New Taipei City 221032, Taiwan (R.O.C.)

Worldwide Testing Services (Taiwan) Co., Ltd.

6F., No. 58, Ln. 188, Ruiguang Rd., Neihu Dist.,  
Taipei City 114, Taiwan (R.O.C.)

Tel: 886-2-6606-8877

### **1.2.2 Details of accreditation status**

Accredited testing laboratory

FCC filed test laboratory Reg. No.: TW1072, TW1140, TW1146, TW1477, TW0037

Industry Canada filed test laboratory Reg. No.: 20037, 31634

**Test location, where different from Worldwide Testing Services (Taiwan) Co., Ltd. :**

Name: ./.

Accredited number: ./.

Street: ./.

Town: ./.

Country: ./.

## **1.3 Details of approval holder**

Name: Persistent systems LLC

Street: 601 W 26th St Suite 905

Town: New York 10001

Country: United States

## **1.4 Application details**

Date of receipt of test item(1<sup>st</sup>): July 31, 2024

Date of test(1<sup>st</sup>): from August 01, 2024 to November 05, 2024

Date of receipt of test item(2<sup>nd</sup>): July 31, 2024

Date of test(2<sup>nd</sup>): from February 24, 2025 to February 25, 2025



# ***Worldwide Testing Services(Taiwan) Co., Ltd.***

Registration number: W6M22405-23479-C-55

FCC ID: 2AG3J-WRPT50001

## **1.5 General information of Test item**

Type of test item: Personal Transport System for the MPU5  
 Model number: WR-PT5-0001  
 Brand name: ./.  
 Multi-listing model number: ./.  
 Sample no.: #03

## **Technical data**

Frequency band: Band 1: 5.150 GHz-5.250 GHz, Band 2: 5.250 GHz-5.350 GHz  
 Band 3: 5.470 GHz-5.725 GHz, Band 4: 5.725 GHz-5.850 GHz

Original

| Band   | Mode              | Channel           | Conducted power with DF (dBm) |           | Combine (dBm) |
|--------|-------------------|-------------------|-------------------------------|-----------|---------------|
|        |                   |                   | Antenna 1                     | Antenna 2 |               |
| NII-1  | 802.11a           | Ch 36 : 5180 MHz  | 12.11                         | 7.99      | -             |
|        |                   | Ch 44 : 5220 MHz  | 12.54                         | 7.57      | -             |
|        |                   | Ch 48 : 5240 MHz  | 12.60                         | 7.30      | -             |
|        | 802.11n<br>20MHz  | Ch 36 : 5180 MHz  | 11.95                         | 7.96      | 13.41         |
|        |                   | Ch 44 : 5220 MHz  | 12.44                         | 7.53      | 13.66         |
|        |                   | Ch 48 : 5240 MHz  | 12.48                         | 7.25      | 13.62         |
|        | 802.11n<br>40MHz  | Ch 38 : 5190 MHz  | 12.16                         | 7.84      | 13.53         |
|        |                   | Ch 46 : 5230 MHz  | 12.57                         | 7.39      | 13.72         |
|        | 802.11ac<br>80MHz | Ch 42 : 5210 MHz  | 12.42                         | 7.76      | 13.70         |
| NII-2A | 802.11a           | Ch 52 : 5260 MHz  | 12.72                         | 7.21      | -             |
|        |                   | Ch 60 : 5300 MHz  | 12.68                         | 6.74      | -             |
|        |                   | Ch 64 : 5320 MHz  | 12.66                         | 7.09      | -             |
|        | 802.11n<br>20MHz  | Ch 52 : 5260 MHz  | 12.63                         | 7.17      | 13.72         |
|        |                   | Ch 60 : 5300 MHz  | 12.60                         | 6.69      | 13.59         |
|        |                   | Ch 64 : 5320 MHz  | 12.60                         | 7.08      | 13.67         |
|        | 802.11n<br>40MHz  | Ch 54 : 5270 MHz  | 12.66                         | 7.05      | 13.71         |
|        |                   | Ch 62 : 5310 MHz  | 12.79                         | 7.15      | 13.84         |
|        | 802.11ac<br>80MHz | Ch 58 : 5290 MHz  | 12.80                         | 7.00      | 13.81         |
| NII-2C | 802.11a           | Ch 100 : 5500 MHz | 11.25                         | 7.09      | -             |
|        |                   | Ch 120 : 5600 MHz | 10.58                         | 8.14      | -             |
|        |                   | Ch 140 : 5700 MHz | 10.12                         | 8.87      | -             |
|        | 802.11n<br>20MHz  | Ch 100 : 5500 MHz | 11.29                         | 7.12      | 12.70         |
|        |                   | Ch 120 : 5600 MHz | 10.56                         | 8.10      | 12.51         |
|        |                   | Ch 140 : 5700 MHz | 10.08                         | 8.82      | 12.51         |



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|  |                           |                   |       |       |       |
|--|---------------------------|-------------------|-------|-------|-------|
|  | <b>802.11n<br/>40MHz</b>  | Ch 102 : 5510 MHz | 11.30 | 7.03  | 12.68 |
|  |                           | Ch 118 : 5590 MHz | 10.75 | 8.07  | 12.62 |
|  |                           | Ch 134 : 5670 MHz | 10.37 | 8.60  | 12.58 |
|  | <b>802.11ac<br/>80MHz</b> | Ch 106 : 5530 MHz | 11.06 | 7.39  | 12.61 |
|  |                           | Ch 122 : 5610 MHz | 10.64 | 8.28  | 12.63 |
|  | <b>NII-3</b>              | Ch 149 : 5745 MHz | 9.80  | 9.86  | -     |
|  |                           | Ch 157 : 5785 MHz | 9.71  | 10.44 | -     |
|  |                           | Ch 165 : 5825 MHz | 9.58  | 10.87 | -     |
|  |                           | Ch 149 : 5745 MHz | 9.71  | 9.85  | 12.79 |
|  |                           | Ch 157 : 5785 MHz | 9.61  | 10.39 | 13.03 |
|  |                           | Ch 165 : 5825 MHz | 9.50  | 10.80 | 13.21 |
|  |                           | Ch 151 : 5755 MHz | 9.71  | 9.93  | 12.83 |
|  |                           | Ch 159 : 5795 MHz | 9.65  | 10.50 | 13.11 |
|  |                           | Ch 155: 5775 MHz  | 9.64  | 10.39 | 13.04 |
|  |                           |                   |       |       |       |

## New testing

| Band          | Mode                      | Channel           | Conducted power with DF (dBm) |           | Combine (dBm) |
|---------------|---------------------------|-------------------|-------------------------------|-----------|---------------|
|               |                           |                   | Antenna 1                     | Antenna 2 |               |
| <b>NII-1</b>  | <b>802.11a</b>            | Ch 36 : 5180 MHz  | 10.37                         | 7.99      | -             |
|               |                           | Ch 44 : 5220 MHz  | 10.70                         | 7.57      | -             |
|               |                           | Ch 48 : 5240 MHz  | 10.66                         | 7.30      | -             |
|               | <b>802.11ax<br/>20MHz</b> | Ch 36 : 5180 MHz  | 10.26                         | 7.96      | 12.27         |
|               |                           | Ch 44 : 5220 MHz  | 10.50                         | 7.53      | 12.27         |
|               |                           | Ch 48 : 5240 MHz  | 10.42                         | 7.25      | 12.13         |
|               | <b>802.11ax<br/>40MHz</b> | Ch 38 : 5190 MHz  | 10.26                         | 7.84      | 12.23         |
|               |                           | Ch 46 : 5230 MHz  | 10.48                         | 7.39      | 12.21         |
|               | <b>802.11ax<br/>80MHz</b> | Ch 42 : 5210 MHz  | 10.61                         | 7.76      | 12.43         |
|               |                           |                   |                               |           |               |
| <b>NII-2A</b> | <b>802.11a</b>            | Ch 52 : 5260 MHz  | 11.40                         | 7.21      | -             |
|               |                           | Ch 60 : 5300 MHz  | 11.17                         | 6.74      | -             |
|               |                           | Ch 64 : 5320 MHz  | 11.13                         | 7.09      | -             |
|               | <b>802.11ax<br/>20MHz</b> | Ch 52 : 5260 MHz  | 11.47                         | 7.17      | 12.84         |
|               |                           | Ch 60 : 5300 MHz  | 11.10                         | 6.69      | 12.44         |
|               |                           | Ch 64 : 5320 MHz  | 11.27                         | 7.08      | 12.67         |
|               | <b>802.11ax<br/>40MHz</b> | Ch 54 : 5270 MHz  | 11.35                         | 7.05      | 12.72         |
|               |                           | Ch 62 : 5310 MHz  | 11.39                         | 7.15      | 12.78         |
|               | <b>802.11ax<br/>80MHz</b> | Ch 58 : 5290 MHz  | 11.42                         | 7.00      | 12.76         |
|               |                           |                   |                               |           |               |
| <b>NII-2C</b> | <b>802.11a</b>            | Ch 100 : 5500 MHz | 11.25                         | 7.09      | -             |



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|              |                           |                   |       |      |       |
|--------------|---------------------------|-------------------|-------|------|-------|
|              |                           | Ch 120 : 5600 MHz | 10.58 | 8.14 | -     |
|              |                           | Ch 140 : 5700 MHz | 10.12 | 8.87 | -     |
|              |                           |                   |       |      |       |
|              | <b>802.11ax<br/>20MHz</b> | Ch 100 : 5500 MHz | 11.29 | 7.12 | 12.70 |
|              |                           | Ch 120 : 5600 MHz | 10.56 | 8.10 | 12.51 |
|              |                           | Ch 140 : 5700 MHz | 10.08 | 8.82 | 12.51 |
|              | <b>802.11ax<br/>40MHz</b> | Ch 102 : 5510 MHz | 11.30 | 7.03 | 12.68 |
|              |                           | Ch 118 : 5590 MHz | 10.75 | 8.07 | 12.62 |
|              |                           | Ch 134 : 5670 MHz | 10.37 | 8.60 | 12.58 |
|              | <b>802.11ax<br/>80MHz</b> | Ch 106 : 5530 MHz | 11.06 | 7.39 | 12.61 |
|              |                           | Ch 122 : 5610 MHz | 10.64 | 8.28 | 12.63 |
| <b>NII-3</b> | <b>802.11a</b>            | Ch 149 : 5745 MHz | 9.80  | 8.71 | -     |
|              |                           | Ch 157 : 5785 MHz | 9.71  | 9.04 | -     |
|              |                           | Ch 165 : 5825 MHz | 9.58  | 9.37 | -     |
|              | <b>802.11ax<br/>20MHz</b> | Ch 149 : 5745 MHz | 9.71  | 8.45 | 12.14 |
|              |                           | Ch 157 : 5785 MHz | 9.61  | 9.07 | 12.36 |
|              |                           | Ch 165 : 5825 MHz | 9.50  | 9.46 | 12.49 |
|              | <b>802.11ax<br/>40MHz</b> | Ch 151 : 5755 MHz | 9.71  | 8.78 | 12.28 |
|              |                           | Ch 159 : 5795 MHz | 9.65  | 9.35 | 12.51 |
|              | <b>802.11ax<br/>80MHz</b> | Ch 155: 5775 MHz  | 9.64  | 9.22 | 12.45 |

Operating modes: Duplex

Type of modulation: OFDM

Fixed point to point operation: Yes / No

Antenna: Print antenna

Antenna gain: ANT1: 5.9 dBi  
ANT2: Band 1: 6.2657 dBi 、 Band 2: 4.5855 dBi 、  
Band 3: 5.9362 dBi 、 Band 4: 5.9362 dBi

Directional gain: Band 1: 9.10 dBi 、 Band 2: 8.28 dBi 、 Band 3: 8.93 dBi 、  
Band 4: 8.93 dBi

Power supply: Battery 3.7Vd.c., 600mAh

Classification:

|                                              |                                     |
|----------------------------------------------|-------------------------------------|
| Fixed Device                                 | <input type="checkbox"/>            |
| Mobile Device (Human Body distance > 20cm)   | <input type="checkbox"/>            |
| Portable Device (Human Body distance < 20cm) | <input checked="" type="checkbox"/> |
| Modular Radio Device                         | <input type="checkbox"/>            |

Note: This device was functioned as a ☒ Master ☐ Slave device during the DFS



# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22405-23479-C-55

FCC ID: 2AG3J-WRPT50001

## Manufacturer: (if applicable)

Name: ./.

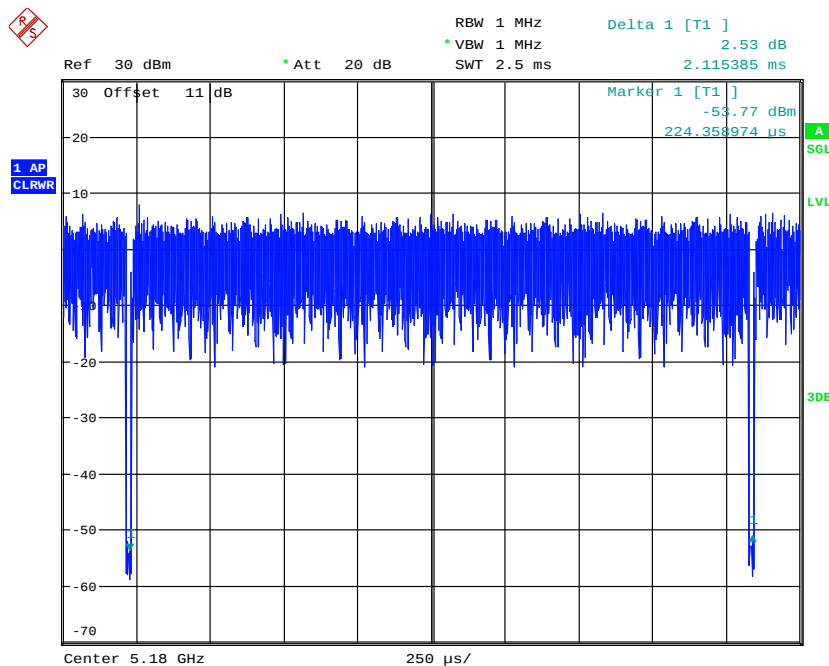
Street: ./.

Town: ./.

Country: ./.

## Duty cycle

| Mode           | T <sub>on</sub><br>(ms) | T <sub>on</sub> +T <sub>off</sub><br>(ms) | Duty cycle<br>(%) | Duty Factor<br>(dB) | 1/T - VBW<br>(kHz) |
|----------------|-------------------------|-------------------------------------------|-------------------|---------------------|--------------------|
| 802.11a        | 2.107                   | 2.115                                     | 99.62%            | 0.02                | 0.01               |
| 802.11ax(HE20) | 5.473                   | 5.473                                     | 100.00%           | 0.00                | 0.01               |
| 802.11ax(HE40) | 5.473                   | 5.473                                     | 100.00%           | 0.00                | 0.01               |
| 802.11ax(HE80) | 5.473                   | 5.473                                     | 100.00%           | 0.00                | 0.01               |

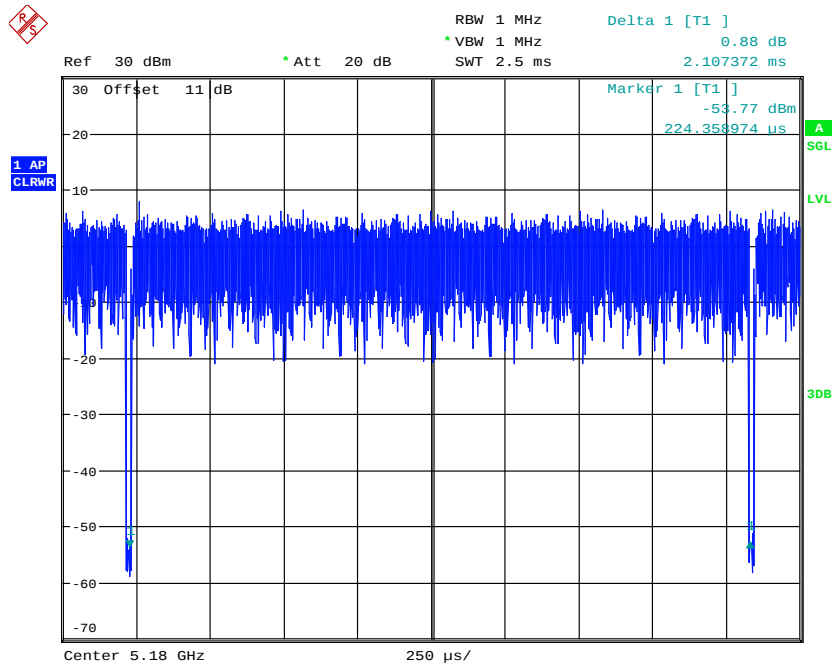


DUTY 802.11A

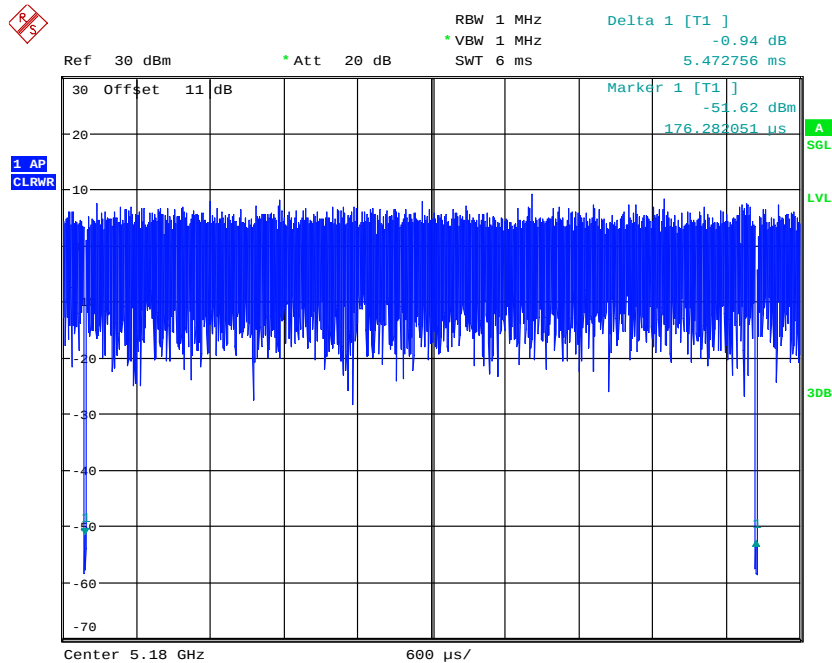
Date: 7.OCT.2024 09:40:45



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



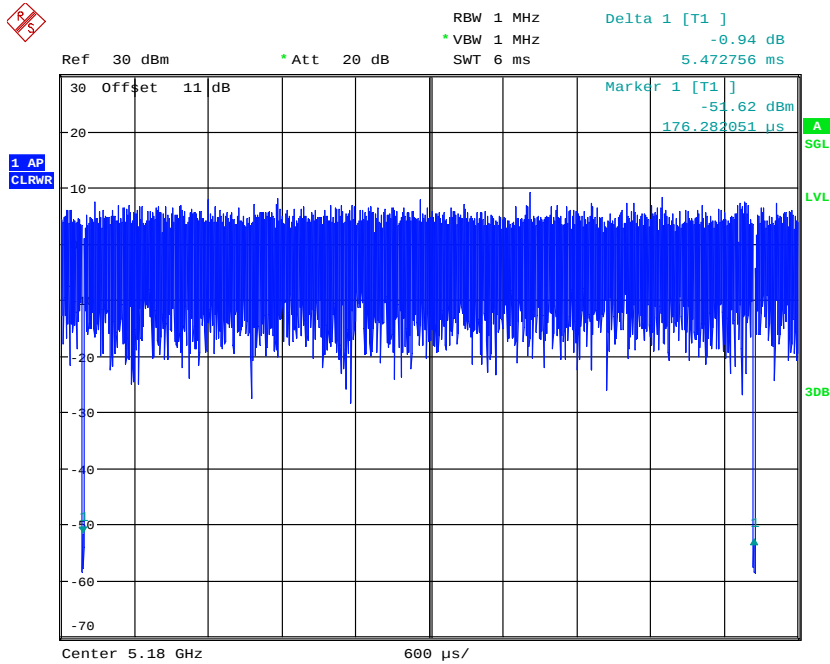
DUTY 802.11A  
Date: 7.OCT.2024 09:40:51



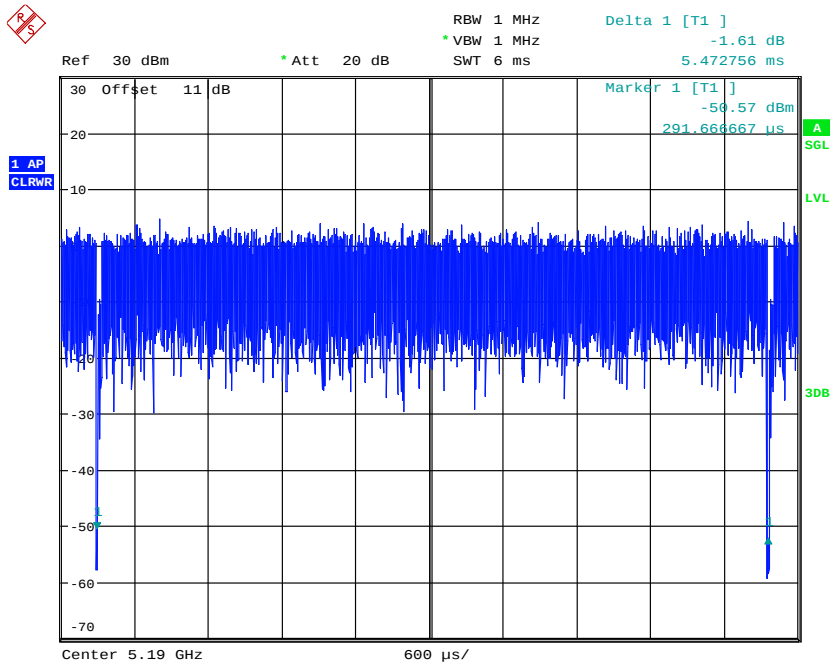
DUTY 802.11AX20  
Date: 7.OCT.2024 09:41:47



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



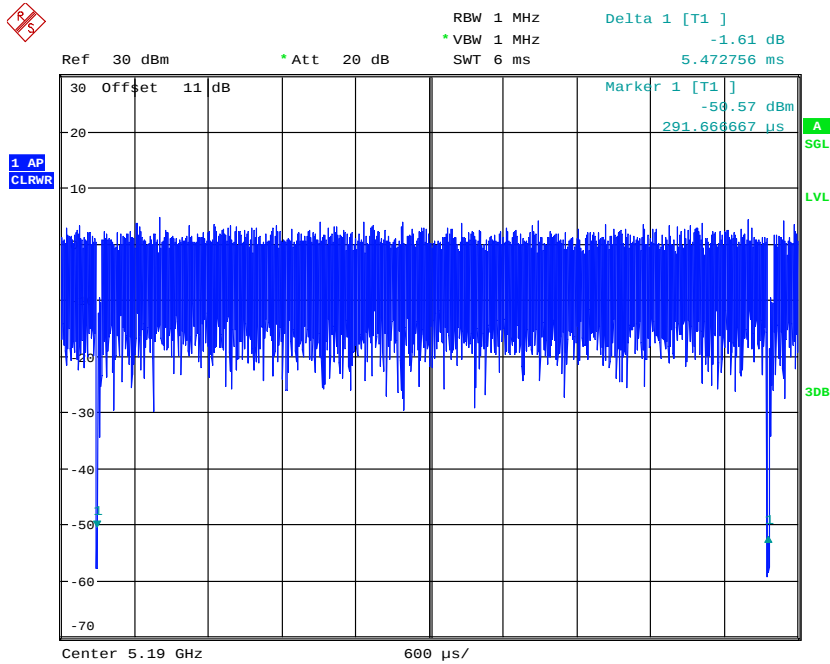
DUTY 802.11AX20  
Date: 7.OCT.2024 09:41:49



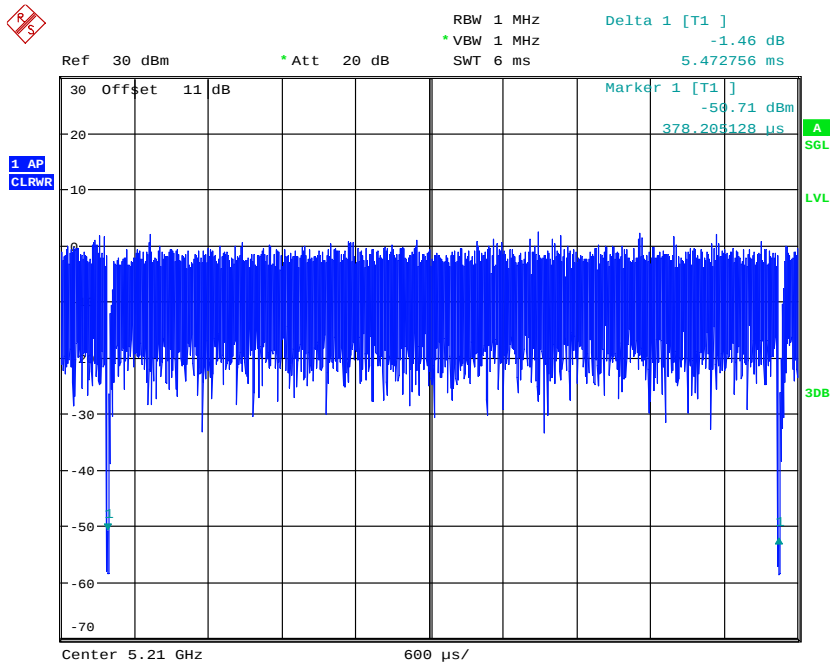
DUTY 802.11AX40  
Date: 7.OCT.2024 09:42:27



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



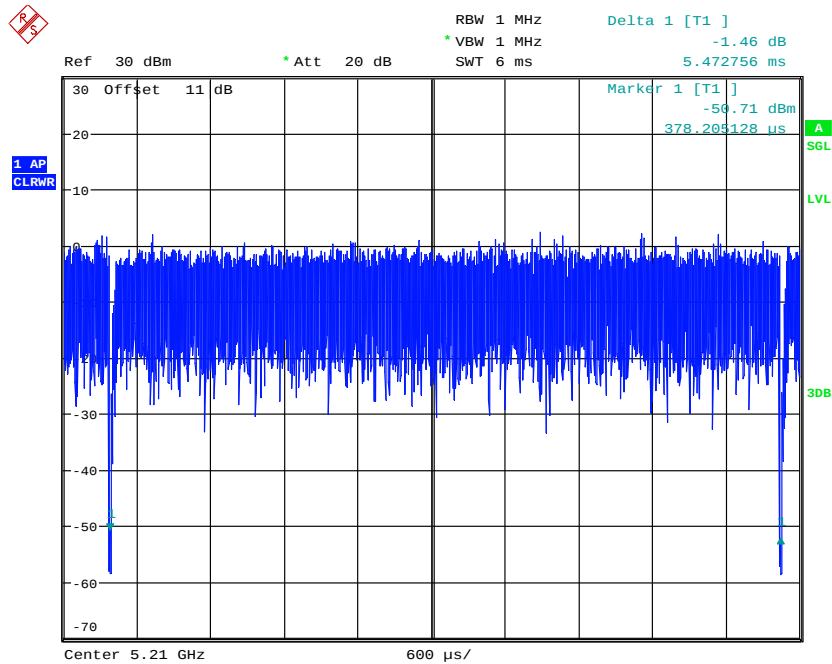
DUTY 802.11AX40  
Date: 7.OCT.2024 09:42:32



DUTY 802.11AX80  
Date: 7.OCT.2024 09:43:38



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



DUTY 802.11AX80  
Date: 7.OCT.2024 09:43:41

## 1.6 Test standards

47 CFR PART 15 SUBPART E § 15.407 (2023-10)  
ANSI C63.10-2013



Registration number: W6M22405-23479-C-55

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## **2 Technical test**

### **2.1 Summary of test results**

No deviations from the technical specification(s) were ascertained in the course of the tests performed ☒

or

The deviations were ascertained in the course of the tests performed. ☐

### **2.2 Test environment**

Relative humidity content: 20 ... 75 %

Air pressure: 86 ... 103 kPa

Details of power supply: Battery 3.7Vd.c., 600mAh

| Test item Name                                                                                                                                                    | Uncertainty                                                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Estimation Result of Uncertainty of Conducted Emission<br>(Power Line Conducted Emission)                                                                         | Expanded Uncertainty :<br>AMN : 0.94 dB<br>Voltage probe : 0.96 dB<br>Include Pulse Limiter : 1.5 dB                   |
| Estimation Result of Uncertainty of Radiated Emission(3M-966A)<br>(Undesirable emission limits, Radiated Emissions from Receiver Part)                            | Expanded Uncertainty :<br>0.009-30 MHz : 1.85 dB<br>30-1000 MHz : 3.92 dB<br>1-18 GHz : 3.19 dB<br>18-40 GHz : 1.90 dB |
| Estimation Result of Uncertainty of Bandwidth Measurement<br>(26dB emission bandwidth, 99% Occupied Bandwidth,<br>6dB emission bandwidth, 99% Occupied Bandwidth) | Expanded Uncertainty : 0.37 kHz                                                                                        |
| Estimation Result of Uncertainty of Conducted Output Power<br>Measurement (Peak Transmit Power)                                                                   | Expanded Uncertainty : 1.63 dB                                                                                         |
| Estimation Result of Uncertainty of Power Density Measurement<br>(Peak Power Spectral Density)                                                                    | Expanded Uncertainty : 1.63 dB                                                                                         |
| Estimation Result of Uncertainty of EIRP Measurement<br>(Equivalent Isotropic Radiated Power (EIRP),<br>Radiated Emissions from Receiver Part)                    | Expanded Uncertainty :<br>30-200MHz : 2.05 dB<br>200-1000MHz : 2.04 dB<br>1-18GHz : 3.93 dB<br>18-40GHz : 2.89 dB      |
| Estimation Result of Uncertainty of DFS Timing<br>(Dynamic Frequency Selection (DFS), Channel Move Time,<br>Channel Closing Transmission Time)                    | Expanded Uncertainty : 601.18 us                                                                                       |
| Estimation Result of Uncertainty of DFS Threshold<br>(Dynamic Frequency Selection (DFS), Channel Move Time,<br>Channel Closing Transmission Time)                 | Expanded Uncertainty : 1.12 dB                                                                                         |

The decision rule is: Measurement uncertainty is not included in the calculation of test results.



# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22405-23479-C-55

FCC ID: 2AG3J-WRPT50001

## 2.3 Test Equipment List

Original

Max output power & Power density & 26dB bandwidth & 6dB bandwidth & Occupied Bandwidth

| Code No.        | Test equipment    | Mode No.                      | Serial No. | Brand        | Cal. Date | Next Cal. Date |
|-----------------|-------------------|-------------------------------|------------|--------------|-----------|----------------|
| ETSTW-RE 050    | Attenuator 10dB   | 50HF-010-1                    | None       | JFW          | 2024/2/16 | 2025/2/15      |
| ETSTW-RE 055    | SPECTRUM ANALYZER | FSU 26                        | 200074     | R&S          | 2024/3/7  | 2025/3/6       |
| ETSTW-RE 099    | DC Block          | 50DB-007-1                    | None       | JFW          | 2024/2/16 | 2025/2/15      |
| ETSTW-Cable 030 | Microwave Cable   | SUCOFLEX 104<br>( S_Cable 9 ) | 279067     | HUBER+SUHNER | 2024/2/16 | 2025/2/15      |

DFS

| Code No.        | Test equipment              | Mode No.                      | Serial No. | Brand        | Cal. Date | Next Cal. Date |
|-----------------|-----------------------------|-------------------------------|------------|--------------|-----------|----------------|
| ETSTW-RE 099    | DC Block                    | 50DB-007-1                    | None       | JFW          | 2024/2/16 | 2025/2/15      |
| ETSTW-RE 133    | EXA Signal Analyzer         | N9010A                        | MY53470566 | Agilent      | 2024/5/9  | 2025/5/8       |
| ETSTW-RE 134    | MXG Vector Signal Generator | N5182B                        | MY53050664 | Agilent      | 2024/5/10 | 2025/5/9       |
| ETSTW-GSM 023   | Power Divider               | 4901.19.A                     | None       | SUHNER       | 2024/8/26 | 2025/8/25      |
| ETSTW-Cable 030 | Microwave Cable             | SUCOFLEX 104<br>( S_Cable 9 ) | 279067     | HUBER+SUHNER | 2024/2/16 | 2025/2/15      |

Spurious Emission (966A)

| Code No.        | Test equipment                   | Mode No.                 | Serial No.     | Brand               | Cal. Date                             | Next Cal. Date |
|-----------------|----------------------------------|--------------------------|----------------|---------------------|---------------------------------------|----------------|
| ETSTW-RE 153    | Signal Analyzer                  | FSV40                    | 101929         | R&S                 | 2024/9/11                             | 2025/9/10      |
| ETSTW-RE 154    | EMI Test Receiver                | ESR3                     | 102829         | R&S                 | 2024/4/10                             | 2025/4/9       |
| ETSTW-RE 160    | Amplifier Module                 | CHC 3                    | None           | WTS                 | 2024/7/12                             | 2025/7/11      |
| ETSTW-RE 177    | TRILOG Broadband Antenna         | VULB<br>9168&EMCI-N-6-06 | 01380&AT-06007 | SCHWARZBECK&<br>EMC | 2024/3/4                              | 2025/3/3       |
| ETSTW-RE 178    | Double Ridged Guide Horn Antenna | DRH18-E                  | 210505A18ES    | RFSPIN              | 2024/2/29                             | 2025/2/28      |
| ETSTW-Cable 077 | SMA type cable (10m)             | EMC104-SM-SM-10000       | 230511         | EMCI                | 2024/7/12                             | 2025/7/11      |
| ETSTW-Cable 084 | SMA type cable (1m)              | SF104-11SMA-1000         | 816477/4       | HONOVA              | 2024/7/12                             | 2025/7/11      |
| ETSTW-Cable 089 | SMA type cable (2m)              | SF104-11SMA-2000         | SN 811889/4    | HUBER+SUHNER        | 2024/7/12                             | 2025/7/11      |
| WTSTW-SW 002    | EMI TEST SOFTWARE                | EZ EMC                   | None           | Farad               | Version ETS-03A1<br>Version EMEC-3A1+ |                |

New testing

Max output power & Power density

| Code No.        | Test equipment    | Mode No.                      | Serial No. | Brand        | Cal. Date | Next Cal. Date |
|-----------------|-------------------|-------------------------------|------------|--------------|-----------|----------------|
| ETSTW-RE 050    | Attenuator 10dB   | 50HF-010-1                    | None       | JFW          | 2025/2/14 | 2026/2/13      |
| ETSTW-RE 055    | SPECTRUM ANALYZER | FSU 26                        | 200074     | R&S          | 2024/3/7  | 2025/3/6       |
| ETSTW-RE 099    | DC Block          | 50DB-007-1                    | None       | JFW          | 2025/2/14 | 2026/2/13      |
| ETSTW-Cable 030 | Microwave Cable   | SUCOFLEX 104<br>( S_Cable 9 ) | 279067     | HUBER+SUHNER | 2025/2/14 | 2026/2/13      |



# Worldwide Testing Services(Taiwan) Co., Ltd.

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## Spurious Emission (966A)

| Code No.        | Test equipment                   | Mode No.              | Serial No.     | Brand            | Cal. Date                             | Next Cal. Date |
|-----------------|----------------------------------|-----------------------|----------------|------------------|---------------------------------------|----------------|
| ETSTW-RE 153    | Signal Analyzer                  | FSV40                 | 101929         | R&S              | 2024/9/11                             | 2025/9/10      |
| ETSTW-RE 154    | EMI Test Receiver                | ESR3                  | 102829         | R&S              | 2024/4/10                             | 2025/4/9       |
| ETSTW-RE 160    | Amplifier Module                 | CHC 3                 | None           | WTS              | 2024/7/12                             | 2025/7/11      |
| ETSTW-RE 177    | TRILOG Broadband Antenna         | VULB 9168&EMCI-N-6-06 | 01380&AT-06007 | SCHWARZBECK& EMC | 2024/3/4                              | 2025/3/3       |
| ETSTW-RE 030    | Double-Ridged Guide Horn Antenna | 3117                  | 35224          | ETS-Lindgren     | 2024/5/15                             | 2025/5/14      |
| ETSTW-Cable 077 | SMA type cable (10m)             | EMC104-SM-SM-10000    | 230511         | EMCI             | 2024/7/12                             | 2025/7/11      |
| ETSTW-Cable 084 | SMA type cable (1m)              | SF104-11SMA-1000      | 816477/4       | HONOVA           | 2024/7/12                             | 2025/7/11      |
| ETSTW-Cable 089 | SMA type cable (2m)              | SF104-11SMA-2000      | SN 811889/4    | HUBER+SUHNER     | 2024/7/12                             | 2025/7/11      |
| WTSTW-SW 002    | EMI TEST SOFTWARE                | EZ EMC                | None           | Farad            | Version ETS-03A1<br>Version EMEC-3A1+ |                |



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## **2.4 Test Procedure**

The test procedures are performed following the test stands ANSI STANDARD C63.10 and FCC 789033 D02 General UNII Test Procedures New Rules v01r04.

### ■ Minimum Emission Bandwidth for the band 5.150-5.250 GHz, 5.725-5.850 GHz

Section 15.407(e) specifies the minimum 6 dB emission bandwidth of at least 500 KHz for the band 5.715-5.85 GHz. The following procedure shall be used for measuring this bandwidth:

- a) Set RBW = 100 kHz.
- b) Set the video bandwidth (VBW)  $\geq 3 \times$  RBW.
- c) Detector = Peak.
- d) Trace mode = max hold.
- e) Sweep = auto couple.
- f) Allow the trace to stabilize.
- g) Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

Note: The automatic bandwidth measurement capability of a spectrum analyzer or EMI receiver may be employed if it implements the functionality described above.

### ■ 99 Percent Occupied Bandwidth

The 99-percent occupied bandwidth is the frequency bandwidth such that, below its lower and above its upper frequency limits, the mean powers are each equal to 0.5 % of the total mean power of the given emission. Measurement of the 99-percent occupied bandwidth is required only as a condition for using the optional band-edge measurement techniques described in section H)3)d). Measurements of 99-percent occupied bandwidth may also optionally be used in lieu of the 6-dB emission bandwidth to define the minimum frequency range over which the spectrum is integrated when measuring maximum conducted output power as described in section E). However, the 6-dB bandwidth must be measured to determine bandwidth dependent limits on maximum conducted output power in accordance with 15.407(a).

The following procedure shall be used for measuring (99 %) power bandwidth.

1. Set center frequency to the nominal EUT channel center frequency.
2. Set span = 1.5 times to 5.0 times the OBW.
3. Set RBW = 1 % to 5 % of the OBW
4. Set VBW  $\geq 3 \cdot$  RBW
5. Video averaging is not permitted. Where practical, a sample detection and single sweep mode shall be used. Otherwise, peak detection and max hold mode (until the trace stabilizes) shall be used.
6. Use the 99 % power bandwidth function of the instrument (if available).
7. If the instrument does not have a 99 % power bandwidth function, the trace data points are recovered and directly summed in power units. The recovered amplitude data points, beginning at the lowest frequency, are placed in a running sum until 0.5 % of the total is reached; that frequency is recorded as the lower frequency. The process is repeated until 99.5 % of the total is reached; that frequency is recorded as the upper frequency. The 99% occupied bandwidth is the difference between these two frequencies.



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## ■ Maximum conducted output power

- (i) Set span to encompass the entire emission bandwidth (EBW) (or, alternatively, the entire 99% occupied bandwidth) of the signal.
- (ii) Set RBW = 1 MHz.
- (iii) Set VBW  $\geq$  3 MHz.
- (iv) Number of points in sweep  $\geq$  2 Span / RBW. (This ensures that bin-to-bin spacing is  $\leq$  RBW/2, so that narrowband signals are not lost between frequency bins.)
- (v) Sweep time = auto.
- (vi) Detector = RMS (i.e., power averaging), if available. Otherwise, use sample detector mode.
- (vii) If transmit duty cycle < 98 percent, use a video trigger with the trigger level set to enable triggering only on full power pulses. Transmitter must operate at maximum power control level for the entire duration of every sweep. If the EUT transmits continuously (i.e., with no off intervals) or at duty cycle  $\geq$  98 percent, and if each transmission is entirely at the maximum power control level, then the trigger shall be set to “free run”.
- (viii) Trace average at least 100 traces in power averaging (i.e., RMS) mode.
- (ix) Compute power by integrating the spectrum across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the signal using the instrument’s band power measurement function with band limits set equal to the EBW (or occupied bandwidth) band edges. If the instrument does not have a band power function, sum the spectrum levels (in power units) at 1 MHz intervals extending across the EBW (or, alternatively, the entire 99% occupied bandwidth) of the spectrum.

## ■ Power Density

The rules requires “maximum power spectral density” measurements where the intent is to measure the maximum value of the time average of the power spectral density measured during a period of continuous transmission.

1. Create an average power spectrum for the EUT operating mode being tested by following the instructions in section II.E.2. for measuring maximum conducted output power using a spectrum analyzer or EMI receiver: select the appropriate test method (SA-1, SA-2, SA-3, or alternatives to each) and apply it up to, but not including, the step labeled, “Compute power...”. (This procedure is required even if the maximum conducted output power measurement was performed using a power meter, method PM.)
2. Use the peak search function on the instrument to find the peak of the spectrum and record its value.
3. Make the following adjustments to the peak value of the spectrum, if applicable:
  - a) If Method SA-2 or SA-2 Alternative was used, add  $10 \log(1/x)$ , where x is the duty cycle, to the peak of the spectrum.
  - b) If Method SA-3 Alternative was used and the linear mode was used in step II.E.2.g)(viii), add 1 dB to the final result to compensate for the difference between linear averaging and power averaging.
4. The result is the Maximum PSD over 1 MHz reference bandwidth.
5. For devices operating in the bands 5.15-5.25 GHz, 5.25-5.35 GHz, and 5.47-5.725 GHz, the above procedures make use of 1 MHz RBW to satisfy directly the 1 MHz reference bandwidth specified in § 15.407(a)(5). For devices operating in the band 5.725-5.85 GHz, the rules specify a measurement bandwidth of 500 kHz. Many spectrum analyzers do not have 500 kHz RBW, thus



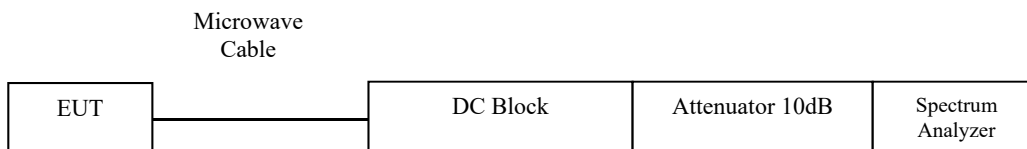
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a narrower RBW may need to be used. The rules permit the use of a RBWs less than 1 MHz, or 500 kHz, “provided that the measured power is integrated over the full reference bandwidth” to show the total power over the specified measurement bandwidth (i.e., 1 MHz, or 500 kHz). If measurements are performed using a reduced resolution bandwidth (< 1 MHz, or < 500 kHz) and integrated over 1 MHz, or 500 KHz bandwidth, the following adjustments to the procedures apply:

- a) Set  $RBW \geq 1/T$ , where T is defined in section II.B.1.a).
- b) Set  $VBW \geq 3 RBW$ .
- c) If measurement bandwidth of Maximum PSD is specified in 500 kHz, add  $10\log(500\text{kHz}/RBW)$  to the measured result, whereas RBW (< 500 kHz) is the reduced resolution bandwidth of the spectrum analyzer set during measurement.
- d) If measurement bandwidth of Maximum PSD is specified in 1 MHz, add  $10\log(1\text{MHz}/RBW)$  to the measured result, whereas RBW (< 1 MHz) is the reduced resolution bandwidth of spectrum analyzer set during measurement.
- e) Care must be taken to ensure that the measurements are performed during a period of continuous transmission or are corrected upward for duty cycle.

Note: As a practical matter, it is recommended to use reduced RBW of 100 kHz for the sections 5.c) and 5.d) above, since RBW=100 kHz is available on nearly all spectrum analyzers.

## Conducted measurement test setup





# ***Worldwide Testing Services(Taiwan) Co., Ltd.***

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## **3 Test results (enclosure)**

| Test case                                                                                                     | Para. Number                                                            | Required                            | Test passed                         | Test failed              |
|---------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|-------------------------------------|-------------------------------------|--------------------------|
| Peak Transmit Power                                                                                           | 15.407(a)                                                               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 6-dB emission bandwidth                                                                                       | 15.407(a)                                                               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 26-dB emission bandwidth                                                                                      | 15.407(a)                                                               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 99 % Occupied Bandwidth                                                                                       | 789033 D02 General<br>U-NII Test Procedures<br>New Rules v02r01         | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Peak Power Spectral Density                                                                                   | 15.407(a)                                                               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Undesirable emission limits                                                                                   | 15.407(b)                                                               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Radio Frequency Exposure                                                                                      | 15.407(f)                                                               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Transmit Power Control                                                                                        | 15.407(h)                                                               | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| Dynamic Frequency Selection (DFS)                                                                             | 15.407(h)                                                               | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| UNII Detection Bandwidth                                                                                      | 905462 D02 UNII DFS<br>Compliance Procedures<br>New Rules v02 – 7.8.1   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Initial Channel Availability Check Time                                                                       | 905462 D02 UNII DFS<br>Compliance Procedures<br>New Rules v02 – 7.8.2.1 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Radar Burst at the Beginning<br>of the Channel Availability Check Time                                        | 905462 D02 UNII DFS<br>Compliance Procedures<br>New Rules v02 – 7.8.2.2 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Radar Burst at the End<br>of the Channel Availability Check Time                                              | 905462 D02 UNII DFS<br>Compliance Procedures<br>New Rules v02 – 7.8.2.3 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| In-Service Monitoring for Channel Move<br>Time, Channel Closing Transmission Time<br>and Non-Occupancy Period | 905462 D02 UNII DFS<br>Compliance Procedures<br>New Rules v02 – 7.8.3   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Statistical Performance Check                                                                                 | 905462 D02 UNII DFS<br>Compliance Procedures<br>New Rules v02 – 7.8.4   | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Radiated Emission from Receiver Part                                                                          | 15.109                                                                  | <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/> |
| AC Conducted Emissions                                                                                        | 15.207                                                                  | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

The following is intentionally left blank.



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## 3.1 Peak Transmit Power, FCC 15.407 (a)

According to §15.407(a)

1. For the band 5.15-5.25 GHz, the maximum conducted power over the frequency of operation shall not exceed the lesser of 30 dBm (1 W) for master device and 24 dBm (250 mW) for mobile/portable client device.
2. For the band 5.25-5.35 GHz and 5.47-5.725 GHz, the maximum conducted power over the frequency of operation shall not exceed the lesser of 24 dBm (250 mW) or  $11\text{dBm} + 10 \log B$ , whichever is lower ( $B= 26\text{-dB emission BW}$ ).
3. For the band 5.725-5.850 GHz, the maximum conducted power over the frequency of operation shall not exceed the lesser of 30 dBm (1 W).

Original

Test date: October 04, 2024-October 06, 2024

Temperature: 26.8 °C

Humidity:56.3 %

Tester: Sora

| Band   | Mode         | Channel          | Conducted power with DF |                 | Combine (dBm) | DF (dB) | Limit (dBm) |
|--------|--------------|------------------|-------------------------|-----------------|---------------|---------|-------------|
|        |              |                  | Antenna 1 (dBm)         | Antenna 2 (dBm) |               |         |             |
| NII-1  | 802.11a      | Ch 36 : 5180 MHz | 12.11                   | 7.99            | -             | 0.02    | 26.90       |
|        |              | Ch 44 : 5220 MHz | 12.54                   | 7.57            | -             | 0.02    | 26.90       |
|        |              | Ch 48 : 5240 MHz | 12.60                   | 7.30            | -             | 0.02    | 26.90       |
|        | 802.11ax 20M | Ch 36 : 5180 MHz | 11.95                   | 7.96            | 13.41         | 0.00    | 26.90       |
|        |              | Ch 44 : 5220 MHz | 12.44                   | 7.53            | 13.66         | 0.00    | 26.90       |
|        |              | Ch 48 : 5240 MHz | 12.48                   | 7.25            | 13.62         | 0.00    | 26.90       |
|        | 802.11ax 40M | Ch 38 : 5190 MHz | 12.16                   | 7.84            | 13.53         | 0.00    | 26.90       |
|        |              | Ch 46 : 5230 MHz | 12.57                   | 7.39            | 13.72         | 0.00    | 26.90       |
|        | 802.11ax 80M | Ch 42 : 5210 MHz | 12.42                   | 7.76            | 13.70         | 0.00    | 26.90       |
| NII-2A | 802.11a      | Ch 52 : 5260 MHz | 12.72                   | 7.21            | -             | 0.02    | 21.72       |
|        |              | Ch 60 : 5300 MHz | 12.68                   | 6.74            | -             | 0.02    | 21.72       |
|        |              | Ch 64 : 5320 MHz | 12.66                   | 7.09            | -             | 0.02    | 21.72       |
|        | 802.11ax 20M | Ch 52 : 5260 MHz | 12.63                   | 7.17            | 13.72         | 0.00    | 21.72       |
|        |              | Ch 60 : 5300 MHz | 12.60                   | 6.69            | 13.59         | 0.00    | 21.72       |
|        |              | Ch 64 : 5320 MHz | 12.60                   | 7.08            | 13.67         | 0.00    | 21.72       |
|        | 802.11ax 40M | Ch 54 : 5270 MHz | 12.66                   | 7.05            | 13.71         | 0.00    | 21.72       |
|        |              | Ch 62 : 5310 MHz | 12.79                   | 7.15            | 13.84         | 0.00    | 21.72       |
|        | 802.11ax 80M | Ch 58 : 5290 MHz | 12.80                   | 7.00            | 13.81         | 0.00    | 21.72       |



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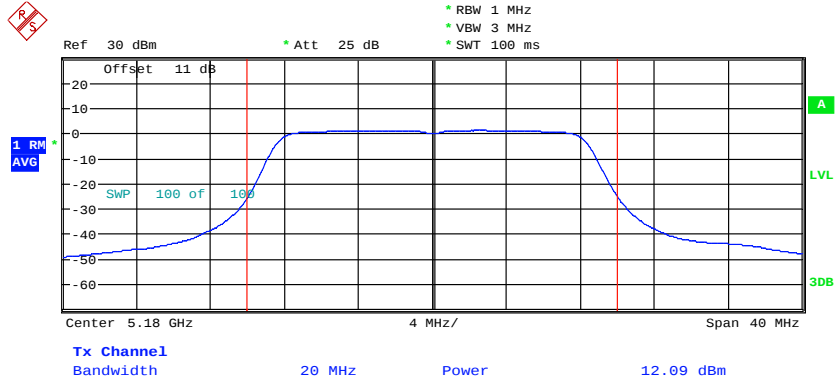
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|--------|-----------------|-------------------|-------|-------|-------|------|-------|
| NII-2C | 802.11a         | Ch 100 : 5500 MHz | 11.25 | 7.09  | -     | 0.02 | 21.07 |
|        |                 | Ch 120 : 5600 MHz | 10.58 | 8.14  | -     | 0.02 | 21.07 |
|        |                 | Ch 140 : 5700 MHz | 10.12 | 8.87  | -     | 0.02 | 21.07 |
|        | 802.11ax<br>20M | Ch 100 : 5500 MHz | 11.29 | 7.12  | 12.70 | 0.00 | 21.07 |
|        |                 | Ch 120 : 5600 MHz | 10.56 | 8.10  | 12.51 | 0.00 | 21.07 |
|        |                 | Ch 140 : 5700 MHz | 10.08 | 8.82  | 12.51 | 0.00 | 21.07 |
|        | 802.11ax<br>40M | Ch 102 : 5510 MHz | 11.30 | 7.03  | 12.68 | 0.00 | 21.07 |
|        |                 | Ch 118 : 5590 MHz | 10.75 | 8.07  | 12.62 | 0.00 | 21.07 |
|        |                 | Ch 134 : 5670 MHz | 10.37 | 8.60  | 12.58 | 0.00 | 21.07 |
|        | 802.11ax<br>80M | Ch 106 : 5530 MHz | 11.06 | 7.39  | 12.61 | 0.00 | 21.07 |
|        |                 | Ch 122 : 5610 MHz | 10.64 | 8.28  | 12.63 | 0.00 | 21.07 |
| NII-3  | 802.11a         | Ch 149 : 5745 MHz | 9.80  | 9.86  | -     | 0.02 | 27.07 |
|        |                 | Ch 157 : 5785 MHz | 9.71  | 10.44 | -     | 0.02 | 27.07 |
|        |                 | Ch 165 : 5825 MHz | 9.58  | 10.87 | -     | 0.02 | 27.07 |
|        | 802.11ax<br>20M | Ch 149 : 5745 MHz | 9.71  | 9.85  | 12.79 | 0.00 | 27.07 |
|        |                 | Ch 157 : 5785 MHz | 9.61  | 10.39 | 13.03 | 0.00 | 27.07 |
|        |                 | Ch 165 : 5825 MHz | 9.50  | 10.80 | 13.21 | 0.00 | 27.07 |
|        | 802.11ax<br>40M | Ch 151 : 5755 MHz | 9.71  | 9.93  | 12.83 | 0.00 | 27.07 |
|        |                 | Ch 159 : 5795 MHz | 9.65  | 10.50 | 13.11 | 0.00 | 27.07 |
|        | 802.11ax<br>80M | Ch 155 : 5775 MHz | 9.64  | 10.39 | 13.04 | 0.00 | 27.07 |



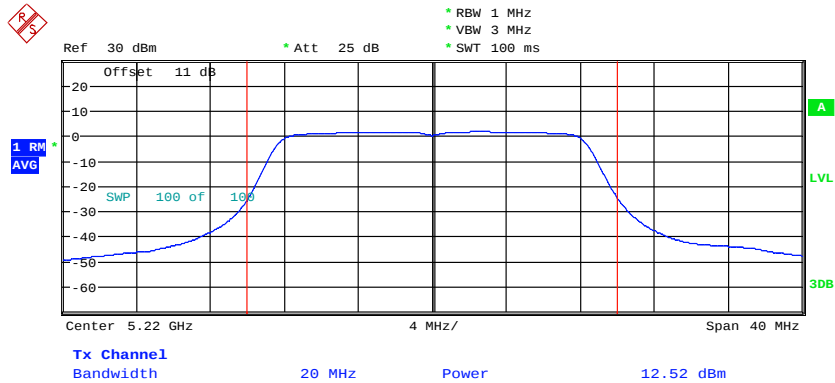
Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

**ANT 1**

**5.15 GHz ~ 5.25 GHz**



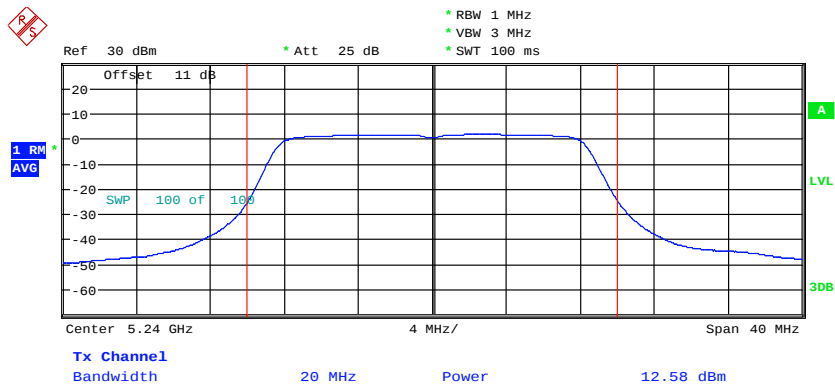
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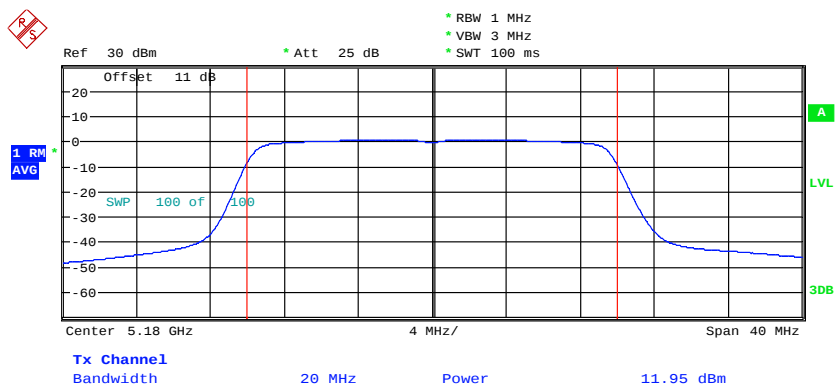
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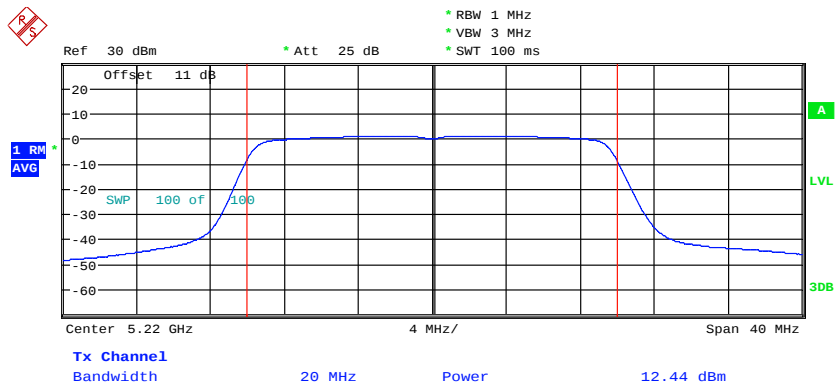
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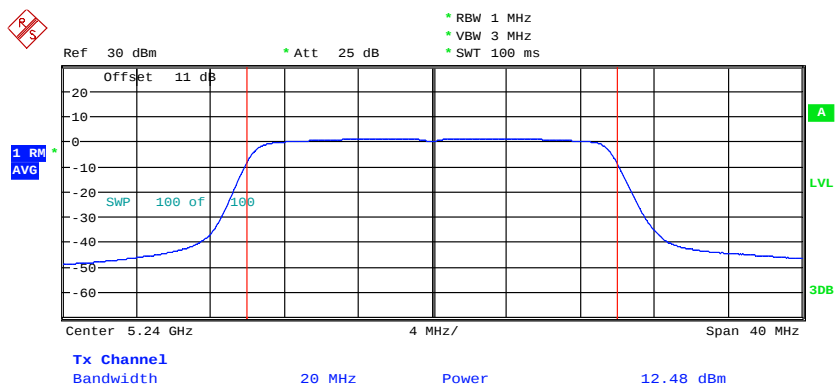
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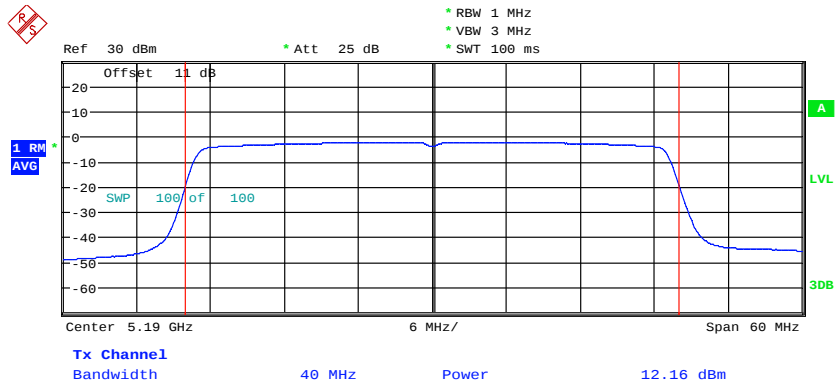
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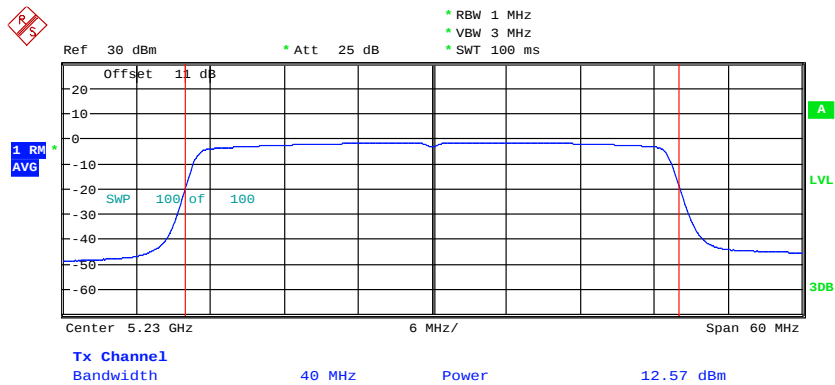
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Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



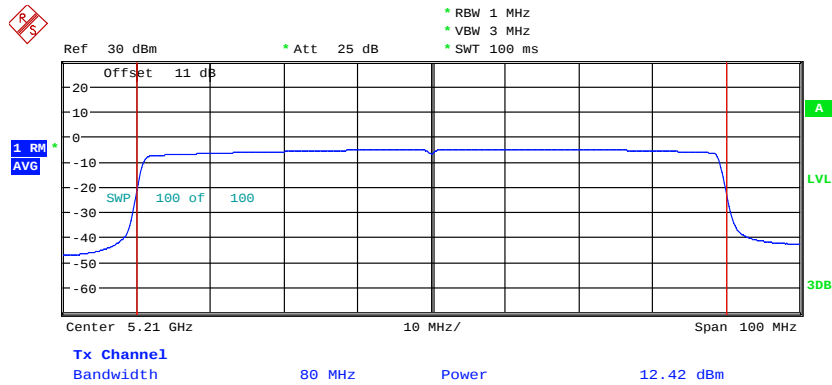
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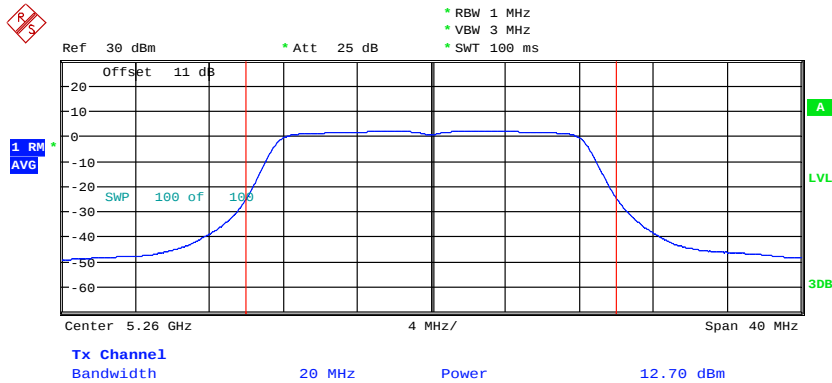


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FCC ID: 2AG3J-WRPT50001



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## 5.25 GHz ~ 5.35 GHz

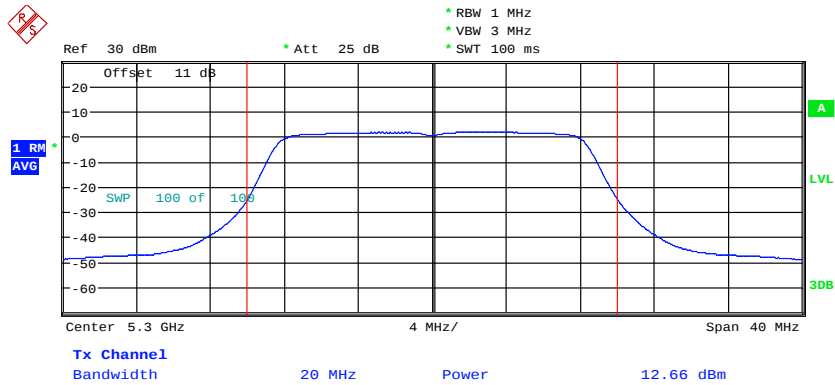


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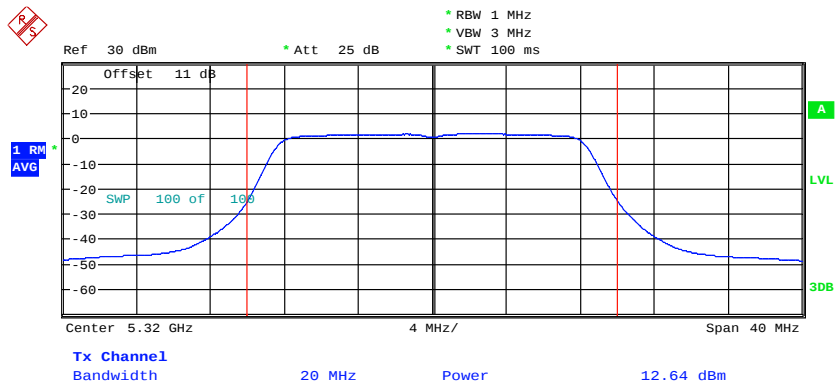


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MAXIMUM CONDUCTED POWER ANT1\_11aCH60  
Date: 4.OCT.2024 15:29:37

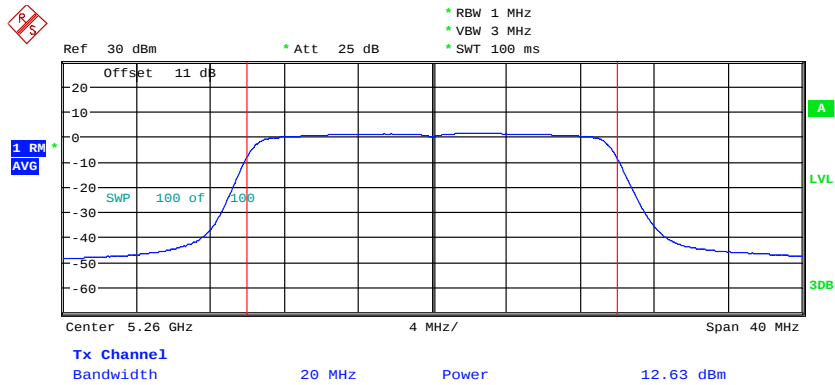


MAXIMUM CONDUCTED POWER ANT1\_11aCH64  
Date: 4.OCT.2024 15:30:52

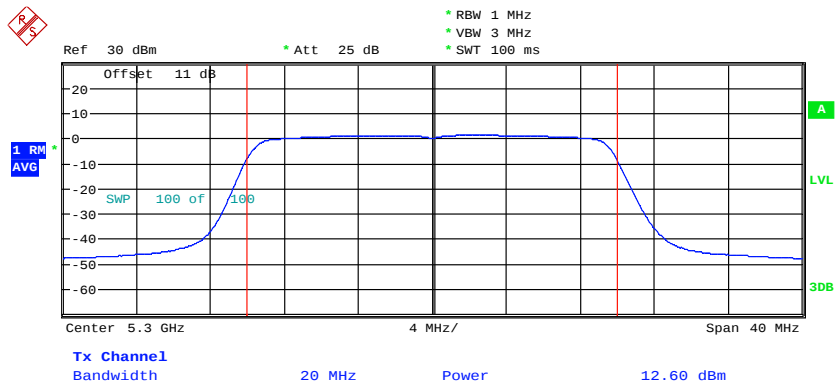


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



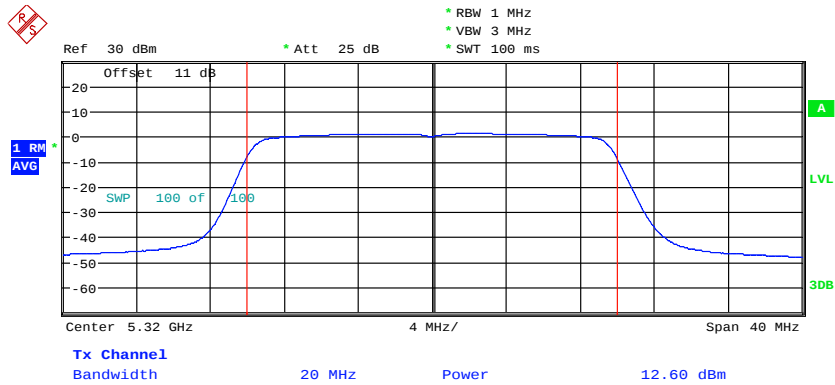
MAXIMUM CONDUCTED POWER ANT1\_11ax20CH52  
Date: 4.OCT.2024 16:56:22



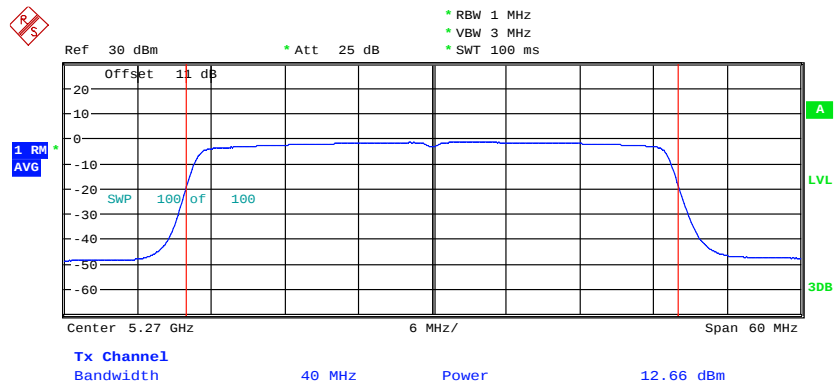
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Date: 4.OCT.2024 16:56:46



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



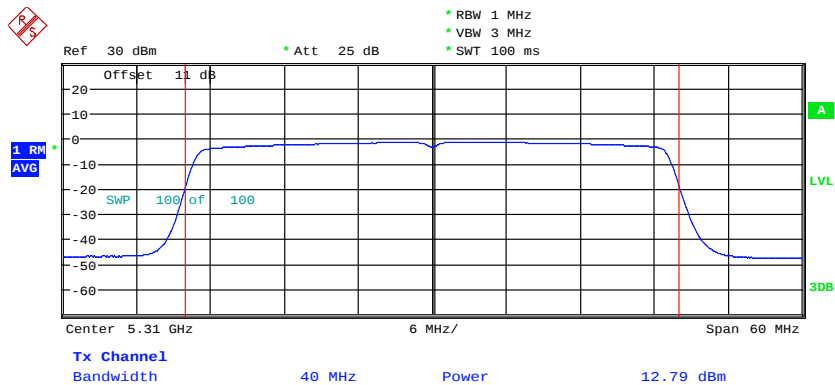
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Date: 4.OCT.2024 16:57:10



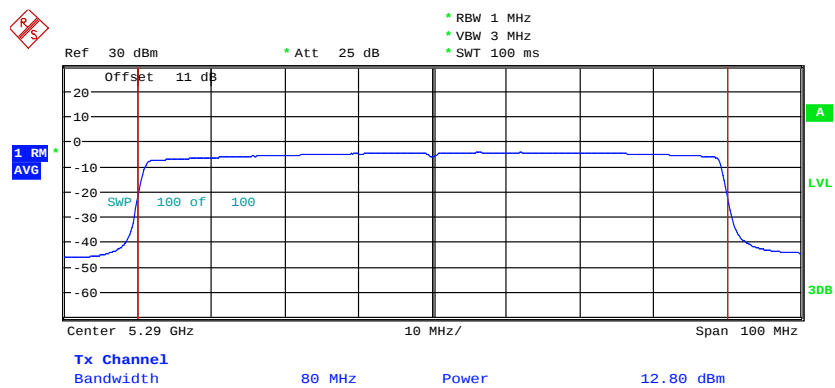
MAXIMUM CONDUCTED POWER ANT1\_11ax40CH54  
Date: 4.OCT.2024 17:06:00



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



MAXIMUM CONDUCTED POWER ANT1\_11ax40CH62  
Date: 4.OCT.2024 17:06:31



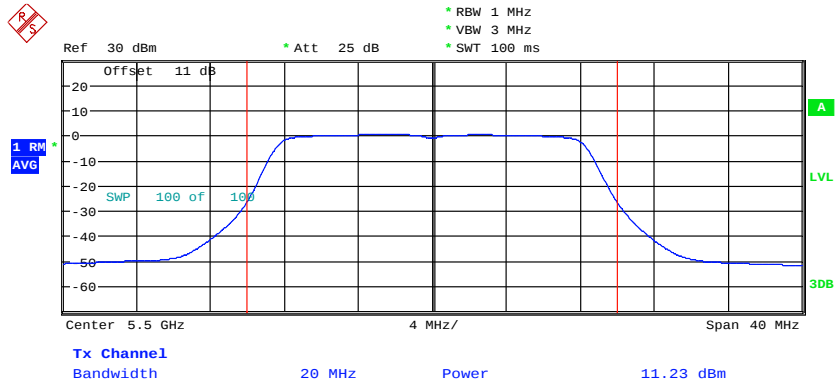
MAXIMUM CONDUCTED POWER ANT1\_11ax80CH58  
Date: 4.OCT.2024 17:17:55



Registration number: W6M22405-23479-C-55

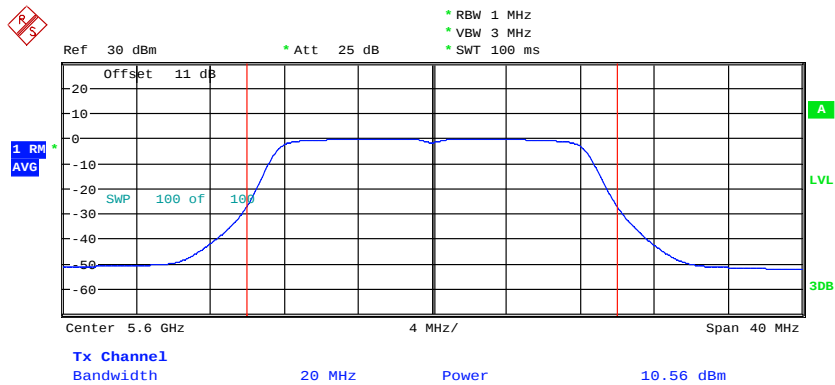
FCC ID: 2AG3J-WRPT50001

**5.47 GHz ~ 5.725 GHz**



MAXIMUM CONDUCTED POWER ANT1\_11aCH100

Date: 4.OCT.2024 15:33:01

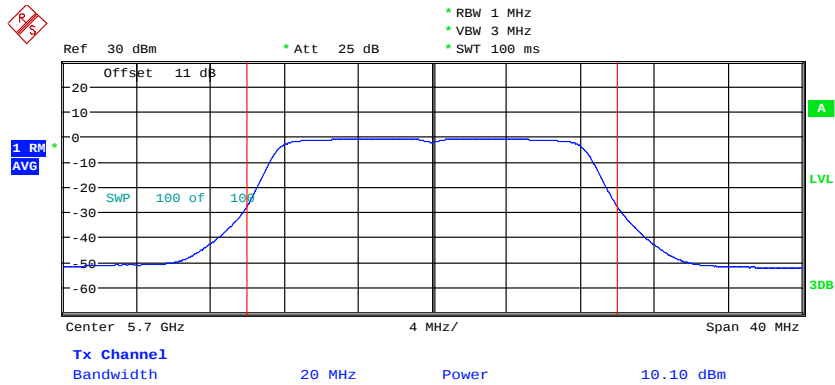


MAXIMUM CONDUCTED POWER ANT1\_11aCH120

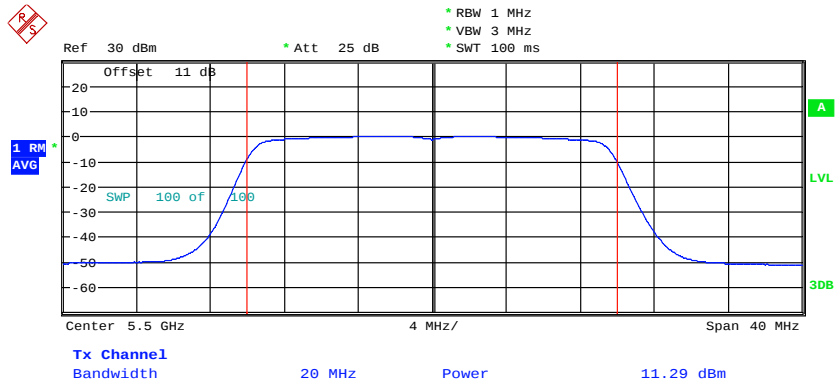
Date: 4.OCT.2024 15:34:23



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



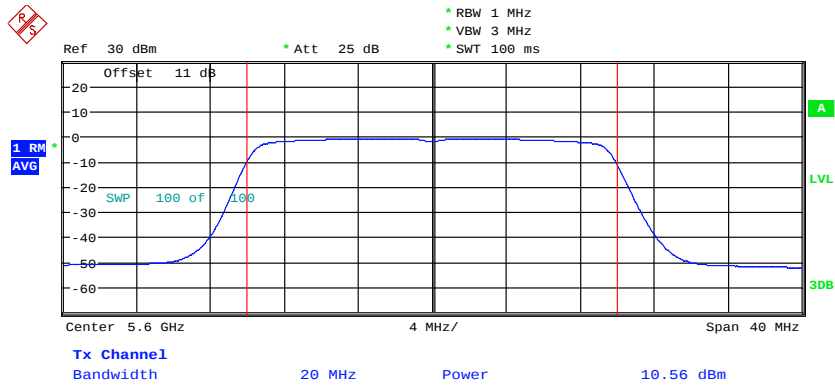
MAXIMUM CONDUCTED POWER ANT1\_11aCH140  
Date: 4.OCT.2024 15:35:31



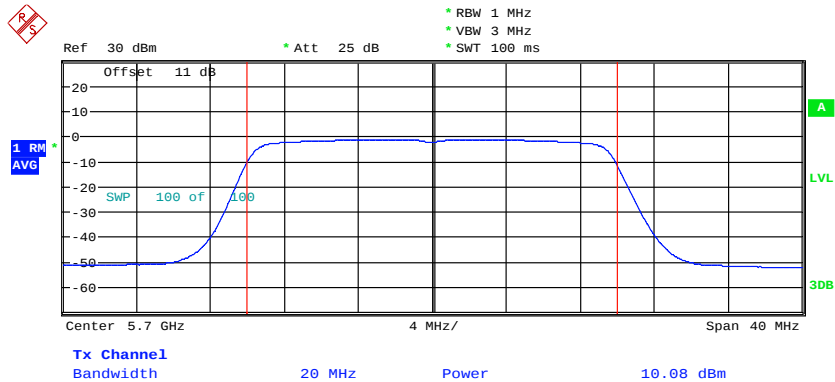
MAXIMUM CONDUCTED POWER ANT1\_11a20CH100  
Date: 4.OCT.2024 16:57:37



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



MAXIMUM CONDUCTED POWER ANT1\_11ax20CH120  
Date: 4.OCT.2024 16:58:01

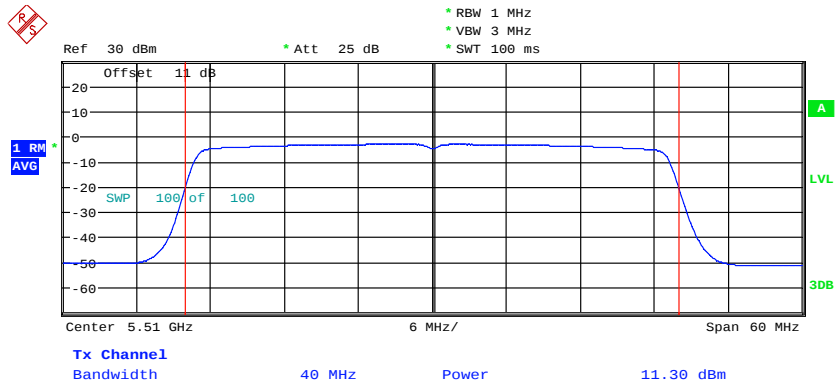


MAXIMUM CONDUCTED POWER ANT1\_11ax20CH140  
Date: 4.OCT.2024 16:58:27

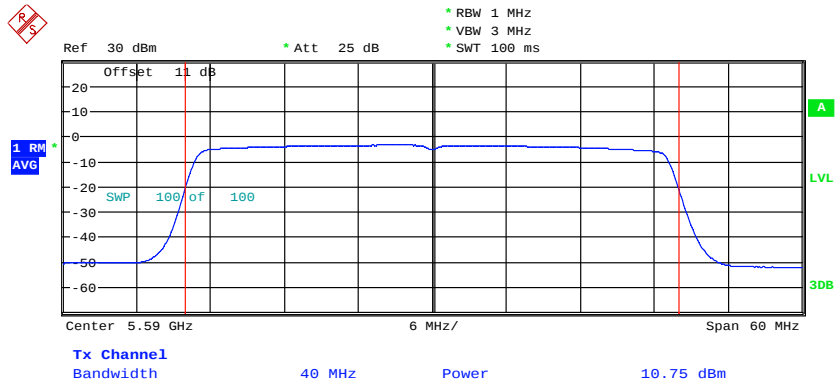


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



MAXIMUM CONDUCTED POWER ANT1\_11ax40CH102  
Date: 4.OCT.2024 17:06:59

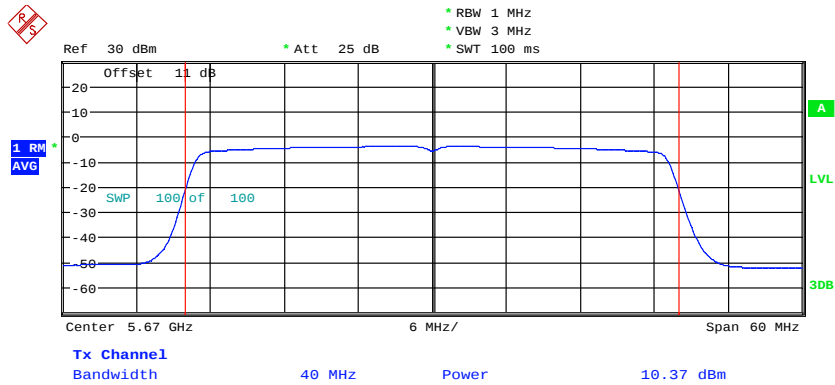


MAXIMUM CONDUCTED POWER ANT1\_11ax40CH118  
Date: 4.OCT.2024 17:07:29

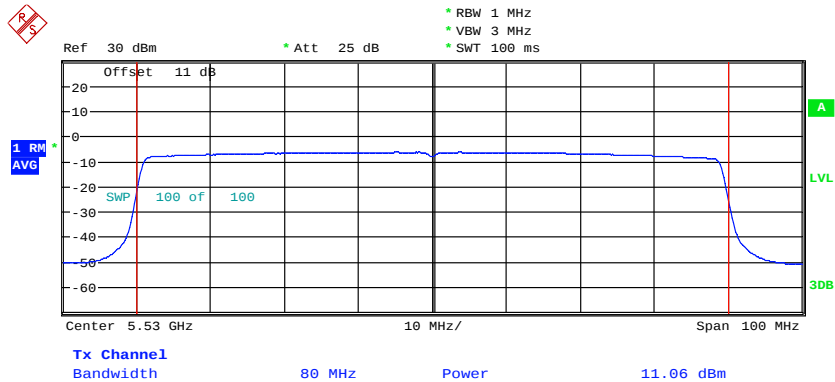


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

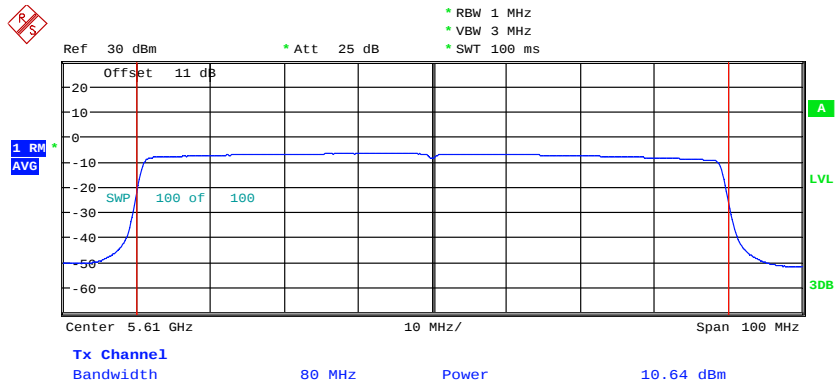


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Date: 4.OCT.2024 17:07:57



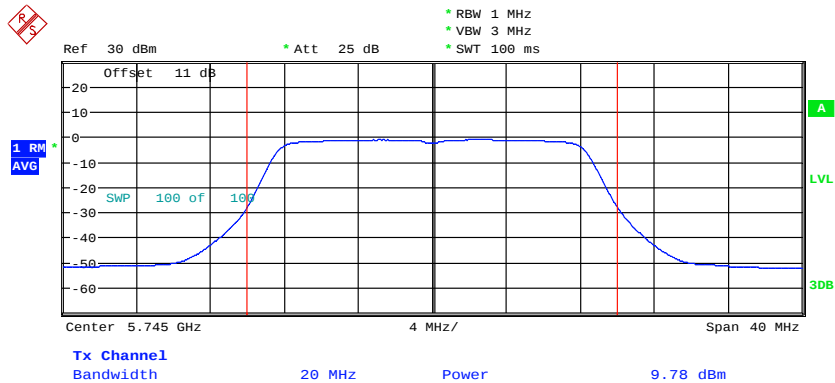
MAXIMUM CONDUCTED POWER ANT1\_11ax80CH106  
Date: 4.OCT.2024 17:17:28

Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



MAXIMUM CONDUCTED POWER ANT1\_11aX80CH122  
Date: 4.OCT.2024 17:17:01

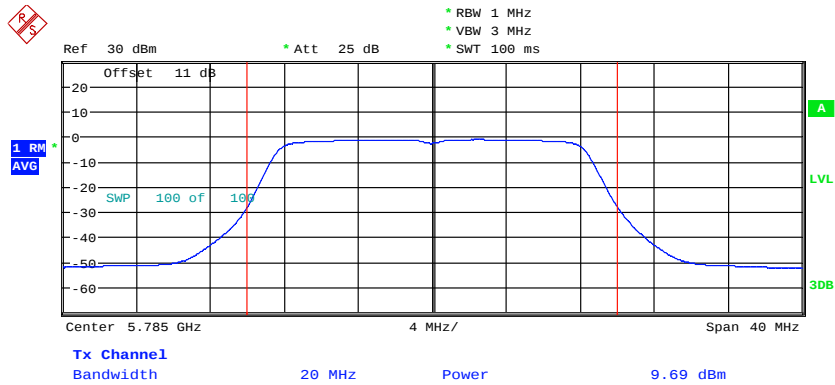
## 5.725 GHz ~ 5.85 GHz



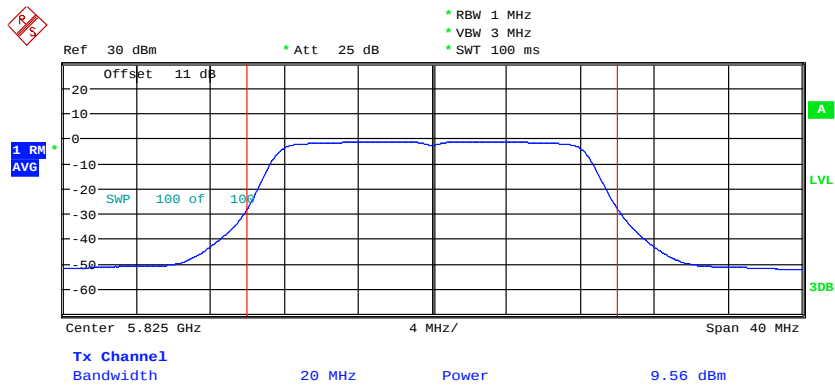
MAXIMUM CONDUCTED POWER ANT1\_11aCH149  
Date: 4.OCT.2024 15:39:22



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



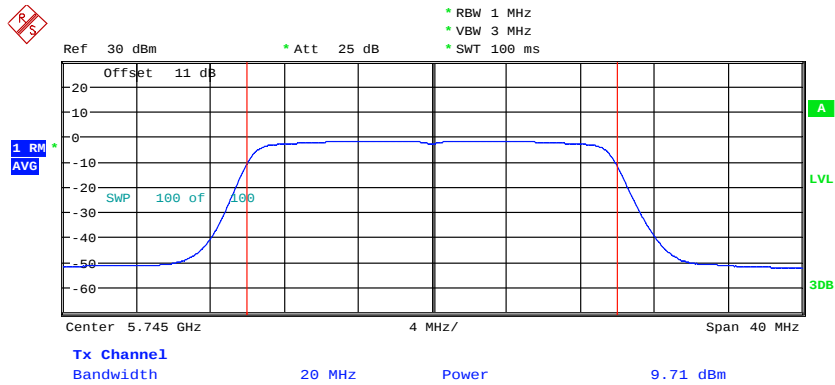
MAXIMUM CONDUCTED POWER ANT1\_11aCH157  
Date: 4.OCT.2024 15:40:30



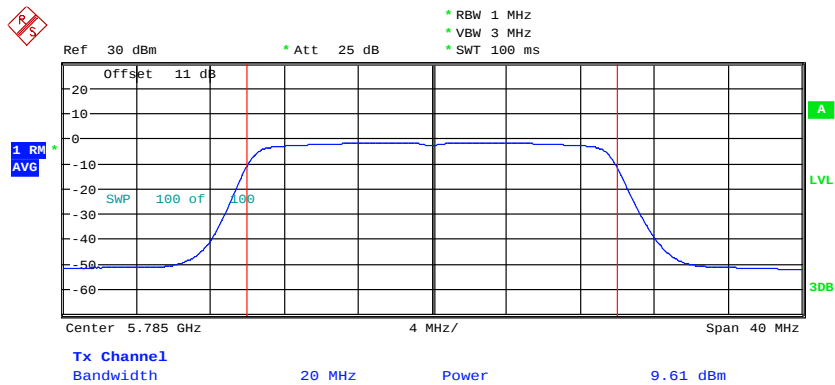
MAXIMUM CONDUCTED POWER ANT1\_11aCH165  
Date: 4.OCT.2024 15:42:25



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



MAXIMUM CONDUCTED POWER ANT1\_11ax20CH149  
Date: 4.OCT.2024 16:54:43

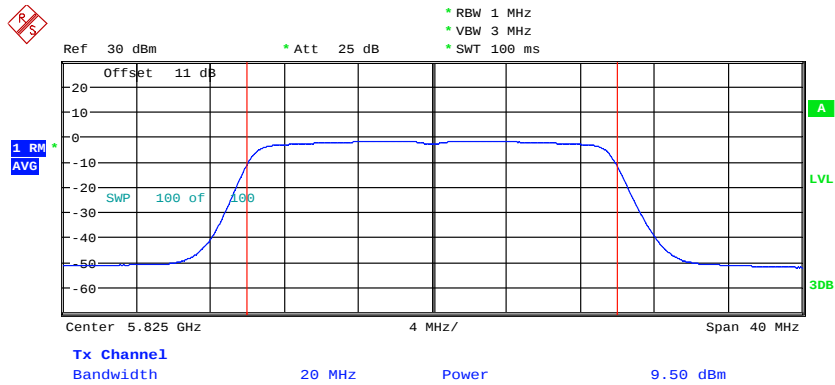


MAXIMUM CONDUCTED POWER ANT1\_11ax20CH157  
Date: 4.OCT.2024 16:54:14

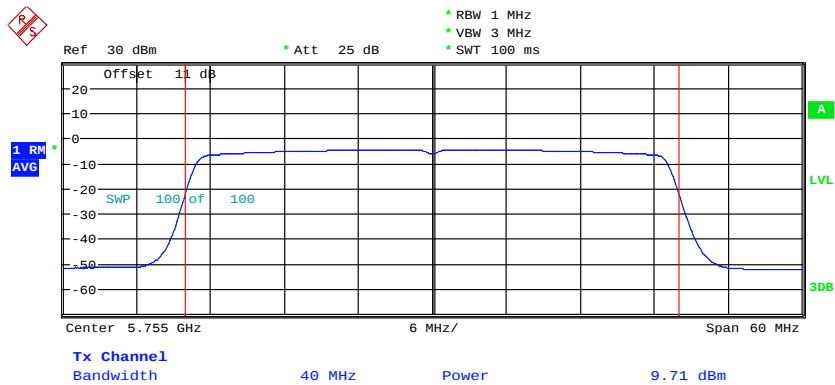


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



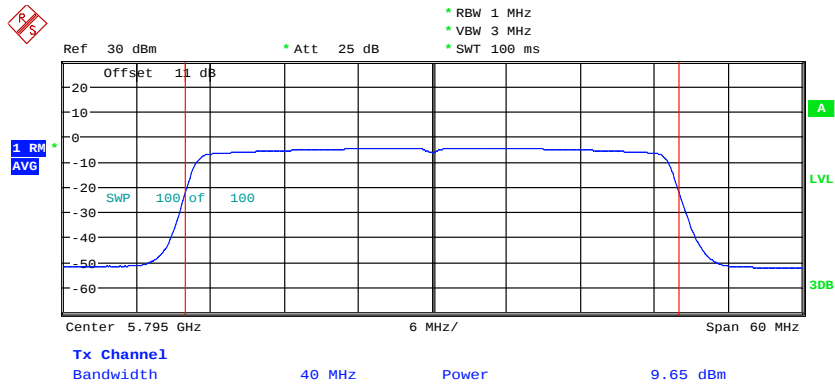
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Date: 4.OCT.2024 16:53:48



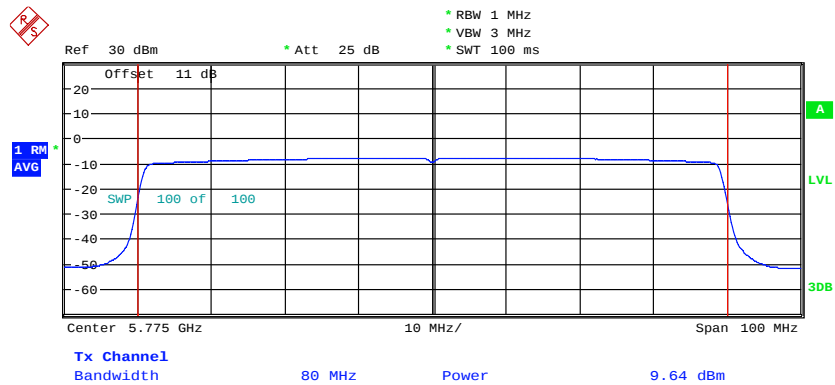
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Date: 4.OCT.2024 17:08:26



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



MAXIMUM CONDUCTED POWER ANT1\_11ax40CH159  
Date: 4.OCT.2024 17:08:54



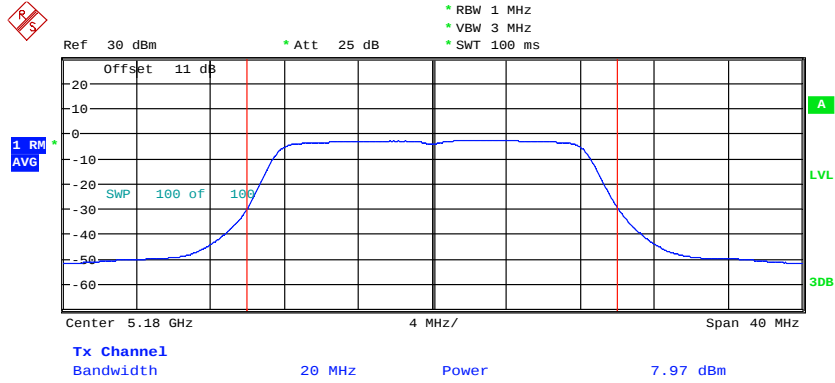
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Date: 4.OCT.2024 17:16:33



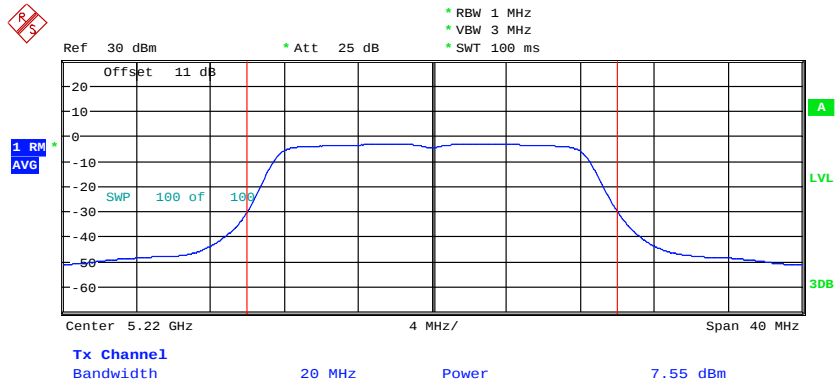
Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

**ANT 2**

**5.15 GHz ~ 5.25 GHz**



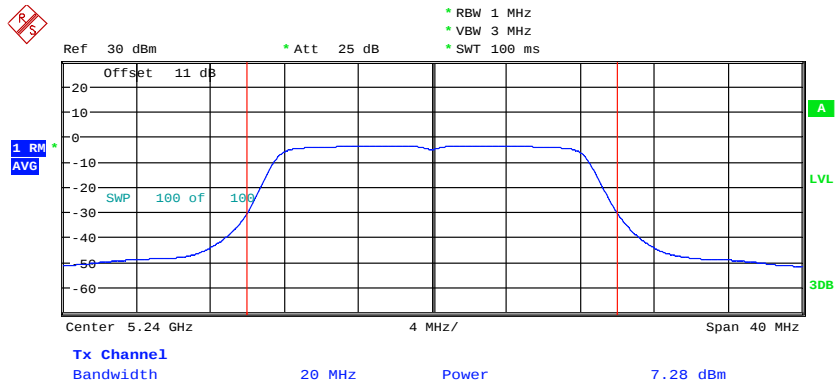
MAXIMUM CONDUCTED POWER ANT2\_11aCH36  
Date: 4.OCT.2024 15:53:45



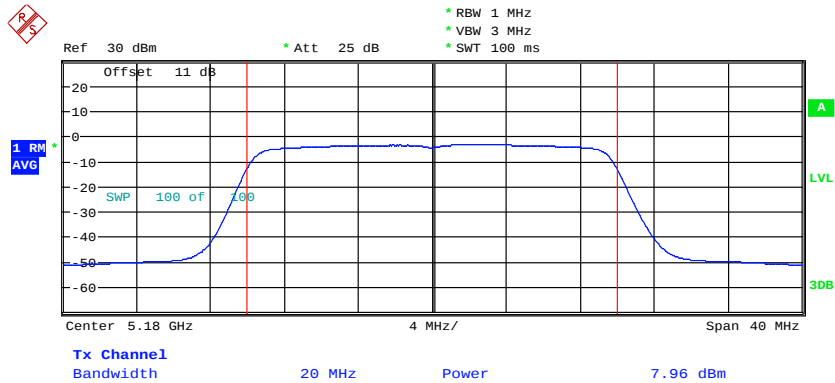
MAXIMUM CONDUCTED POWER ANT2\_11aCH44  
Date: 4.OCT.2024 15:55:28



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



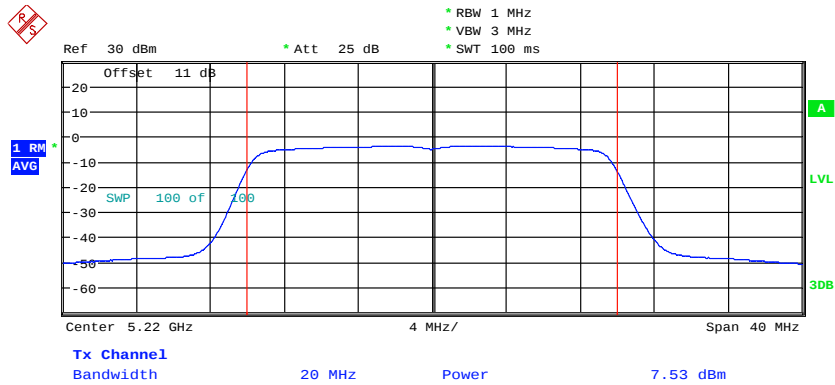
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Date: 4.OCT.2024 15:56:35



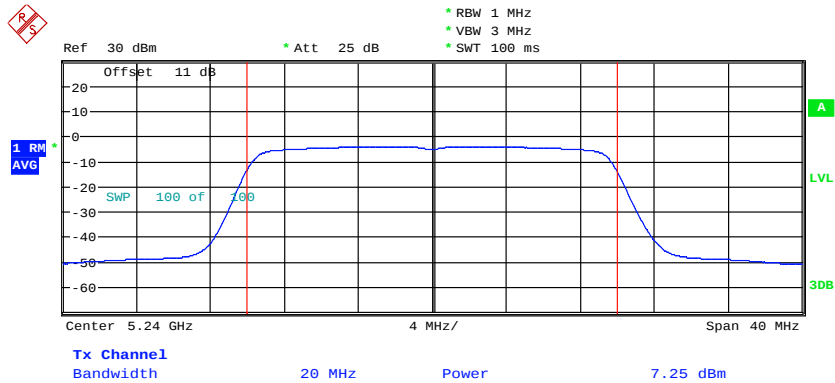
MAXIMUM CONDUCTED POWER ANT2\_11ax20CH36  
Date: 4.OCT.2024 16:48:28



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



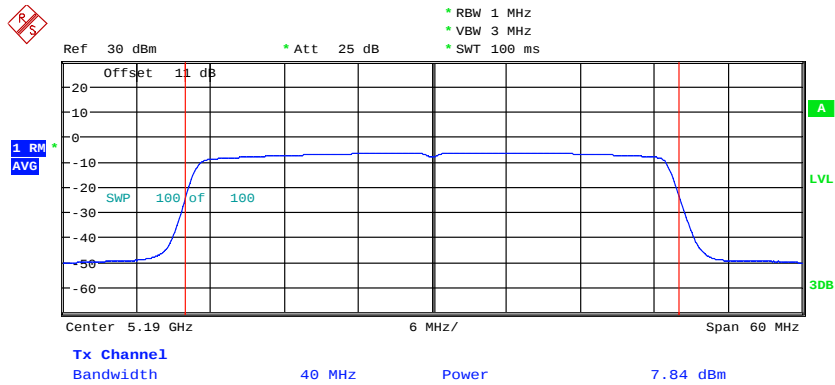
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Date: 4.OCT.2024 16:48:52



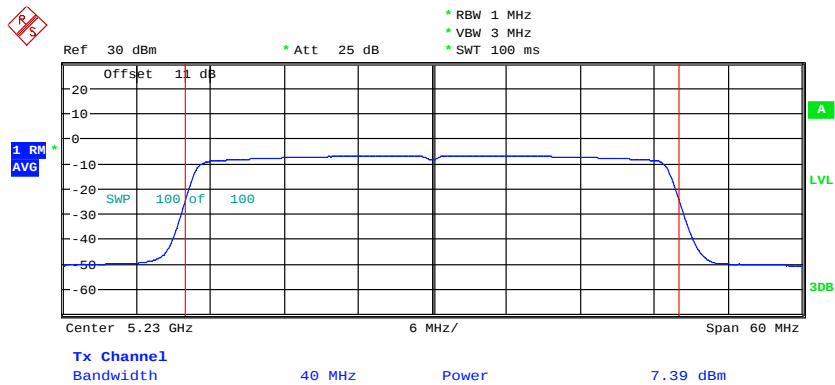
MAXIMUM CONDUCTED POWER ANT2\_11ax20CH48  
Date: 4.OCT.2024 16:49:24



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



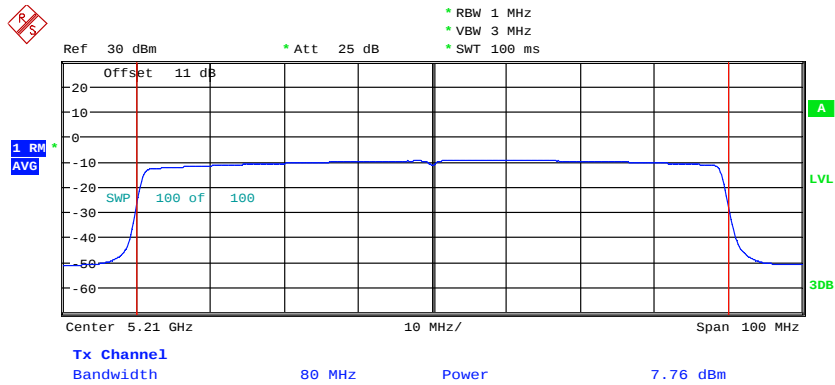
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Date: 4.OCT.2024 17:13:02



MAXIMUM CONDUCTED POWER ANT2\_11ax40CH46  
Date: 4.OCT.2024 17:12:38

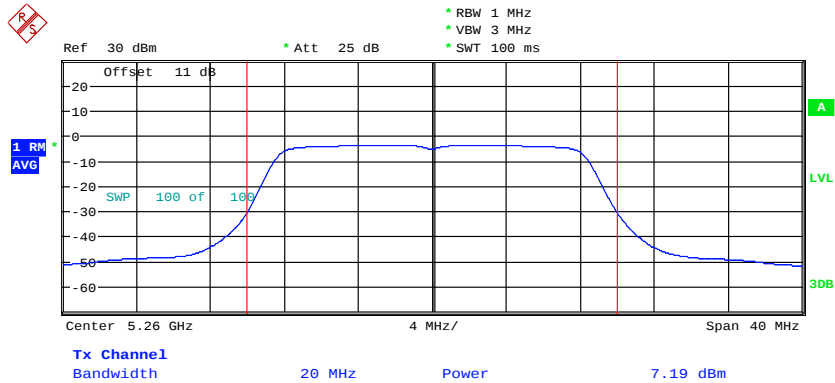


Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



MAXIMUM CONDUCTED POWER ANT2\_11aX80CH42  
Date: 4.OCT.2024 17:14:02

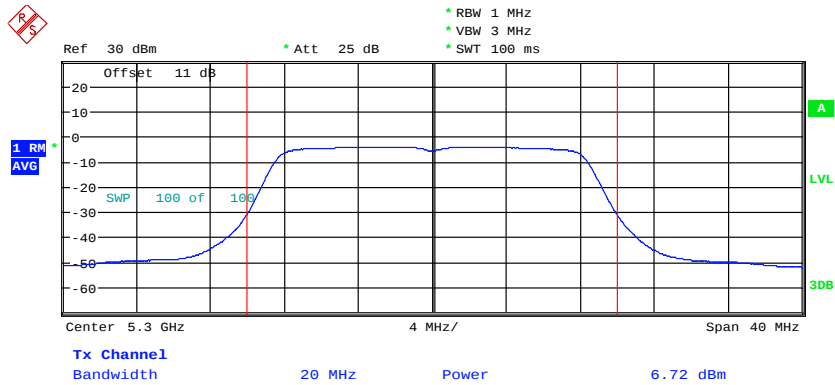
### 5.25 GHz ~ 5.35 GHz



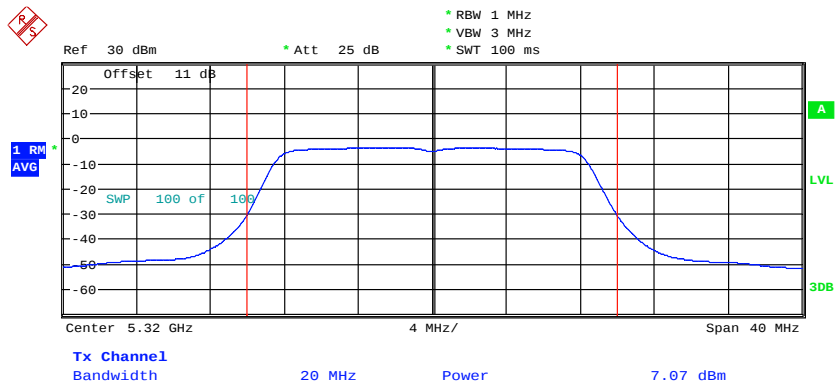
MAXIMUM CONDUCTED POWER ANT2\_11aCH52  
Date: 4.OCT.2024 15:57:57



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



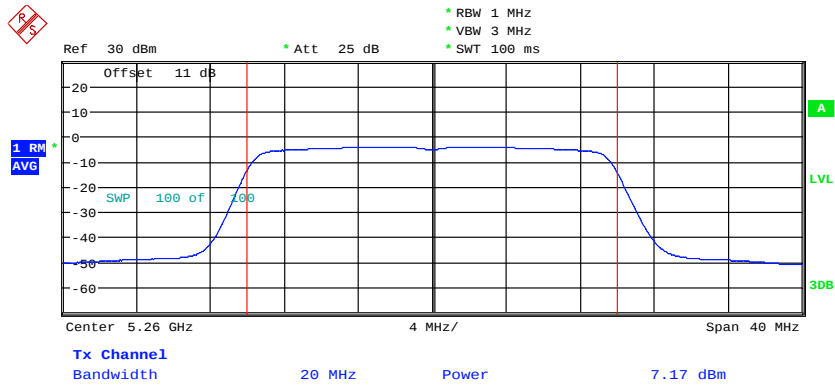
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Date: 4.OCT.2024 15:59:12



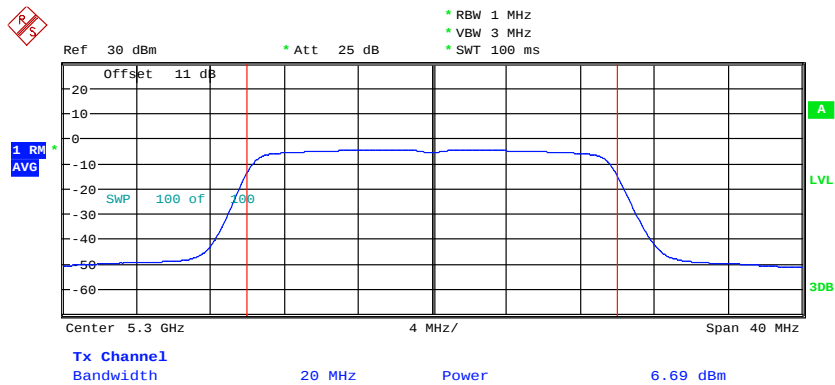
MAXIMUM CONDUCTED POWER ANT2\_11aCH64  
Date: 4.OCT.2024 16:00:40



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



MAXIMUM CONDUCTED POWER ANT2\_11ax20CH52  
Date: 4.OCT.2024 16:49:49

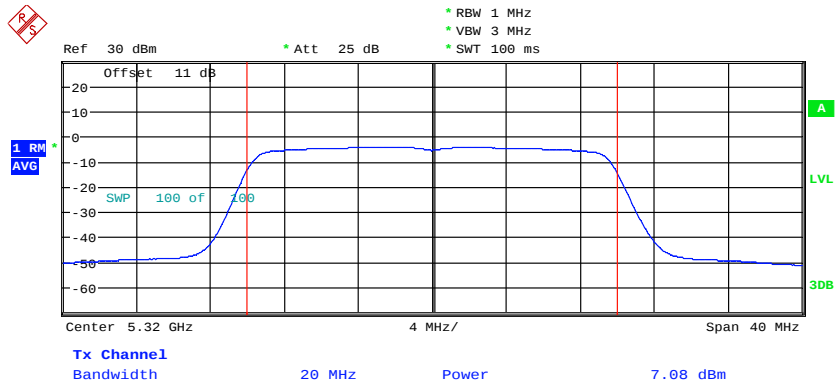


MAXIMUM CONDUCTED POWER ANT2\_11ax20CH60  
Date: 4.OCT.2024 16:50:16

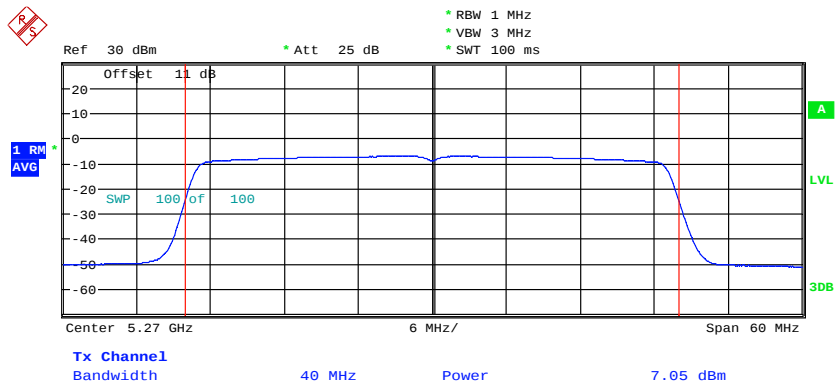


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



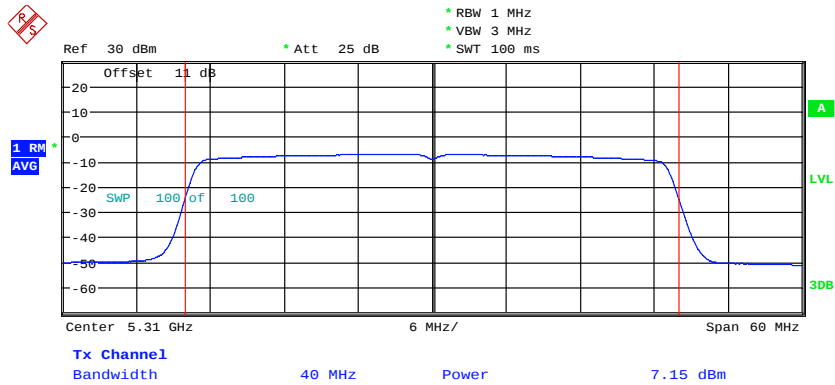
MAXIMUM CONDUCTED POWER ANT2\_11ax20CH64  
Date: 4.OCT.2024 16:50:44



MAXIMUM CONDUCTED POWER ANT2\_11ax40CH54  
Date: 4.OCT.2024 17:12:10

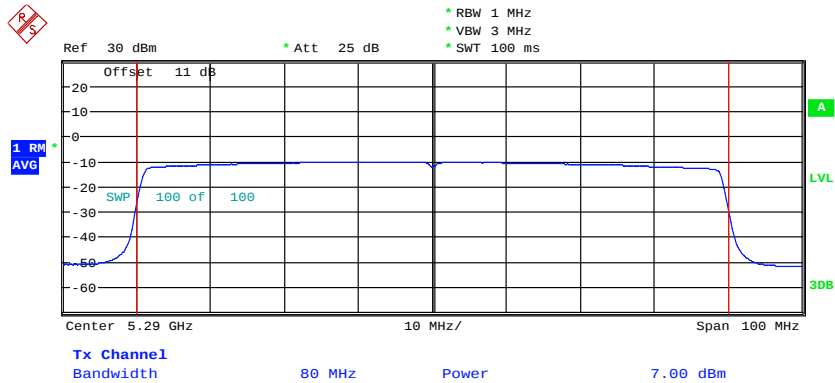


Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



MAXIMUM CONDUCTED POWER ANT2\_11ax40CH62

Date: 4.OCT.2024 17:11:44



MAXIMUM CONDUCTED POWER ANT2\_11ax80CH58

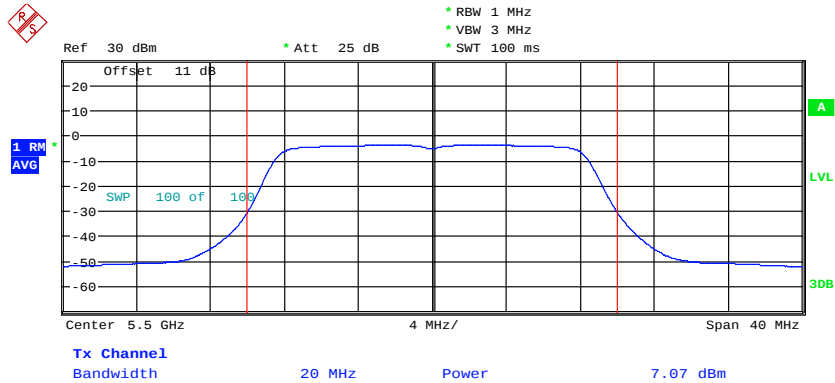
Date: 4.OCT.2024 17:14:40



Registration number: W6M22405-23479-C-55

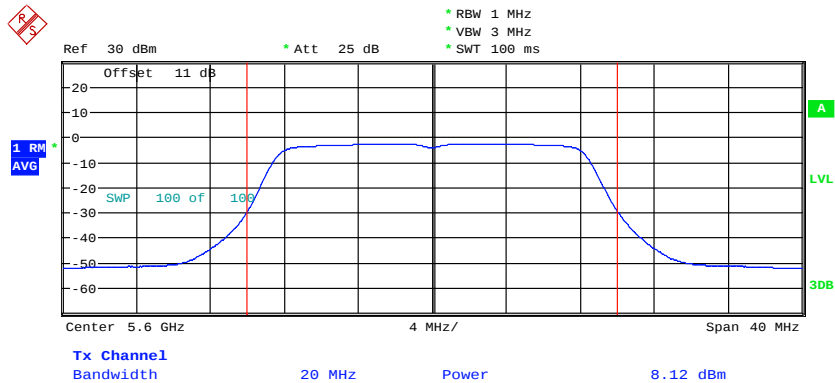
FCC ID: 2AG3J-WRPT50001

**5.47 GHz ~ 5.725 GHz**



MAXIMUM CONDUCTED POWER ANT2\_11aCH100

Date: 4.OCT.2024 15:49:07

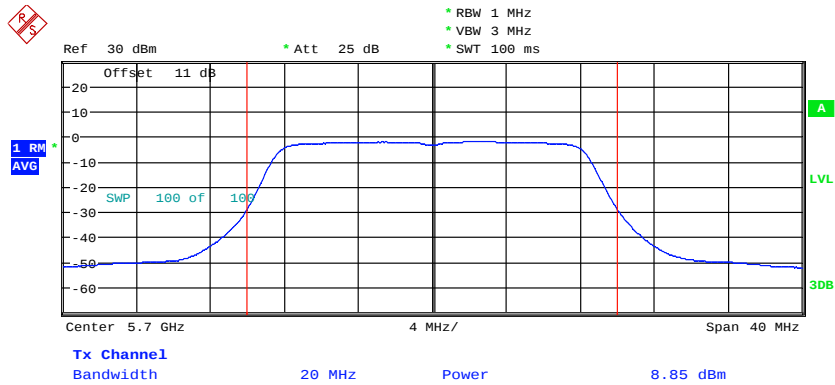


MAXIMUM CONDUCTED POWER ANT2\_11aCH120

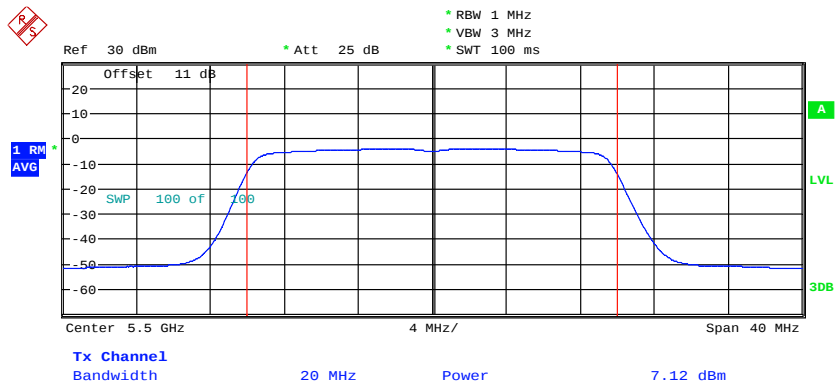
Date: 4.OCT.2024 15:50:15



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



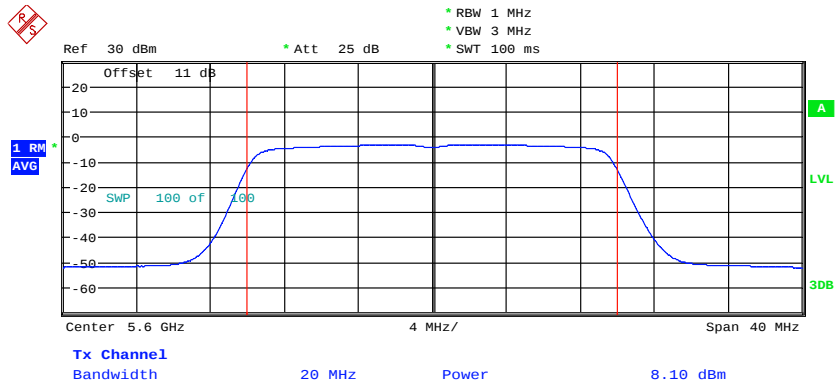
MAXIMUM CONDUCTED POWER ANT2\_11aCH140  
Date: 4.OCT.2024 15:51:23



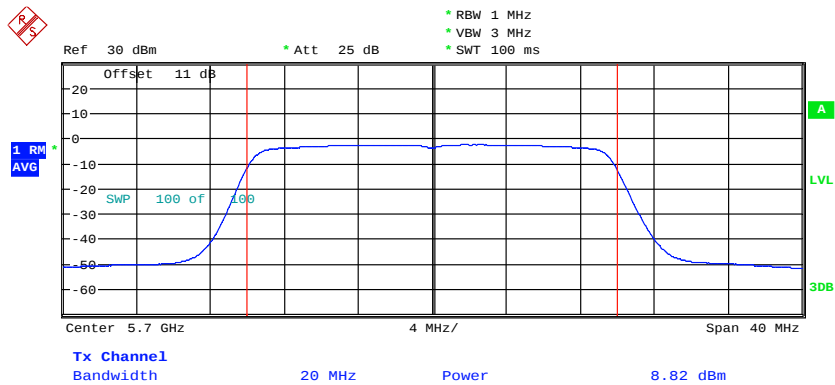
MAXIMUM CONDUCTED POWER ANT2\_11ax20CH100  
Date: 4.OCT.2024 16:51:08



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



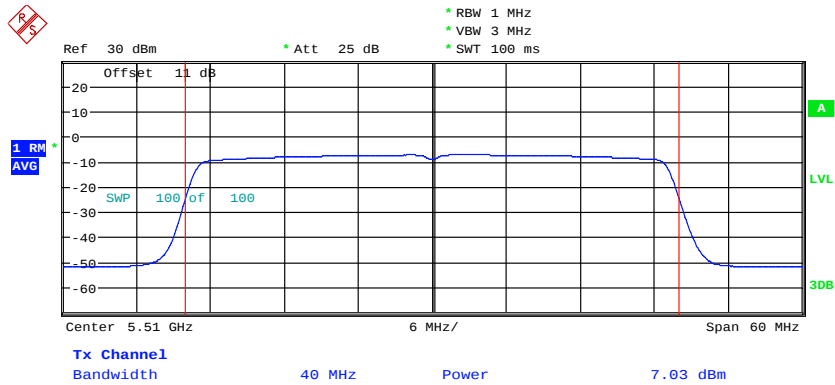
MAXIMUM CONDUCTED POWER ANT2\_11ax20CH120  
Date: 4.OCT.2024 16:51:35



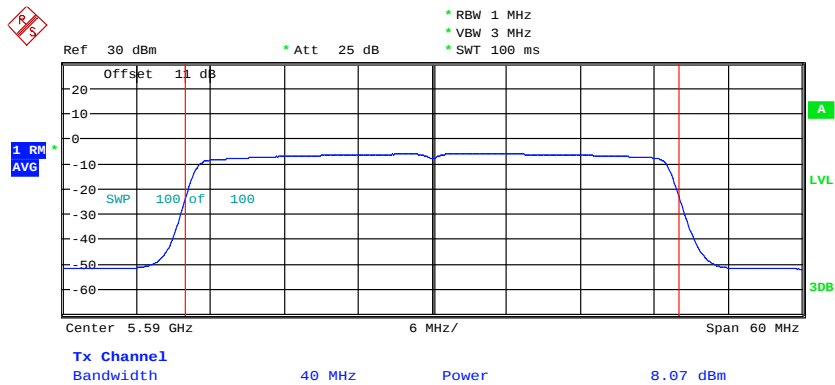
MAXIMUM CONDUCTED POWER ANT2\_11ax20CH140  
Date: 4.OCT.2024 16:51:59



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



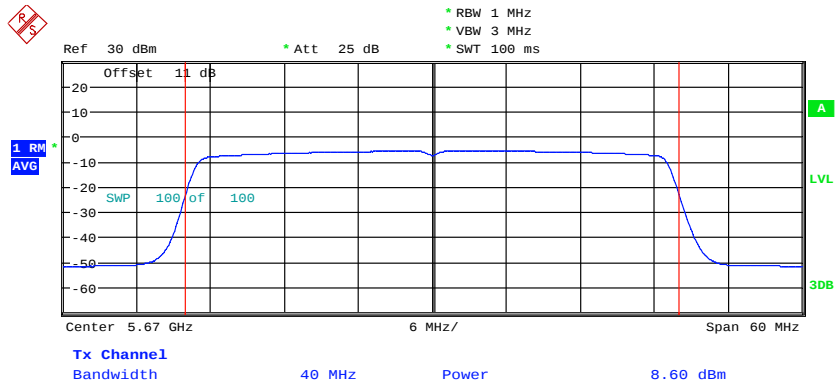
MAXIMUM CONDUCTED POWER ANT2\_11ax40CH102  
Date: 4.OCT.2024 17:11:11



MAXIMUM CONDUCTED POWER ANT2\_11ax40CH118  
Date: 4.OCT.2024 17:10:45

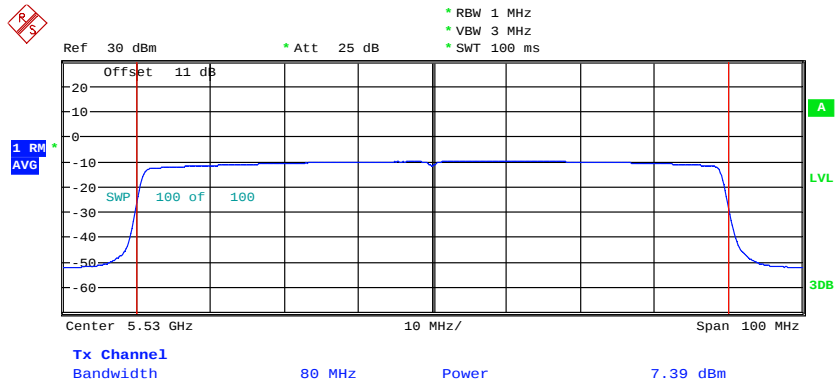


Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



MAXIMUM CONDUCTED POWER ANT2\_11ax40CH134

Date: 4.OCT.2024 17:10:18

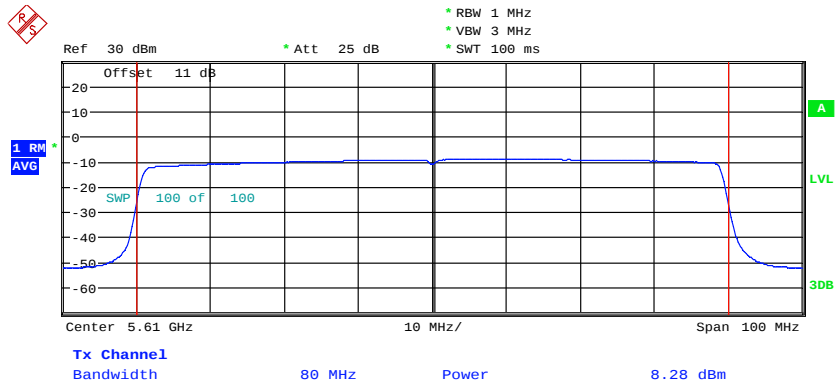


MAXIMUM CONDUCTED POWER ANT2\_11ax80CH106

Date: 4.OCT.2024 17:15:03

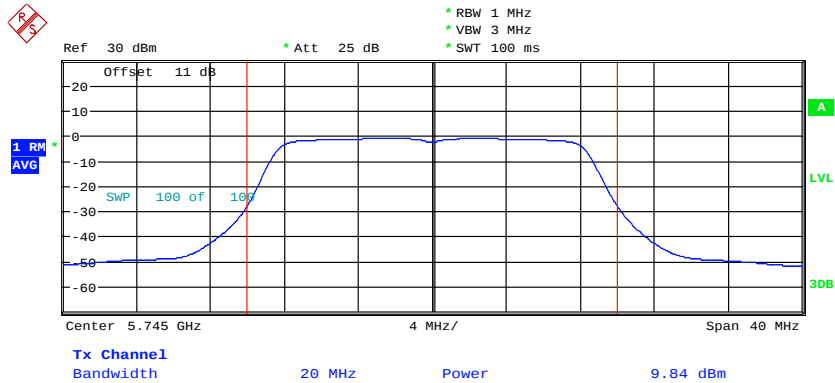


Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



MAXIMUM CONDUCTED POWER ANT2\_11aX80CH122  
Date: 4.OCT.2024 17:15:29

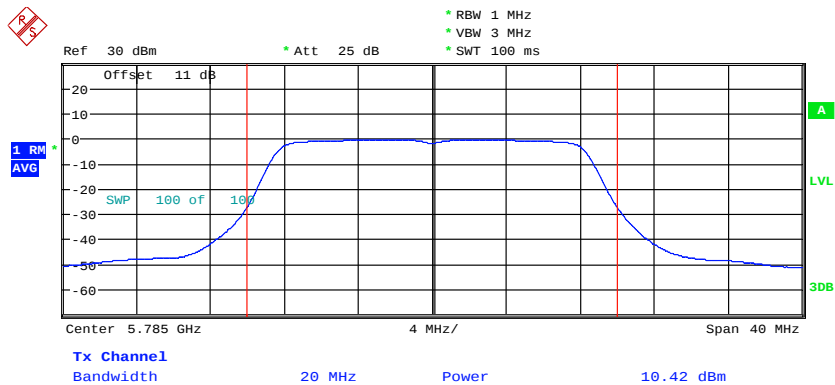
### 5.725 GHz ~ 5.85 GHz



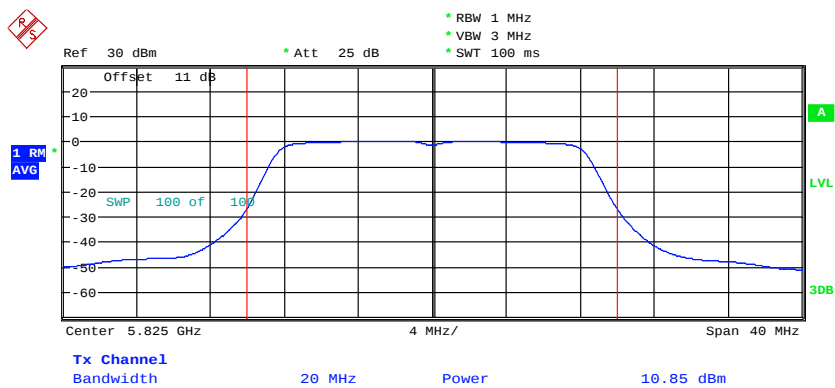
MAXIMUM CONDUCTED POWER ANT2\_11aCH149  
Date: 4.OCT.2024 15:44:07



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



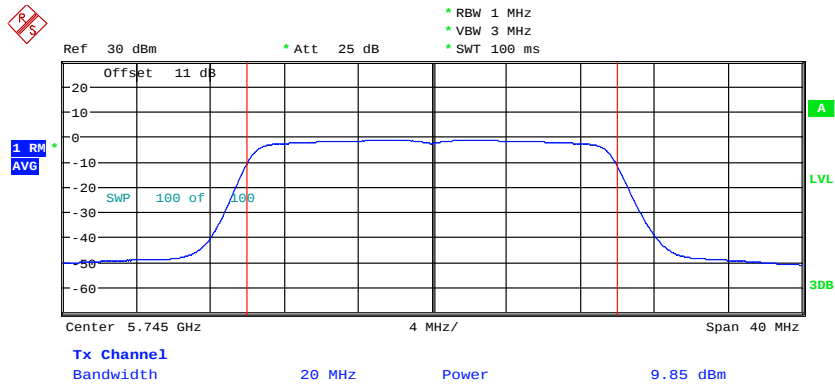
MAXIMUM CONDUCTED POWER ANT2\_11aCH157  
Date: 4.OCT.2024 15:45:15



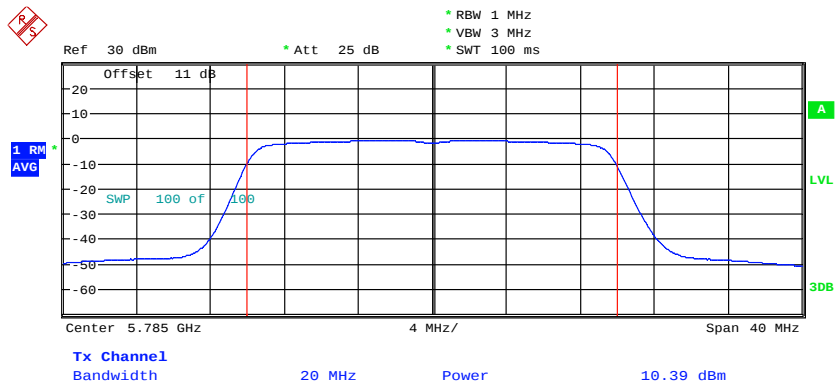
MAXIMUM CONDUCTED POWER ANT2\_11aCH165  
Date: 4.OCT.2024 15:46:30



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



MAXIMUM CONDUCTED POWER ANT2\_11ax20CH149  
Date: 4.OCT.2024 16:52:26

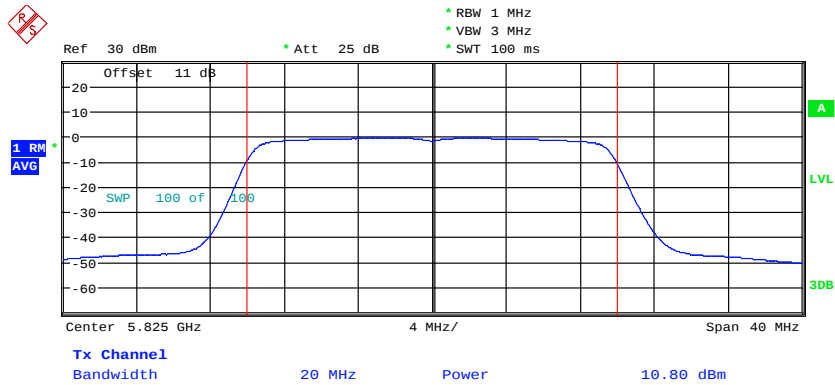


MAXIMUM CONDUCTED POWER ANT2\_11ax20CH157  
Date: 4.OCT.2024 16:52:51

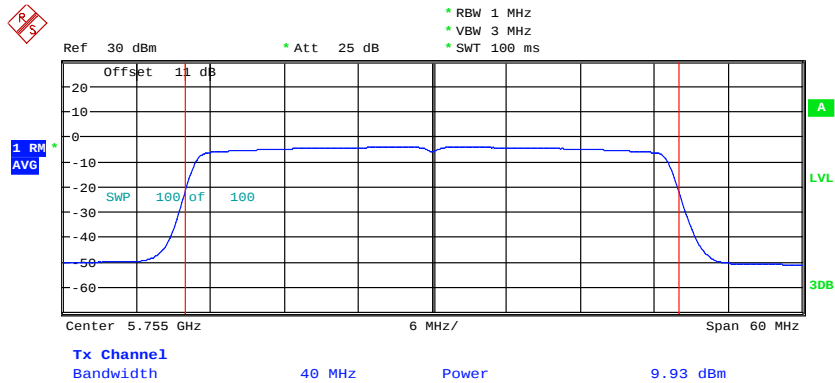


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



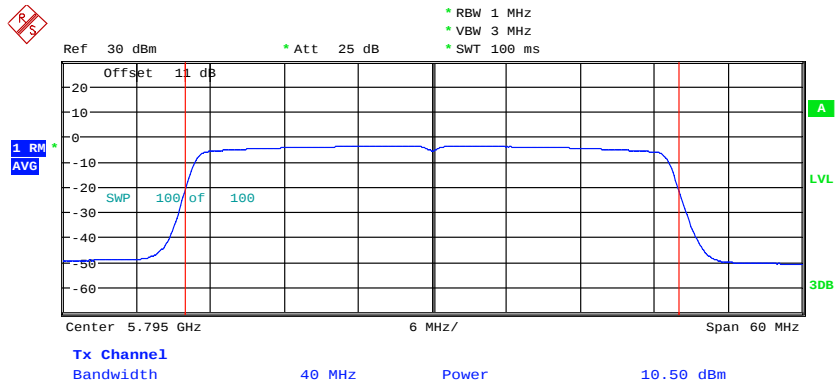
MAXIMUM CONDUCTED POWER ANT2\_11ax20CH165  
Date: 4.OCT.2024 16:53:17



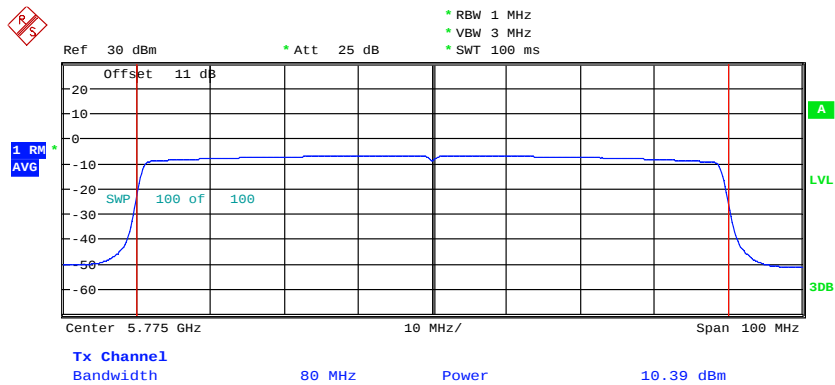
MAXIMUM CONDUCTED POWER ANT2\_11ax40CH151  
Date: 4.OCT.2024 17:09:52



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



MAXIMUM CONDUCTED POWER ANT2\_11ax40CH159  
Date: 4.OCT.2024 17:09:27



MAXIMUM CONDUCTED POWER ANT2\_11ax80CH155  
Date: 4.OCT.2024 17:15:57



# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22405-23479-C-55

FCC ID: 2AG3J-WRPT50001

New Testing

Test date: February 25, 2025

Temperature: 21.2 °C

Humidity: 60.0 %

Tester: Sora

| Band   | Mode              | Channel           | Conducted power with DF (dBm) |           | Combine (dBm) | DF (dB) | Limit (dBm) |
|--------|-------------------|-------------------|-------------------------------|-----------|---------------|---------|-------------|
|        |                   |                   | Antenna 1                     | Antenna 2 |               |         |             |
| NII-1  | 802.11a           | Ch 36 : 5180 MHz  | 10.37                         | 7.99      | -             | 0.02    | 26.90       |
|        |                   | Ch 44 : 5220 MHz  | 10.70                         | 7.57      | -             | 0.02    | 26.90       |
|        |                   | Ch 48 : 5240 MHz  | 10.66                         | 7.30      | -             | 0.02    | 26.90       |
|        | 802.11ax<br>20MHz | Ch 36 : 5180 MHz  | 10.26                         | 7.96      | 12.27         | 0.00    | 26.90       |
|        |                   | Ch 44 : 5220 MHz  | 10.50                         | 7.53      | 12.27         | 0.00    | 26.90       |
|        |                   | Ch 48 : 5240 MHz  | 10.42                         | 7.25      | 12.13         | 0.00    | 26.90       |
|        | 802.11ax<br>40MHz | Ch 38 : 5190 MHz  | 10.26                         | 7.84      | 12.23         | 0.00    | 26.90       |
|        |                   | Ch 46 : 5230 MHz  | 10.48                         | 7.39      | 12.21         | 0.00    | 26.90       |
|        | 802.11ax<br>80MHz | Ch 42 : 5210 MHz  | 10.61                         | 7.76      | 12.43         | 0.00    | 26.90       |
| NII-2A | 802.11a           | Ch 52 : 5260 MHz  | 11.40                         | 7.21      | -             | 0.02    | 21.72       |
|        |                   | Ch 60 : 5300 MHz  | 11.17                         | 6.74      | -             | 0.02    | 21.72       |
|        |                   | Ch 64 : 5320 MHz  | 11.13                         | 7.09      | -             | 0.02    | 21.72       |
|        | 802.11ax<br>20MHz | Ch 52 : 5260 MHz  | 11.47                         | 7.17      | 12.84         | 0.00    | 21.72       |
|        |                   | Ch 60 : 5300 MHz  | 11.10                         | 6.69      | 12.44         | 0.00    | 21.72       |
|        |                   | Ch 64 : 5320 MHz  | 11.27                         | 7.08      | 12.67         | 0.00    | 21.72       |
|        | 802.11ax<br>40MHz | Ch 54 : 5270 MHz  | 11.35                         | 7.05      | 12.72         | 0.00    | 21.72       |
|        |                   | Ch 62 : 5310 MHz  | 11.39                         | 7.15      | 12.78         | 0.00    | 21.72       |
|        | 802.11ax<br>80MHz | Ch 58 : 5290 MHz  | 11.42                         | 7.00      | 12.76         | 0.00    | 21.72       |
| NII-2C | 802.11a           | Ch 100 : 5500 MHz | 11.25                         | 7.09      | -             | 0.02    | 21.07       |
|        |                   | Ch 120 : 5600 MHz | 10.58                         | 8.14      | -             | 0.02    | 21.07       |
|        |                   | Ch 140 : 5700 MHz | 10.12                         | 8.87      | -             | 0.02    | 21.07       |
|        | 802.11ax<br>20MHz | Ch 100 : 5500 MHz | 11.29                         | 7.12      | 12.70         | 0.00    | 21.07       |
|        |                   | Ch 120 : 5600 MHz | 10.56                         | 8.10      | 12.51         | 0.00    | 21.07       |
|        |                   | Ch 140 : 5700 MHz | 10.08                         | 8.82      | 12.51         | 0.00    | 21.07       |
|        | 802.11ax<br>40MHz | Ch 102 : 5510 MHz | 11.30                         | 7.03      | 12.68         | 0.00    | 21.07       |
|        |                   | Ch 118 : 5590 MHz | 10.75                         | 8.07      | 12.62         | 0.00    | 21.07       |
|        |                   | Ch 134 : 5670 MHz | 10.37                         | 8.60      | 12.58         | 0.00    | 21.07       |
|        | 802.11ax<br>80MHz | Ch 106 : 5530 MHz | 11.06                         | 7.39      | 12.61         | 0.00    | 21.07       |
|        |                   | Ch 122 : 5610 MHz | 10.64                         | 8.28      | 12.63         | 0.00    | 21.07       |
| NII-3  | 802.11a           | Ch 149 : 5745 MHz | 9.80                          | 8.71      | -             | 0.02    | 27.07       |

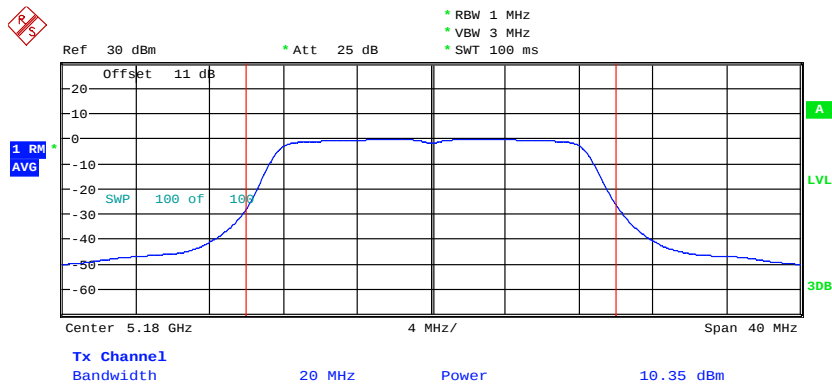


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

|  |                           |                   |      |      |       |      |       |
|--|---------------------------|-------------------|------|------|-------|------|-------|
|  |                           | Ch 157 : 5785 MHz | 9.71 | 9.04 | -     | 0.02 | 27.07 |
|  |                           | Ch 165 : 5825 MHz | 9.58 | 9.37 | -     | 0.02 | 27.07 |
|  | <b>802.11ax<br/>20MHz</b> | Ch 149 : 5745 MHz | 9.71 | 8.45 | 12.14 | 0.00 | 27.07 |
|  |                           | Ch 157 : 5785 MHz | 9.61 | 9.07 | 12.36 | 0.00 | 27.07 |
|  |                           | Ch 165 : 5825 MHz | 9.50 | 9.46 | 12.49 | 0.00 | 27.07 |
|  | <b>802.11ax<br/>40MHz</b> | Ch 151 : 5755 MHz | 9.71 | 8.78 | 12.28 | 0.00 | 27.07 |
|  |                           | Ch 159 : 5795 MHz | 9.65 | 9.35 | 12.51 | 0.00 | 27.07 |
|  | <b>802.11ax<br/>80MHz</b> | Ch 155: 5775 MHz  | 9.64 | 9.22 | 12.45 | 0.00 | 27.07 |

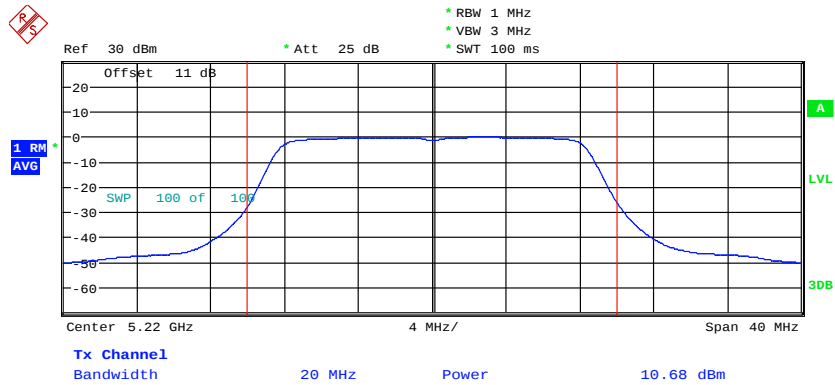
## ANT 1 5.15 GHz ~ 5.25 GHz



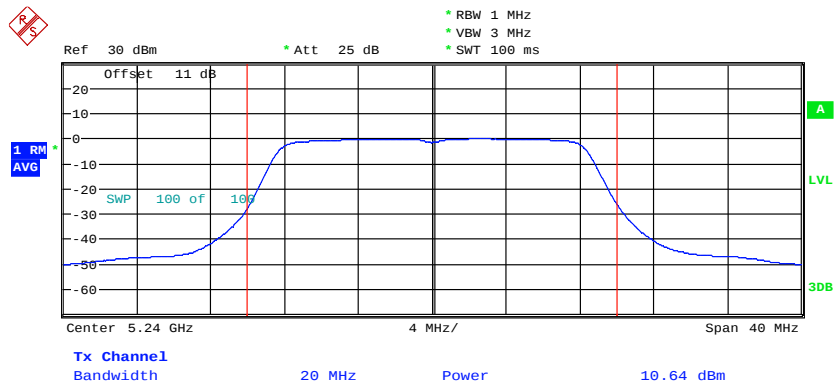
MAXIMUM CONDUCTED POWER ANT1\_11aCH36  
Date: 25.FEB.2025 12:44:55



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



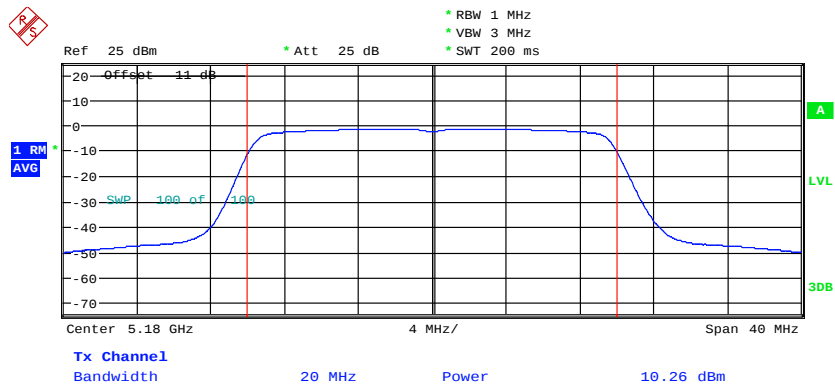
MAXIMUM CONDUCTED POWER ANT1\_11aCH44  
Date: 25.FEB.2025 12:46:17



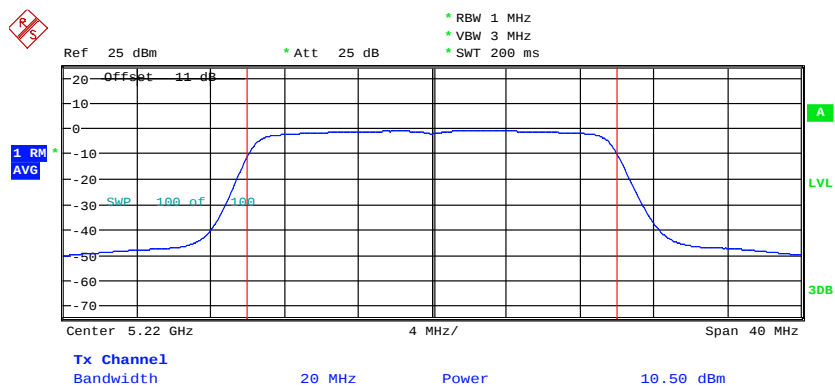
MAXIMUM CONDUCTED POWER ANT1\_11aCH48  
Date: 25.FEB.2025 12:47:25



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



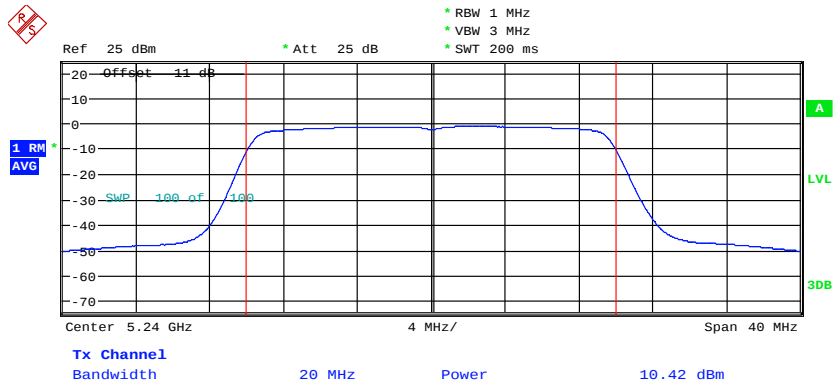
MAXIMUM CONDUCTED POWER ANT1\_ax20\_CH36  
Date: 25.FEB.2025 14:58:44



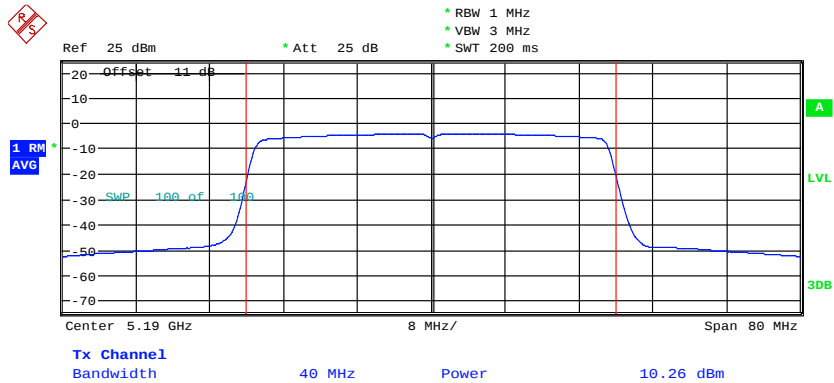
MAXIMUM CONDUCTED POWER ANT1\_ax20\_CH44  
Date: 25.FEB.2025 14:59:43



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



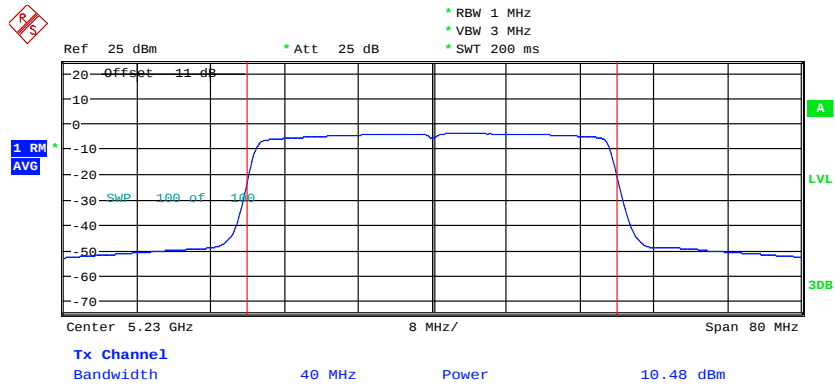
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Date: 25.FEB.2025 15:00:25



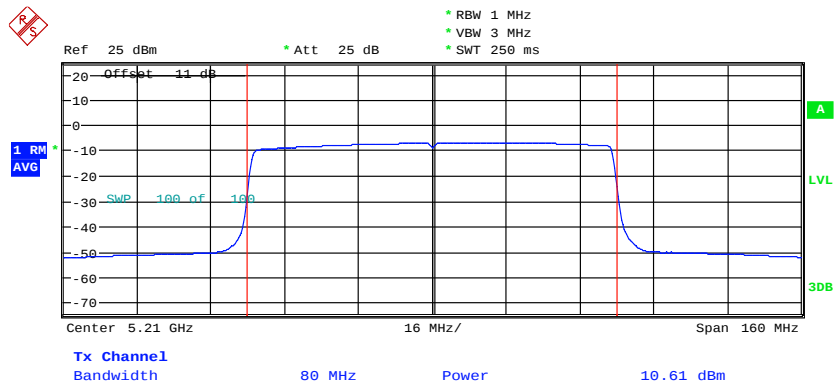
MAXIMUM CONDUCTED POWER ANT1\_ax40\_CH38  
Date: 25.FEB.2025 15:43:29



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



MAXIMUM CONDUCTED POWER ANT1\_ax40\_CH46  
Date: 25.FEB.2025 15:44:23



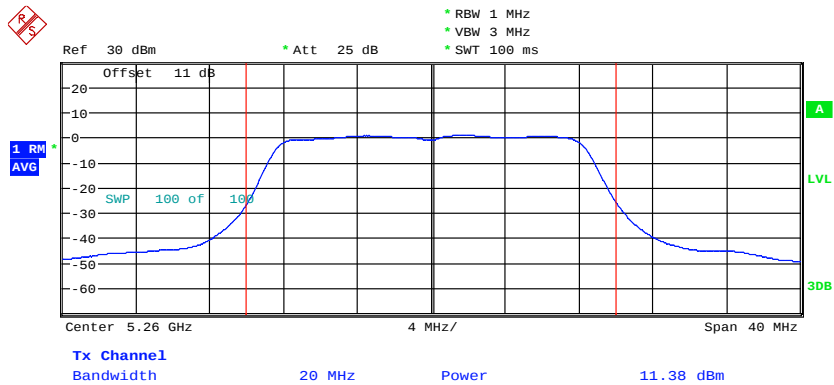
MAXIMUM CONDUCTED POWER ANT1\_ax80\_CH42  
Date: 25.FEB.2025 15:22:51



Registration number: W6M22405-23479-C-55

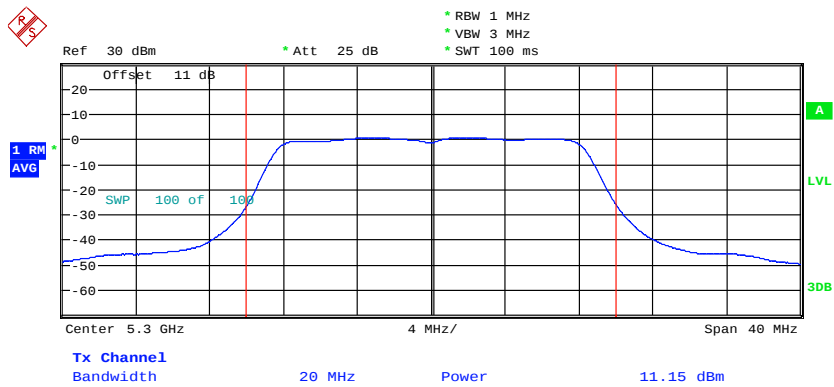
FCC ID: 2AG3J-WRPT50001

**5.25 GHz ~ 5.35 GHz**



MAXIMUM CONDUCTED POWER ANT1\_11aCH52

Date: 25.FEB.2025 13:37:24

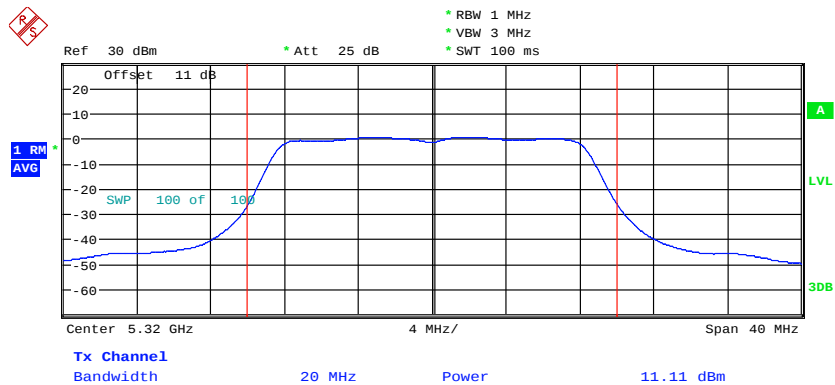


MAXIMUM CONDUCTED POWER ANT1\_11aCH60

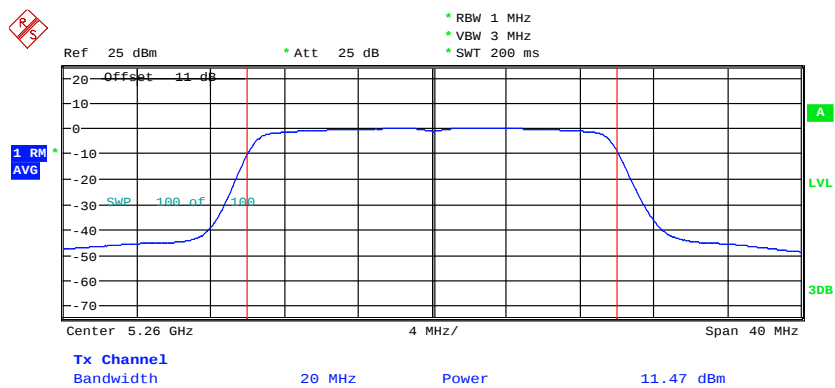
Date: 25.FEB.2025 13:38:25



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



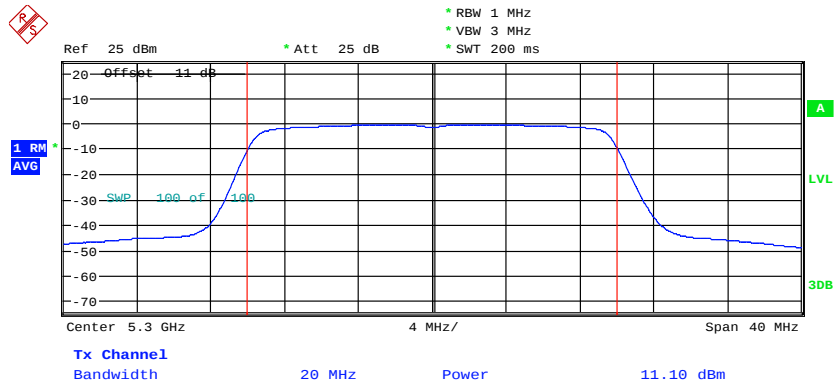
MAXIMUM CONDUCTED POWER ANT1\_11aCH64  
Date: 25.FEB.2025 13:39:26



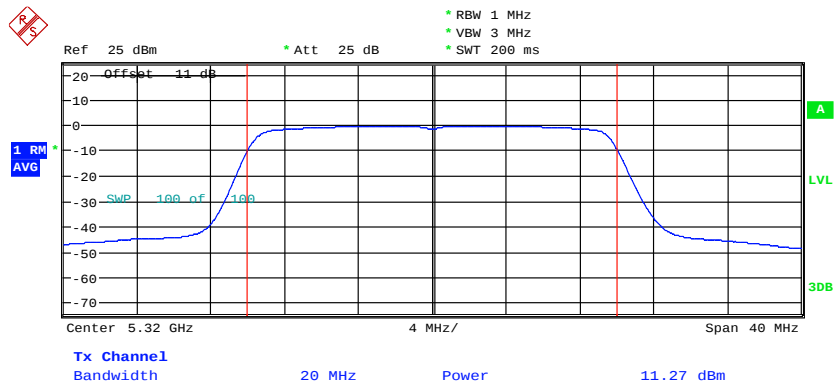
MAXIMUM CONDUCTED POWER ANT1\_ax20\_CH52  
Date: 25.FEB.2025 15:07:32



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



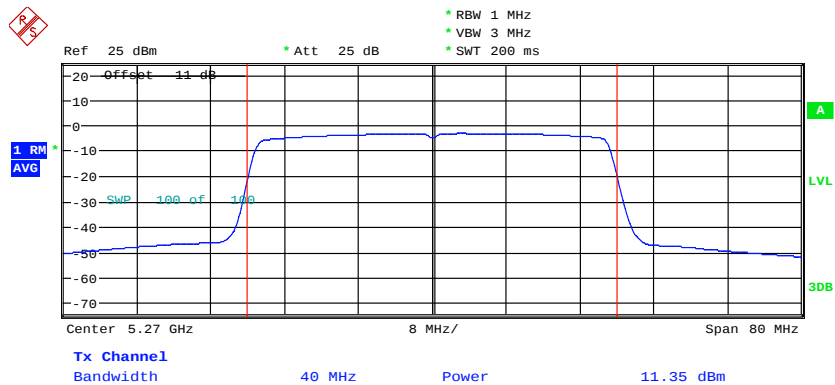
MAXIMUM CONDUCTED POWER ANT1\_ax20\_CH60  
Date: 25.FEB.2025 15:08:09



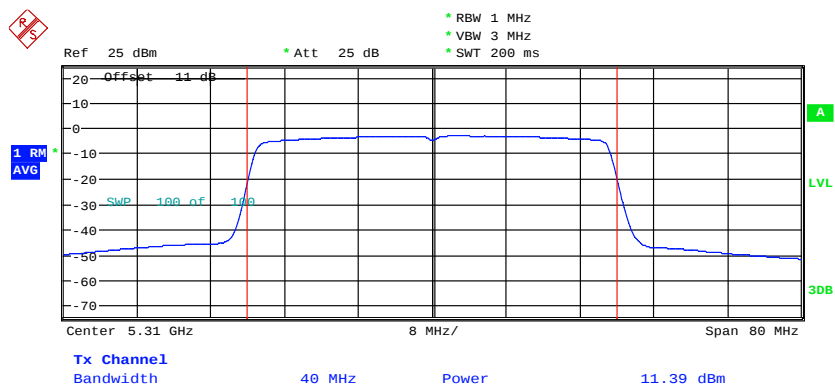
MAXIMUM CONDUCTED POWER ANT1\_ax20\_CH64  
Date: 25.FEB.2025 15:08:52



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



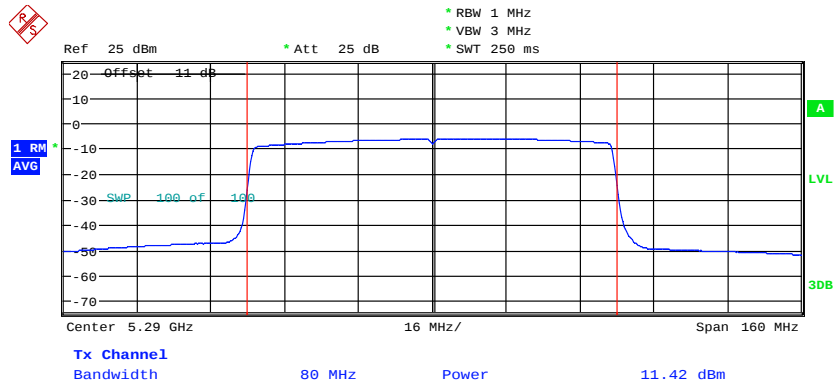
MAXIMUM CONDUCTED POWER ANT1\_ax40\_CH54  
Date: 25.FEB.2025 15:11:05



MAXIMUM CONDUCTED POWER ANT1\_ax40\_CH62  
Date: 25.FEB.2025 15:11:52

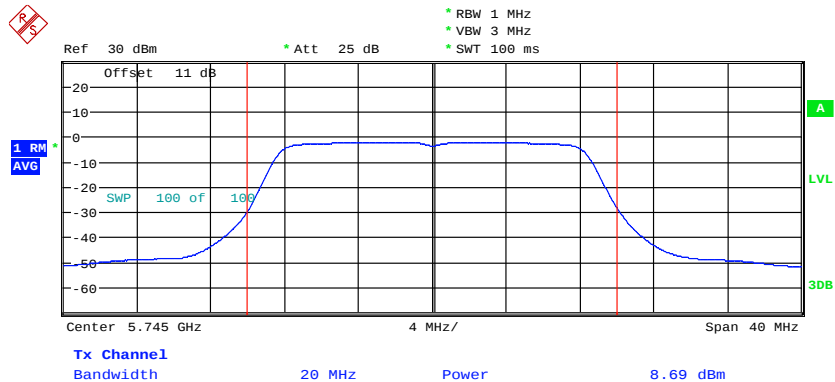


Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



MAXIMUM CONDUCTED POWER ANT1\_ax80\_CH58  
Date: 25.FEB.2025 15:24:01

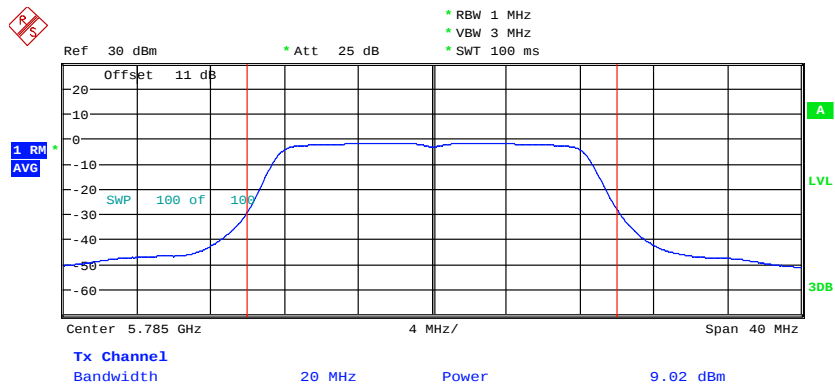
## ANT 2 5.725 GHz ~ 5.85 GHz



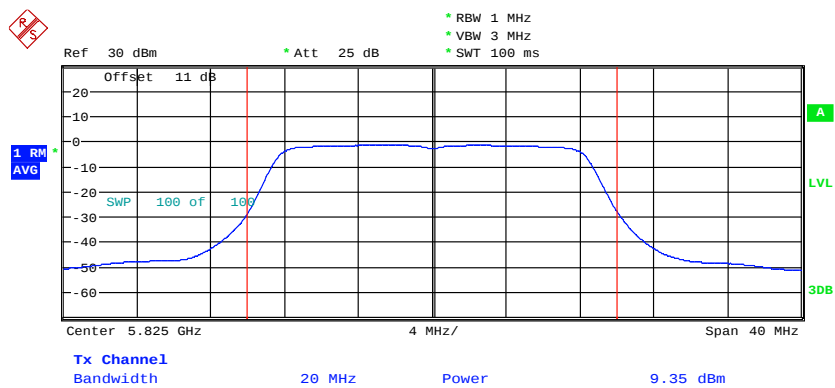
MAXIMUM CONDUCTED POWER ANT2\_11aCH149  
Date: 25.FEB.2025 17:40:31



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



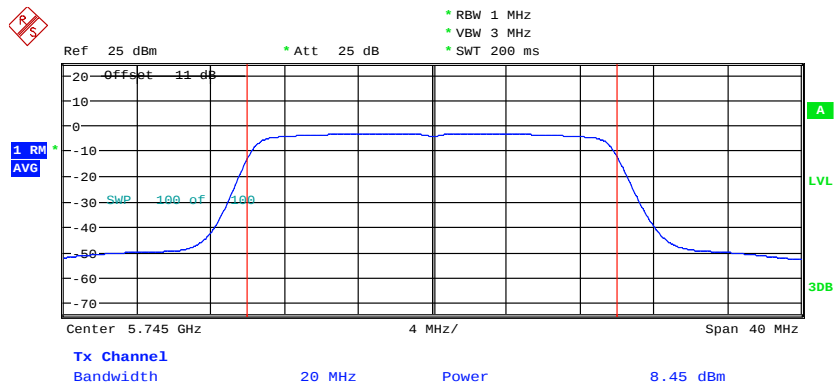
MAXIMUM CONDUCTED POWER ANT2\_11aCH157  
Date: 25.FEB.2025 17:42:06



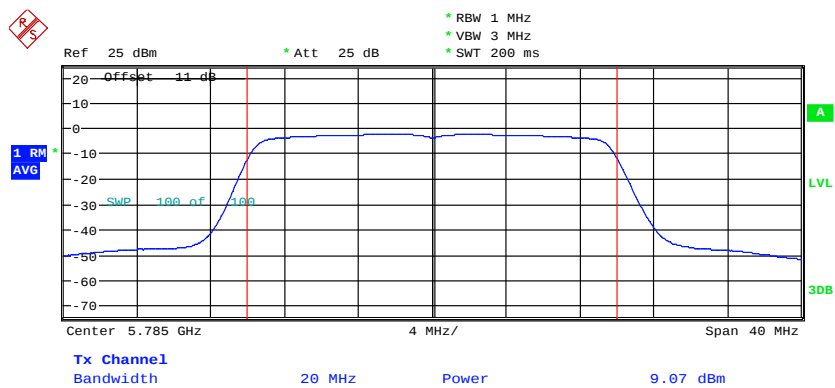
MAXIMUM CONDUCTED POWER ANT2\_11aCH165  
Date: 25.FEB.2025 17:43:14



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



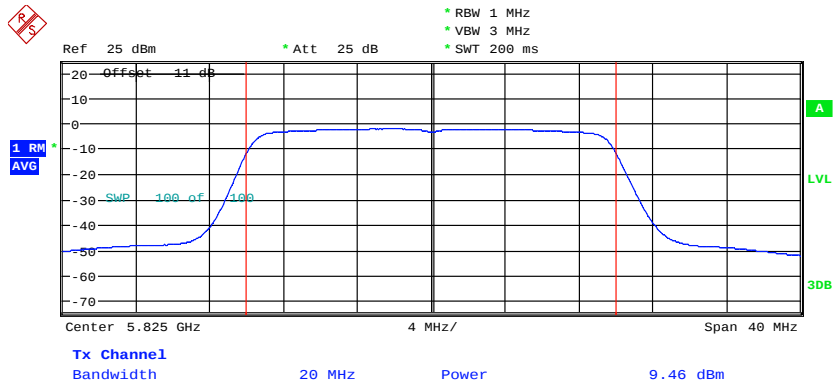
MAXIMUM CONDUCTED POWER ANT2\_ax20\_CH149  
Date: 25.FEB.2025 17:24:33



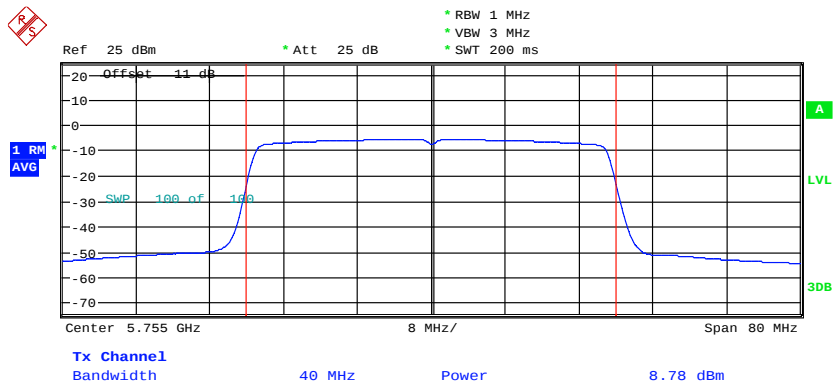
MAXIMUM CONDUCTED POWER ANT2\_ax20\_CH157  
Date: 25.FEB.2025 17:25:45



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



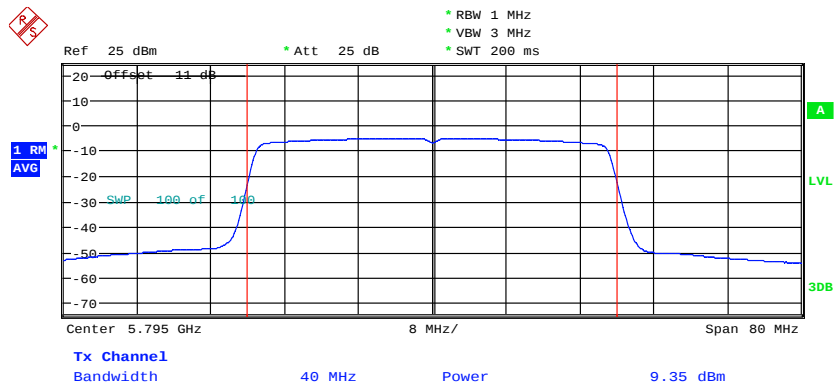
MAXIMUM CONDUCTED POWER ANT2\_ax20\_CH165  
Date: 25.FEB.2025 17:26:24



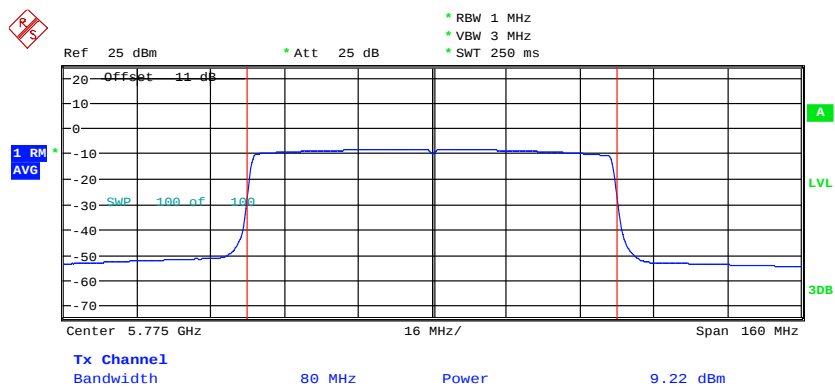
MAXIMUM CONDUCTED POWER ANT2\_ax40\_CH151  
Date: 25.FEB.2025 17:27:51



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



MAXIMUM CONDUCTED POWER ANT2\_ax40\_CH159  
Date: 25.FEB.2025 17:28:28



MAXIMUM CONDUCTED POWER ANT2\_ax80\_CH155  
Date: 25.FEB.2025 17:31:18



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

### 3.2 26dB emission bandwidth, 99% Occupied Bandwidth, FCC 15.407 (a)

According to §15.407(a). No Limit required.

Result:

Test date: October 04, 2024-October 06, 2024

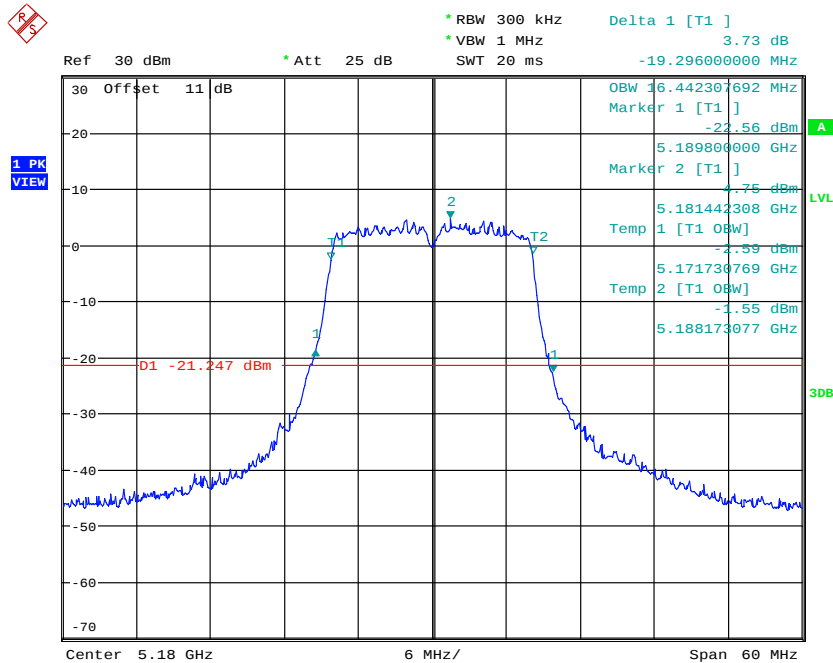
Temperature: 26.8 °C

Humidity: 56.3 %

Tester: Sora

ANT 1

5.15 GHz ~ 5.25 GHz

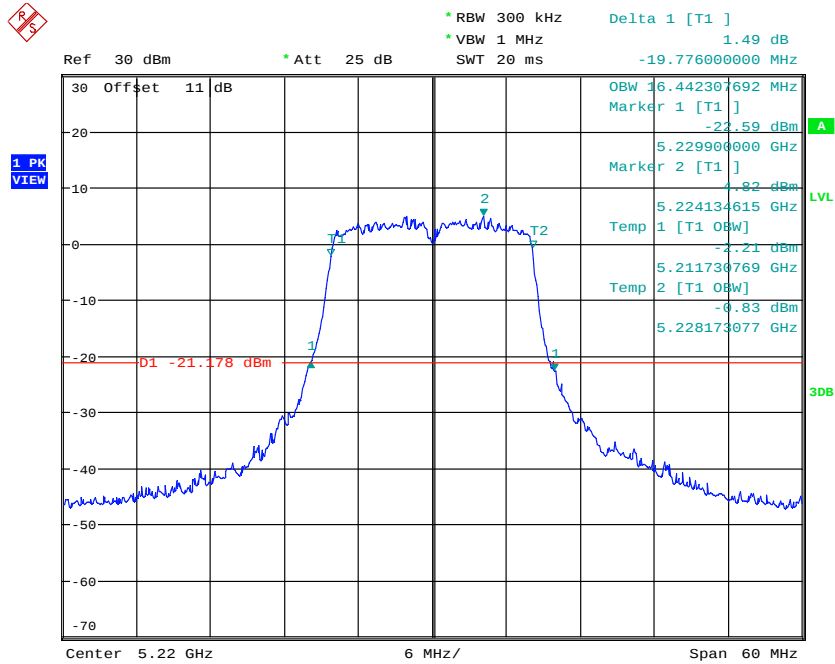


99% OBW & 26DB BANDWIDTH ANT1\_11a\_CH36

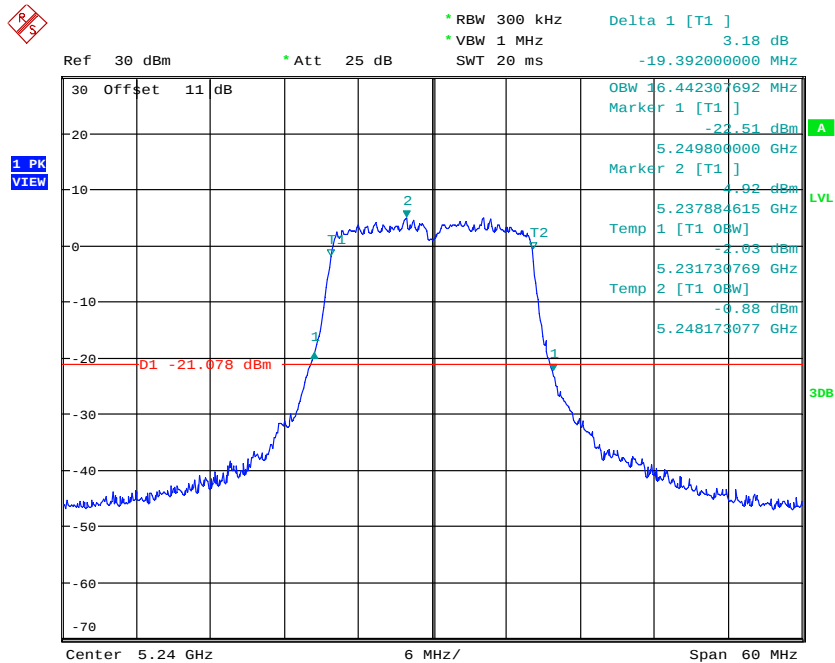
Date: 4.OCT.2024 15:21:15



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



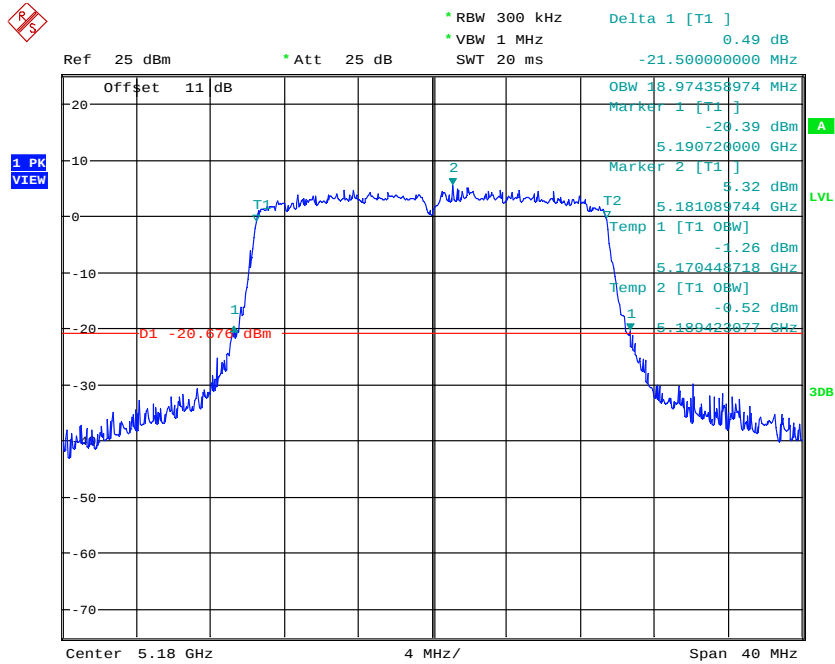
99% OBW & 26DB BANDWIDTH ANT1\_11a\_CH44  
Date: 4.OCT.2024 15:22:21



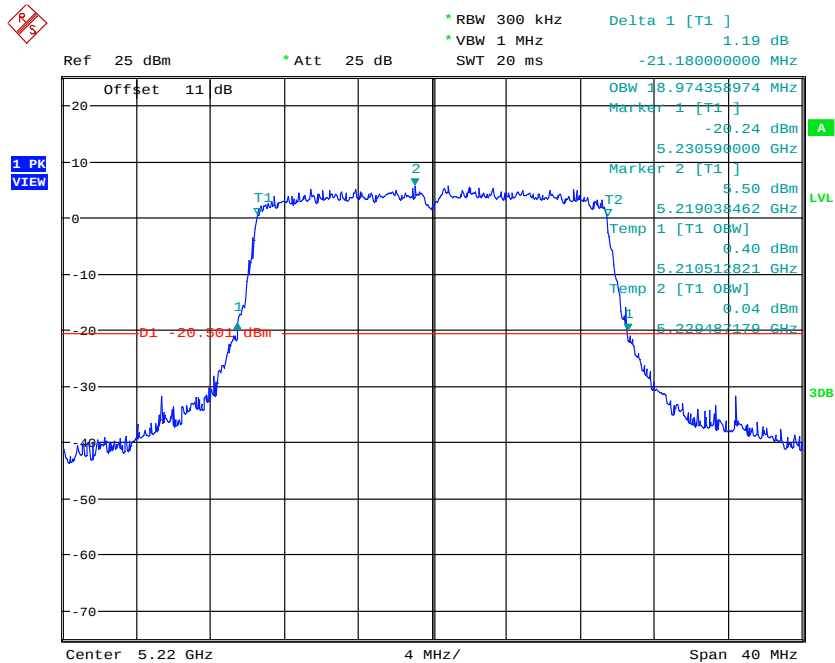
99% OBW & 26DB BANDWIDTH ANT1\_11a\_CH48  
Date: 4.OCT.2024 15:23:32



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



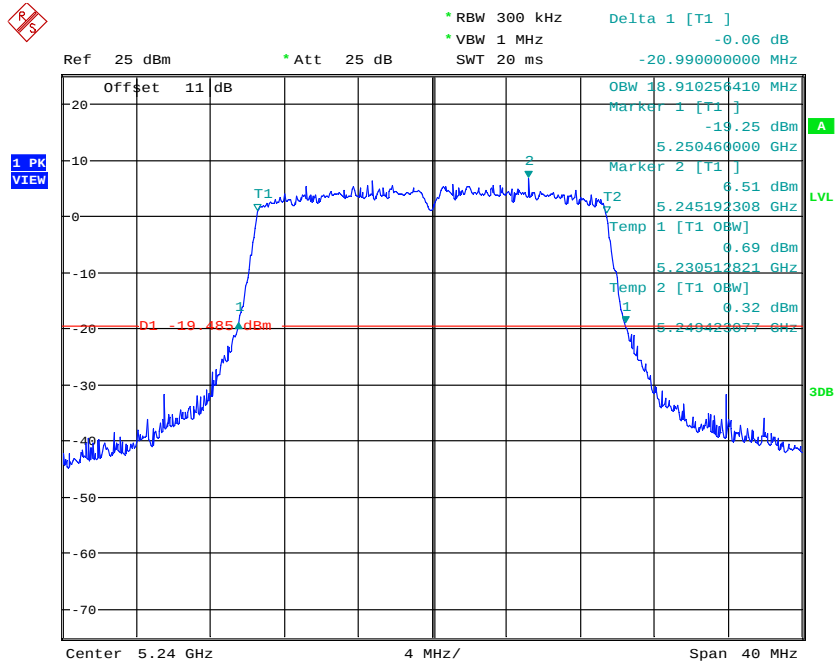
99% OBW& 26dB Bandwidth ANT\_1\_ax20\_CH36  
Date: 6.OCT.2024 09:29:59



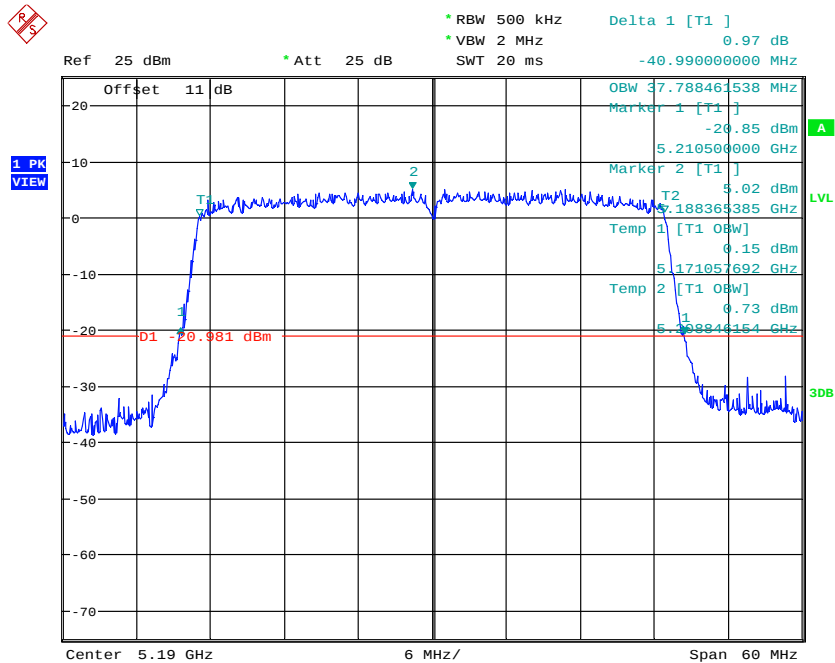
99% OBW& 26dB Bandwidth ANT\_1\_ax20\_CH44  
Date: 6.OCT.2024 09:22:18



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



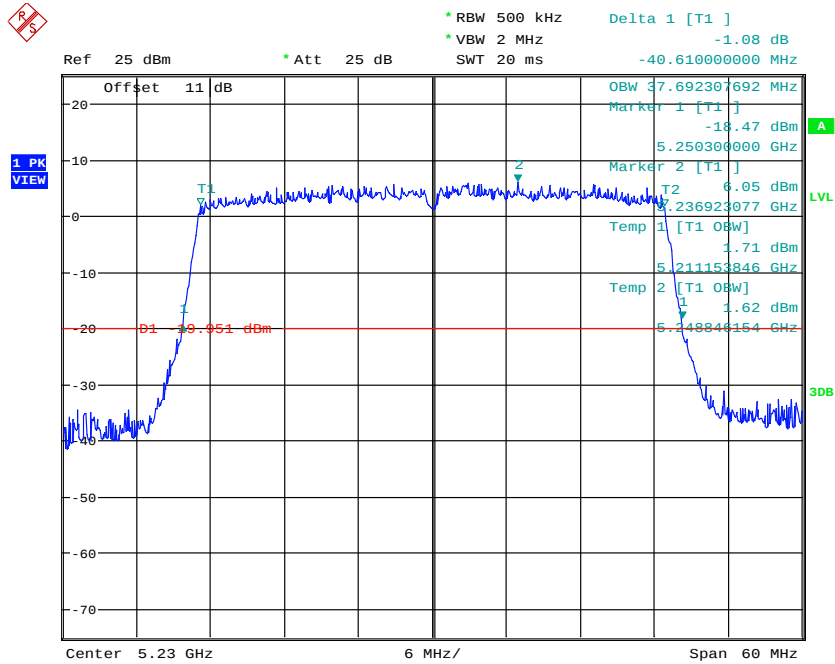
99% OBW& 26dB Bandwidth ANT\_1\_ax20\_CH48  
Date: 6.OCT.2024 09:24:57



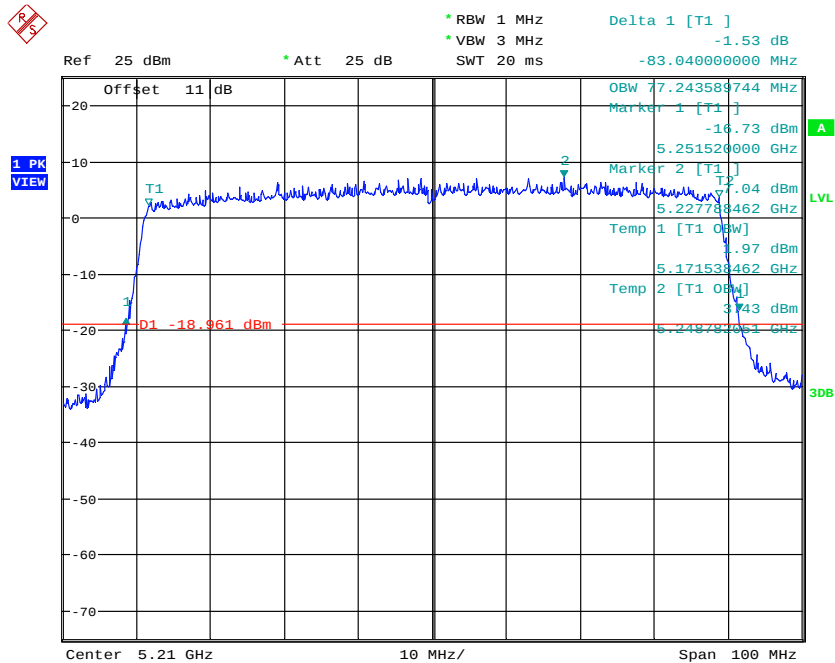
99% OBW& 26dB Bandwidth ANT\_1\_ax40\_CH38  
Date: 6.OCT.2024 09:31:23



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



99% OBW & 26dB Bandwidth ANT\_1\_ax40\_CH46  
Date: 6.OCT.2024 09:32:52



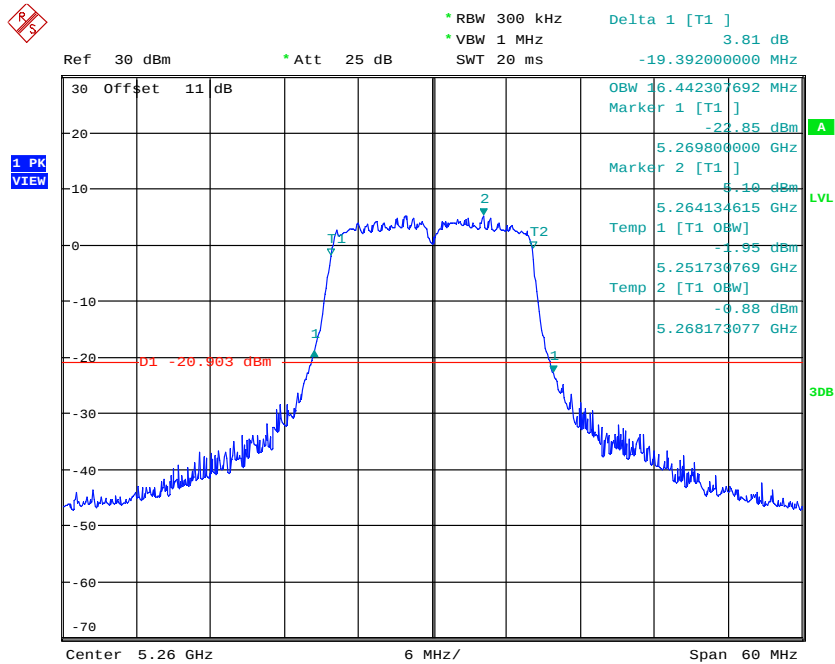
99% OBW & 26dB Bandwidth ANT\_1\_ax80\_CH42  
Date: 6.OCT.2024 09:34:52



Registration number: W6M22405-23479-C-55

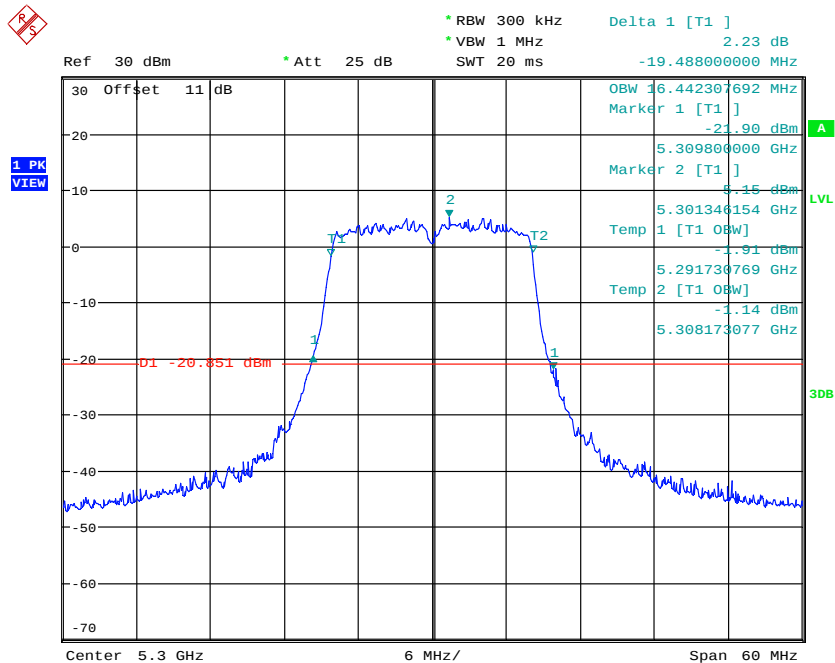
FCC ID: 2AG3J-WRPT50001

## 5.25 GHz ~ 5.35 GHz



99% OBW & 26DB BANDWIDTH ANT1\_11a\_CH52

Date: 4.OCT.2024 15:29:02

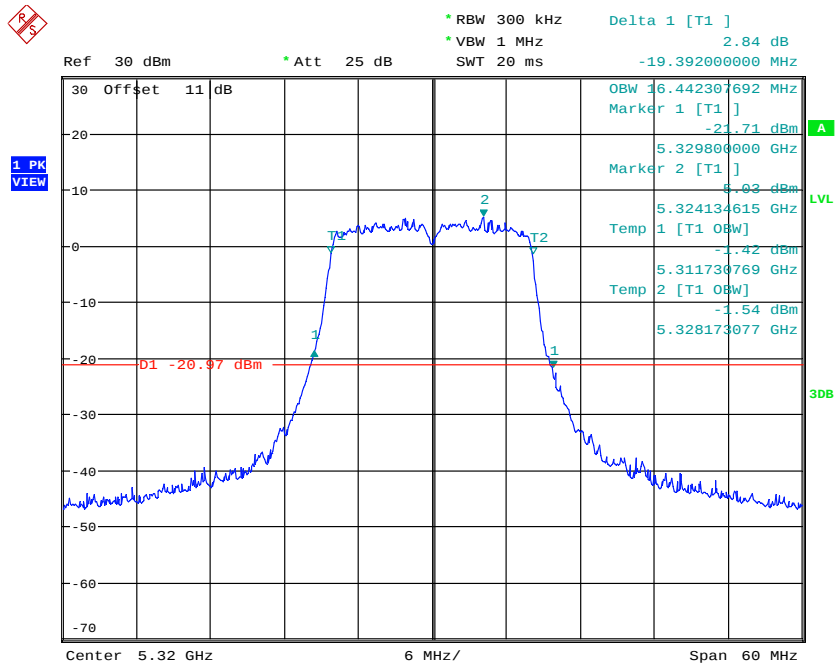


99% OBW & 26DB BANDWIDTH ANT1\_11a\_CH60

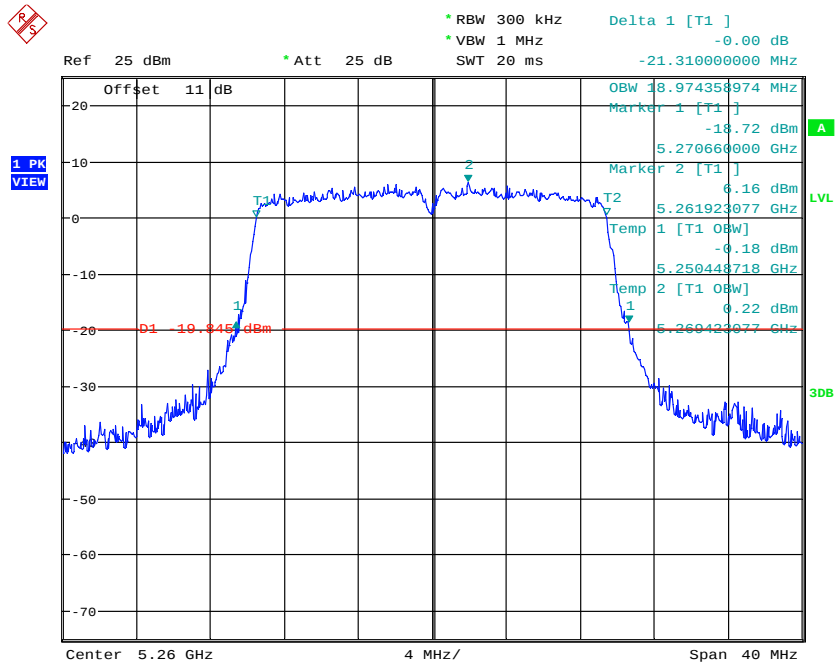
Date: 4.OCT.2024 15:30:08



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



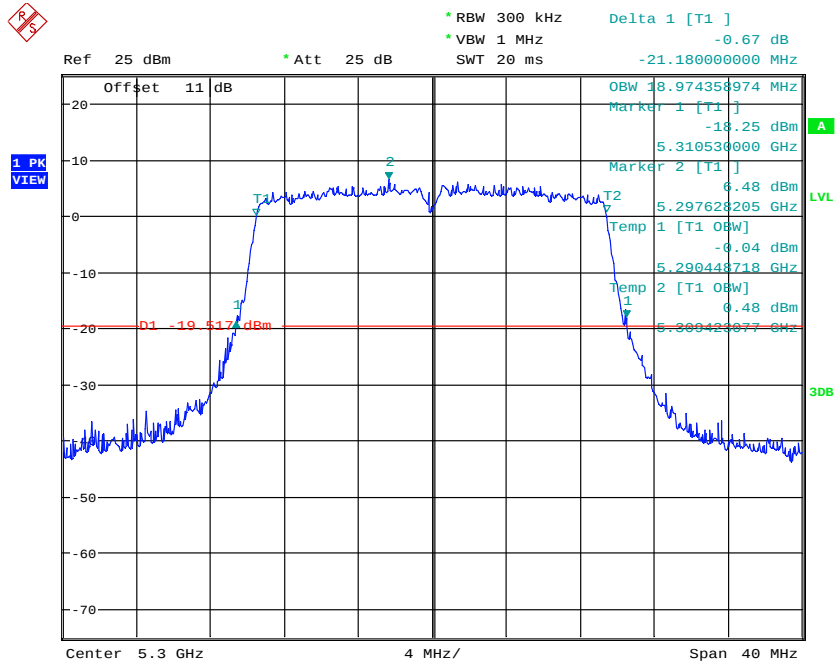
99% OBW & 26DB BANDWIDTH ANT1\_11a\_CH64  
Date: 4.OCT.2024 15:31:25



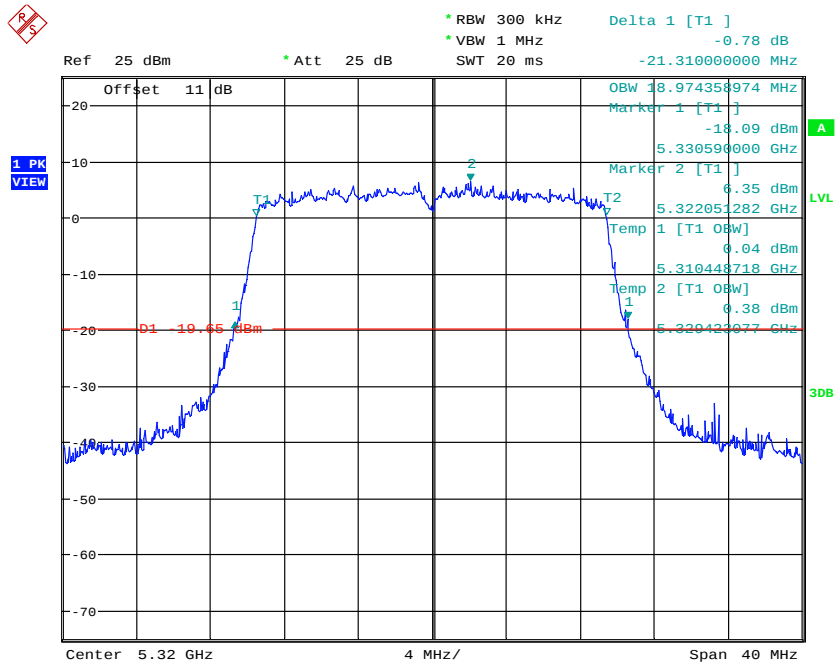
99% OBW & 26dB Bandwidth ANT\_1\_ax20\_CH52  
Date: 6.OCT.2024 09:45:44



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



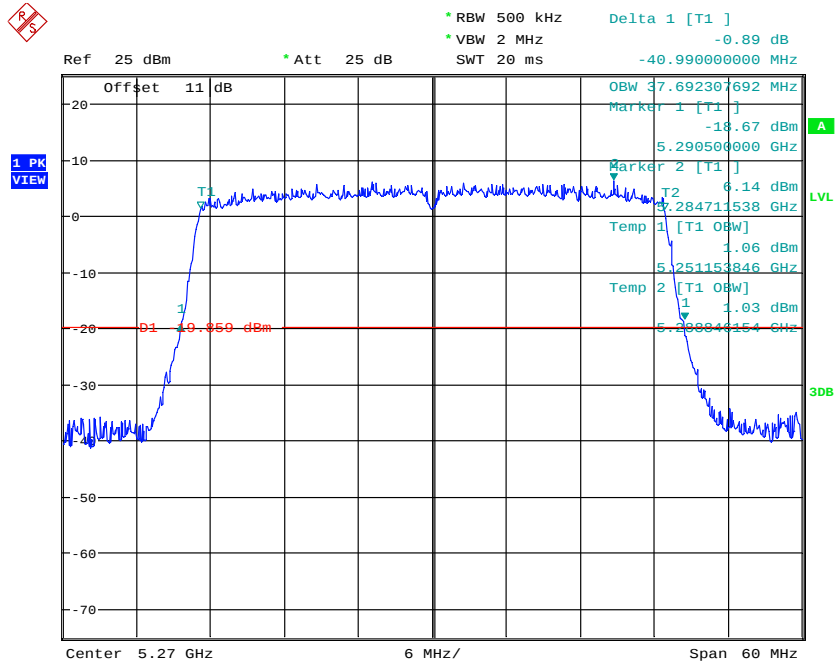
99% OBW& 26dB Bandwidth ANT\_1\_ax20\_CH60  
Date: 6.OCT.2024 09:52:09



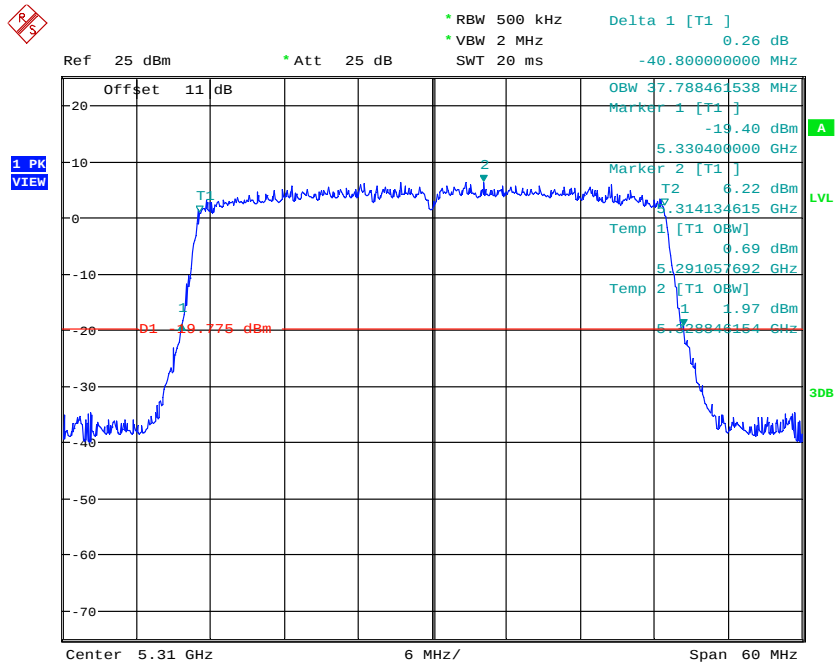
99% OBW& 26dB Bandwidth ANT\_1\_ax20\_CH64  
Date: 6.OCT.2024 09:48:57



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



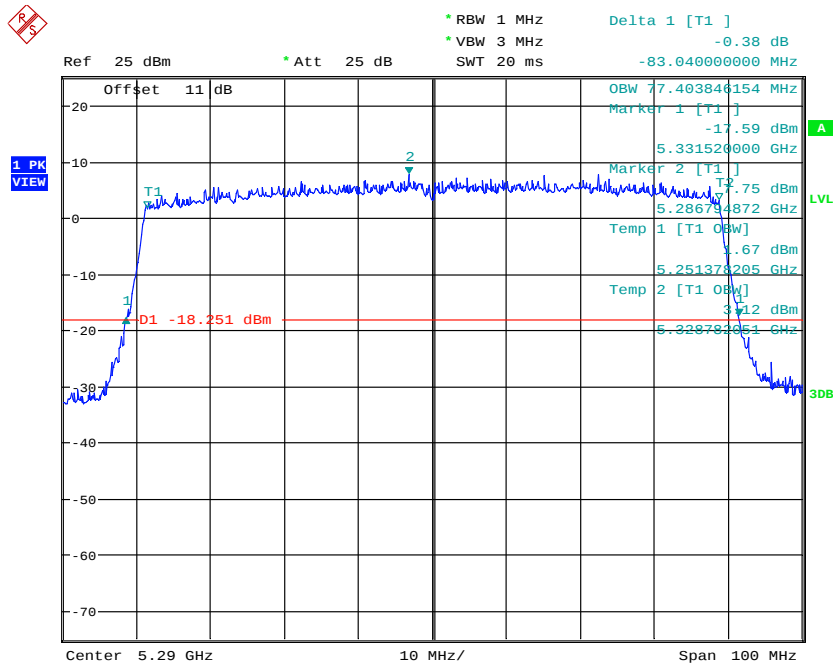
99% OBW& 26dB Bandwidth ANT\_1\_ax40\_CH54  
Date: 6.OCT.2024 09:42:24



99% OBW& 26dB Bandwidth ANT\_1\_ax40\_CH62  
Date: 6.OCT.2024 09:44:01

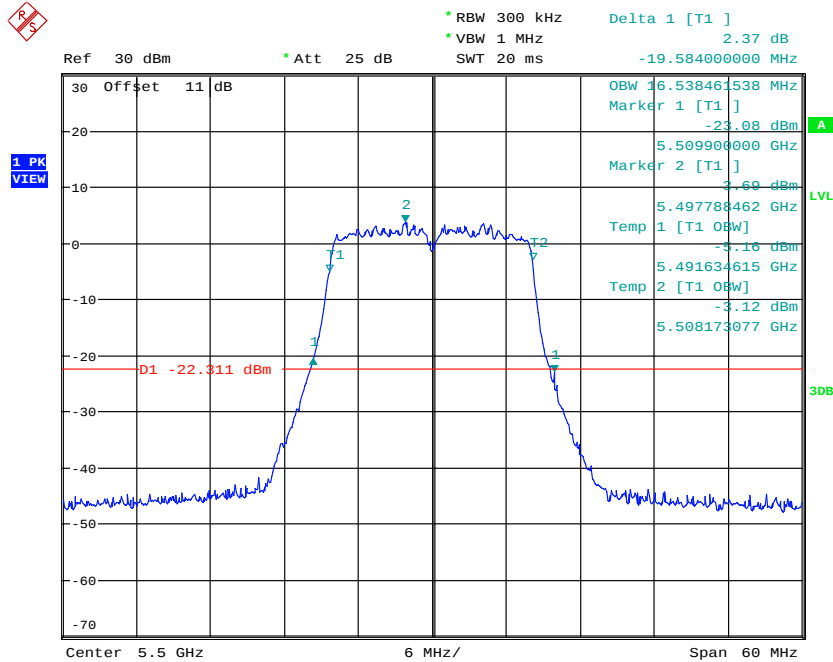


Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



99% OBW & 26dB Bandwidth ANT\_1\_ax80\_CH58  
Date: 6.OCT.2024 09:40:40

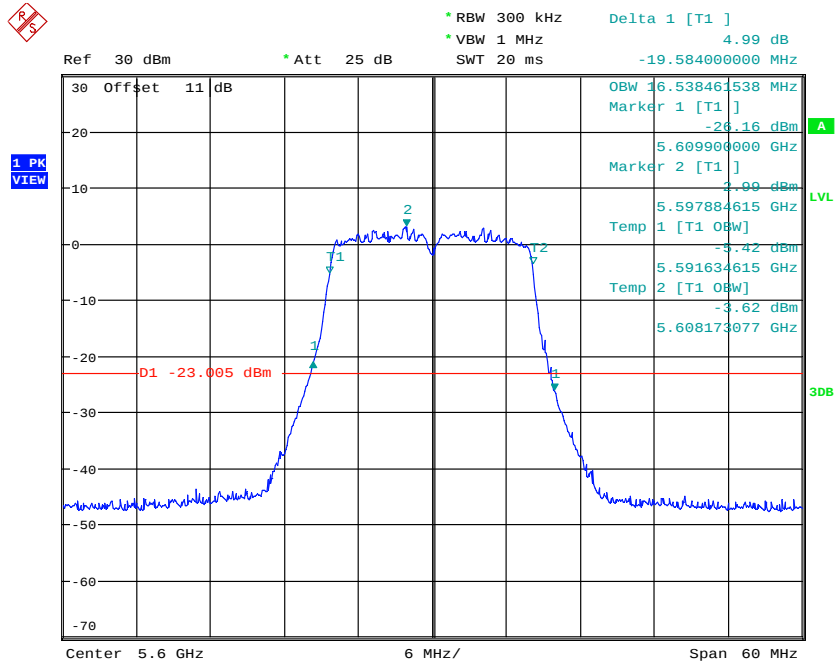
## 5.47 GHz ~ 5.725 GHz



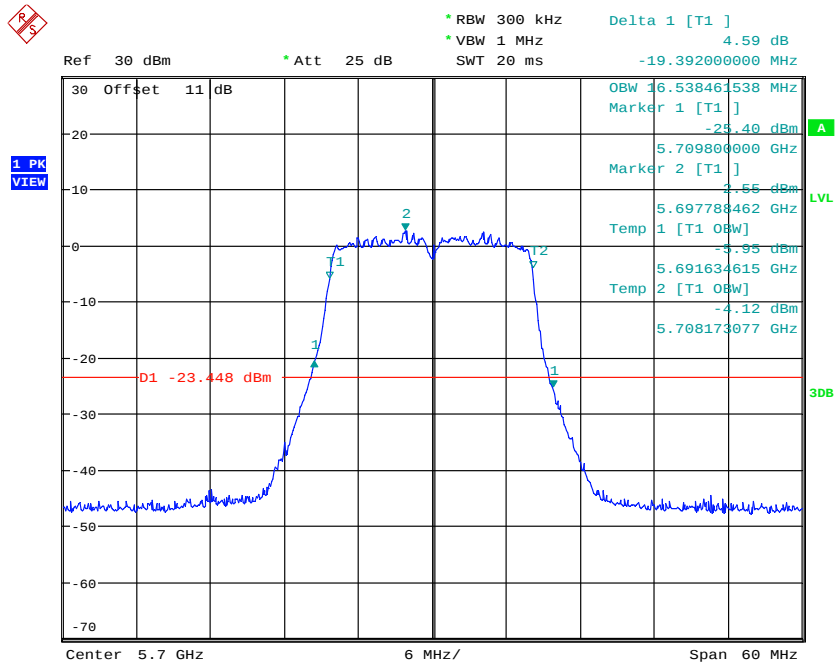
99% OBW & 26DB BANDWIDTH ANT1\_11a\_CH100  
Date: 4.OCT.2024 15:33:48



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



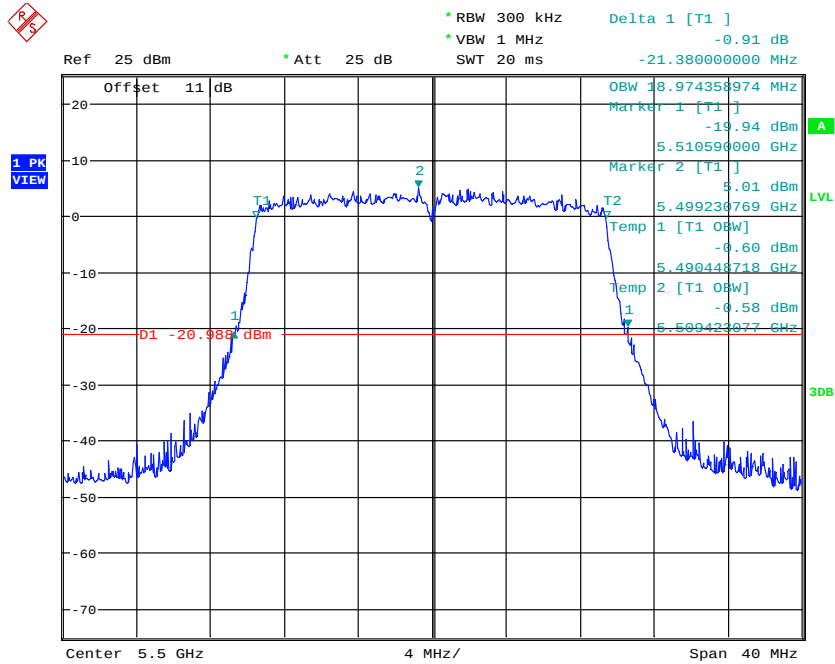
99% OBW & 26DB BANDWIDTH ANT1\_11a\_CH120  
Date: 4.OCT.2024 15:34:54



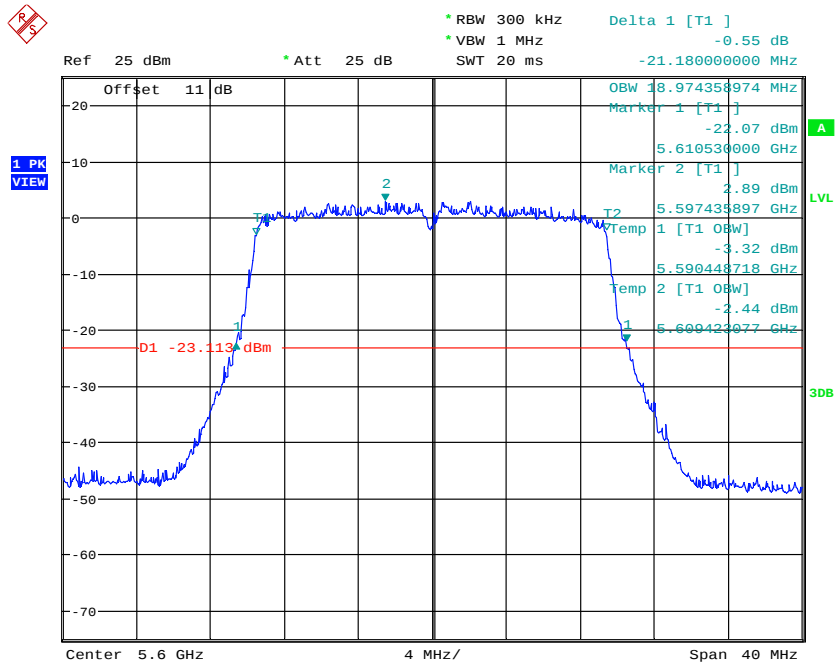
99% OBW & 26DB BANDWIDTH ANT1\_11a\_CH140  
Date: 4.OCT.2024 15:36:06



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



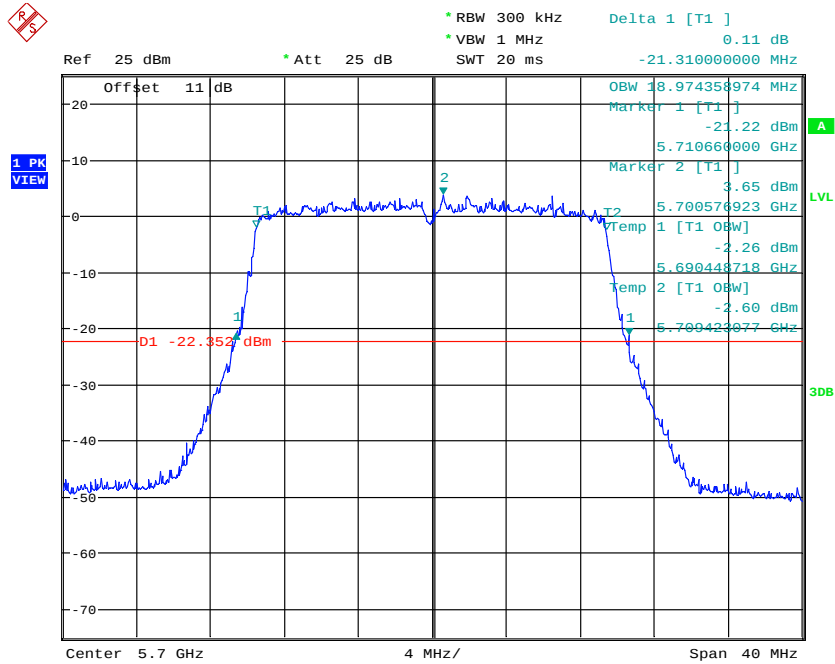
99% OBW& 26dB Bandwidth ANT\_1\_ax20\_CH100  
Date: 6.OCT.2024 09:55:17



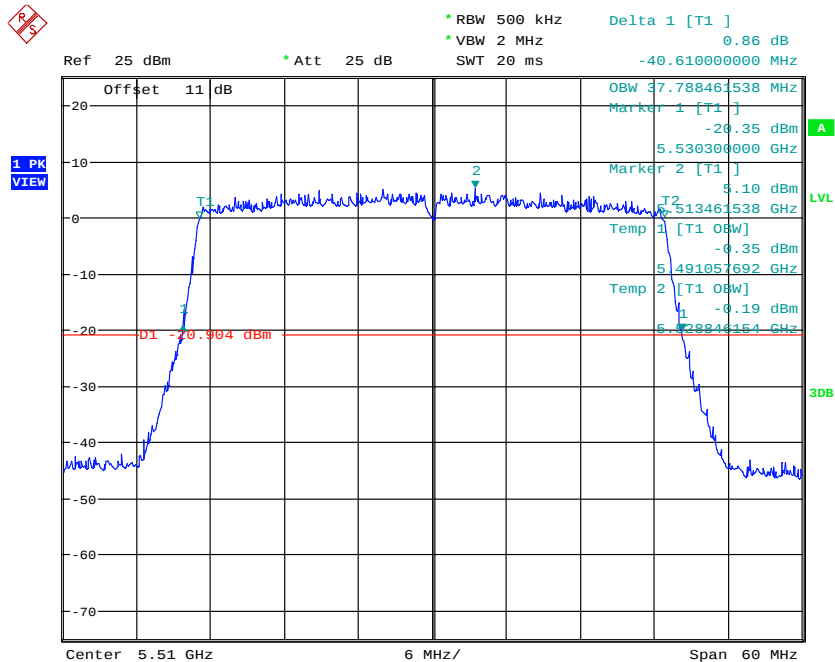
99% OBW& 26dB Bandwidth ANT\_1\_ax20\_CH120  
Date: 6.OCT.2024 09:56:43



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



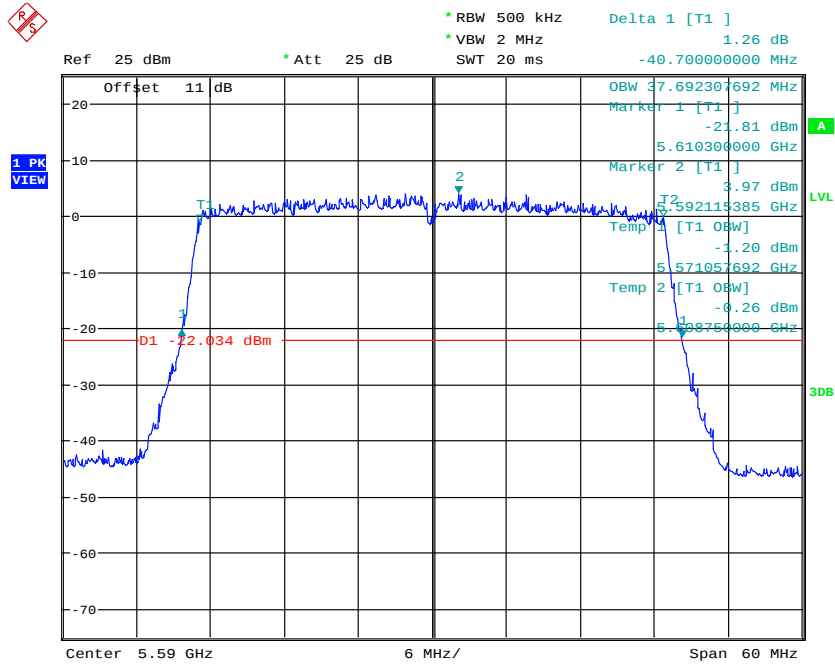
99% OBW& 26dB Bandwidth ANT\_1\_ax20\_CH140  
Date: 6.OCT.2024 09:58:13



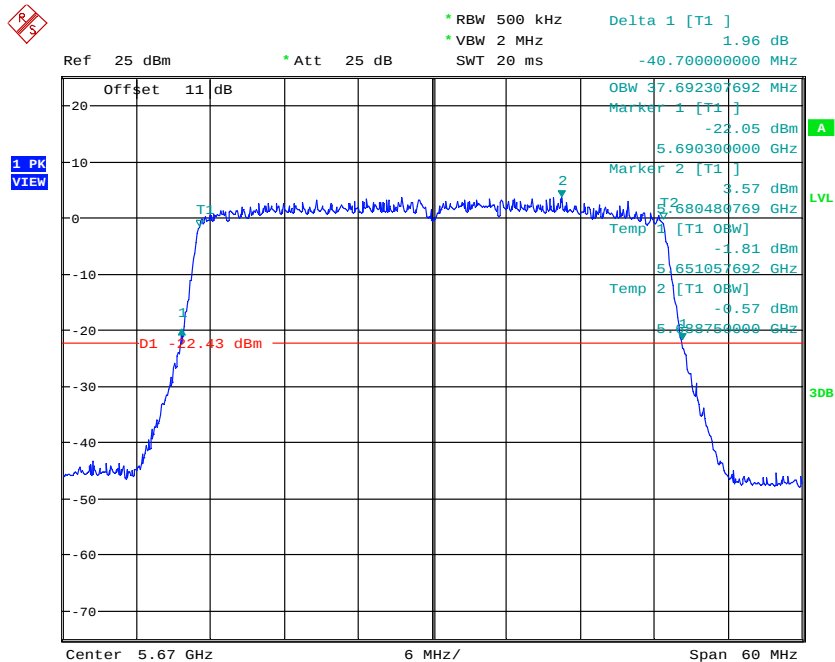
99% OBW& 26dB Bandwidth ANT\_1\_ax40\_CH102  
Date: 6.OCT.2024 09:59:54



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



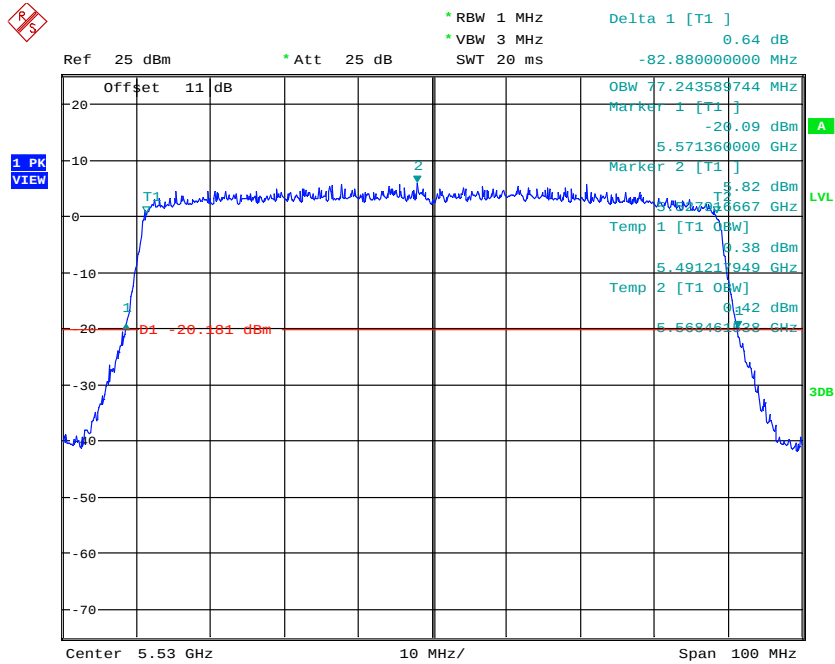
99% OBW& 26dB Bandwidth ANT\_1\_ax40\_CH118  
Date: 6.OCT.2024 10:01:29



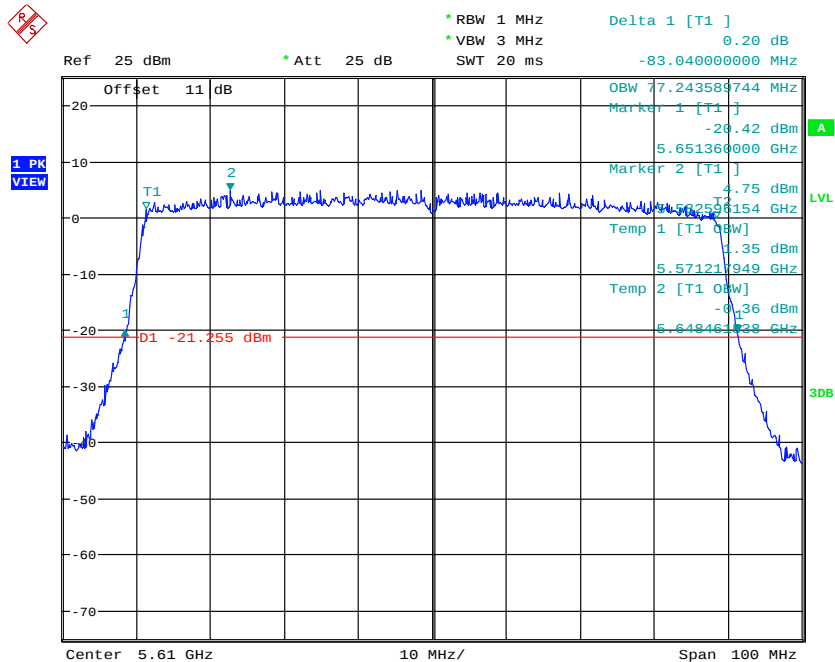
99% OBW& 26dB Bandwidth ANT\_1\_ax40\_CH134  
Date: 6.OCT.2024 10:03:19



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



99% OBW& 26dB Bandwidth ANT\_1\_ax80\_CH106  
Date: 6.OCT.2024 10:05:39



99% OBW& 26dB Bandwidth ANT\_1\_ax80\_CH122  
Date: 6.OCT.2024 10:07:51

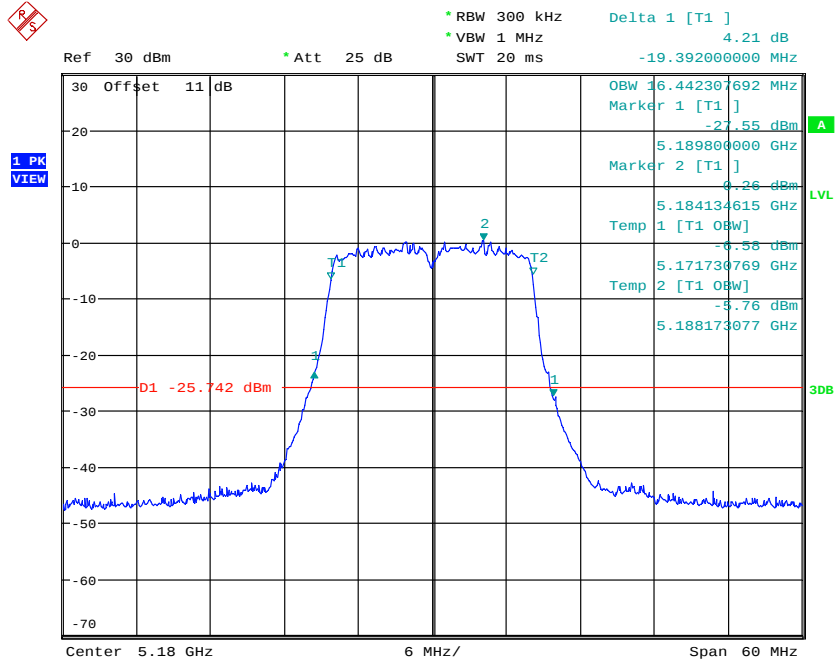


Registration number: W6M22405-23479-C-55

FCC ID: 2AG3J-WRPT50001

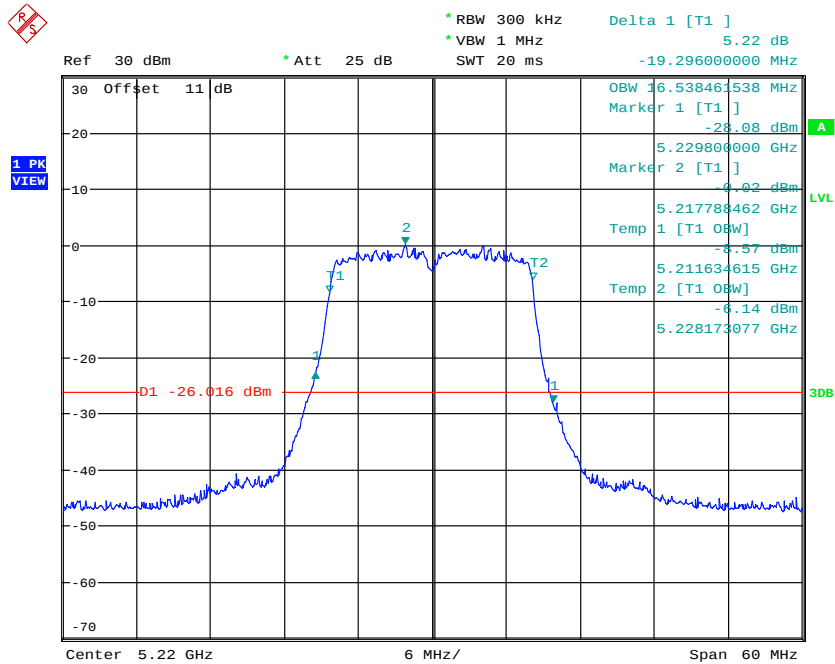
**ANT 2**

**5.15 GHz ~ 5.25 GHz**



99% OBW & 26DB BANDWIDTH ANT2\_11a\_CH36

Date: 4.OCT.2024 15:54:20

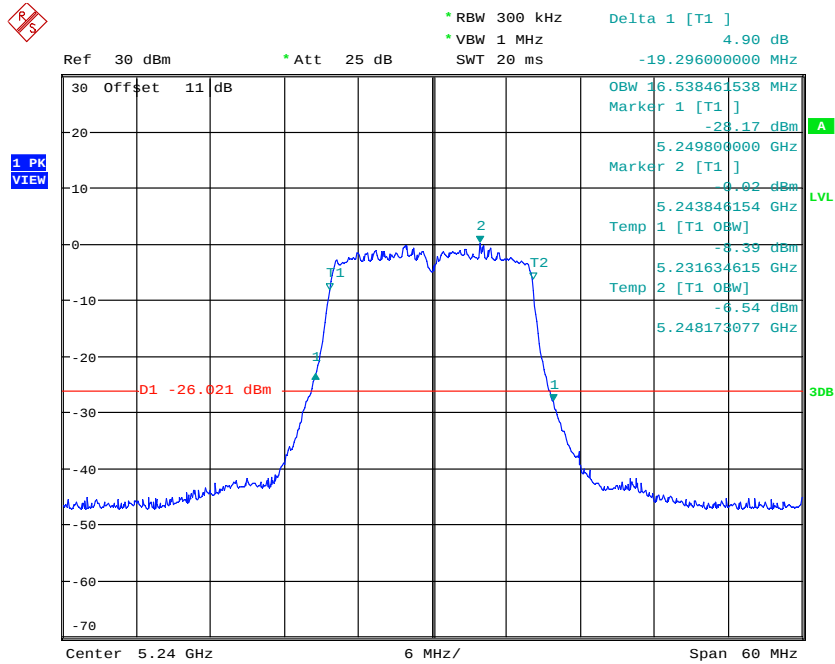


99% OBW & 26DB BANDWIDTH ANT2\_11a\_CH44

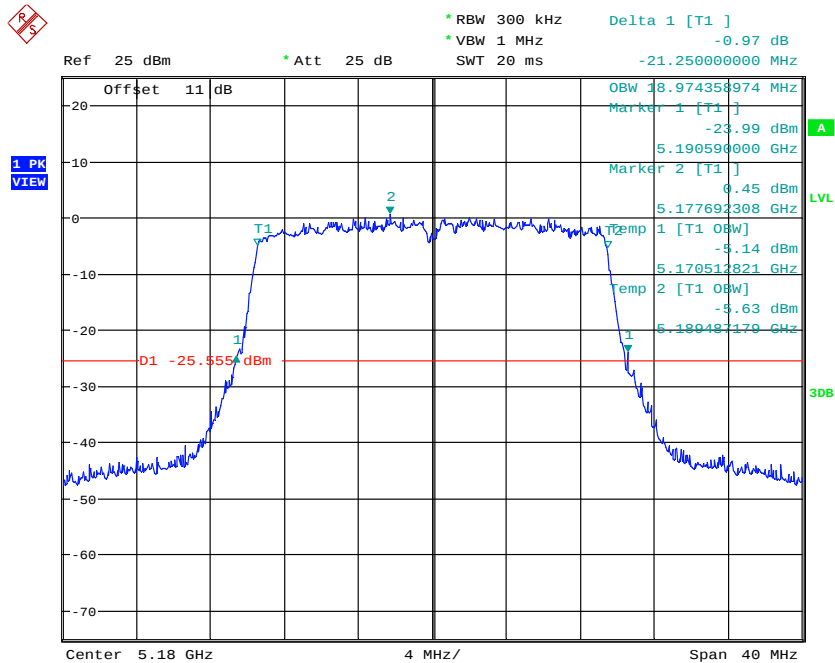
Date: 4.OCT.2024 15:56:05



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



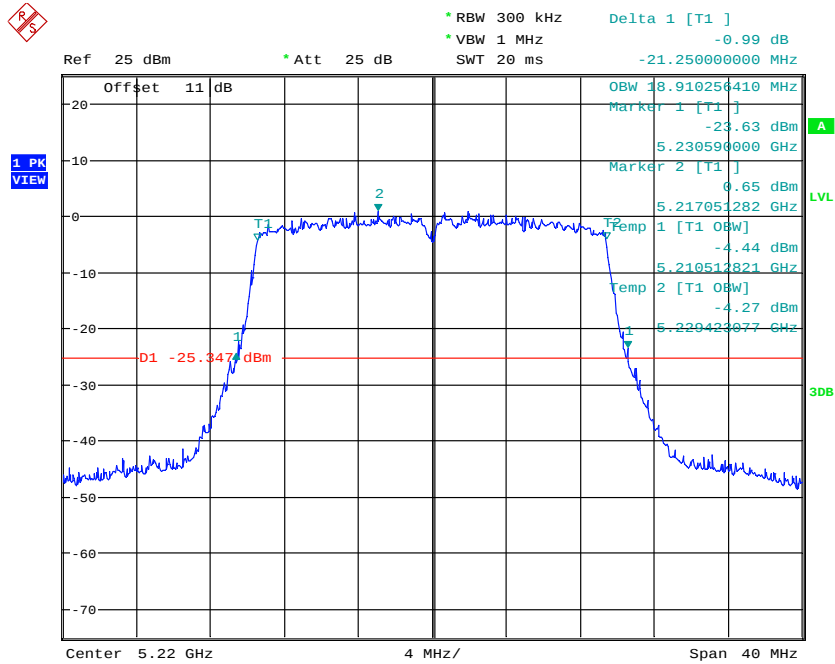
99% OBW & 26DB BANDWIDTH ANT2\_11a\_CH48  
Date: 4.OCT.2024 15:57:11



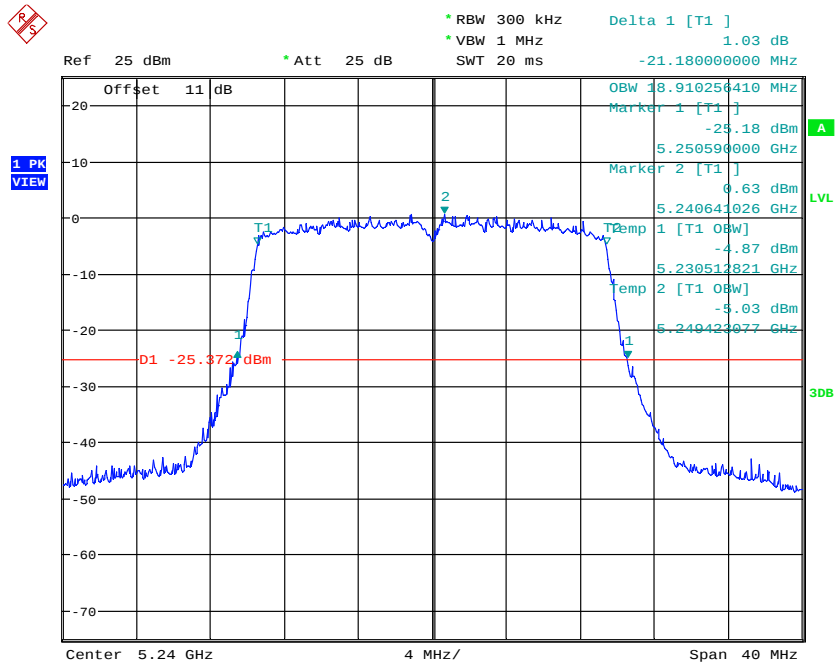
99% OBW & 26dB Bandwidth ANT\_2\_ax20\_CH36  
Date: 6.OCT.2024 09:20:22



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



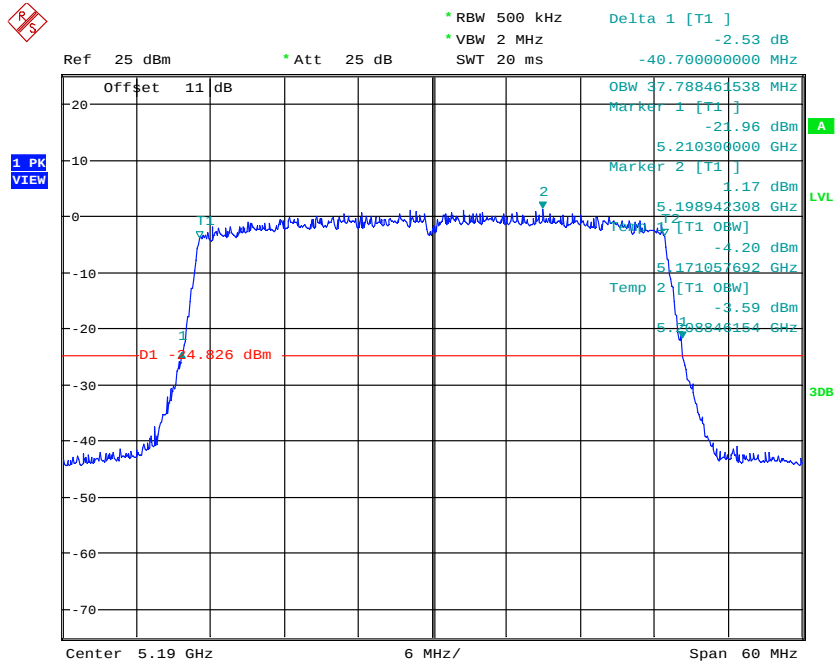
99% OBW& 26dB Bandwidth ANT\_2\_ax20\_CH44  
Date: 6.OCT.2024 09:22:49



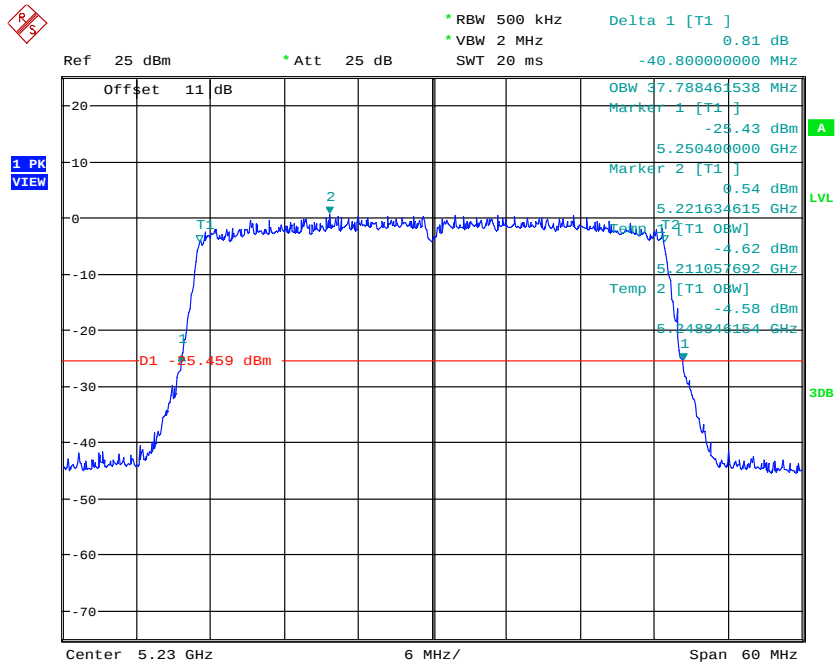
99% OBW& 26dB Bandwidth ANT\_2\_ax20\_CH48  
Date: 6.OCT.2024 09:25:25



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



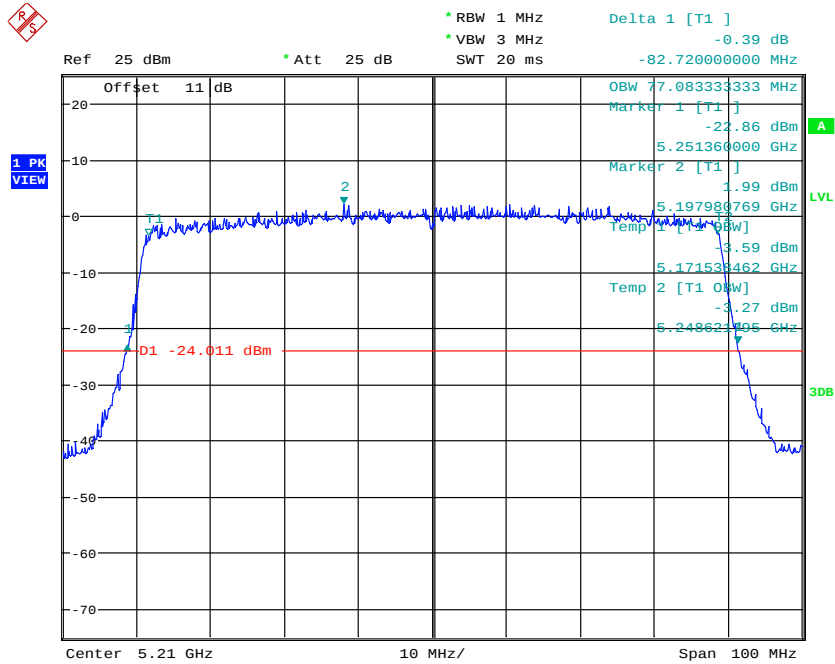
99% OBW& 26dB Bandwidth ANT\_2\_ax40\_CH38  
Date: 6.OCT.2024 09:31:54



99% OBW& 26dB Bandwidth ANT\_2\_ax40\_CH46  
Date: 6.OCT.2024 09:33:19

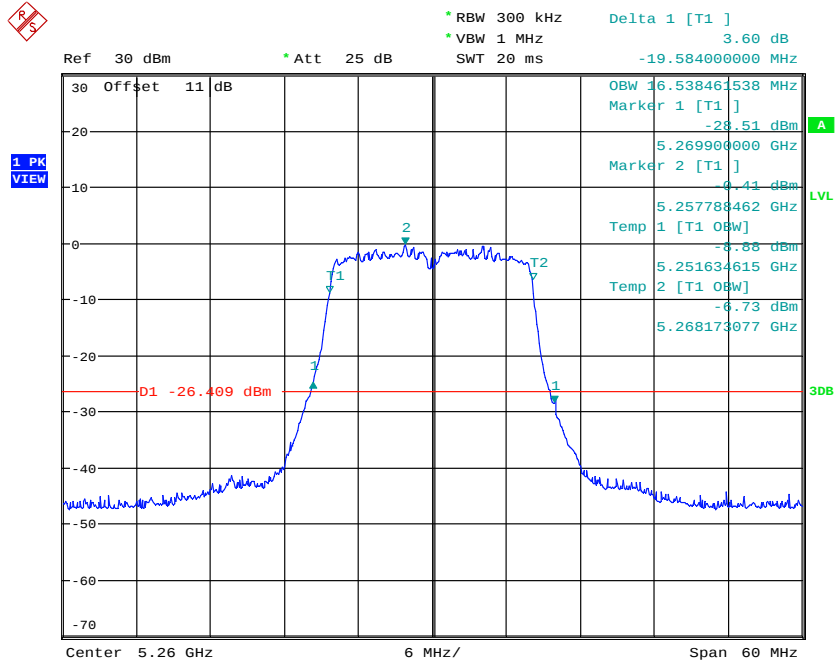


Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



99% OBW& 26dB Bandwidth ANT\_2\_ax80\_CH42  
Date: 6.OCT.2024 09:35:30

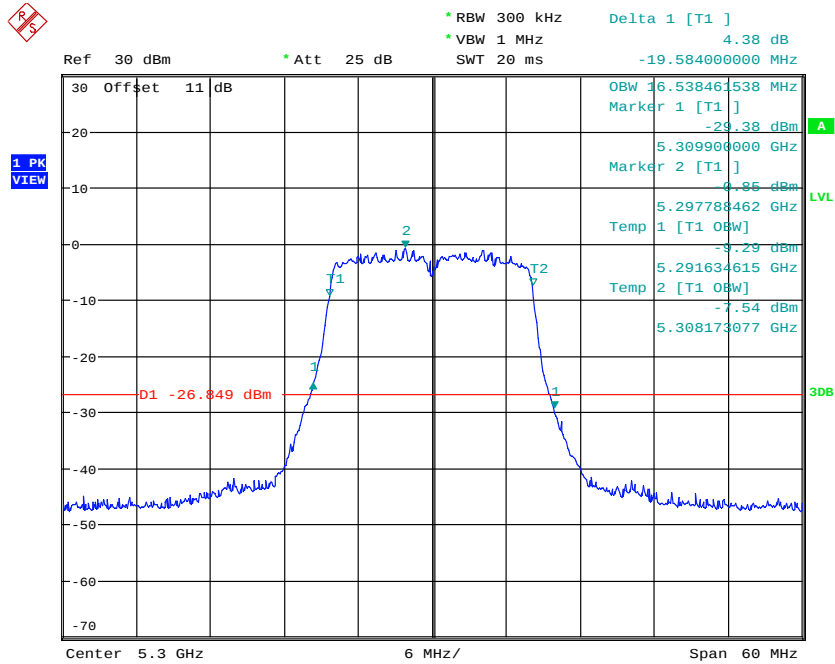
## 5.25 GHz ~ 5.35 GHz



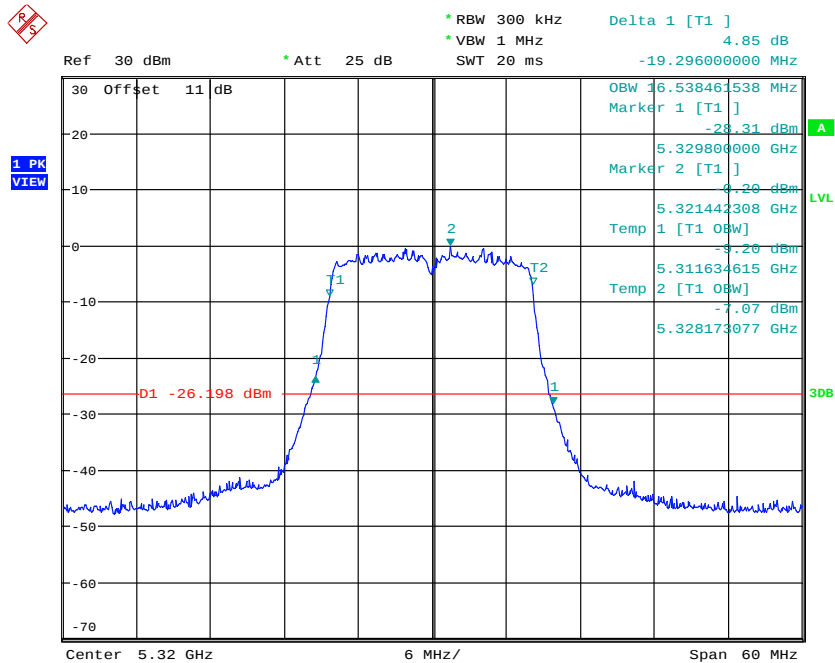
99% OBW & 26DB BANDWIDTH ANT2\_11a\_CH52  
Date: 4.OCT.2024 15:58:39



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



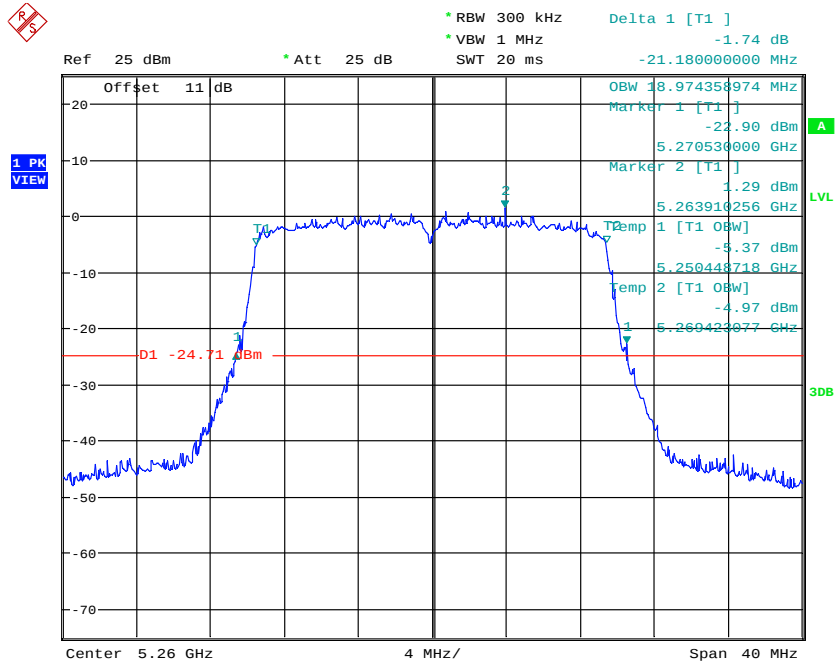
99% OBW & 26DB BANDWIDTH ANT2\_11a\_CH60  
Date: 4.OCT.2024 15:59:45



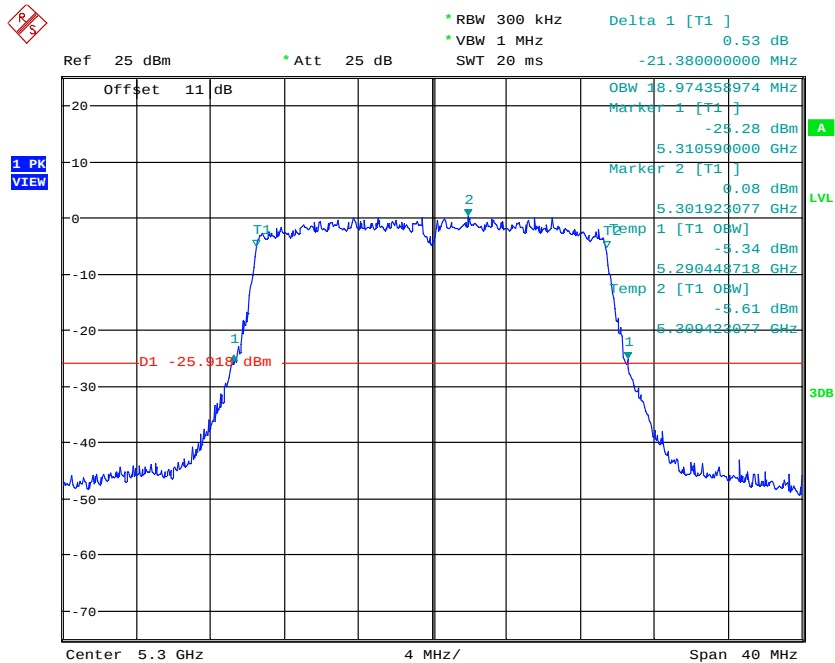
99% OBW & 26DB BANDWIDTH ANT2\_11a\_CH64  
Date: 4.OCT.2024 16:01:13



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



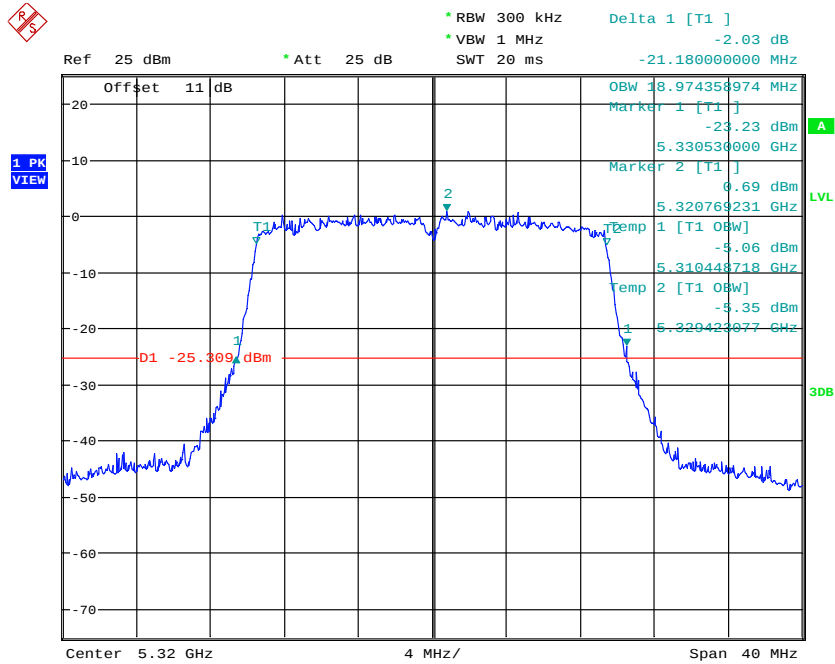
99% OBW& 26dB Bandwidth ANT\_2\_ax20\_CH52  
Date: 6.OCT.2024 09:46:10



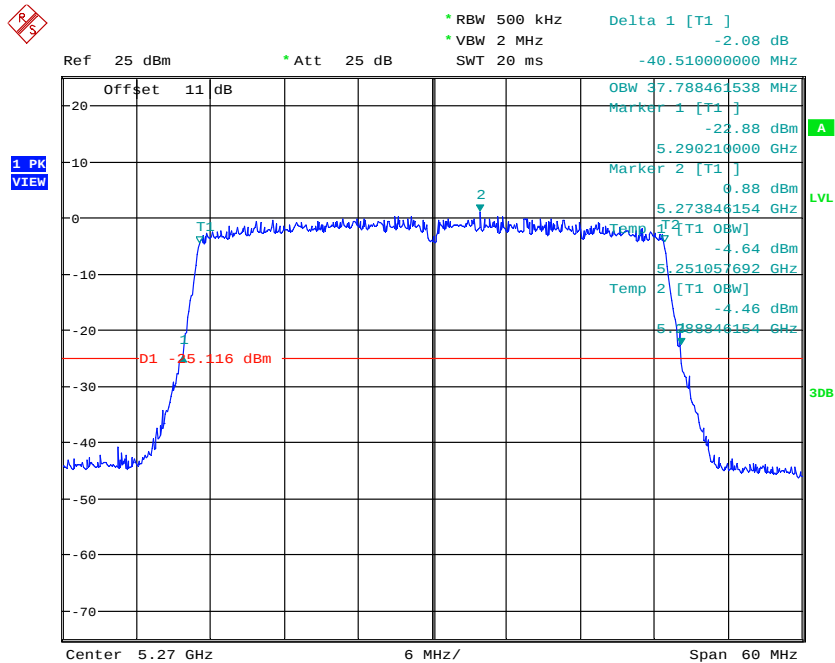
99% OBW& 26dB Bandwidth ANT\_2\_ax20\_CH60  
Date: 6.OCT.2024 09:52:36



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



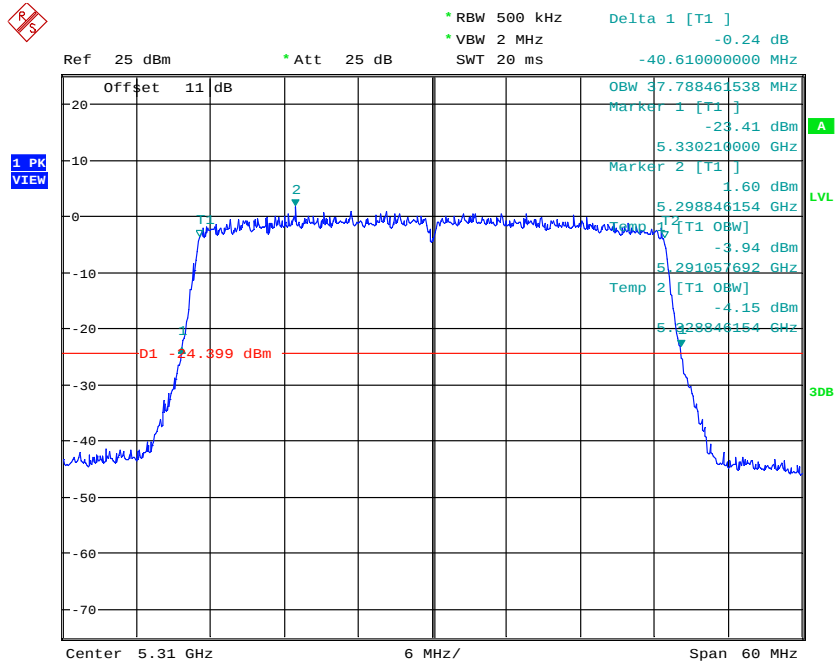
99% OBW & 26dB Bandwidth ANT\_2\_ax20\_CH64  
Date: 6.OCT.2024 09:49:24



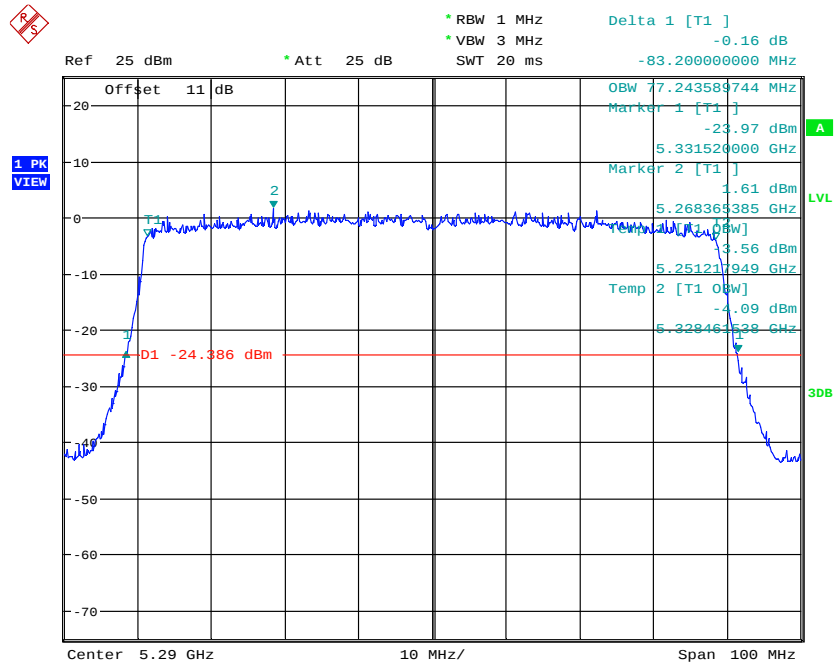
99% OBW & 26dB Bandwidth ANT\_2\_ax40\_CH54  
Date: 6.OCT.2024 09:42:55



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



99% OBW& 26dB Bandwidth ANT\_2\_ax40\_CH62  
Date: 6.OCT.2024 09:44:29



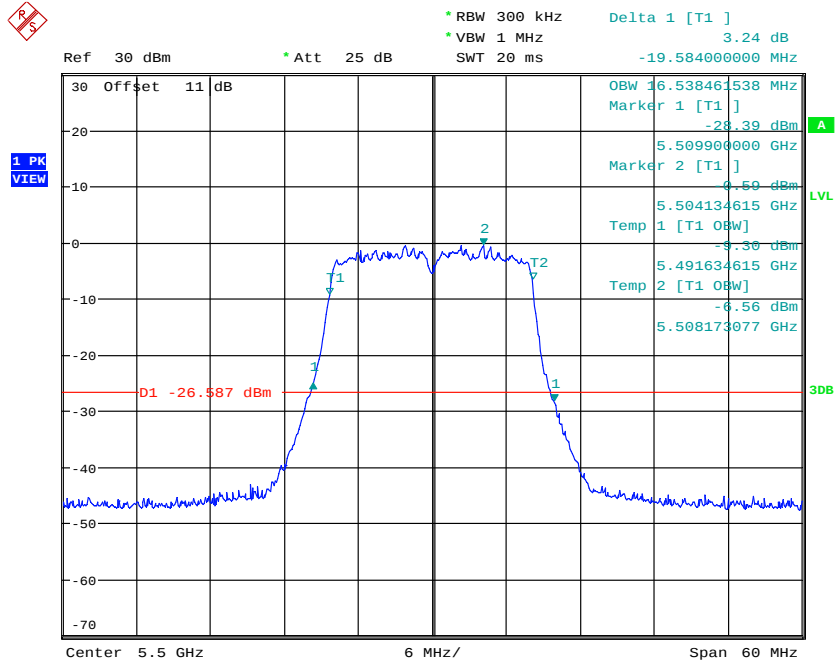
99% OBW& 26dB Bandwidth ANT\_2\_ax80\_CH58  
Date: 6.OCT.2024 09:41:20



Registration number: W6M22405-23479-C-55

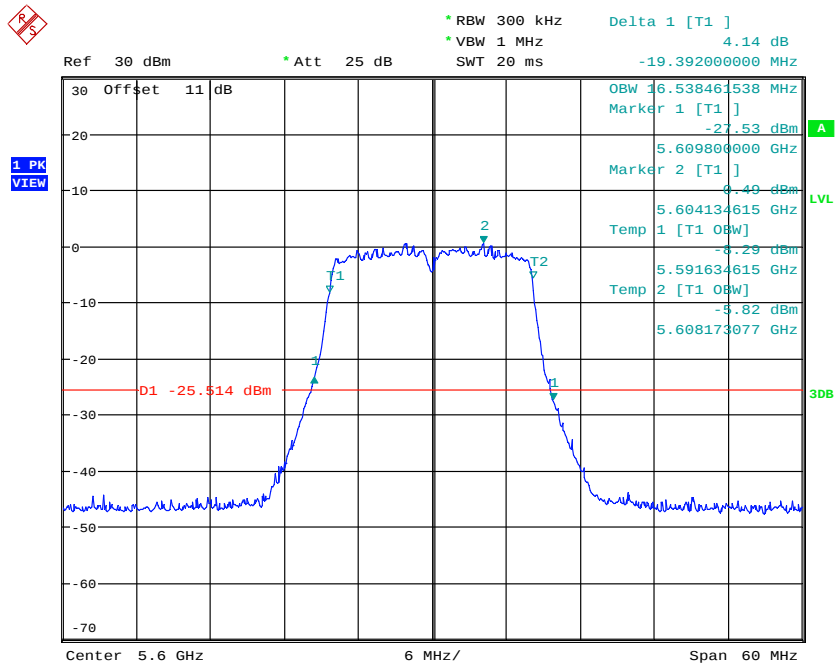
FCC ID: 2AG3J-WRPT50001

**5.47 GHz ~ 5.725 GHz**



99% OBW & 26DB BANDWIDTH ANT2\_11a\_CH100

Date: 4.OCT.2024 15:49:40

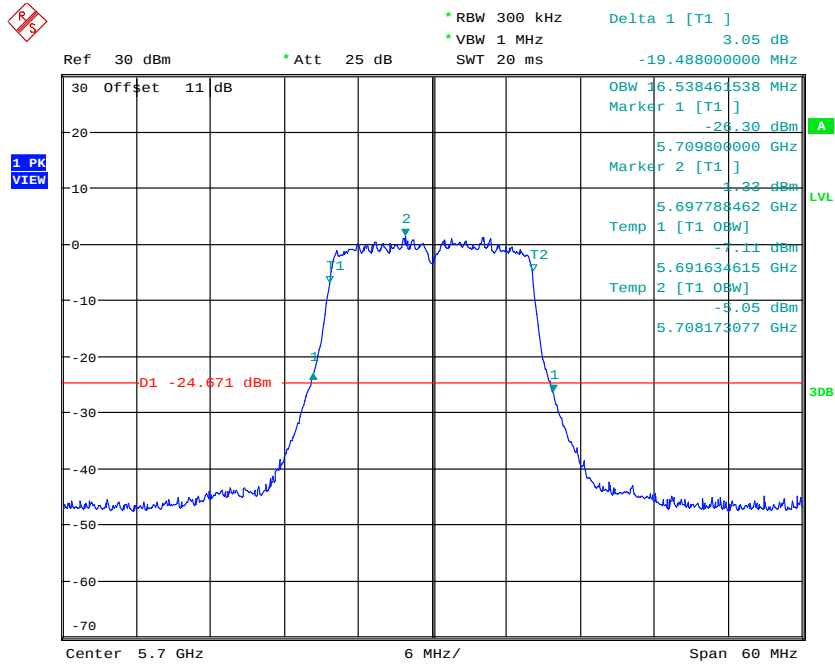


99% OBW & 26DB BANDWIDTH ANT2\_11a\_CH120

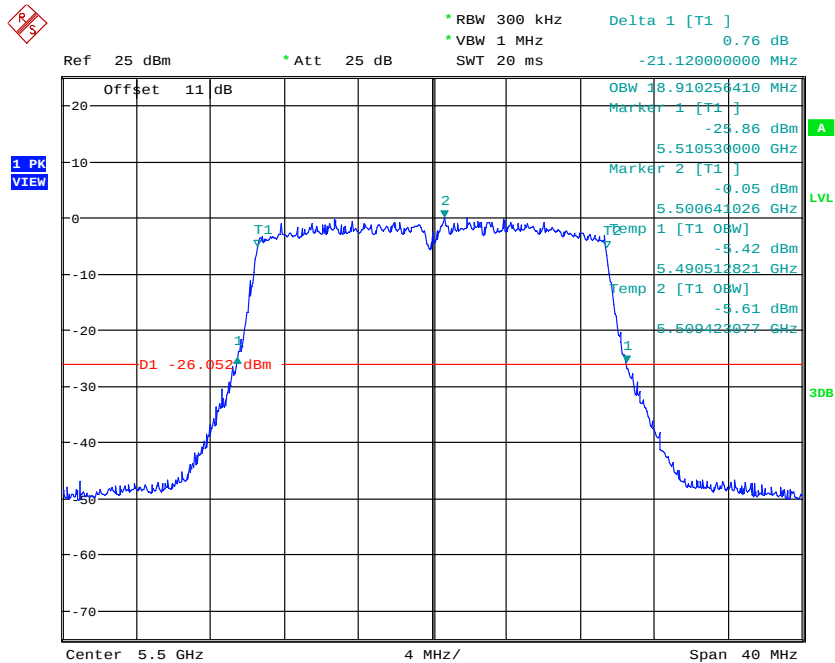
Date: 4.OCT.2024 15:50:51



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



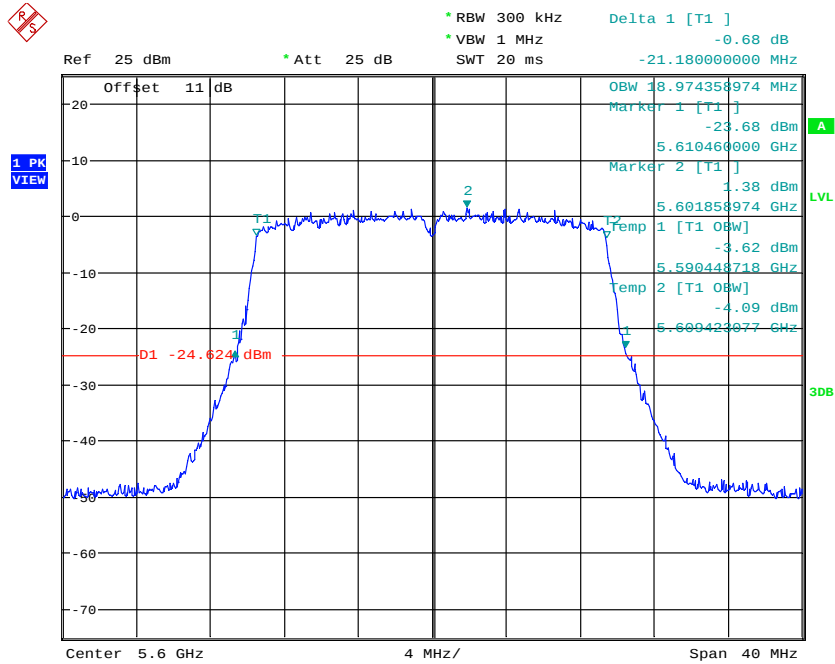
99% OBW & 26DB BANDWIDTH ANT2\_11a\_CH140  
Date: 4.OCT.2024 15:52:03



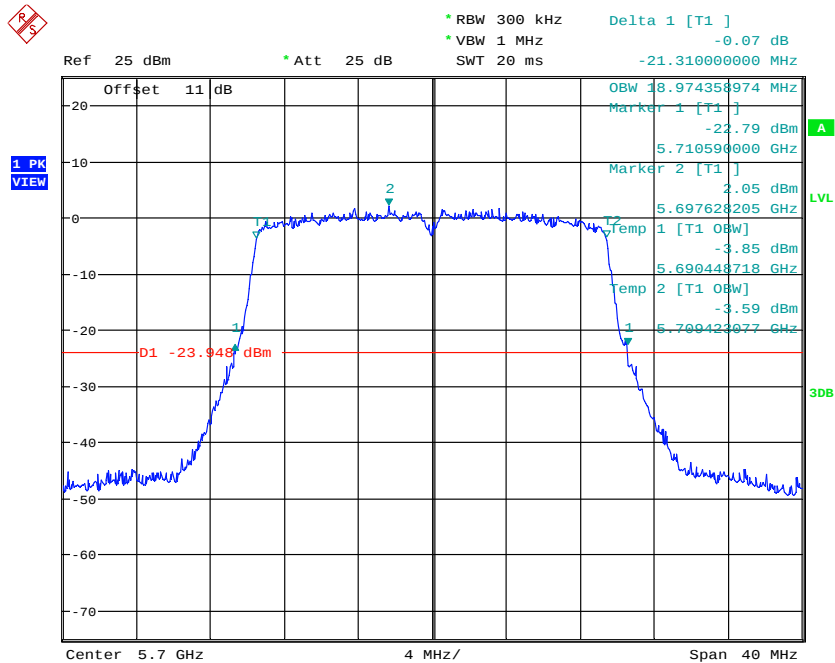
99% OBW & 26dB Bandwidth ANT\_2\_ax20\_CH100  
Date: 6.OCT.2024 09:55:42



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



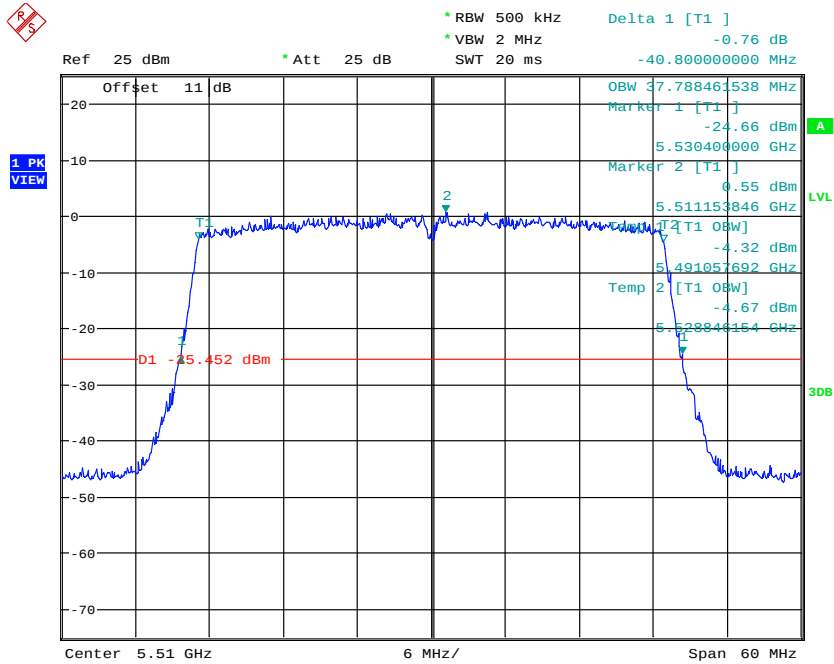
99% OBW& 26dB Bandwidth ANT\_2\_ax20\_CH120  
Date: 6.OCT.2024 09:57:09



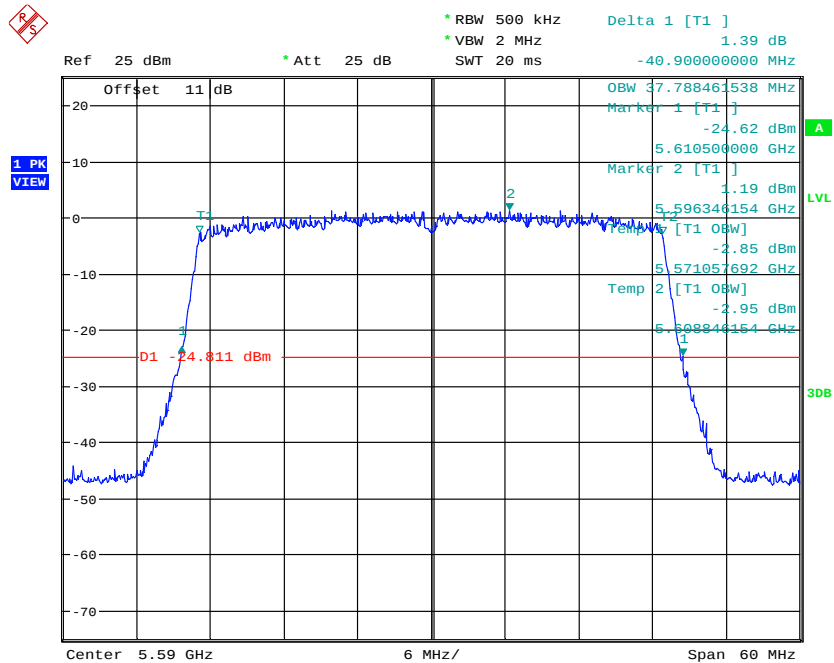
99% OBW& 26dB Bandwidth ANT\_2\_ax20\_CH140  
Date: 6.OCT.2024 09:58:40



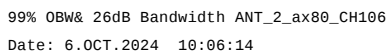
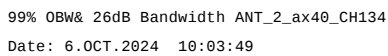
Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



99% OBW& 26dB Bandwidth ANT\_2\_ax40\_CH102  
Date: 6.OCT.2024 10:00:20

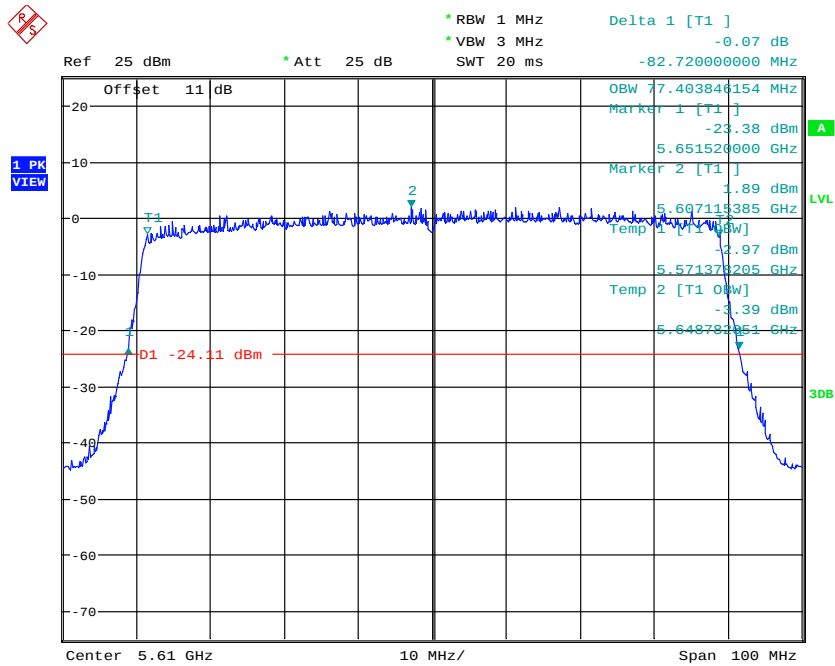


99% OBW& 26dB Bandwidth ANT\_2\_ax40\_CH118  
Date: 6.OCT.2024 10:02:02





Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



99% OBW& 26dB Bandwidth ANT\_2\_ax80\_CH122

Date: 6.OCT.2024 10:08:30



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

### 3.3 6dB emission bandwidth, 99% Occupied Bandwidth, FCC 15.407 (a)

According to §15.407(a). No Limit required.

Result:

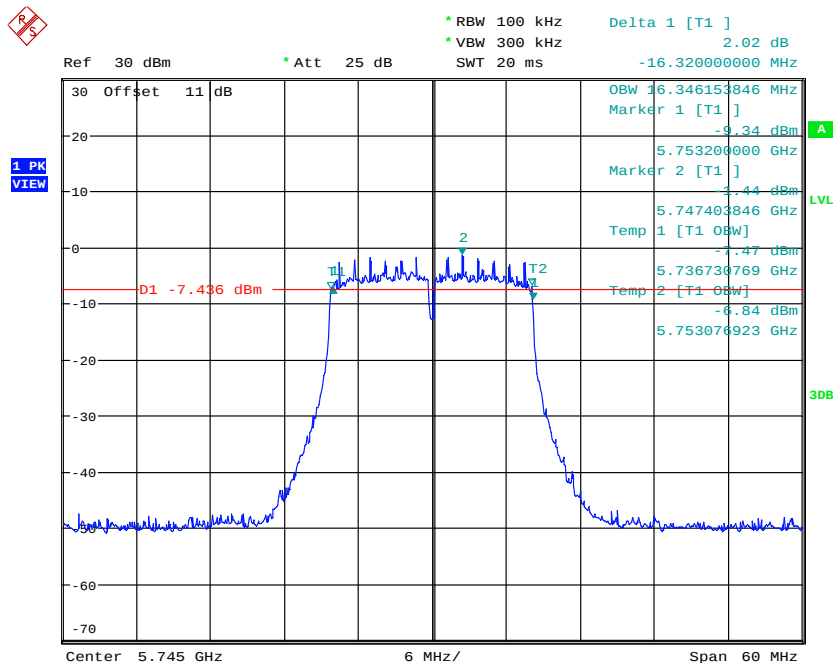
Test date: October 04, 2024-October 06, 2024

Temperature: 26.8 °C

Humidity: 56.3 %

Tester: Sora

ANT 1

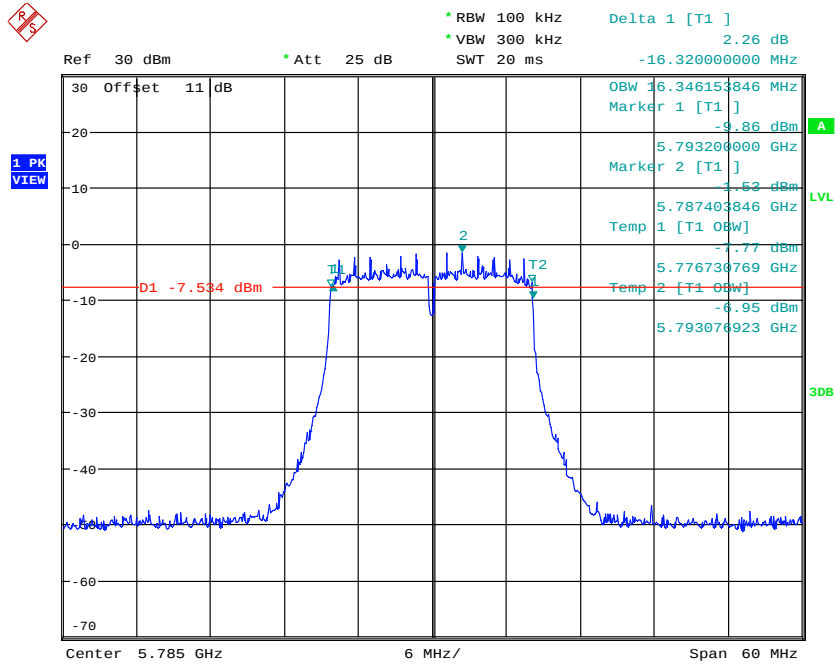


99% OBW & 6DB BANDWIDTH ANT1\_11a\_CH149  
Date: 4.OCT.2024 15:39:57

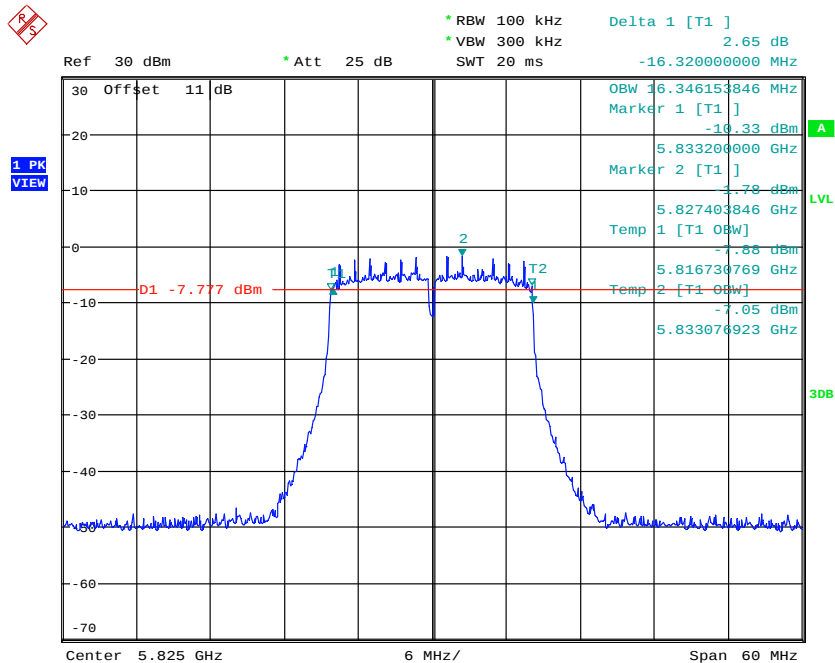


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



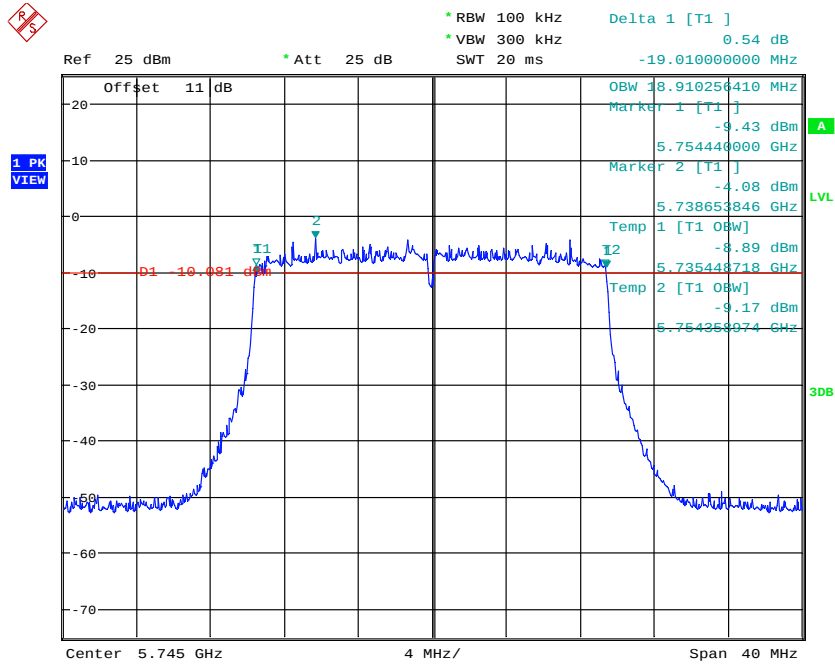
99% OBW & 6DB BANDWIDTH ANT1\_11a\_CH157  
Date: 4.OCT.2024 15:41:25



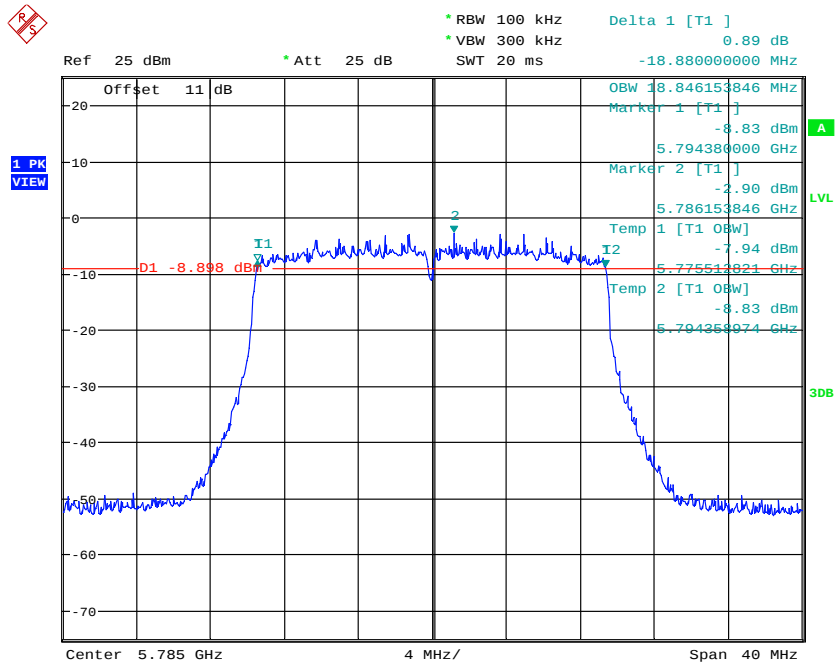
99% OBW & 6DB BANDWIDTH ANT1\_11a\_CH165  
Date: 4.OCT.2024 15:43:04



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



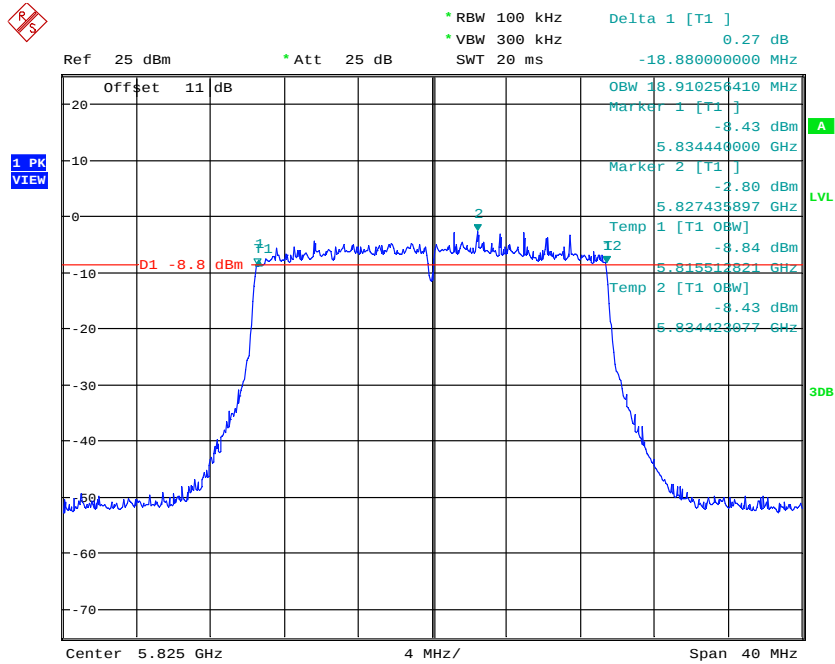
99% OBW& 6dB Bandwidth ANT\_1\_ax20\_CH149  
Date: 6.OCT.2024 10:29:23



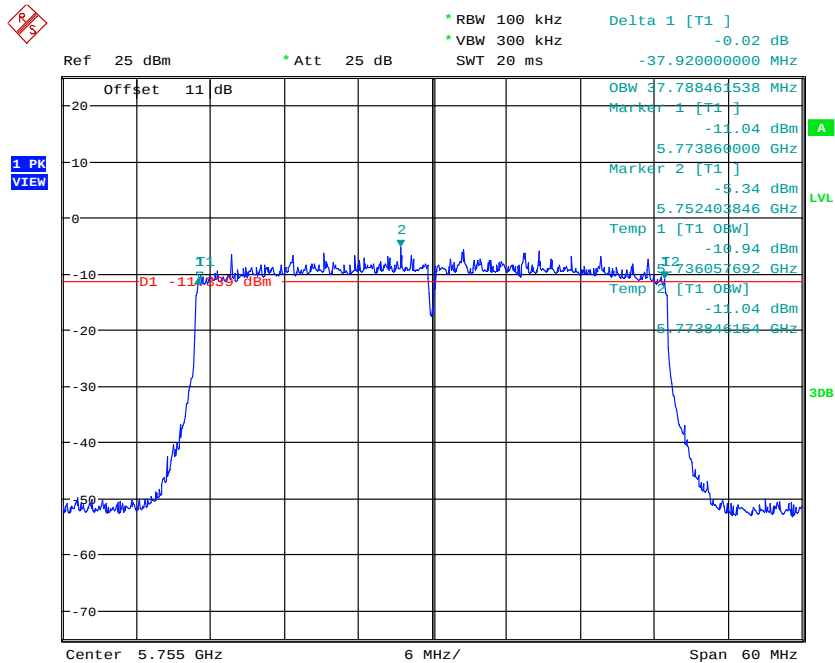
99% OBW& 6dB Bandwidth ANT\_1\_ax20\_CH157  
Date: 6.OCT.2024 10:32:03



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



99% OBW& 6dB Bandwidth ANT\_1\_ax20\_CH165  
Date: 6.OCT.2024 10:33:44

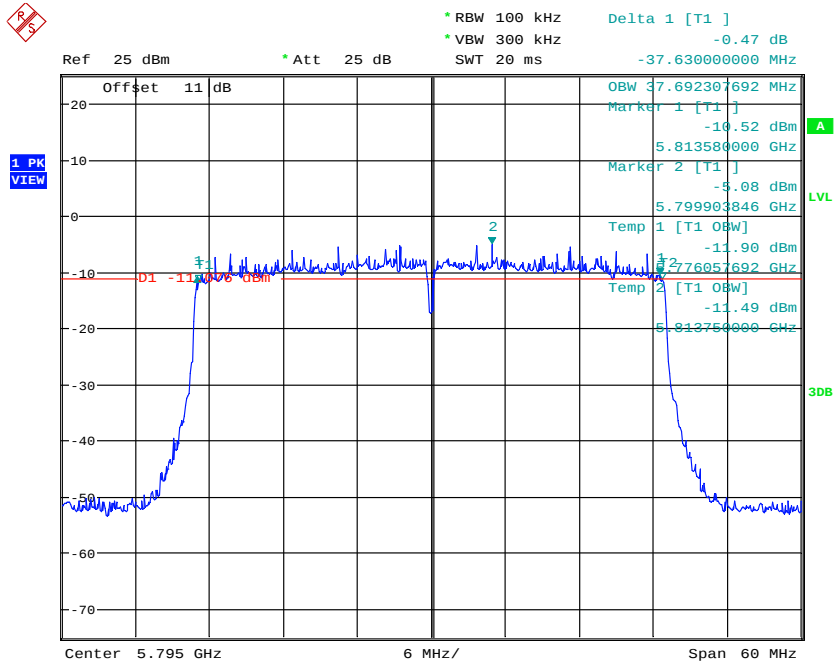


99% OBW& 6dB Bandwidth ANT\_1\_ax40\_CH151  
Date: 6.OCT.2024 10:27:24

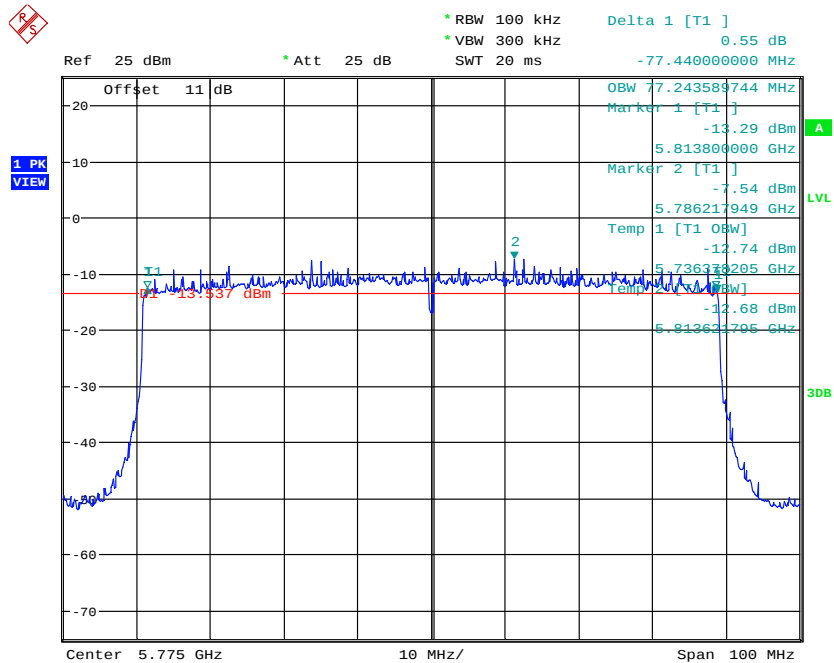


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



99% OBW& 6dB Bandwidth ANT\_1\_ax40\_CH159  
Date: 6.OCT.2024 10:25:31



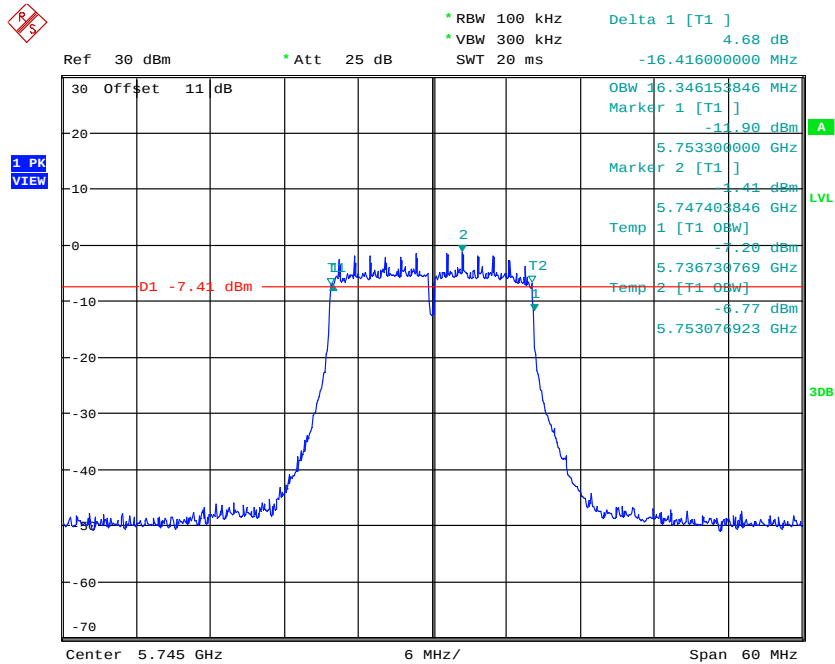
99% OBW& 6dB Bandwidth ANT\_1\_ax80\_CH155  
Date: 6.OCT.2024 10:21:34



Registration number: W6M22405-23479-C-55

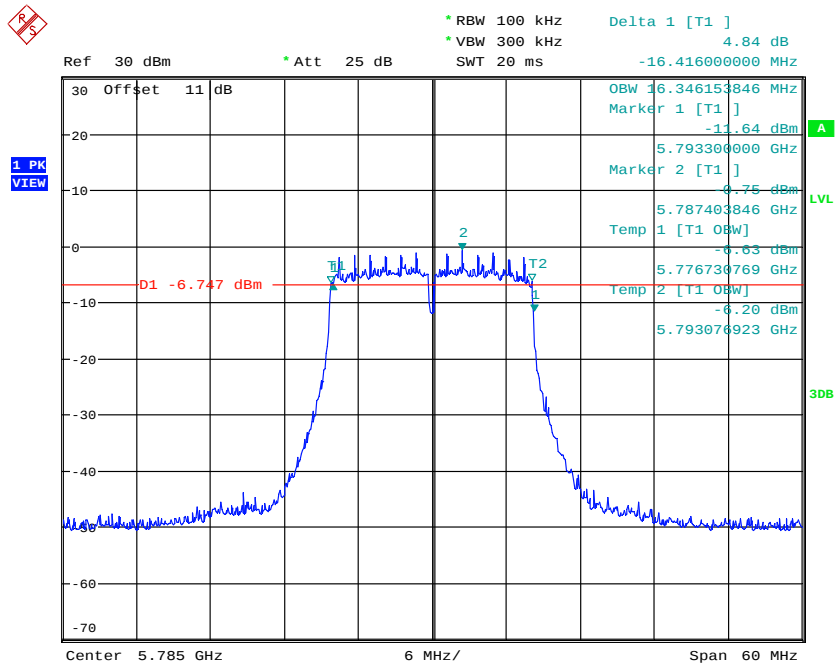
FCC ID: 2AG3J-WRPT50001

**ANT 2**



99% OBW & 6DB BANDWIDTH ANT2\_11a\_CH149

Date: 4.OCT.2024 15:44:43

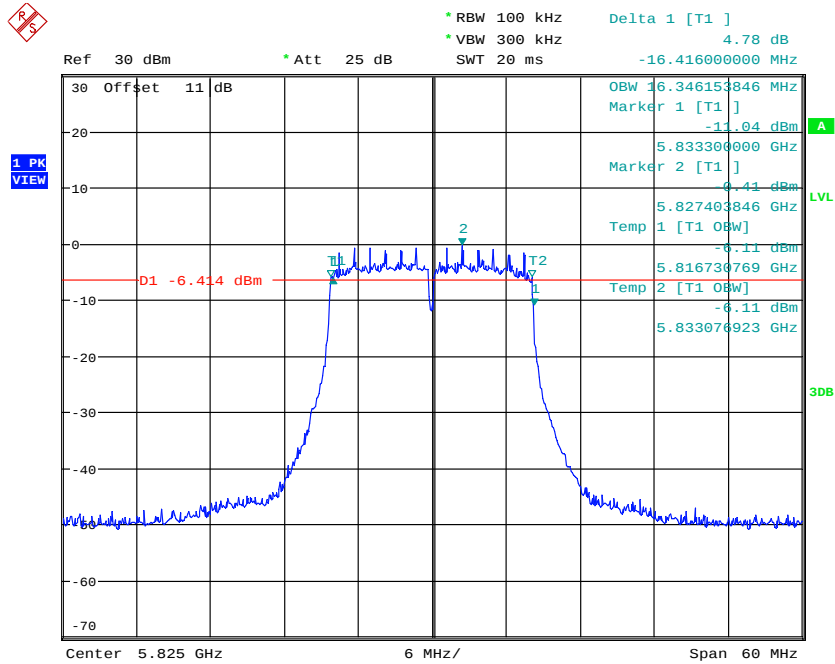


99% OBW & 6DB BANDWIDTH ANT2\_11a\_CH157

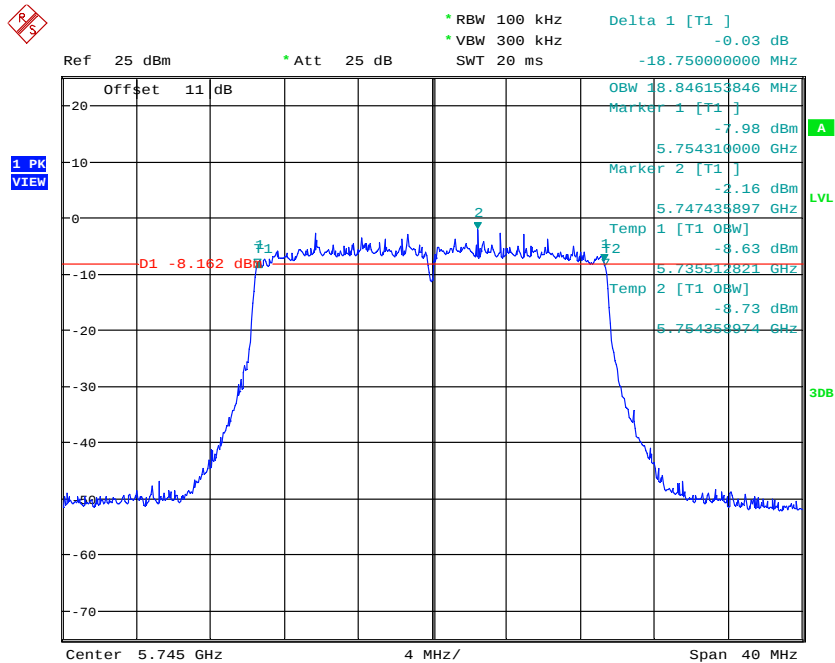
Date: 4.OCT.2024 15:45:54



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



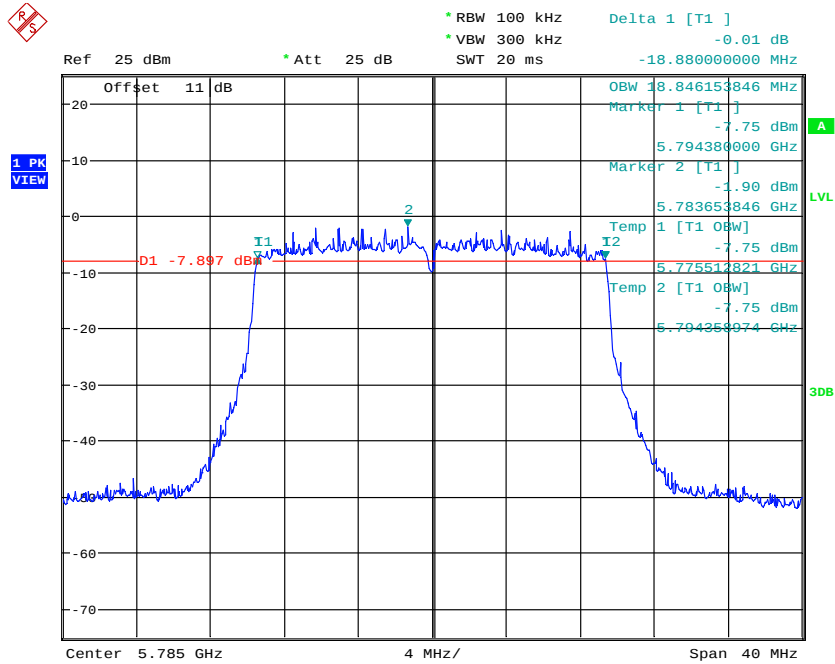
99% OBW & 6DB BANDWIDTH ANT2\_11a\_CH165  
Date: 4.OCT.2024 15:47:11



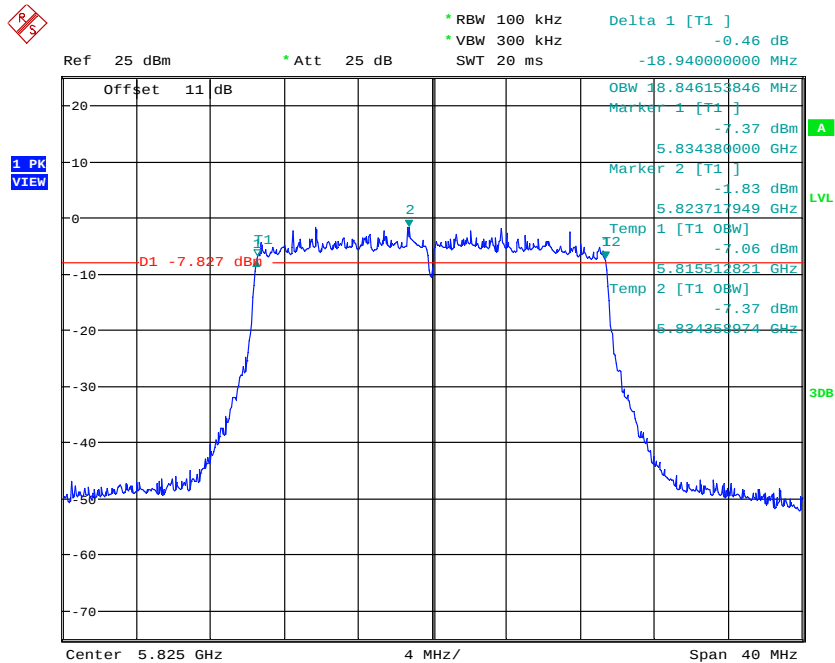
99% OBW& 6dB Bandwidth ANT\_2\_ax20\_CH149  
Date: 6.OCT.2024 10:30:44



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



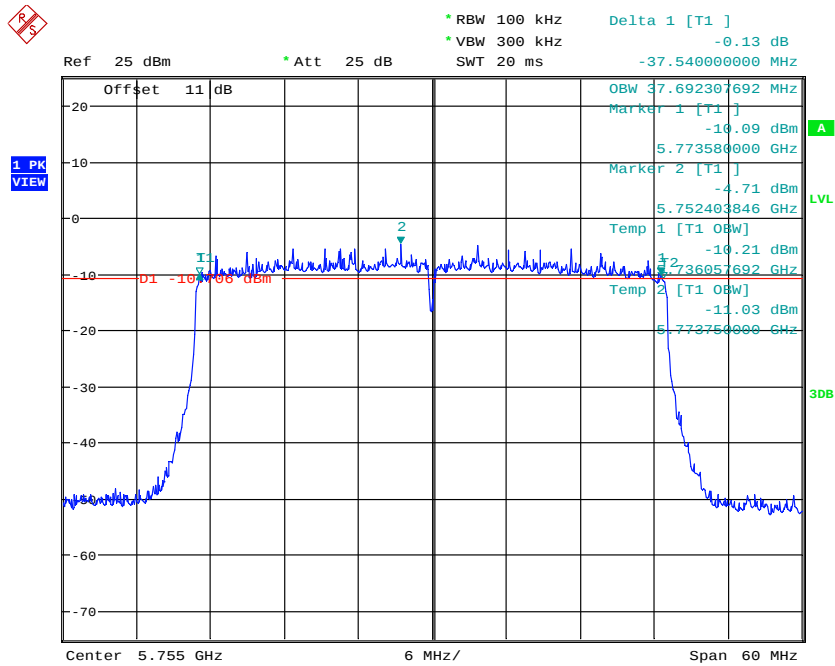
99% OBW& 6dB Bandwidth ANT\_2\_ax20\_CH157  
Date: 6.OCT.2024 10:32:29



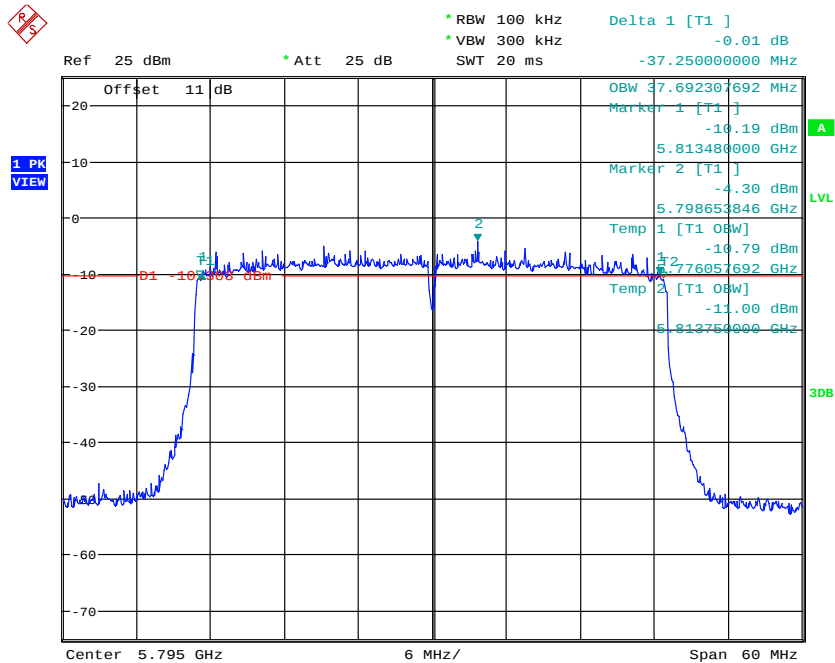
99% OBW& 6dB Bandwidth ANT\_2\_ax20\_CH165  
Date: 6.OCT.2024 10:34:11



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



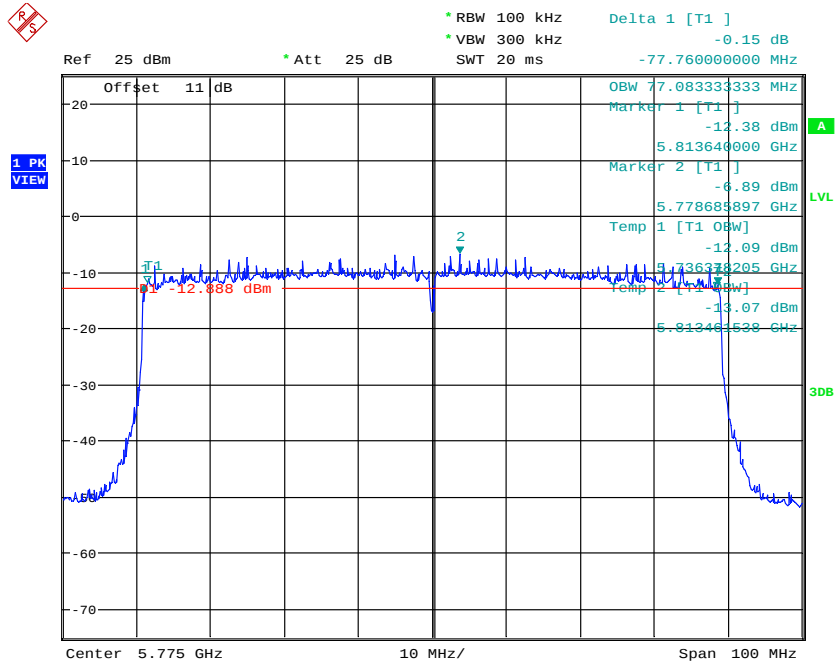
99% OBW& 6dB Bandwidth ANT\_2\_ax40\_CH151  
Date: 6.OCT.2024 10:24:17



99% OBW& 6dB Bandwidth ANT\_2\_ax40\_CH159  
Date: 6.OCT.2024 10:25:59



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



99% OBW& 6dB Bandwidth ANT\_2\_ax80\_CH155  
Date: 6.OCT.2024 10:22:13



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

## 3.4 Peak Power Spectral Density, FCC 15.407 (a)

According to §15.407(a)

For the band 5.15-5.25 GHz, the peak power spectral density shall not exceed 17 dBm/MHz for master device and 11 dBm/MHz for mobile/portable client device.

For the band 5.25-5.35 GHz and 5.47-5.725 GHz, the peak power spectral density shall not exceed 11 dBm/MHz.

For the band 5.725-5.850 GHz, the peak power spectral density shall not exceed 30 dBm/500kHz.

Original

Test date: October 04, 2024

Temperature: 24.0 °C

Humidity: 56.3 %

Tester: Sora

| Band   | Mode           | Channel           | Conducted power with DF (dBm/MHz) |           | Combine (dBm) | DF (dB) | Limit (dBm/MHz) |
|--------|----------------|-------------------|-----------------------------------|-----------|---------------|---------|-----------------|
|        |                |                   | Antenna 1                         | Antenna 2 |               |         |                 |
| NII-1  | 802.11a        | Ch 36 : 5180 MHz  | 0.93                              | -3.11     | -             | 0.02    | 13.90           |
|        |                | Ch 44 : 5220 MHz  | 1.45                              | -3.54     | -             | 0.02    | 13.90           |
|        |                | Ch 48 : 5240 MHz  | 1.49                              | -3.84     | -             | 0.02    | 13.90           |
|        | 802.11ax 20MHz | Ch 36 : 5180 MHz  | 0.29                              | -3.66     | 1.76          | 0.00    | 13.90           |
|        |                | Ch 44 : 5220 MHz  | 0.78                              | -4.14     | 1.99          | 0.00    | 13.90           |
|        |                | Ch 48 : 5240 MHz  | 0.29                              | -4.44     | 1.55          | 0.00    | 13.90           |
|        | 802.11ax 40MHz | Ch 38 : 5190 MHz  | -2.49                             | -6.76     | -1.11         | 0.00    | 13.90           |
|        |                | Ch 46 : 5230 MHz  | -2.33                             | -7.28     | -1.12         | 0.00    | 13.90           |
|        | 802.11ax 80MHz | Ch 42 : 5210 MHz  | -5.21                             | -9.90     | -3.94         | 0.00    | 13.90           |
| NII-2A | 802.11a        | Ch 52 : 5260 MHz  | 1.62                              | -3.94     | -             | 0.02    | 8.72            |
|        |                | Ch 60 : 5300 MHz  | 1.58                              | -4.45     | -             | 0.02    | 8.72            |
|        |                | Ch 64 : 5320 MHz  | 1.54                              | -4.08     | -             | 0.02    | 8.72            |
|        | 802.11ax 20MHz | Ch 52 : 5260 MHz  | 0.97                              | -4.52     | 2.05          | 0.00    | 8.72            |
|        |                | Ch 60 : 5300 MHz  | 0.97                              | -5.15     | 1.92          | 0.00    | 8.72            |
|        |                | Ch 64 : 5320 MHz  | 0.94                              | -4.82     | 1.96          | 0.00    | 8.72            |
|        | 802.11ax 40MHz | Ch 54 : 5270 MHz  | -1.95                             | -7.69     | -0.92         | 0.00    | 8.72            |
|        |                | Ch 62 : 5310 MHz  | -1.88                             | -7.55     | -0.84         | 0.00    | 8.72            |
|        | 802.11ax 80MHz | Ch 58 : 5290 MHz  | -5.07                             | -10.68    | -4.02         | 0.00    | 8.72            |
| NII-2C | 802.11a        | Ch 100 : 5500 MHz | 0.11                              | -4.01     | -             | 0.02    | 8.07            |
|        |                | Ch 120 : 5600 MHz | -0.58                             | -2.96     | -             | 0.02    | 8.07            |
|        |                | Ch 140 : 5700 MHz | -1.04                             | -2.26     | -             | 0.02    | 8.07            |



# ***Worldwide Testing Services(Taiwan) Co., Ltd.***

Registration number: W6M22405-23479-C-55

FCC ID: 2AG3J-WRPT50001

|              |                           |                   |        |        |       |      |       |
|--------------|---------------------------|-------------------|--------|--------|-------|------|-------|
|              | <b>802.11ax<br/>20MHz</b> | Ch 100 : 5500 MHz | -0.44  | -4.68  | 0.95  | 0.00 | 8.07  |
|              |                           | Ch 120 : 5600 MHz | -0.90  | -3.66  | 0.95  | 0.00 | 8.07  |
|              |                           | Ch 140 : 5700 MHz | -1.47  | -2.98  | 0.85  | 0.00 | 8.07  |
|              | <b>802.11ax<br/>40MHz</b> | Ch 102 : 5510 MHz | -3.44  | -7.58  | -2.02 | 0.00 | 8.07  |
|              |                           | Ch 118 : 5590 MHz | -3.92  | -6.53  | -2.02 | 0.00 | 8.07  |
|              |                           | Ch 134 : 5670 MHz | -4.27  | -6.18  | -2.11 | 0.00 | 8.07  |
|              | <b>802.11ax<br/>80MHz</b> | Ch 106 : 5530 MHz | -6.69  | -10.38 | -5.14 | 0.00 | 8.07  |
|              |                           | Ch 122 : 5610 MHz | -7.26  | -9.60  | -5.26 | 0.00 | 8.07  |
| <b>NII-3</b> | <b>802.11a</b>            | Ch 149 : 5745 MHz | -4.43  | -4.34  | -     | 0.02 | 27.07 |
|              |                           | Ch 157 : 5785 MHz | -4.50  | -3.74  | -     | 0.02 | 27.07 |
|              |                           | Ch 165 : 5825 MHz | -4.63  | -3.36  | -     | 0.02 | 27.07 |
|              | <b>802.11ax<br/>20MHz</b> | Ch 149 : 5745 MHz | -4.95  | -5.03  | -1.98 | 0.00 | 27.07 |
|              |                           | Ch 157 : 5785 MHz | -5.06  | -4.53  | -1.78 | 0.00 | 27.07 |
|              |                           | Ch 165 : 5825 MHz | -5.26  | -4.22  | -1.70 | 0.00 | 27.07 |
|              | <b>802.11ax<br/>40MHz</b> | Ch 151 : 5755 MHz | -7.96  | -7.76  | -4.85 | 0.00 | 27.07 |
|              |                           | Ch 159 : 5795 MHz | -8.23  | -7.33  | -4.75 | 0.00 | 27.07 |
|              | <b>802.11ax<br/>80MHz</b> | Ch 155: 5775 MHz  | -11.30 | -10.65 | -7.95 | 0.00 | 27.07 |

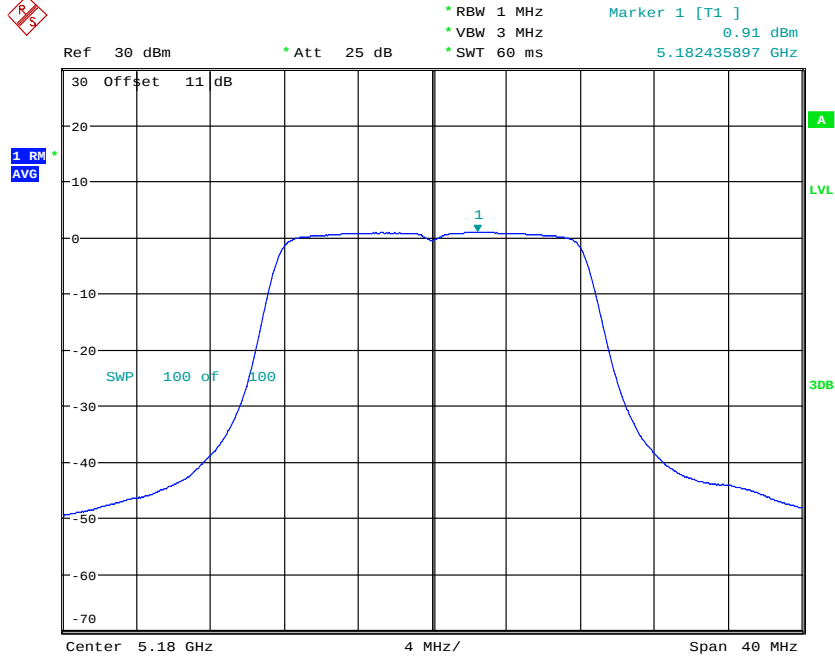
Note : NII-3 Limit is dBm/500kHz



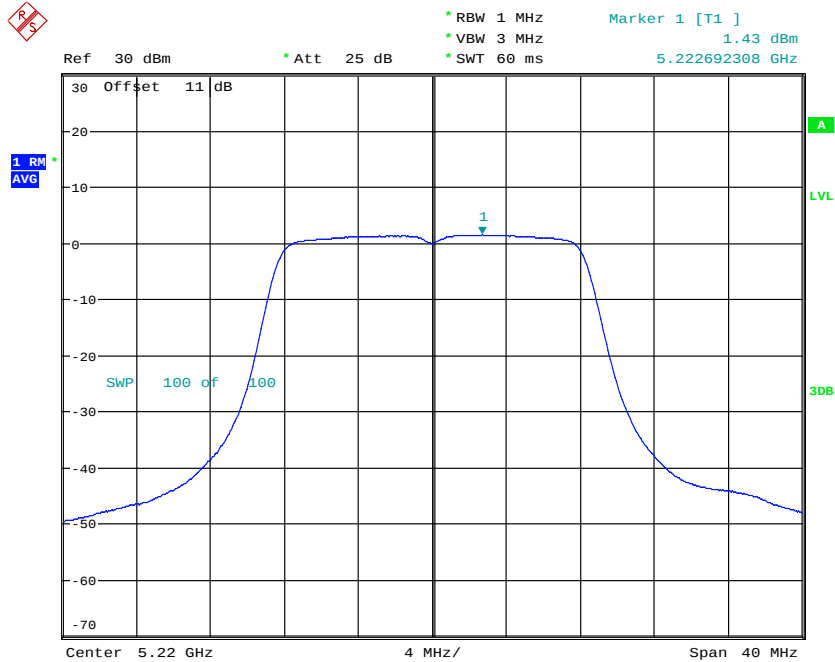
Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

**ANT 1**

**5.15 GHz ~ 5.25 GHz**



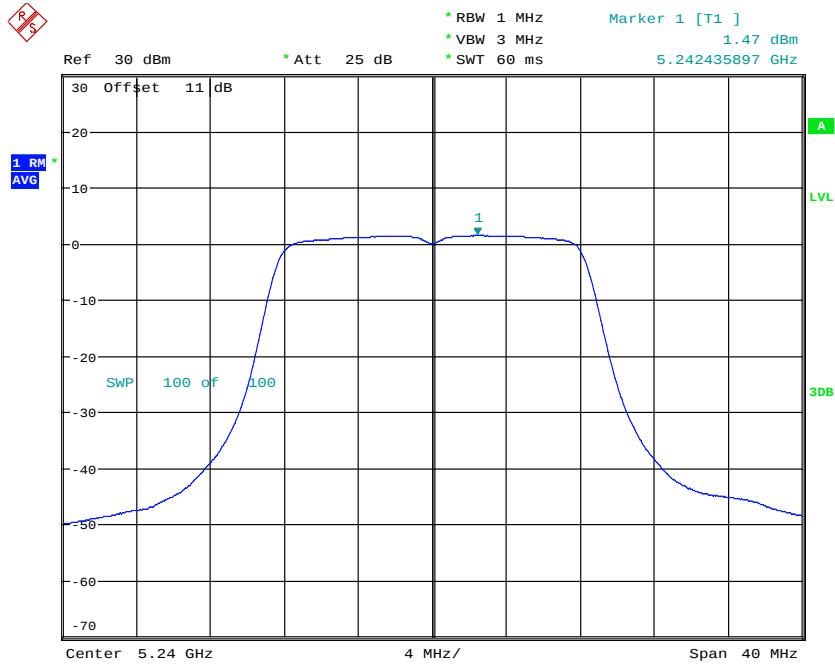
POWER DENSITY AV ANT111aCH36  
Date: 4.OCT.2024 15:21:02



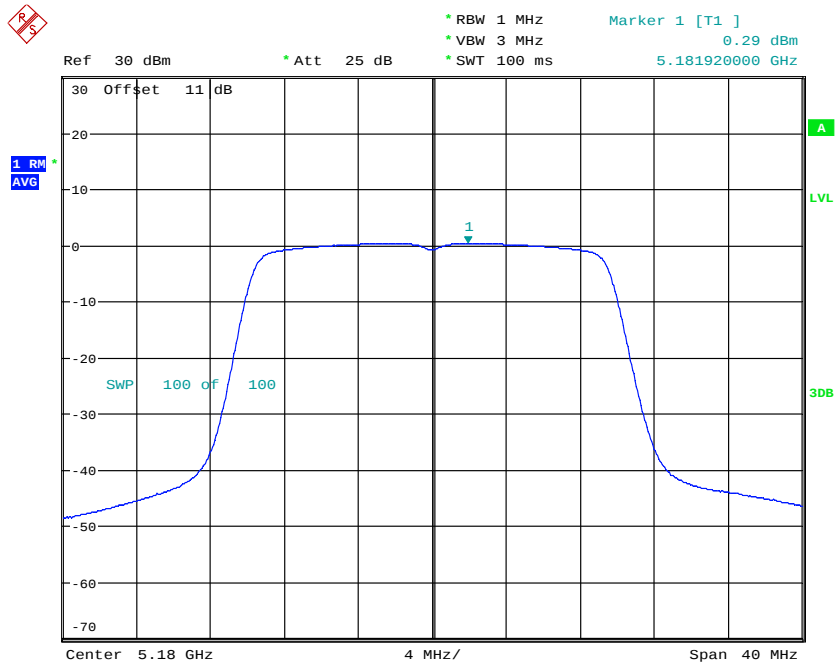
POWER DENSITY AV ANT111aCH44  
Date: 4.OCT.2024 15:22:07



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



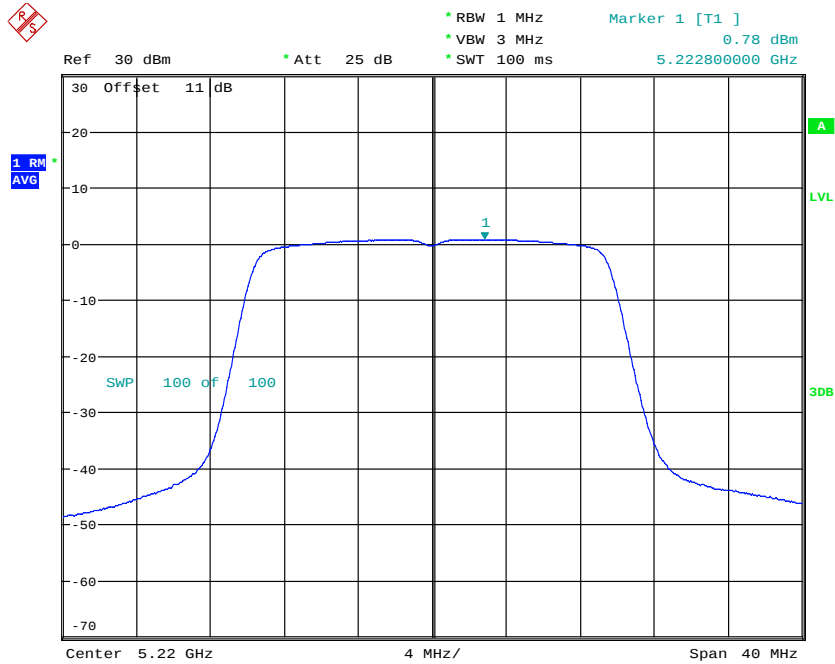
POWER DENSITY AV ANT111aCH48  
Date: 4.OCT.2024 15:23:18



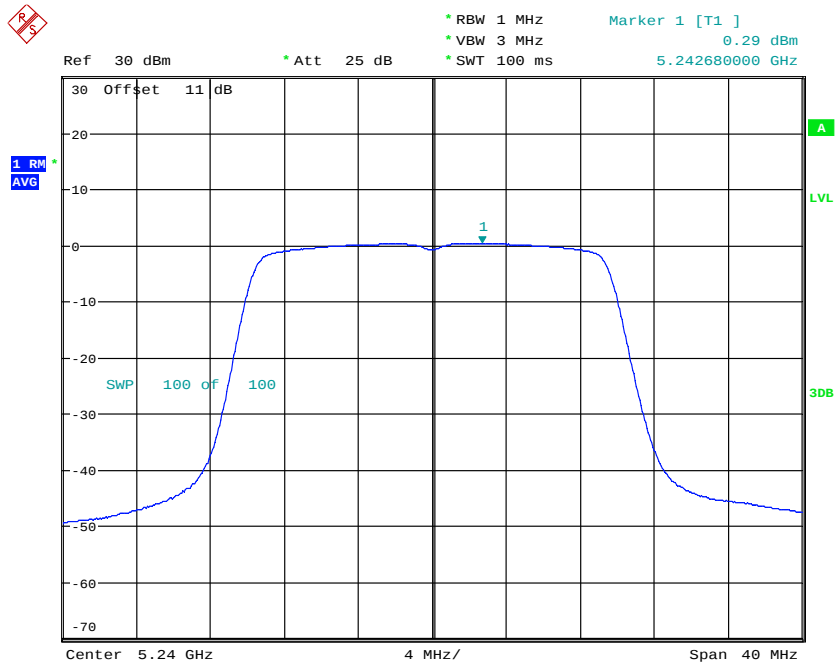
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Date: 4.OCT.2024 17:29:08



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



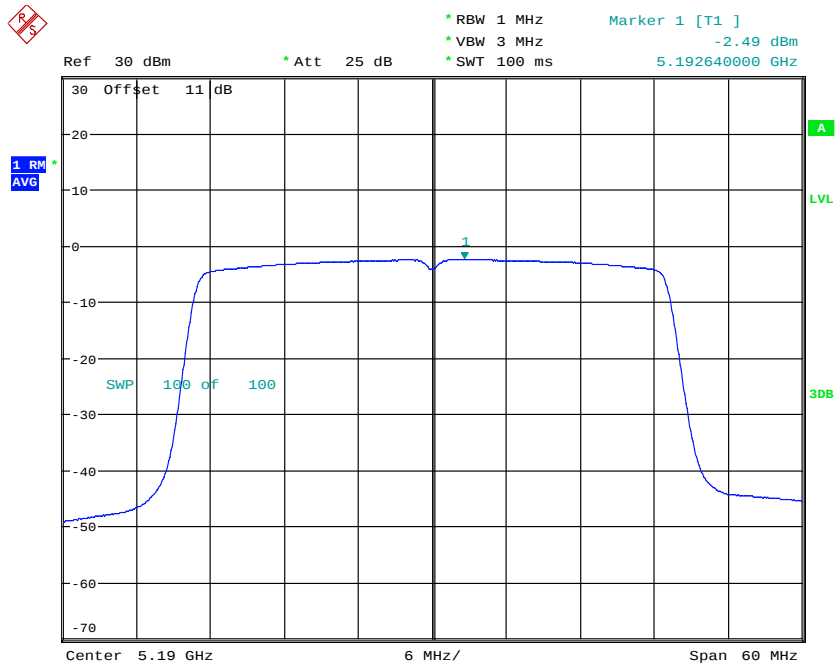
POWER DENSITY ANT\_1\_ax20\_CH44  
Date: 4.OCT.2024 17:34:55



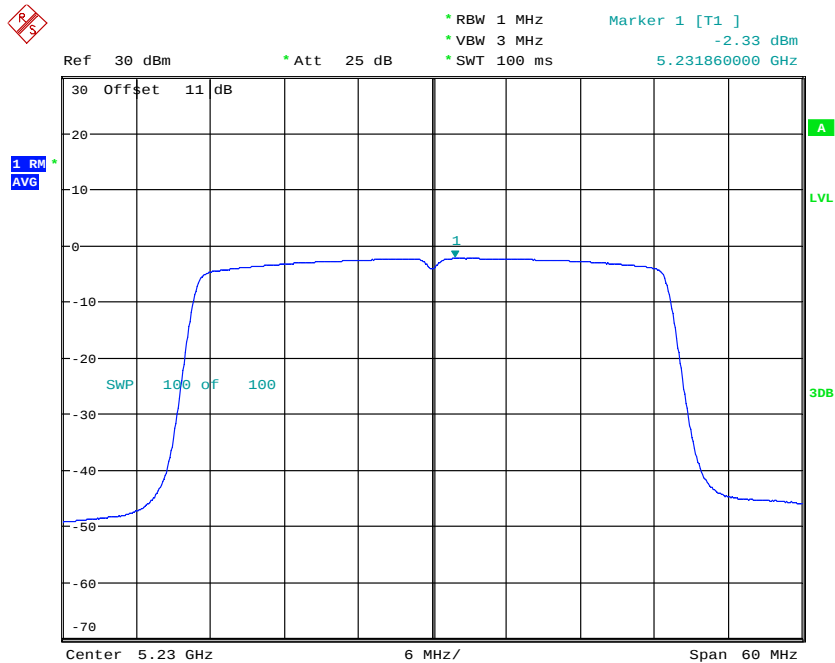
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Date: 4.OCT.2024 17:39:09



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



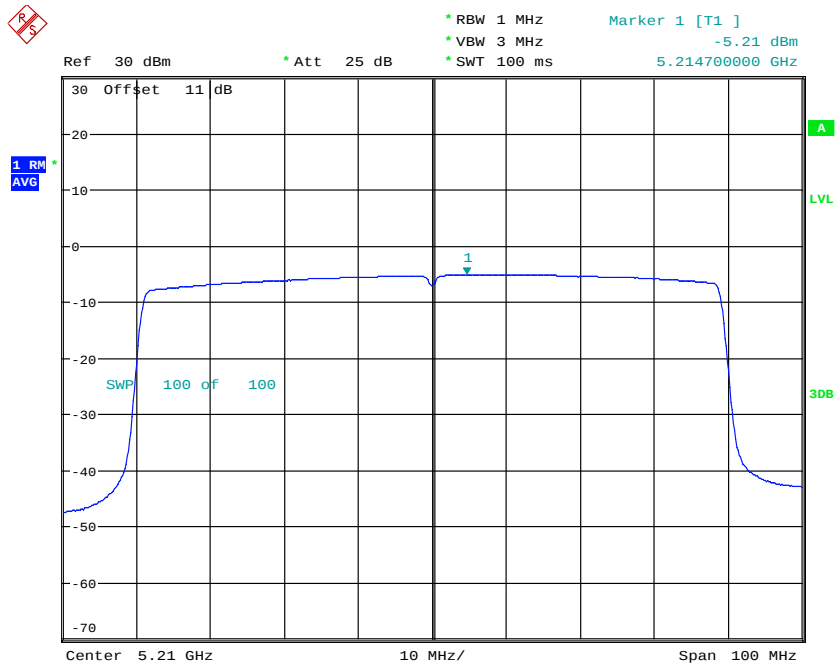
POWER DENSITY ANT\_1\_ax40\_CH38  
Date: 4.OCT.2024 19:16:26



POWER DENSITY ANT\_1\_ax40\_CH46  
Date: 4.OCT.2024 19:18:34

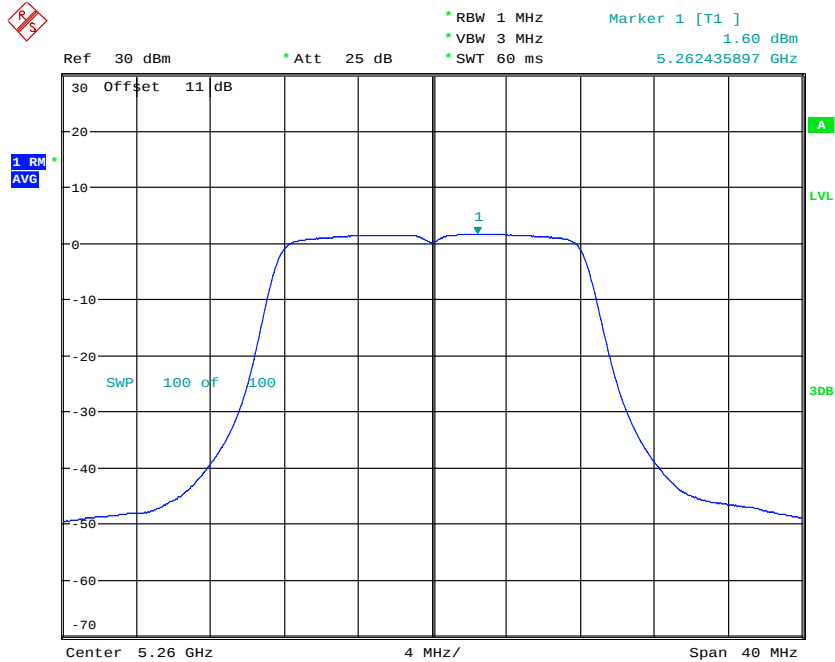


Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



POWER DENSITY ANT\_1\_ax80\_CH42  
Date: 4.OCT.2024 19:42:32

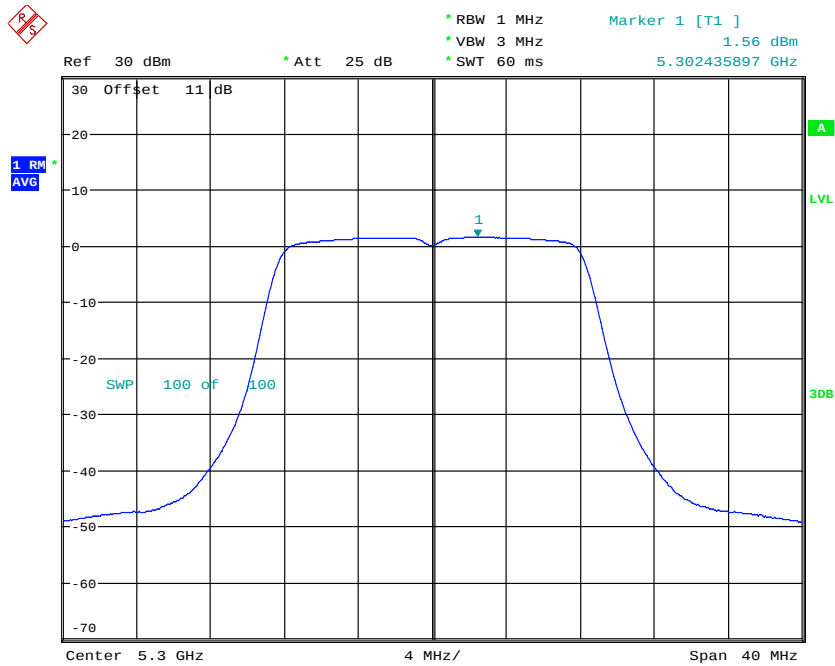
### 5.25 GHz ~ 5.35 GHz



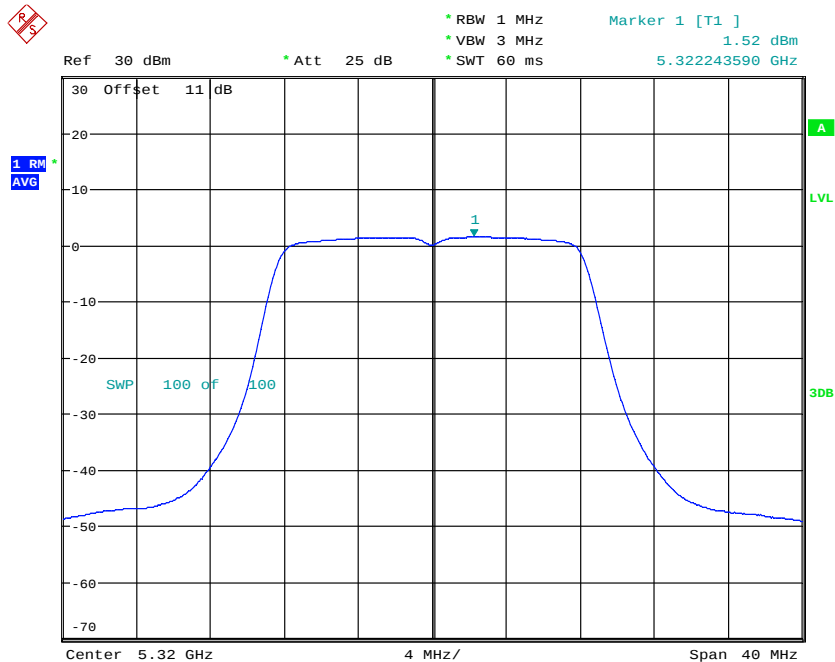
POWER DENSITY AV ANT111aCH52  
Date: 4.OCT.2024 15:28:50



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



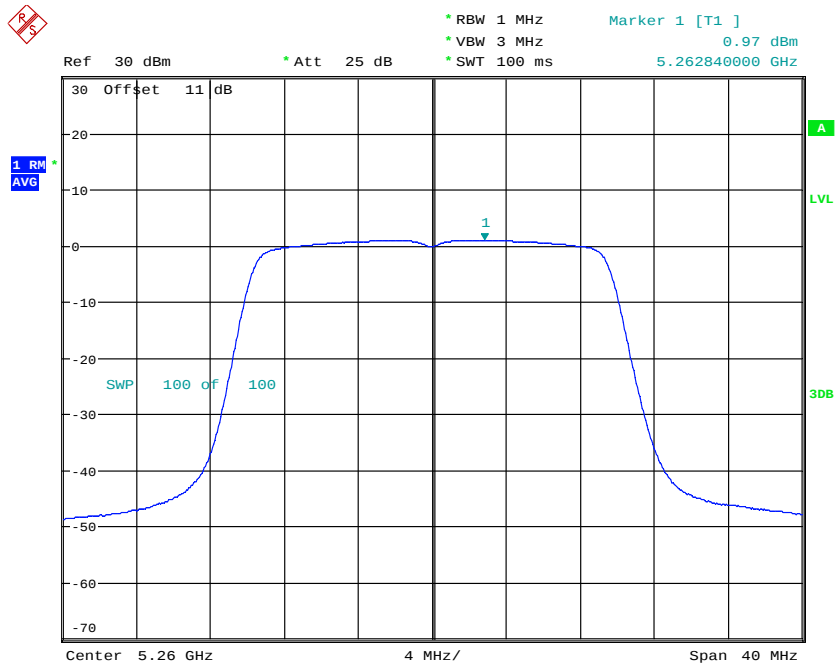
POWER DENSITY AV ANT111aCH60  
Date: 4.OCT.2024 15:29:55



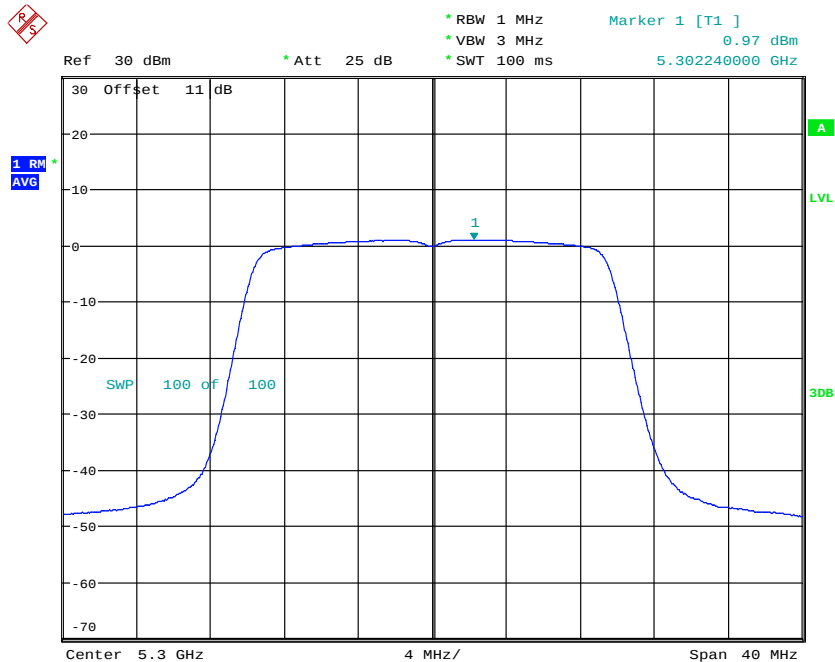
POWER DENSITY AV ANT111aCH64  
Date: 4.OCT.2024 15:31:13



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



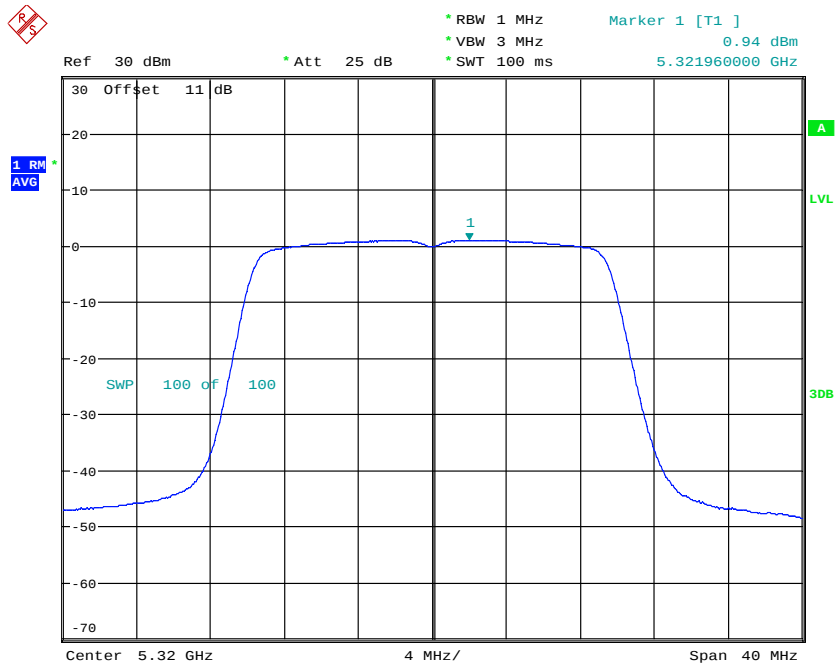
POWER DENSITY ANT\_1\_ax20\_CH52  
Date: 4.OCT.2024 17:41:55



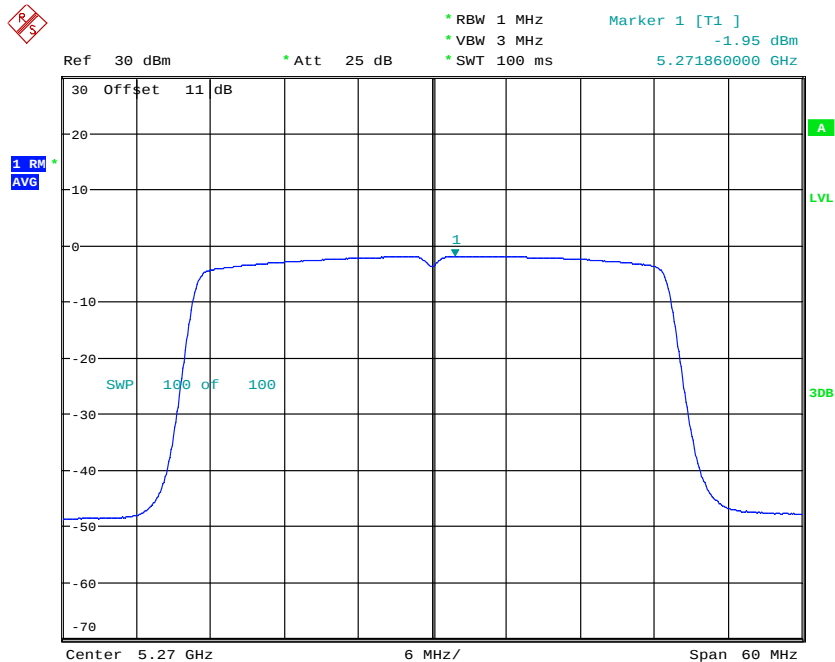
POWER DENSITY ANT\_1\_ax20\_CH60  
Date: 4.OCT.2024 17:43:56



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



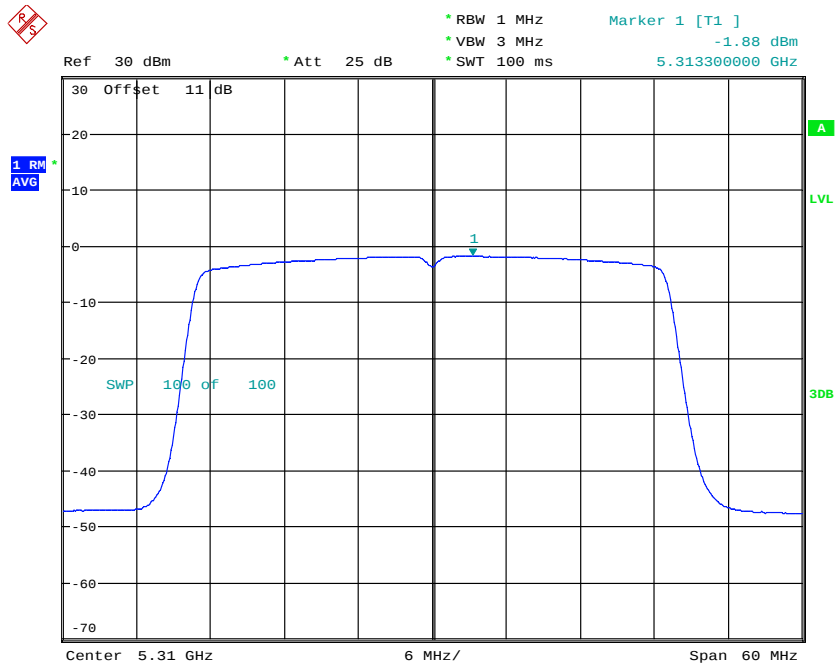
POWER DENSITY ANT\_1\_ax20\_CH64  
Date: 4.OCT.2024 17:45:48



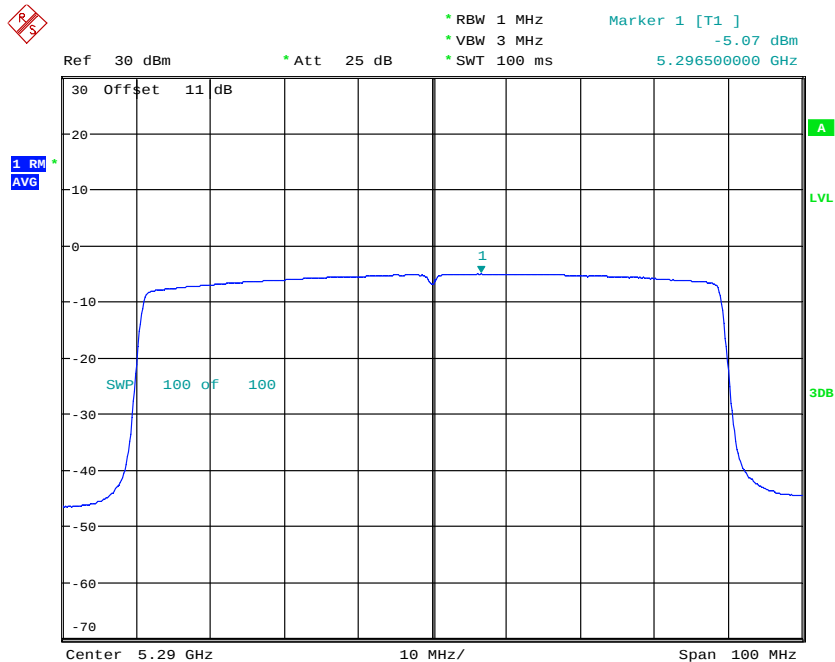
POWER DENSITY ANT\_1\_ax40\_CH54  
Date: 4.OCT.2024 19:21:35



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



POWER DENSITY ANT\_1\_ax40\_CH62  
Date: 4.OCT.2024 19:23:49



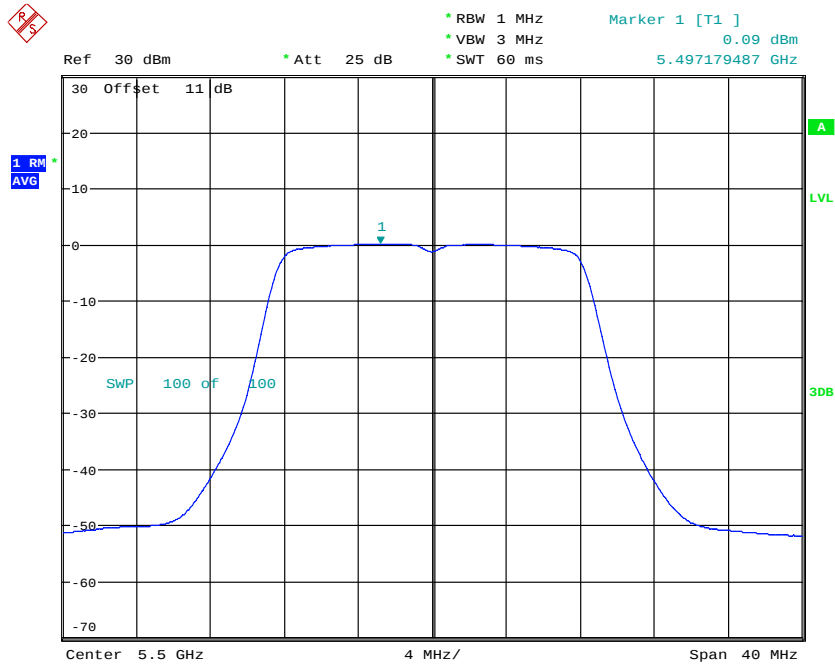
POWER DENSITY ANT\_1\_ax80\_CH58  
Date: 4.OCT.2024 19:45:28



Registration number: W6M22405-23479-C-55

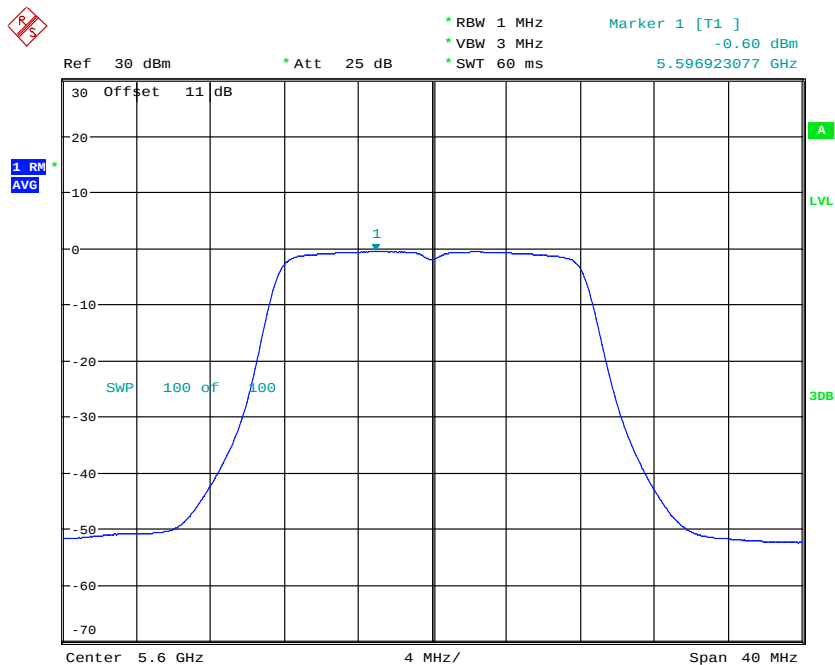
FCC ID: 2AG3J-WRPT50001

**5.47 GHz ~ 5.725 GHz**



POWER DENSITY AV ANT111aCH100

Date: 4.OCT.2024 15:33:36

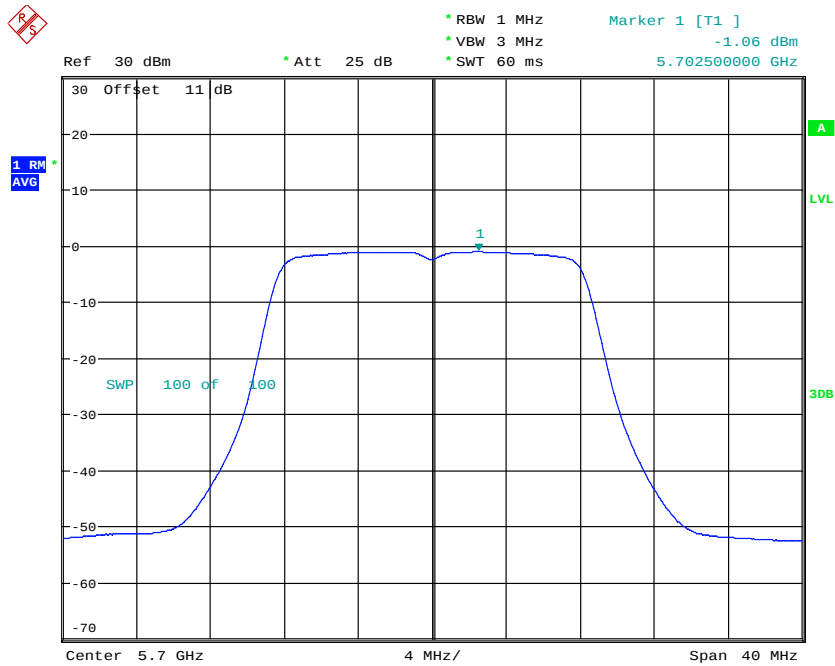


POWER DENSITY AV ANT111aCH120

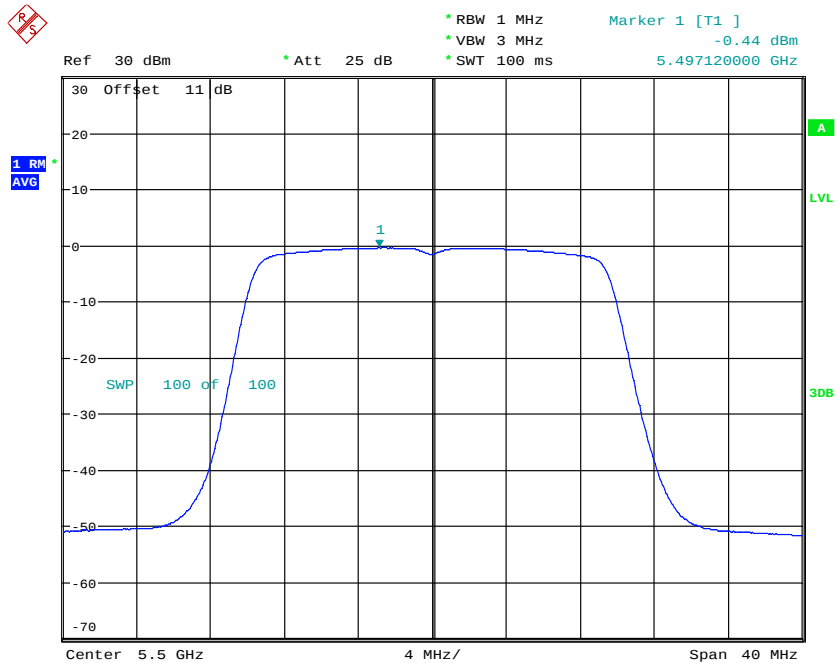
Date: 4.OCT.2024 15:34:41



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



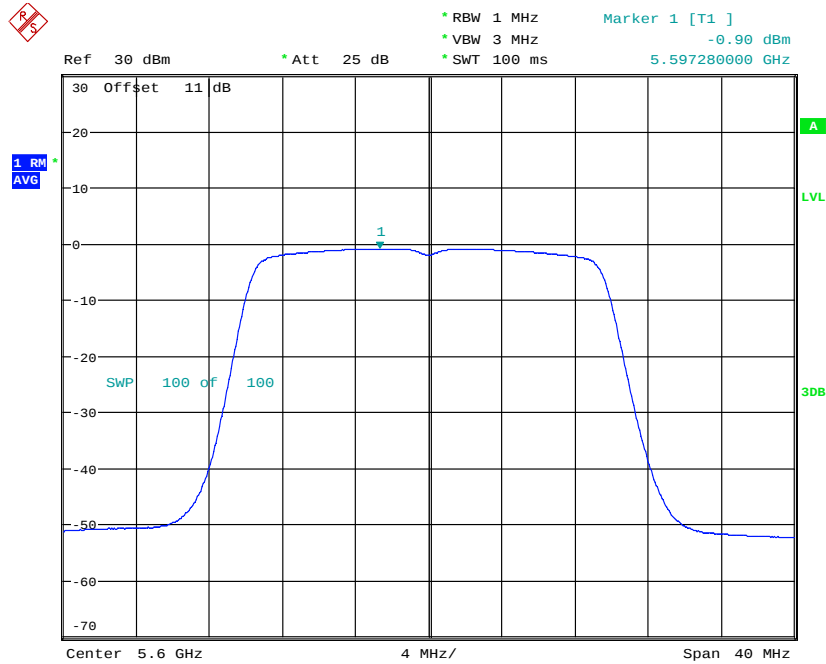
POWER DENSITY AV ANT111aCH140  
Date: 4.OCT.2024 15:35:52



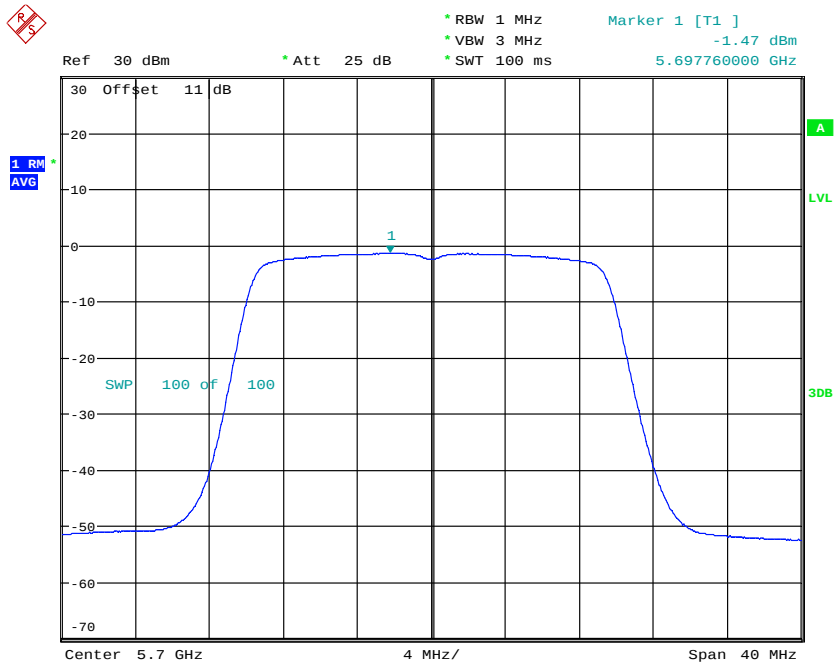
POWER DENSITY ANT\_1\_ax20\_CH100  
Date: 4.OCT.2024 17:48:35



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



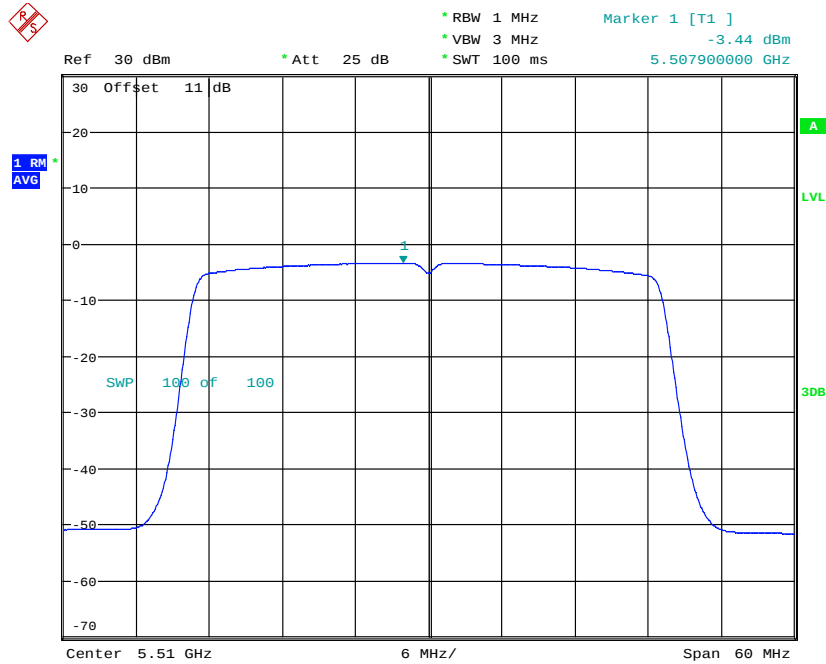
POWER DENSITY ANT\_1\_ax20\_CH120  
Date: 4.OCT.2024 19:02:21



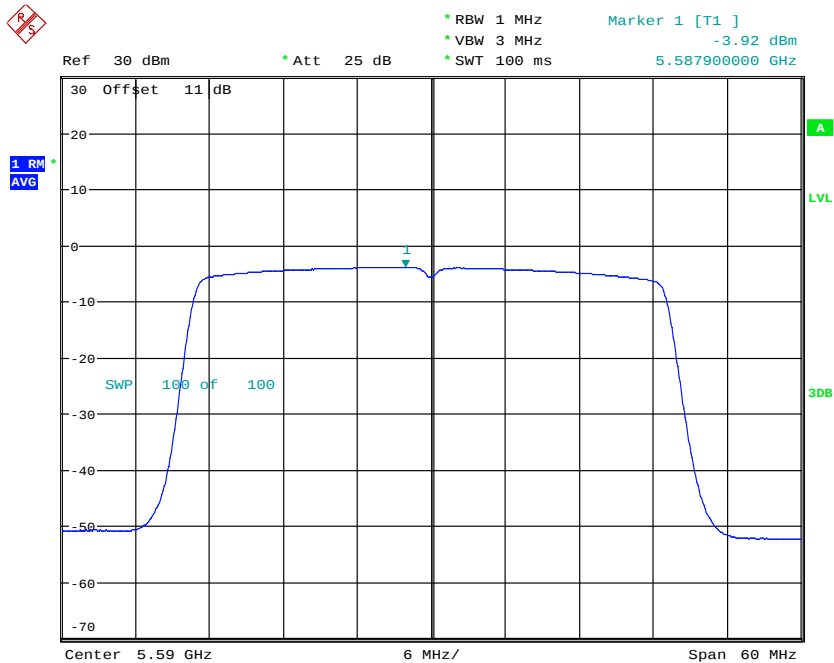
POWER DENSITY ANT\_1\_ax20\_CH140  
Date: 4.OCT.2024 19:04:36



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



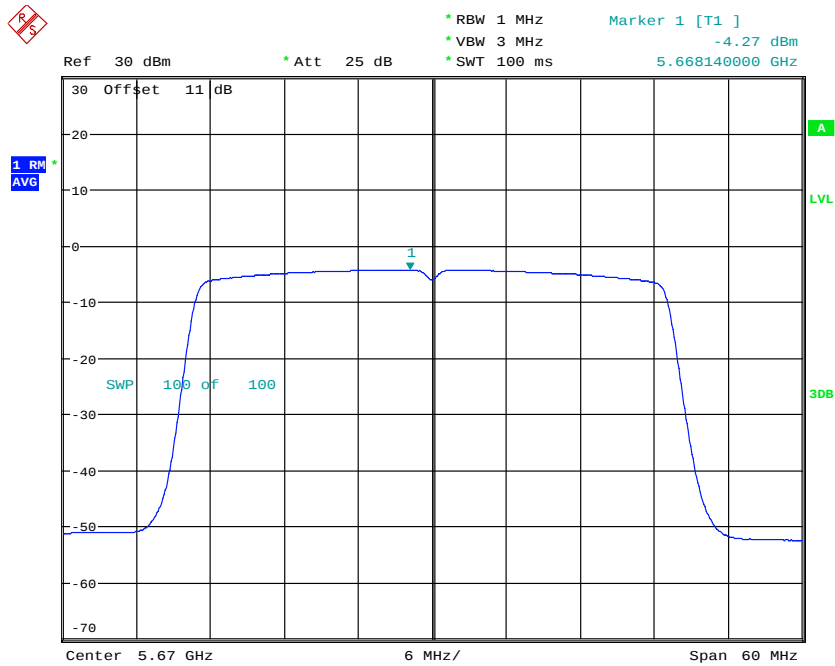
POWER DENSITY ANT\_1\_ax40\_CH102  
Date: 4.OCT.2024 19:29:45



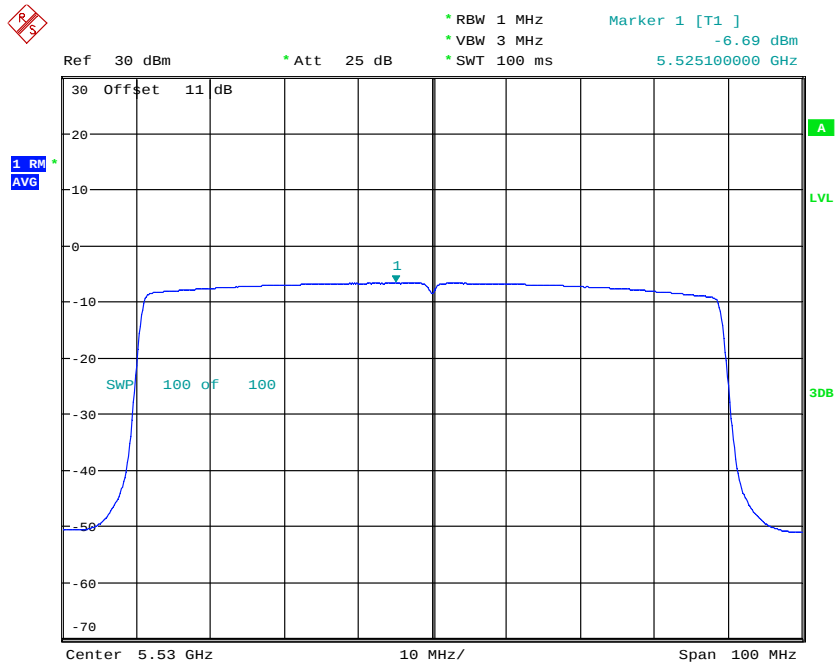
POWER DENSITY ANT\_1\_ax40\_CH118  
Date: 4.OCT.2024 19:31:48



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



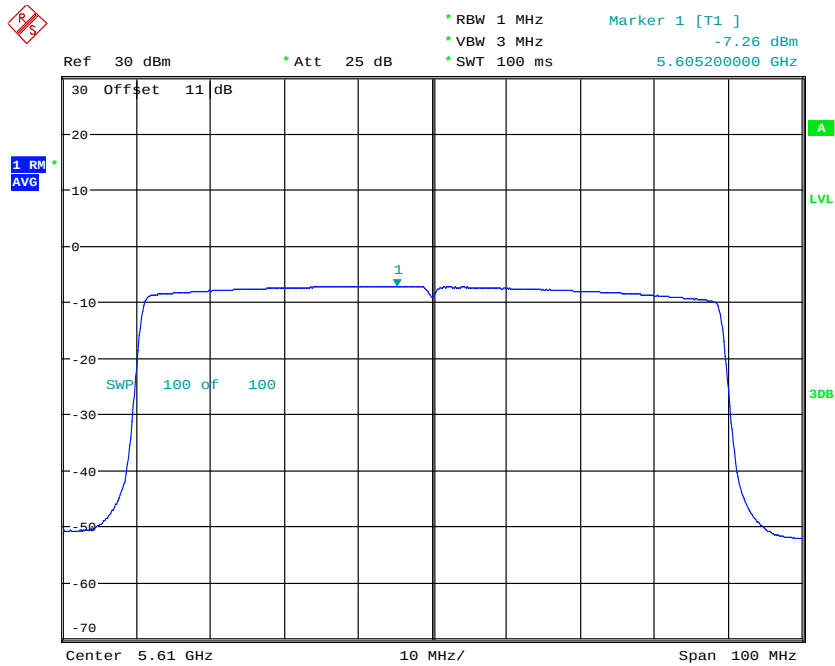
POWER DENSITY ANT\_1\_ax40\_CH134  
Date: 4.OCT.2024 19:34:32



POWER DENSITY ANT\_1\_ax80\_CH106  
Date: 4.OCT.2024 19:48:29

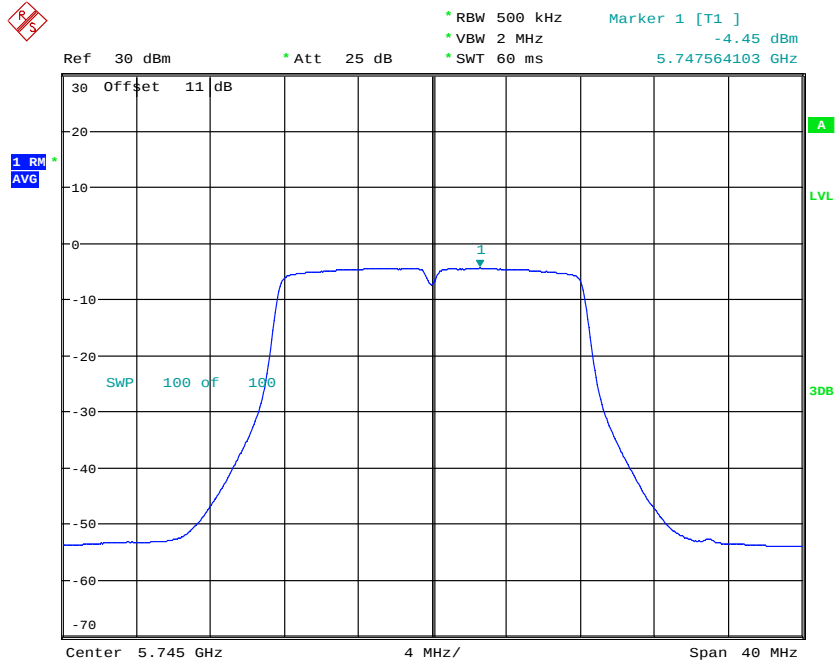


Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



POWER DENSITY ANT\_1\_ax80\_CH122  
Date: 4.OCT.2024 19:51:19

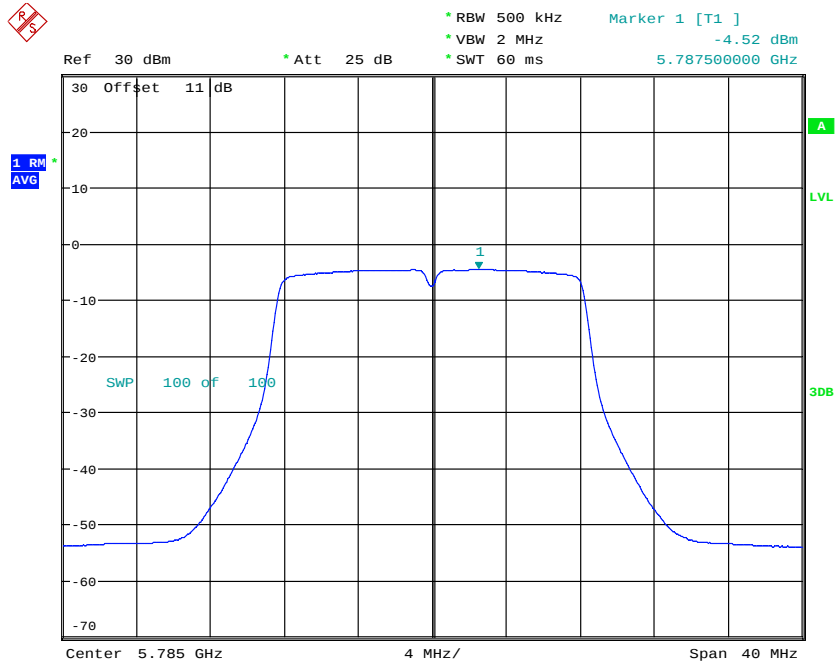
### 5.725 GHz ~ 5.85 GHz



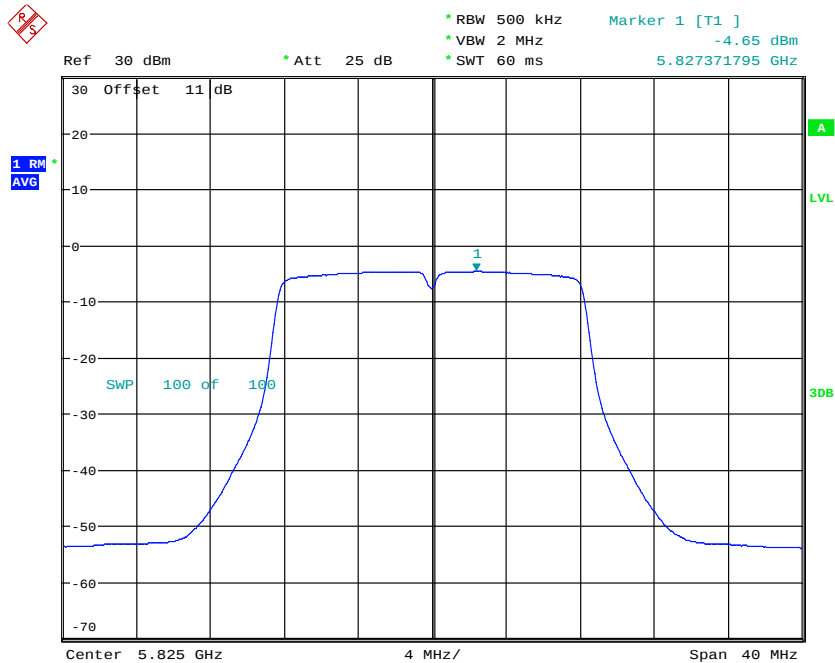
POWER DENSITY AV ANT111aCH149  
Date: 4.OCT.2024 15:39:40



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



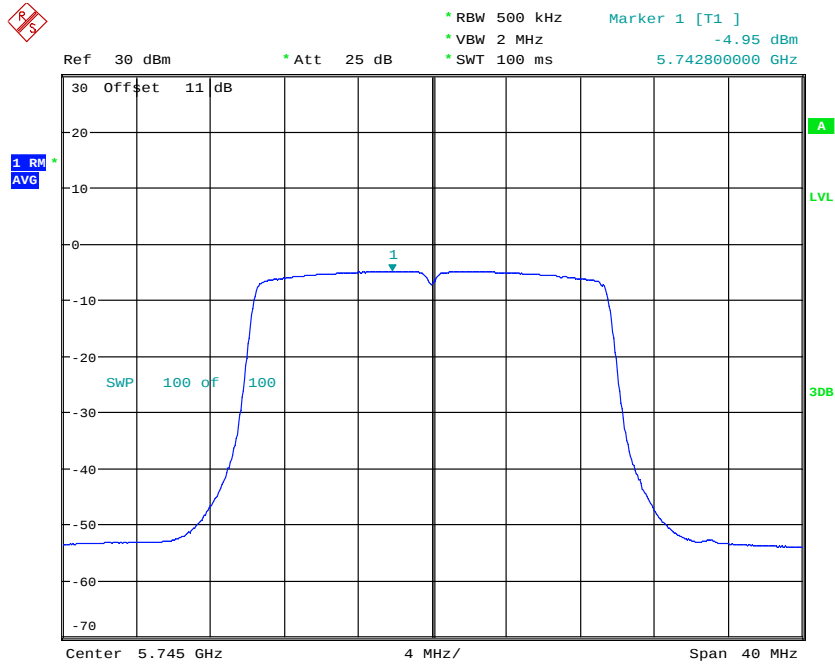
POWER DENSITY AV ANT111aCH157  
Date: 4.OCT.2024 15:41:11



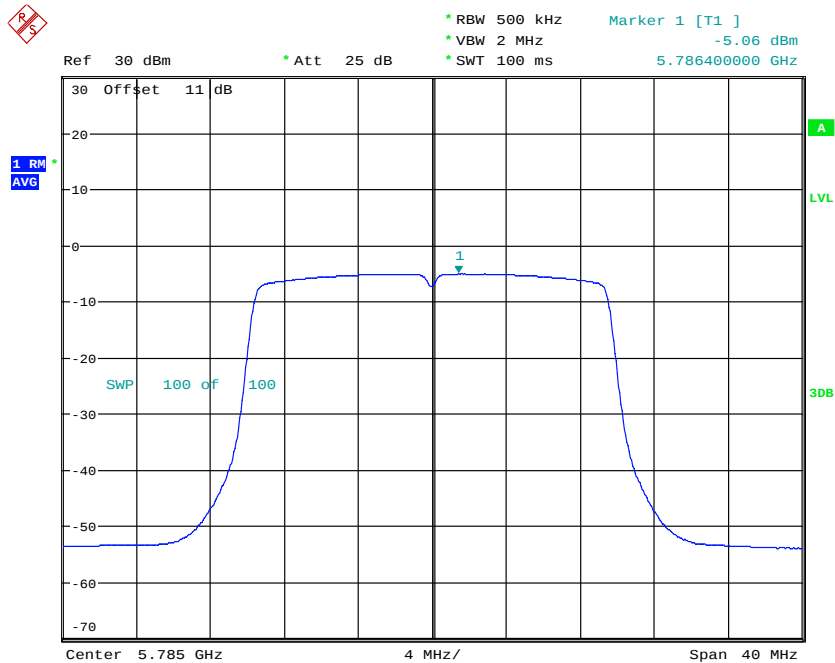
POWER DENSITY AV ANT111aCH165  
Date: 4.OCT.2024 15:42:48



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



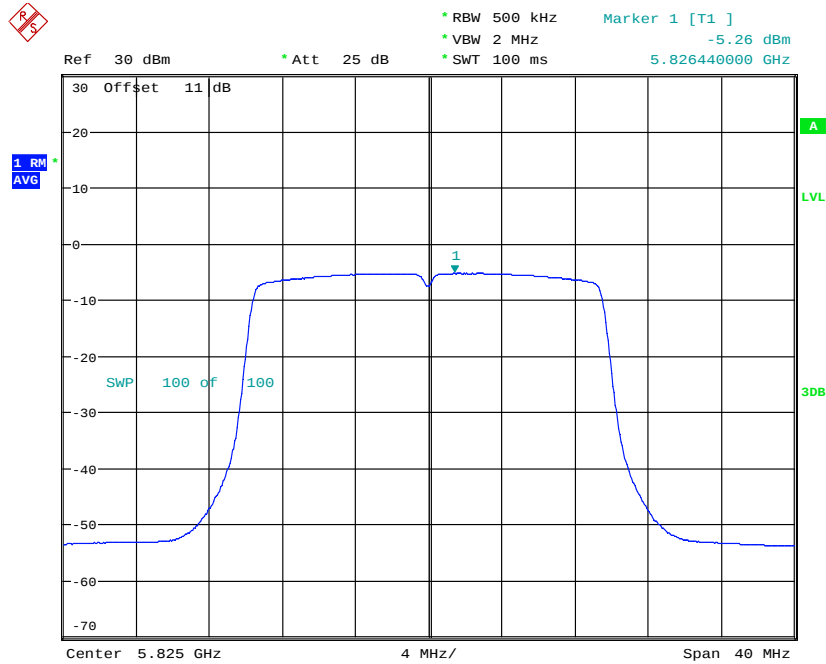
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Date: 4.OCT.2024 19:06:41



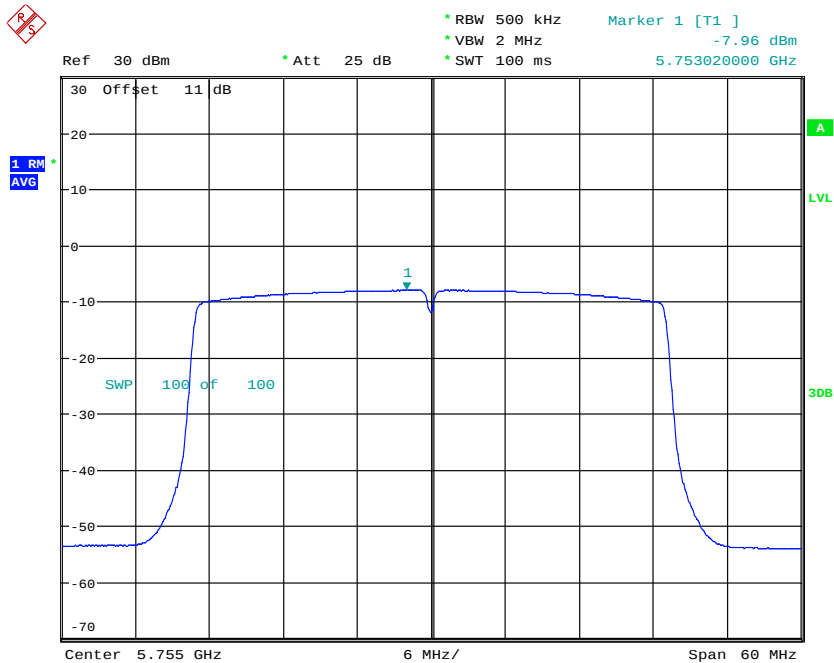
POWER DENSITY ANT\_1\_ax20\_CH157  
Date: 4.OCT.2024 19:09:14



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



POWER DENSITY ANT\_1\_ax20\_CH165  
Date: 4.OCT.2024 19:11:08

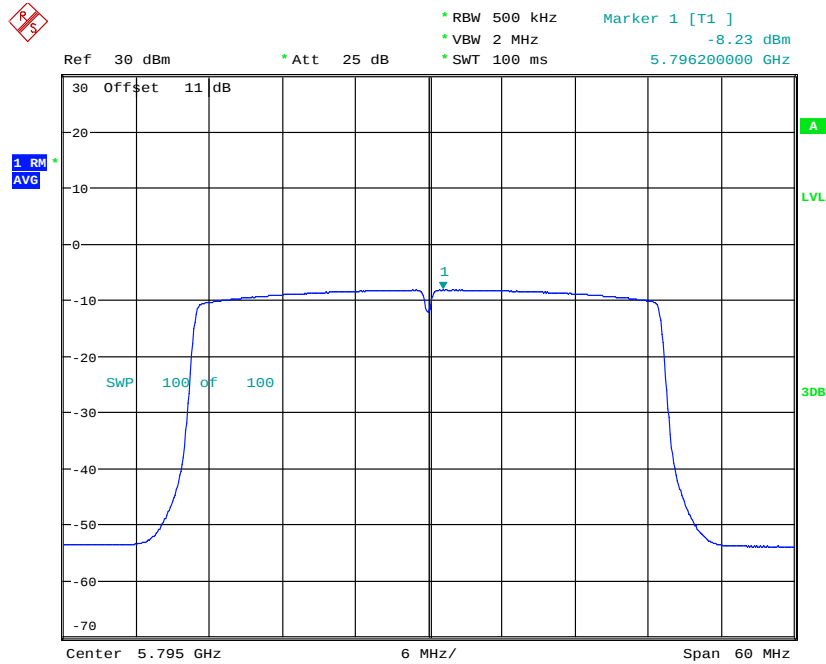


POWER DENSITY ANT\_1\_ax40\_CH151  
Date: 4.OCT.2024 19:36:47

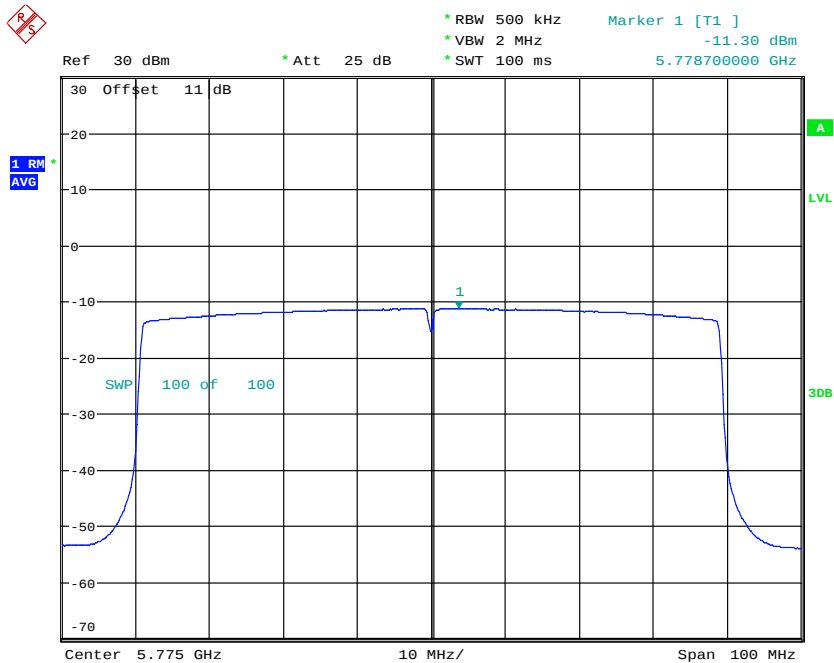


# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



POWER DENSITY ANT\_1\_ax40\_CH159  
Date: 4.OCT.2024 19:39:05



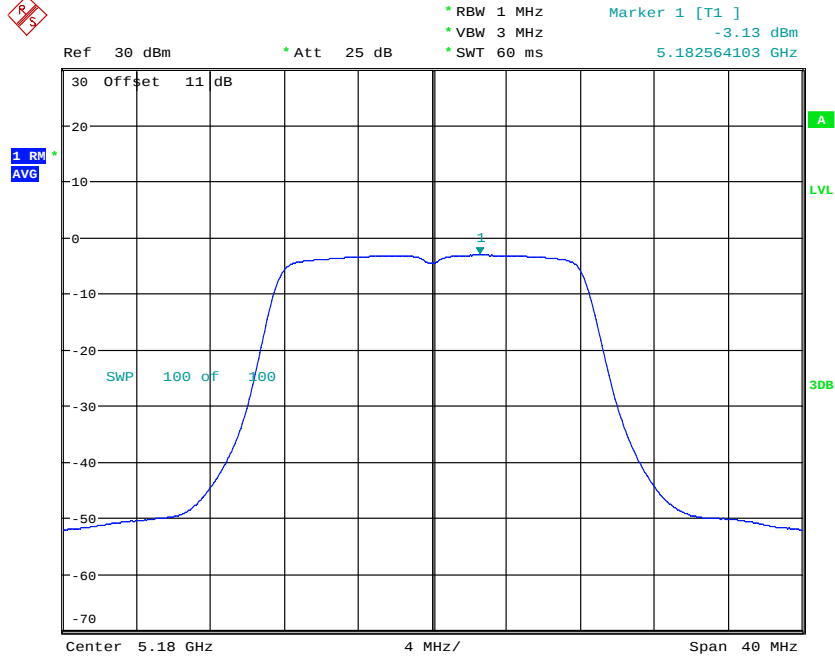
POWER DENSITY ANT\_1\_ax80\_CH155  
Date: 4.OCT.2024 19:54:11



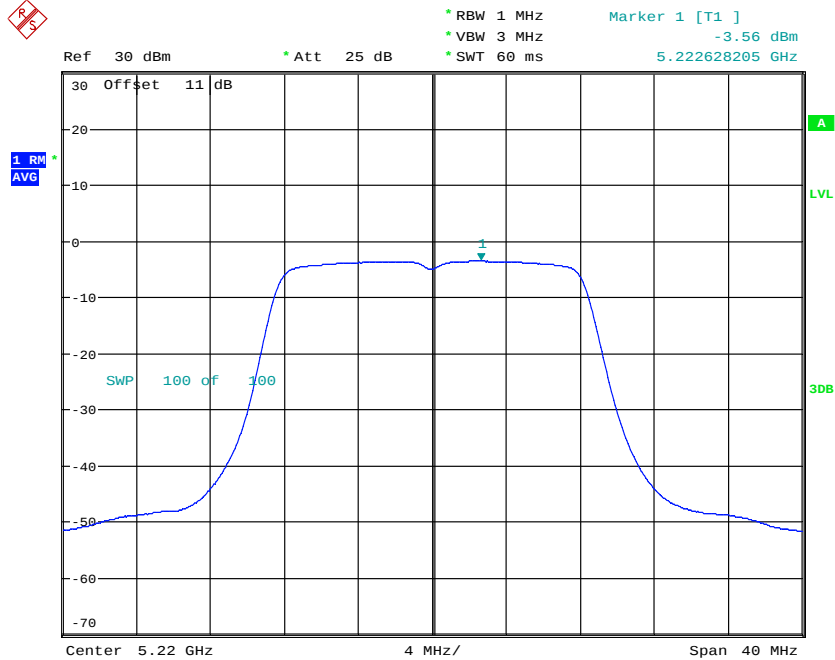
Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

**ANT 2**

**5.15 GHz ~ 5.25 GHz**



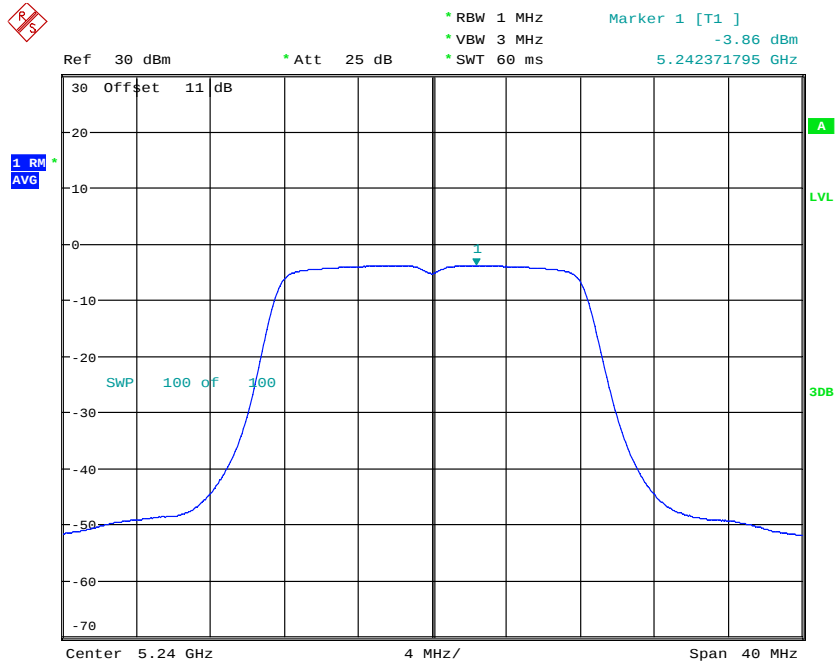
POWER DENSITY AV ANT211aCH36  
Date: 4.OCT.2024 15:54:04



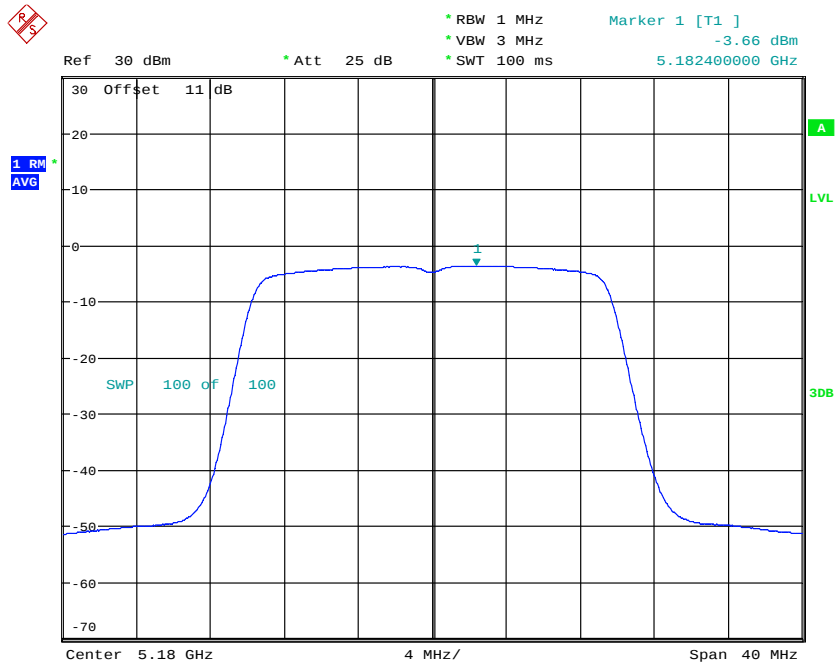
POWER DENSITY AV ANT211aCH44  
Date: 4.OCT.2024 15:55:48



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



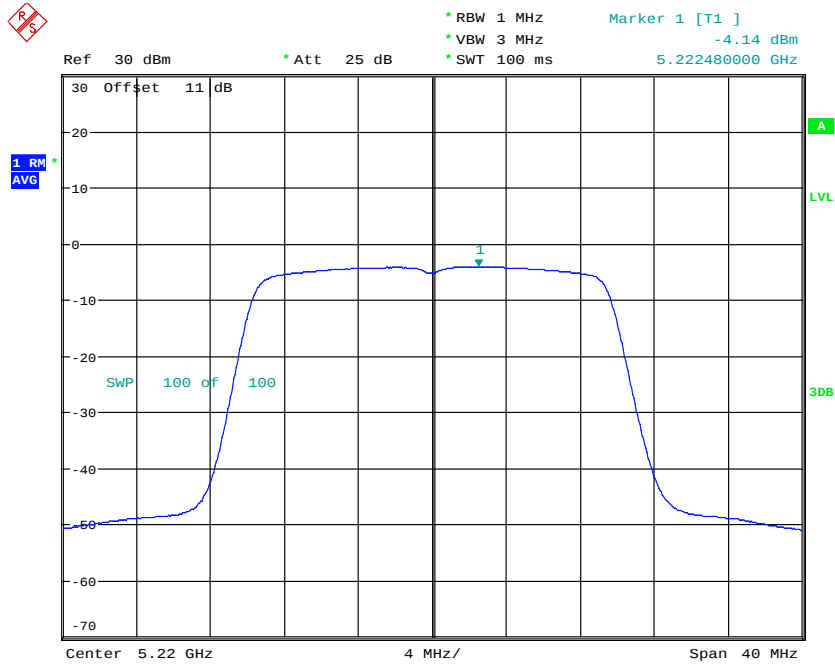
POWER DENSITY AV ANT211aCH48  
Date: 4.OCT.2024 15:56:53



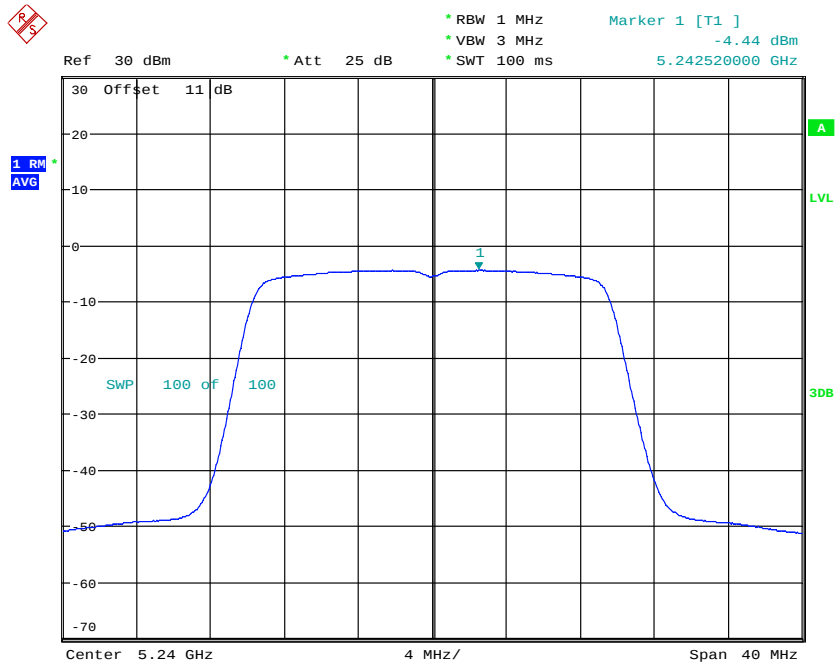
POWER DENSITY ANT\_2\_ax20\_CH36  
Date: 4.OCT.2024 17:29:48



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



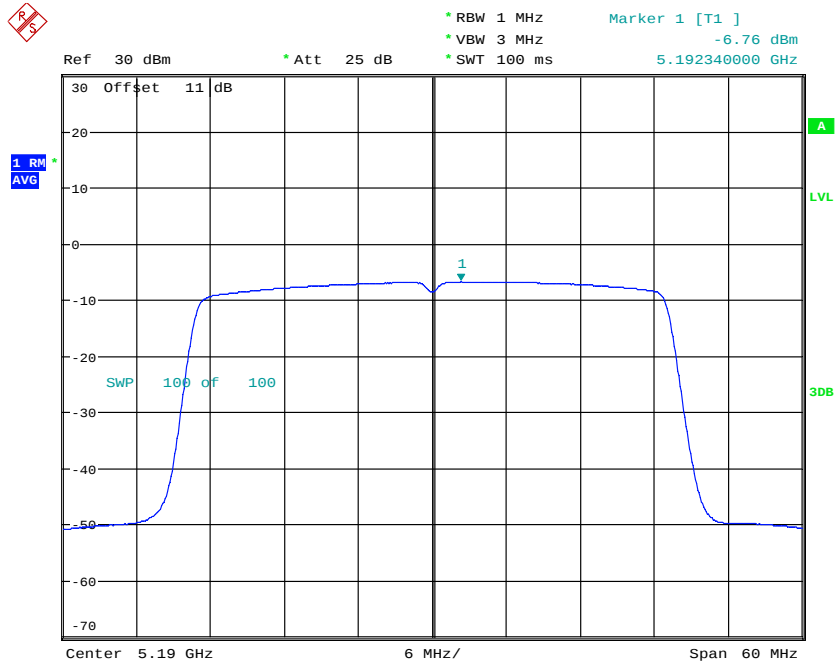
POWER DENSITY ANT\_2\_ax20\_CH44  
Date: 4.OCT.2024 17:35:29



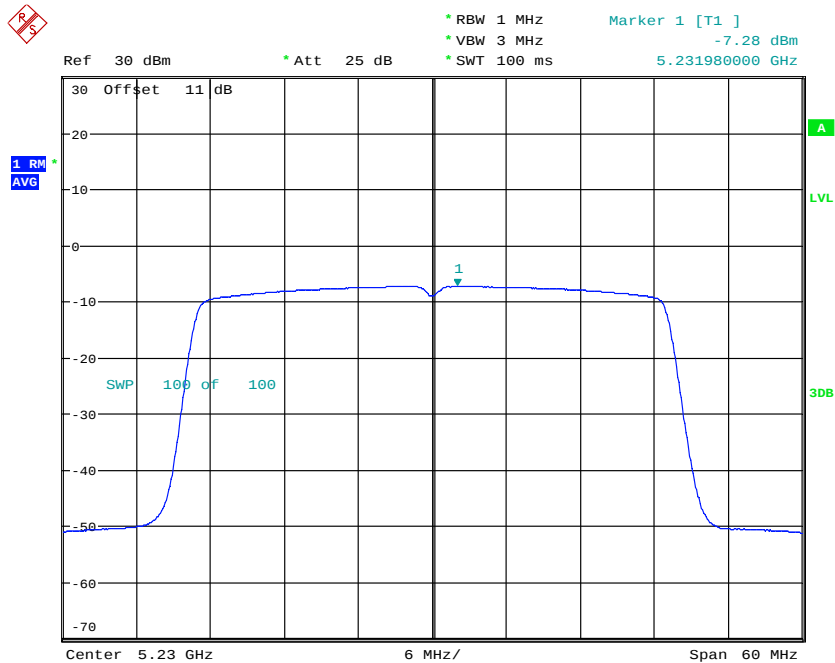
POWER DENSITY ANT\_2\_ax20\_CH48  
Date: 4.OCT.2024 17:39:50



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



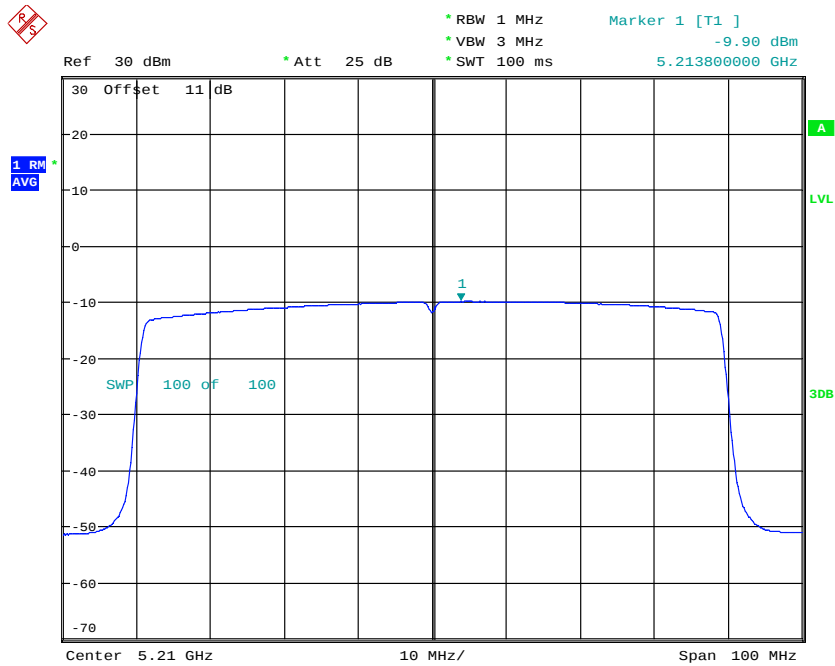
POWER DENSITY ANT\_2\_ax40\_CH38  
Date: 4.OCT.2024 19:17:04



POWER DENSITY ANT\_2\_ax40\_CH46  
Date: 4.OCT.2024 19:19:44

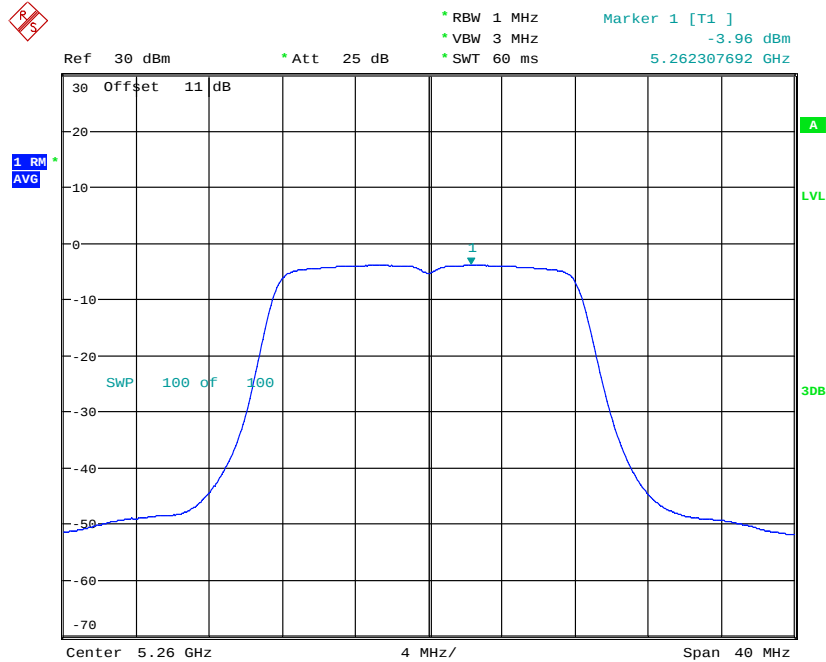


Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



POWER DENSITY ANT\_2\_ax80\_CH42  
Date: 4.OCT.2024 19:43:32

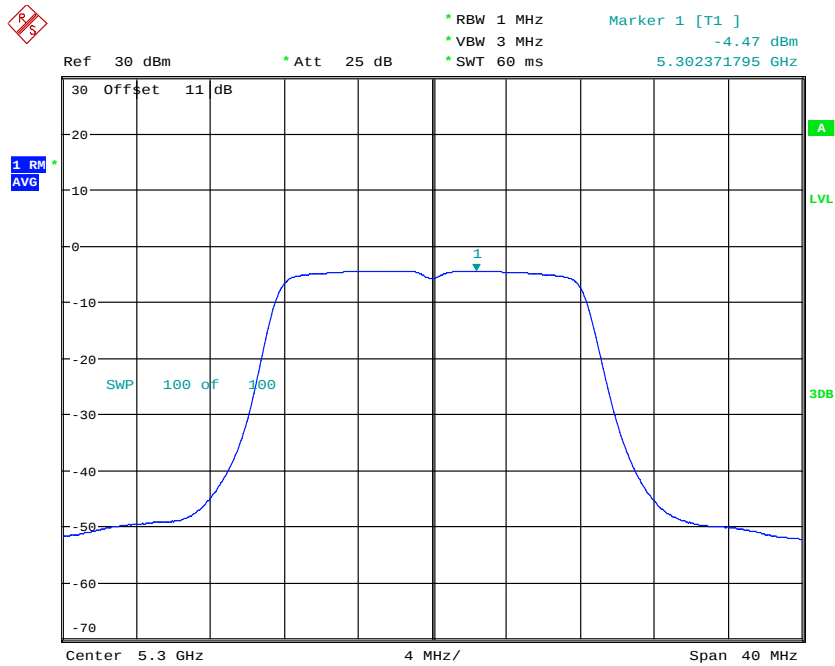
### 5.25 GHz ~ 5.35 GHz



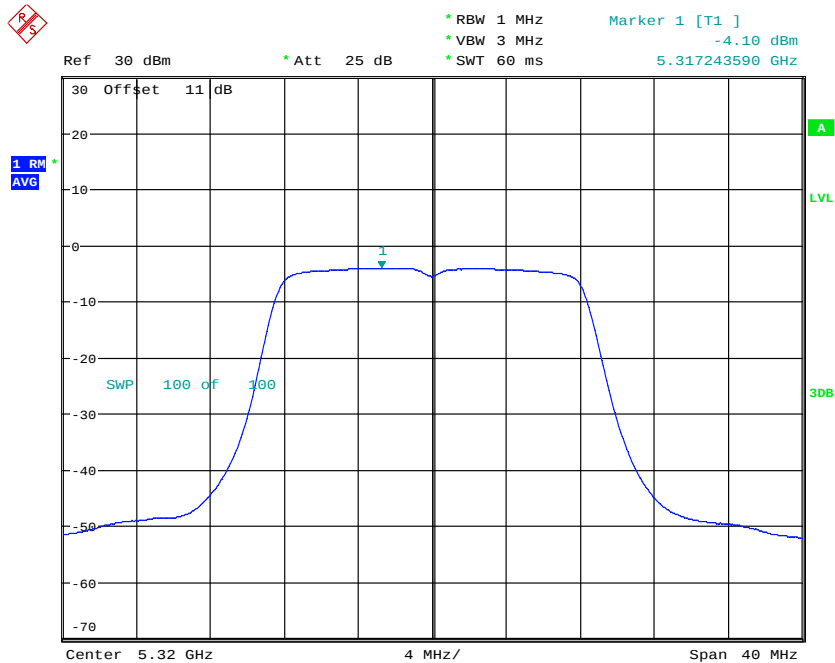
POWER DENSITY AV ANT211aCH52  
Date: 4.OCT.2024 15:58:24



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



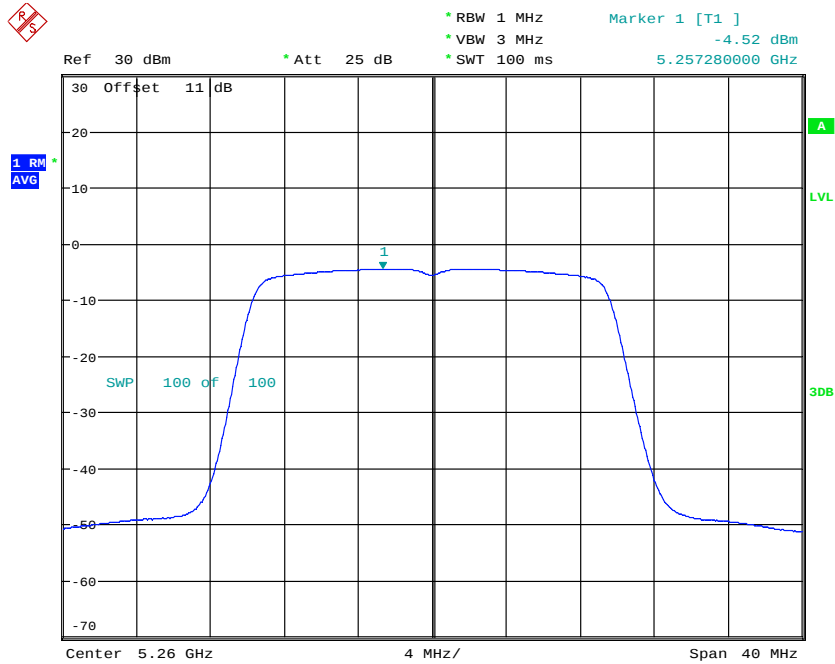
POWER DENSITY AV ANT211aCH60  
Date: 4.OCT.2024 15:59:29



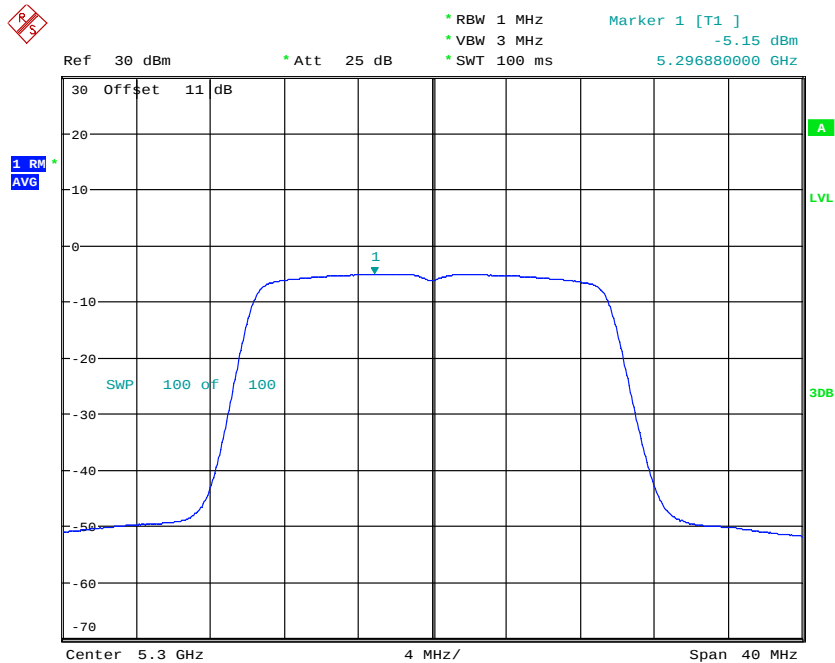
POWER DENSITY AV ANT211aCH64  
Date: 4.OCT.2024 16:01:00



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



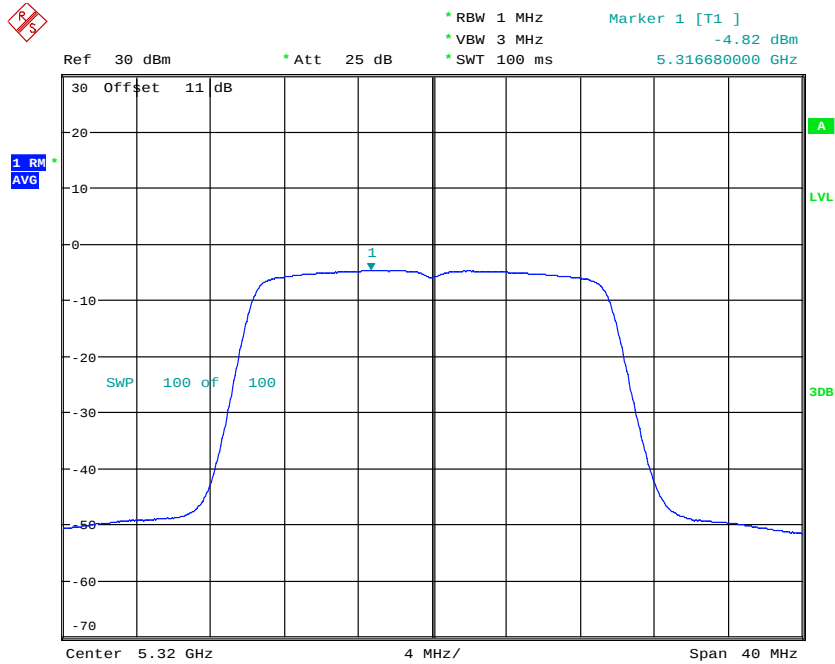
POWER DENSITY ANT\_2\_ax20\_CH52  
Date: 4.OCT.2024 17:42:31



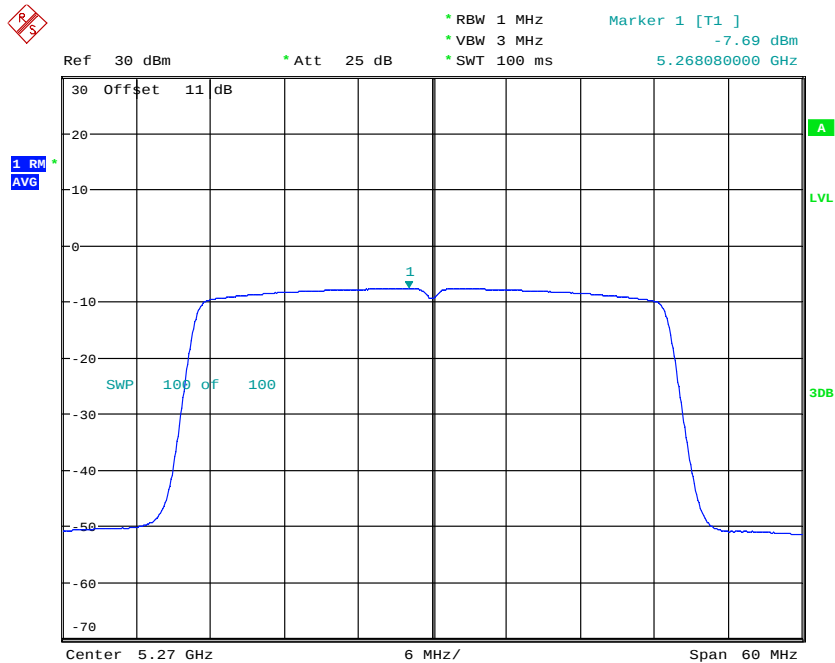
POWER DENSITY ANT\_2\_ax20\_CH60  
Date: 4.OCT.2024 17:44:30



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



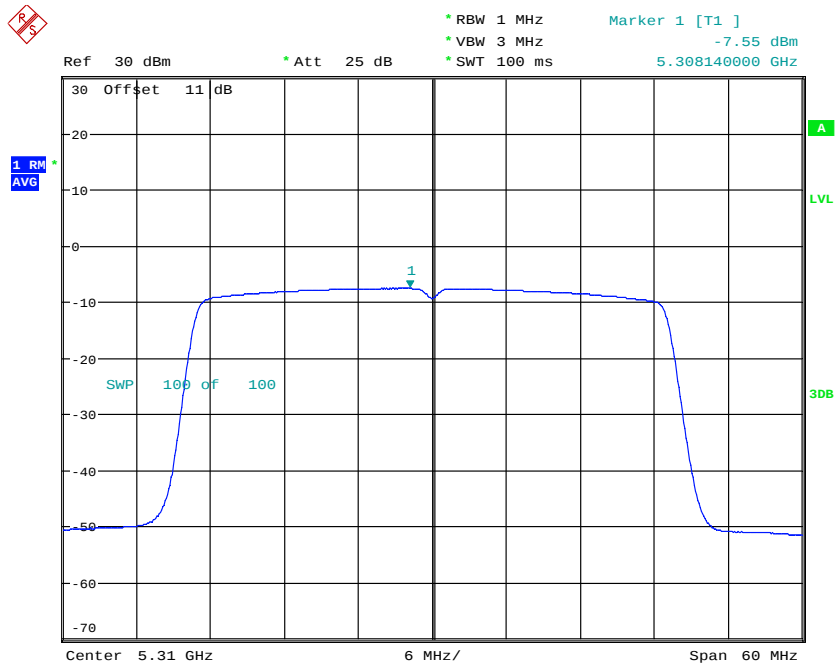
POWER DENSITY ANT\_2\_ax20\_CH64  
Date: 4.OCT.2024 17:46:28



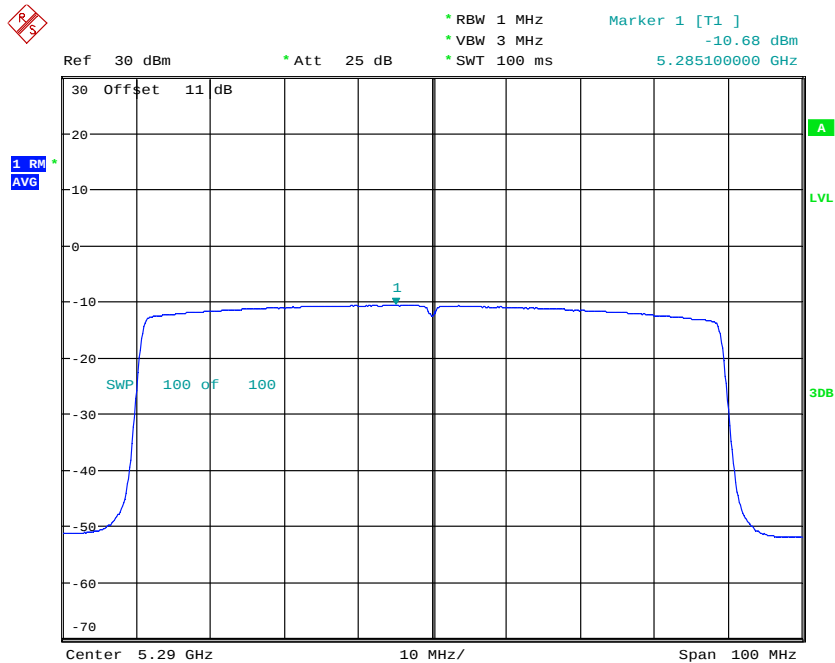
POWER DENSITY ANT\_2\_ax40\_CH54  
Date: 4.OCT.2024 19:22:15



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



POWER DENSITY ANT\_2\_ax40\_CH62  
Date: 4.OCT.2024 19:24:57



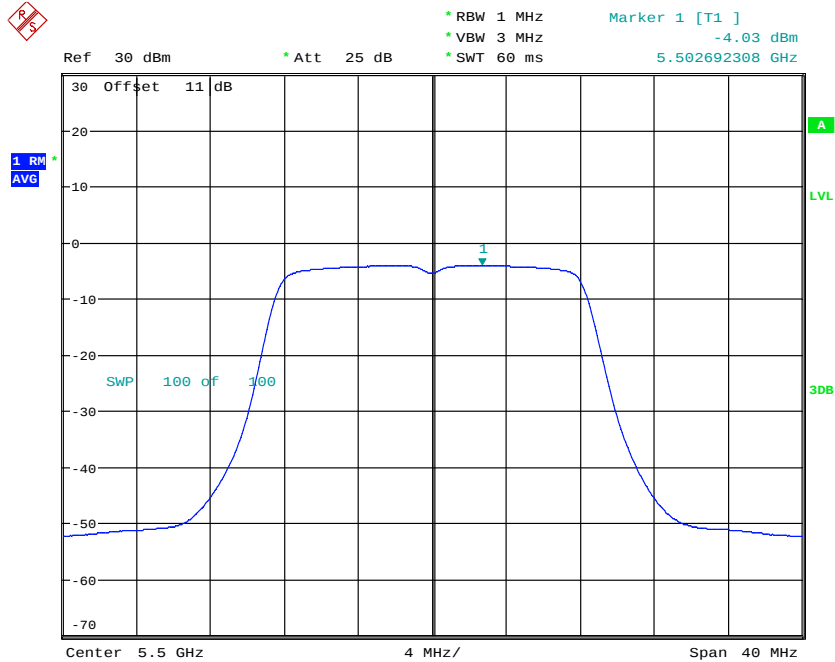
POWER DENSITY ANT\_2\_ax80\_CH58  
Date: 4.OCT.2024 19:46:34



Registration number: W6M22405-23479-C-55

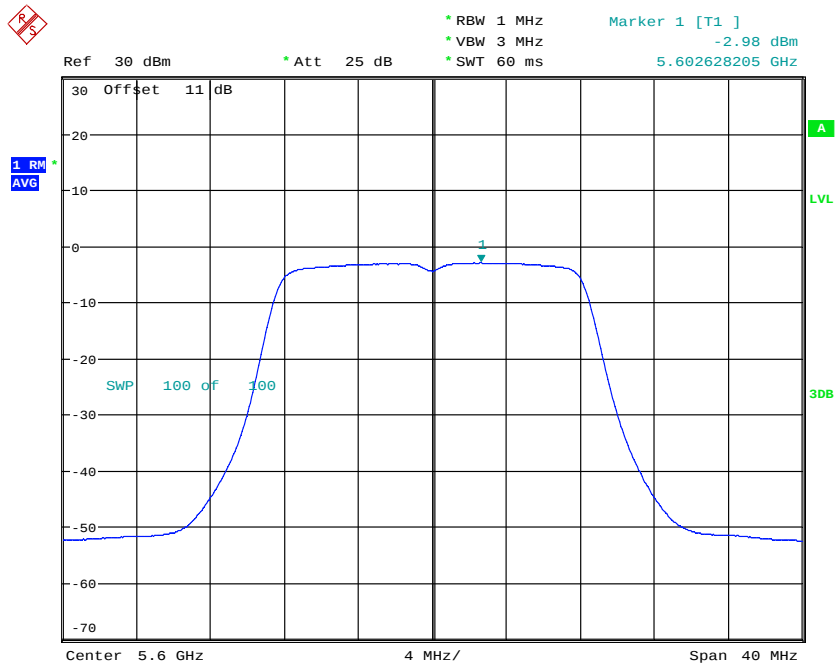
FCC ID: 2AG3J-WRPT50001

**5.47 GHz ~ 5.725 GHz**



POWER DENSITY AV ANT211aCH100

Date: 4.OCT.2024 15:49:25

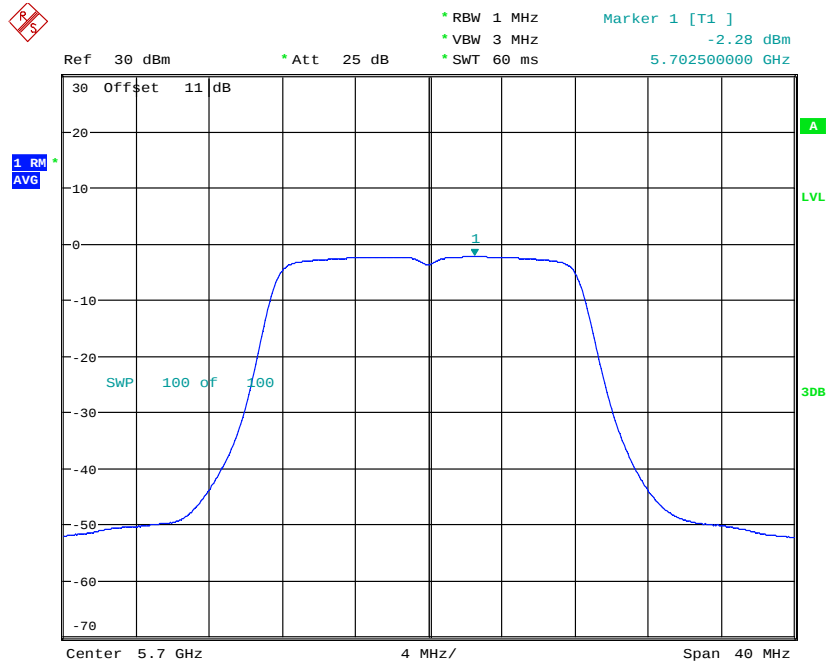


POWER DENSITY AV ANT211aCH120

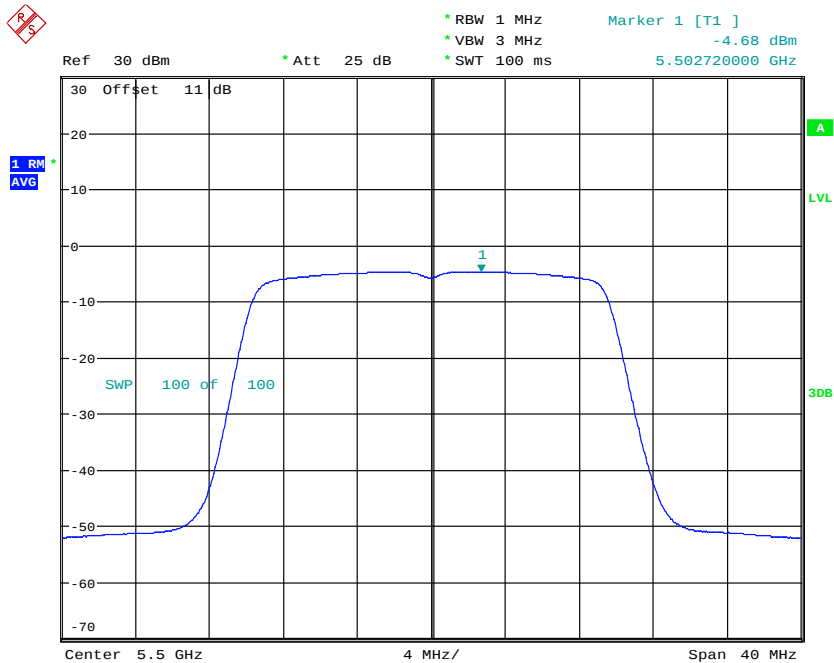
Date: 4.OCT.2024 15:50:36



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



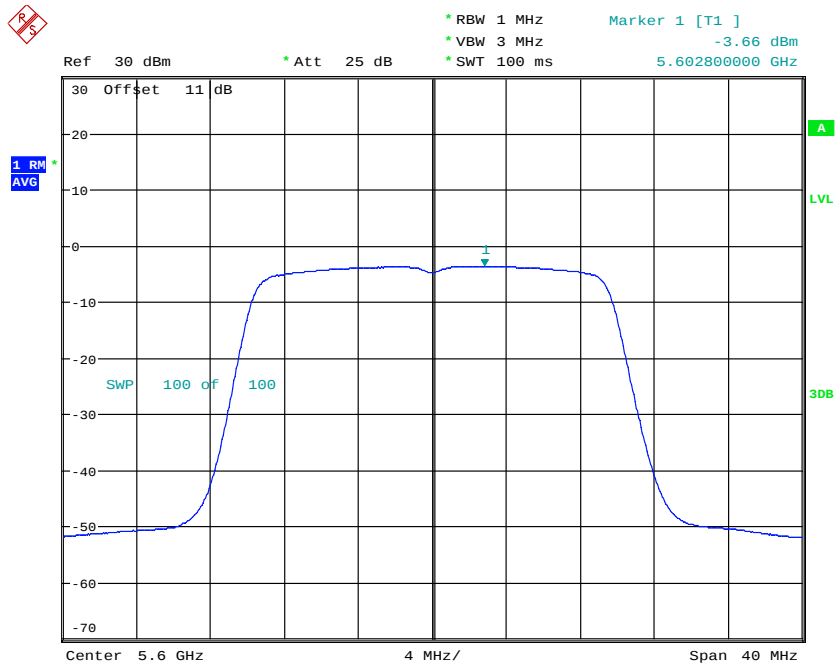
POWER DENSITY AV ANT211aCH140  
Date: 4.OCT.2024 15:51:48



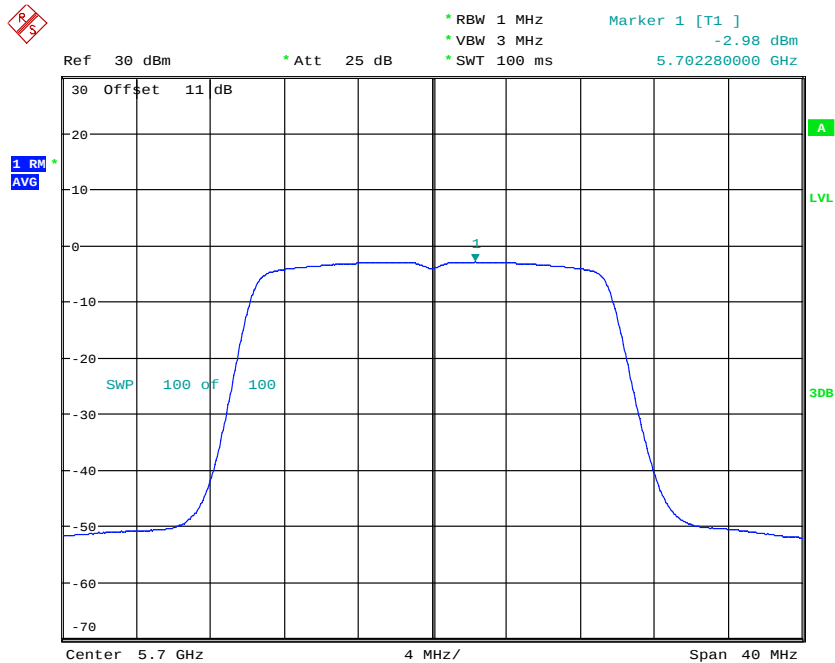
POWER DENSITY ANT\_2\_ax20\_CH100  
Date: 4.OCT.2024 17:49:10



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



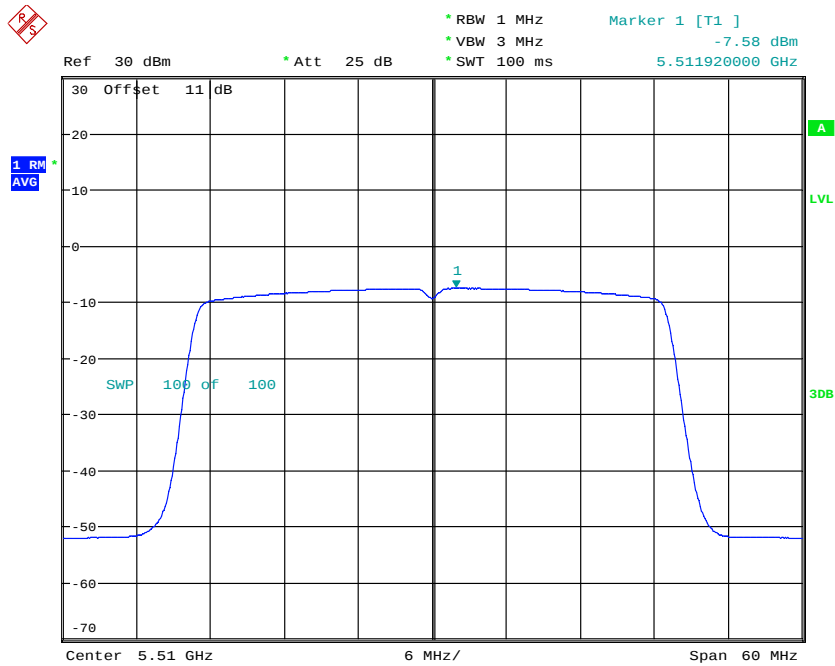
POWER DENSITY ANT\_2\_ax20\_CH120  
Date: 4.OCT.2024 19:03:08



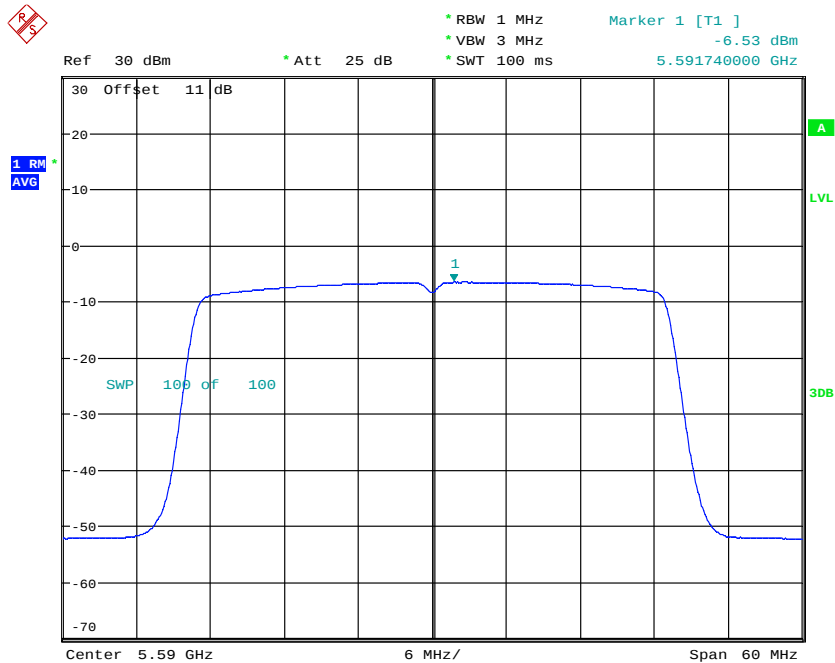
POWER DENSITY ANT\_2\_ax20\_CH140  
Date: 4.OCT.2024 19:05:11



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



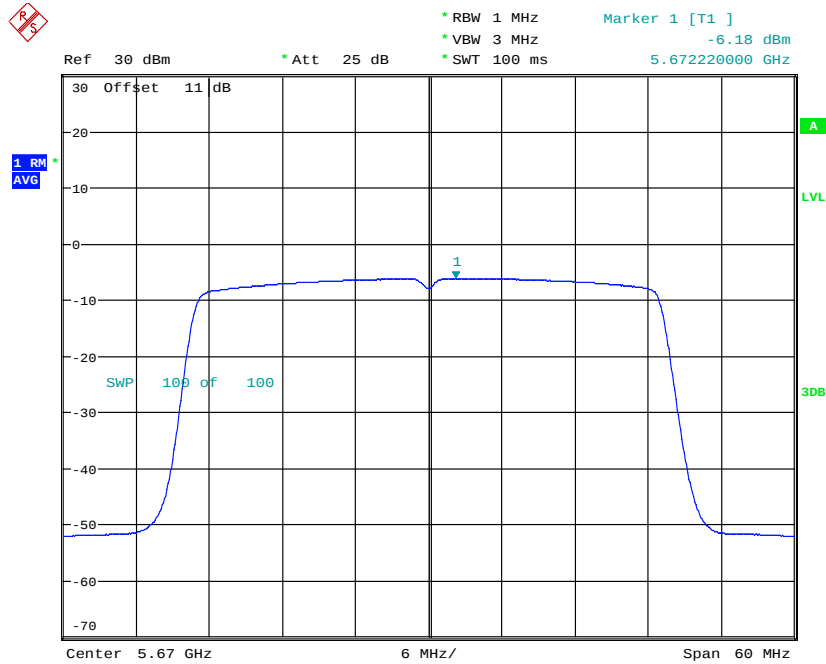
POWER DENSITY ANT\_2\_ax40\_CH102  
Date: 4.OCT.2024 19:30:25



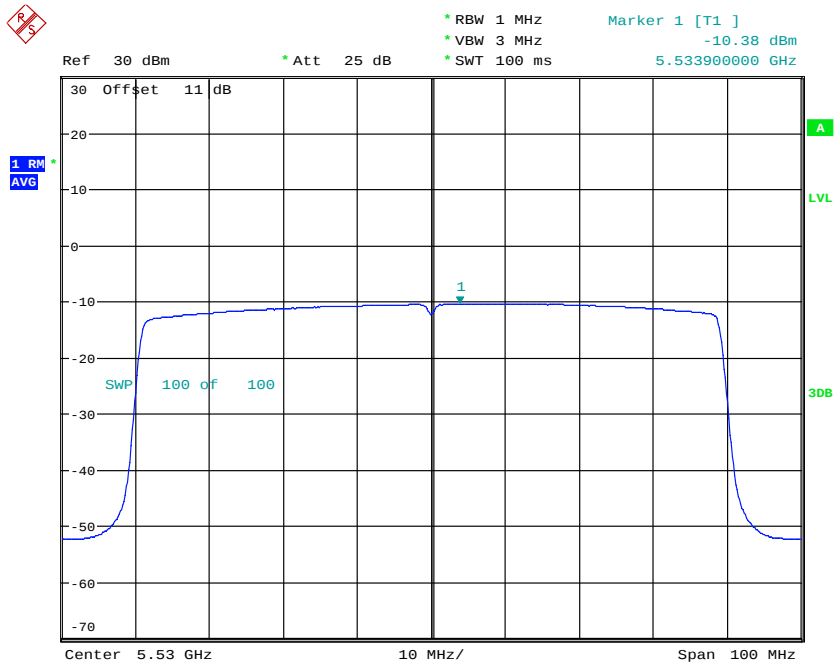
POWER DENSITY ANT\_2\_ax40\_CH118  
Date: 4.OCT.2024 19:32:42



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



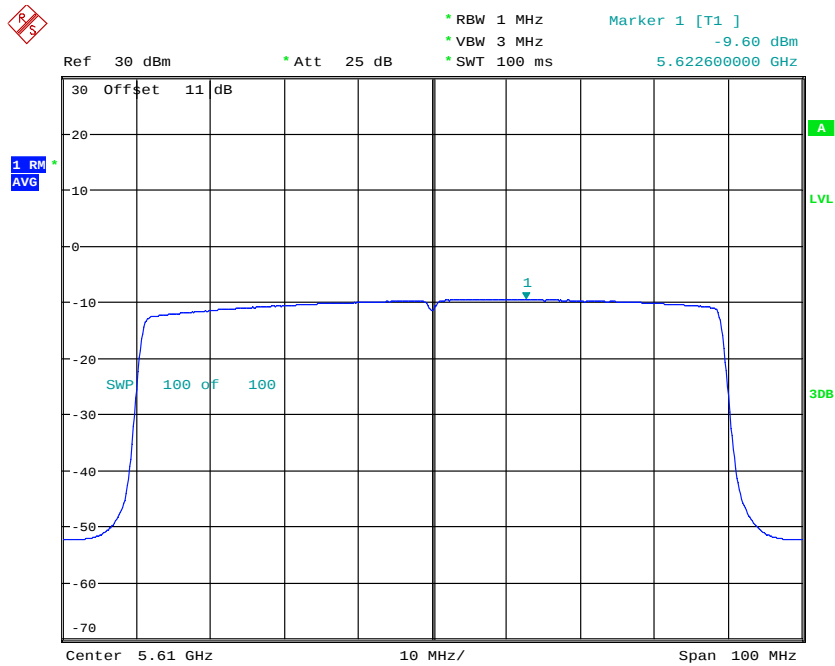
POWER DENSITY ANT\_2\_ax40\_CH134  
Date: 4.OCT.2024 19:35:13



POWER DENSITY ANT\_2\_ax80\_CH106  
Date: 4.OCT.2024 19:49:31

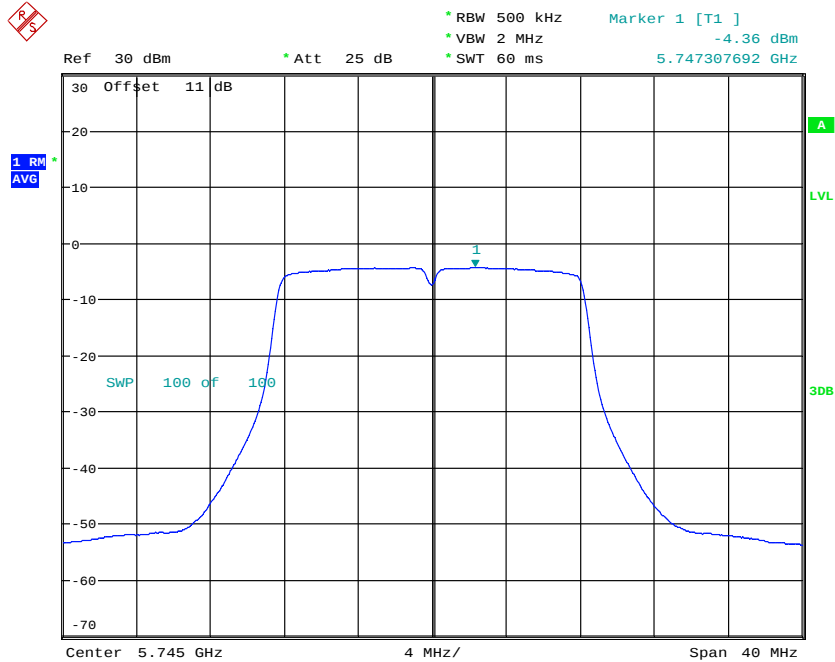


Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



POWER DENSITY ANT\_2\_ax80\_CH122  
Date: 4.OCT.2024 19:52:20

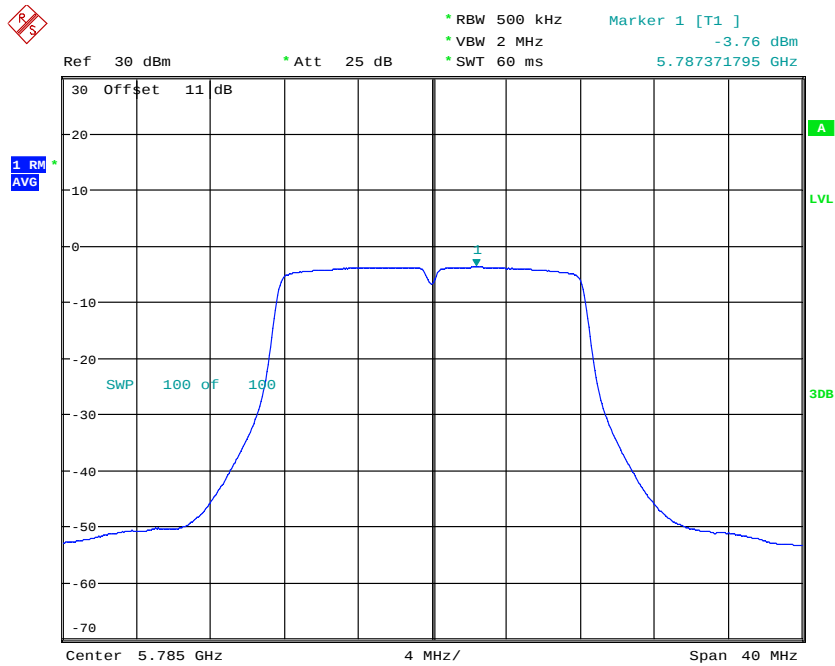
### 5.725 GHz ~ 5.85 GHz



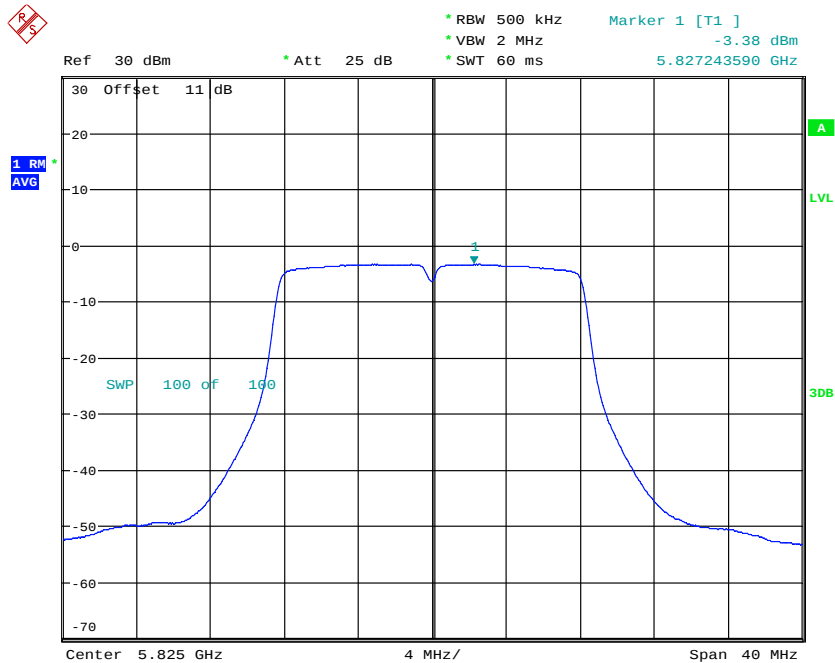
POWER DENSITY AV ANT211aCH149  
Date: 4.OCT.2024 15:44:26



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



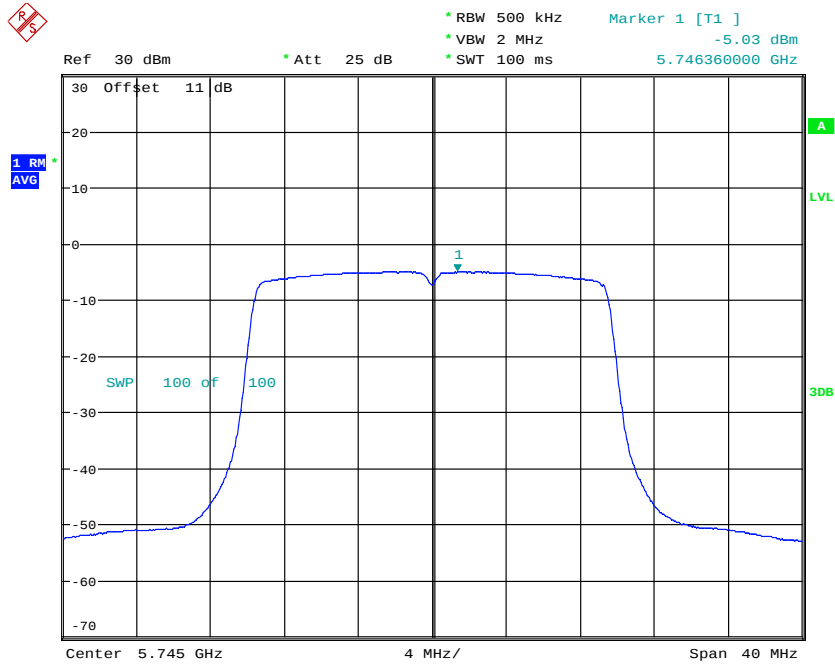
POWER DENSITY AV ANT211aCH157  
Date: 4.OCT.2024 15:45:37



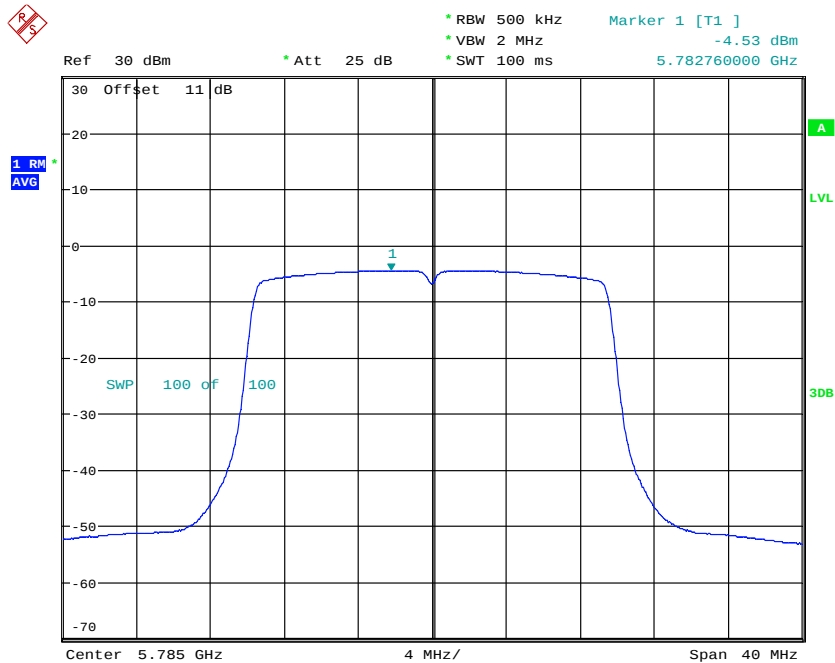
POWER DENSITY AV ANT211aCH165  
Date: 4.OCT.2024 15:46:55



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



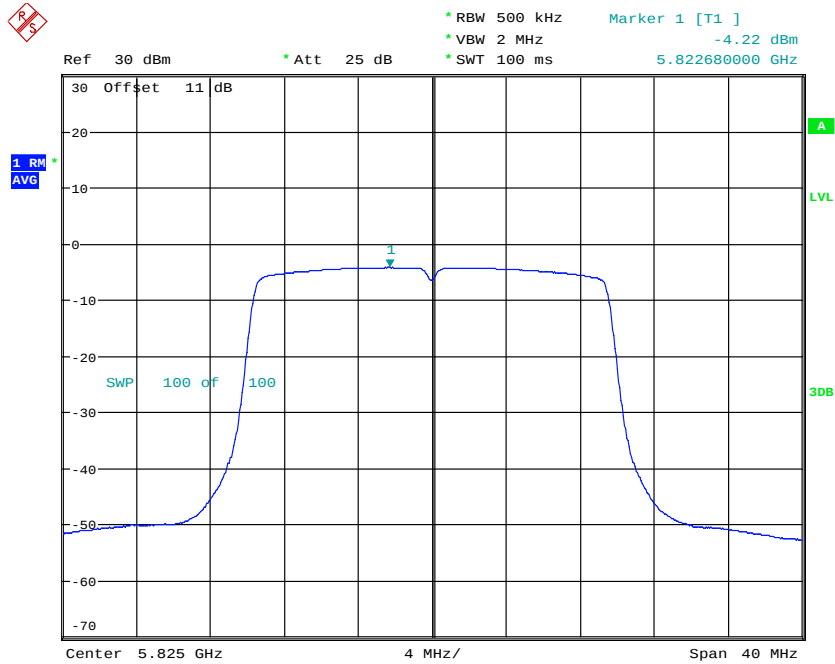
POWER DENSITY ANT\_2\_ax20\_CH149  
Date: 4.OCT.2024 19:07:27



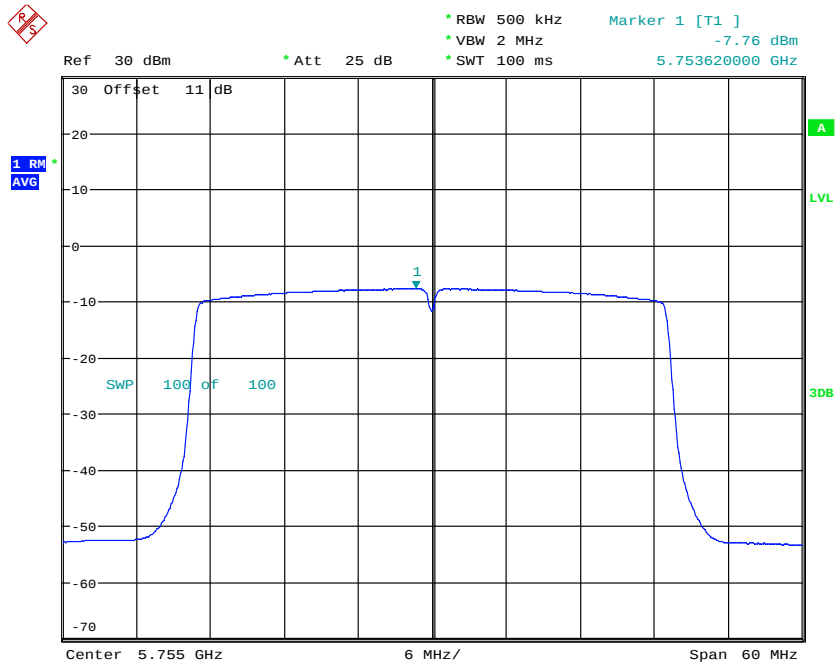
POWER DENSITY ANT\_2\_ax20\_CH157  
Date: 4.OCT.2024 19:09:49



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



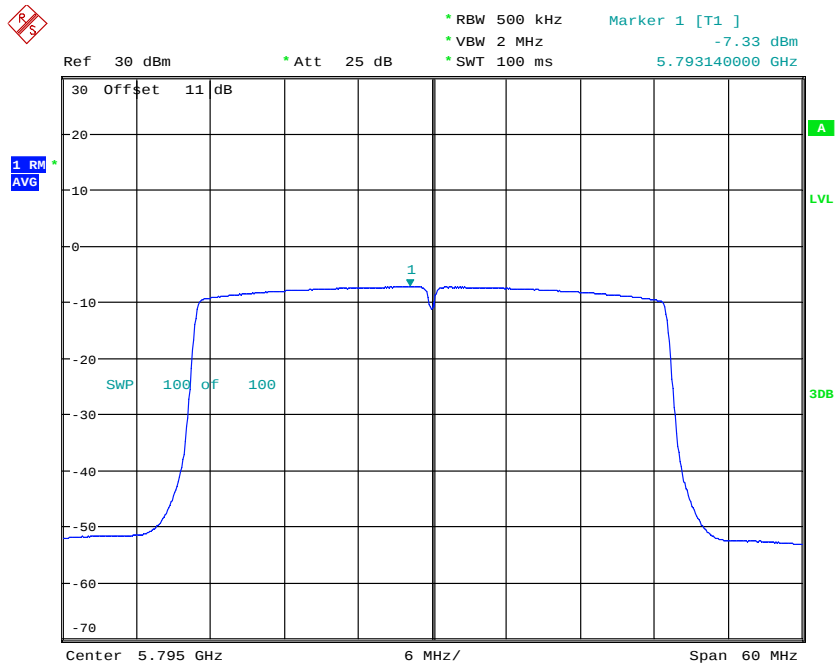
POWER DENSITY ANT\_2\_ax20\_CH165  
Date: 4.OCT.2024 19:12:35



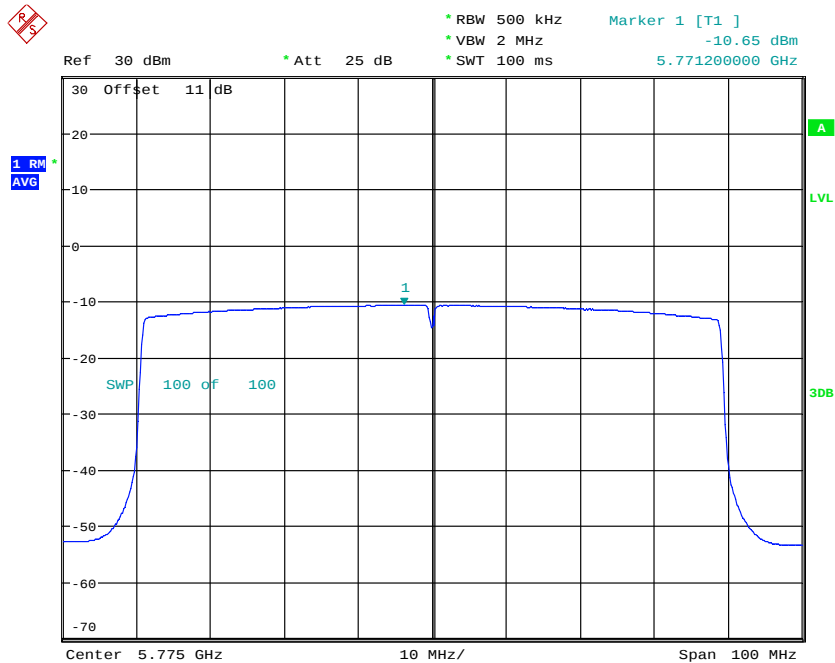
POWER DENSITY ANT\_2\_ax40\_CH151  
Date: 4.OCT.2024 19:37:23



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



POWER DENSITY ANT\_2\_ax40\_CH159  
Date: 4.OCT.2024 19:39:44



POWER DENSITY ANT\_2\_ax80\_CH155  
Date: 4.OCT.2024 19:55:11



# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22405-23479-C-55

FCC ID: 2AG3J-WRPT50001

New Testing

Test date: February 25, 2025

Temperature: 21.2 °C

Humidity: 60.0 %

Tester: Sora

| Band   | Mode           | Channel           | Conducted power with DF |                     | Combine (dBm) | DF (dB) | Limit (dBm/MHz) |
|--------|----------------|-------------------|-------------------------|---------------------|---------------|---------|-----------------|
|        |                |                   | Antenna 1 (dBm/MHz)     | Antenna 2 (dBm/MHz) |               |         |                 |
| NII-1  | 802.11a        | Ch 36 : 5180 MHz  | -0.74                   | -3.11               | -             | 0.02    | 13.90           |
|        |                | Ch 44 : 5220 MHz  | -0.37                   | -3.54               | -             | 0.02    | 13.90           |
|        |                | Ch 48 : 5240 MHz  | -0.44                   | -3.84               | -             | 0.02    | 13.90           |
|        | 802.11ax 20MHz | Ch 36 : 5180 MHz  | -1.51                   | -3.66               | 0.56          | 0.00    | 13.90           |
|        |                | Ch 44 : 5220 MHz  | -1.20                   | -4.14               | 0.58          | 0.00    | 13.90           |
|        |                | Ch 48 : 5240 MHz  | -1.21                   | -4.44               | 0.48          | 0.00    | 13.90           |
|        | 802.11ax 40MHz | Ch 38 : 5190 MHz  | -4.30                   | -6.76               | -2.35         | 0.00    | 13.90           |
|        |                | Ch 46 : 5230 MHz  | -4.00                   | -7.28               | -2.33         | 0.00    | 13.90           |
|        | 802.11ax 80MHz | Ch 42 : 5210 MHz  | -7.07                   | -9.90               | -5.25         | 0.00    | 13.90           |
| NII-2A | 802.11a        | Ch 52 : 5260 MHz  | 0.53                    | -3.94               | -             | 0.02    | 8.72            |
|        |                | Ch 60 : 5300 MHz  | 0.36                    | -4.45               | -             | 0.02    | 8.72            |
|        |                | Ch 64 : 5320 MHz  | 0.32                    | -4.08               | -             | 0.02    | 8.72            |
|        | 802.11ax 20MHz | Ch 52 : 5260 MHz  | -0.33                   | -4.52               | 1.07          | 0.00    | 8.72            |
|        |                | Ch 60 : 5300 MHz  | -0.40                   | -5.15               | 0.85          | 0.00    | 8.72            |
|        |                | Ch 64 : 5320 MHz  | -0.44                   | -4.82               | 0.91          | 0.00    | 8.72            |
|        | 802.11ax 40MHz | Ch 54 : 5270 MHz  | -3.12                   | -7.69               | -1.82         | 0.00    | 8.72            |
|        |                | Ch 62 : 5310 MHz  | -3.21                   | -7.55               | -1.85         | 0.00    | 8.72            |
|        | 802.11ax 80MHz | Ch 58 : 5290 MHz  | -6.12                   | -10.68              | -4.82         | 0.00    | 8.72            |
| NII-2C | 802.11a        | Ch 100 : 5500 MHz | 0.11                    | -4.01               | -             | 0.02    | 8.07            |
|        |                | Ch 120 : 5600 MHz | -0.58                   | -2.96               | -             | 0.02    | 8.07            |
|        |                | Ch 140 : 5700 MHz | -1.04                   | -2.26               | -             | 0.02    | 8.07            |
|        | 802.11ax 20MHz | Ch 100 : 5500 MHz | -0.44                   | -4.68               | 0.95          | 0.00    | 8.07            |
|        |                | Ch 120 : 5600 MHz | -0.90                   | -3.66               | 0.95          | 0.00    | 8.07            |
|        |                | Ch 140 : 5700 MHz | -1.47                   | -2.98               | 0.85          | 0.00    | 8.07            |
|        | 802.11ax 40MHz | Ch 102 : 5510 MHz | -3.44                   | -7.58               | -2.02         | 0.00    | 8.07            |
|        |                | Ch 118 : 5590 MHz | -3.92                   | -6.53               | -2.02         | 0.00    | 8.07            |
|        |                | Ch 134 : 5670 MHz | -4.27                   | -6.18               | -2.11         | 0.00    | 8.07            |
|        |                | Ch 106 : 5530 MHz | -6.69                   | -10.38              | -5.14         | 0.00    | 8.07            |



# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22405-23479-C-55

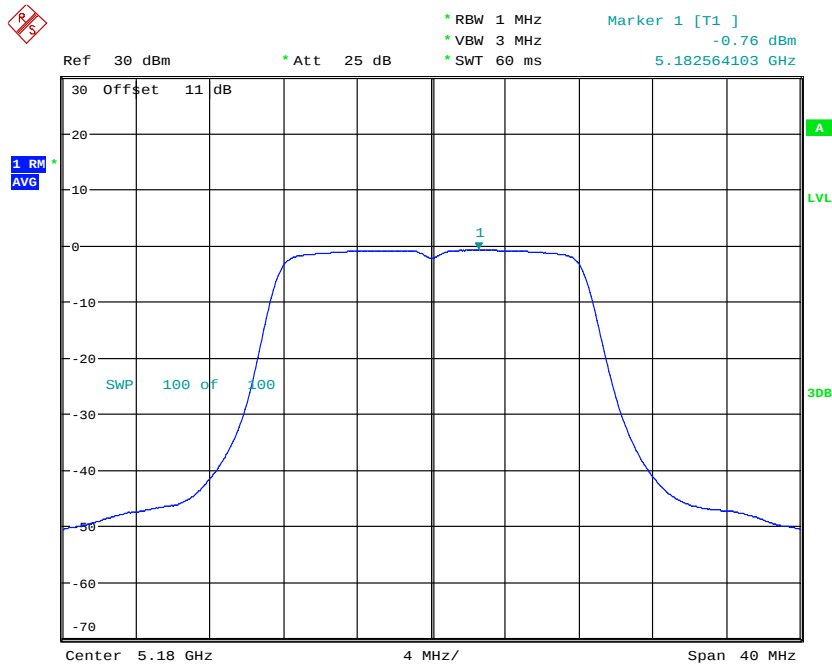
FCC ID: 2AG3J-WRPT50001

|              |                           |                   |        |        |       |      |       |
|--------------|---------------------------|-------------------|--------|--------|-------|------|-------|
|              | <b>802.11ax<br/>80MHz</b> | Ch 122 : 5610 MHz | -7.26  | -9.60  | -5.26 | 0.00 | 8.07  |
| <b>NII-3</b> | <b>802.11a</b>            | Ch 149 : 5745 MHz | -4.43  | -5.44  | -     | 0.02 | 27.07 |
|              |                           | Ch 157 : 5785 MHz | -4.50  | -5.15  | -     | 0.02 | 27.07 |
|              |                           | Ch 165 : 5825 MHz | -4.63  | -4.82  | -     | 0.02 | 27.07 |
|              | <b>802.11ax<br/>20MHz</b> | Ch 149 : 5745 MHz | -4.95  | -6.09  | -2.47 | 0.00 | 27.07 |
|              |                           | Ch 157 : 5785 MHz | -5.06  | -5.56  | -2.29 | 0.00 | 27.07 |
|              |                           | Ch 165 : 5825 MHz | -5.26  | -5.32  | -2.28 | 0.00 | 27.07 |
|              | <b>802.11ax<br/>40MHz</b> | Ch 151 : 5755 MHz | -7.96  | -8.90  | -5.39 | 0.00 | 27.07 |
|              |                           | Ch 159 : 5795 MHz | -8.23  | -8.32  | -5.26 | 0.00 | 27.07 |
|              | <b>802.11ax<br/>80MHz</b> | Ch 155 : 5775 MHz | -11.30 | -11.56 | -8.42 | 0.00 | 27.07 |

Note : NII-3 Limit is dBm/500kHz

## ANT 1

5.15 GHz ~ 5.25 GHz

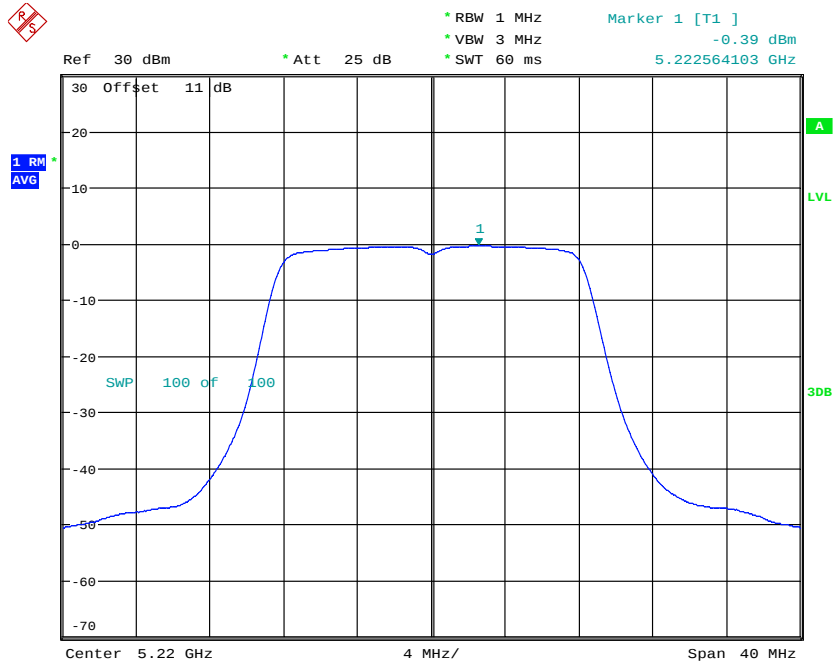


POWER DENSITY AV ANT111aCH36

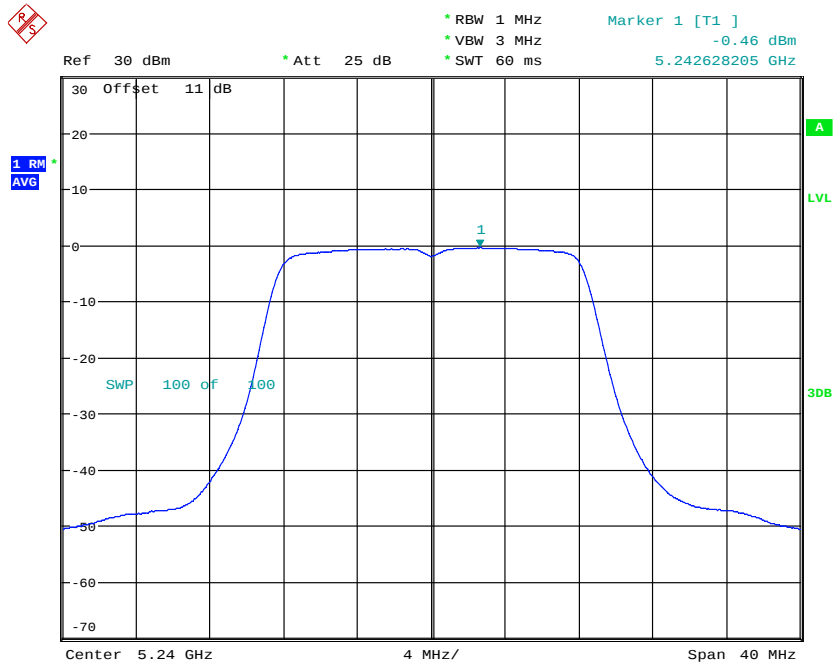
Date: 25.FEB.2025 12:45:32



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



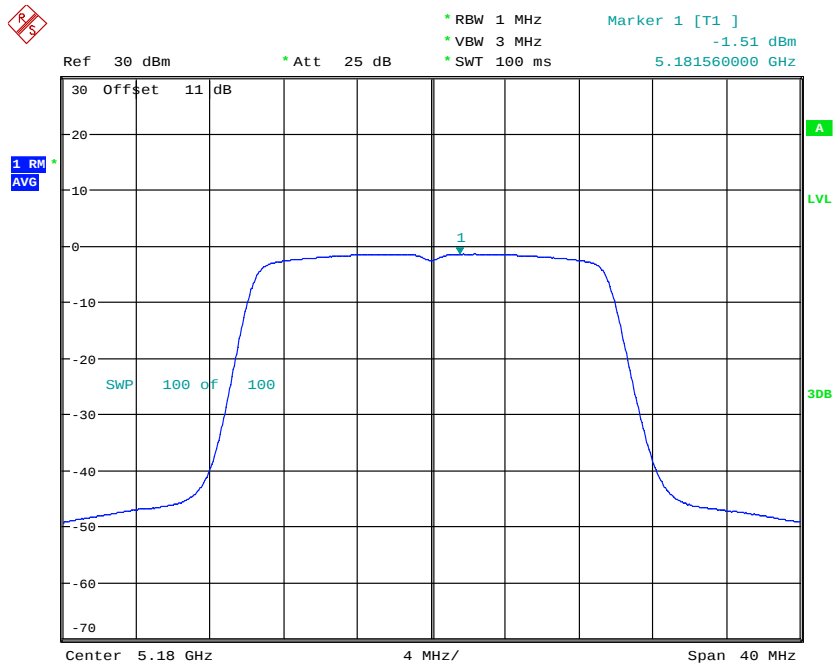
POWER DENSITY AV ANT111aCH44  
Date: 25.FEB.2025 12:46:37



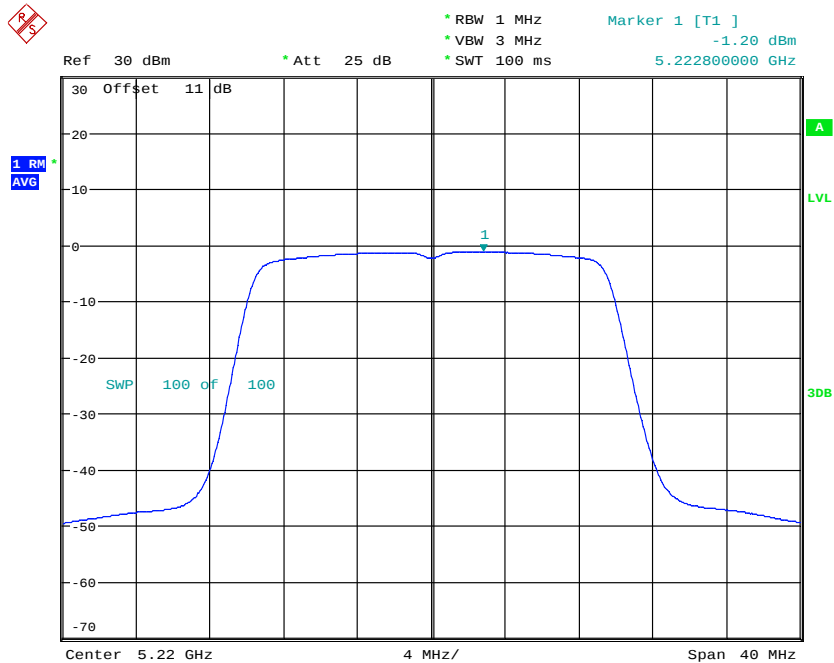
POWER DENSITY AV ANT111aCH48  
Date: 25.FEB.2025 12:47:42



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



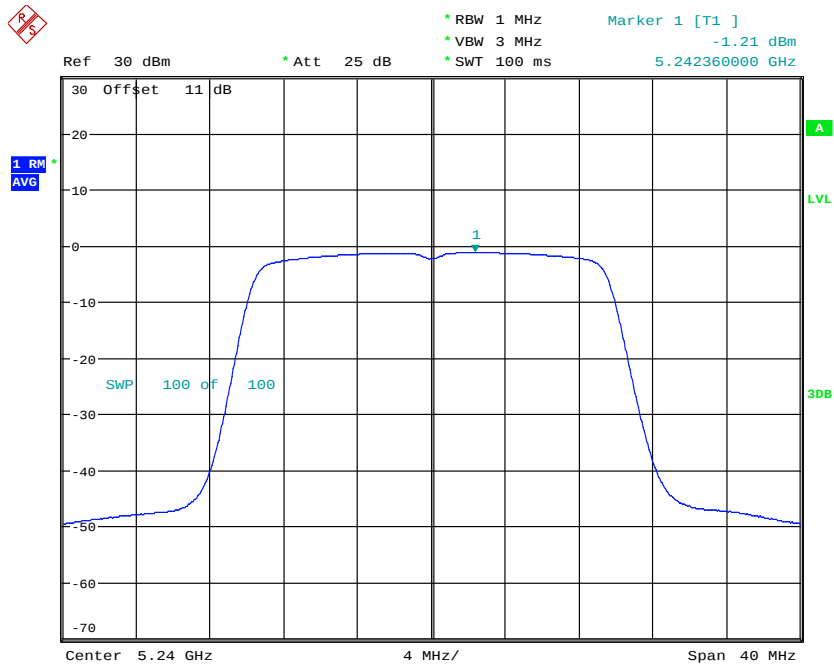
POWER DENSITY ANT\_1\_ax20\_CH36  
Date: 25.FEB.2025 15:46:56



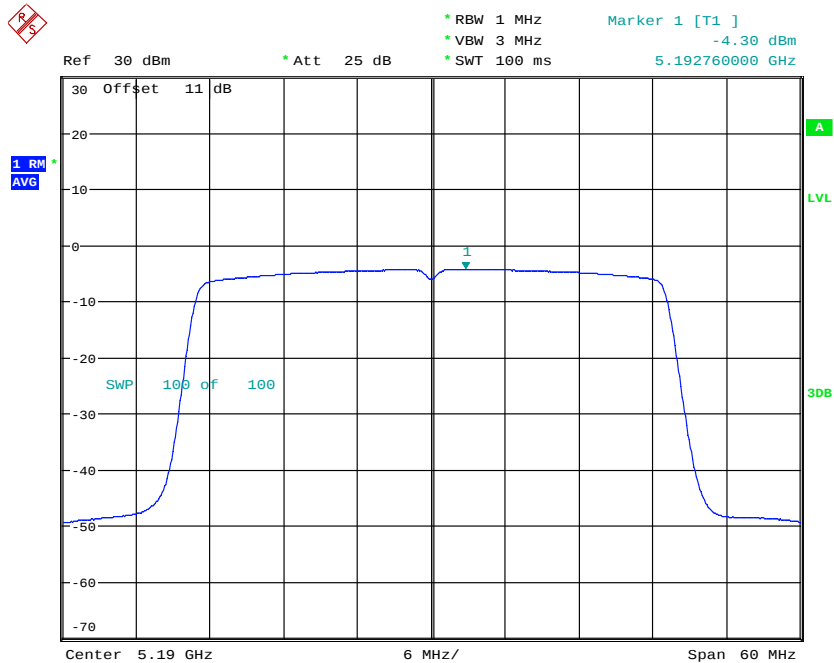
POWER DENSITY ANT\_1\_ax20\_CH44  
Date: 25.FEB.2025 15:48:28



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



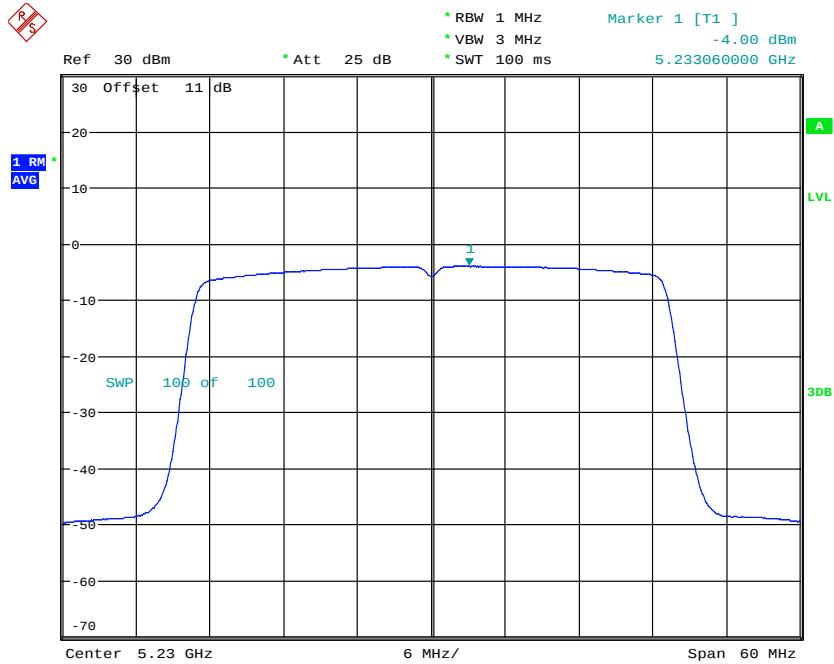
POWER DENSITY ANT\_1\_ax20\_CH48  
Date: 25.FEB.2025 15:49:43



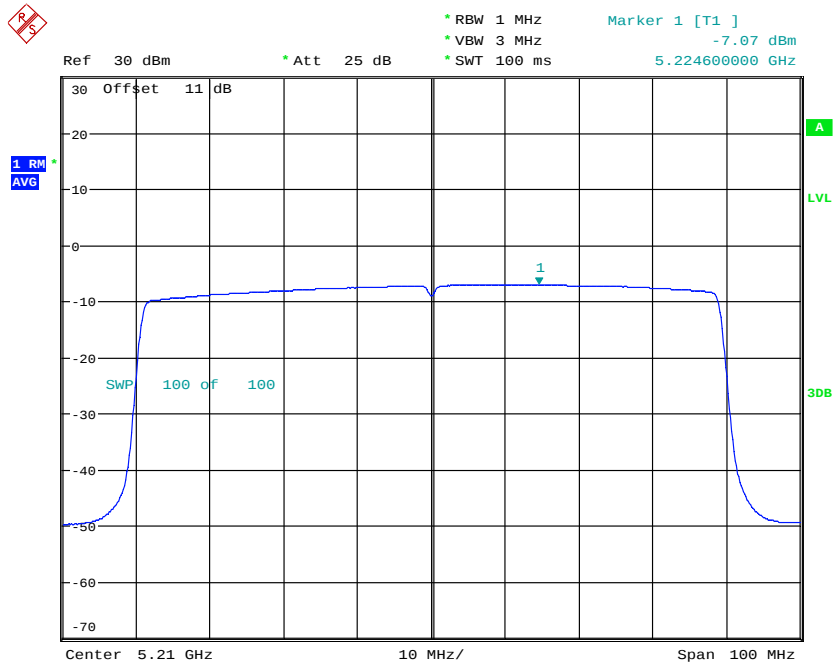
POWER DENSITY ANT\_1\_ax40\_CH38  
Date: 25.FEB.2025 16:49:18



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



POWER DENSITY ANT\_1\_ax40\_CH46  
Date: 25.FEB.2025 16:48:16



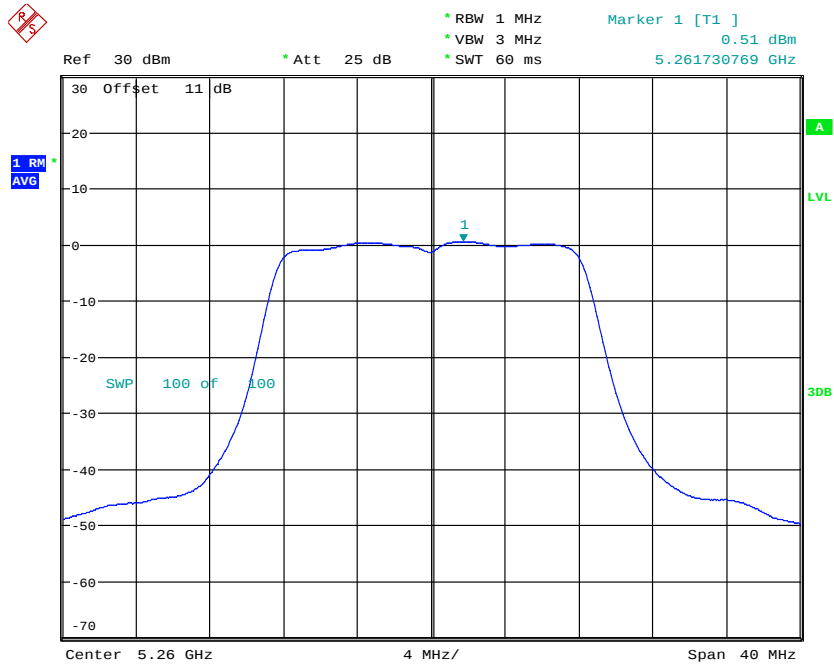
POWER DENSITY ANT\_1\_ax80\_CH42  
Date: 25.FEB.2025 16:51:16



Registration number: W6M22405-23479-C-55

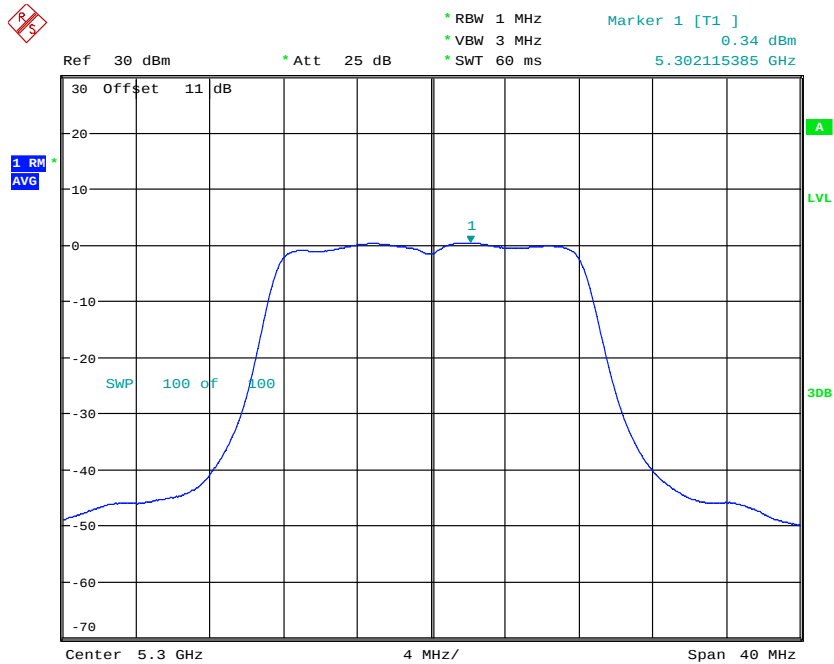
FCC ID: 2AG3J-WRPT50001

**5.25 GHz ~ 5.35 GHz**



POWER DENSITY AV ANT111aCH52

Date: 25.FEB.2025 13:37:45

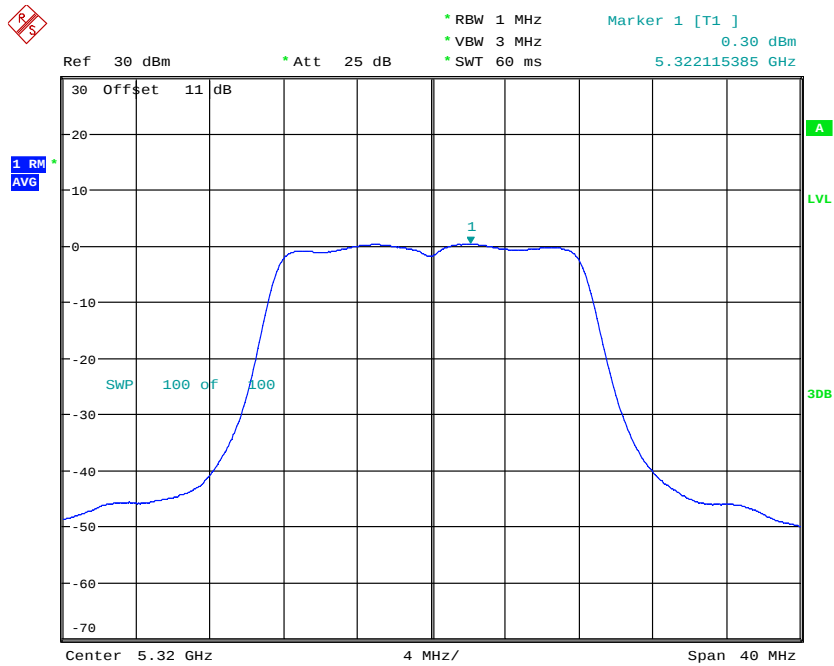


POWER DENSITY AV ANT111aCH60

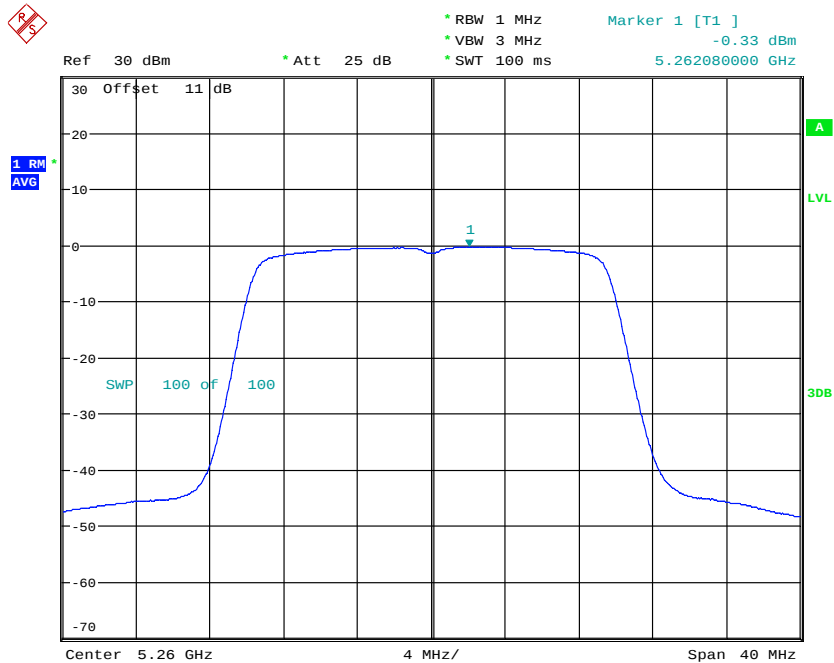
Date: 25.FEB.2025 13:38:44



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



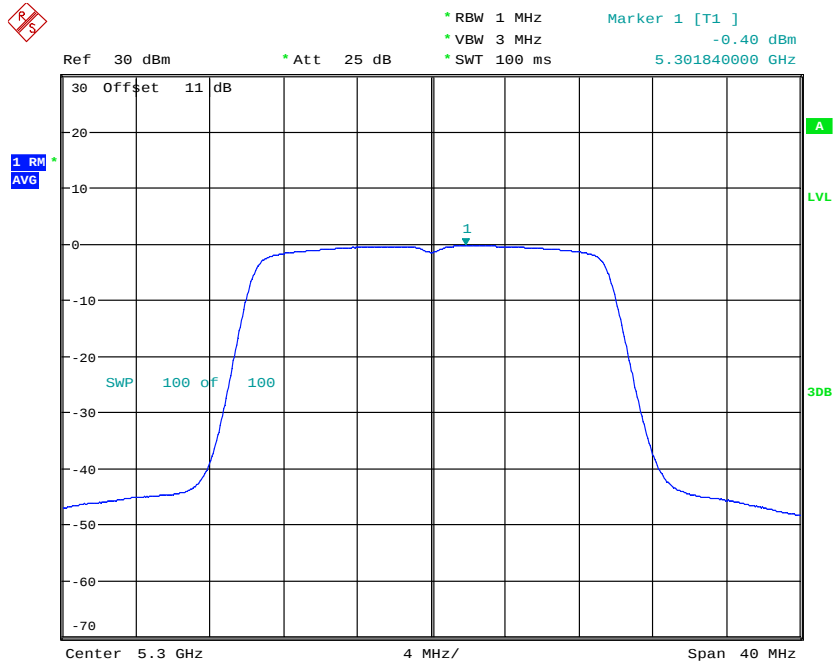
POWER DENSITY AV ANT111aCH64  
Date: 25.FEB.2025 13:39:42



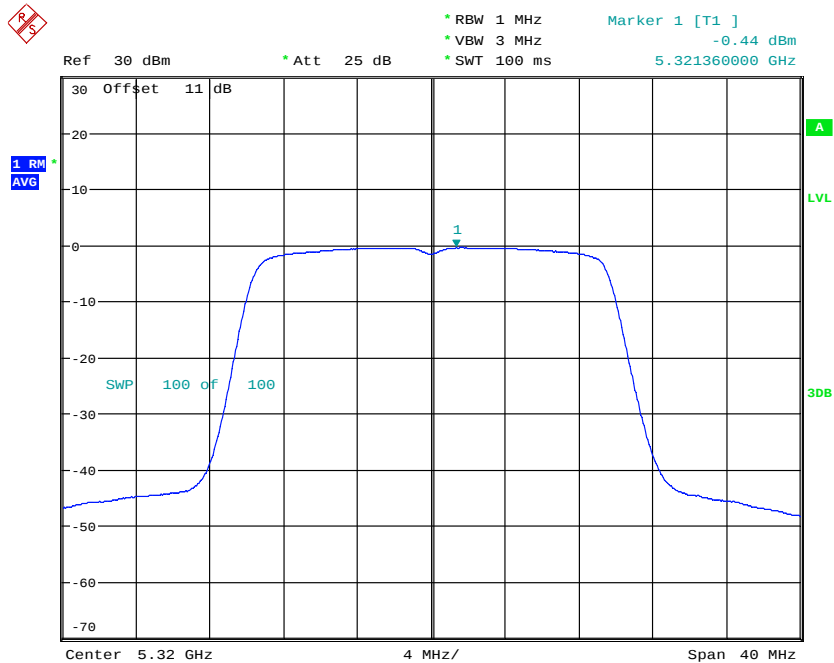
POWER DENSITY ANT\_1\_ax20\_CH52  
Date: 25.FEB.2025 15:53:12



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



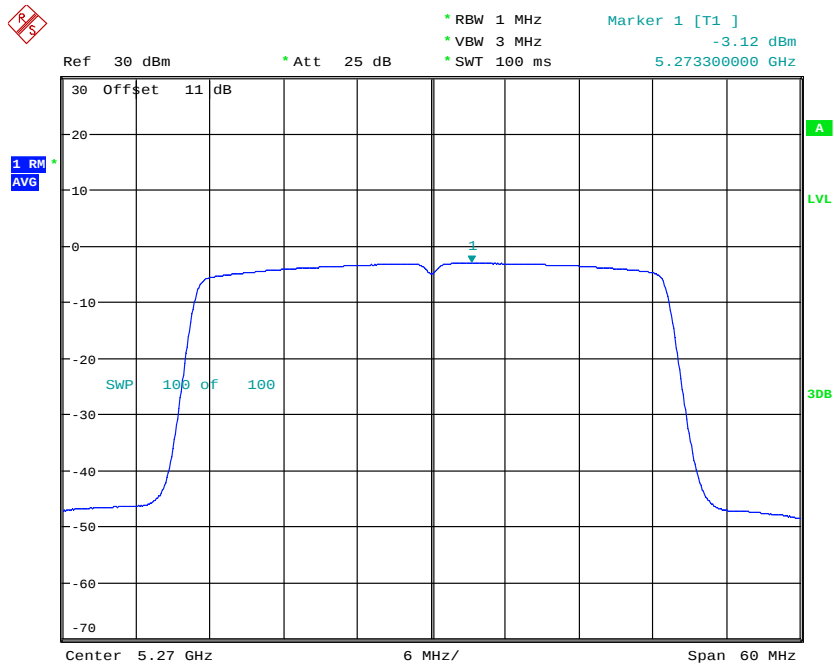
POWER DENSITY ANT\_1\_ax20\_CH60  
Date: 25.FEB.2025 15:54:23



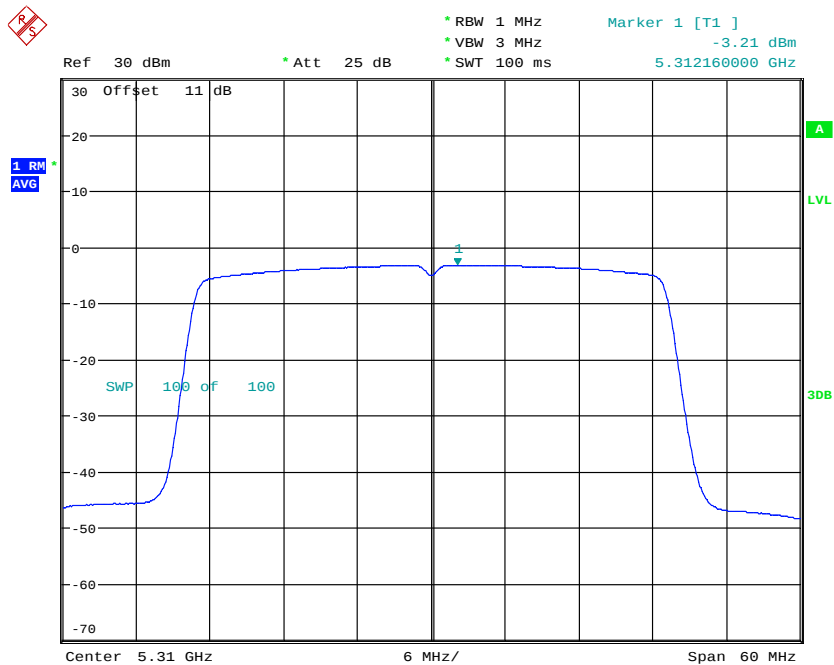
POWER DENSITY ANT\_1\_ax20\_CH64  
Date: 25.FEB.2025 15:55:41



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



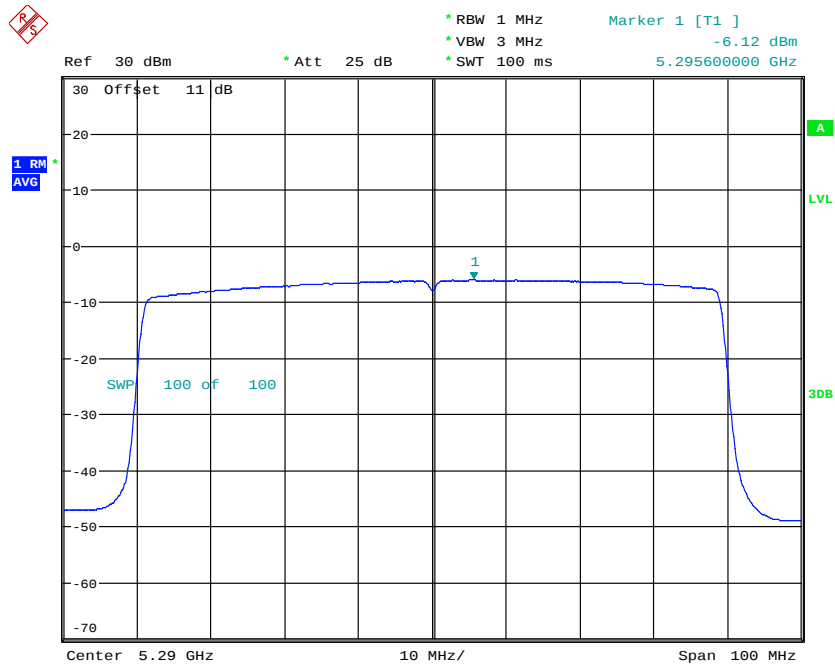
POWER DENSITY ANT\_1\_ax40\_CH54  
Date: 25.FEB.2025 16:47:19



POWER DENSITY ANT\_1\_ax40\_CH62  
Date: 25.FEB.2025 15:57:06

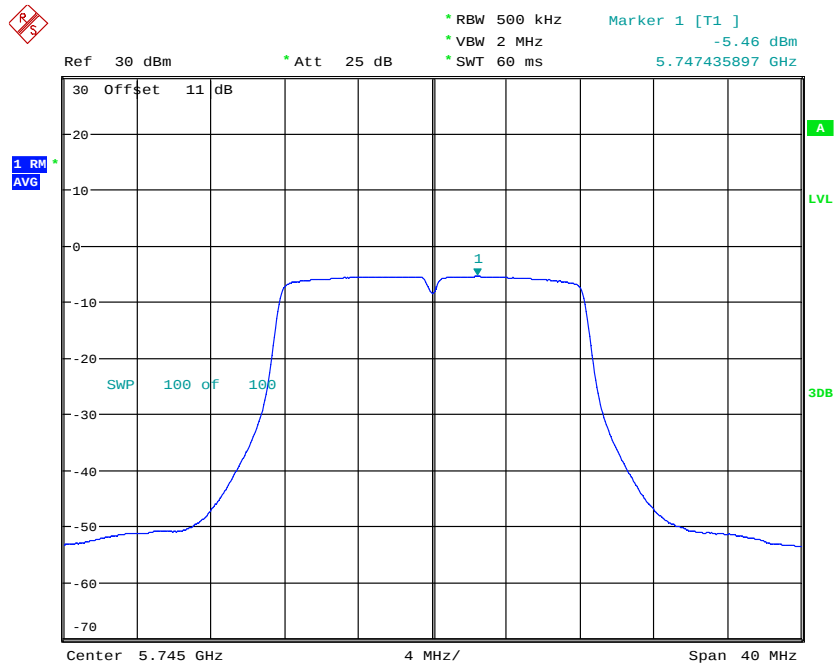


Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



POWER DENSITY ANT\_1\_ax80\_CH58  
Date: 25.FEB.2025 16:52:53

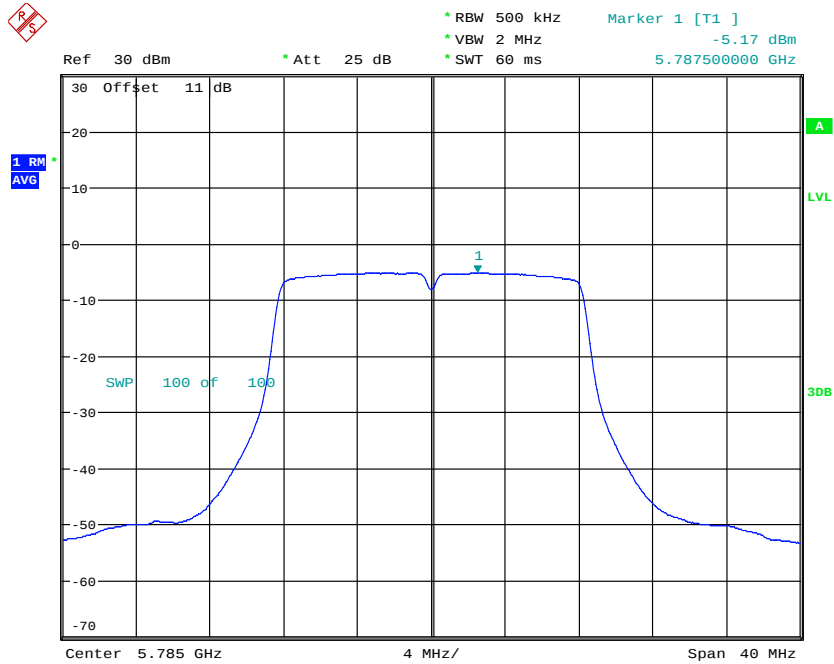
## ANT 2 5.725 GHz ~ 5.85 GHz



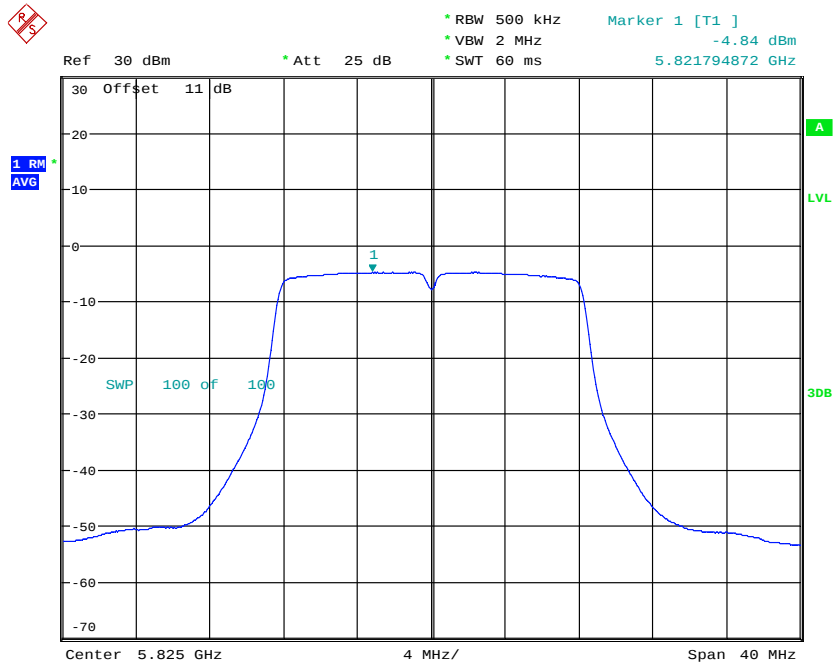
POWER DENSITY AV ANT211aCH149  
Date: 25.FEB.2025 17:41:18



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



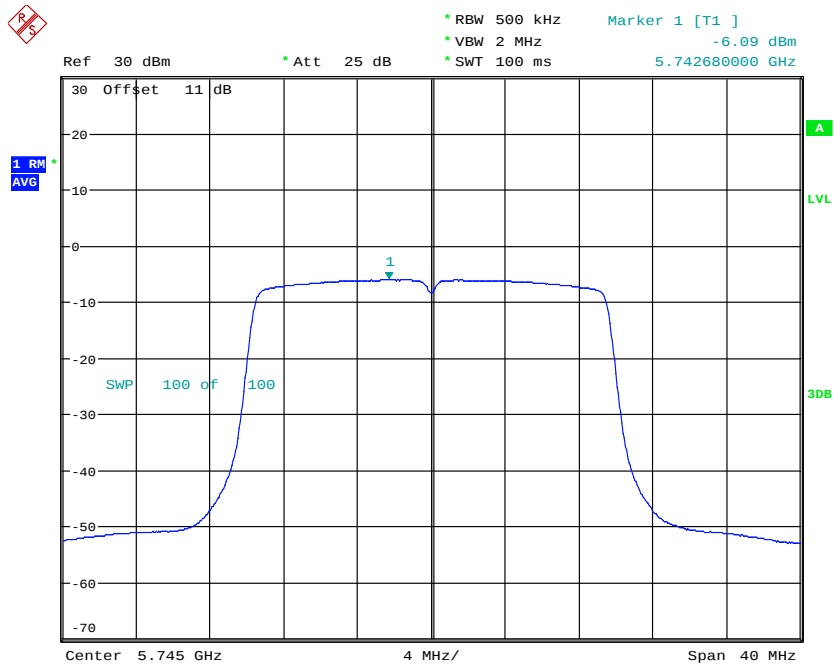
POWER DENSITY AV ANT211aCH157  
Date: 25.FEB.2025 17:42:23



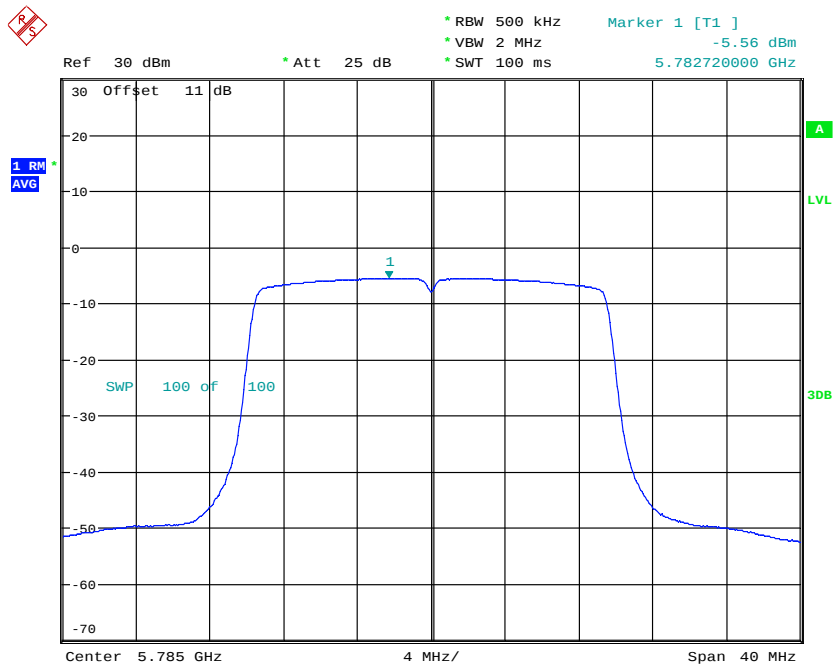
POWER DENSITY AV ANT211aCH165  
Date: 25.FEB.2025 17:43:41



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



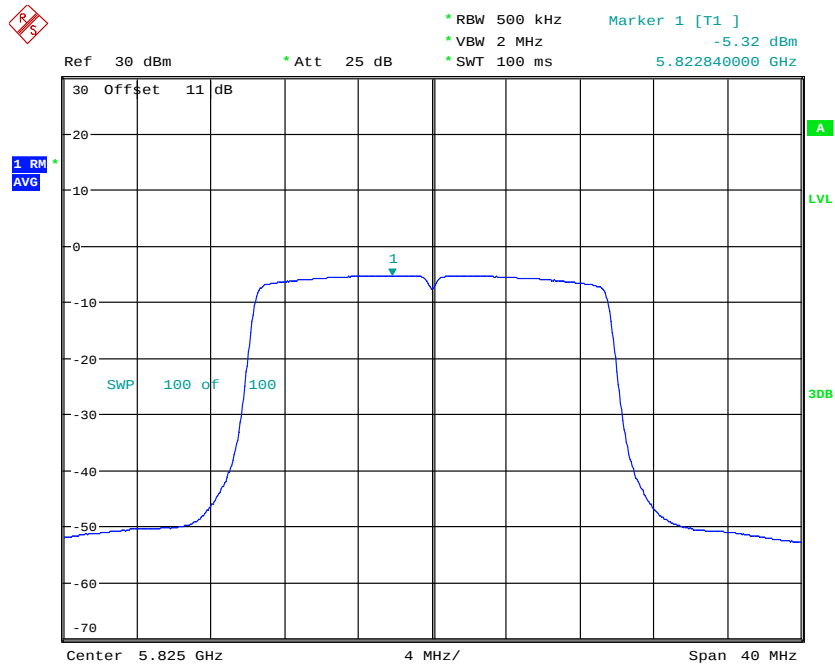
POWER DENSITY ANT\_2\_ax20\_CH149  
Date: 25.FEB.2025 17:46:05



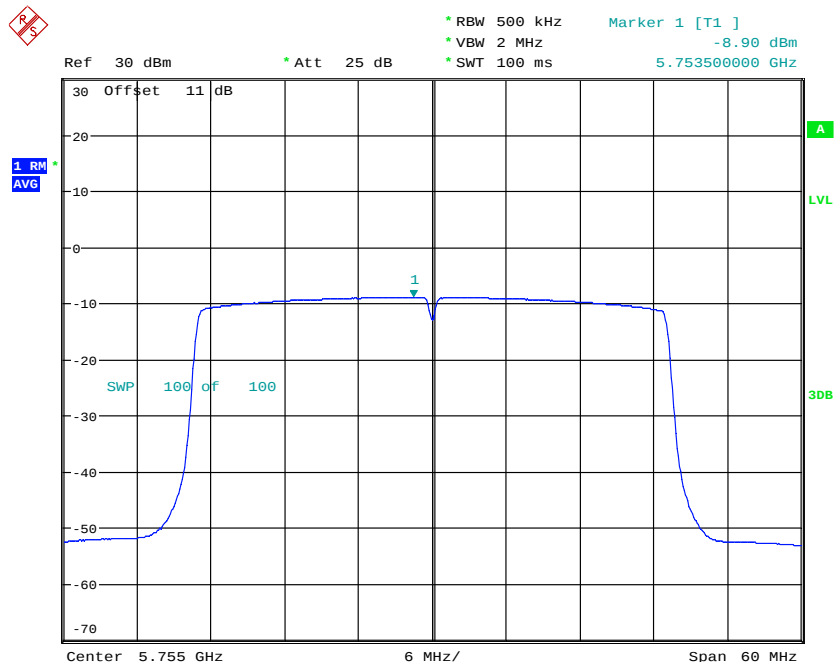
POWER DENSITY ANT\_2\_ax20\_CH157  
Date: 25.FEB.2025 17:47:39



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



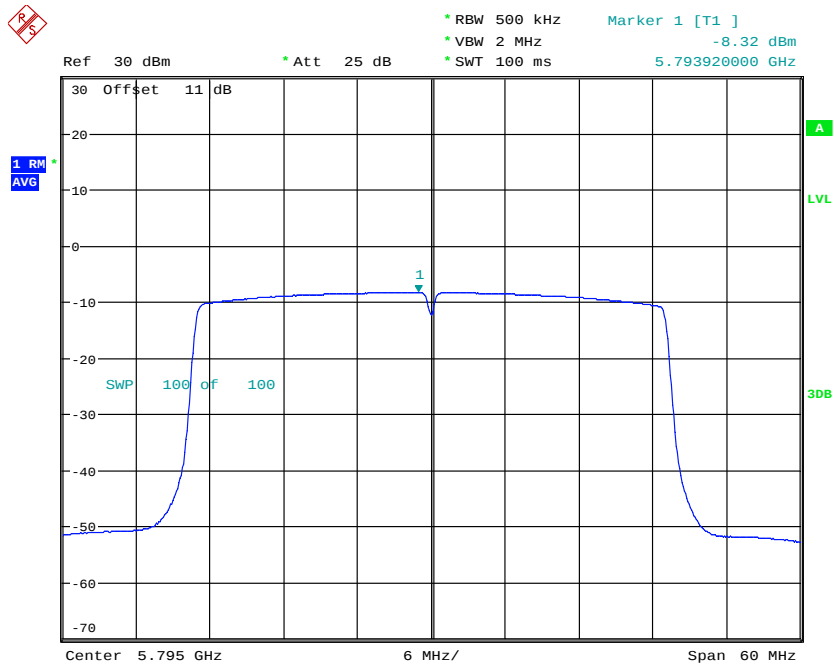
POWER DENSITY ANT\_2\_ax20\_CH165  
Date: 25.FEB.2025 17:49:52



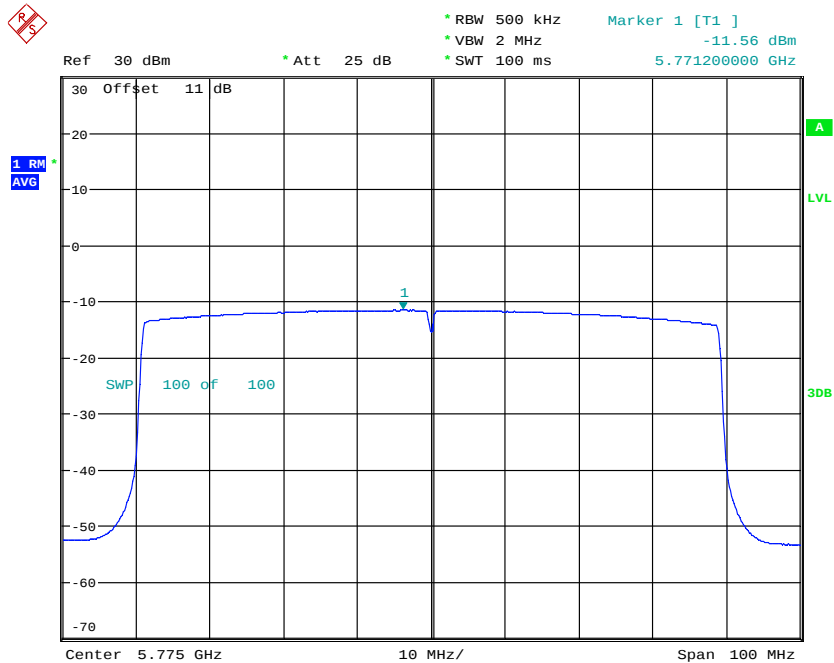
POWER DENSITY ANT\_2\_ax40\_CH151  
Date: 25.FEB.2025 18:10:45



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



POWER DENSITY ANT\_2\_ax40\_CH159  
Date: 25.FEB.2025 18:11:47



POWER DENSITY ANT\_2\_ax80\_CH155  
Date: 25.FEB.2025 18:14:13



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

## 3.5 Undesirable emission limits, FCC 15.407 (b)

1. For transmitters operating in the 5.15–5.25 GHz band: all emissions out-side of the 5.15–5.35 GHz band shall not exceed an EIRP of –27 dBm/MHz.
2. For transmitters operating in the 5.25–5.35 GHz band: all emissions out-side of the 5.15–5.35 GHz band shall not exceed an EIRP of –27 dBm/MHz. De-vices operating in the 5.25–5.35 GHz band that generate emissions in the 5.15–5.25 GHz band must meet all appli-cable technical requirements for operation in the 5.15–5.25 GHz band (including indoor use) or alternatively meet an out-of-band emission EIRP limit of -27 dBm/MHz in the 5.15–5.25 GHz band.
3. For transmitters operating in the 5.47–5.725 GHz band: all emissions out-side of the 5.47–5.725 GHz band shall not exceed an EIRP of -27 dBm/MHz.
4. For transmitters operating in the 5.725–5.850 GHz band: 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.
5. The emission measurements shall be performed using a minimum resolution bandwidth of 1 MHz. A lower resolution bandwidth may be employed near the band edge, when necessary, provided the measured energy is integrated to show the total power over 1 MHz.
6. Unwanted emissions below 1 GHz must comply with the general field strength limits set forth in § 15.209.
7. According to According to KDB 789033 D02 General UNII Test Procedures v01, as specified in 15.407(b), emissions above 1000 MHz that are outside of the restricted bands are subject to a peak emission limit of -27 dBm/MHz (or -17 dBm/MHz as specified in 15.407(b)(4)). However, an out-of-band emission that complies with both the average and peak limits of 15.209 is not required to satisfy the -27 dBm/MHz or -17 dBm/MHz peak emission limit.
8. If radiated measurements are performed, field strength is then converted to EIRP as follows:
  - (i)  $EIRP = ((E \cdot d)^2) / 30$ , where: E is the field strength in V/m; d is the measurement distance in meters. EIRP is the equivalent isotropically radiated power in watts.
  - (ii) Working in dB units, the above equation is equivalent to:  $EIRP[dBm] = E[dB\mu V/m] + 20 \log(d[meters]) - 104.77$ .
  - (iii) Or, if d is 3 meters:  $EIRP[dBm] = E[dB\mu V/m] - 95.2$ .

| Applicable to                       | Limit                         |                                          |
|-------------------------------------|-------------------------------|------------------------------------------|
| <input checked="" type="checkbox"/> | FIELD STRENGTH at 3m (dBμV/m) |                                          |
|                                     | PK                            | AV                                       |
|                                     | 74                            | 54                                       |
| <input type="checkbox"/>            | EIRP LIMIT (dBm)              | EQUIVALENT FIELD STRENGTH at 3m (dBμV/m) |
|                                     | PK                            | PK                                       |
|                                     | -27                           | 68.3                                     |



# ***Worldwide Testing Services(Taiwan) Co., Ltd.***

Registration number: W6M22405-23479-C-55

FCC ID: 2AG3J-WRPT50001

Model: WR-PT5-0001

Date: --

Mode: --

Temperature: -- °C Engineer: --

Polarization: Horizontal

Humidity: -- %

| Frequency<br>(MHz) | Reading<br>(dBuV) | Detector | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Table<br>Degree<br>(Deg.) | Ant.<br>High<br>(cm) |
|--------------------|-------------------|----------|----------------|--------------------|-------------------|----------------|---------------------------|----------------------|
| --                 | --                | --       | --             | --                 | --                | --             | --                        | --                   |
| --                 | --                | --       | --             | --                 | --                | --             | --                        | --                   |
| --                 | --                | --       | --             | --                 | --                | --             | --                        | --                   |

| Frequency<br>(MHz) | Reading<br>(dBuV) |      | Factor<br>(dB)<br>Corr. | Result<br>(dBuV/m) |      | Limit<br>(dBuV/m) |      | Margin<br>(dB) | Table<br>Degree<br>(Deg.) | Ant. High<br>(cm) |
|--------------------|-------------------|------|-------------------------|--------------------|------|-------------------|------|----------------|---------------------------|-------------------|
|                    | Peak              | Ave. |                         | Peak               | Ave. | Peak              | Ave. |                |                           |                   |
| --                 | --                | --   | --                      | --                 | --   | --                | --   | --             | --                        | --                |
| --                 | --                | --   | --                      | --                 | --   | --                | --   | --             | --                        | --                |

Polarization: Vertical

| Frequency<br>(MHz) | Reading<br>(dBuV) | Detector | Factor<br>(dB) | Result<br>(dBuV/m) | Limit<br>(dBuV/m) | Margin<br>(dB) | Table<br>Degree<br>(Deg.) | Ant.<br>High<br>(cm) |
|--------------------|-------------------|----------|----------------|--------------------|-------------------|----------------|---------------------------|----------------------|
| --                 | --                | --       | --             | --                 | --                | --             | --                        | --                   |
| --                 | --                | --       | --             | --                 | --                | --             | --                        | --                   |
| --                 | --                | --       | --             | --                 | --                | --             | --                        | --                   |

| Frequency<br>(MHz) | Reading<br>(dBuV) |      | Factor<br>(dB)<br>Corr. | Result<br>(dBuV/m) |      | Limit<br>(dBuV/m) |      | Margin<br>(dB) | Table<br>Degree<br>(Deg.) | Ant. High<br>(cm) |
|--------------------|-------------------|------|-------------------------|--------------------|------|-------------------|------|----------------|---------------------------|-------------------|
|                    | Peak              | Ave. |                         | Peak               | Ave. | Peak              | Ave. |                |                           |                   |
| --                 | --                | --   | --                      | --                 | --   | --                | --   | --             | --                        | --                |
| --                 | --                | --   | --                      | --                 | --   | --                | --   | --             | --                        | --                |

Explanation: After evaluated, the test result in this report adopt the worst case to measure,  
please see attached diagrams in appendix.



Registration number: W6M22405-23479-C-55

FCC ID: 2AG3J-WRPT50001

### **3.6 Automatic Discontinuation of transmission, FCC 15.407 (c)**

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure.

This function will be declared by manufacturer.

### **3.7 Reserved, FCC 15.407 (d)**

### **3.8 Indoor Operation Restriction, FCC 15.407 (e)**

Within the 5.15–5.25 GHz band, U- NII devices will be restricted to indoor operations to reduce any potential for harmful interference to co-channel MSS operations. This equipment has to be declared by manufacturer of the final product as content of the user manual.

### **3.9 Transmit Power Control (TPC)**

Transmit power control (TPC). U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725 GHz band shall employ a TPC mechanism. The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm. A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW.

Explanation: Max put power of the EUT is less than 500 mW (27dBm) so this test item is not required.



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

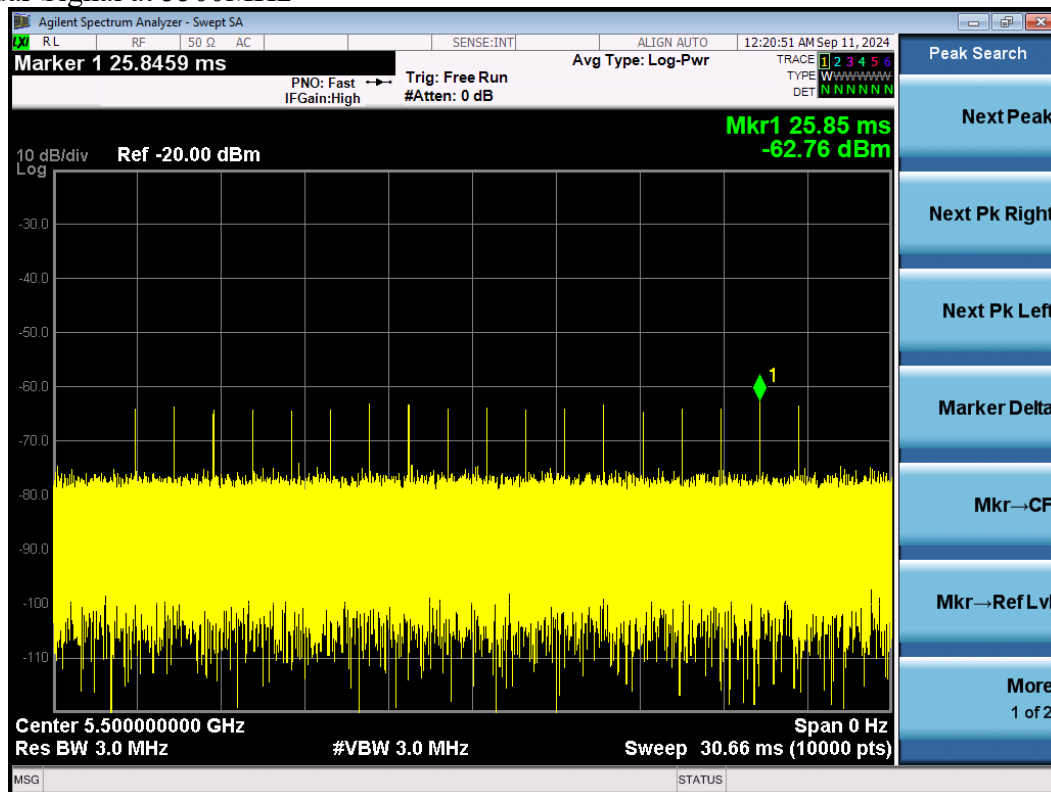
### 3.10 Dynamic Frequency Selection (DFS)

#### 3.10.1 DFS Detection Threshold

Test date: September 10, 2024-October 06, 2024  
Temperature: 26.8 °C  
Humidity: 56.3 %  
Tester: Sora

### Radar Type

Type0 Radar Signal at 5500MHz

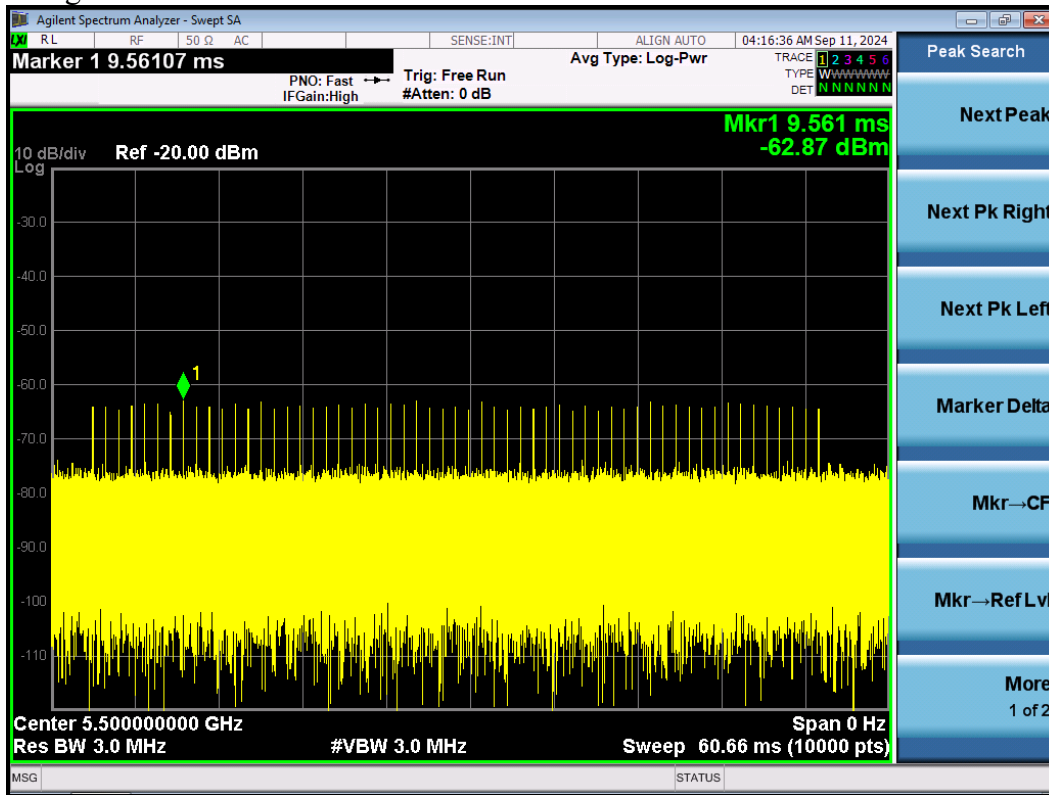




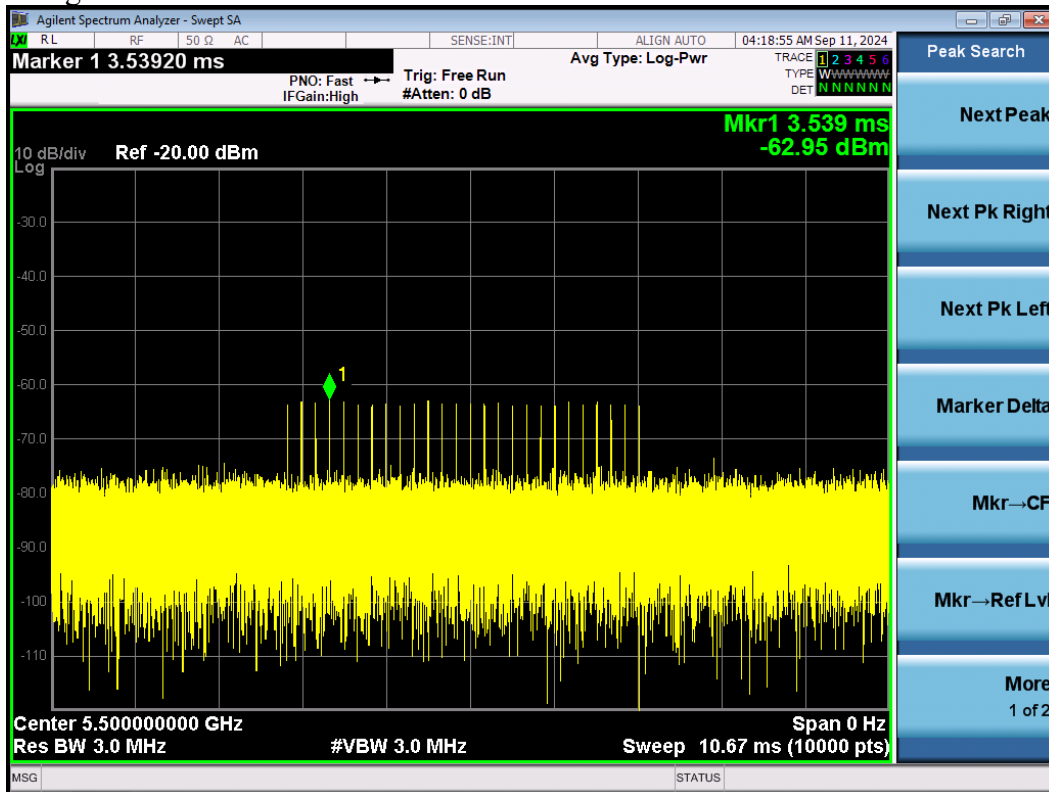
Registration number: W6M22405-23479-C-55

FCC ID: 2AG3J-WRPT50001

Type1 Radar Signal at 5500MHz



Type2 Radar Signal at 5500MHz

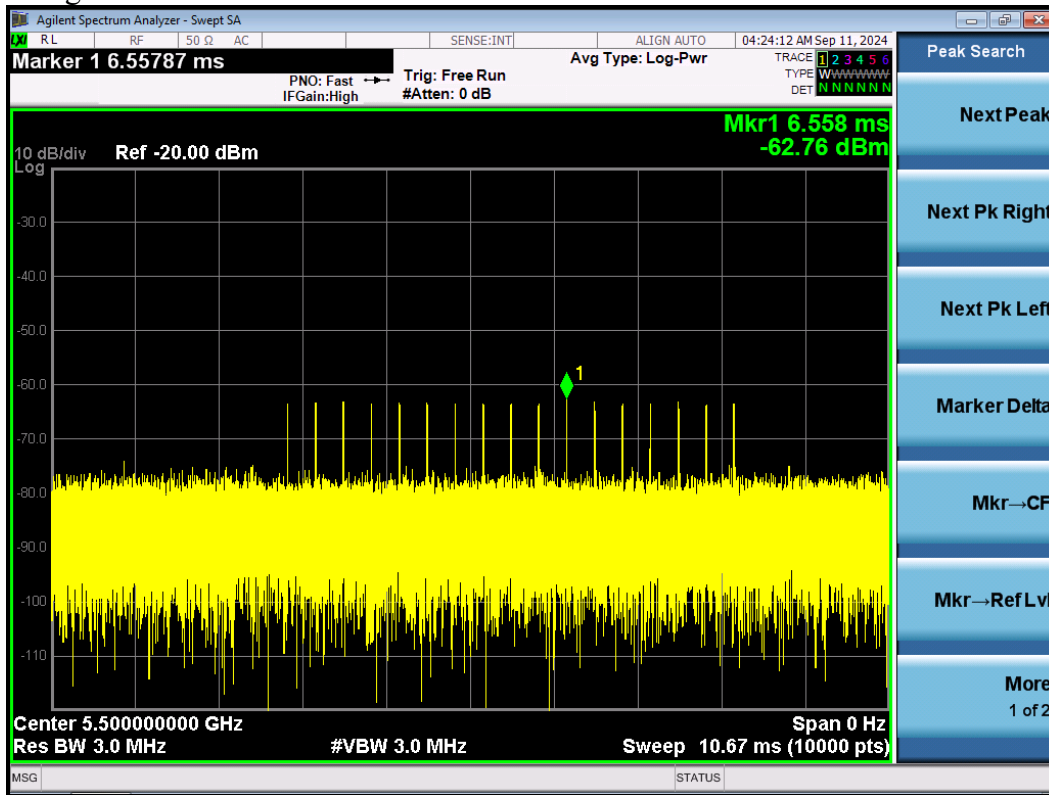




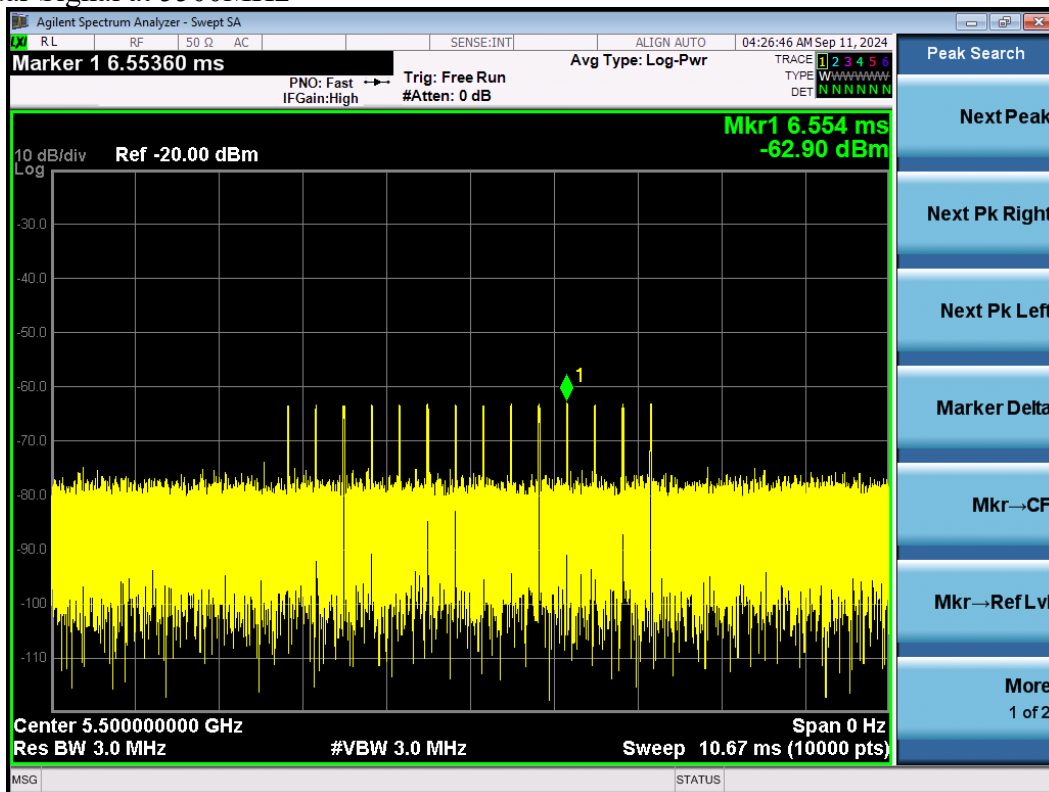
Registration number: W6M22405-23479-C-55

FCC ID: 2AG3J-WRPT50001

Type3 Radar Signal at 5500MHz



Type4 Radar Signal at 5500MHz

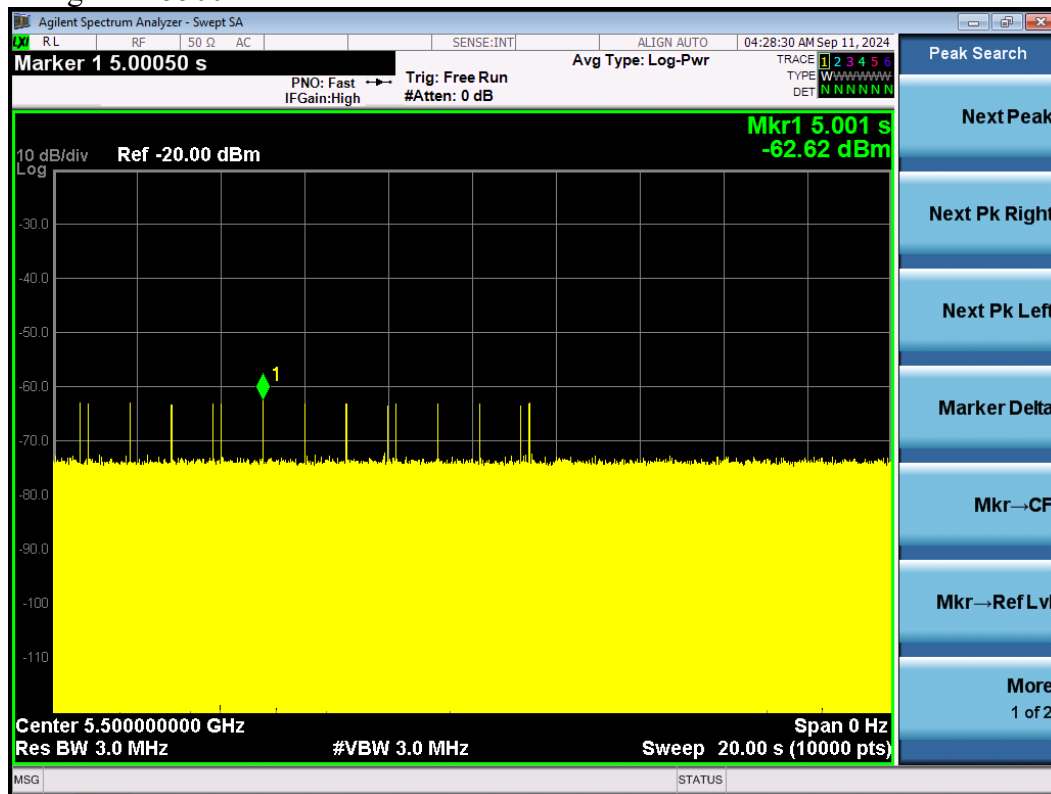




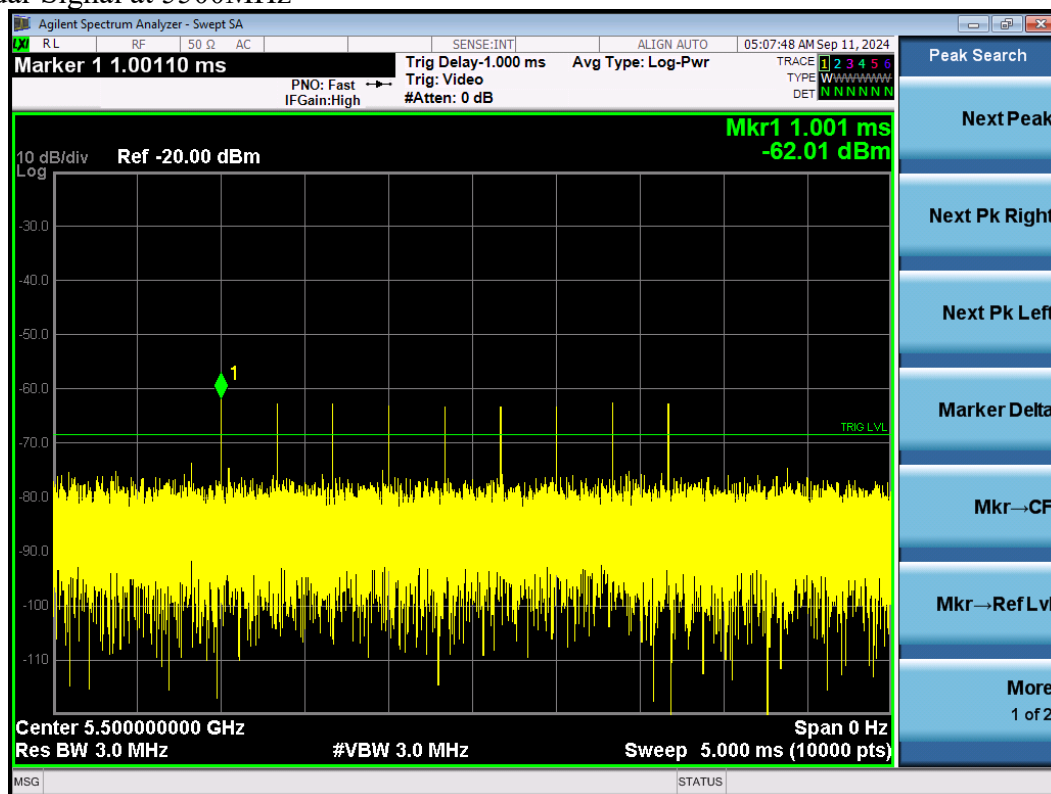
Registration number: W6M22405-23479-C-55

FCC ID: 2AG3J-WRPT50001

Type5 Radar Signal at 5500MHz



Type6 Radar Signal at 5500MHz

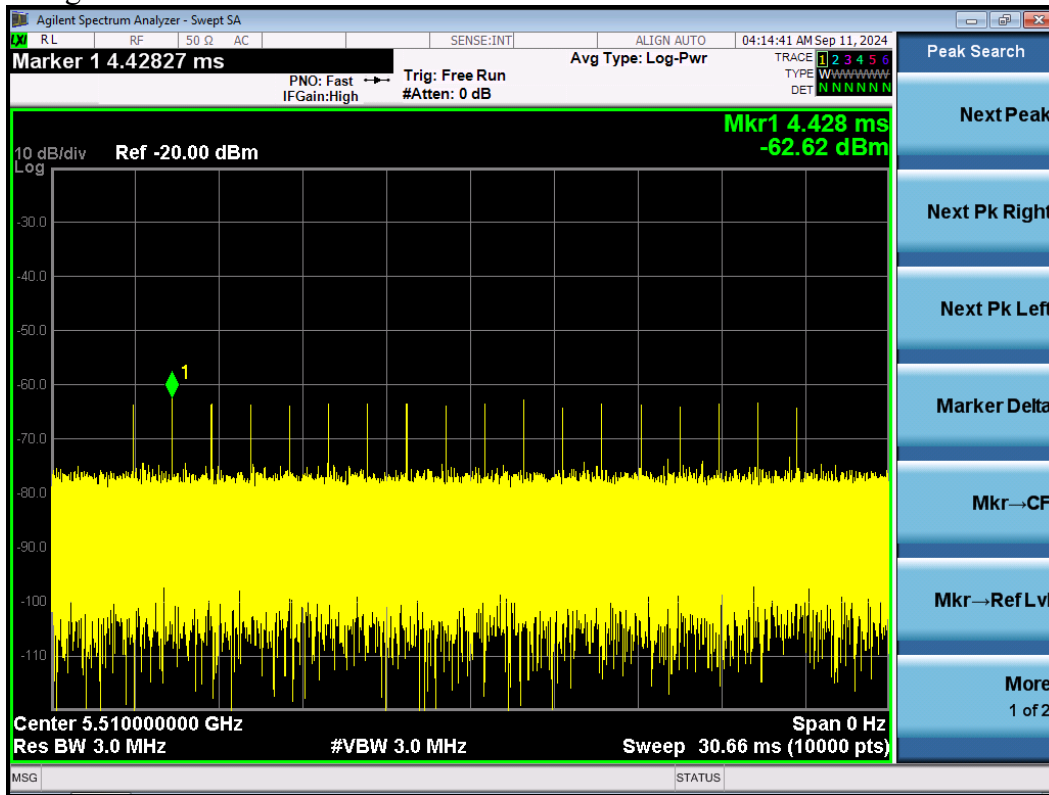




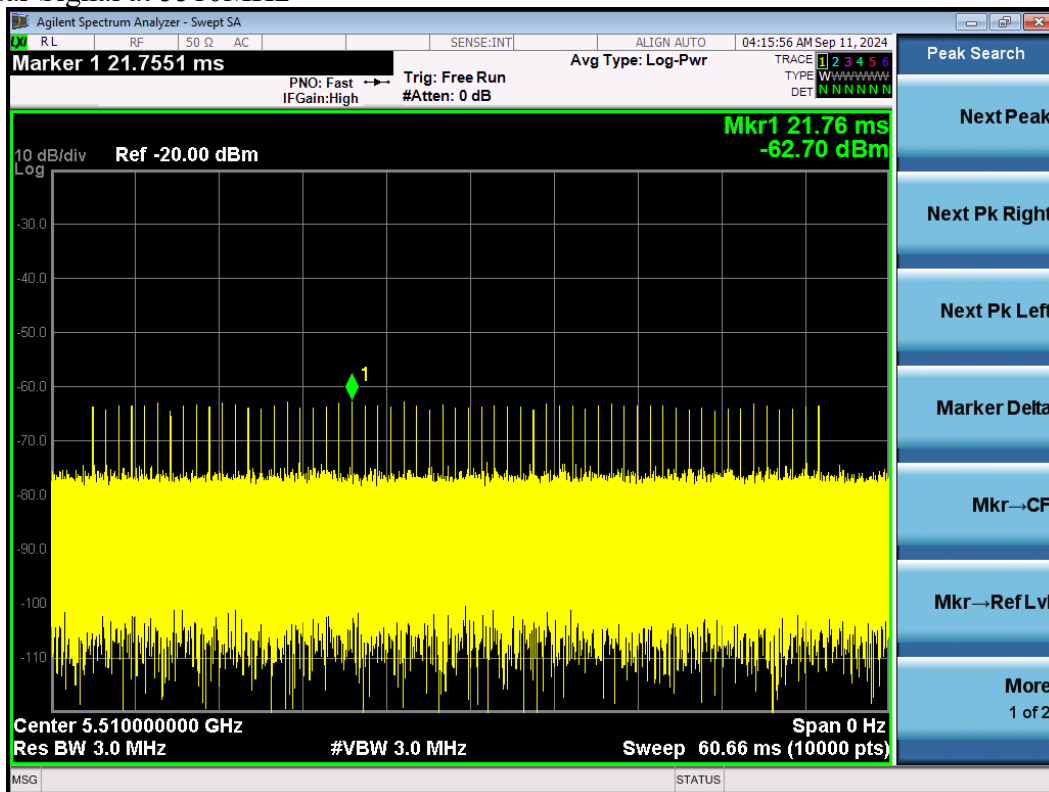
Registration number: W6M22405-23479-C-55

FCC ID: 2AG3J-WRPT50001

Type0 Radar Signal at 5510MHz



Type1 Radar Signal at 5510MHz

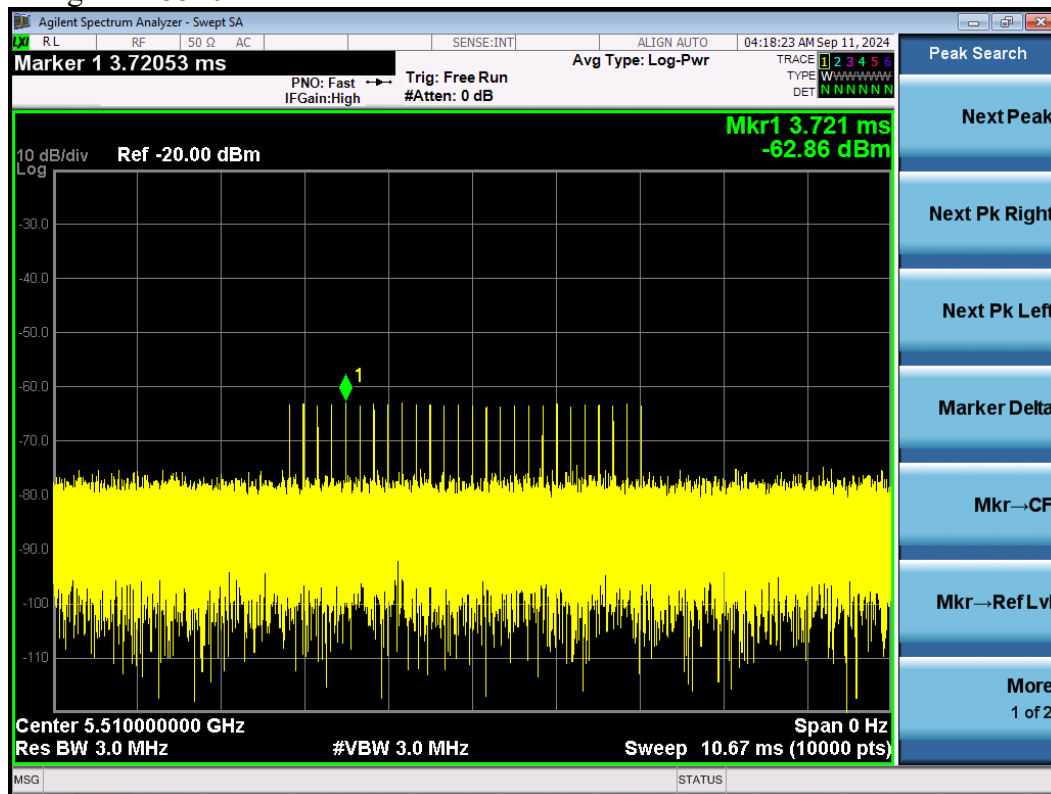




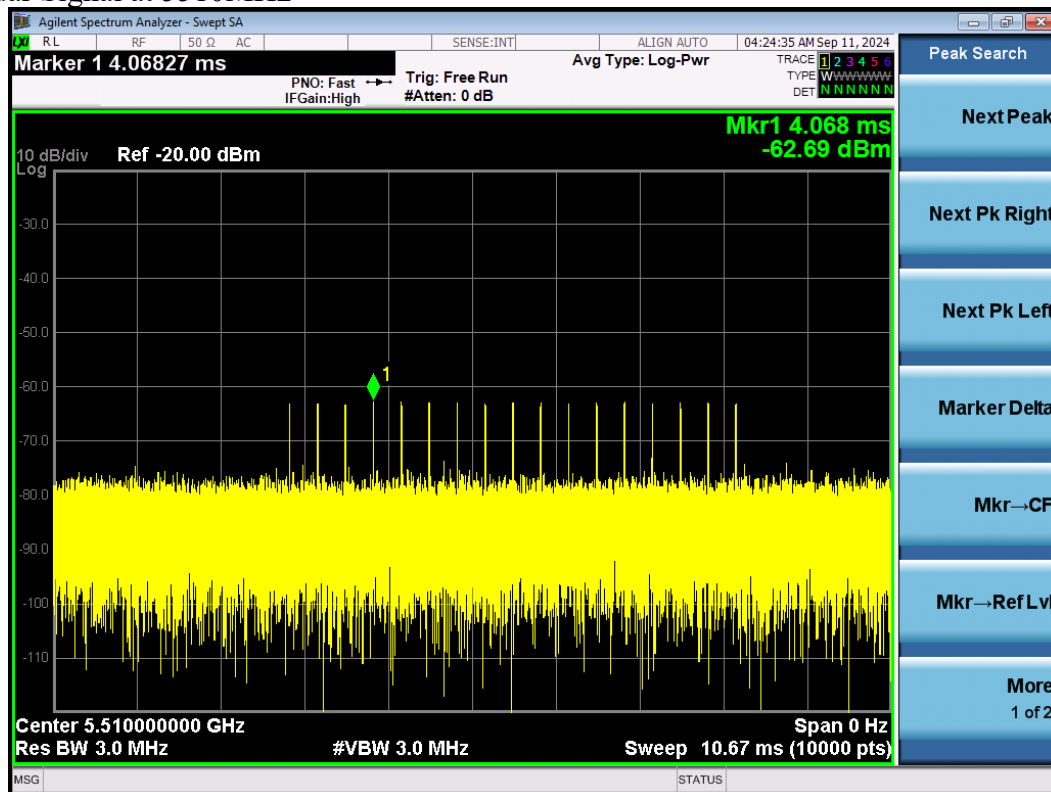
Registration number: W6M22405-23479-C-55

FCC ID: 2AG3J-WRPT50001

Type2 Radar Signal at 5510MHz



Type3 Radar Signal at 5510MHz

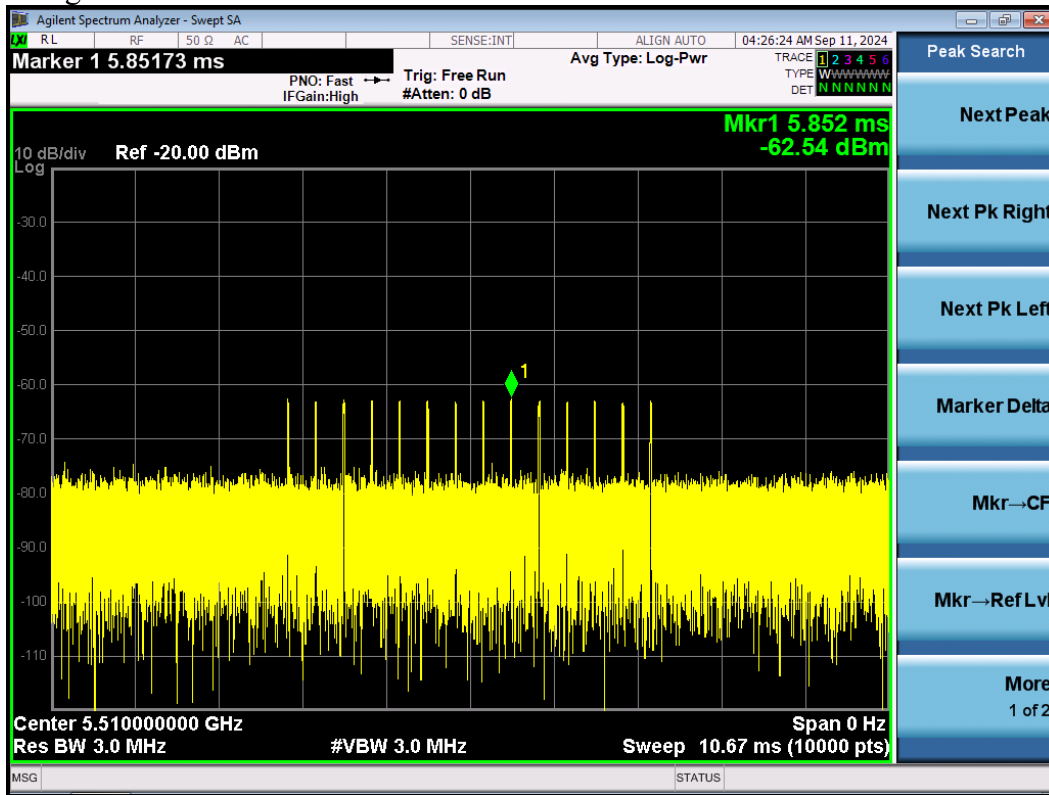




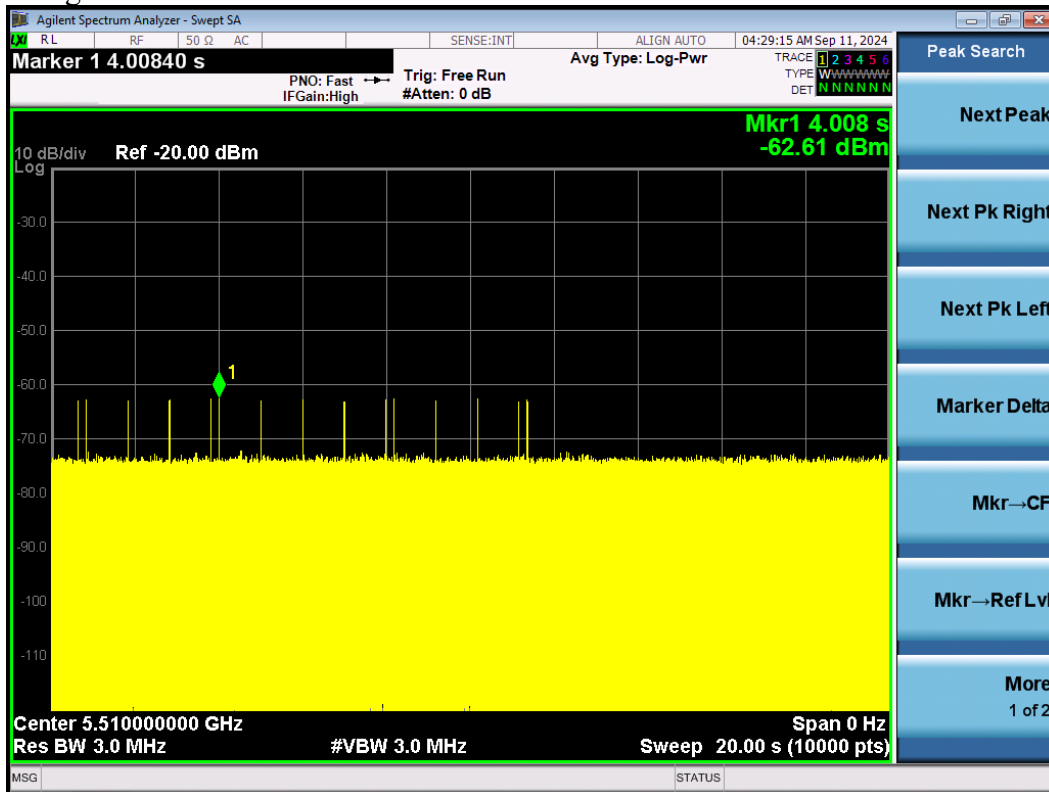
Registration number: W6M22405-23479-C-55

FCC ID: 2AG3J-WRPT50001

Type4 Radar Signal at 5510MHz



Type5 Radar Signal at 5510MHz

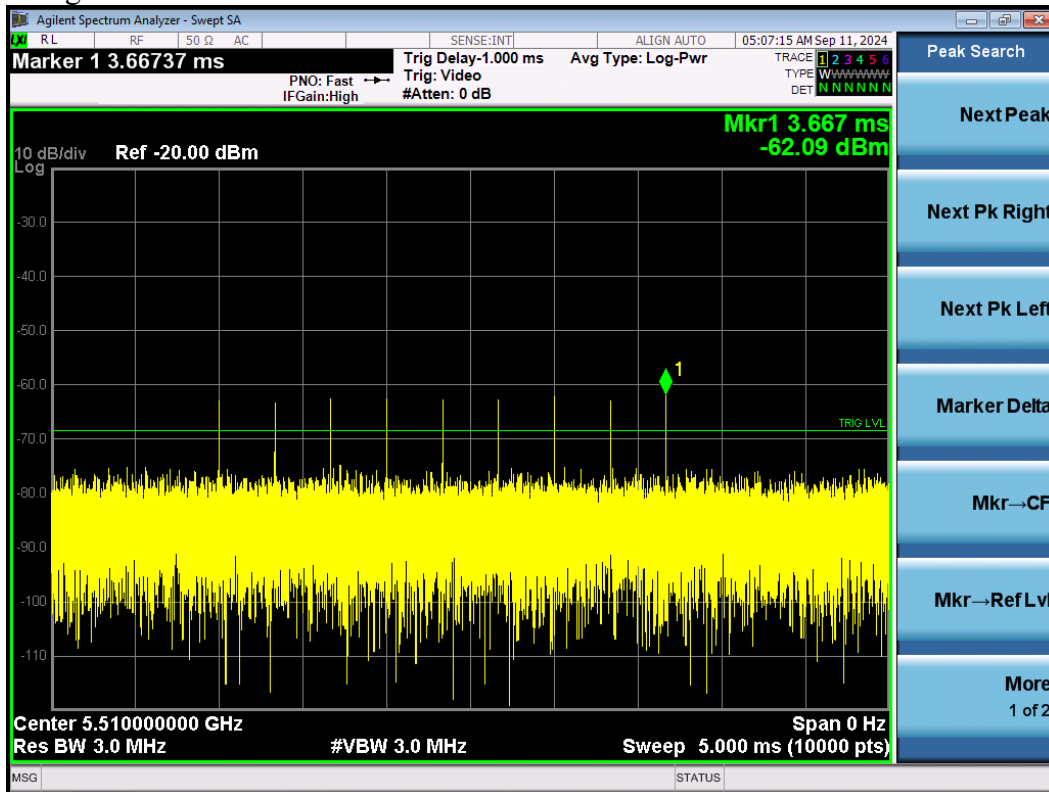




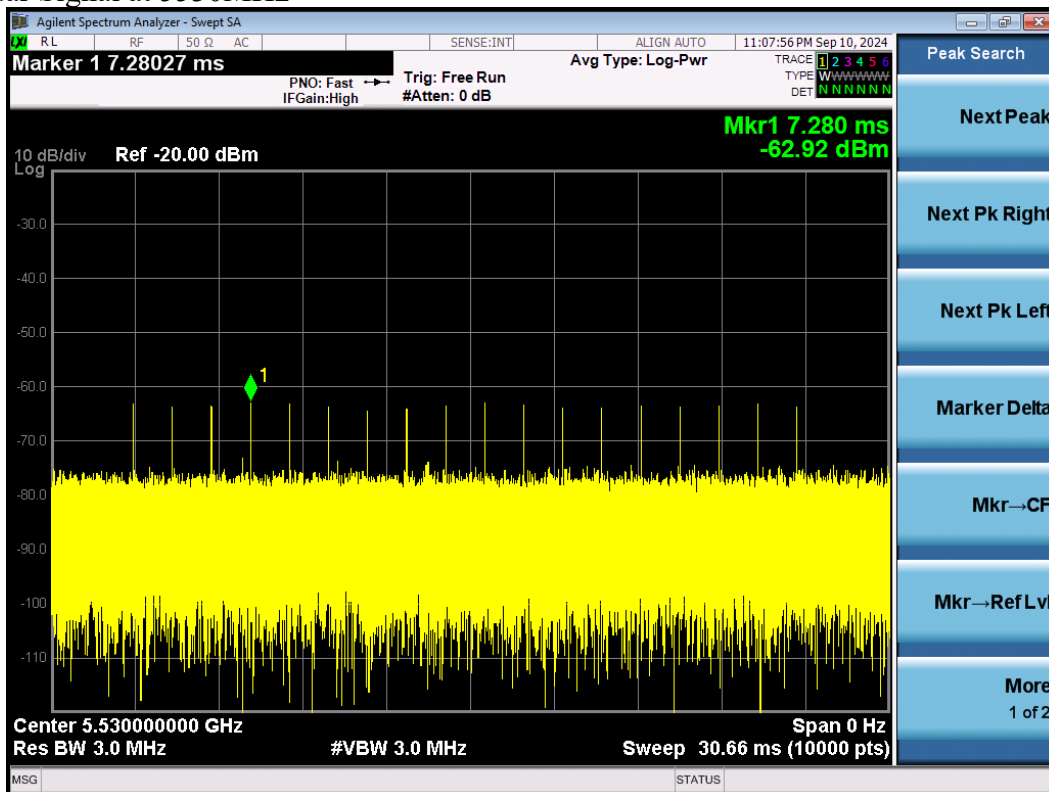
Registration number: W6M22405-23479-C-55

FCC ID: 2AG3J-WRPT50001

Type6 Radar Signal at 5510MHz



Type0 Radar Signal at 5530MHz

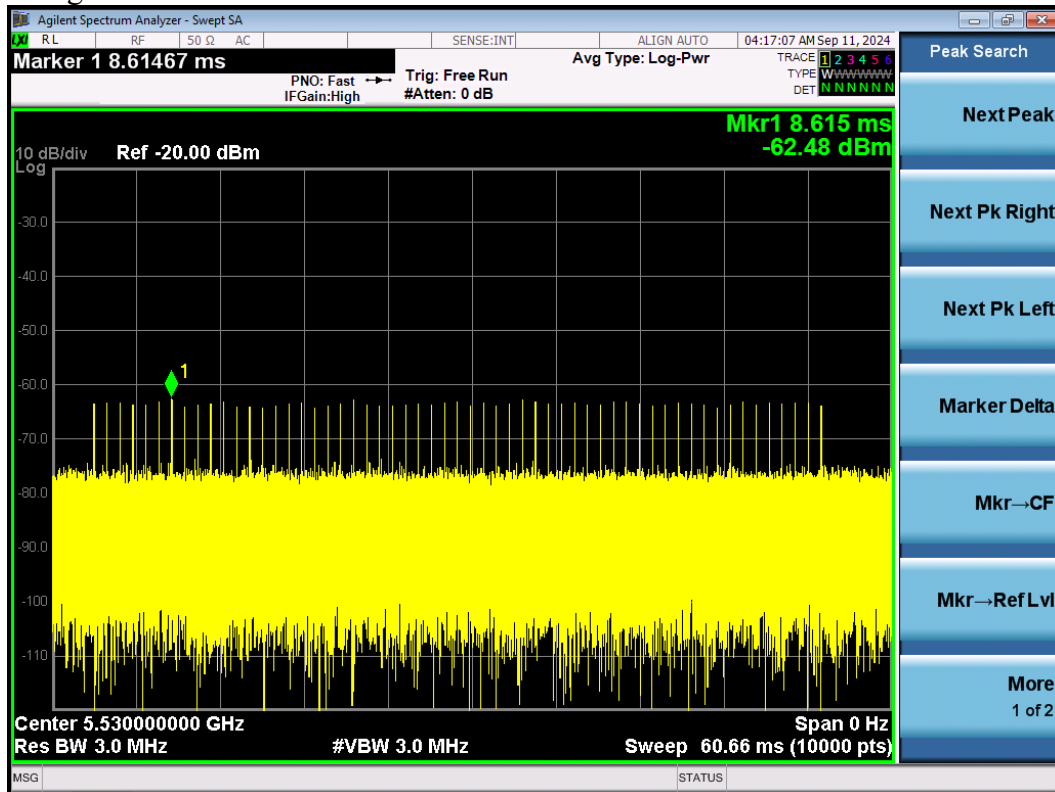




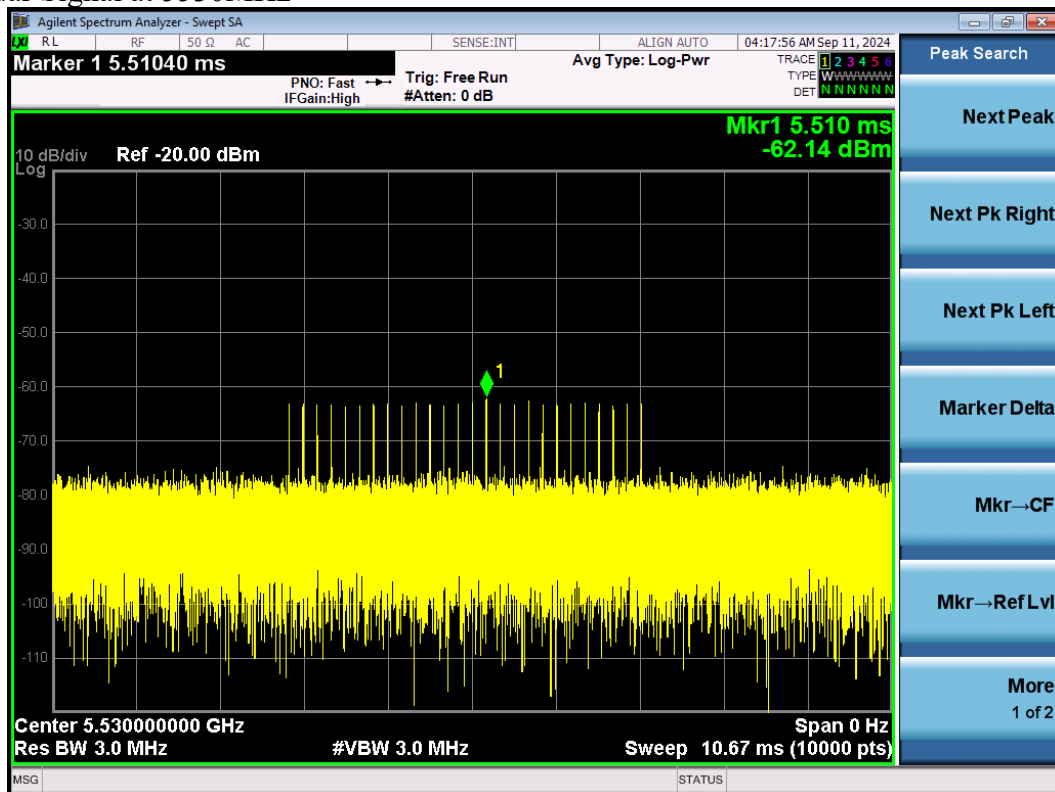
Registration number: W6M22405-23479-C-55

FCC ID: 2AG3J-WRPT50001

Type1 Radar Signal at 5530MHz



Type2 Radar Signal at 5530MHz

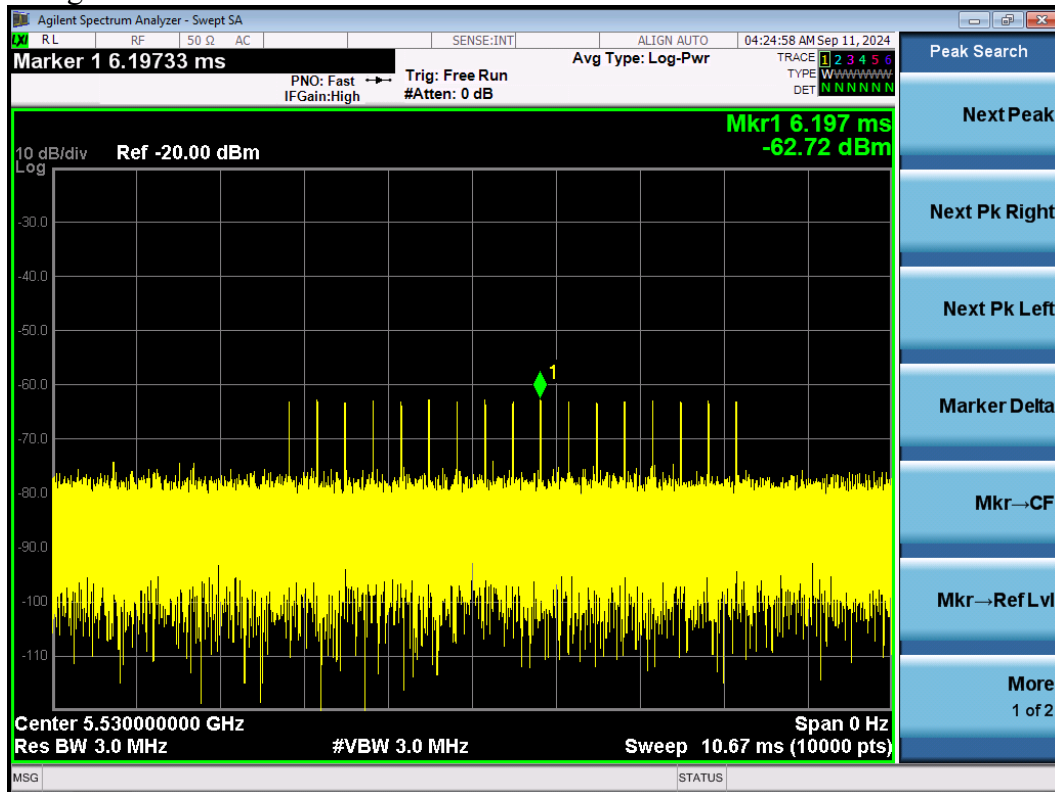




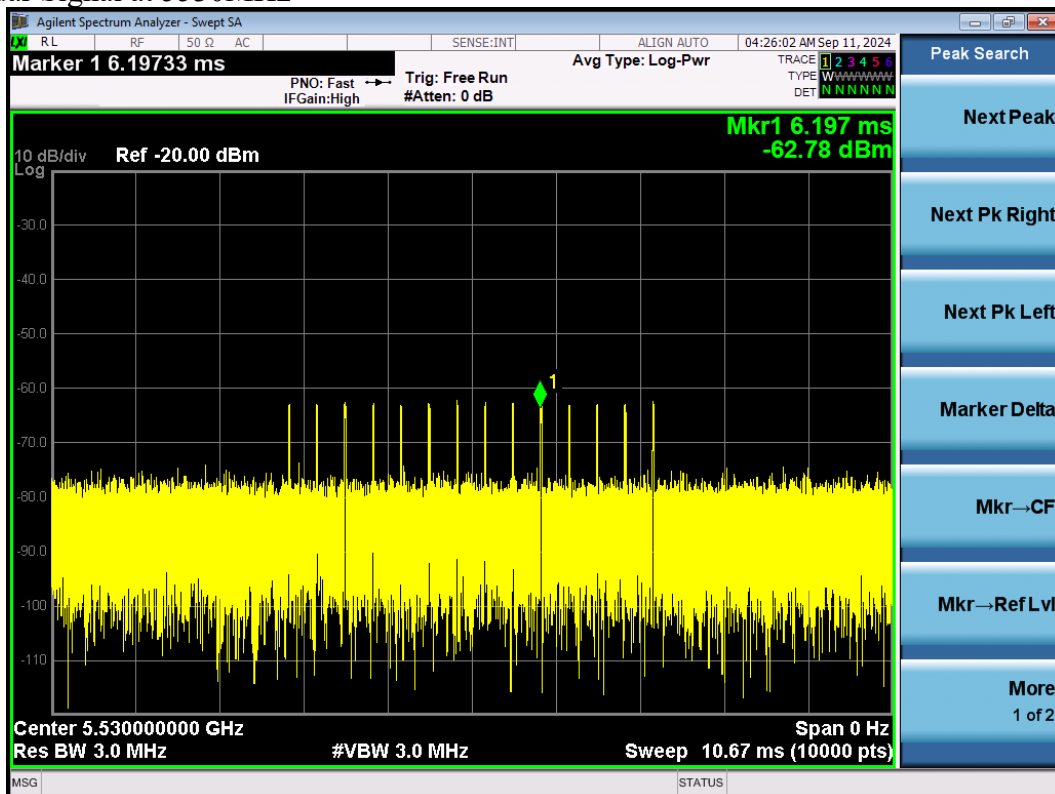
Registration number: W6M22405-23479-C-55

FCC ID: 2AG3J-WRPT50001

Type3 Radar Signal at 5530MHz



Type4 Radar Signal at 5530MHz

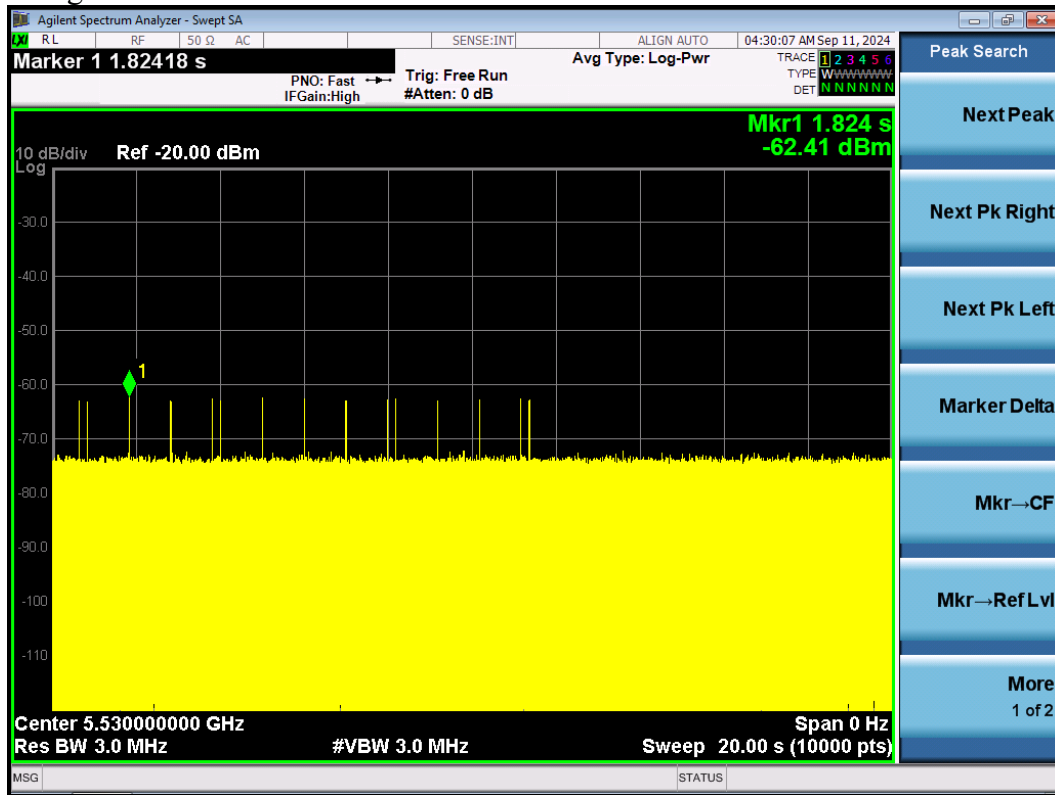




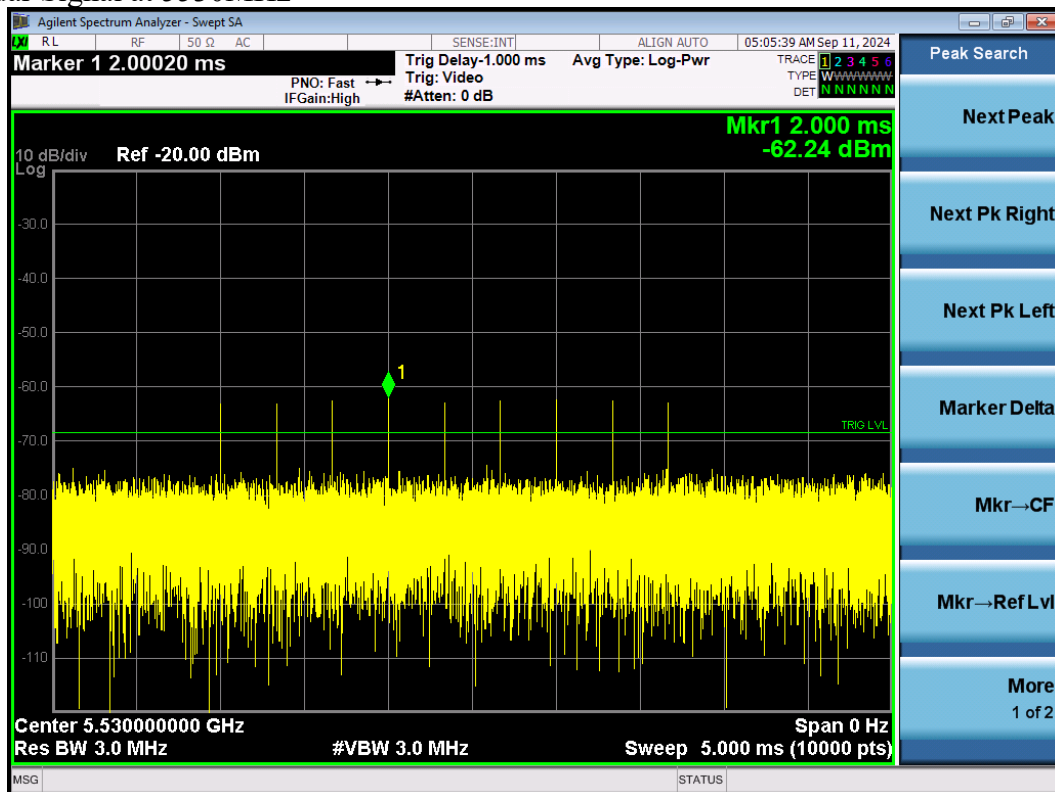
Registration number: W6M22405-23479-C-55

FCC ID: 2AG3J-WRPT50001

Type5 Radar Signal at 5530MHz



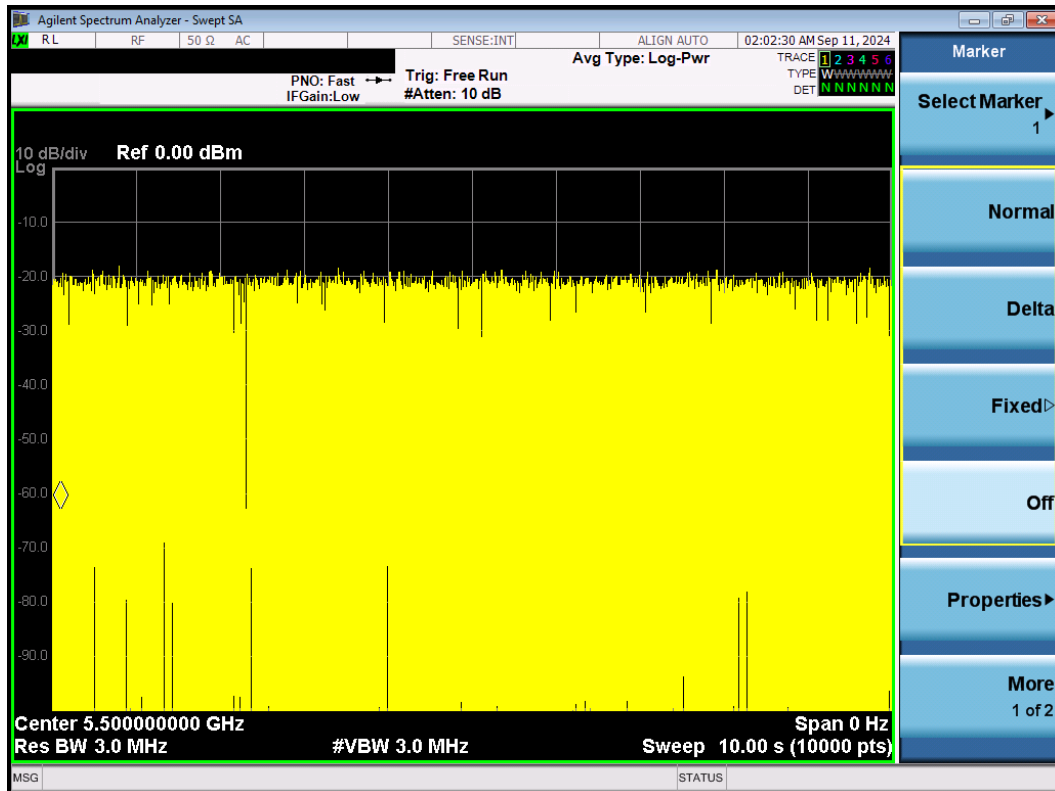
Type6 Radar Signal at 5530MHz



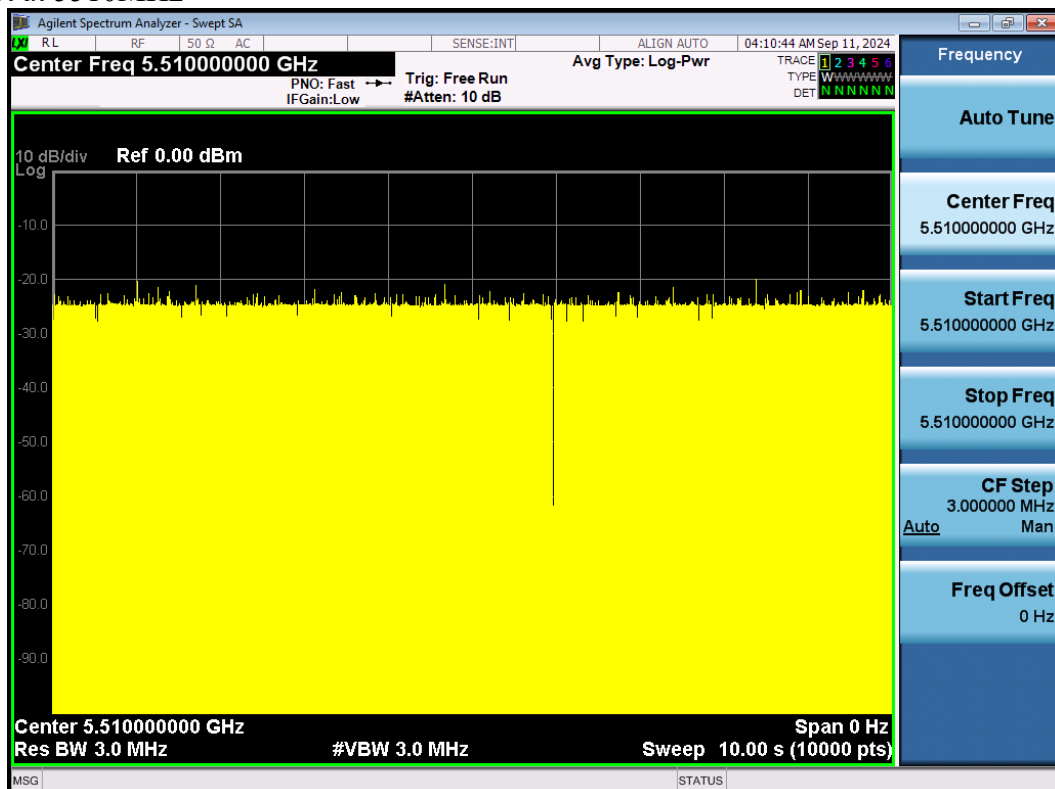
Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

## Traffic plot

### Traffic Plot at 5500MHz



### Traffic Plot at 5510MHz

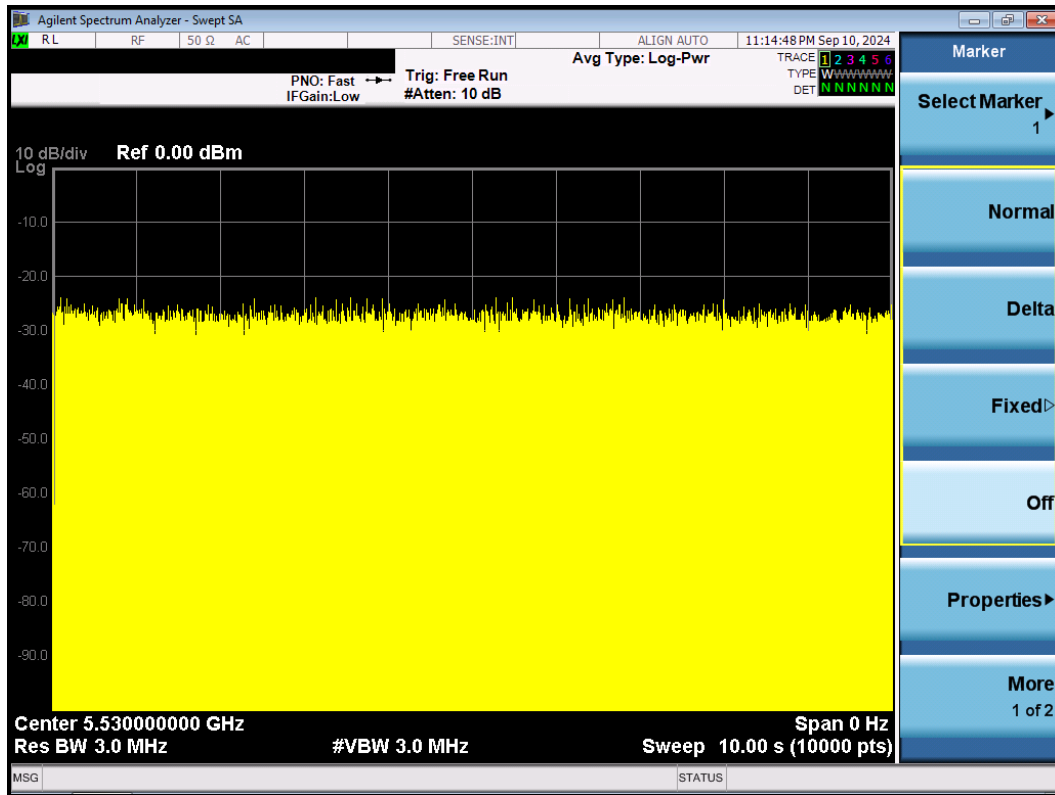




Registration number: W6M22405-23479-C-55

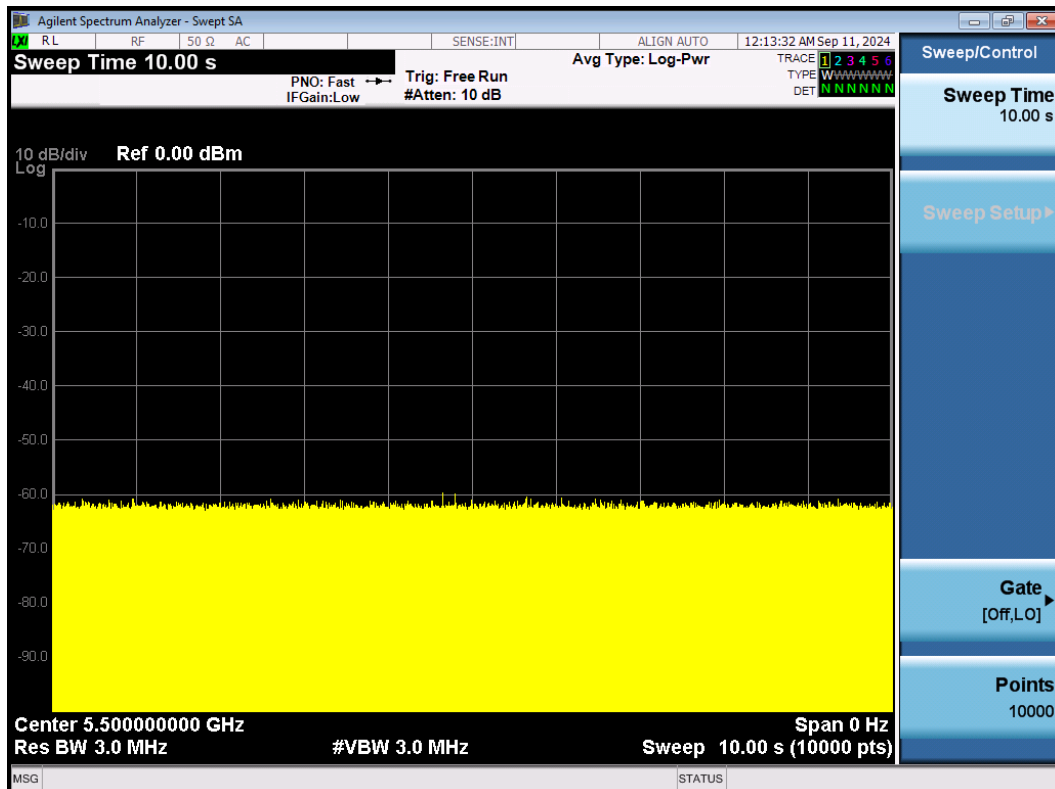
FCC ID: 2AG3J-WRPT50001

Traffic Plot at 5530MHz



Non Traffic Plot

Non-Traffic Plot at 5500MHz

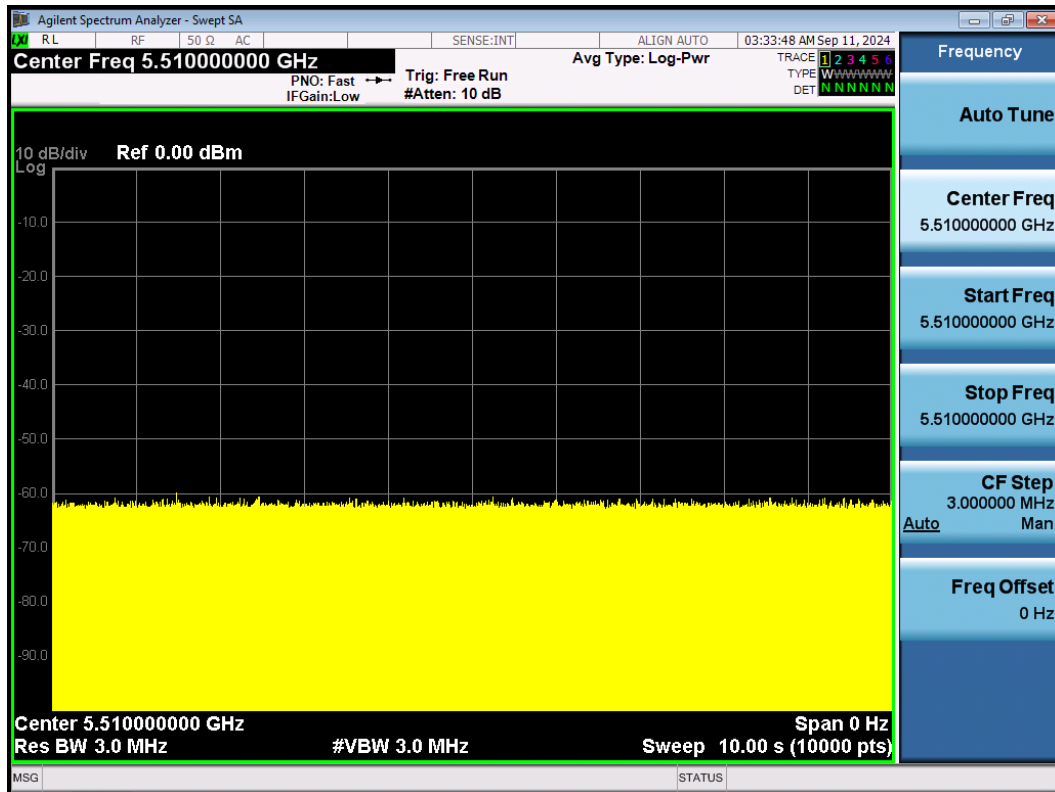




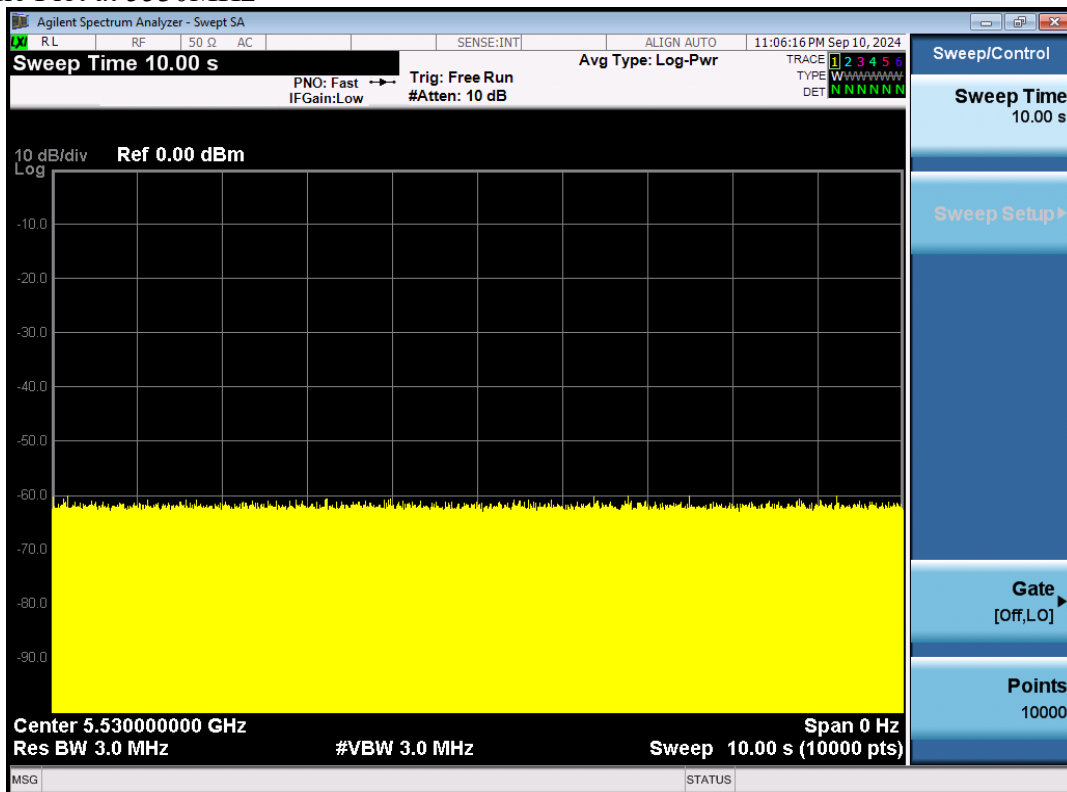
Registration number: W6M22405-23479-C-55

FCC ID: 2AG3J-WRPT50001

Non-Traffic Plot at 5510MHz



Non-Traffic Plot at 5530MHz





# ***Worldwide Testing Services(Taiwan) Co., Ltd.***

Registration number: W6M22405-23479-C-55

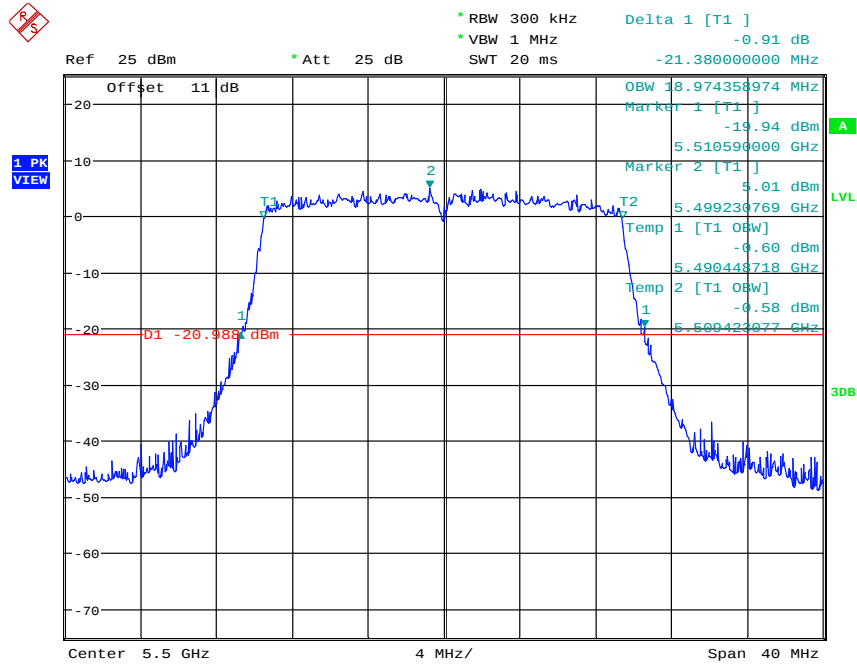
FCC ID: 2AG3J-WRPT50001

## **3.10.2 UNII Detection Bandwidth**

| <b>EUT Frequency=5500MHz</b>                                                               |                                                            |          |          |          |          |          |          |          |          |           |                           |
|--------------------------------------------------------------------------------------------|------------------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|---------------------------|
| <b>Radar Frequency (MHz)</b>                                                               | <b>DFS Detection Trials (1=Detection, 0= No Detection)</b> |          |          |          |          |          |          |          |          |           | <b>Detection Rate (%)</b> |
|                                                                                            | <b>1</b>                                                   | <b>2</b> | <b>3</b> | <b>4</b> | <b>5</b> | <b>6</b> | <b>7</b> | <b>8</b> | <b>9</b> | <b>10</b> |                           |
| 5489                                                                                       | 0                                                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0%                        |
| 5490(FL)                                                                                   | 1                                                          | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                      |
| 5491                                                                                       | 1                                                          | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                      |
| 5492                                                                                       | 1                                                          | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                      |
| 5493                                                                                       | 1                                                          | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                      |
| 5494                                                                                       | 1                                                          | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                      |
| 5495                                                                                       | 1                                                          | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                      |
| 5500(FC)                                                                                   | 1                                                          | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                      |
| 5505                                                                                       | 1                                                          | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                      |
| 5506                                                                                       | 1                                                          | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                      |
| 5507                                                                                       | 1                                                          | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                      |
| 5508                                                                                       | 1                                                          | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                      |
| 5509                                                                                       | 1                                                          | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                      |
| 5510(FH)                                                                                   | 1                                                          | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                      |
| 5511                                                                                       | 0                                                          | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0%                        |
| Detection Bandwidth = FH-FL = 5510MHz-5490MHz = 20MHz                                      |                                                            |          |          |          |          |          |          |          |          |           |                           |
| UNII Detection Bandwidth Min. Limit (MHz) = EUT 99% Bandwidth = 18.974358974MHz (see note) |                                                            |          |          |          |          |          |          |          |          |           |                           |



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001



99% OBW& 26dB Bandwidth ANT\_1\_ax20\_CH100  
Date: 6.OCT.2024 09:55:17

| EUT Frequency=5510MHz       |                                                     |          |          |          |          |          |          |          |          |           |                       |
|-----------------------------|-----------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------------------|
| Radar<br>Frequency<br>(MHz) | DFS Detection Trials (1=Detection, 0= No Detection) |          |          |          |          |          |          |          |          |           | Detection<br>Rate (%) |
|                             | <u>1</u>                                            | <u>2</u> | <u>3</u> | <u>4</u> | <u>5</u> | <u>6</u> | <u>7</u> | <u>8</u> | <u>9</u> | <u>10</u> |                       |
| 5489                        | 0                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0%                    |
| 5490(FL)                    | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5491                        | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5492                        | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5493                        | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5494                        | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5495                        | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5500                        | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5505                        | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5510(FC)                    | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5515                        | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5520                        | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5525                        | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |

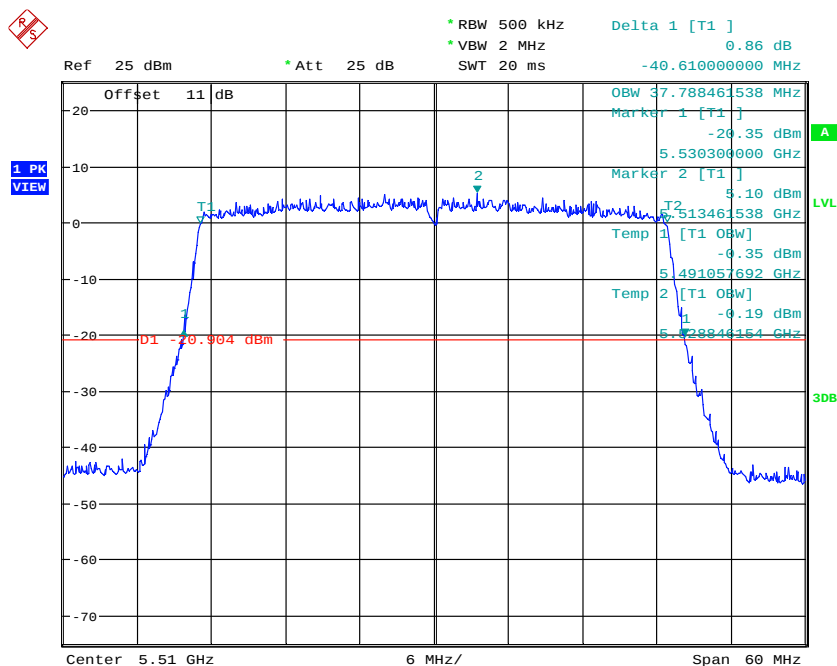


Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

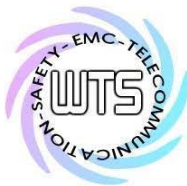
|          |   |   |   |   |   |   |   |   |   |   |      |
|----------|---|---|---|---|---|---|---|---|---|---|------|
| 5526     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100% |
| 5527     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100% |
| 5528     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100% |
| 5529     | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100% |
| 5530(FH) | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 100% |
| 5531     | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0%   |

Detection Bandwidth = FH-FL = 5530MHz-5490MHz = 40MHz

UNII Detection Bandwidth Min. Limit (MHz) = EUT 99% Bandwidth = 37.788461538MHz (see note)



99% OBW& 26dB Bandwidth ANT\_1\_ax40\_CH102  
Date: 6.OCT.2024 09:59:54



# Worldwide Testing Services(Taiwan) Co., Ltd.

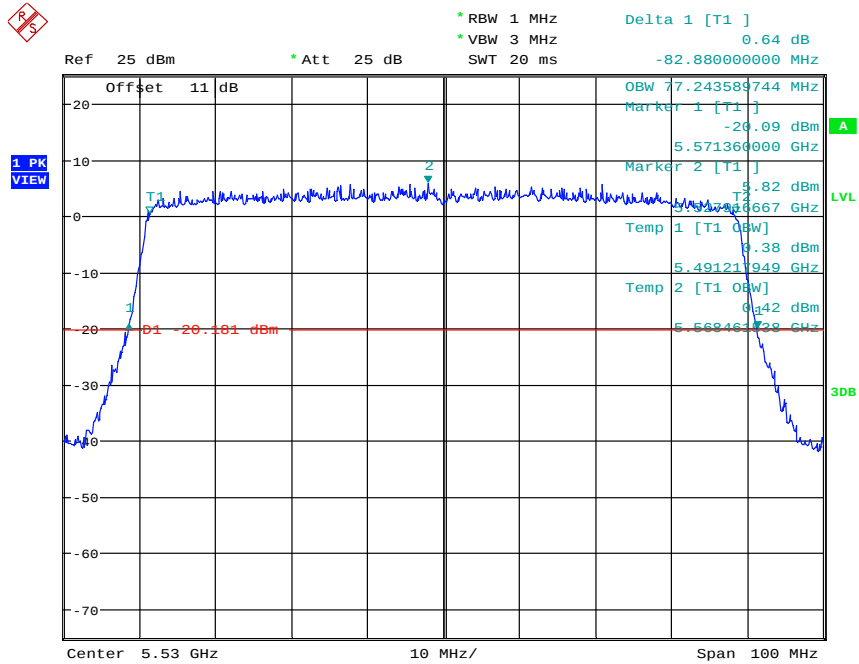
Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

| EUT Frequency=5510MHz                                                                      |                                                     |          |          |          |          |          |          |          |          |           |                       |
|--------------------------------------------------------------------------------------------|-----------------------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------------------|
| Radar<br>Frequency<br>(MHz)                                                                | DFS Detection Trials (1=Detection, 0= No Detection) |          |          |          |          |          |          |          |          |           | Detection<br>Rate (%) |
|                                                                                            | <u>1</u>                                            | <u>2</u> | <u>3</u> | <u>4</u> | <u>5</u> | <u>6</u> | <u>7</u> | <u>8</u> | <u>9</u> | <u>10</u> |                       |
| 5489                                                                                       | 0                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0%                    |
| 5490(FL)                                                                                   | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5491                                                                                       | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5492                                                                                       | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5493                                                                                       | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5494                                                                                       | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5495                                                                                       | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5500                                                                                       | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5505                                                                                       | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5510                                                                                       | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5515                                                                                       | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5520                                                                                       | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5525                                                                                       | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5530(FC)                                                                                   | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5535                                                                                       | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5540                                                                                       | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5545                                                                                       | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5550                                                                                       | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5555                                                                                       | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5560                                                                                       | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5565                                                                                       | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5566                                                                                       | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5567                                                                                       | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5568                                                                                       | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5569                                                                                       | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5570(FH)                                                                                   | 1                                                   | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1        | 1         | 100%                  |
| 5571                                                                                       | 0                                                   | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0        | 0         | 0%                    |
| Detection Bandwidth = FH-FL = 5570MHz-5490MHz = 80MHz                                      |                                                     |          |          |          |          |          |          |          |          |           |                       |
| UNII Detection Bandwidth Min. Limit (MHz) = EUT 99% Bandwidth = 77.243589744MHz (see note) |                                                     |          |          |          |          |          |          |          |          |           |                       |



# Worldwide Testing Services(Taiwan) Co., Ltd.

Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

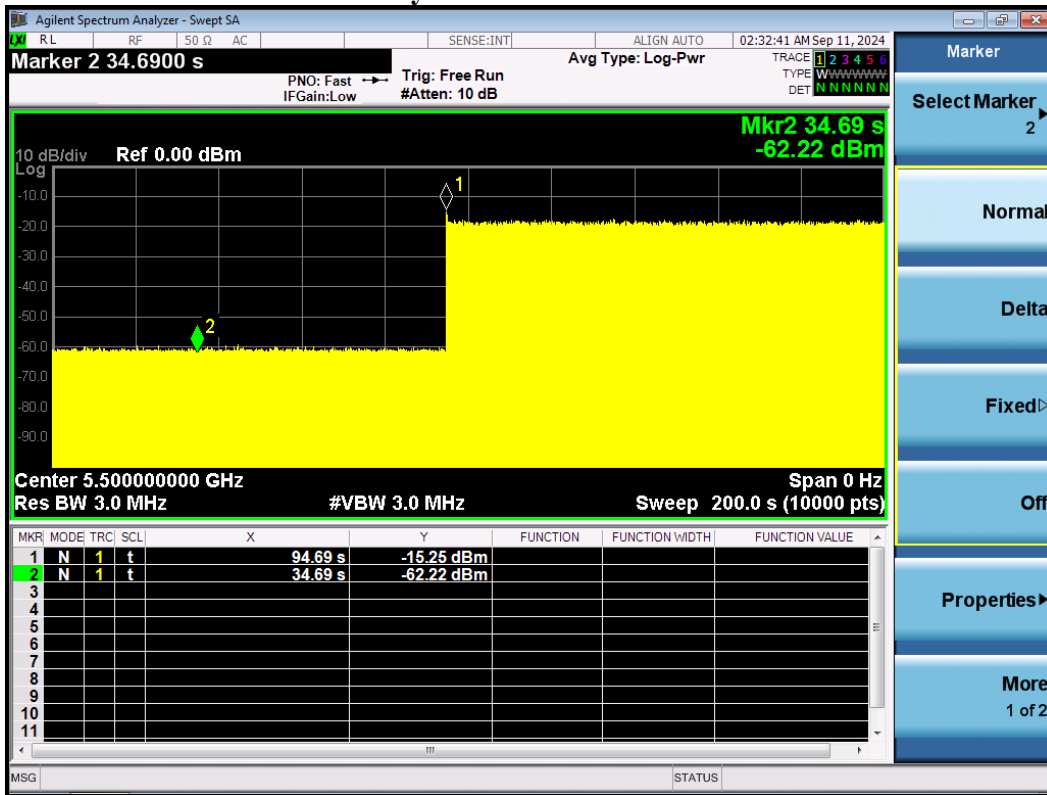


99% OBW& 26dB Bandwidth ANT\_1\_ax80\_CH106  
Date: 6.OCT.2024 10:05:39

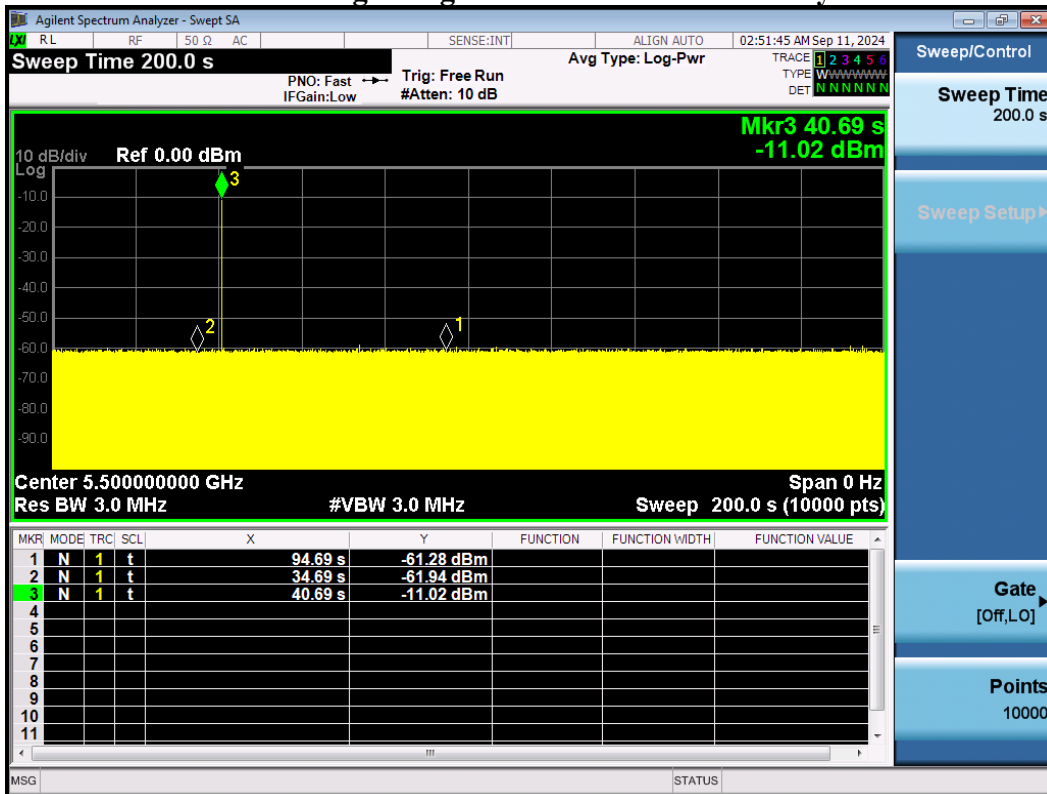


Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

## 3.10.3 Initial Channel Availability Check Time-5500 MHz



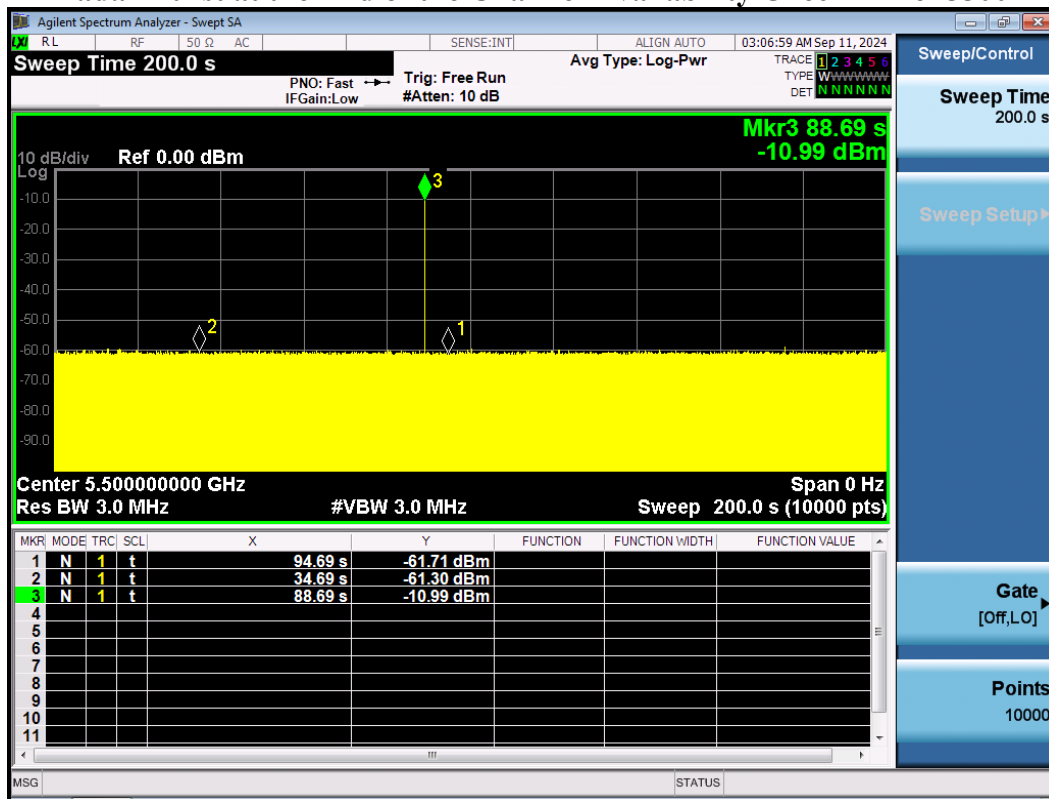
## 3.10.4 Radar Burst at the Beginning of the Channel Availability Check Time-5500 MHz





Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

## 3.10.5 Radar Burst at the End of the Channel Availability Check Time- 5500 MHz



## 3.10.6 In-Service Monitoring for Channel Move Time, Channel Closing Transmission Time and Non-Occupancy Period

Result :  
Test date: September 10, 2024-September 11, 2024  
Temperature: 27.2 °C  
Humidity:46.5 %  
Tester: Sora

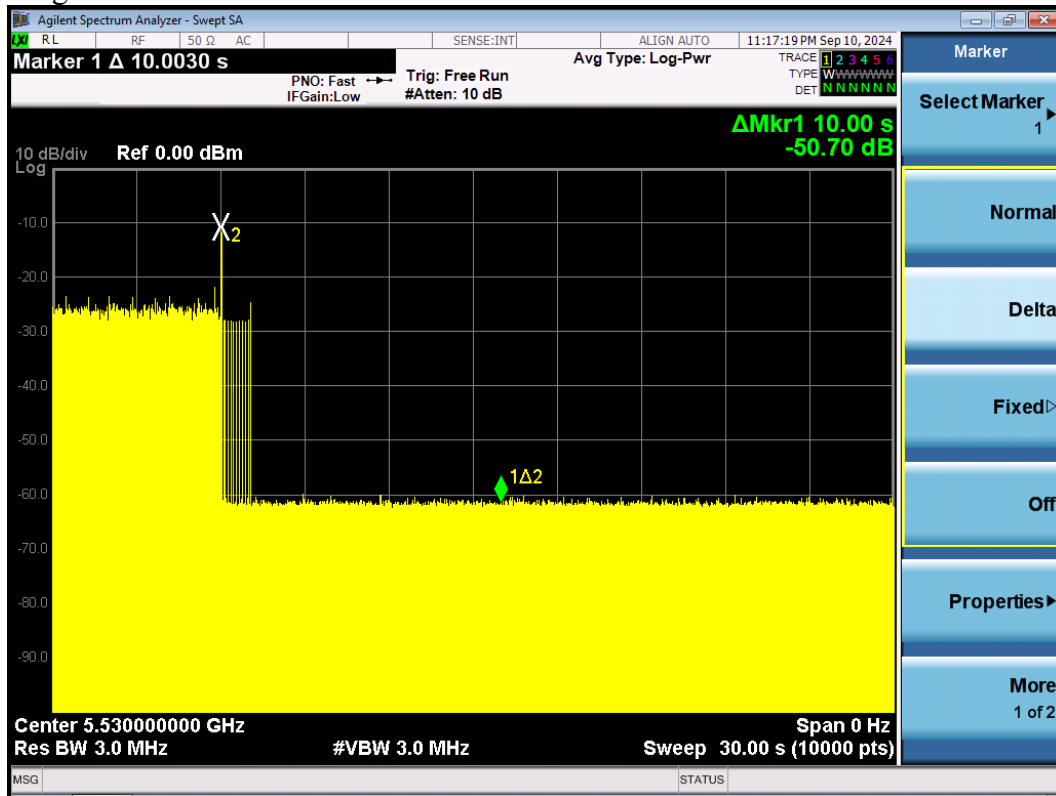
| Parameter<br>( at 5530MHz )          | Test Result | Limit  |
|--------------------------------------|-------------|--------|
|                                      | Type0       |        |
| Channel Move Time (ms)               | 1.056s      | <10s   |
| Channel Close Transmission Time (ms) | 30ms        | < 60ms |
| 30Minutes Non-Occupancy Time         | Pass        | >1800s |

Note: The Channel Close Transmission Time is compromised 200 milliseconds starting at the beginning of the Channel Move Time plus the additional intermittent control signal required to facilitate channel-move operation (an aggregate of 60milliseconds) during the remainder of the 10seconds period.

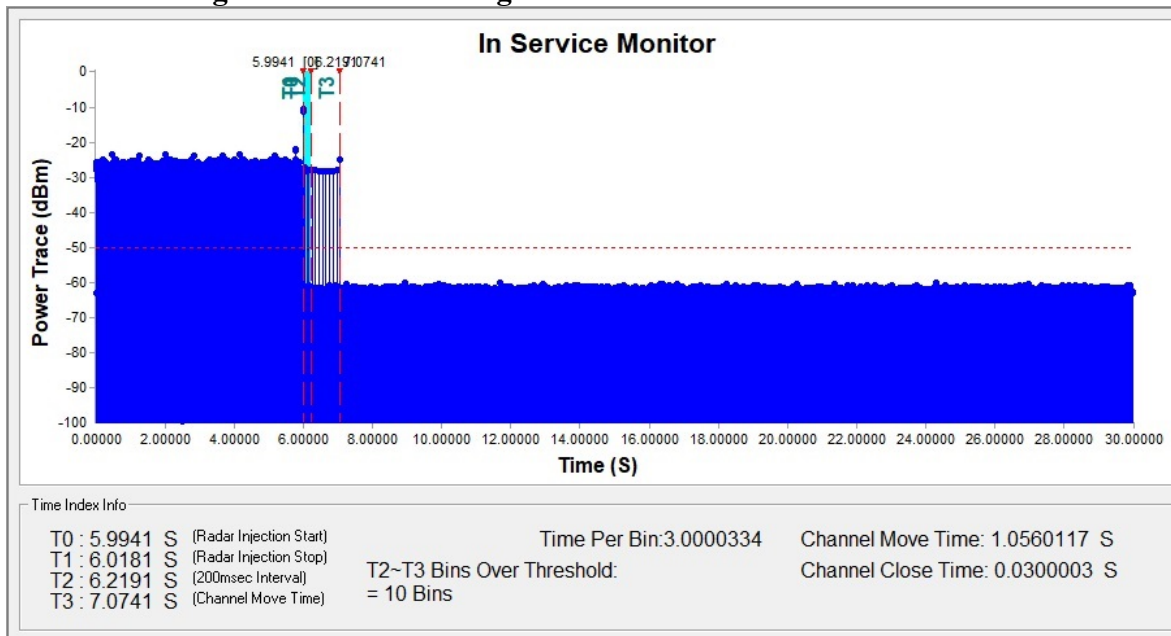


Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

**In-Service Monitoring Channel Move Time**  
Type0 radar signal at 5530MHz



**In-Service Monitoring for Channel Closing Transmission Time**

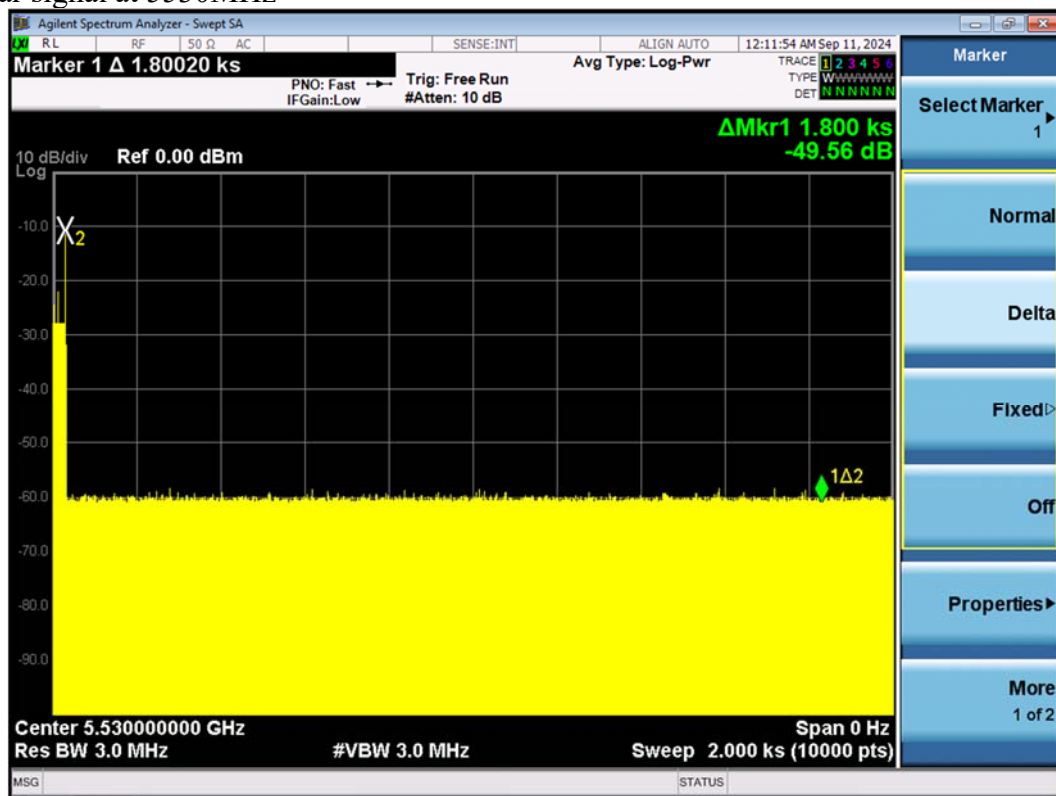


| Frequency (MHz) | Bandwidth (MHz) | Radar Type | Test Result (ms) | Limit | Result     |
|-----------------|-----------------|------------|------------------|-------|------------|
| 5530            | 80              | Type 0     | 30               | 60ms  | Compliance |



Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

**In-Service Monitoring for Non-Occupancy Period**  
Type0 radar signal at 5530MHz





# ***Worldwide Testing Services(Taiwan) Co., Ltd.***

Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

## **3.10.7 Statistical Performance Check**

Modulation Mode: 802.11ax20

Type 1 Radar Statistical Performance

| Trail #                  | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses / Burst | 1=Detection<br>0=No Detection |
|--------------------------|------------------|------------------|----------|----------------|-------------------------------|
| 1                        | 5500             | 1                | 938      | 57             | 1                             |
| 2                        | 5500             | 1                | 698      | 76             | 1                             |
| 3                        | 5500             | 1                | 618      | 86             | 1                             |
| 4                        | 5500             | 1                | 538      | 99             | 1                             |
| 5                        | 5500             | 1                | 878      | 61             | 1                             |
| 6                        | 5500             | 1                | 3066     | 18             | 1                             |
| 7                        | 5500             | 1                | 638      | 83             | 1                             |
| 8                        | 5500             | 1                | 918      | 58             | 1                             |
| 9                        | 5500             | 1                | 838      | 63             | 1                             |
| 10                       | 5500             | 1                | 858      | 62             | 1                             |
| 11                       | 5500             | 1                | 798      | 67             | 1                             |
| 12                       | 5500             | 1                | 718      | 74             | 0                             |
| 13                       | 5500             | 1                | 578      | 92             | 1                             |
| 14                       | 5500             | 1                | 598      | 89             | 1                             |
| 15                       | 5500             | 1                | 558      | 95             | 1                             |
| 16                       | 5500             | 1                | 2536     | 21             | 1                             |
| 17                       | 5500             | 1                | 966      | 55             | 1                             |
| 18                       | 5500             | 1                | 827      | 64             | 1                             |
| 19                       | 5500             | 1                | 2501     | 22             | 1                             |
| 20                       | 5500             | 1                | 2595     | 21             | 1                             |
| 21                       | 5500             | 1                | 1114     | 48             | 1                             |
| 22                       | 5500             | 1                | 1302     | 41             | 1                             |
| 23                       | 5500             | 1                | 3045     | 18             | 1                             |
| 24                       | 5500             | 1                | 1624     | 33             | 1                             |
| 25                       | 5500             | 1                | 2878     | 19             | 1                             |
| 26                       | 5500             | 1                | 1027     | 52             | 1                             |
| 27                       | 5500             | 1                | 2485     | 22             | 1                             |
| 28                       | 5500             | 1                | 1600     | 33             | 1                             |
| 29                       | 5500             | 1                | 1172     | 46             | 1                             |
| 30                       | 5500             | 1                | 1177     | 45             | 1                             |
| Detection Percentage (%) |                  |                  |          |                | 97%                           |



# ***Worldwide Testing Services(Taiwan) Co., Ltd.***

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FCC ID: 2AG3J-WRPT50001

## Type 2 Radar Statistical Performance

| Trail #                  | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses / Burst | 1=Detection<br>0=No Detection |
|--------------------------|------------------|------------------|----------|----------------|-------------------------------|
| 1                        | 5500             | 3.2              | 179      | 26             | 1                             |
| 2                        | 5500             | 1.1              | 207      | 23             | 1                             |
| 3                        | 5500             | 2.1              | 230      | 24             | 1                             |
| 4                        | 5500             | 4.8              | 200      | 29             | 1                             |
| 5                        | 5500             | 3.9              | 214      | 28             | 1                             |
| 6                        | 5500             | 2.9              | 222      | 26             | 1                             |
| 7                        | 5500             | 3.2              | 204      | 26             | 1                             |
| 8                        | 5500             | 2.5              | 192      | 25             | 1                             |
| 9                        | 5500             | 3.1              | 164      | 26             | 1                             |
| 10                       | 5500             | 1.2              | 156      | 23             | 1                             |
| 11                       | 5500             | 3.9              | 210      | 27             | 1                             |
| 12                       | 5500             | 4.6              | 201      | 29             | 1                             |
| 13                       | 5500             | 3.2              | 162      | 26             | 1                             |
| 14                       | 5500             | 2.2              | 197      | 25             | 1                             |
| 15                       | 5500             | 4.5              | 163      | 29             | 1                             |
| 16                       | 5500             | 3                | 203      | 26             | 1                             |
| 17                       | 5500             | 5                | 168      | 29             | 1                             |
| 18                       | 5500             | 2.4              | 217      | 25             | 1                             |
| 19                       | 5500             | 2.9              | 191      | 26             | 1                             |
| 20                       | 5500             | 2.3              | 166      | 25             | 1                             |
| 21                       | 5500             | 3.7              | 150      | 27             | 1                             |
| 22                       | 5500             | 2.2              | 176      | 25             | 1                             |
| 23                       | 5500             | 4.9              | 195      | 29             | 1                             |
| 24                       | 5500             | 2.9              | 202      | 26             | 1                             |
| 25                       | 5500             | 2.5              | 178      | 25             | 1                             |
| 26                       | 5500             | 1.1              | 206      | 23             | 1                             |
| 27                       | 5500             | 3.8              | 155      | 27             | 1                             |
| 28                       | 5500             | 4.7              | 157      | 29             | 1                             |
| 29                       | 5500             | 2.4              | 224      | 25             | 1                             |
| 30                       | 5500             | 4.2              | 159      | 28             | 1                             |
| Detection Percentage (%) |                  |                  |          |                | 100%                          |



# ***Worldwide Testing Services(Taiwan) Co., Ltd.***

Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

## Type 3 Radar Statistical Performance

| Trail #                  | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses / Burst | 1=Detection<br>0=No Detection |
|--------------------------|------------------|------------------|----------|----------------|-------------------------------|
| 1                        | 5500             | 8.2              | 355      | 17             | 1                             |
| 2                        | 5500             | 6.1              | 487      | 16             | 1                             |
| 3                        | 5500             | 7.1              | 344      | 16             | 1                             |
| 4                        | 5500             | 9.8              | 288      | 18             | 1                             |
| 5                        | 5500             | 8.9              | 230      | 18             | 1                             |
| 6                        | 5500             | 7.9              | 432      | 17             | 1                             |
| 7                        | 5500             | 8.2              | 207      | 17             | 1                             |
| 8                        | 5500             | 7.5              | 443      | 17             | 1                             |
| 9                        | 5500             | 8.1              | 439      | 17             | 1                             |
| 10                       | 5500             | 6.2              | 223      | 16             | 1                             |
| 11                       | 5500             | 8.9              | 208      | 18             | 1                             |
| 12                       | 5500             | 9.6              | 463      | 18             | 1                             |
| 13                       | 5500             | 8.2              | 441      | 17             | 1                             |
| 14                       | 5500             | 7.2              | 323      | 16             | 1                             |
| 15                       | 5500             | 9.5              | 297      | 18             | 1                             |
| 16                       | 5500             | 8                | 412      | 17             | 1                             |
| 17                       | 5500             | 10               | 324      | 18             | 1                             |
| 18                       | 5500             | 7.4              | 271      | 17             | 1                             |
| 19                       | 5500             | 7.9              | 349      | 17             | 1                             |
| 20                       | 5500             | 7.3              | 409      | 16             | 1                             |
| 21                       | 5500             | 8.7              | 373      | 18             | 1                             |
| 22                       | 5500             | 7.2              | 254      | 16             | 1                             |
| 23                       | 5500             | 9.9              | 274      | 18             | 1                             |
| 24                       | 5500             | 7.9              | 278      | 17             | 1                             |
| 25                       | 5500             | 7.5              | 317      | 17             | 1                             |
| 26                       | 5500             | 6.1              | 260      | 16             | 1                             |
| 27                       | 5500             | 8.8              | 211      | 18             | 1                             |
| 28                       | 5500             | 9.7              | 272      | 18             | 1                             |
| 29                       | 5500             | 7.4              | 264      | 17             | 1                             |
| 30                       | 5500             | 9.2              | 284      | 18             | 1                             |
| Detection Percentage (%) |                  |                  |          |                | 100%                          |



# ***Worldwide Testing Services(Taiwan) Co., Ltd.***

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FCC ID: 2AG3J-WRPT50001

## Type 4 Radar Statistical Performance

| Trail #                  | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses / Burst | 1=Detection<br>0=No Detection |
|--------------------------|------------------|------------------|----------|----------------|-------------------------------|
| 1                        | 5500             | 16               | 355      | 14             | 1                             |
| 2                        | 5500             | 11.3             | 487      | 12             | 1                             |
| 3                        | 5500             | 13.5             | 344      | 13             | 1                             |
| 4                        | 5500             | 19.4             | 288      | 16             | 1                             |
| 5                        | 5500             | 17.5             | 230      | 15             | 1                             |
| 6                        | 5500             | 15.3             | 432      | 14             | 1                             |
| 7                        | 5500             | 15.9             | 207      | 14             | 1                             |
| 8                        | 5500             | 14.3             | 443      | 13             | 1                             |
| 9                        | 5500             | 15.8             | 439      | 14             | 1                             |
| 10                       | 5500             | 11.5             | 223      | 12             | 1                             |
| 11                       | 5500             | 17.4             | 208      | 15             | 1                             |
| 12                       | 5500             | 19               | 463      | 16             | 1                             |
| 13                       | 5500             | 16               | 441      | 14             | 1                             |
| 14                       | 5500             | 13.8             | 323      | 13             | 1                             |
| 15                       | 5500             | 18.9             | 297      | 16             | 1                             |
| 16                       | 5500             | 15.5             | 412      | 14             | 1                             |
| 17                       | 5500             | 19.9             | 324      | 16             | 1                             |
| 18                       | 5500             | 14.1             | 271      | 13             | 1                             |
| 19                       | 5500             | 15.2             | 349      | 14             | 1                             |
| 20                       | 5500             | 13.8             | 409      | 13             | 1                             |
| 21                       | 5500             | 17.1             | 373      | 15             | 1                             |
| 22                       | 5500             | 13.8             | 254      | 13             | 1                             |
| 23                       | 5500             | 19.8             | 274      | 16             | 1                             |
| 24                       | 5500             | 15.3             | 278      | 14             | 1                             |
| 25                       | 5500             | 14.5             | 317      | 13             | 1                             |
| 26                       | 5500             | 11.3             | 260      | 12             | 1                             |
| 27                       | 5500             | 17.3             | 211      | 15             | 1                             |
| 28                       | 5500             | 19.2             | 272      | 16             | 1                             |
| 29                       | 5500             | 14.2             | 264      | 13             | 1                             |
| 30                       | 5500             | 18.2             | 284      | 15             | 1                             |
| Detection Percentage (%) |                  |                  |          |                | 100%                          |



# ***Worldwide Testing Services(Taiwan) Co., Ltd.***

Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

## Type 5 Radar Statistical Performance

| Center Freq(MHz)         | Low Edge(MHz) | High Edge(MHz) | Test Freq<br>(MHz) | 1=Detection<br>0=No Detection |
|--------------------------|---------------|----------------|--------------------|-------------------------------|
| Trail #                  | Chirp         | offset         |                    |                               |
| 1                        | 13            | --             | 5500               | 1                             |
| 2                        | 12            | --             | 5500               | 1                             |
| 3                        | 12            | --             | 5500               | 1                             |
| 4                        | 10            | --             | 5500               | 1                             |
| 5                        | 10            | --             | 5500               | 1                             |
| 6                        | 18            | --             | 5500               | 1                             |
| 7                        | 19            | --             | 5500               | 1                             |
| 8                        | 5             | --             | 5500               | 1                             |
| 9                        | 6             | --             | 5500               | 1                             |
| 10                       | 9             | --             | 5500               | 1                             |
| 11                       | 12            | 4.8            | 5494.8             | 1                             |
| 12                       | 20            | 8              | 5498               | 1                             |
| 13                       | 7             | 2.8            | 5492.8             | 1                             |
| 14                       | 13            | 5.2            | 5495.2             | 1                             |
| 15                       | 18            | 7.2            | 5497.2             | 1                             |
| 16                       | 13            | 5.2            | 5495.2             | 1                             |
| 17                       | 17            | 6.8            | 5496.8             | 1                             |
| 18                       | 16            | 6.4            | 5496.4             | 1                             |
| 19                       | 6             | 2.4            | 5492.4             | 1                             |
| 20                       | 17            | 6.8            | 5496.8             | 1                             |
| 21                       | 12            | 4.8            | 5505.2             | 1                             |
| 22                       | 14            | 5.6            | 5504.4             | 1                             |
| 23                       | 13            | 5.2            | 5504.8             | 1                             |
| 24                       | 5             | 2              | 5508               | 1                             |
| 25                       | 19            | 7.6            | 5502.4             | 1                             |
| 26                       | 10            | 4              | 5506               | 1                             |
| 27                       | 15            | 6              | 5504               | 1                             |
| 28                       | 16            | 6.4            | 5503.6             | 1                             |
| 29                       | 5             | 2              | 5508               | 1                             |
| 30                       | 15            | 6              | 5504               | 1                             |
| Detection Percentage (%) |               |                |                    | 100%                          |



# **Worldwide Testing Services(Taiwan) Co., Ltd.**

Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

## Type 6 Radar Statistical Performance

| Trail #                  | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses Per Hop | 1=Detection<br>0=No Detection |
|--------------------------|------------------|------------------|----------|----------------|-------------------------------|
| 1                        | 5500             | 1                | 333.3    | 9              | 1                             |
| 2                        | 5500             | 1                | 333.3    | 9              | 1                             |
| 3                        | 5500             | 1                | 333.3    | 9              | 1                             |
| 4                        | 5500             | 1                | 333.3    | 9              | 1                             |
| 5                        | 5500             | 1                | 333.3    | 9              | 1                             |
| 6                        | 5500             | 1                | 333.3    | 9              | 1                             |
| 7                        | 5500             | 1                | 333.3    | 9              | 1                             |
| 8                        | 5500             | 1                | 333.3    | 9              | 1                             |
| 9                        | 5500             | 1                | 333.3    | 9              | 1                             |
| 10                       | 5500             | 1                | 333.3    | 9              | 1                             |
| 11                       | 5500             | 1                | 333.3    | 9              | 1                             |
| 12                       | 5500             | 1                | 333.3    | 9              | 1                             |
| 13                       | 5500             | 1                | 333.3    | 9              | 1                             |
| 14                       | 5500             | 1                | 333.3    | 9              | 1                             |
| 15                       | 5500             | 1                | 333.3    | 9              | 1                             |
| 16                       | 5500             | 1                | 333.3    | 9              | 1                             |
| 17                       | 5500             | 1                | 333.3    | 9              | 1                             |
| 18                       | 5500             | 1                | 333.3    | 9              | 1                             |
| 19                       | 5500             | 1                | 333.3    | 9              | 1                             |
| 20                       | 5500             | 1                | 333.3    | 9              | 1                             |
| 21                       | 5500             | 1                | 333.3    | 9              | 1                             |
| 22                       | 5500             | 1                | 333.3    | 9              | 1                             |
| 23                       | 5500             | 1                | 333.3    | 9              | 1                             |
| 24                       | 5500             | 1                | 333.3    | 9              | 1                             |
| 25                       | 5500             | 1                | 333.3    | 9              | 1                             |
| 26                       | 5500             | 1                | 333.3    | 9              | 1                             |
| 27                       | 5500             | 1                | 333.3    | 9              | 1                             |
| 28                       | 5500             | 1                | 333.3    | 9              | 1                             |
| 29                       | 5500             | 1                | 333.3    | 9              | 1                             |
| 30                       | 5500             | 1                | 333.3    | 9              | 1                             |
| Detection Percentage (%) |                  |                  |          |                | 100%                          |



# ***Worldwide Testing Services(Taiwan) Co., Ltd.***

Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

Modulation Mode: 802.11ax40

Type 1 Radar Statistical Performance

| Trail #                  | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses / Burst | 1=Detection<br>0=No Detection |
|--------------------------|------------------|------------------|----------|----------------|-------------------------------|
| 1                        | 5510             | 1                | 938      | 57             | 1                             |
| 2                        | 5510             | 1                | 698      | 76             | 1                             |
| 3                        | 5510             | 1                | 618      | 86             | 1                             |
| 4                        | 5510             | 1                | 538      | 99             | 1                             |
| 5                        | 5510             | 1                | 878      | 61             | 1                             |
| 6                        | 5510             | 1                | 3066     | 18             | 1                             |
| 7                        | 5510             | 1                | 638      | 83             | 1                             |
| 8                        | 5510             | 1                | 918      | 58             | 1                             |
| 9                        | 5510             | 1                | 838      | 63             | 1                             |
| 10                       | 5510             | 1                | 858      | 62             | 1                             |
| 11                       | 5510             | 1                | 798      | 67             | 1                             |
| 12                       | 5510             | 1                | 718      | 74             | 0                             |
| 13                       | 5510             | 1                | 578      | 92             | 1                             |
| 14                       | 5510             | 1                | 598      | 89             | 1                             |
| 15                       | 5510             | 1                | 558      | 95             | 1                             |
| 16                       | 5510             | 1                | 2536     | 21             | 1                             |
| 17                       | 5510             | 1                | 966      | 55             | 1                             |
| 18                       | 5510             | 1                | 827      | 64             | 1                             |
| 19                       | 5510             | 1                | 2501     | 22             | 1                             |
| 20                       | 5510             | 1                | 2595     | 21             | 1                             |
| 21                       | 5510             | 1                | 1114     | 48             | 1                             |
| 22                       | 5510             | 1                | 1302     | 41             | 1                             |
| 23                       | 5510             | 1                | 3045     | 18             | 1                             |
| 24                       | 5510             | 1                | 1624     | 33             | 1                             |
| 25                       | 5510             | 1                | 2878     | 19             | 1                             |
| 26                       | 5510             | 1                | 1027     | 52             | 1                             |
| 27                       | 5510             | 1                | 2485     | 22             | 1                             |
| 28                       | 5510             | 1                | 1600     | 33             | 1                             |
| 29                       | 5510             | 1                | 1172     | 46             | 1                             |
| 30                       | 5510             | 1                | 1177     | 45             | 1                             |
| Detection Percentage (%) |                  |                  |          |                | 97%                           |



# ***Worldwide Testing Services(Taiwan) Co., Ltd.***

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## Type 2 Radar Statistical Performance

| Trail #                  | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses / Burst | 1=Detection<br>0=No Detection |
|--------------------------|------------------|------------------|----------|----------------|-------------------------------|
| 1                        | 5510             | 3.2              | 179      | 26             | 1                             |
| 2                        | 5510             | 1.1              | 207      | 23             | 1                             |
| 3                        | 5510             | 2.1              | 230      | 24             | 1                             |
| 4                        | 5510             | 4.8              | 200      | 29             | 1                             |
| 5                        | 5510             | 3.9              | 214      | 28             | 1                             |
| 6                        | 5510             | 2.9              | 222      | 26             | 1                             |
| 7                        | 5510             | 3.2              | 204      | 26             | 1                             |
| 8                        | 5510             | 2.5              | 192      | 25             | 1                             |
| 9                        | 5510             | 3.1              | 164      | 26             | 1                             |
| 10                       | 5510             | 1.2              | 156      | 23             | 1                             |
| 11                       | 5510             | 3.9              | 210      | 27             | 1                             |
| 12                       | 5510             | 4.6              | 201      | 29             | 1                             |
| 13                       | 5510             | 3.2              | 162      | 26             | 1                             |
| 14                       | 5510             | 2.2              | 197      | 25             | 1                             |
| 15                       | 5510             | 4.5              | 163      | 29             | 1                             |
| 16                       | 5510             | 3                | 203      | 26             | 1                             |
| 17                       | 5510             | 5                | 168      | 29             | 1                             |
| 18                       | 5510             | 2.4              | 217      | 25             | 1                             |
| 19                       | 5510             | 2.9              | 191      | 26             | 1                             |
| 20                       | 5510             | 2.3              | 166      | 25             | 1                             |
| 21                       | 5510             | 3.7              | 150      | 27             | 1                             |
| 22                       | 5510             | 2.2              | 176      | 25             | 1                             |
| 23                       | 5510             | 4.9              | 195      | 29             | 1                             |
| 24                       | 5510             | 2.9              | 202      | 26             | 1                             |
| 25                       | 5510             | 2.5              | 178      | 25             | 1                             |
| 26                       | 5510             | 1.1              | 206      | 23             | 1                             |
| 27                       | 5510             | 3.8              | 155      | 27             | 1                             |
| 28                       | 5510             | 4.7              | 157      | 29             | 1                             |
| 29                       | 5510             | 2.4              | 224      | 25             | 1                             |
| 30                       | 5510             | 4.2              | 159      | 28             | 1                             |
| Detection Percentage (%) |                  |                  |          |                | 100%                          |



# **Worldwide Testing Services(Taiwan) Co., Ltd.**

Registration number: W6M22405-23479-C-55  
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## Type 3 Radar Statistical Performance

| Trail #                  | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses / Burst | 1=Detection<br>0=No Detection |
|--------------------------|------------------|------------------|----------|----------------|-------------------------------|
| 1                        | 5510             | 8.2              | 355      | 17             | 1                             |
| 2                        | 5510             | 6.1              | 487      | 16             | 1                             |
| 3                        | 5510             | 7.1              | 344      | 16             | 1                             |
| 4                        | 5510             | 9.8              | 288      | 18             | 1                             |
| 5                        | 5510             | 8.9              | 230      | 18             | 1                             |
| 6                        | 5510             | 7.9              | 432      | 17             | 1                             |
| 7                        | 5510             | 8.2              | 207      | 17             | 1                             |
| 8                        | 5510             | 7.5              | 443      | 17             | 1                             |
| 9                        | 5510             | 8.1              | 439      | 17             | 1                             |
| 10                       | 5510             | 6.2              | 223      | 16             | 1                             |
| 11                       | 5510             | 8.9              | 208      | 18             | 1                             |
| 12                       | 5510             | 9.6              | 463      | 18             | 1                             |
| 13                       | 5510             | 8.2              | 441      | 17             | 1                             |
| 14                       | 5510             | 7.2              | 323      | 16             | 1                             |
| 15                       | 5510             | 9.5              | 297      | 18             | 1                             |
| 16                       | 5510             | 8                | 412      | 17             | 1                             |
| 17                       | 5510             | 10               | 324      | 18             | 1                             |
| 18                       | 5510             | 7.4              | 271      | 17             | 1                             |
| 19                       | 5510             | 7.9              | 349      | 17             | 1                             |
| 20                       | 5510             | 7.3              | 409      | 16             | 1                             |
| 21                       | 5510             | 8.7              | 373      | 18             | 1                             |
| 22                       | 5510             | 7.2              | 254      | 16             | 1                             |
| 23                       | 5510             | 9.9              | 274      | 18             | 1                             |
| 24                       | 5510             | 7.9              | 278      | 17             | 1                             |
| 25                       | 5510             | 7.5              | 317      | 17             | 1                             |
| 26                       | 5510             | 6.1              | 260      | 16             | 1                             |
| 27                       | 5510             | 8.8              | 211      | 18             | 1                             |
| 28                       | 5510             | 9.7              | 272      | 18             | 1                             |
| 29                       | 5510             | 7.4              | 264      | 17             | 1                             |
| 30                       | 5510             | 9.2              | 284      | 18             | 1                             |
| Detection Percentage (%) |                  |                  |          |                | 100%                          |



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## Type 4 Radar Statistical Performance

| Trail #                  | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses / Burst | 1=Detection<br>0=No Detection |
|--------------------------|------------------|------------------|----------|----------------|-------------------------------|
| 1                        | 5510             | 16               | 355      | 14             | 1                             |
| 2                        | 5510             | 11.3             | 487      | 12             | 1                             |
| 3                        | 5510             | 13.5             | 344      | 13             | 1                             |
| 4                        | 5510             | 19.4             | 288      | 16             | 1                             |
| 5                        | 5510             | 17.5             | 230      | 15             | 1                             |
| 6                        | 5510             | 15.3             | 432      | 14             | 1                             |
| 7                        | 5510             | 15.9             | 207      | 14             | 1                             |
| 8                        | 5510             | 14.3             | 443      | 13             | 1                             |
| 9                        | 5510             | 15.8             | 439      | 14             | 1                             |
| 10                       | 5510             | 11.5             | 223      | 12             | 1                             |
| 11                       | 5510             | 17.4             | 208      | 15             | 1                             |
| 12                       | 5510             | 19               | 463      | 16             | 1                             |
| 13                       | 5510             | 16               | 441      | 14             | 1                             |
| 14                       | 5510             | 13.8             | 323      | 13             | 1                             |
| 15                       | 5510             | 18.9             | 297      | 16             | 1                             |
| 16                       | 5510             | 15.5             | 412      | 14             | 1                             |
| 17                       | 5510             | 19.9             | 324      | 16             | 1                             |
| 18                       | 5510             | 14.1             | 271      | 13             | 1                             |
| 19                       | 5510             | 15.2             | 349      | 14             | 1                             |
| 20                       | 5510             | 13.8             | 409      | 13             | 1                             |
| 21                       | 5510             | 17.1             | 373      | 15             | 1                             |
| 22                       | 5510             | 13.8             | 254      | 13             | 1                             |
| 23                       | 5510             | 19.8             | 274      | 16             | 1                             |
| 24                       | 5510             | 15.3             | 278      | 14             | 1                             |
| 25                       | 5510             | 14.5             | 317      | 13             | 1                             |
| 26                       | 5510             | 11.3             | 260      | 12             | 1                             |
| 27                       | 5510             | 17.3             | 211      | 15             | 1                             |
| 28                       | 5510             | 19.2             | 272      | 16             | 1                             |
| 29                       | 5510             | 14.2             | 264      | 13             | 1                             |
| 30                       | 5510             | 18.2             | 284      | 15             | 1                             |
| Detection Percentage (%) |                  |                  |          |                | 100%                          |



# **Worldwide Testing Services(Taiwan) Co., Ltd.**

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## Type 5 Radar Statistical Performance

| Center Freq(MHz)         | Low Edge(MHz) | High Edge(MHz) | Test Freq<br>(MHz) | 1=Detection<br>0=No Detection |
|--------------------------|---------------|----------------|--------------------|-------------------------------|
| Trail #                  | Chirp         | offset         |                    |                               |
| 1                        | 13            | --             | 5510               | 1                             |
| 2                        | 12            | --             | 5510               | 1                             |
| 3                        | 12            | --             | 5510               | 1                             |
| 4                        | 10            | --             | 5510               | 1                             |
| 5                        | 10            | --             | 5510               | 1                             |
| 6                        | 18            | --             | 5510               | 1                             |
| 7                        | 19            | --             | 5510               | 1                             |
| 8                        | 5             | --             | 5510               | 1                             |
| 9                        | 6             | --             | 5510               | 1                             |
| 10                       | 9             | --             | 5510               | 1                             |
| 11                       | 12            | 4.8            | 5494.8             | 1                             |
| 12                       | 20            | 8              | 5498               | 1                             |
| 13                       | 7             | 2.8            | 5492.8             | 1                             |
| 14                       | 13            | 5.2            | 5495.2             | 1                             |
| 15                       | 18            | 7.2            | 5497.2             | 1                             |
| 16                       | 13            | 5.2            | 5495.2             | 1                             |
| 17                       | 17            | 6.8            | 5496.8             | 1                             |
| 18                       | 16            | 6.4            | 5496.4             | 1                             |
| 19                       | 6             | 2.4            | 5492.4             | 1                             |
| 20                       | 17            | 6.8            | 5496.8             | 1                             |
| 21                       | 12            | 4.8            | 5525.2             | 1                             |
| 22                       | 14            | 5.6            | 5524.4             | 1                             |
| 23                       | 13            | 5.2            | 5524.8             | 1                             |
| 24                       | 5             | 2              | 5528               | 1                             |
| 25                       | 19            | 7.6            | 5522.4             | 1                             |
| 26                       | 10            | 4              | 5526               | 1                             |
| 27                       | 15            | 6              | 5524               | 1                             |
| 28                       | 16            | 6.4            | 5523.6             | 1                             |
| 29                       | 5             | 2              | 5528               | 1                             |
| 30                       | 15            | 6              | 5524               | 1                             |
| Detection Percentage (%) |               |                |                    | 100%                          |



# **Worldwide Testing Services(Taiwan) Co., Ltd.**

Registration number: W6M22405-23479-C-55  
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## Type 6 Radar Statistical Performance

| Trail #                  | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses Per Hop | 1=Detection<br>0=No Detection |
|--------------------------|------------------|------------------|----------|----------------|-------------------------------|
| 1                        | 5510             | 1                | 333.3    | 9              | 1                             |
| 2                        | 5510             | 1                | 333.3    | 9              | 1                             |
| 3                        | 5510             | 1                | 333.3    | 9              | 1                             |
| 4                        | 5510             | 1                | 333.3    | 9              | 1                             |
| 5                        | 5510             | 1                | 333.3    | 9              | 1                             |
| 6                        | 5510             | 1                | 333.3    | 9              | 1                             |
| 7                        | 5510             | 1                | 333.3    | 9              | 1                             |
| 8                        | 5510             | 1                | 333.3    | 9              | 1                             |
| 9                        | 5510             | 1                | 333.3    | 9              | 1                             |
| 10                       | 5510             | 1                | 333.3    | 9              | 1                             |
| 11                       | 5510             | 1                | 333.3    | 9              | 1                             |
| 12                       | 5510             | 1                | 333.3    | 9              | 1                             |
| 13                       | 5510             | 1                | 333.3    | 9              | 1                             |
| 14                       | 5510             | 1                | 333.3    | 9              | 1                             |
| 15                       | 5510             | 1                | 333.3    | 9              | 1                             |
| 16                       | 5510             | 1                | 333.3    | 9              | 1                             |
| 17                       | 5510             | 1                | 333.3    | 9              | 1                             |
| 18                       | 5510             | 1                | 333.3    | 9              | 1                             |
| 19                       | 5510             | 1                | 333.3    | 9              | 1                             |
| 20                       | 5510             | 1                | 333.3    | 9              | 1                             |
| 21                       | 5510             | 1                | 333.3    | 9              | 1                             |
| 22                       | 5510             | 1                | 333.3    | 9              | 1                             |
| 23                       | 5510             | 1                | 333.3    | 9              | 1                             |
| 24                       | 5510             | 1                | 333.3    | 9              | 1                             |
| 25                       | 5510             | 1                | 333.3    | 9              | 1                             |
| 26                       | 5510             | 1                | 333.3    | 9              | 1                             |
| 27                       | 5510             | 1                | 333.3    | 9              | 1                             |
| 28                       | 5510             | 1                | 333.3    | 9              | 1                             |
| 29                       | 5510             | 1                | 333.3    | 9              | 1                             |
| 30                       | 5510             | 1                | 333.3    | 9              | 1                             |
| Detection Percentage (%) |                  |                  |          |                | 100%                          |



# ***Worldwide Testing Services(Taiwan) Co., Ltd.***

Registration number: W6M22405-23479-C-55  
FCC ID: 2AG3J-WRPT50001

Modulation Mode: 802.11ax80

## **Type 1 Radar Statistical Performance**

| Trail #                  | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses / Burst | 1=Detection<br>0=No Detection |
|--------------------------|------------------|------------------|----------|----------------|-------------------------------|
| 1                        | 5530             | 1                | 938      | 57             | 1                             |
| 2                        | 5530             | 1                | 698      | 76             | 1                             |
| 3                        | 5530             | 1                | 618      | 86             | 1                             |
| 4                        | 5530             | 1                | 538      | 99             | 1                             |
| 5                        | 5530             | 1                | 878      | 61             | 1                             |
| 6                        | 5530             | 1                | 3066     | 18             | 1                             |
| 7                        | 5530             | 1                | 638      | 83             | 1                             |
| 8                        | 5530             | 1                | 918      | 58             | 1                             |
| 9                        | 5530             | 1                | 838      | 63             | 1                             |
| 10                       | 5530             | 1                | 858      | 62             | 1                             |
| 11                       | 5530             | 1                | 798      | 67             | 1                             |
| 12                       | 5530             | 1                | 718      | 74             | 0                             |
| 13                       | 5530             | 1                | 578      | 92             | 1                             |
| 14                       | 5530             | 1                | 598      | 89             | 1                             |
| 15                       | 5530             | 1                | 558      | 95             | 1                             |
| 16                       | 5530             | 1                | 2536     | 21             | 1                             |
| 17                       | 5530             | 1                | 966      | 55             | 1                             |
| 18                       | 5530             | 1                | 827      | 64             | 1                             |
| 19                       | 5530             | 1                | 2501     | 22             | 1                             |
| 20                       | 5530             | 1                | 2595     | 21             | 1                             |
| 21                       | 5530             | 1                | 1114     | 48             | 1                             |
| 22                       | 5530             | 1                | 1302     | 41             | 1                             |
| 23                       | 5530             | 1                | 3045     | 18             | 1                             |
| 24                       | 5530             | 1                | 1624     | 33             | 1                             |
| 25                       | 5530             | 1                | 2878     | 19             | 1                             |
| 26                       | 5530             | 1                | 1027     | 52             | 1                             |
| 27                       | 5530             | 1                | 2485     | 22             | 1                             |
| 28                       | 5530             | 1                | 1600     | 33             | 1                             |
| 29                       | 5530             | 1                | 1172     | 46             | 1                             |
| 30                       | 5530             | 1                | 1177     | 45             | 1                             |
| Detection Percentage (%) |                  |                  |          |                | 97%                           |



# ***Worldwide Testing Services(Taiwan) Co., Ltd.***

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## Type 2 Radar Statistical Performance

| Trail #                  | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses / Burst | 1=Detection<br>0=No Detection |
|--------------------------|------------------|------------------|----------|----------------|-------------------------------|
| 1                        | 5530             | 3.2              | 179      | 26             | 1                             |
| 2                        | 5530             | 1.1              | 207      | 23             | 1                             |
| 3                        | 5530             | 2.1              | 230      | 24             | 1                             |
| 4                        | 5530             | 4.8              | 200      | 29             | 1                             |
| 5                        | 5530             | 3.9              | 214      | 28             | 1                             |
| 6                        | 5530             | 2.9              | 222      | 26             | 1                             |
| 7                        | 5530             | 3.2              | 204      | 26             | 1                             |
| 8                        | 5530             | 2.5              | 192      | 25             | 1                             |
| 9                        | 5530             | 3.1              | 164      | 26             | 1                             |
| 10                       | 5530             | 1.2              | 156      | 23             | 1                             |
| 11                       | 5530             | 3.9              | 210      | 27             | 1                             |
| 12                       | 5530             | 4.6              | 201      | 29             | 1                             |
| 13                       | 5530             | 3.2              | 162      | 26             | 1                             |
| 14                       | 5530             | 2.2              | 197      | 25             | 1                             |
| 15                       | 5530             | 4.5              | 163      | 29             | 1                             |
| 16                       | 5530             | 3                | 203      | 26             | 1                             |
| 17                       | 5530             | 5                | 168      | 29             | 1                             |
| 18                       | 5530             | 2.4              | 217      | 25             | 1                             |
| 19                       | 5530             | 2.9              | 191      | 26             | 1                             |
| 20                       | 5530             | 2.3              | 166      | 25             | 1                             |
| 21                       | 5530             | 3.7              | 150      | 27             | 1                             |
| 22                       | 5530             | 2.2              | 176      | 25             | 1                             |
| 23                       | 5530             | 4.9              | 195      | 29             | 1                             |
| 24                       | 5530             | 2.9              | 202      | 26             | 1                             |
| 25                       | 5530             | 2.5              | 178      | 25             | 1                             |
| 26                       | 5530             | 1.1              | 206      | 23             | 1                             |
| 27                       | 5530             | 3.8              | 155      | 27             | 1                             |
| 28                       | 5530             | 4.7              | 157      | 29             | 1                             |
| 29                       | 5530             | 2.4              | 224      | 25             | 1                             |
| 30                       | 5530             | 4.2              | 159      | 28             | 1                             |
| Detection Percentage (%) |                  |                  |          |                | 100%                          |



# ***Worldwide Testing Services(Taiwan) Co., Ltd.***

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## Type 3 Radar Statistical Performance

| Trail #                  | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses / Burst | 1=Detection<br>0=No Detection |
|--------------------------|------------------|------------------|----------|----------------|-------------------------------|
| 1                        | 5530             | 8.2              | 355      | 17             | 1                             |
| 2                        | 5530             | 6.1              | 487      | 16             | 1                             |
| 3                        | 5530             | 7.1              | 344      | 16             | 1                             |
| 4                        | 5530             | 9.8              | 288      | 18             | 1                             |
| 5                        | 5530             | 8.9              | 230      | 18             | 1                             |
| 6                        | 5530             | 7.9              | 432      | 17             | 1                             |
| 7                        | 5530             | 8.2              | 207      | 17             | 1                             |
| 8                        | 5530             | 7.5              | 443      | 17             | 1                             |
| 9                        | 5530             | 8.1              | 439      | 17             | 1                             |
| 10                       | 5530             | 6.2              | 223      | 16             | 1                             |
| 11                       | 5530             | 8.9              | 208      | 18             | 1                             |
| 12                       | 5530             | 9.6              | 463      | 18             | 1                             |
| 13                       | 5530             | 8.2              | 441      | 17             | 1                             |
| 14                       | 5530             | 7.2              | 323      | 16             | 1                             |
| 15                       | 5530             | 9.5              | 297      | 18             | 1                             |
| 16                       | 5530             | 8                | 412      | 17             | 1                             |
| 17                       | 5530             | 10               | 324      | 18             | 1                             |
| 18                       | 5530             | 7.4              | 271      | 17             | 1                             |
| 19                       | 5530             | 7.9              | 349      | 17             | 1                             |
| 20                       | 5530             | 7.3              | 409      | 16             | 1                             |
| 21                       | 5530             | 8.7              | 373      | 18             | 1                             |
| 22                       | 5530             | 7.2              | 254      | 16             | 1                             |
| 23                       | 5530             | 9.9              | 274      | 18             | 1                             |
| 24                       | 5530             | 7.9              | 278      | 17             | 1                             |
| 25                       | 5530             | 7.5              | 317      | 17             | 1                             |
| 26                       | 5530             | 6.1              | 260      | 16             | 1                             |
| 27                       | 5530             | 8.8              | 211      | 18             | 1                             |
| 28                       | 5530             | 9.7              | 272      | 18             | 1                             |
| 29                       | 5530             | 7.4              | 264      | 17             | 1                             |
| 30                       | 5530             | 9.2              | 284      | 18             | 1                             |
| Detection Percentage (%) |                  |                  |          |                | 100%                          |



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### Type 4 Radar Statistical Performance

| Trail #                  | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses / Burst | 1=Detection<br>0=No Detection |
|--------------------------|------------------|------------------|----------|----------------|-------------------------------|
| 1                        | 5530             | 16               | 355      | 14             | 1                             |
| 2                        | 5530             | 11.3             | 487      | 12             | 1                             |
| 3                        | 5530             | 13.5             | 344      | 13             | 1                             |
| 4                        | 5530             | 19.4             | 288      | 16             | 1                             |
| 5                        | 5530             | 17.5             | 230      | 15             | 1                             |
| 6                        | 5530             | 15.3             | 432      | 14             | 1                             |
| 7                        | 5530             | 15.9             | 207      | 14             | 1                             |
| 8                        | 5530             | 14.3             | 443      | 13             | 1                             |
| 9                        | 5530             | 15.8             | 439      | 14             | 1                             |
| 10                       | 5530             | 11.5             | 223      | 12             | 1                             |
| 11                       | 5530             | 17.4             | 208      | 15             | 1                             |
| 12                       | 5530             | 19               | 463      | 16             | 1                             |
| 13                       | 5530             | 16               | 441      | 14             | 1                             |
| 14                       | 5530             | 13.8             | 323      | 13             | 1                             |
| 15                       | 5530             | 18.9             | 297      | 16             | 1                             |
| 16                       | 5530             | 15.5             | 412      | 14             | 1                             |
| 17                       | 5530             | 19.9             | 324      | 16             | 1                             |
| 18                       | 5530             | 14.1             | 271      | 13             | 1                             |
| 19                       | 5530             | 15.2             | 349      | 14             | 1                             |
| 20                       | 5530             | 13.8             | 409      | 13             | 1                             |
| 21                       | 5530             | 17.1             | 373      | 15             | 1                             |
| 22                       | 5530             | 13.8             | 254      | 13             | 1                             |
| 23                       | 5530             | 19.8             | 274      | 16             | 1                             |
| 24                       | 5530             | 15.3             | 278      | 14             | 1                             |
| 25                       | 5530             | 14.5             | 317      | 13             | 1                             |
| 26                       | 5530             | 11.3             | 260      | 12             | 1                             |
| 27                       | 5530             | 17.3             | 211      | 15             | 1                             |
| 28                       | 5530             | 19.2             | 272      | 16             | 1                             |
| 29                       | 5530             | 14.2             | 264      | 13             | 1                             |
| 30                       | 5530             | 18.2             | 284      | 15             | 1                             |
| Detection Percentage (%) |                  |                  |          |                | 100%                          |



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## Type 5 Radar Statistical Performance

| Center Freq(MHz)         | Low Edge(MHz) | High Edge(MHz) | Test Freq<br>(MHz) | 1=Detection<br>0=No Detection |
|--------------------------|---------------|----------------|--------------------|-------------------------------|
| Trail #                  | Chirp         | offset         |                    |                               |
| 1                        | 13            | --             | 5530               | 1                             |
| 2                        | 12            | --             | 5530               | 1                             |
| 3                        | 12            | --             | 5530               | 1                             |
| 4                        | 10            | --             | 5530               | 1                             |
| 5                        | 10            | --             | 5530               | 1                             |
| 6                        | 18            | --             | 5530               | 1                             |
| 7                        | 19            | --             | 5530               | 1                             |
| 8                        | 5             | --             | 5530               | 1                             |
| 9                        | 6             | --             | 5530               | 1                             |
| 10                       | 9             | --             | 5530               | 1                             |
| 11                       | 12            | 4.8            | 5494.8             | 1                             |
| 12                       | 20            | 8              | 5498               | 1                             |
| 13                       | 7             | 2.8            | 5492.8             | 1                             |
| 14                       | 13            | 5.2            | 5495.2             | 1                             |
| 15                       | 18            | 7.2            | 5497.2             | 1                             |
| 16                       | 13            | 5.2            | 5495.2             | 1                             |
| 17                       | 17            | 6.8            | 5496.8             | 1                             |
| 18                       | 16            | 6.4            | 5496.4             | 1                             |
| 19                       | 6             | 2.4            | 5492.4             | 1                             |
| 20                       | 17            | 6.8            | 5496.8             | 1                             |
| 21                       | 12            | 4.8            | 5565.2             | 1                             |
| 22                       | 14            | 5.6            | 5564.4             | 1                             |
| 23                       | 13            | 5.2            | 5564.8             | 1                             |
| 24                       | 5             | 2              | 5568               | 1                             |
| 25                       | 19            | 7.6            | 5562.4             | 1                             |
| 26                       | 10            | 4              | 5566               | 1                             |
| 27                       | 15            | 6              | 5564               | 1                             |
| 28                       | 16            | 6.4            | 5563.6             | 1                             |
| 29                       | 5             | 2              | 5568               | 1                             |
| 30                       | 15            | 6              | 5564               | 1                             |
| Detection Percentage (%) |               |                |                    | 100%                          |



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## Type 6 Radar Statistical Performance

| Trail #                  | Test Freq. (MHz) | Pulse Width (us) | PRI (us) | Pulses Per Hop | 1=Detection<br>0=No Detection |
|--------------------------|------------------|------------------|----------|----------------|-------------------------------|
| 1                        | 5530             | 1                | 333.3    | 9              | 1                             |
| 2                        | 5530             | 1                | 333.3    | 9              | 1                             |
| 3                        | 5530             | 1                | 333.3    | 9              | 1                             |
| 4                        | 5530             | 1                | 333.3    | 9              | 1                             |
| 5                        | 5530             | 1                | 333.3    | 9              | 1                             |
| 6                        | 5530             | 1                | 333.3    | 9              | 1                             |
| 7                        | 5530             | 1                | 333.3    | 9              | 1                             |
| 8                        | 5530             | 1                | 333.3    | 9              | 1                             |
| 9                        | 5530             | 1                | 333.3    | 9              | 1                             |
| 10                       | 5530             | 1                | 333.3    | 9              | 1                             |
| 11                       | 5530             | 1                | 333.3    | 9              | 1                             |
| 12                       | 5530             | 1                | 333.3    | 9              | 1                             |
| 13                       | 5530             | 1                | 333.3    | 9              | 1                             |
| 14                       | 5530             | 1                | 333.3    | 9              | 1                             |
| 15                       | 5530             | 1                | 333.3    | 9              | 1                             |
| 16                       | 5530             | 1                | 333.3    | 9              | 1                             |
| 17                       | 5530             | 1                | 333.3    | 9              | 1                             |
| 18                       | 5530             | 1                | 333.3    | 9              | 1                             |
| 19                       | 5530             | 1                | 333.3    | 9              | 1                             |
| 20                       | 5530             | 1                | 333.3    | 9              | 1                             |
| 21                       | 5530             | 1                | 333.3    | 9              | 1                             |
| 22                       | 5530             | 1                | 333.3    | 9              | 1                             |
| 23                       | 5530             | 1                | 333.3    | 9              | 1                             |
| 24                       | 5530             | 1                | 333.3    | 9              | 1                             |
| 25                       | 5530             | 1                | 333.3    | 9              | 1                             |
| 26                       | 5530             | 1                | 333.3    | 9              | 1                             |
| 27                       | 5530             | 1                | 333.3    | 9              | 1                             |
| 28                       | 5530             | 1                | 333.3    | 9              | 1                             |
| 29                       | 5530             | 1                | 333.3    | 9              | 1                             |
| 30                       | 5530             | 1                | 333.3    | 9              | 1                             |
| Detection Percentage (%) |                  |                  |          |                | 100%                          |



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### **3.11 Radiated Emissions from Receiver Part**

FCC Rule: 15.109

Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

| Frequency of Emission<br>(MHz) | Field Strength<br>(microvolts/meter) | Field Strength<br>(dBmicrovolts/meter) |
|--------------------------------|--------------------------------------|----------------------------------------|
| 30 – 88                        | 100                                  | 40.0                                   |
| 88 – 216                       | 150                                  | 43.5                                   |
| 216 – 960                      | 200                                  | 46.0                                   |
| Above 960                      | 500                                  | 54.0                                   |

Explanation: The test results are listed in the separated test report no.: W6M22405-23479-P-15B.

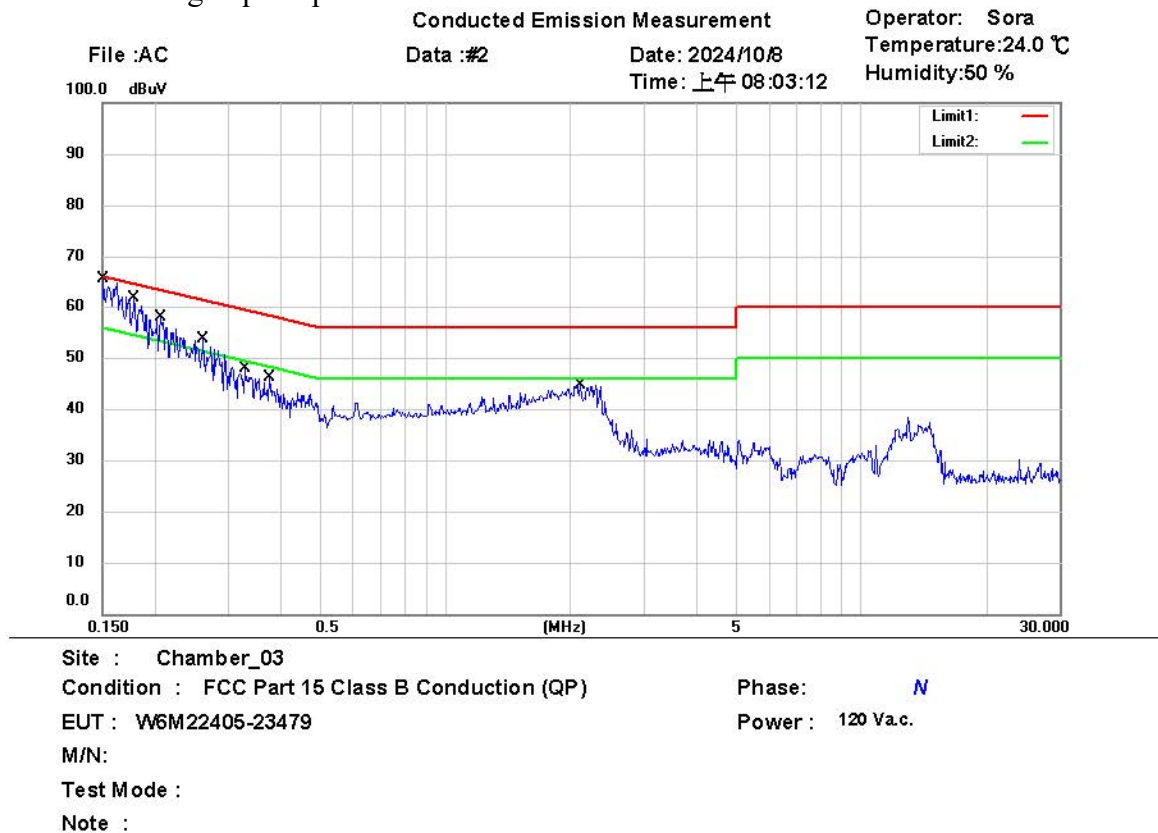


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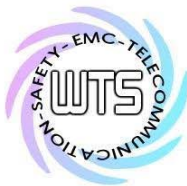
## 3.12 Power Line Conducted Emission

For an intentional radiator which is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC line on any frequency or frequencies within the band 150 kHz to 30 MHz shall not exceed the limits in the table bellows with this provision shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminals.

This measurement was transact first with instrumentation using an average and peak detector and a 10 kHz bandwidth. If the peak detector achieves a calculated level, the measurement is repeated by an instrumentation using a quasi-peak detector.

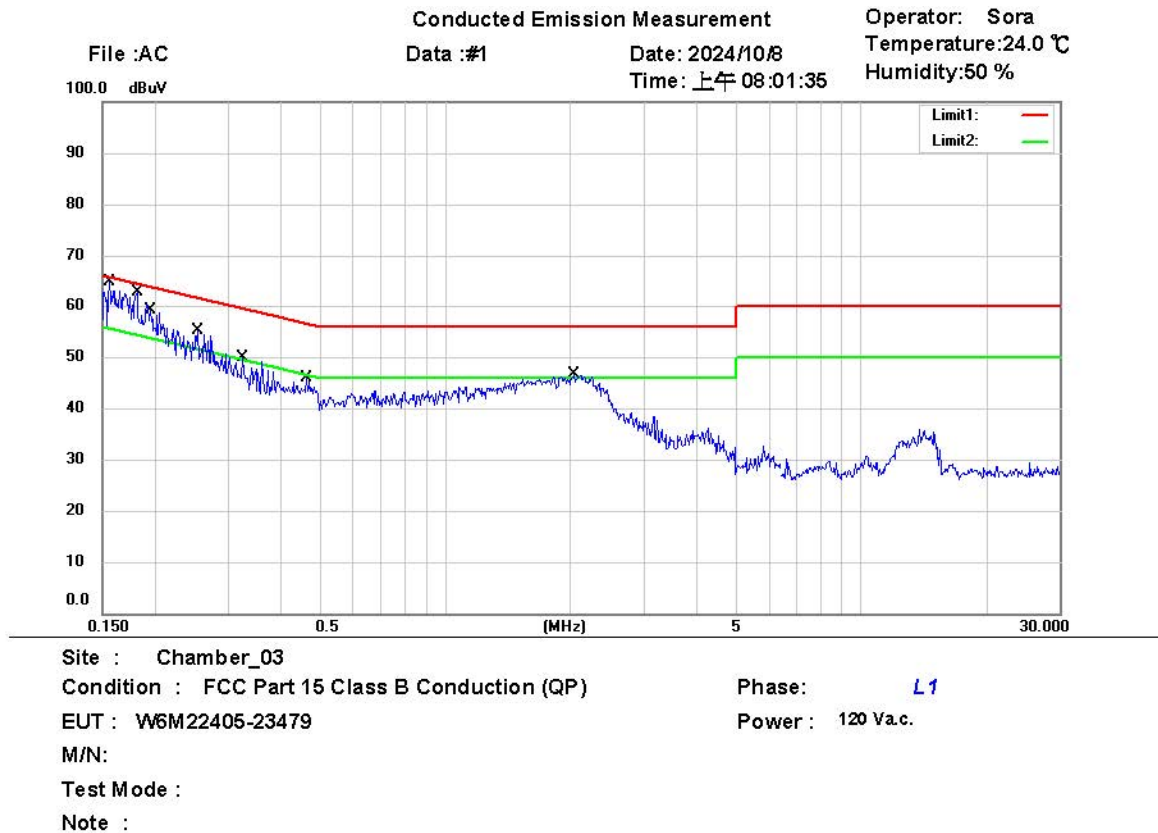


| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected factor(dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|----------------------|---------------|--------------|-------------|---------|
| *   | 0.1507          | 48.95          | QP       | 9.64                 | 58.59         | 65.96        | -7.37       |         |
|     | 0.1507          | 29.48          | AVG      | 9.64                 | 39.12         | 55.96        | -16.84      |         |
|     | 0.1784          | 41.53          | QP       | 9.64                 | 51.17         | 64.56        | -13.39      |         |
|     | 0.1784          | 21.00          | AVG      | 9.64                 | 30.64         | 54.56        | -23.92      |         |
|     | 0.2092          | 37.97          | QP       | 9.64                 | 47.61         | 63.24        | -15.63      |         |
|     | 0.2092          | 20.79          | AVG      | 9.64                 | 30.43         | 53.24        | -22.81      |         |
|     | 0.2610          | 31.79          | QP       | 9.65                 | 41.44         | 61.40        | -19.96      |         |
|     | 0.2610          | 17.19          | AVG      | 9.65                 | 26.84         | 51.40        | -24.56      |         |
|     | 0.3280          | 27.62          | QP       | 9.65                 | 37.27         | 59.50        | -22.23      |         |
|     | 0.3280          | 14.93          | AVG      | 9.65                 | 24.58         | 49.50        | -24.92      |         |
|     | 0.3766          | 27.92          | QP       | 9.66                 | 37.58         | 58.35        | -20.77      |         |
|     | 0.3766          | 17.36          | AVG      | 9.66                 | 27.02         | 48.35        | -21.33      |         |
|     | 2.1088          | 29.16          | QP       | 9.70                 | 38.86         | 56.00        | -17.14      |         |
|     | 2.1088          | 22.59          | AVG      | 9.70                 | 32.29         | 46.00        | -13.71      |         |



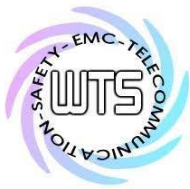
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| Mk. | Frequency (MHz) | Reading (dBuV) | Detector | Corrected factor(dB) | Result (dBuV) | Limit (dBuV) | Margin (dB) | Comment |
|-----|-----------------|----------------|----------|----------------------|---------------|--------------|-------------|---------|
| *   | 0.1554          | 47.23          | QP       | 9.66                 | 56.89         | 65.71        | -8.82       |         |
|     | 0.1554          | 31.10          | AVG      | 9.66                 | 40.76         | 55.71        | -14.95      |         |
|     | 0.1808          | 41.33          | QP       | 9.65                 | 50.98         | 64.45        | -13.47      |         |
|     | 0.1808          | 24.63          | AVG      | 9.65                 | 34.28         | 54.45        | -20.17      |         |
|     | 0.1950          | 39.24          | QP       | 9.65                 | 48.89         | 63.82        | -14.93      |         |
|     | 0.1950          | 22.12          | AVG      | 9.65                 | 31.77         | 53.82        | -22.05      |         |
|     | 0.2534          | 31.57          | QP       | 9.65                 | 41.22         | 61.64        | -20.42      |         |
|     | 0.2534          | 18.12          | AVG      | 9.65                 | 27.77         | 51.64        | -23.87      |         |
|     | 0.3240          | 29.20          | QP       | 9.66                 | 38.86         | 59.60        | -20.74      |         |
|     | 0.3240          | 18.28          | AVG      | 9.66                 | 27.94         | 49.60        | -21.66      |         |
|     | 0.4660          | 26.37          | QP       | 9.66                 | 36.03         | 56.58        | -20.55      |         |
|     | 0.4660          | 16.75          | AVG      | 9.66                 | 26.41         | 46.58        | -20.17      |         |
|     | 2.0368          | 26.84          | QP       | 9.70                 | 36.54         | 56.00        | -19.46      |         |
|     | 2.0368          | 21.41          | AVG      | 9.70                 | 31.11         | 46.00        | -14.89      |         |

- Note: 1. The formula of measured value as: Test Result = Reading + Correction Factor  
2. The Correction Factor = Cable Loss + LISN Insertion Loss + Pulse Limit Loss  
3. Detector function in the form : PK = Peak, QP = Quasi Peak, AV = Average  
4. All not in the table noted test results are more than 20 dB below the relevant limits.  
5. Up Line: QP Limit Line, Down Line: Ave Limit Line.



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## **Appendix**

### **Measurement diagrams**

Spurious Emissions radiated